

Hit Summary Sheet SW-846

SDG No.: Q2842

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	RMW-03B-90.4-08122025						
Q2842-01	RMW-03B-90.4-0812202 WATER	1,4-Dioxane	6.800	E	0.07	0.22	ug/L
		Total Svoc :			6.80		
		Total Concentration:			6.80		
Client ID :	RMW-03B-90.4-08122025DL						
Q2842-01DL	RMW-03B-90.4-0812202 WATER	1,4-Dioxane	6.600	D	0.15	0.44	ug/L
		Total Svoc :			6.60		
		Total Concentration:			6.60		
Client ID :	RMW-02B-66.3-08122025						
Q2842-02	RMW-02B-66.3-0812202 WATER	1,4-Dioxane	22.600	E	0.07	0.21	ug/L
		Total Svoc :			22.60		
		Total Concentration:			22.60		
Client ID :	RMW-02B-66.3-08122025DL						
Q2842-02DL	RMW-02B-66.3-0812202 WATER	1,4-Dioxane	27.000	D	0.68	2.1	ug/L
		Total Svoc :			27.00		
		Total Concentration:			27.00		
Client ID :	MW-17B-55.5-08122025						
Q2842-03	MW-17B-55.5-08122025 WATER	1,4-Dioxane	2.900		0.07	0.2	ug/L
		Total Svoc :			2.90		
		Total Concentration:			2.90		
Client ID :	MW-06-6.5-08122025						
Q2842-06	MW-06-6.5-08122025 WATER	1,4-Dioxane	0.640		0.07	0.21	ug/L
		Total Svoc :			0.64		
		Total Concentration:			0.64		



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	RMW-03B-90.4-08122025	SDG No.:	Q2842
Lab Sample ID:	Q2842-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037602.D	1	08/18/25 08:41	08/19/25 11:52	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.80	E	0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.26		30 (20) - 150 (139)	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	74%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	87%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.49		30 (54) - 130 (175)	123%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1960	7.717			
1146-65-2	Naphthalene-d8	4780	10.498			
15067-26-2	Acenaphthene-d10	2380	14.345			
1517-22-2	Phenanthrene-d10	5090	17.086			
1719-03-5	Chrysene-d12	4470	21.268			
1520-96-3	Perylene-d12	3950	23.502			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	RMW-03B-90.4-08122025DL	SDG No.:	Q2842
Lab Sample ID:	Q2842-01DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	910 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037620.D	2	08/18/25 08:41	08/20/25 05:27	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.60	D	0.15	0.44	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.25		30 (20) - 150 (139)	62%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	87%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (27) - 130 (154)	74%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	85%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2330	7.71			
1146-65-2	Naphthalene-d8	5460	10.498			
15067-26-2	Acenaphthene-d10	2690	14.345			
1517-22-2	Phenanthrene-d10	5770	17.087			
1719-03-5	Chrysene-d12	4770	21.268			
1520-96-3	Perylene-d12	4470	23.496			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	RMW-02B-66.3-08122025	SDG No.:	Q2842
Lab Sample ID:	Q2842-02	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037603.D	1	08/18/25 08:41	08/19/25 12:28	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	22.6	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	76%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (54) - 150 (157)	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.33		30 (30) - 130 (155)	83%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.49		30 (54) - 130 (175)	122%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2000	7.717			
1146-65-2	Naphthalene-d8	4850	10.498			
15067-26-2	Acenaphthene-d10	2450	14.345			
1517-22-2	Phenanthrene-d10	5060	17.087			
1719-03-5	Chrysene-d12	4260	21.268			
1520-96-3	Perylene-d12	3750	23.502			

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N = Presumptive Evidence of a Compound

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	RMW-02B-66.3-08122025DL	SDG No.:	Q2842
Lab Sample ID:	Q2842-02DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037621.D	10	08/18/25 08:41	08/20/25 06:03	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	27.0	D	0.68	2.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	80%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.45		30 (54) - 150 (157)	113%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.55	*	30 (54) - 130 (175)	138%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1940	7.71			
1146-65-2	Naphthalene-d8	4470	10.498			
15067-26-2	Acenaphthene-d10	2280	14.345			
1517-22-2	Phenanthrene-d10	4810	17.086			
1719-03-5	Chrysene-d12	3970	21.268			
1520-96-3	Perylene-d12	3640	23.501			

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025	SDG No.:	Q2842
Lab Sample ID:	Q2842-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037604.D	1	08/18/25 08:41	08/19/25 13:04	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	2.90		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.29		30 (20) - 150 (139)	72%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (54) - 150 (157)	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	77%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.53	*	30 (54) - 130 (175)	132%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2100	7.717			
1146-65-2	Naphthalene-d8	4980	10.498			
15067-26-2	Acenaphthene-d10	2520	14.345			
1517-22-2	Phenanthrene-d10	5310	17.086			
1719-03-5	Chrysene-d12	4640	21.268			
1520-96-3	Perylene-d12	4120	23.505			

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-06-6.5-08122025	SDG No.:	Q2842
Lab Sample ID:	Q2842-06	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037607.D	1	08/18/25 08:41	08/19/25 14:53	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.64		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.26		30 (20) - 150 (139)	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	89%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	87%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	108%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2140	7.717			
1146-65-2	Naphthalene-d8	5180	10.498			
15067-26-2	Acenaphthene-d10	2600	14.345			
1517-22-2	Phenanthrene-d10	5520	17.086			
1719-03-5	Chrysene-d12	4980	21.268			
1520-96-3	Perylene-d12	4420	23.505			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2842

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169286BL	PB169286BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB169286BS	PB169286BS	2-Methylnaphthalene-d10	0.4	0.33	82		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	87		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.35	88		30 (54)	130 (175)
Q2842-01	RMW-03B-90.4-08122025	2-Methylnaphthalene-d10	0.4	0.26	66		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	74		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	87		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.49	123		30 (54)	130 (175)
Q2842-01DL	RMW-03B-90.4-08122025DL	2-Methylnaphthalene-d10	0.4	0.25	62		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.29	74		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	85		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q2842-02	RMW-02B-66.3-08122025	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.33	83		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.49	122		30 (54)	130 (175)
Q2842-02DL	RMW-02B-66.3-08122025DL	2-Methylnaphthalene-d10	0.4	0.32	80		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.45	113		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.55	138	*	30 (54)	130 (175)
Q2842-03	MW-17B-55.5-08122025	2-Methylnaphthalene-d10	0.4	0.29	72		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.39	97		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	77		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.53	132	*	30 (54)	130 (175)
Q2842-04MS	MW-17B-55.5-08122025MS	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2842-05MSD	MW-17B-55.5-08122025MSD	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2842-06	MW-06-6.5-08122025	2-Methylnaphthalene-d10	0.4	0.26	66		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	87		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)

() = LABORATORY INHOUSE LIMIT

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:	Q2842	Analytical Method:	SW8270-Modified
Client:	JACOBS Engineering Group, Inc.	DataFile:	BN037605.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2842-04MS	Client Sample ID:	MW-17B-55.5-08122025MS								
1,4-Dioxane	0.43	2.90	3.00	ug/L	23				20 (10)	160 (175)	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:	Q2842	Analytical Method:	SW8270-Modified
Client:	JACOBS Engineering Group, Inc.	DataFile:	BN037606.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2842-05MSD	Client Sample ID:	MW-17B-55.5-08122025MSD								
1,4-Dioxane	0.42	2.90	3.00	ug/L	24		4		20 (10)	160 (175)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2842

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN037630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169286BS	1,4-Dioxane	0.4	0.30	ug/L	75				20 (65)	160 (116)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169286BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q2842

Lab File ID: BN037619.D

Lab Sample ID: PB169286BL

Instrument ID: BNA_N

Date Extracted: 08/18/2025

Matrix: (soil/water) Water

Date Analyzed: 08/20/2025

Level: (low/med) LOW

Time Analyzed: 04:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169286BS	PB169286BS	BN037630.D	08/20/2025
RMW-03B-90.4-08122025	Q2842-01	BN037602.D	08/19/2025
RMW-02B-66.3-08122025	Q2842-02	BN037603.D	08/19/2025
MW-17B-55.5-08122025	Q2842-03	BN037604.D	08/19/2025
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025
MW-06-6.5-08122025	Q2842-06	BN037607.D	08/19/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037576.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2842
DFTPP Injection Date: 08/12/2025
DFTPP Injection Time: 15:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	39.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	84.5
443	15.0 - 24.0% of mass 442	16.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037578.D	08/12/2025	16:26
SSTDICC0.2	SSTDICC0.2	BN037579.D	08/12/2025	17:03
SSTDICCC0.4	SSTDICCC0.4	BN037580.D	08/12/2025	17:39
SSTDICC0.8	SSTDICC0.8	BN037581.D	08/12/2025	18:16
SSTDICC1.6	SSTDICC1.6	BN037582.D	08/12/2025	18:52
SSTDICC3.2	SSTDICC3.2	BN037583.D	08/12/2025	19:29
SSTDICC5.0	SSTDICC5.0	BN037584.D	08/12/2025	20:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037599.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2842
DFTPP Injection Date: 08/19/2025
DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	17.9 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037600.D	08/19/2025	10:39
RMW-03B-90.4-08122025	Q2842-01	BN037602.D	08/19/2025	11:52
RMW-02B-66.3-08122025	Q2842-02	BN037603.D	08/19/2025	12:28
MW-17B-55.5-08122025	Q2842-03	BN037604.D	08/19/2025	13:04
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025	13:40
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025	14:17
MW-06-6.5-08122025	Q2842-06	BN037607.D	08/19/2025	14:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037617.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q2842
DFTPP Injection Date: 08/20/2025
DFTPP Injection Time: 03:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (0.9) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	78.3
443	15.0 - 24.0% of mass 442	14.9 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037618.D	08/20/2025	04:14
PB169286BL	PB169286BL	BN037619.D	08/20/2025	04:50
RMW-03B-90.4-08122025DL	Q2842-01DL	BN037620.D	08/20/2025	05:27
RMW-02B-66.3-08122025DL	Q2842-02DL	BN037621.D	08/20/2025	06:03
PB169286BS	PB169286BS	BN037630.D	08/20/2025	11:25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2842

Client ID : SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2628	7.717	6457	10.50	3216	14.34
UPPER LIMIT	5256	8.217	12914	10.998	6432	14.844
LOWER LIMIT	1314	7.217	3228.5	9.998	1608	13.844
EPA SAMPLE NO.						
01 RMW-03B-90.4-08122025	1956	7.72	4779	10.50	2382	14.35
02 RMW-02B-66.3-08122025	2003	7.72	4852	10.50	2452	14.35
03 MW-17B-55.5-08122025	2101	7.72	4983	10.50	2519	14.35
04 MW-17B-55.5-08122025MS	2023	7.72	4765	10.50	2380	14.35
05 MW-17B-55.5-08122025MSD	2022	7.72	4839	10.50	2406	14.34
06 MW-06-6.5-08122025	2139	7.72	5184	10.50	2604	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2842

Client ID: SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6293	17.086	5356	21.267	5379	23.504
UPPER LIMIT	12586	17.586	10712	21.767	10758	24.004
LOWER LIMIT	3146.5	16.586	2678	20.767	2689.5	23.004
EPA SAMPLE NO.						
01 RMW-03B-90.4-08122025	5089	17.09	4467	21.27	3954	23.50
02 RMW-02B-66.3-08122025	5058	17.09	4260	21.27	3745	23.50
03 MW-17B-55.5-08122025	5311	17.09	4640	21.27	4122	23.51
04 MW-17B-55.5-08122025MS	4922	17.09	4507	21.27	3909	23.51
05 MW-17B-55.5-08122025MSD	5009	17.09	4561	21.27	3935	23.50
06 MW-06-6.5-08122025	5518	17.09	4981	21.27	4415	23.51

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2842

Client ID : SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2622	7.71	6166	10.50	3094	14.35
UPPER LIMIT	5244	8.21	12332	10.998	6188	14.845
LOWER LIMIT	1311	7.21	3083	9.998	1547	13.845
EPA SAMPLE NO.						
01 PB169286BL	2323	7.71	5229	10.50	2344	14.35
02 PB169286BS	2389	7.71	5616	10.49	2629	14.35
03 RMW-03B-90.4-08122025DL	2332	7.71	5464	10.50	2692	14.35
04 RMW-02B-66.3-08122025DL	1938	7.71	4467	10.50	2275	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2842

Client ID: SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

Instrument ID: BNA_N

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6113	17.086	5494	21.268	5322	23.499
UPPER LIMIT	12226	17.586	10988	21.768	10644	23.999
LOWER LIMIT	3056.5	16.586	2747	20.768	2661	22.999
EPA SAMPLE NO.						
01 PB169286BL	4466	17.09	3733	21.27	3552	23.50
02 PB169286BS	5040	17.09	4175	21.27	3780	23.50
03 RMW-03B-90.4-08122025DL	5770	17.09	4774	21.27	4470	23.50
04 RMW-02B-66.3-08122025DL	4809	17.09	3968	21.27	3640	23.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BL	SDG No.:	Q2842
Lab Sample ID:	PB169286BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037619.D	1	08/18/25 08:41	08/20/25 04:50	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (54) - 150 (157)	83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2320	7.71			
1146-65-2	Naphthalene-d8	5230	10.498			
15067-26-2	Acenaphthene-d10	2340	14.345			
1517-22-2	Phenanthrene-d10	4470	17.087			
1719-03-5	Chrysene-d12	3730	21.268			
1520-96-3	Perylene-d12	3550	23.499			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BS	SDG No.:	Q2842
Lab Sample ID:	PB169286BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037630.D	1	08/18/25 08:41	08/20/25 11:25	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.30		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	87%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	90%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		30 (54) - 130 (175)	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2390	7.71			
1146-65-2	Naphthalene-d8	5620	10.487			
15067-26-2	Acenaphthene-d10	2630	14.345			
1517-22-2	Phenanthrene-d10	5040	17.086			
1719-03-5	Chrysene-d12	4180	21.268			
1520-96-3	Perylene-d12	3780	23.502			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MS	SDG No.:	Q2842
Lab Sample ID:	Q2842-04MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037605.D	1	08/18/25 08:41	08/19/25 13:40	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.00		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	83%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2020	7.717			
1146-65-2	Naphthalene-d8	4770	10.498			
15067-26-2	Acenaphthene-d10	2380	14.345			
1517-22-2	Phenanthrene-d10	4920	17.087			
1719-03-5	Chrysene-d12	4510	21.268			
1520-96-3	Perylene-d12	3910	23.505			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MSD	SDG No.:	Q2842
Lab Sample ID:	Q2842-05MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037606.D	1	08/18/25 08:41	08/19/25 14:17	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.00		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	76%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.32		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2020	7.717			
1146-65-2	Naphthalene-d8	4840	10.498			
15067-26-2	Acenaphthene-d10	2410	14.344			
1517-22-2	Phenanthrene-d10	5010	17.086			
1719-03-5	Chrysene-d12	4560	21.267			
1520-96-3	Perylene-d12	3940	23.504			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN081225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 13 05:00:58 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN037578.D 0.2 =BN037579.D 0.4 =BN037580.D 0.8 =BN037581.D 1.6 =BN037582.D 3.2 =BN037583.D 5 =BN037584.D

	Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.413	0.395	0.368	0.397	0.375	0.348	0.383		6.08
3)	n-Nitrosodimet...	0.471	0.488	0.471	0.493	0.503	0.508	0.489		3.19
4) S	2-Fluorophenol	0.922	0.945	0.888	0.823	0.886	0.906	0.977	0.907	5.41
5) S	Phenol-d6	1.045	1.051	1.044	0.983	1.198	1.117	1.201	1.091	7.66
6)	bis(2-Chloroet...	0.935	0.987	0.976	0.936	1.020	1.008	1.022	0.983	3.75
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.270	0.257	0.262	0.264	0.292	0.301	0.326	0.282	9.03
9)	Naphthalene	1.044	1.050	1.037	1.012	1.089	1.096	1.127	1.065	3.78
10)	Hexachlorobuta...	0.252	0.258	0.262	0.253	0.267	0.264	0.265	0.260	2.22
11) SURR2	Methylnaphth...	0.488	0.492	0.508	0.493	0.543	0.578	0.705	0.544	14.39
12)	2-Methylnaphth...	0.589	0.631	0.635	0.629	0.701	0.731	0.760	0.668	9.39
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.139	0.149	0.156	0.160	0.185	0.203	0.234	0.175	19.39
15) S	2-Fluorobiphenyl	2.226	2.243	2.300	2.251	2.341	2.391	2.440	2.313	3.50
16)	Acenaphthylene	1.740	1.760	1.710	1.653	1.850	1.858	1.980	1.793	6.15
17)	Acenaphthene	1.144	1.150	1.172	1.154	1.283	1.286	1.348	1.220	6.86
18)	Fluorene	1.466	1.510	1.524	1.521	1.686	1.693	1.770	1.596	7.38
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.042	0.046	0.047	0.061	0.070		0.053		22.37
21)	4-Bromophenyl-...	0.226	0.236	0.234	0.237	0.265	0.271	0.292	0.251	9.77
22)	Hexachlorobenzene	0.360	0.360	0.356	0.332	0.364	0.354	0.370	0.356	3.37
23)	Atrazine	0.127	0.126	0.130	0.134	0.160	0.176		0.142	14.76
24)	Pentachlorophenol		0.108	0.113	0.113	0.139	0.152		0.125	15.36
25)	Phenanthrene	1.146	1.162	1.170	1.138	1.281	1.269	1.347	1.216	6.72
26)	Anthracene	0.950	0.985	0.995	0.988	1.145	1.186	1.286	1.077	11.93
27) SURR	Fluoranthene-d10	0.932	0.966	0.954	0.935	1.050	1.110	1.419	1.052	16.61
28)	Fluoranthene	1.241	1.264	1.299	1.291	1.503	1.533	1.648	1.397	11.53
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.539	1.486	1.464	1.403	1.502	1.520	1.552	1.495	3.38
31) S	Terphenyl-d14	0.814	0.801	0.796	0.763	0.833	0.853	0.901	0.823	5.45
32)	Benzo(a)anthra...	1.266	1.275	1.263	1.253	1.351	1.458	1.487	1.336	7.40
33)	Chrysene	1.547	1.515	1.433	1.379	1.511	1.489	1.551	1.489	4.21
34)	Bis(2-ethylhex...		0.518	0.522	0.483	0.522	0.593	0.671	0.551	12.47
35) I	Perylene-d12	-----ISTD-----								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\

Method File : 8270-SIM-BN081225.M

36)	Indeno(1,2,3-c...	1.446	1.462	1.612	1.568	1.816	1.883	2.011	1.686	13.01
37)	Benzo(b)fluora...	1.351	1.375	1.338	1.432	1.615	1.674	1.825	1.516	12.52
38)	Benzo(k)fluora...	1.597	1.580	1.651	1.628	1.821	1.797	1.898	1.710	7.36
39) C	Benzo(a)pyrene	1.146	1.136	1.149	1.157	1.322	1.382	1.508	1.257	11.77
40)	Dibenzo(a,h)an...	1.023	1.118	1.222	1.215	1.439	1.516	1.621	1.308	16.85
41)	Benzo(g,h,i)pe...	1.207	1.274	1.262	1.261	1.467	1.532	1.643	1.378	12.17

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
Lab Code: ACE SDG No.: Q2842
Instrument ID: BNA_N Calibration Date/Time: 08/19/2025 10:39
Lab File ID: BN037600.D Init. Calib. Date(s): 08/12/2025 08/12/2025
EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 16:26 20:05
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.544	0.498		-8.5	20.0
Fluoranthene-d10	1.052	0.957		-9.0	20.0
2-Fluorophenol	0.907	0.907		0.0	20.0
Phenol-d6	1.091	1.078		-1.2	20.0
Nitrobenzene-d5	0.282	0.275		-2.5	20.0
2-Fluorobiphenyl	2.313	2.186		-5.5	20.0
2,4,6-Tribromophenol	0.175	0.169		-3.4	20.0
Terphenyl-d14	0.823	0.796		-3.3	20.0
1,4-Dioxane	0.383	0.406		6.0	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
Lab Code: ACE SDG No.: Q2842
Instrument ID: BNA_N Calibration Date/Time: 08/20/2025 04:14
Lab File ID: BN037618.D Init. Calib. Date(s): 08/12/2025 08/12/2025
EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 16:26 20:05
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.544	0.498		-8.5	20.0
Fluoranthene-d10	1.052	0.951		-9.6	20.0
2-Fluorophenol	0.907	0.875		-3.5	20.0
Phenol-d6	1.091	1.045		-4.2	20.0
Nitrobenzene-d5	0.282	0.281		-0.4	20.0
2-Fluorobiphenyl	2.313	2.246		-2.9	20.0
2,4,6-Tribromophenol	0.175	0.175		0.0	20.0
Terphenyl-d14	0.823	0.793		-3.6	20.0
1,4-Dioxane	0.383	0.380		-0.8	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037602.D
 Acq On : 19 Aug 2025 11:52
 Operator : RC/JU
 Sample : Q2842-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-03B-90.4-08122025

Quant Time: Aug 20 01:24:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

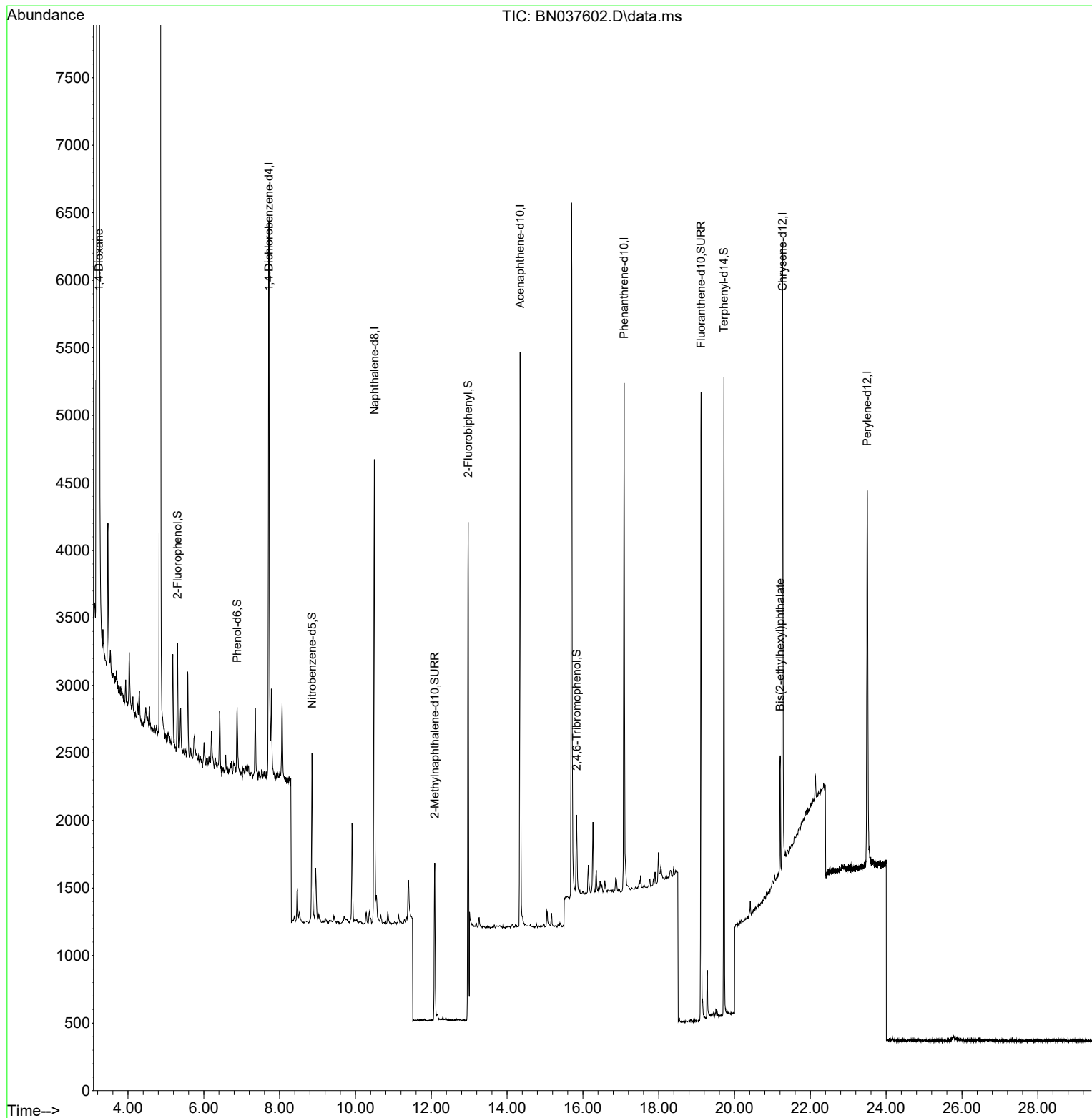
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1956	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4779	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2382	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5089	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4467	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3954	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	582	0.131	ng	0.00
5) Phenol-d6	6.879	99	403	0.076	ng	0.00
8) Nitrobenzene-d5	8.854	82	999	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1716	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	359	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4796	0.348	ng	0.00
27) Fluoranthene-d10	19.118	212	5055	0.378	ng	0.00
31) Terphenyl-d14	19.722	244	4519	0.492	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	11619	6.209	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	895	0.145	ng	# 98

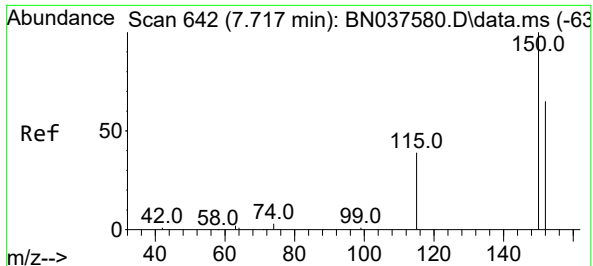
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037602.D
Acq On : 19 Aug 2025 11:52
Operator : RC/JU
Sample : Q2842-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

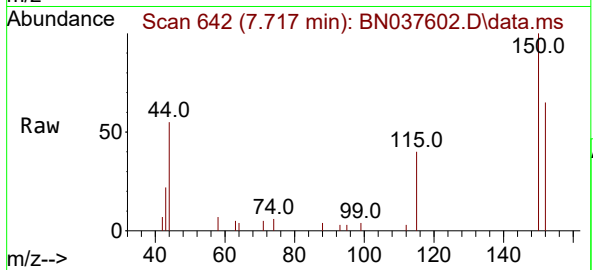
Quant Time: Aug 20 01:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



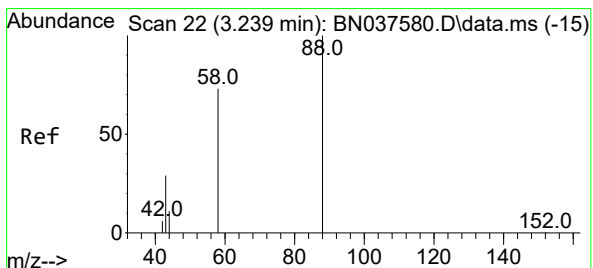
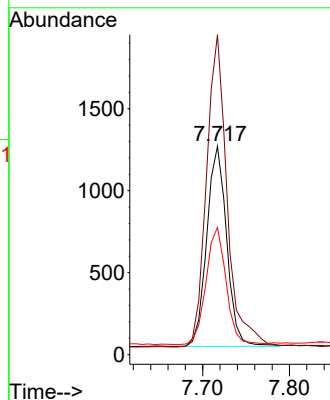
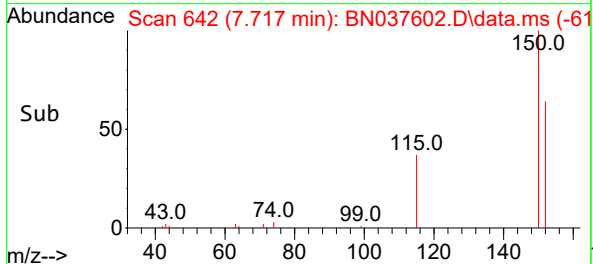


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

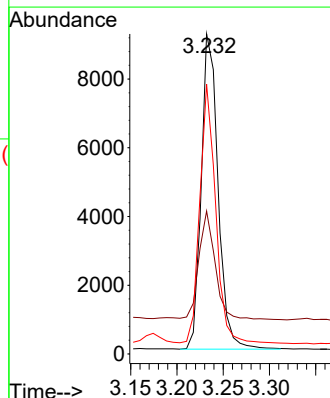
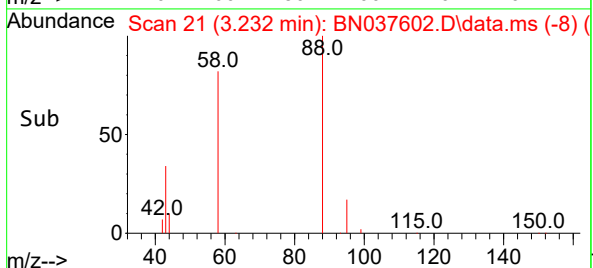
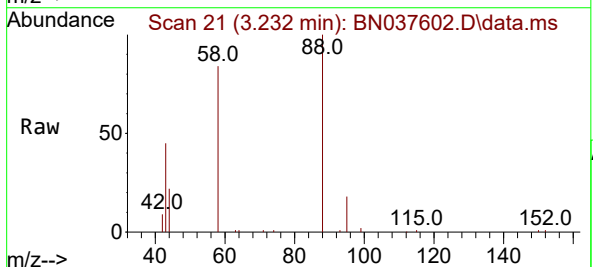


Tgt Ion:152 Resp: 1956
Ion Ratio Lower Upper
152 100
150 153.5 122.2 183.4
115 61.1 49.8 74.6

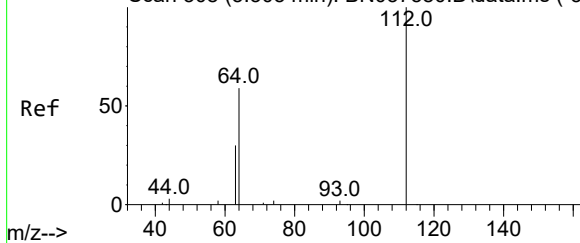


#2
1,4-Dioxane
Concen: 6.209 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion: 88 Resp: 11619
Ion Ratio Lower Upper
88 100
43 33.2 25.8 38.6
58 77.0 61.2 91.8



Abundance Scan 308 (5.305 min): BN037580.D\data.ms (-30



#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025

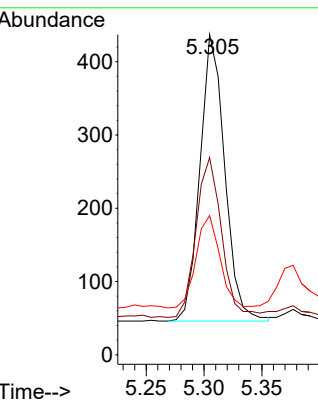
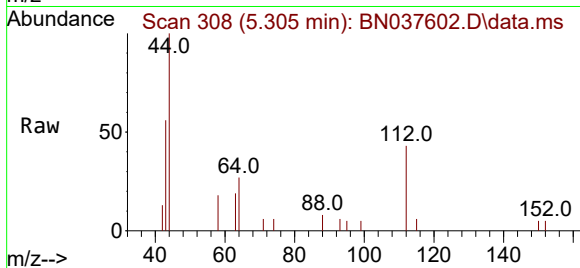
Tgt Ion:112 Resp: 582

Ion Ratio Lower Upper

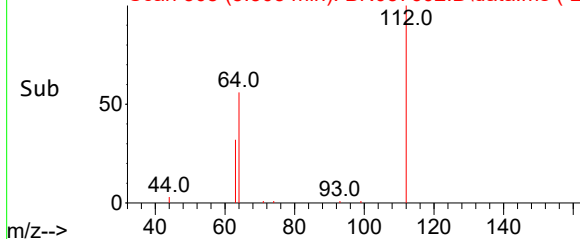
112 100

64 57.2 44.9 67.3

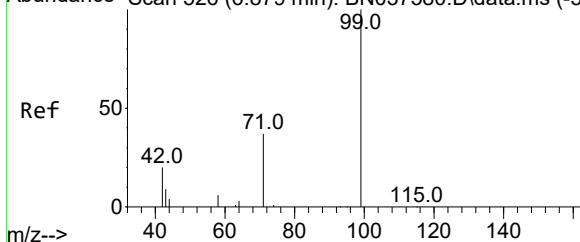
63 31.1 23.4 35.2



Abundance Scan 308 (5.305 min): BN037602.D\data.ms (-28



Abundance Scan 526 (6.879 min): BN037580.D\data.ms (-51



#5

Phenol-d6

Concen: 0.076 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

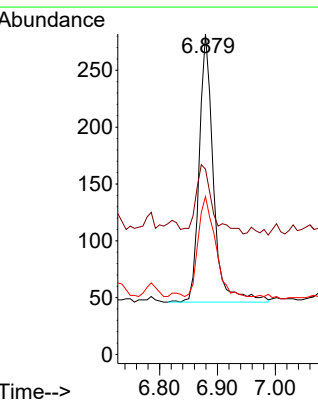
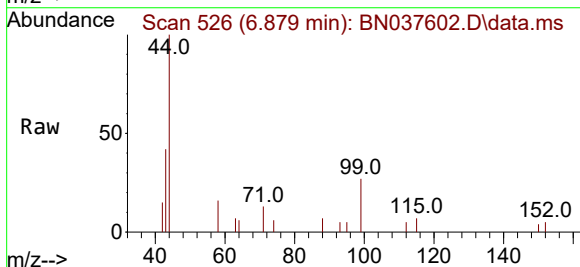
Tgt Ion: 99 Resp: 403

Ion Ratio Lower Upper

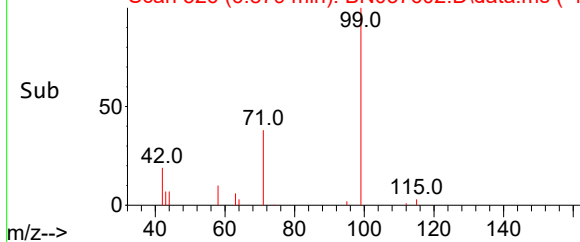
99 100

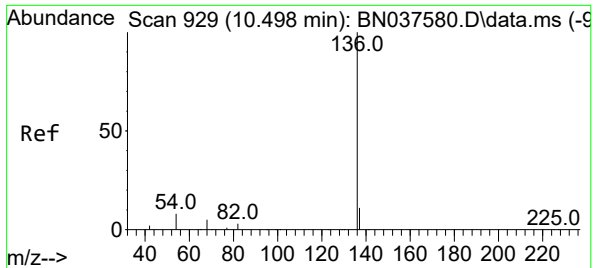
42 29.8 18.5 27.7#

71 46.9 28.6 42.8#



Abundance Scan 526 (6.879 min): BN037602.D\data.ms (-49

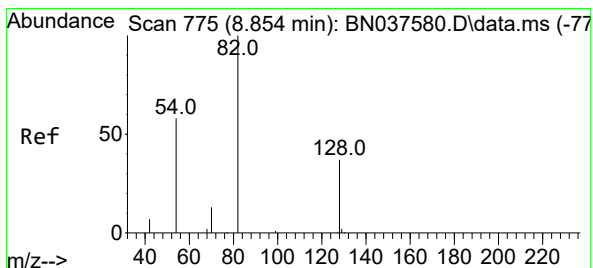
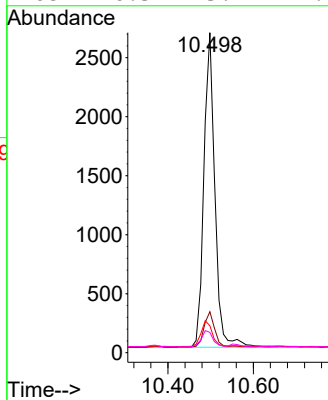
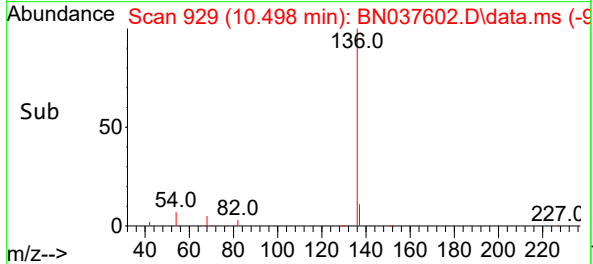
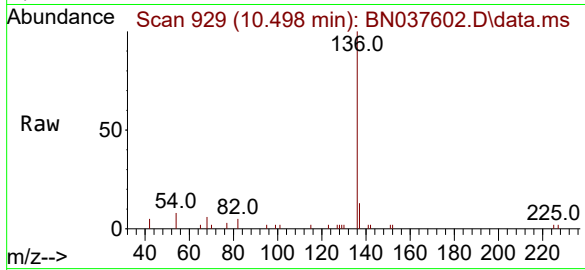




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

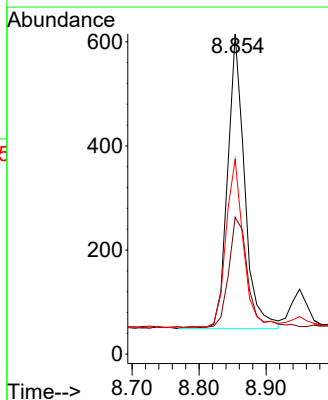
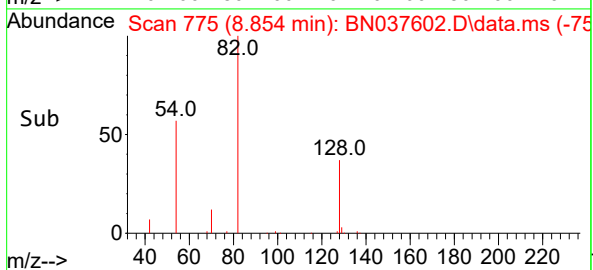
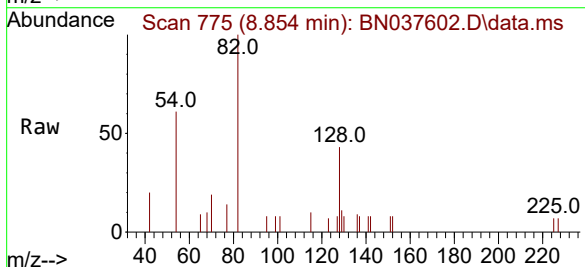
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

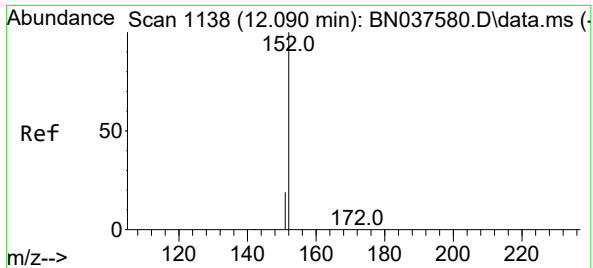
Tgt Ion:	136	Resp:	4779
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	8.4	7.3	10.9
68	6.3	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:	82	Resp:	999
Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.6	48.8
54	60.8	48.9	73.3

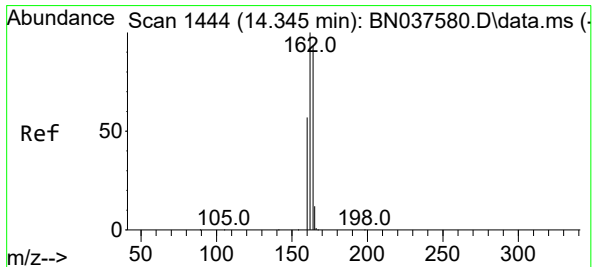
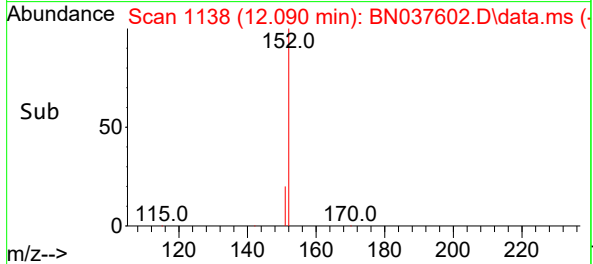
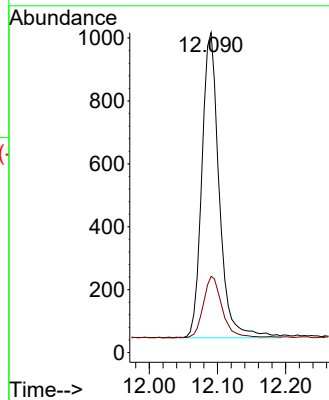
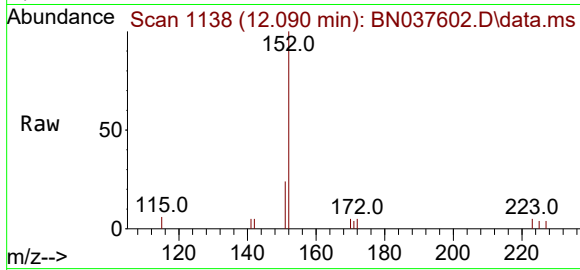




#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

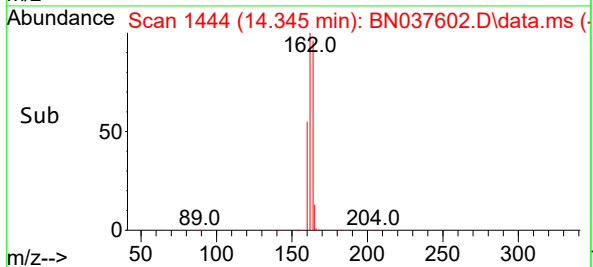
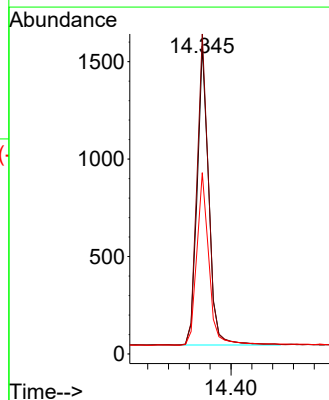
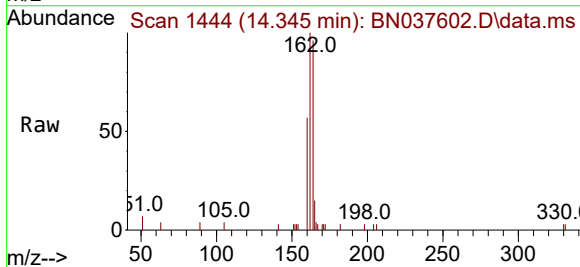
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

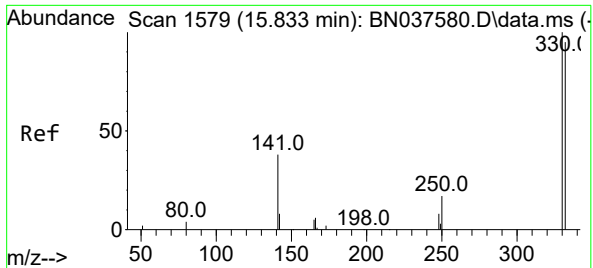
Tgt Ion:152 Resp: 1716
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:164 Resp: 2382
Ion Ratio Lower Upper
164 100
162 103.9 85.5 128.3
160 58.9 49.5 74.3

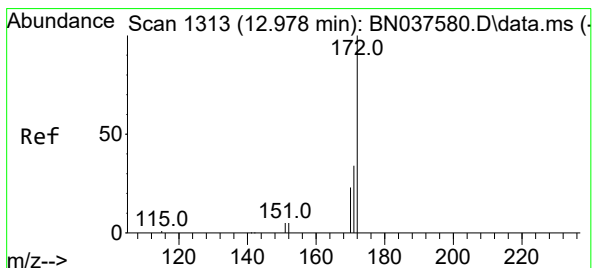
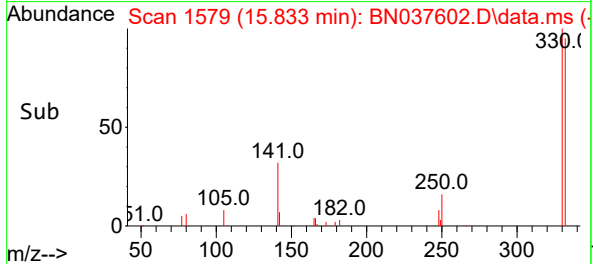
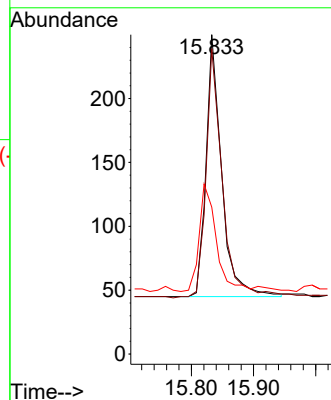
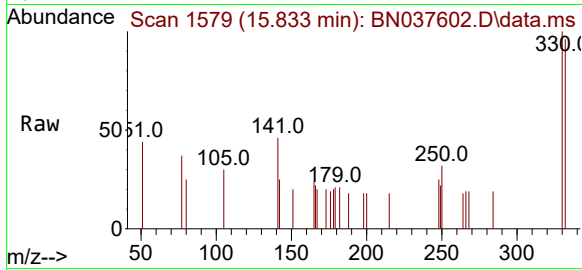




#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

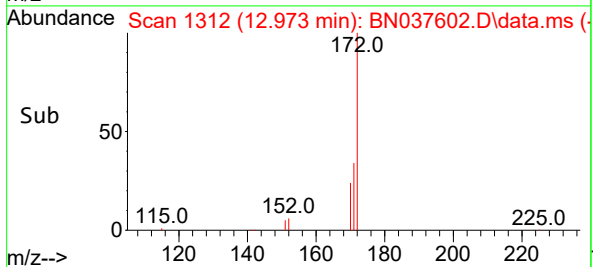
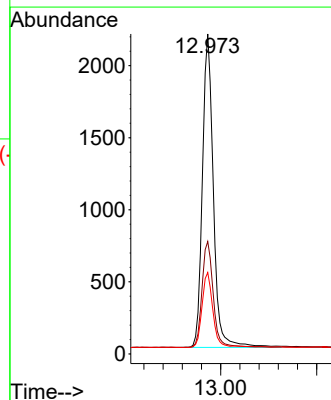
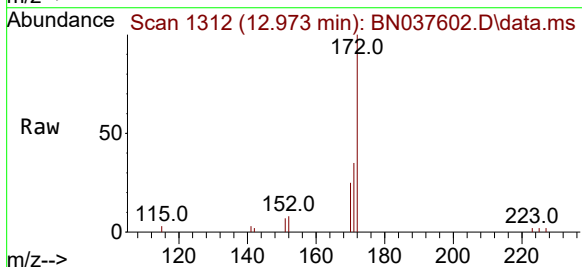
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

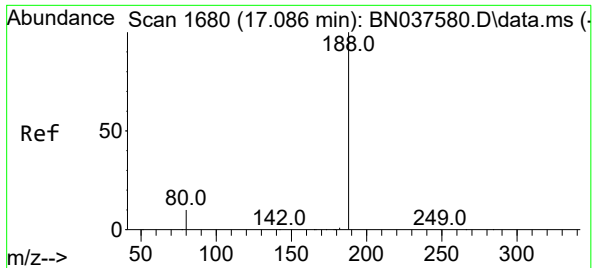
Tgt Ion:330 Resp: 359
Ion Ratio Lower Upper
330 100
332 100.8 77.4 116.0
141 46.8 30.9 46.3#



#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:172 Resp: 4796
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 25.5 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025

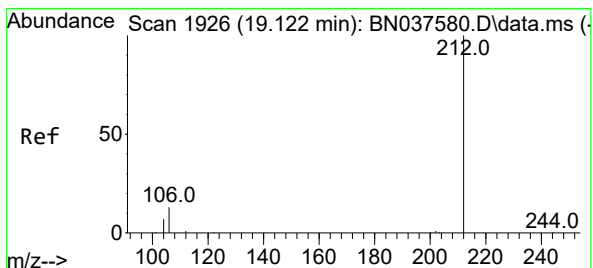
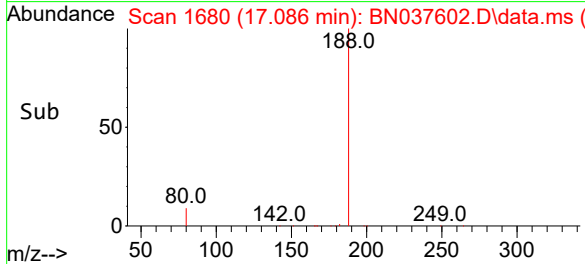
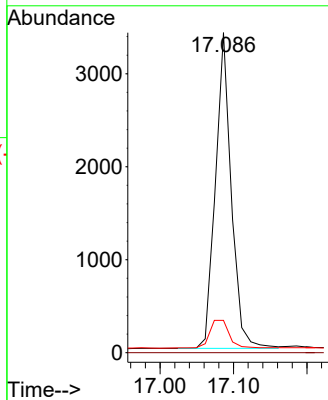
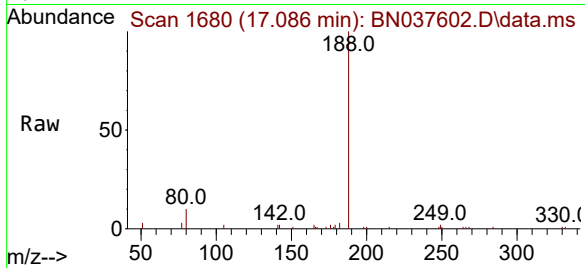
Tgt Ion:188 Resp: 5089

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.005 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

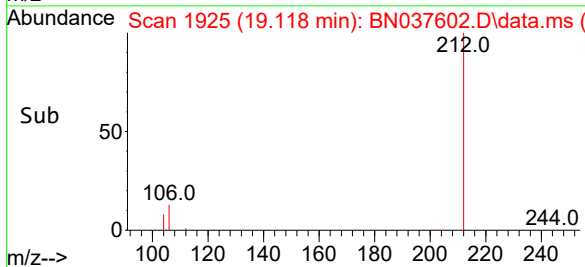
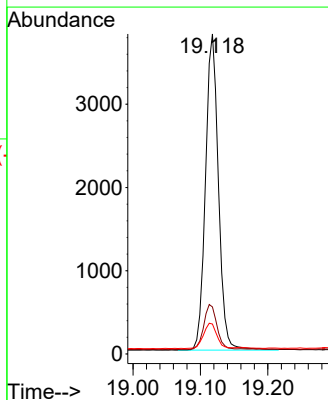
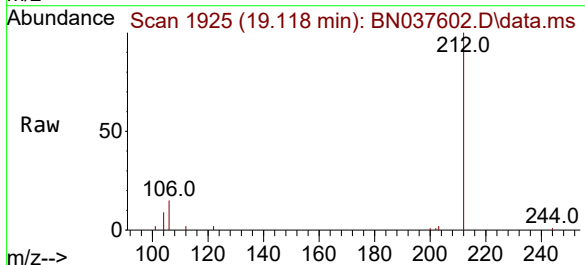
Tgt Ion:212 Resp: 5055

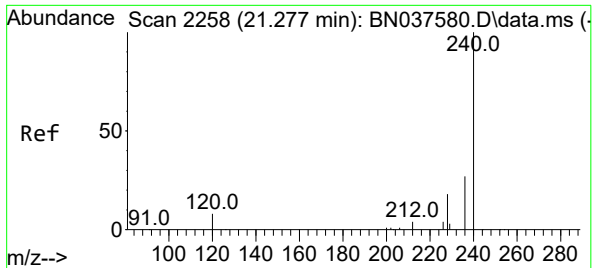
Ion Ratio Lower Upper

212 100

106 14.9 11.5 17.3

104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025

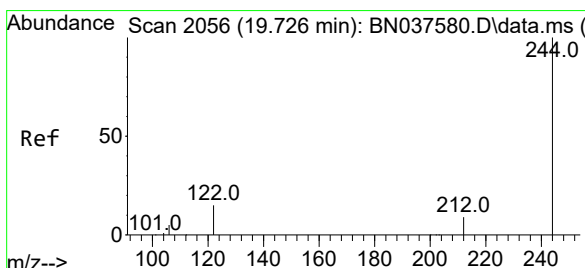
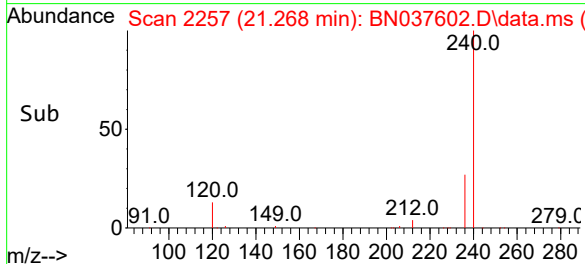
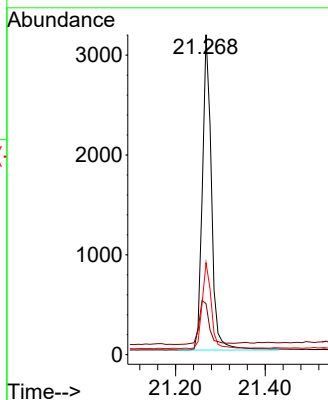
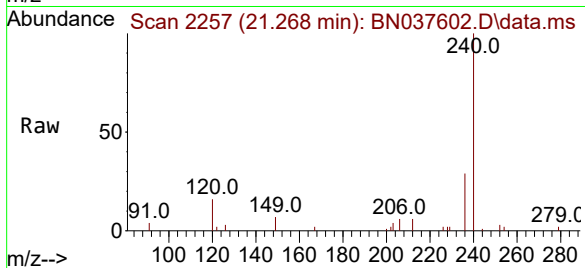
Tgt Ion:240 Resp: 4467

Ion Ratio Lower Upper

240 100

120 16.0 8.9 13.3#

236 28.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037602.D

Acq: 19 Aug 2025 11:52

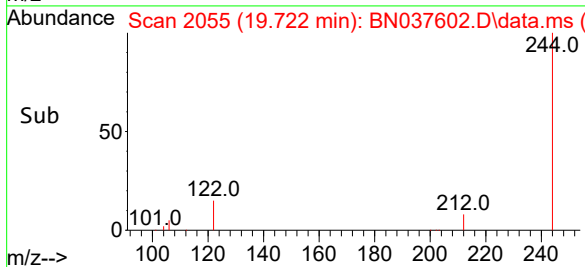
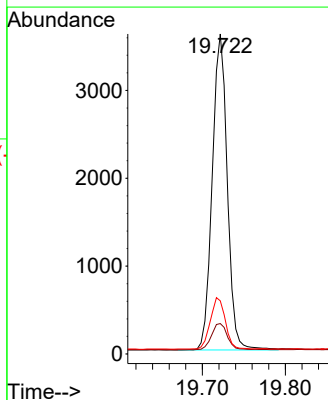
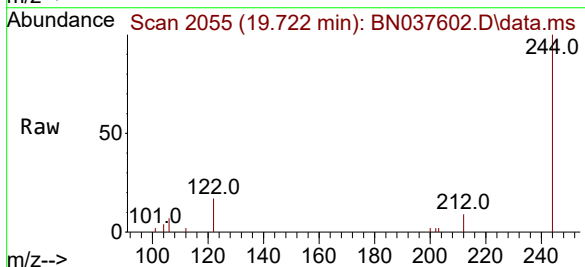
Tgt Ion:244 Resp: 4519

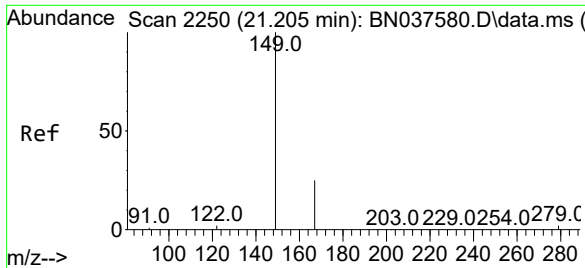
Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.2

122 16.6 13.2 19.8

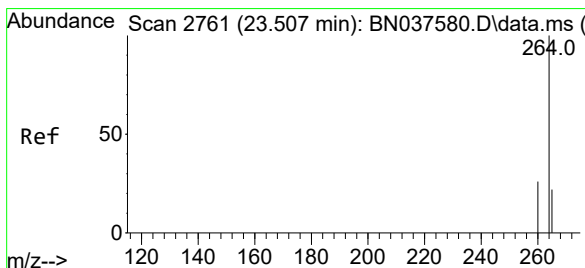
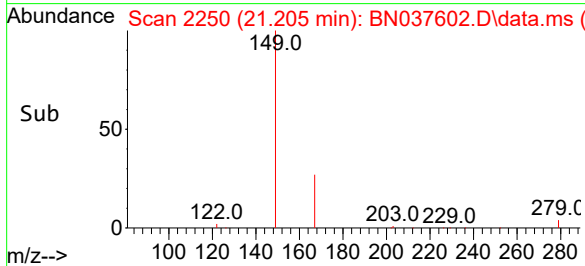
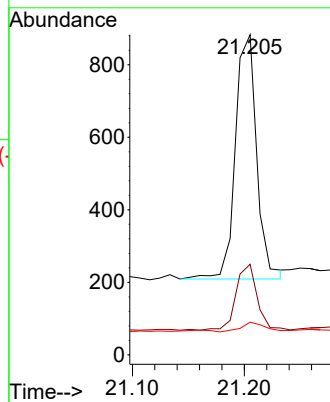
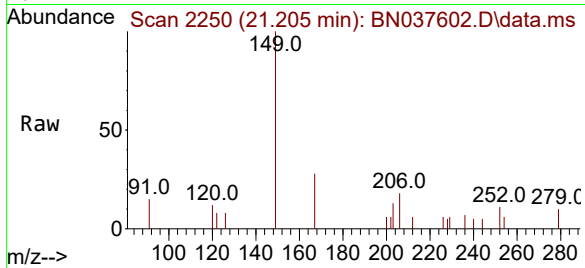




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.145 ng
RT: 21.205 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

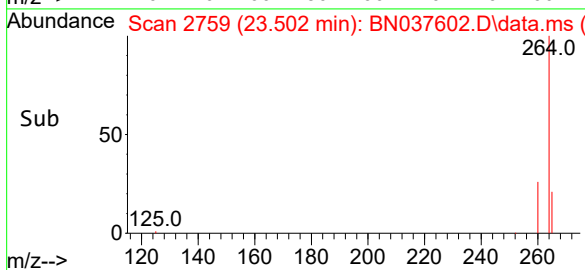
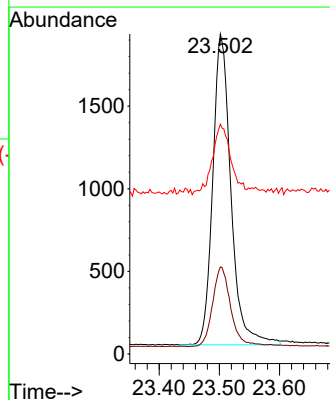
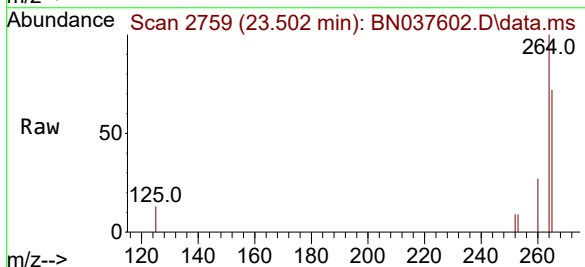
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025

Tgt Ion:149 Resp: 895
Ion Ratio Lower Upper
149 100
167 26.7 20.5 30.7
279 4.7 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037602.D
Acq: 19 Aug 2025 11:52

Tgt Ion:264 Resp: 3954
Ion Ratio Lower Upper
264 100
260 27.2 21.6 32.4
265 71.8 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037620.D
Acq On : 20 Aug 2025 05:27
Operator : RC/JU
Sample : Q2842-01DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Quant Time: Aug 20 06:13:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

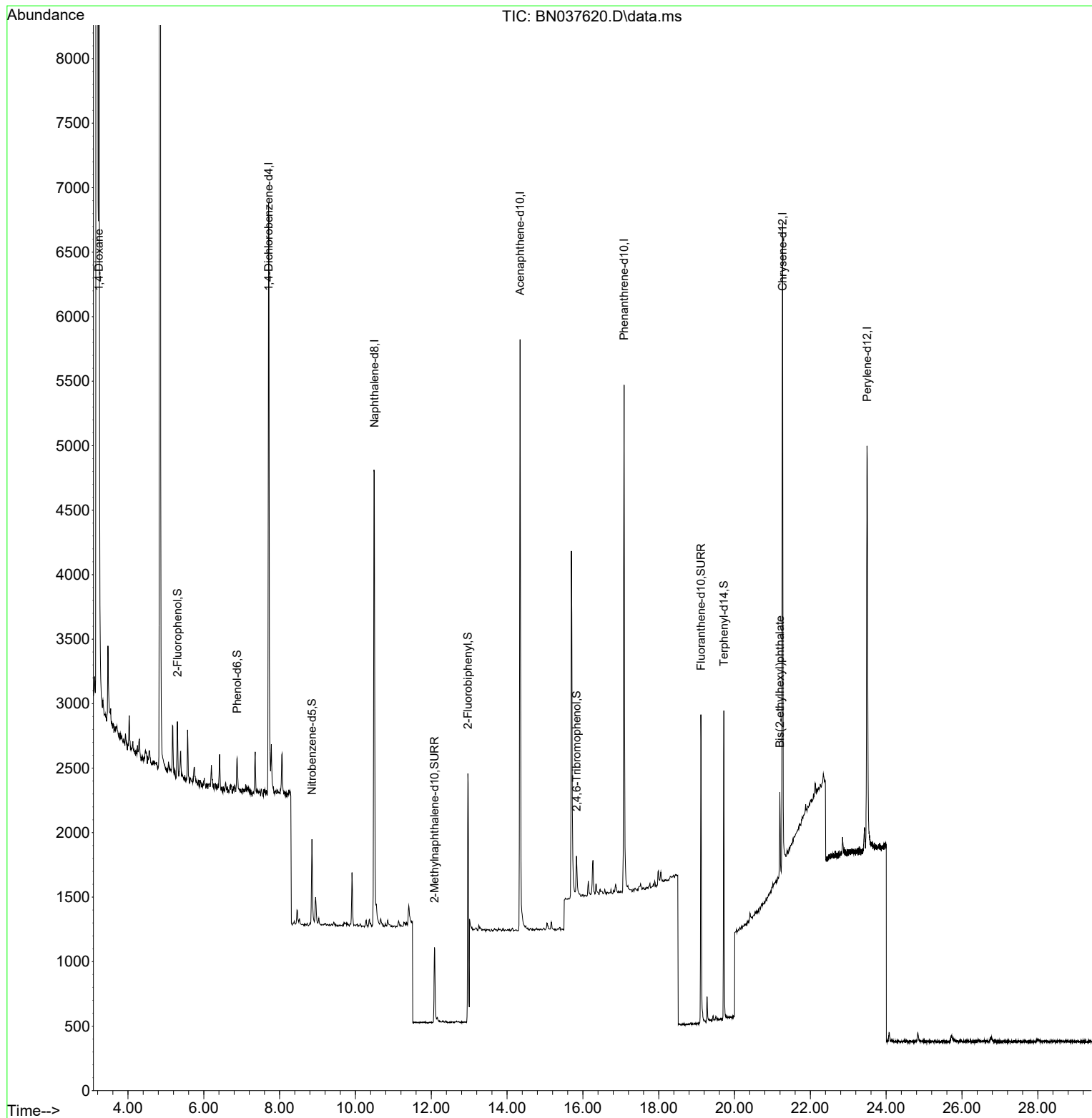
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2332	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5464	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2692	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5770	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4774	0.400	ng	0.00
35) Perylene-d12	23.496	264	4470	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	333	0.063	ng	0.00
5) Phenol-d6	6.879	99	219	0.034	ng	0.00
8) Nitrobenzene-d5	8.854	82	567	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	922	0.124	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	210	0.178	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	2639	0.170	ng	0.00
27) Fluoranthene-d10	19.113	212	2639	0.174	ng	0.00
31) Terphenyl-d14	19.717	244	2370	0.241	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	6690	2.999	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	629	0.096	ng	96

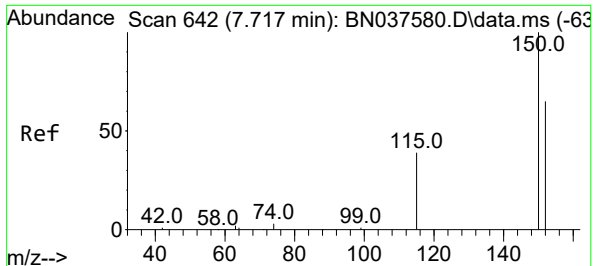
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037620.D
Acq On : 20 Aug 2025 05:27
Operator : RC/JU
Sample : Q2842-01DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

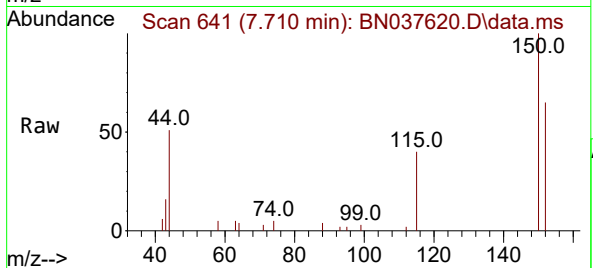
Quant Time: Aug 20 06:13:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



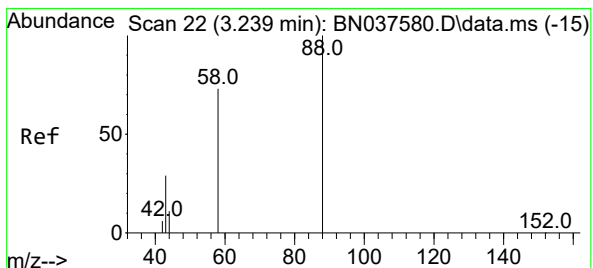
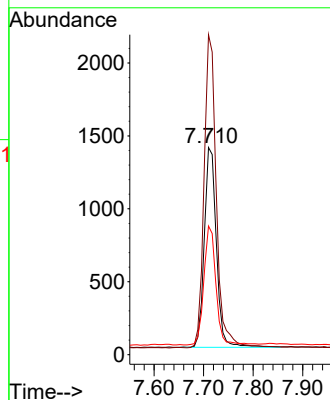
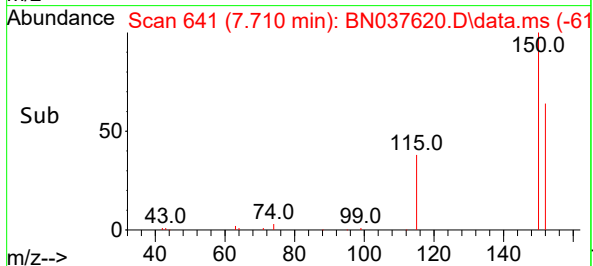


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

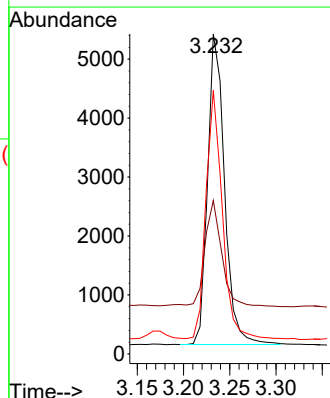
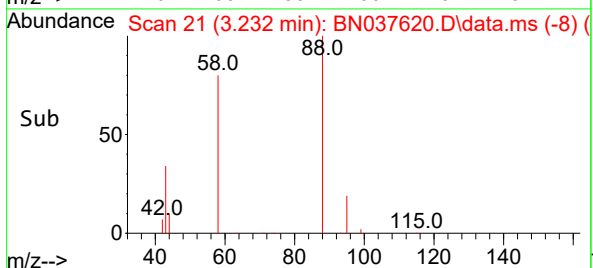
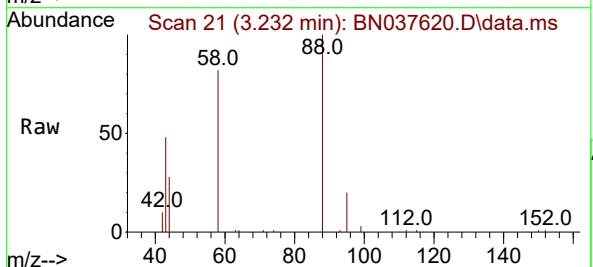


Tgt Ion:152 Resp: 2332
Ion Ratio Lower Upper
152 100
150 154.4 122.2 183.4
115 62.1 49.8 74.6

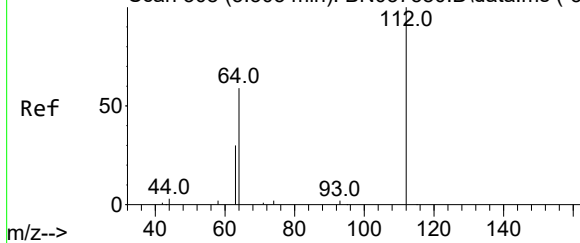


#2
1,4-Dioxane
Concen: 2.999 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion: 88 Resp: 6690
Ion Ratio Lower Upper
88 100
43 34.5 25.8 38.6
58 76.6 61.2 91.8



Abundance Scan 308 (5.305 min): BN037580.D\data.ms (-30



#4

2-Fluorophenol

Concen: 0.063 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025DL

Tgt Ion:112 Resp: 333

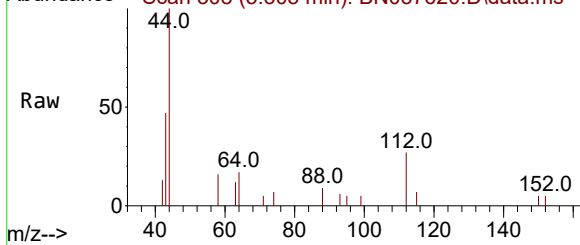
Ion Ratio Lower Upper

112 100

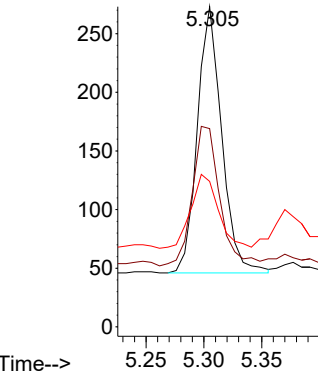
64 58.6 44.9 67.3

63 31.8 23.4 35.2

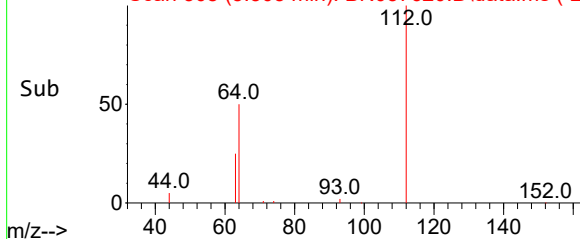
Abundance Scan 308 (5.305 min): BN037620.D\data.ms



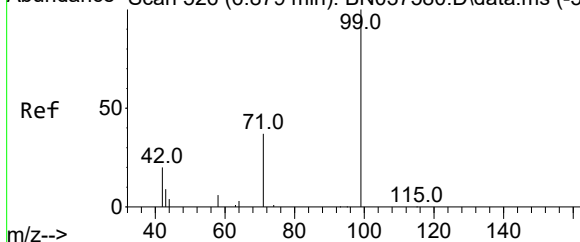
Abundance



Abundance Scan 308 (5.305 min): BN037620.D\data.ms (-28



Abundance Scan 526 (6.879 min): BN037580.D\data.ms (-51



#5

Phenol-d6

Concen: 0.034 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

Tgt Ion: 99 Resp: 219

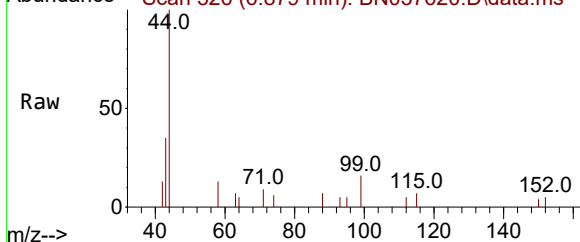
Ion Ratio Lower Upper

99 100

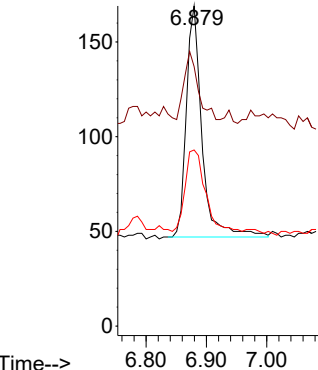
42 26.0 18.5 27.7

71 47.5 28.6 42.8#

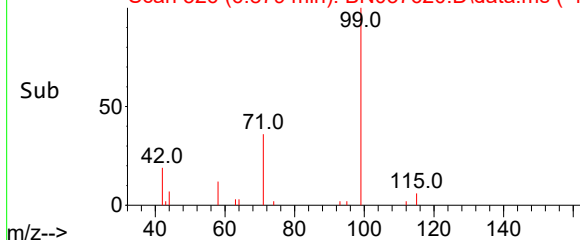
Abundance Scan 526 (6.879 min): BN037620.D\data.ms

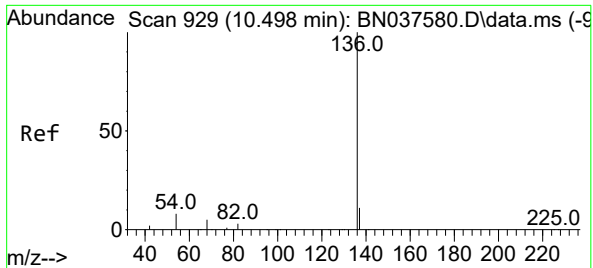


Abundance



Abundance Scan 526 (6.879 min): BN037620.D\data.ms (-49

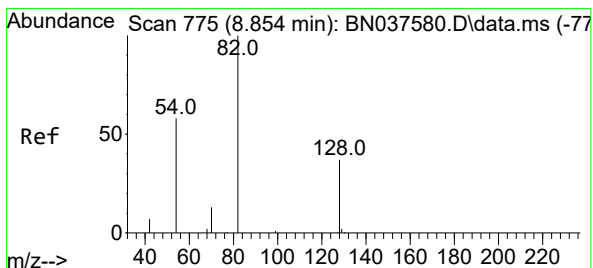
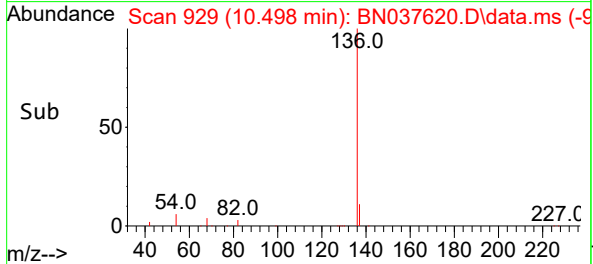
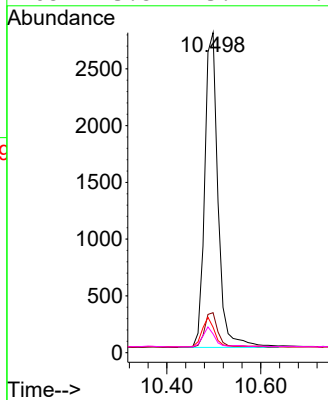
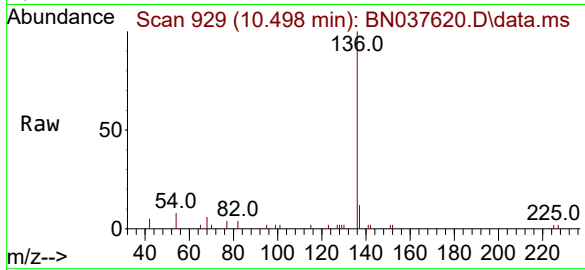




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

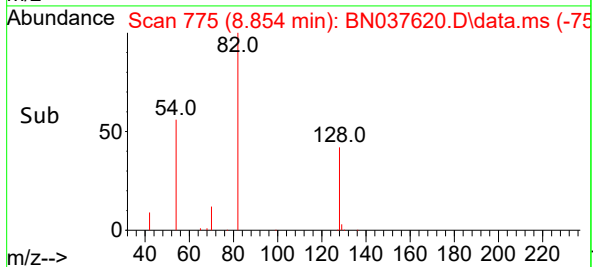
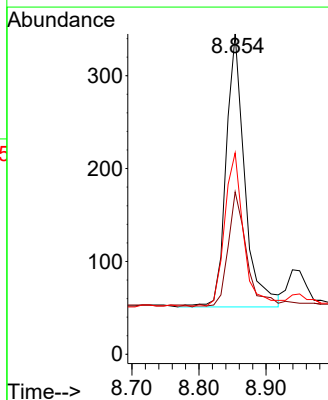
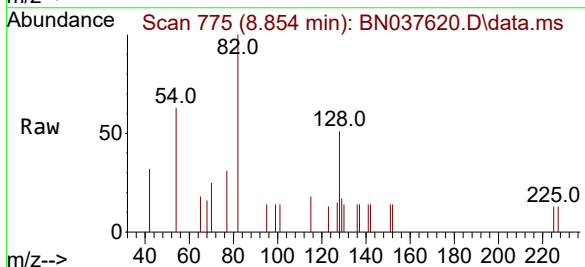
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

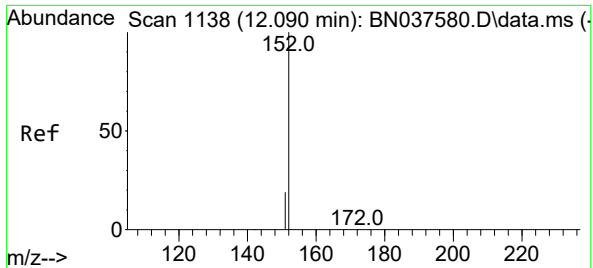
Tgt Ion:	136	Resp:	5464
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	7.9	7.3	10.9
68	5.8	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:	82	Resp:	567
Ion	Ratio	Lower	Upper
82	100		
128	50.7	32.6	48.8#
54	62.9	48.9	73.3

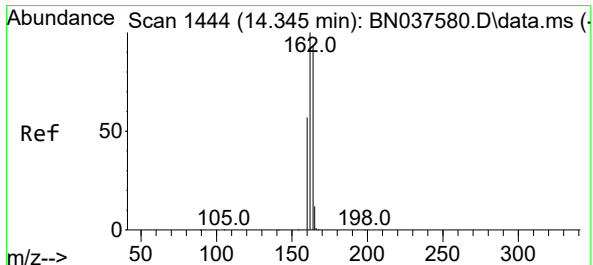
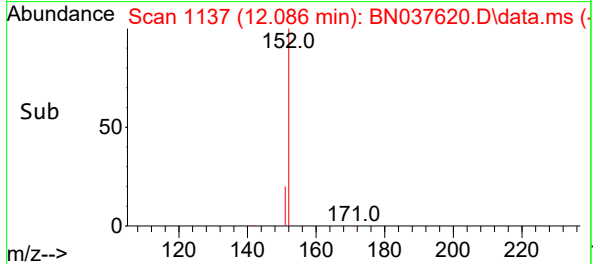
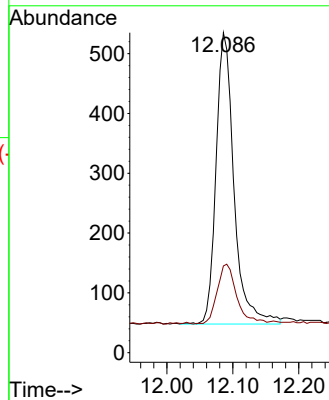
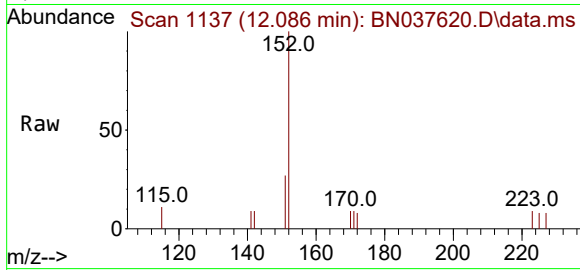




#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 12.086 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

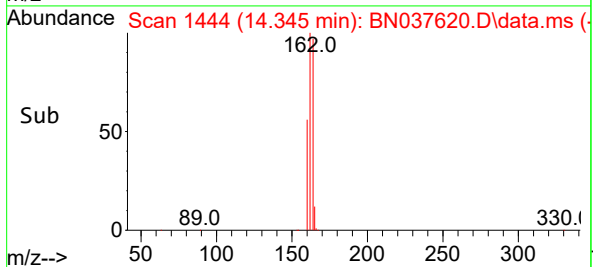
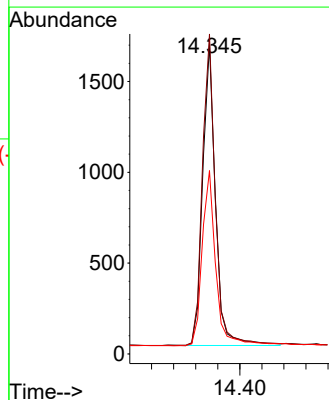
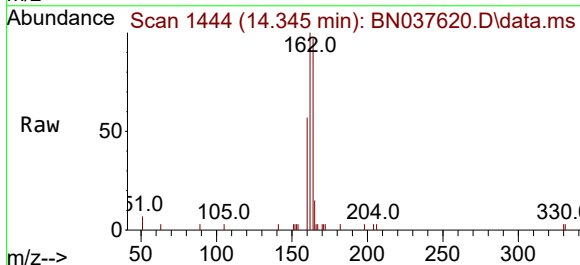
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

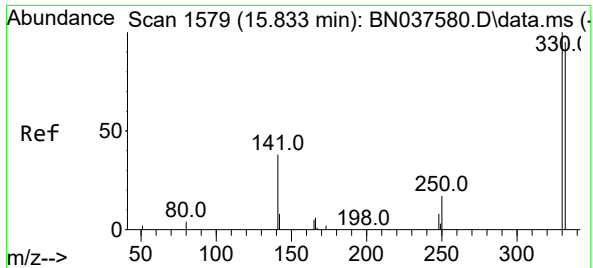
Tgt Ion:152 Resp: 922
Ion Ratio Lower Upper
152 100
151 22.5 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:164 Resp: 2692
Ion Ratio Lower Upper
164 100
162 103.3 85.5 128.3
160 59.2 49.5 74.3

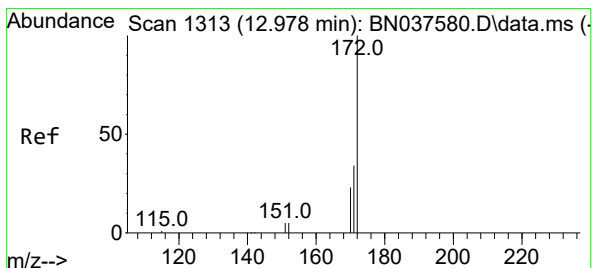
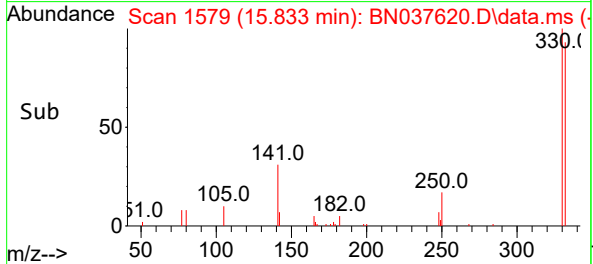
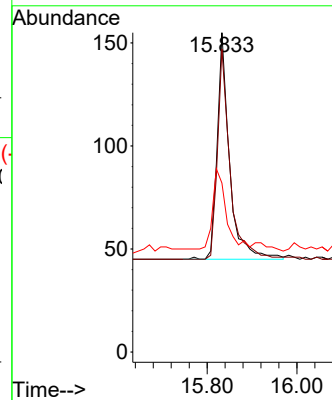
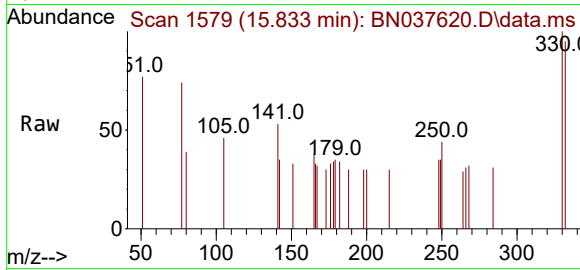




#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

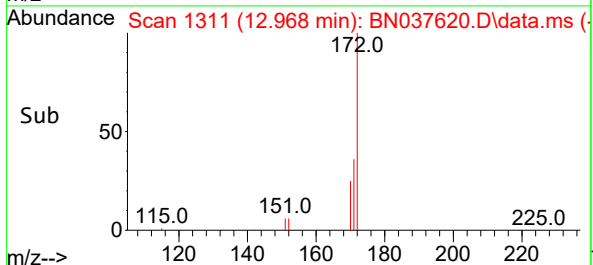
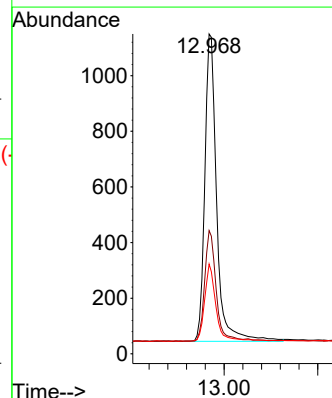
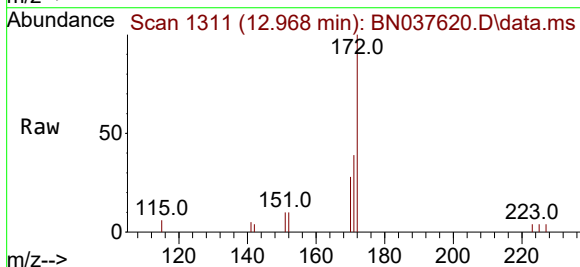
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

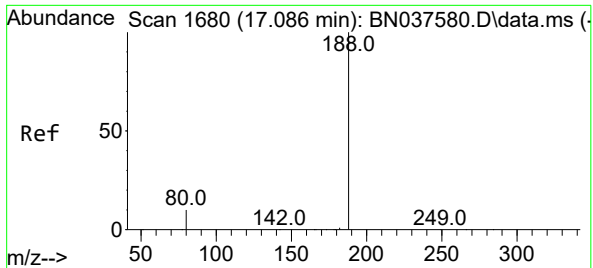
Tgt Ion:	330	Resp:	210
Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.0
141	38.1	30.9	46.3



#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:	172	Resp:	2639
Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.2	42.4
170	28.1	19.2	28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025DL

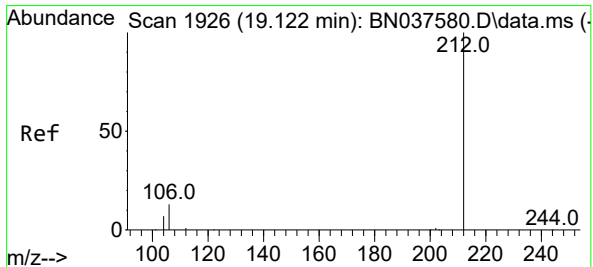
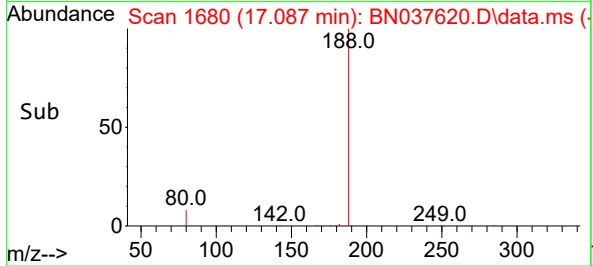
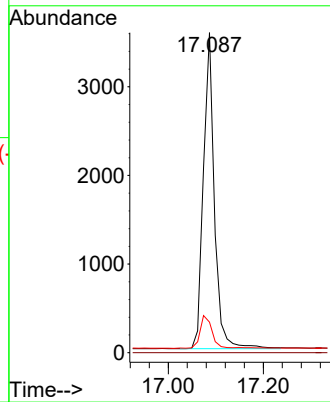
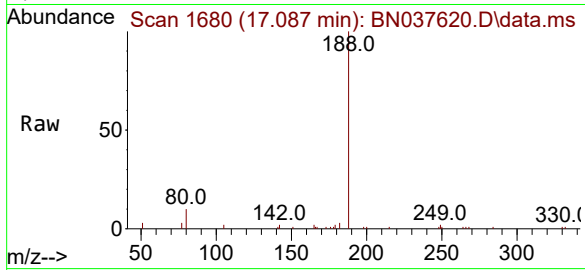
Tgt Ion:188 Resp: 5770

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.174 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

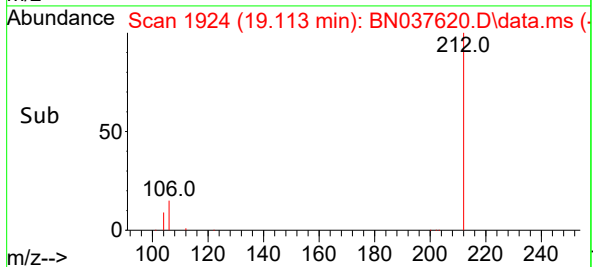
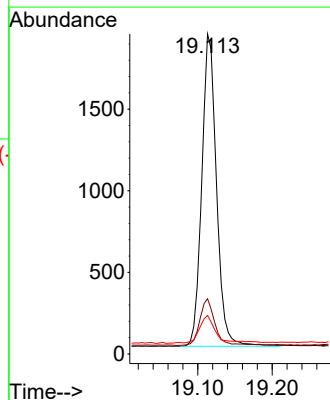
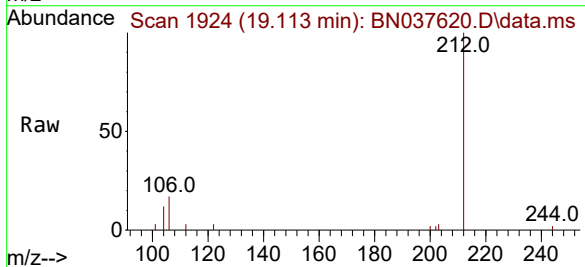
Tgt Ion:212 Resp: 2639

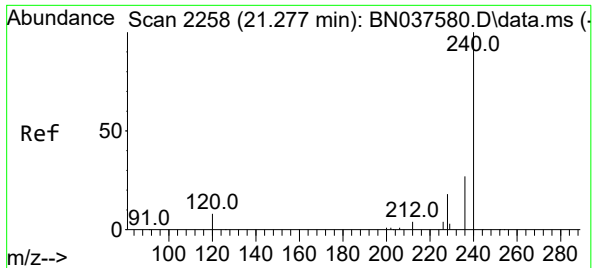
Ion Ratio Lower Upper

212 100

106 15.1 11.5 17.3

104 9.0 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

Instrument :

BNA_N

ClientSampleId :

RMW-03B-90.4-08122025DL

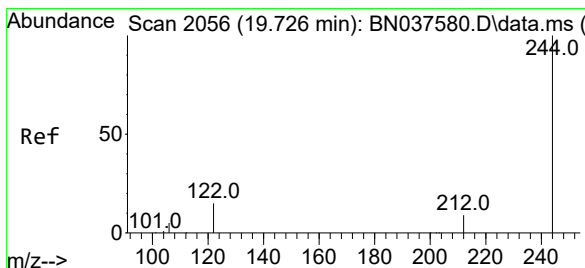
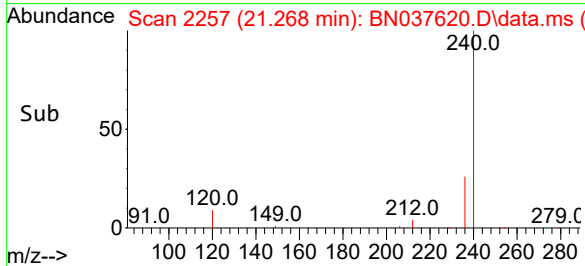
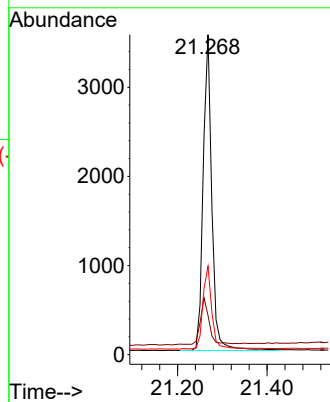
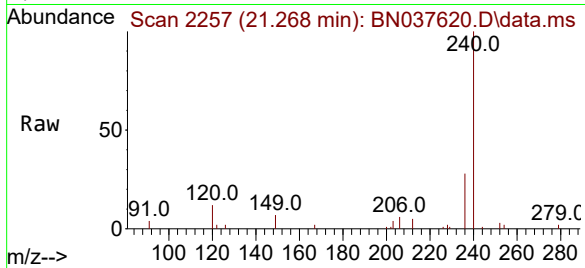
Tgt Ion:240 Resp: 4774

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

236 27.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.241 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037620.D

Acq: 20 Aug 2025 05:27

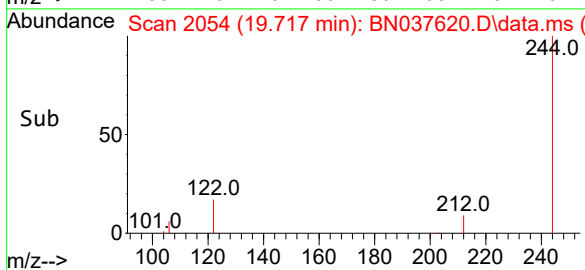
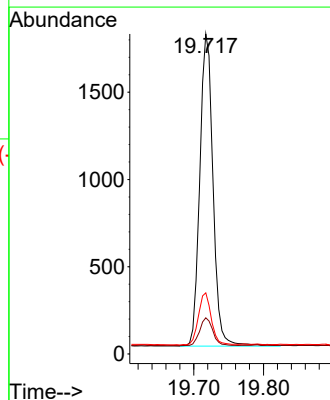
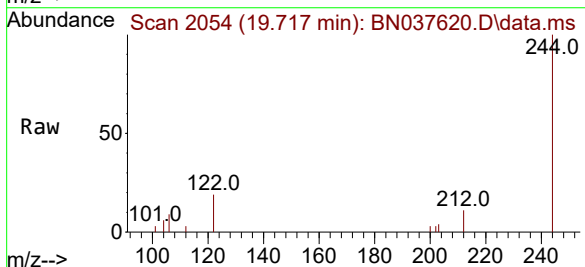
Tgt Ion:244 Resp: 2370

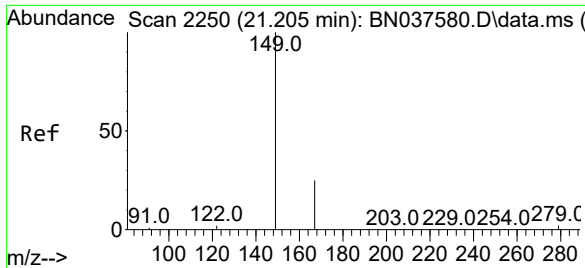
Ion Ratio Lower Upper

244 100

212 11.3 8.2 12.2

122 19.1 13.2 19.8

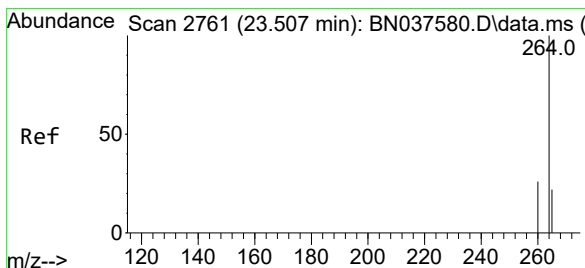
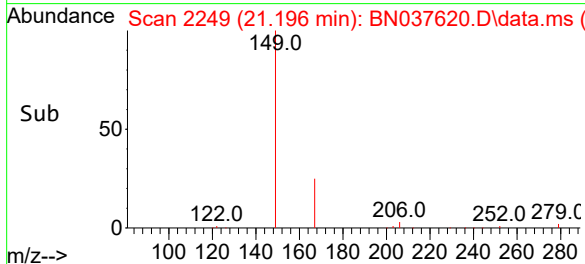
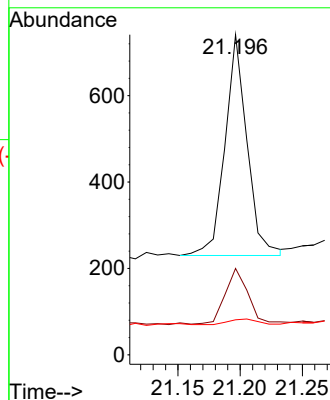
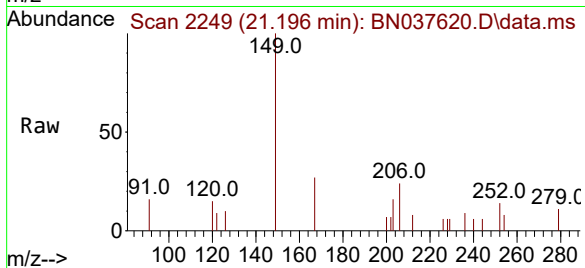




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

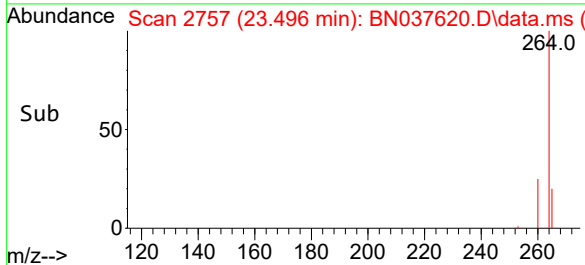
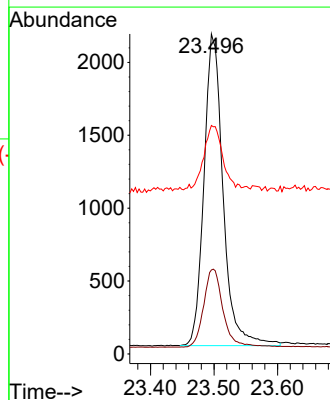
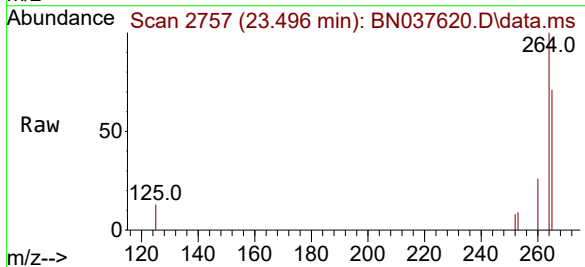
Instrument :
BNA_N
ClientSampleId :
RMW-03B-90.4-08122025DL

Tgt Ion:149 Resp: 629
Ion Ratio Lower Upper
149 100
167 27.7 20.5 30.7
279 3.2 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.496 min Scan# 2757
Delta R.T. -0.011 min
Lab File: BN037620.D
Acq: 20 Aug 2025 05:27

Tgt Ion:264 Resp: 4470
Ion Ratio Lower Upper
264 100
260 26.2 21.6 32.4
265 71.4 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037603.D
Acq On : 19 Aug 2025 12:28
Operator : RC/JU
Sample : Q2842-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 20 01:25:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

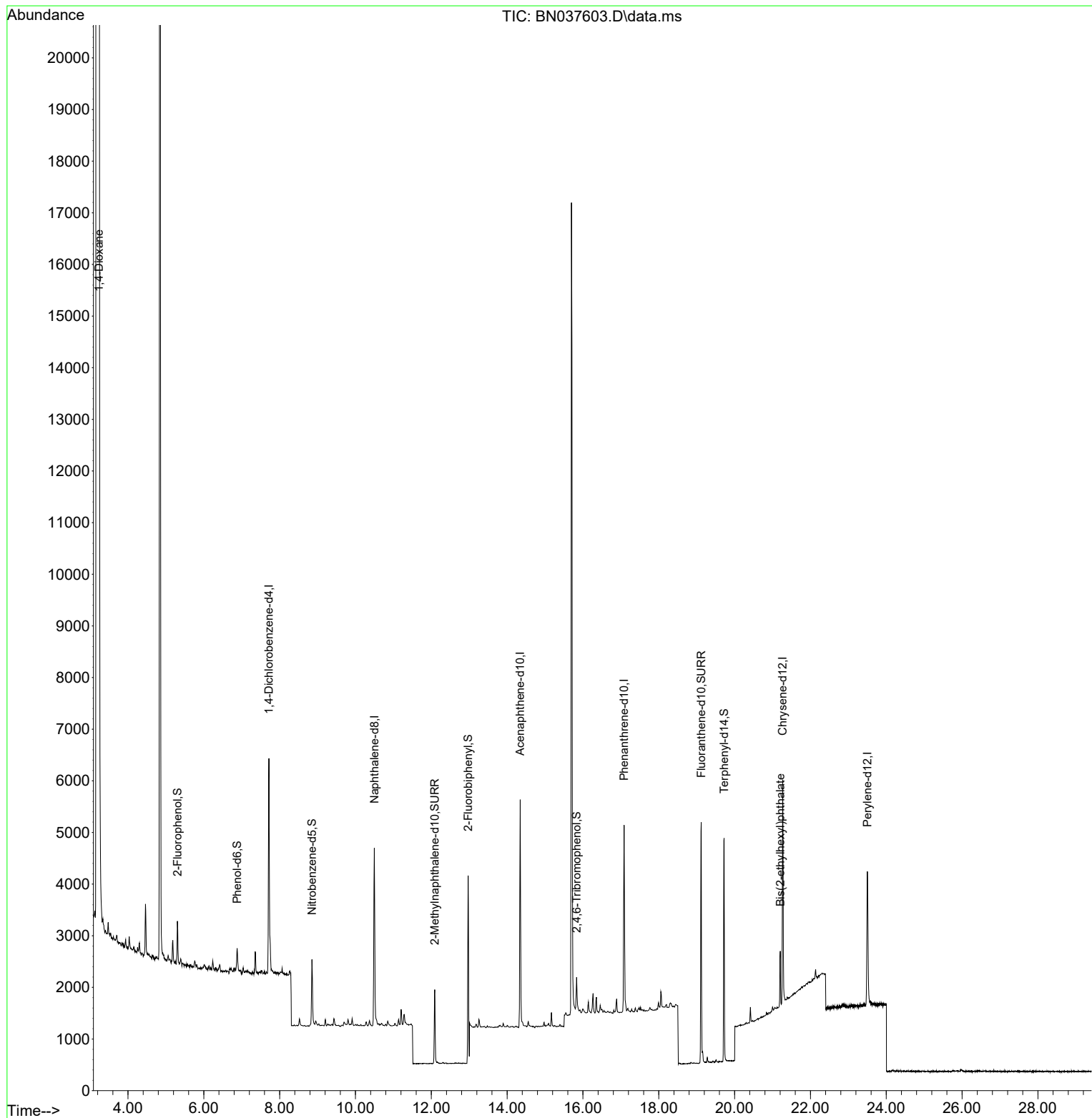
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2003	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4852	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2452	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5058	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4260	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3745	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	628	0.138	ng	0.00
5) Phenol-d6	6.880	99	423	0.077	ng	0.00
8) Nitrobenzene-d5	8.854	82	1127	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2003	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	394	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4739	0.334	ng	0.00
27) Fluoranthene-d10	19.118	212	5190	0.390	ng	0.00
31) Terphenyl-d14	19.722	244	4279	0.488	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	42068	21.952	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	1082	0.184	ng	99

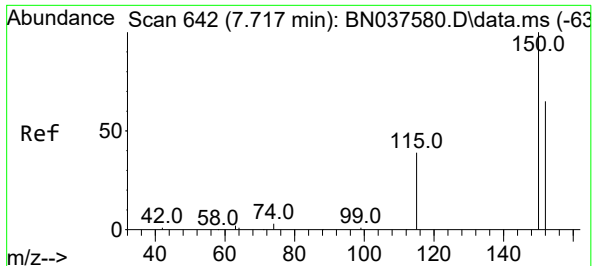
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037603.D
Acq On : 19 Aug 2025 12:28
Operator : RC/JU
Sample : Q2842-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

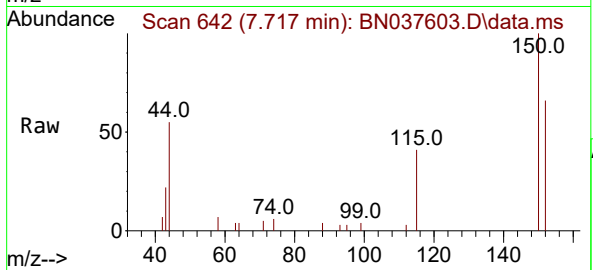
Quant Time: Aug 20 01:25:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration





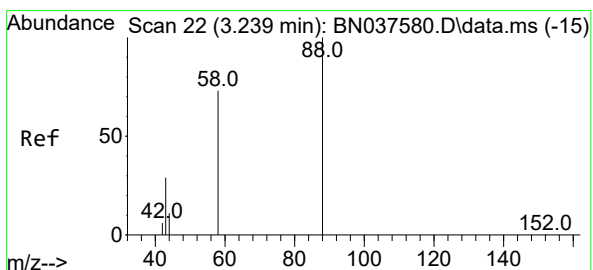
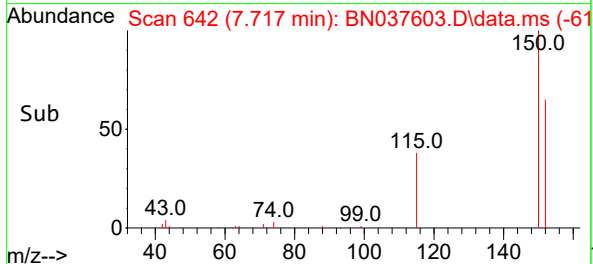
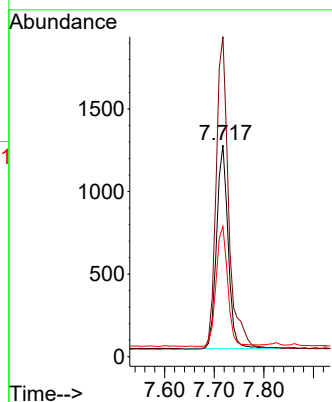
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037603.D
 Acq: 19 Aug 2025 12:28

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66.3-08122025



Tgt Ion: 152 Resp: 2003

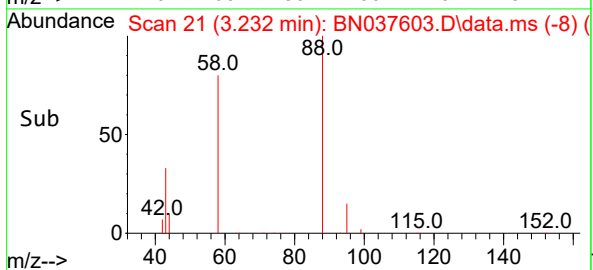
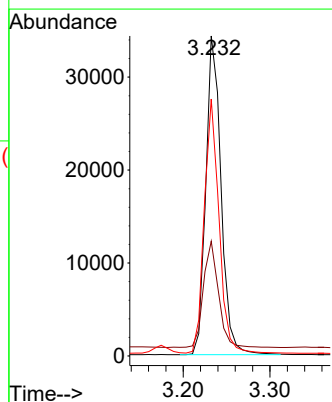
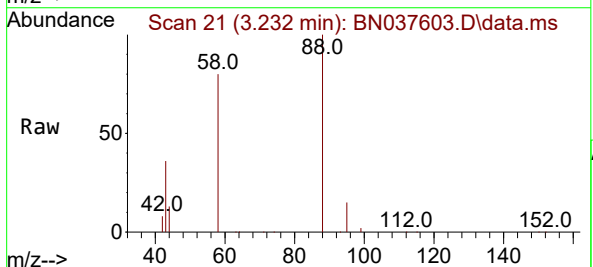
Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.2	183.4
115	61.6	49.8	74.6

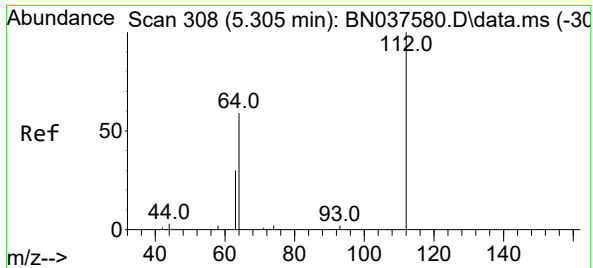


#2
 1,4-Dioxane
 Concen: 21.952 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037603.D
 Acq: 19 Aug 2025 12:28

Tgt Ion: 88 Resp: 42068

Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.6
58	76.8	61.2	91.8

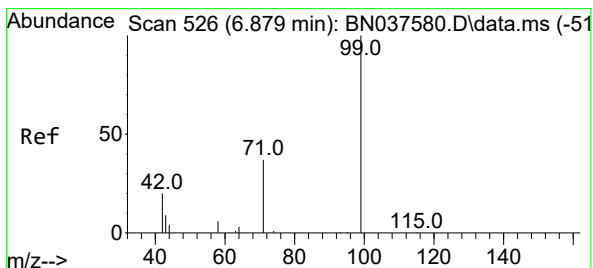
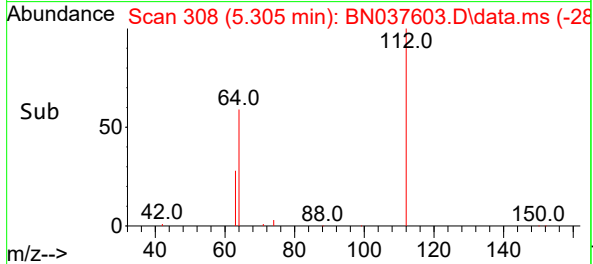
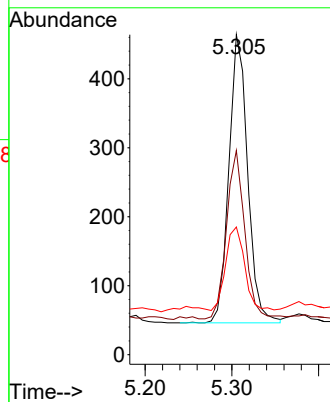
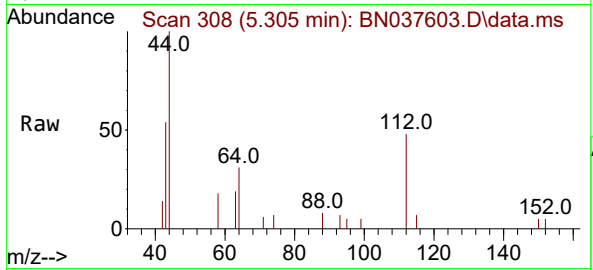




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

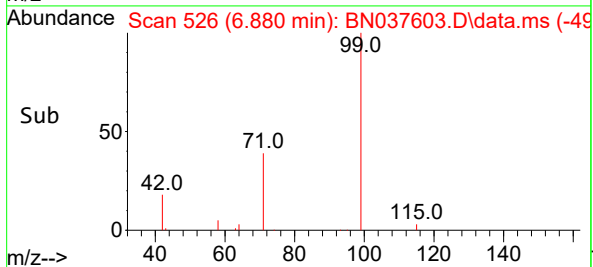
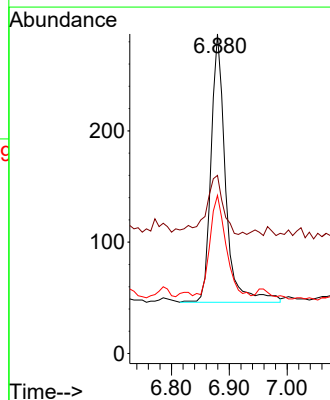
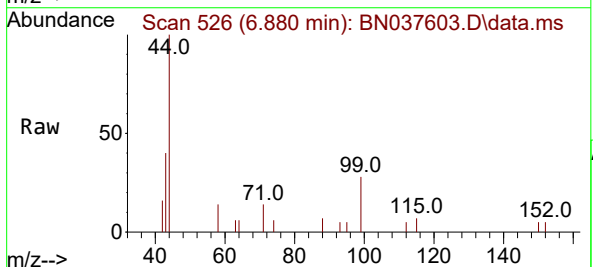
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

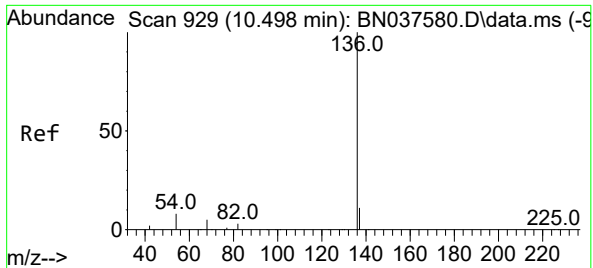
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.9	67.3
63	29.5	23.4	35.2



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.880 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.2	18.5	27.7
71	44.4	28.6	42.8

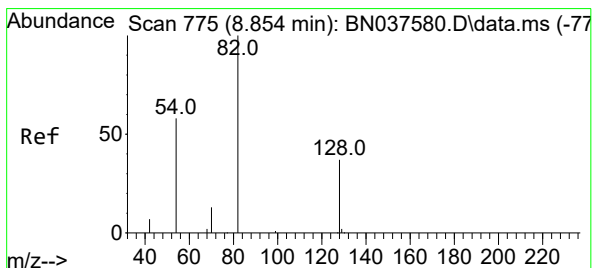
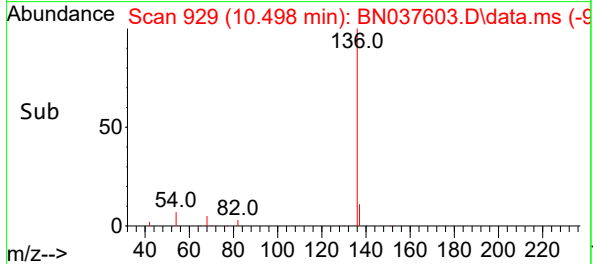
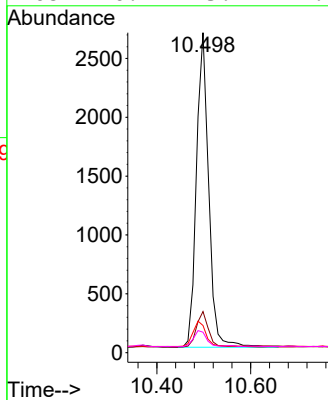
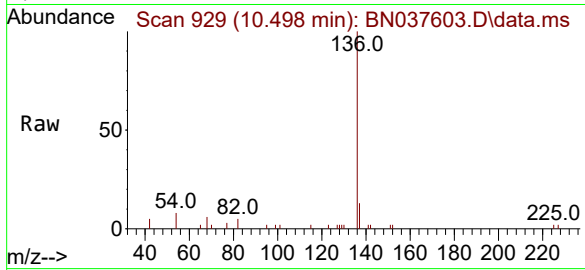




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

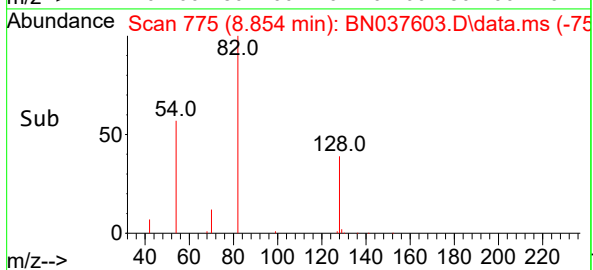
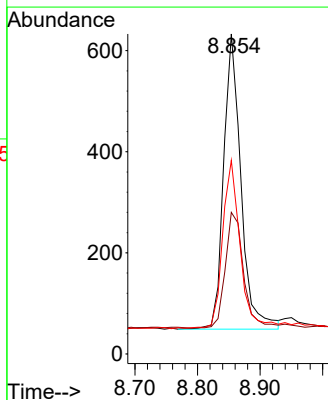
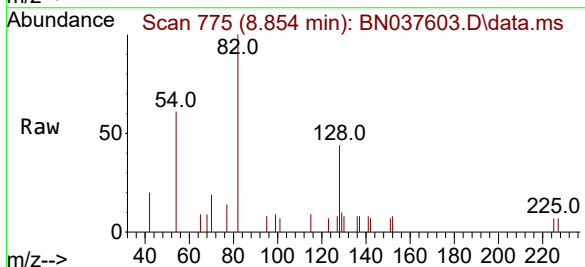
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

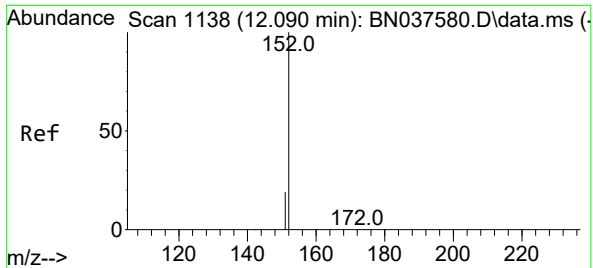
Tgt Ion:	136	Resp:	4852
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	8.5	7.3	10.9
68	6.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:	82	Resp:	1127
Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.6	48.8
54	60.5	48.9	73.3

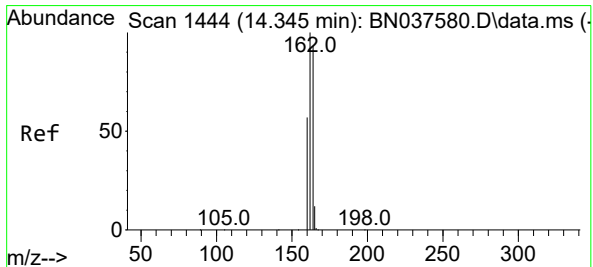
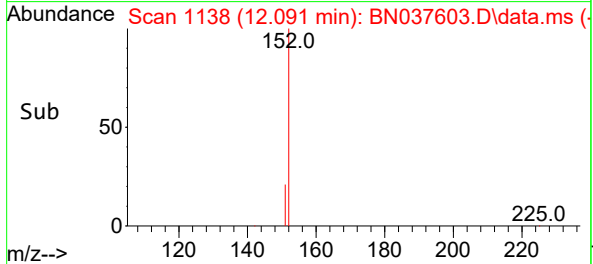
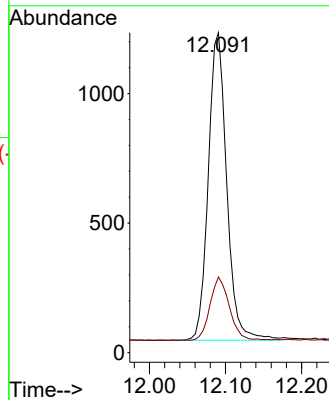
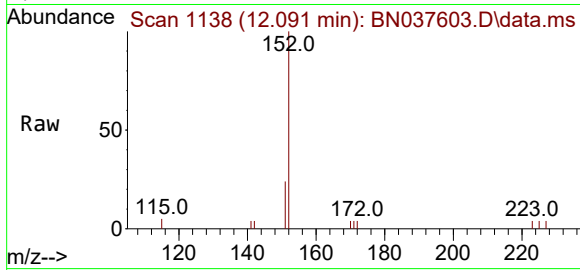




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

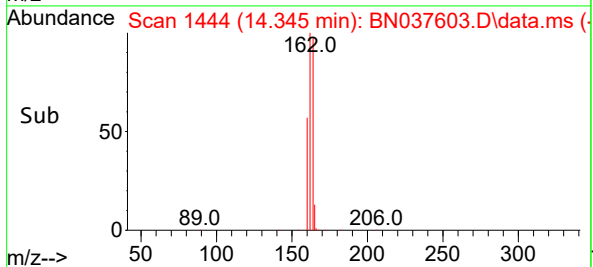
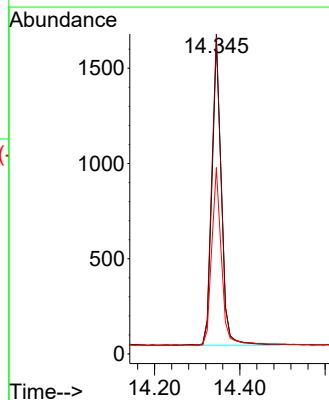
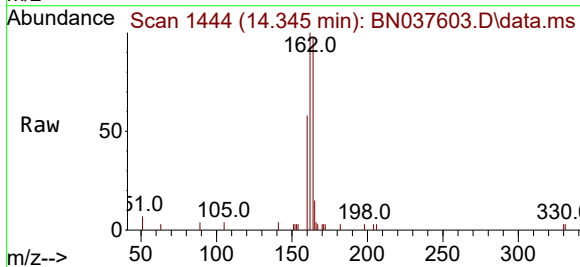
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

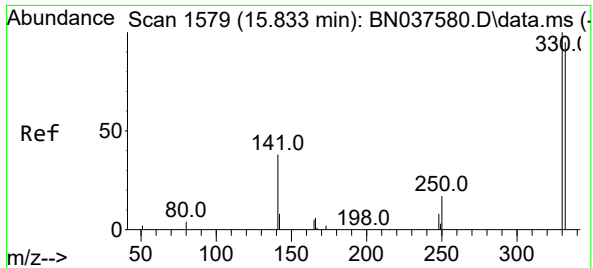
Tgt Ion:152 Resp: 2003
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
162 102.3 85.5 128.3
160 59.6 49.5 74.3

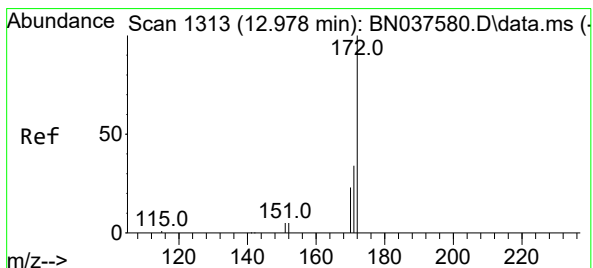
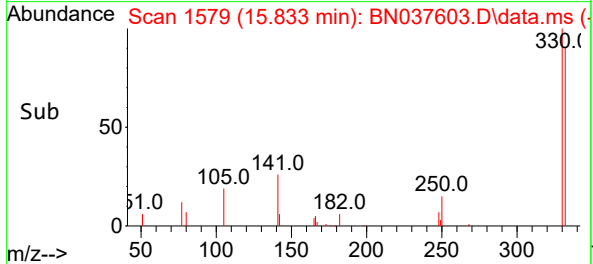
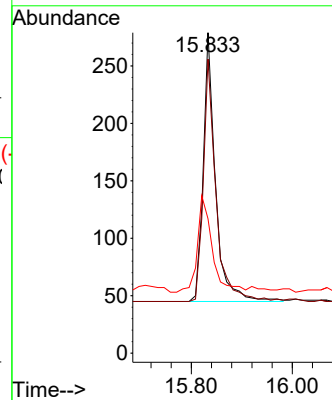
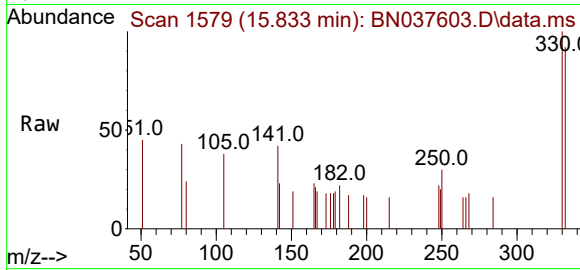




#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

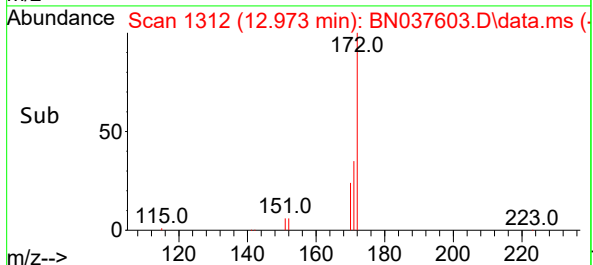
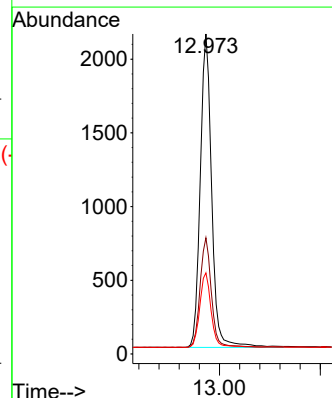
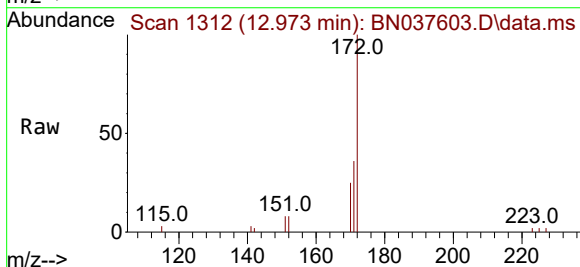
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

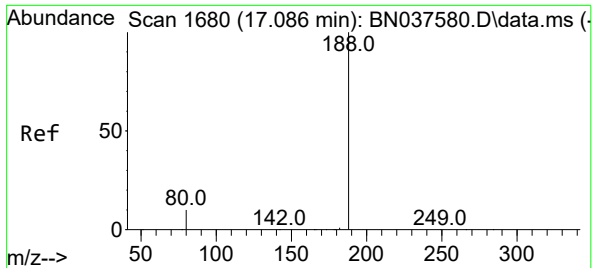
Tgt Ion:	330	Resp:	394
Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.4	116.0
141	43.4	30.9	46.3



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:	172	Resp:	4739
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.4
170	25.3	19.2	28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025

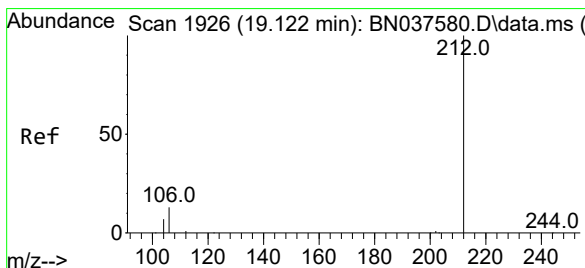
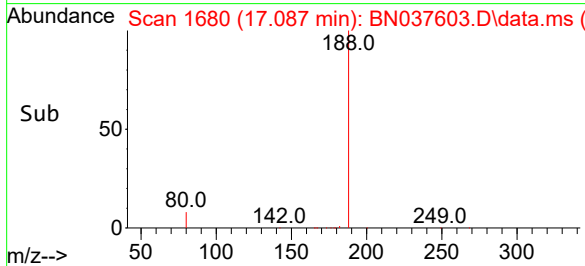
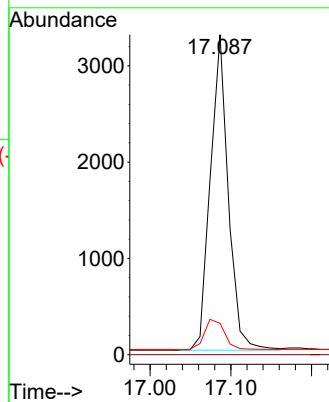
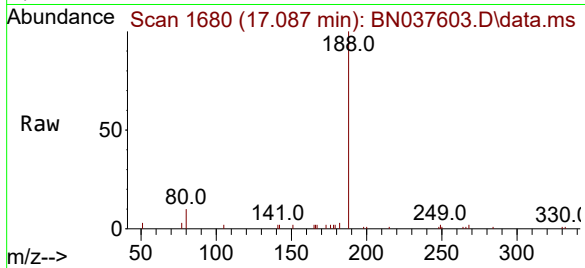
Tgt Ion:188 Resp: 5058

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.004 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

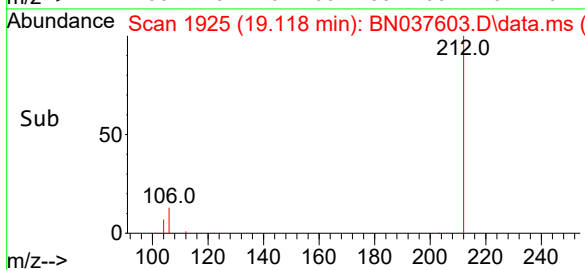
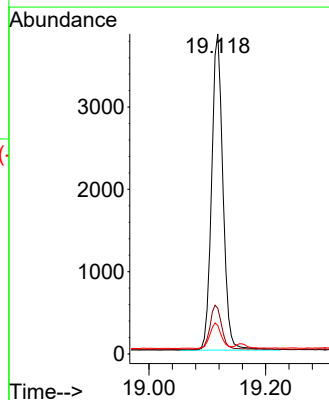
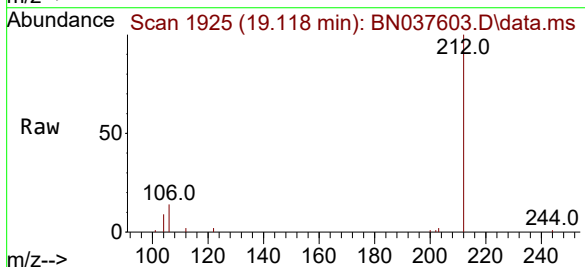
Tgt Ion:212 Resp: 5190

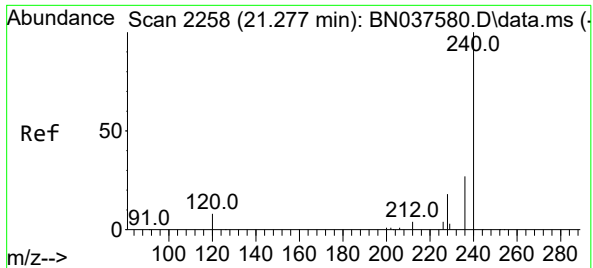
Ion Ratio Lower Upper

212 100

106 14.6 11.5 17.3

104 8.1 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025

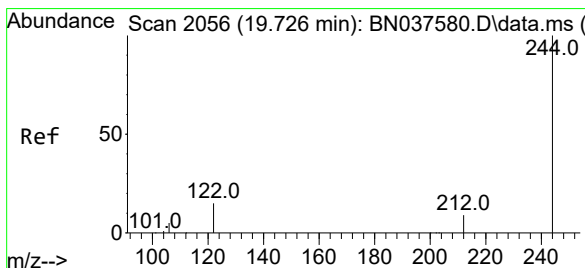
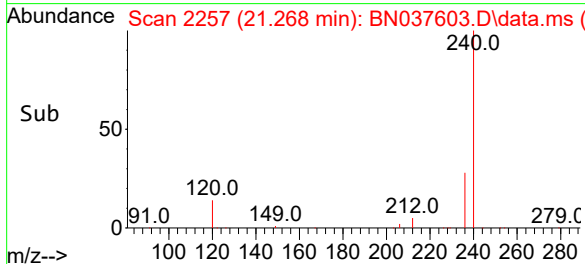
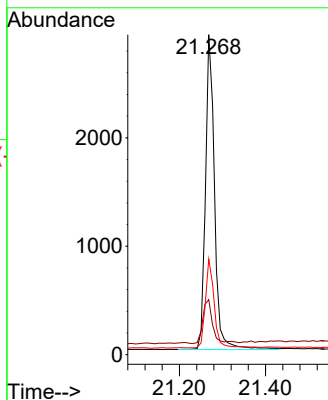
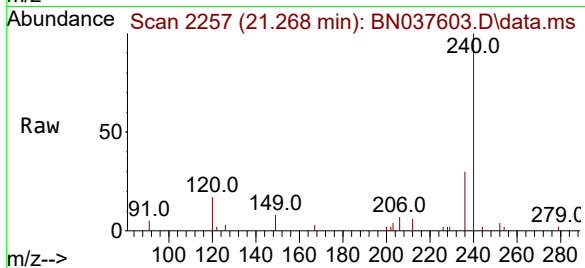
Tgt Ion:240 Resp: 4260

Ion Ratio Lower Upper

240 100

120 17.2 8.9 13.3#

236 29.9 22.6 33.8



#31

Terphenyl-d14

Concen: 0.488 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.004 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

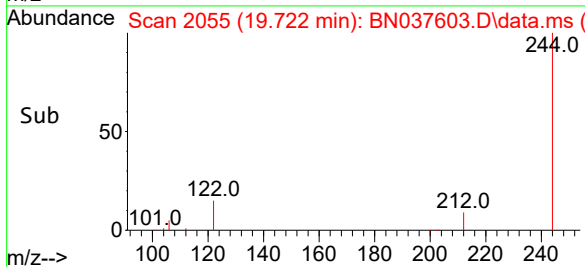
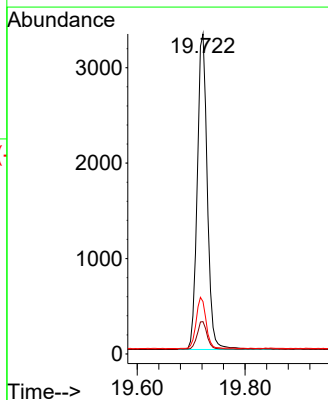
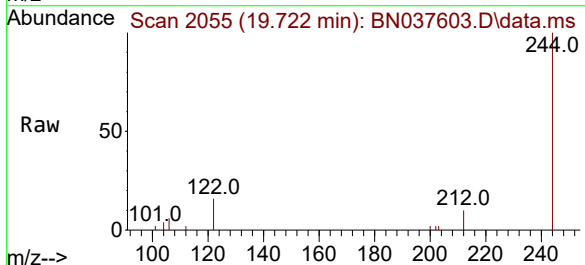
Tgt Ion:244 Resp: 4279

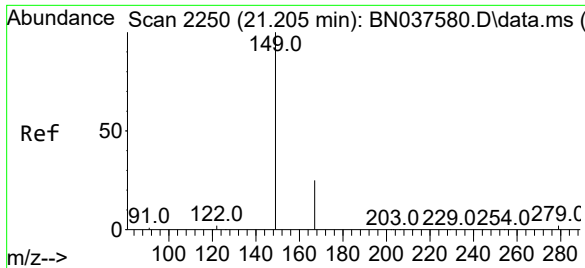
Ion Ratio Lower Upper

244 100

212 10.1 8.2 12.2

122 16.3 13.2 19.8

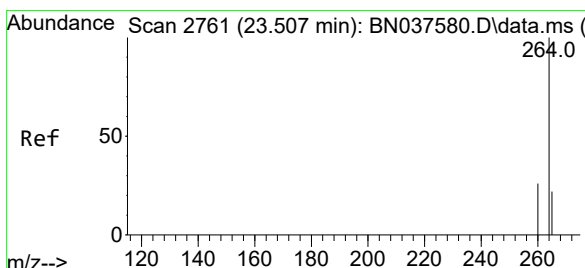
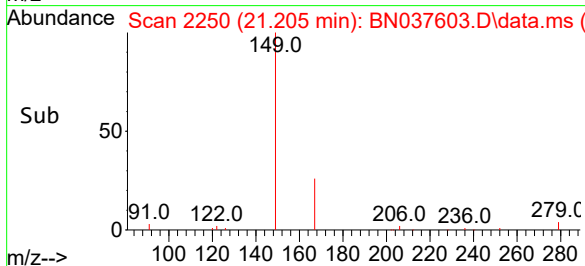
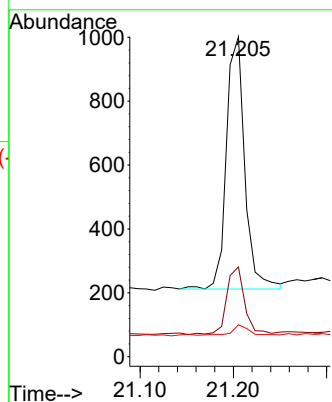
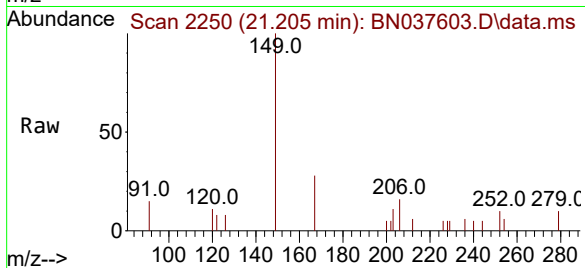




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.184 ng
RT: 21.205 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

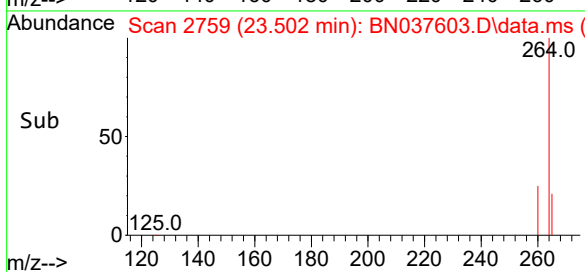
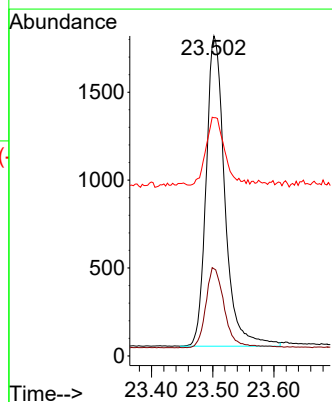
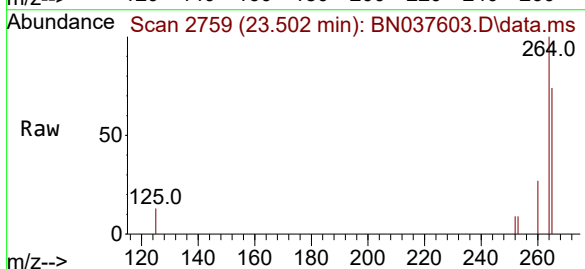
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

Tgt Ion:149 Resp: 1082
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 3.7 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:264 Resp: 3745
Ion Ratio Lower Upper
264 100
260 27.3 21.6 32.4
265 74.5 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037621.D
 Acq On : 20 Aug 2025 06:03
 Operator : RC/JU
 Sample : Q2842-02DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66.3-08122025DL

Quant Time: Aug 20 06:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

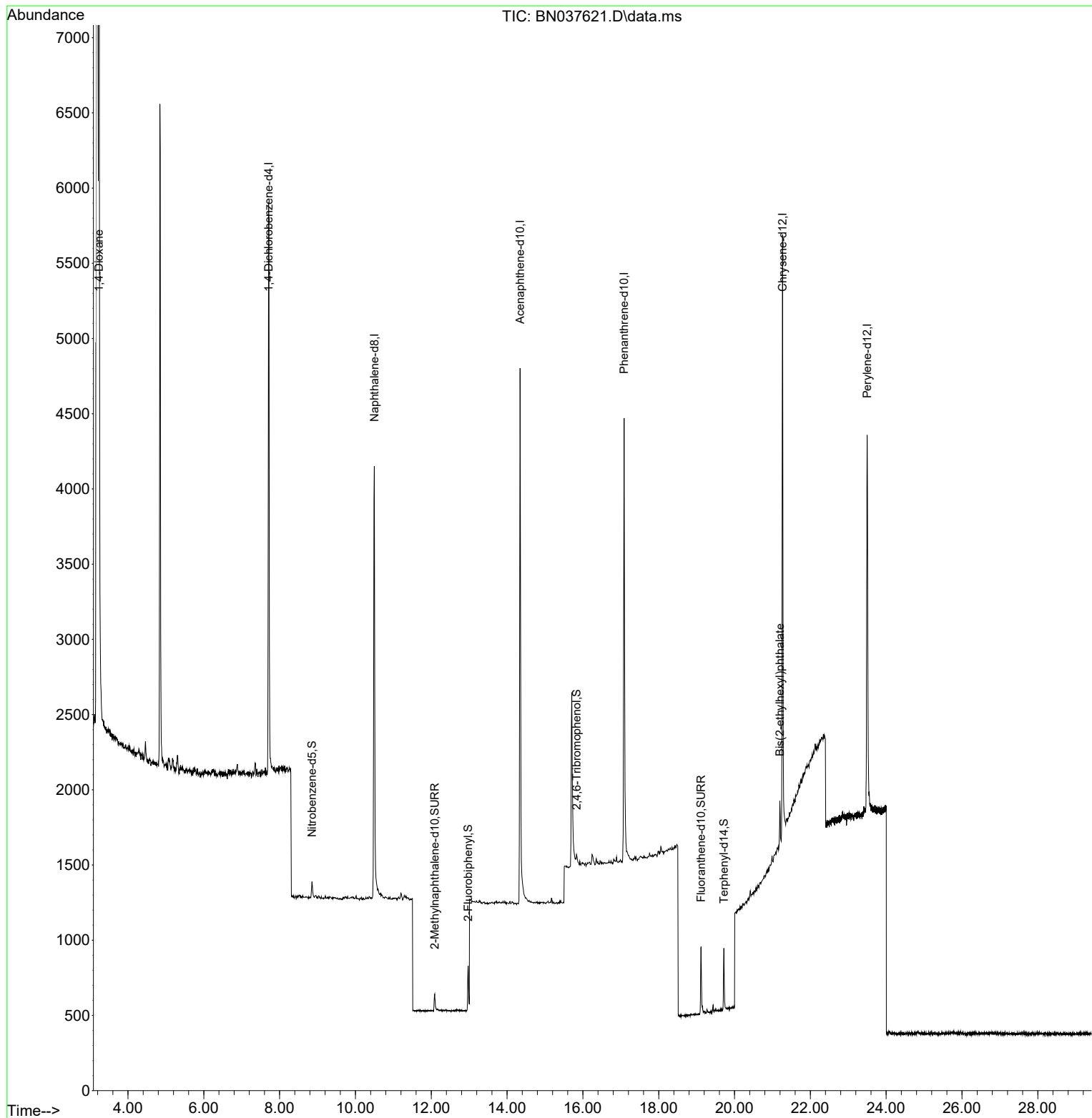
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	1938	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4467	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2275	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4809	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3968	0.400	ng	# 0.00
35) Perylene-d12	23.501	264	3640	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	72	0.016	ng	0.00
5) Phenol-d6	6.879	99	50	0.009	ng	0.00
8) Nitrobenzene-d5	8.854	82	113	0.036	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	192	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	41	0.041	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	478	0.036	ng	0.00
27) Fluoranthene-d10	19.118	212	570	0.045	ng	0.00
31) Terphenyl-d14	19.717	244	449	0.055	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	4850	2.616	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	315	0.058	ng	96

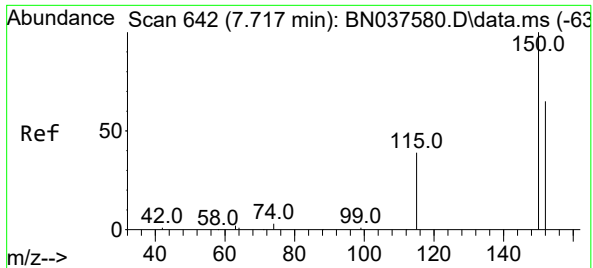
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037621.D
Acq On : 20 Aug 2025 06:03
Operator : RC/JU
Sample : Q2842-02DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

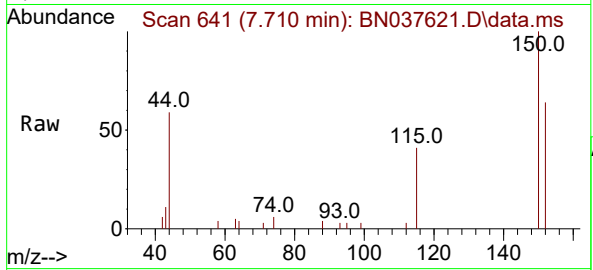
Quant Time: Aug 20 06:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



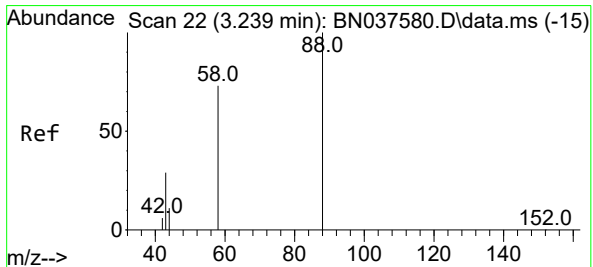
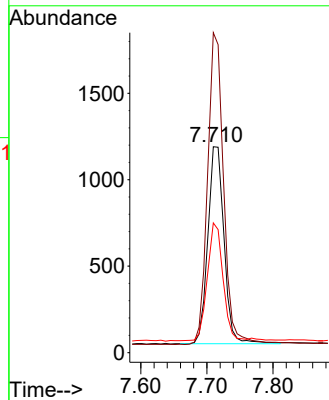
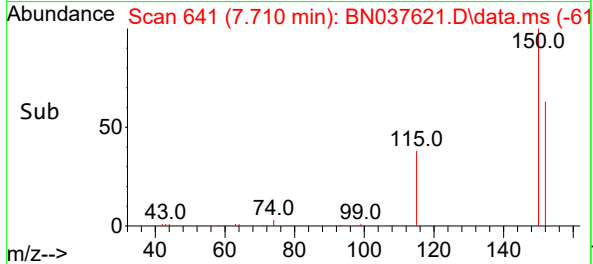


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

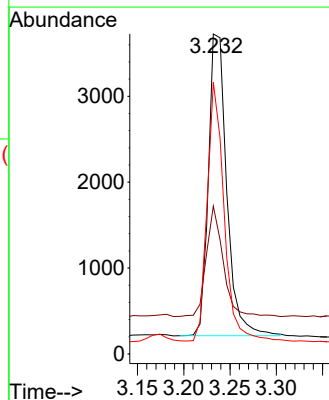
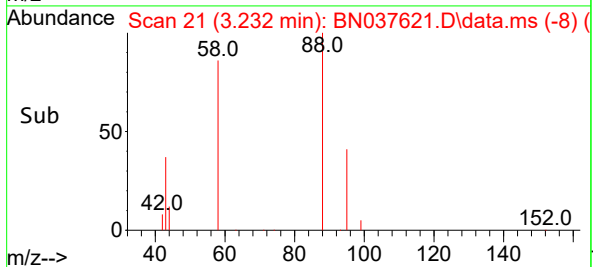
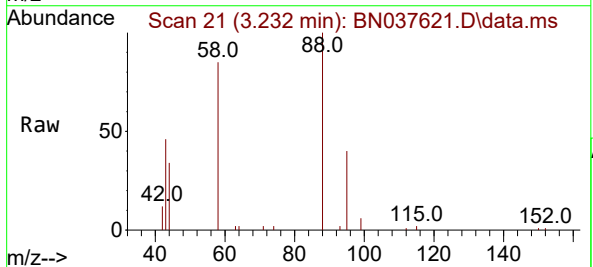


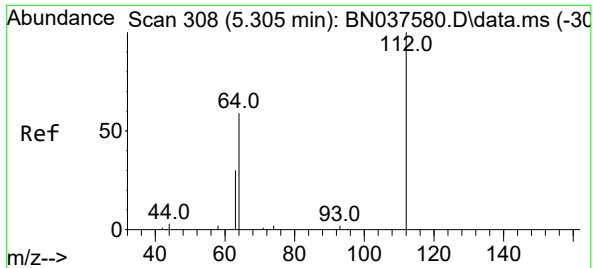
Tgt Ion: 152 Resp: 1938
Ion Ratio Lower Upper
152 100
150 155.4 122.2 183.4
115 63.0 49.8 74.6



#2
1,4-Dioxane
Concen: 2.616 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion: 88 Resp: 4850
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.6
58 78.7 61.2 91.8

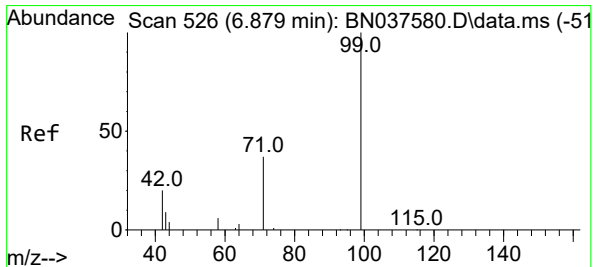
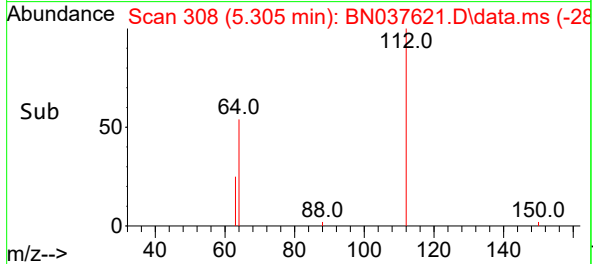
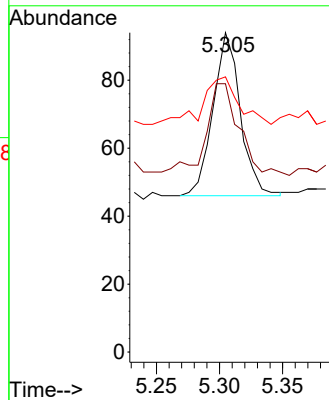
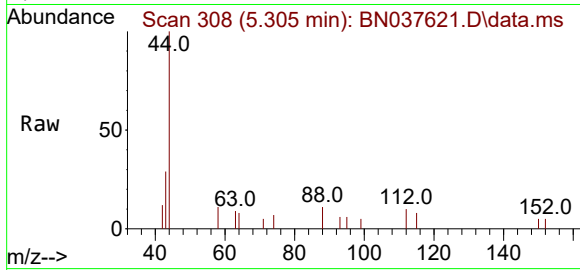




#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

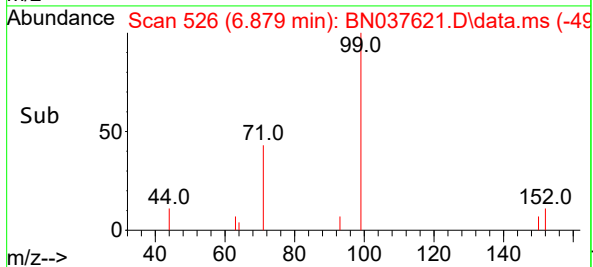
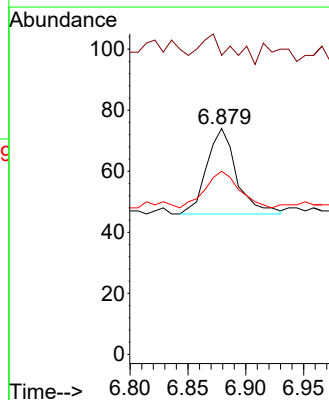
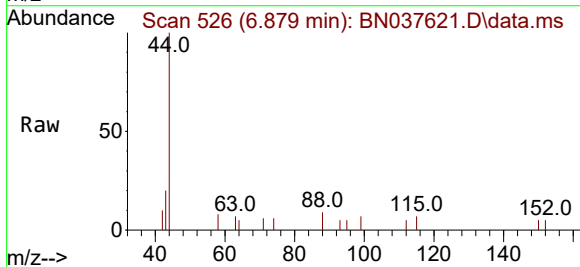
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

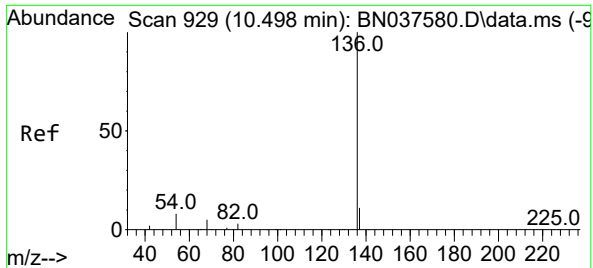
Tgt Ion: 112 Resp: 72
Ion Ratio Lower Upper
112 100
64 69.4 44.9 67.3#
63 45.8 23.4 35.2#



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion: 99 Resp: 50
Ion Ratio Lower Upper
99 100
42 36.0 18.5 27.7#
71 54.0 28.6 42.8#

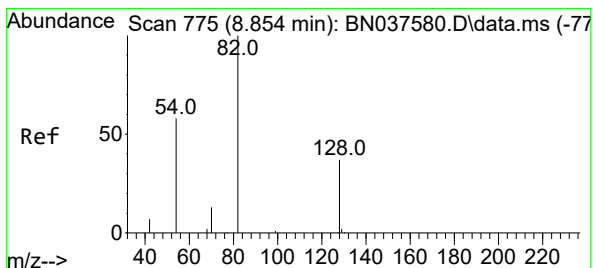
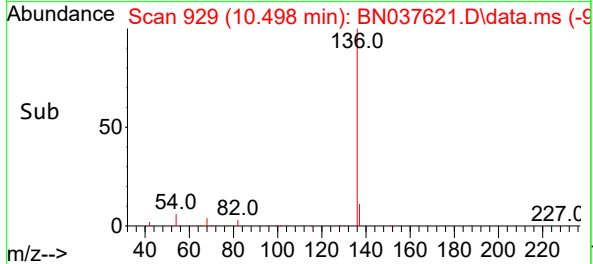
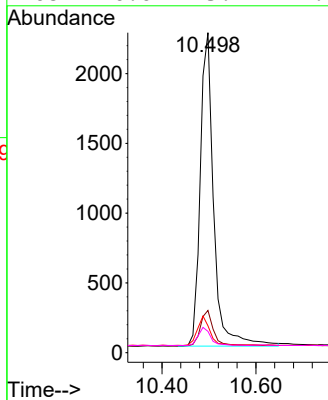
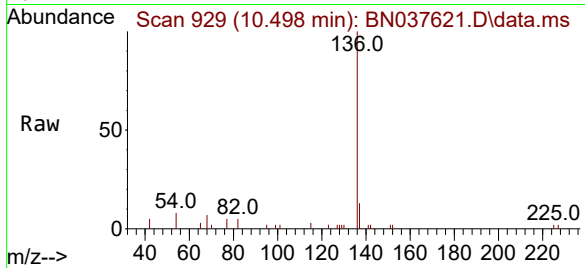




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

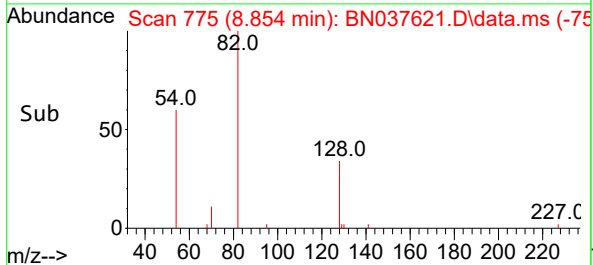
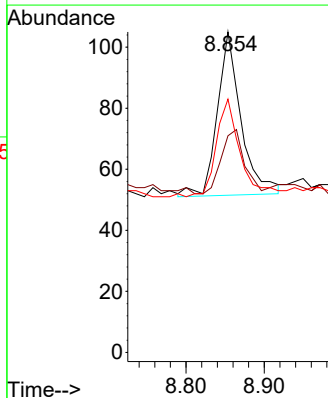
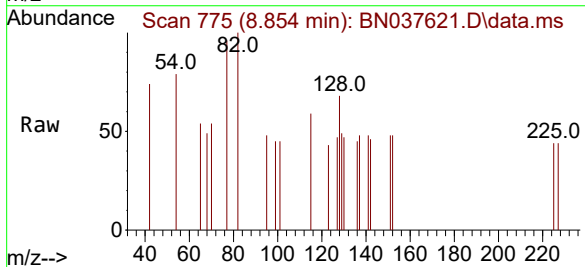
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

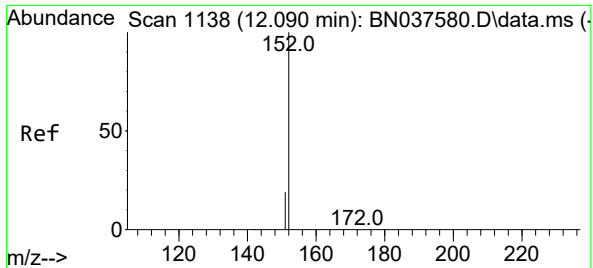
Tgt Ion:	136	Resp:	4467
Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	8.4	7.3	10.9
68	6.6	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.036 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:	82	Resp:	113
Ion	Ratio	Lower	Upper
82	100		
128	67.6	32.6	48.8#
54	79.0	48.9	73.3#

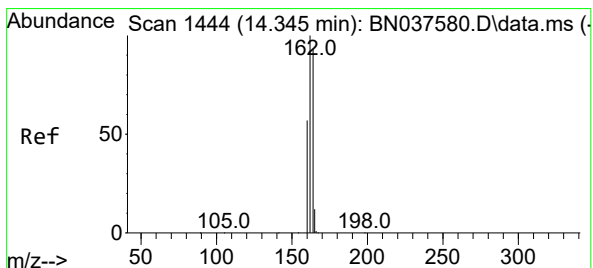
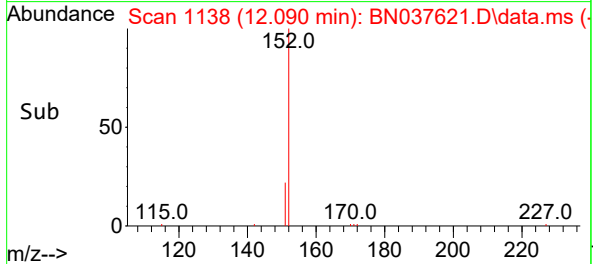
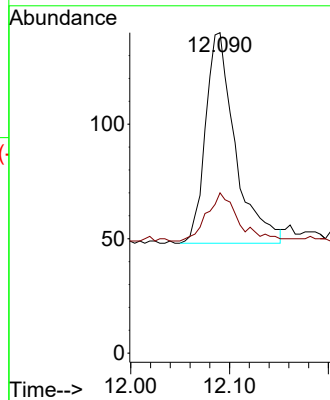
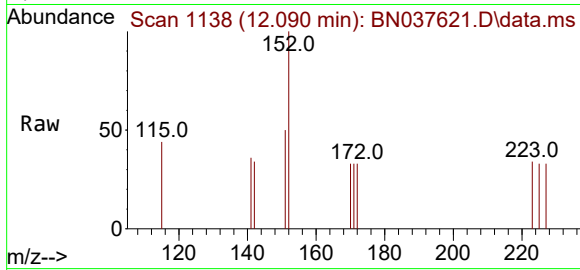




#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.090 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

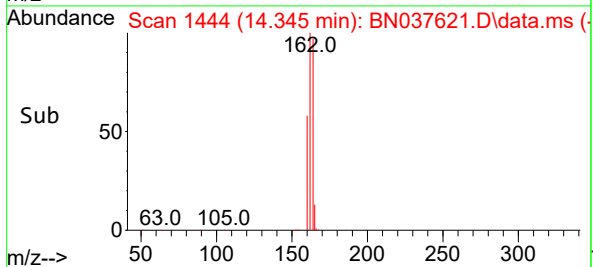
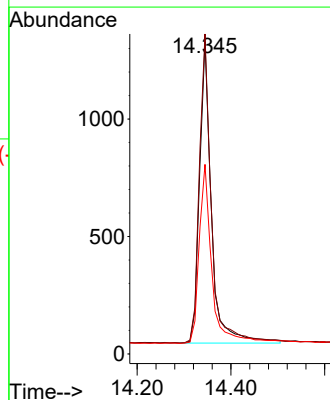
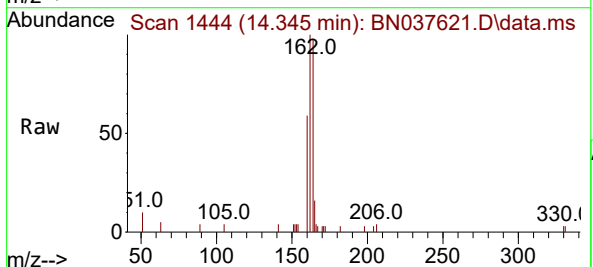
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

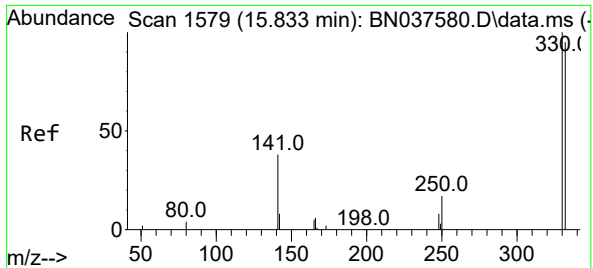
Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 26.6 17.3 25.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
162 102.5 85.5 128.3
160 60.7 49.5 74.3

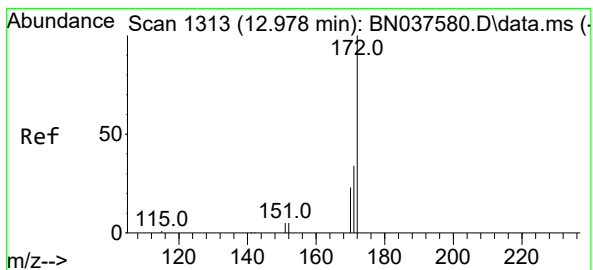
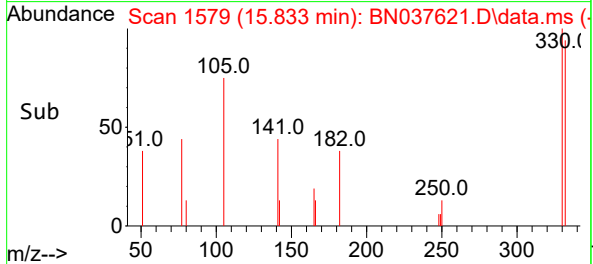
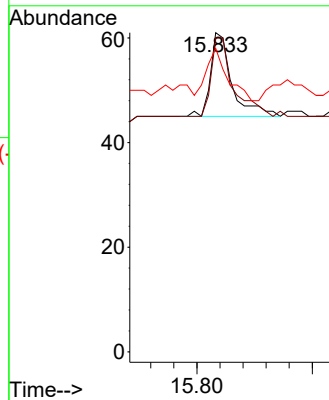
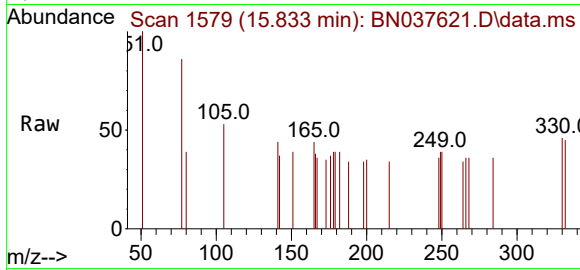




#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

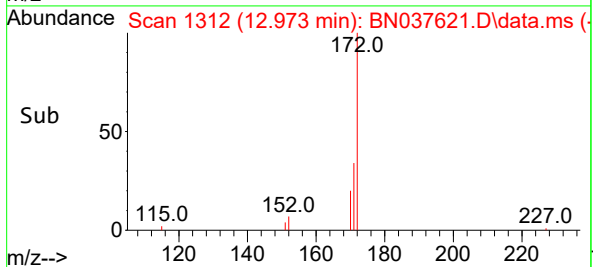
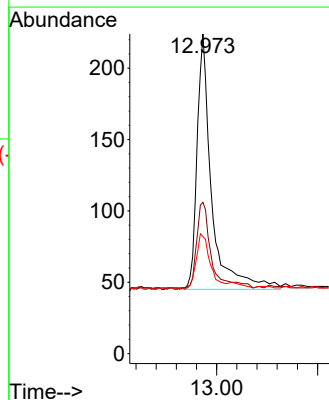
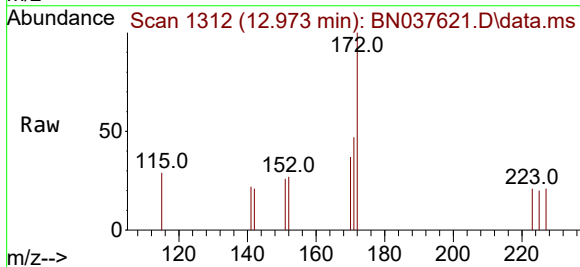
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

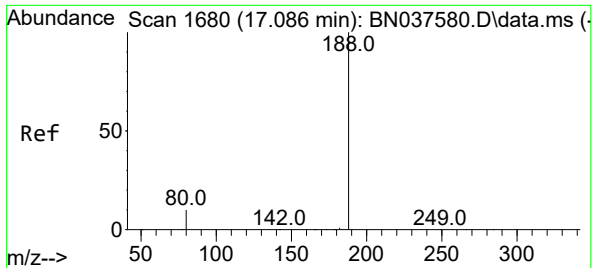
Tgt Ion:330 Resp: 41
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 61.0 30.9 46.3#



#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:172 Resp: 478
Ion Ratio Lower Upper
172 100
171 47.3 28.2 42.4#
170 36.6 19.2 28.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025DL

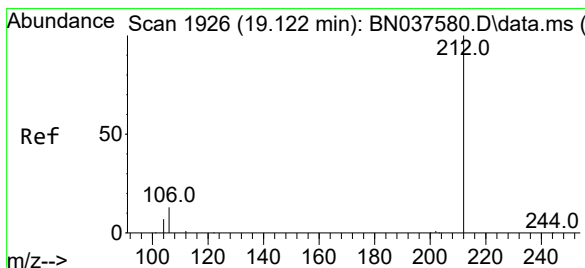
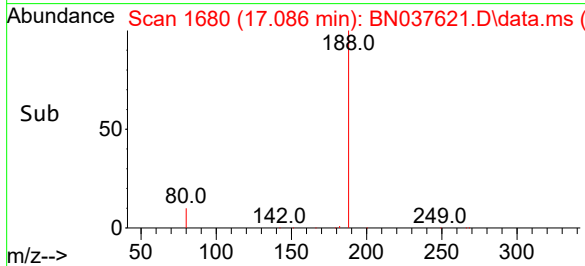
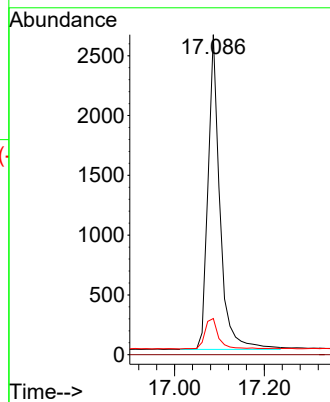
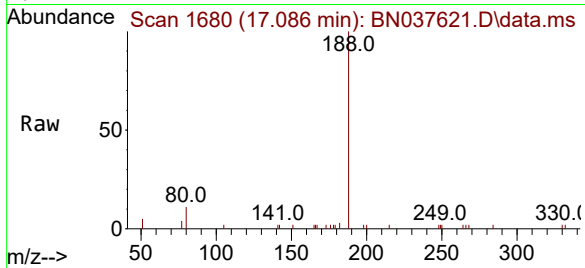
Tgt Ion:188 Resp: 4809

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.045 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.005 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

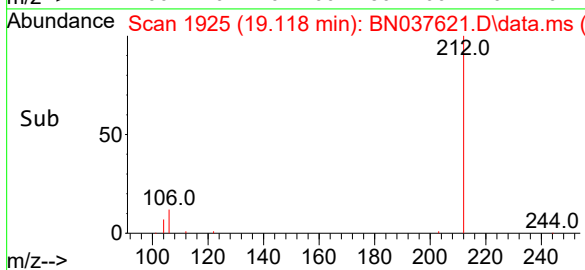
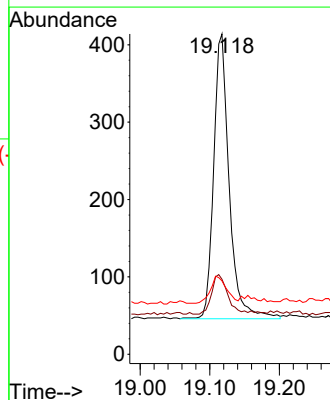
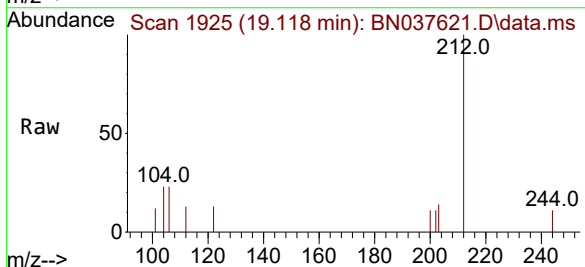
Tgt Ion:212 Resp: 570

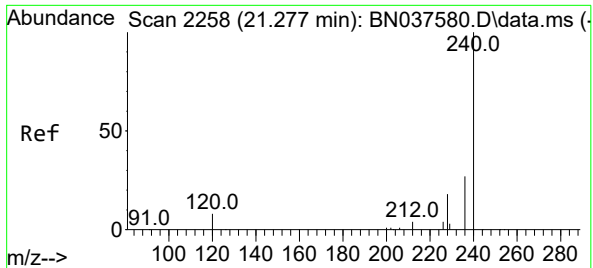
Ion Ratio Lower Upper

212 100

106 14.0 11.5 17.3

104 9.6 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025DL

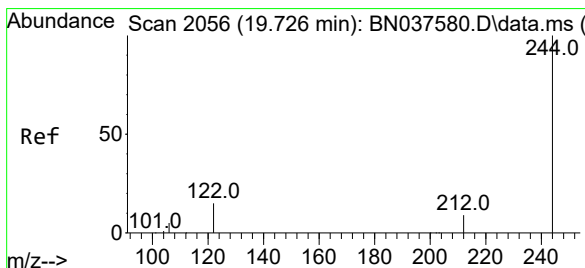
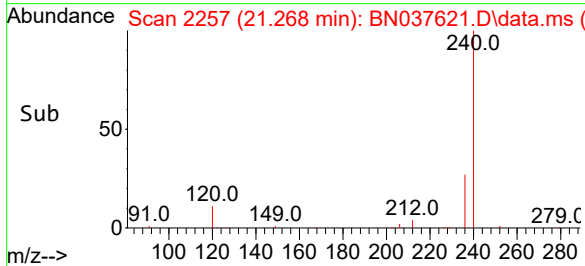
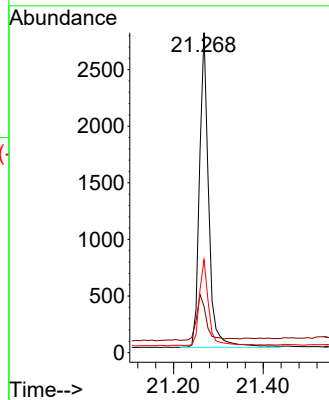
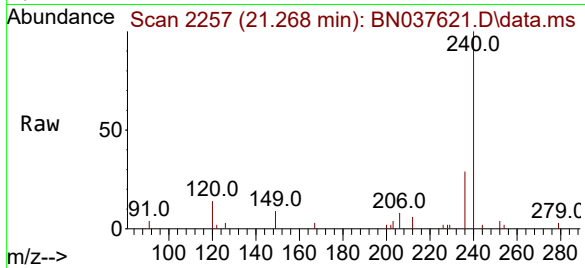
Tgt Ion:240 Resp: 3968

Ion Ratio Lower Upper

240 100

120 14.4 8.9 13.3#

236 29.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.055 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

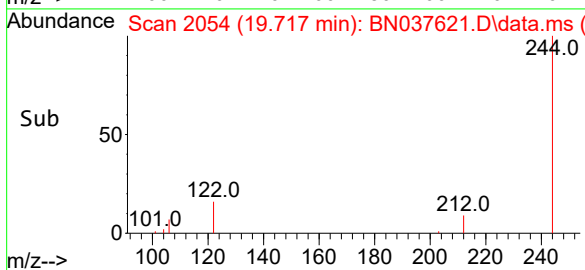
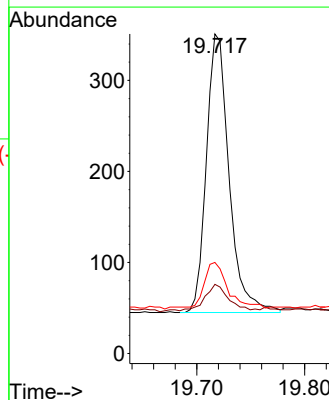
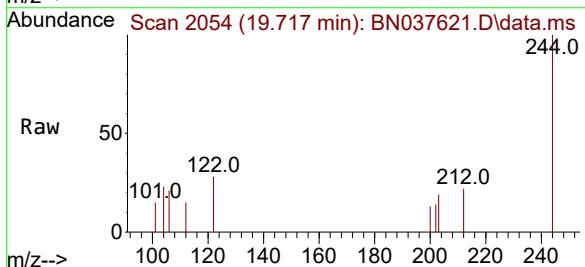
Tgt Ion:244 Resp: 449

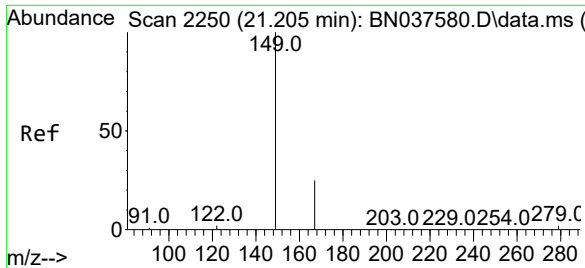
Ion Ratio Lower Upper

244 100

212 21.7 8.2 12.2#

122 28.5 13.2 19.8#

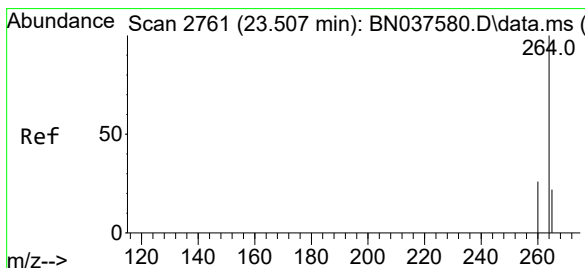
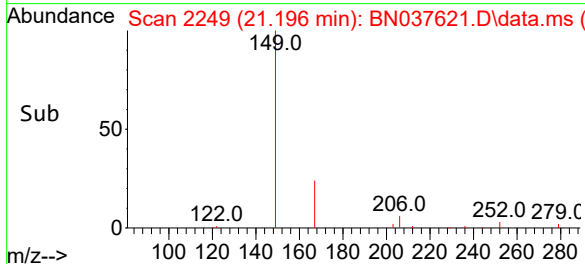
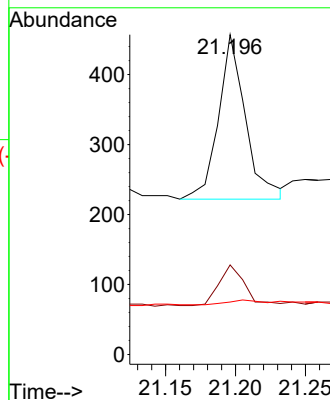
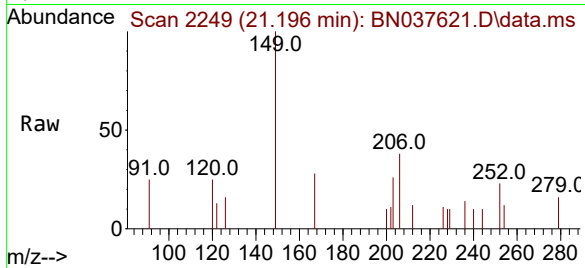




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

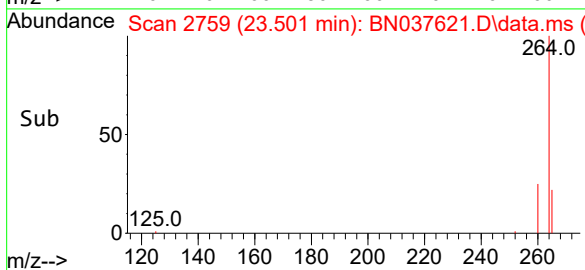
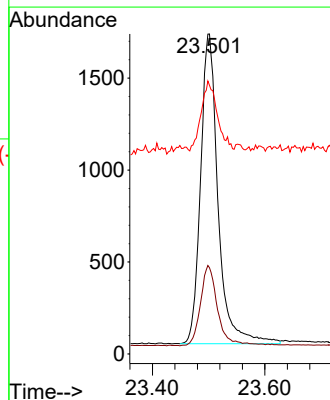
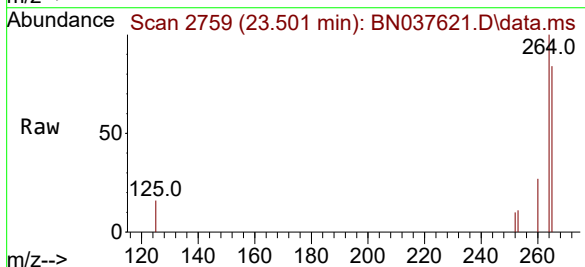
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

Tgt Ion:149 Resp: 315
Ion Ratio Lower Upper
149 100
167 23.5 20.5 30.7
279 3.5 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.501 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:264 Resp: 3640
Ion Ratio Lower Upper
264 100
260 27.0 21.6 32.4
265 84.0 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037604.D
 Acq On : 19 Aug 2025 13:04
 Operator : RC/JU
 Sample : Q2842-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 20 01:25:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

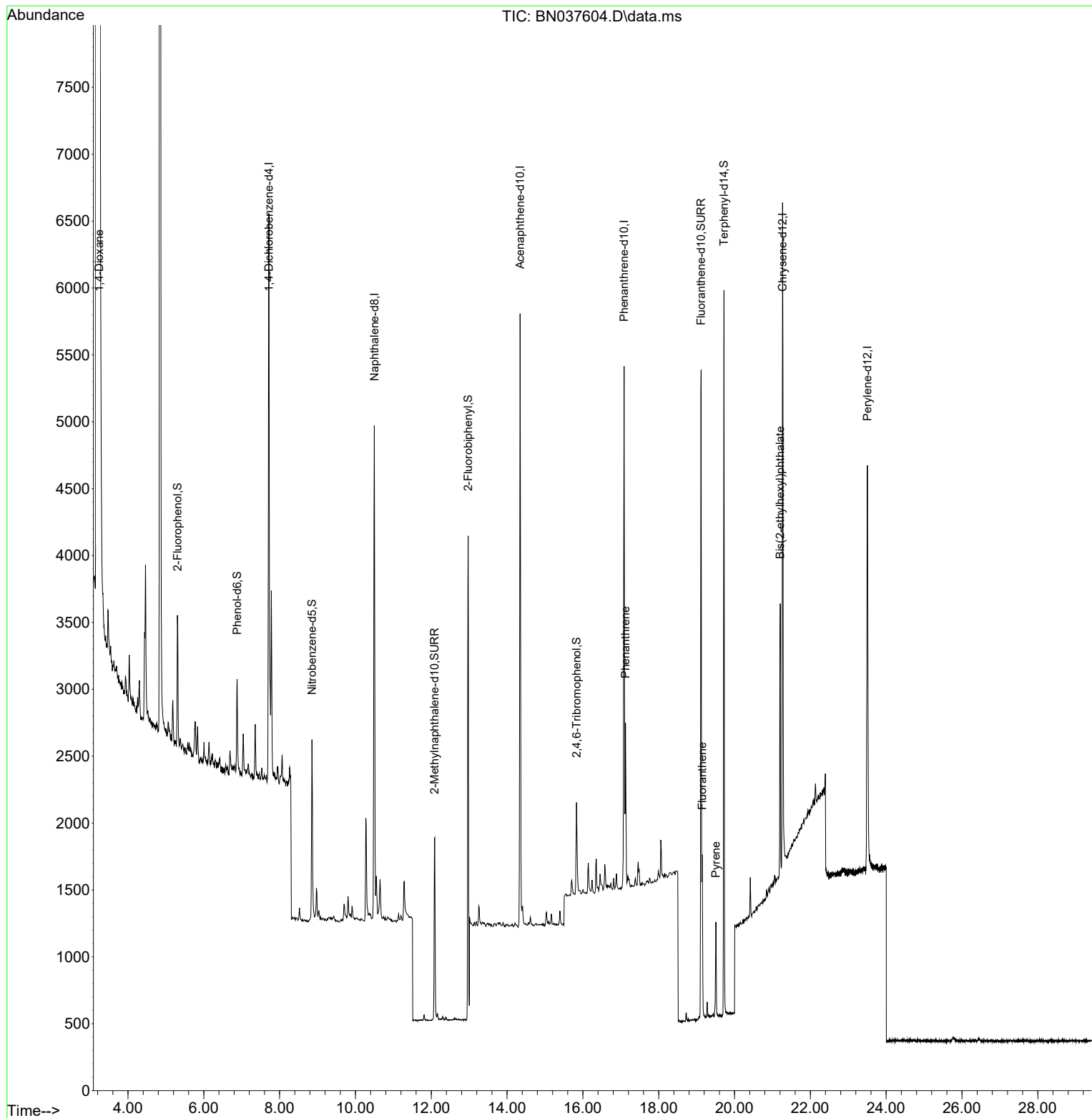
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2101	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4983	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2519	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5311	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4640	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4122	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	686	0.144	ng	0.00
5) Phenol-d6	6.879	99	472	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1079	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1963	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	412	0.374	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4451	0.306	ng	0.00
27) Fluoranthene-d10	19.118	212	5412	0.387	ng	0.00
31) Terphenyl-d14	19.722	244	5059	0.530	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	5667	2.819	ng	# 94
25) Phenanthrene	17.124	178	1209	0.075	ng	99
28) Fluoranthene	19.146	202	1009	0.054	ng	98
30) Pyrene	19.508	202	640	0.037	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.205	149	1816	0.284	ng	97

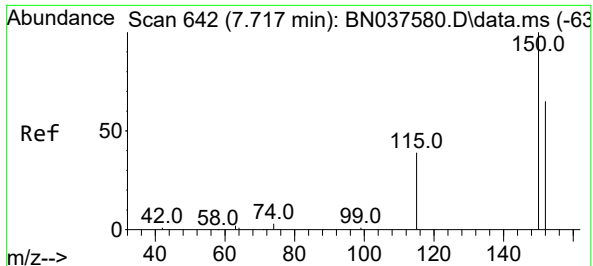
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037604.D
Acq On : 19 Aug 2025 13:04
Operator : RC/JU
Sample : Q2842-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

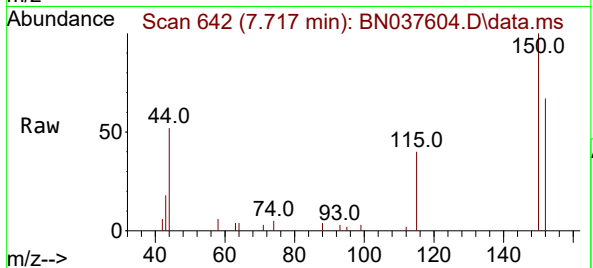
Quant Time: Aug 20 01:25:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



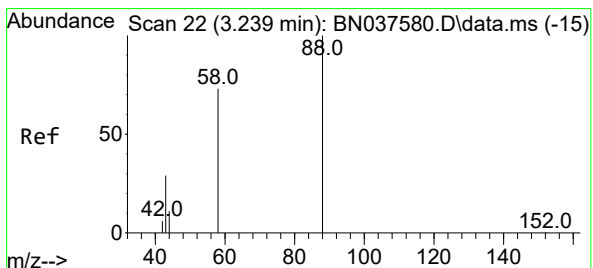
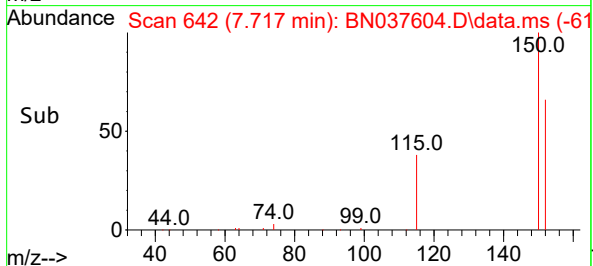
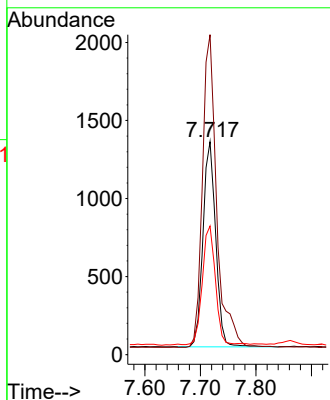


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

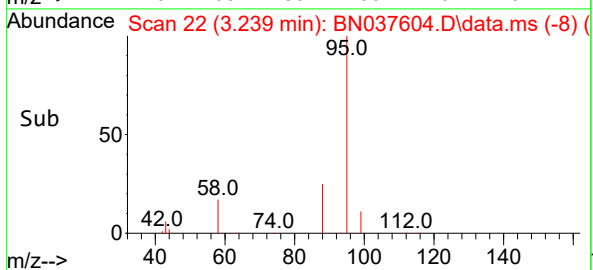
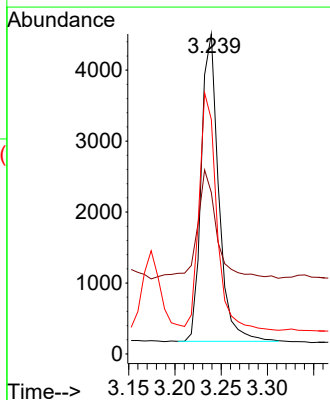
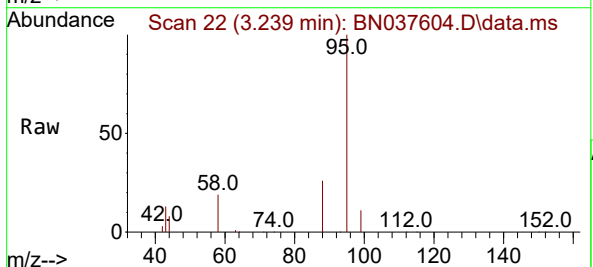


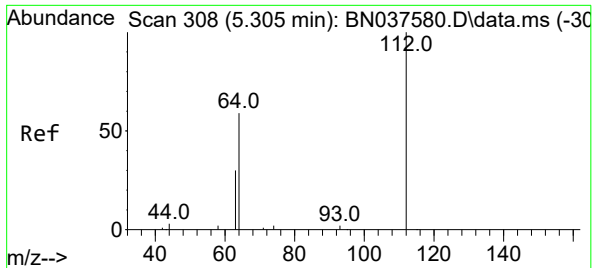
Tgt Ion: 152 Resp: 2101
Ion Ratio Lower Upper
152 100
150 150.3 122.2 183.4
115 60.4 49.8 74.6



#2
1,4-Dioxane
Concen: 2.819 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion: 88 Resp: 5667
Ion Ratio Lower Upper
88 100
43 40.2 25.8 38.6#
58 78.2 61.2 91.8

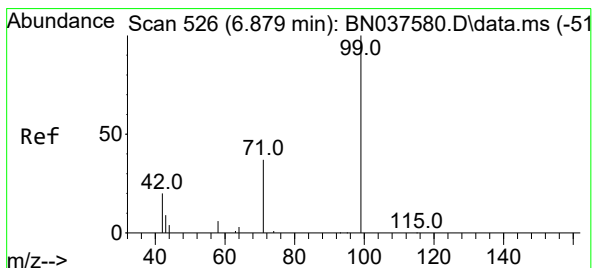
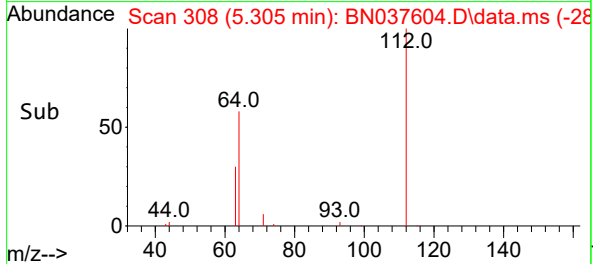
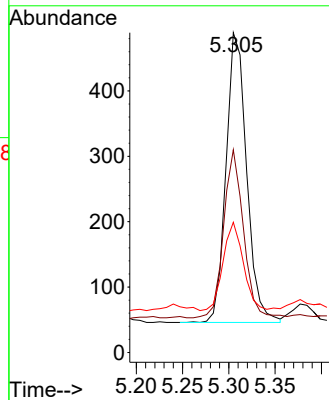
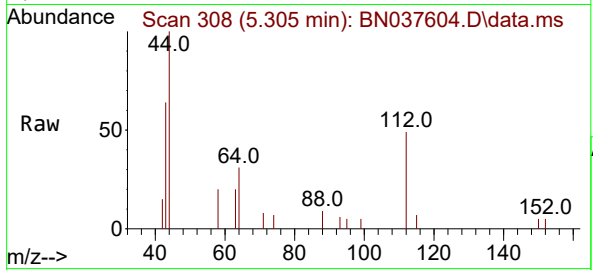




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

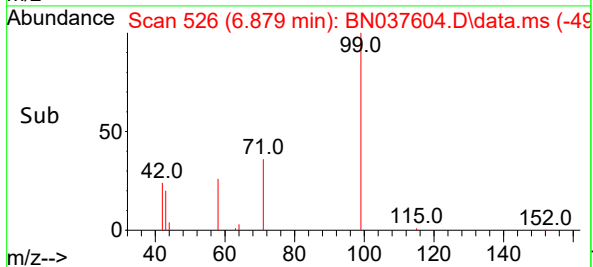
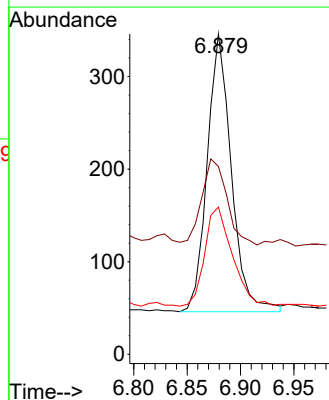
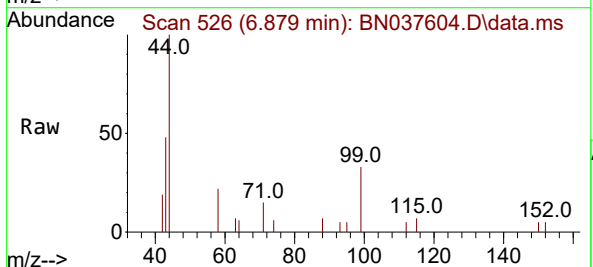
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

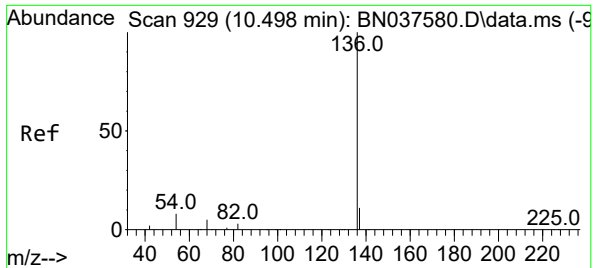
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.9	67.3
63	29.9	23.4	35.2



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion	Ratio	Lower	Upper
99	100		
42	32.2	18.5	27.7#
71	40.9	28.6	42.8

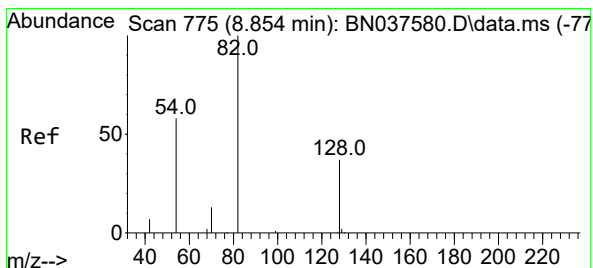
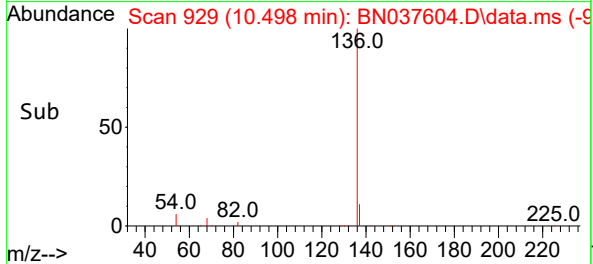
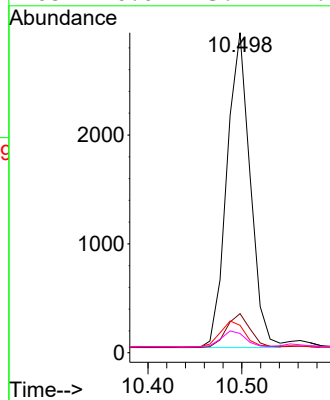
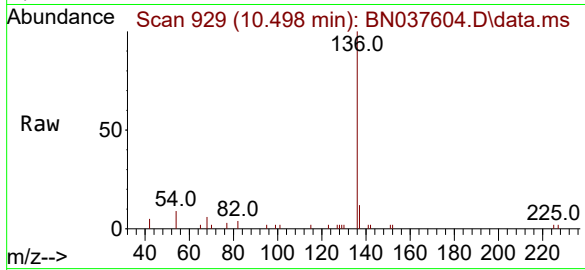




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

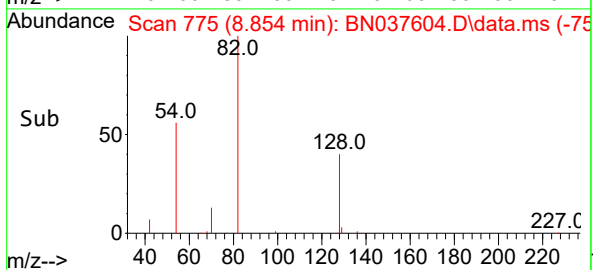
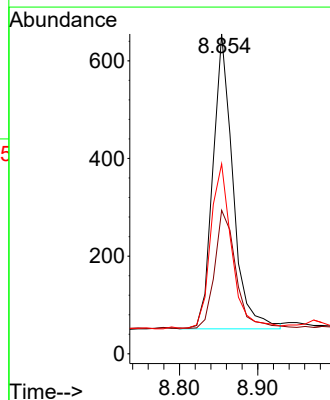
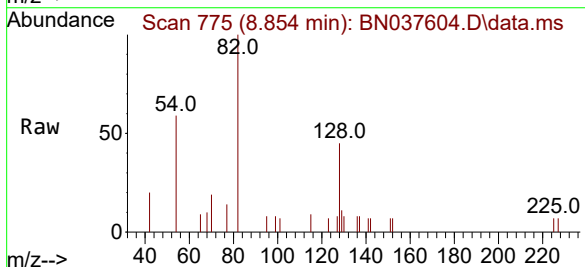
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

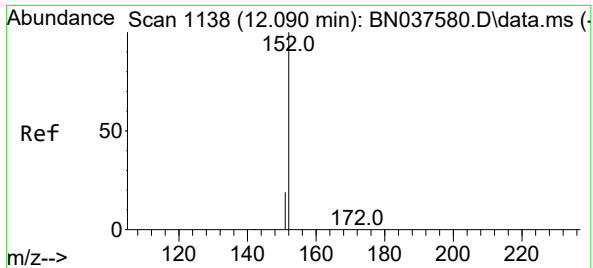
Tgt Ion:	136	Resp:	4983
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	8.5	7.3	10.9
68	6.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:	82	Resp:	1079
Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	48.8
54	59.4	48.9	73.3

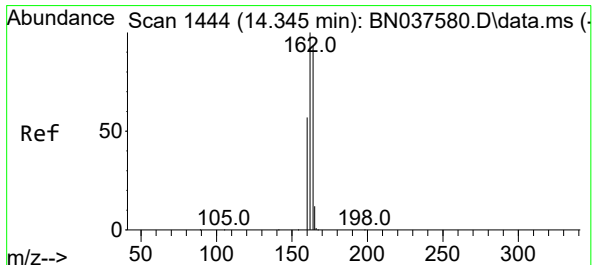
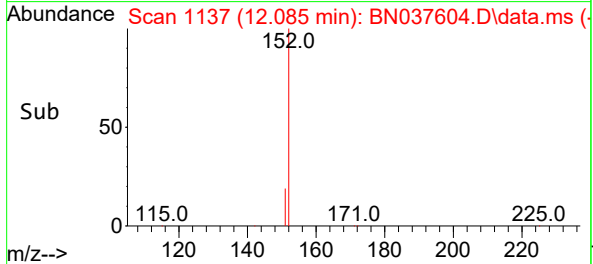
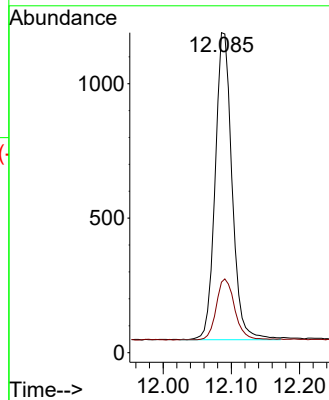
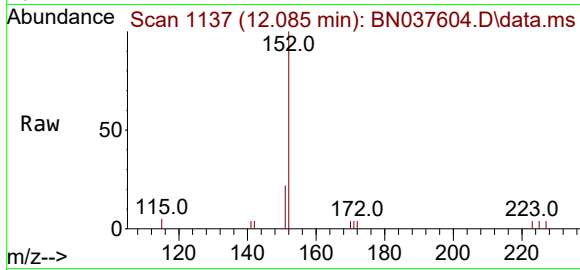




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.085 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

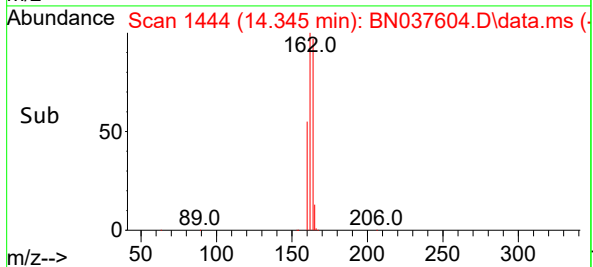
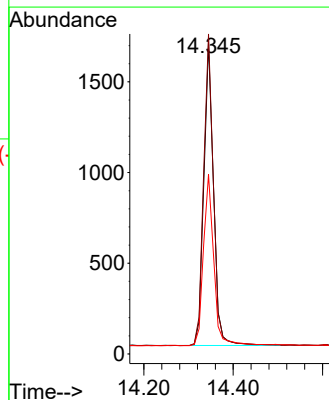
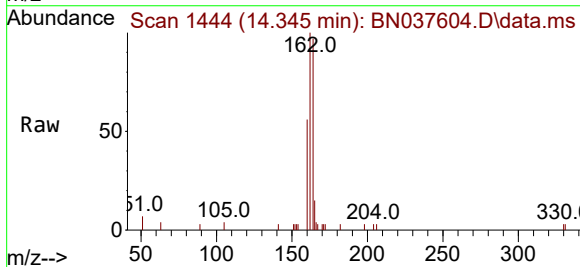
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

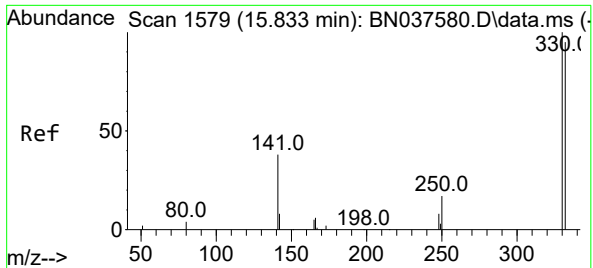
Tgt Ion:152 Resp: 1963
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion:164 Resp: 2519
Ion Ratio Lower Upper
164 100
162 102.9 85.5 128.3
160 57.8 49.5 74.3





#14

2,4,6-Tribromophenol

Concen: 0.374 ng

RT: 15.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025

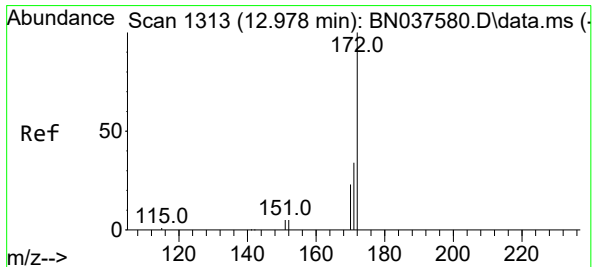
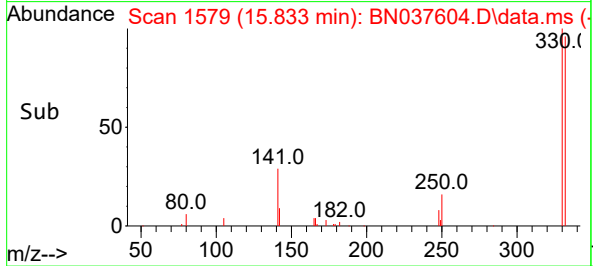
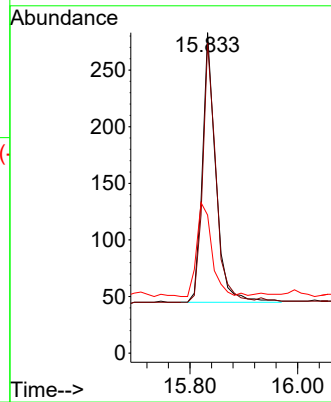
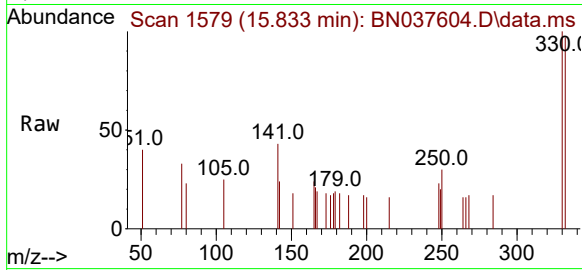
Tgt Ion:330 Resp: 412

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

141 40.0 30.9 46.3



#15

2-Fluorobiphenyl

Concen: 0.306 ng

RT: 12.973 min Scan# 1312

Delta R.T. -0.005 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

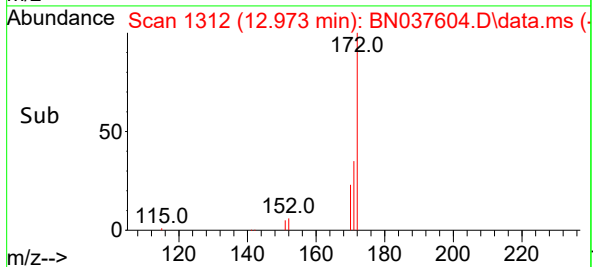
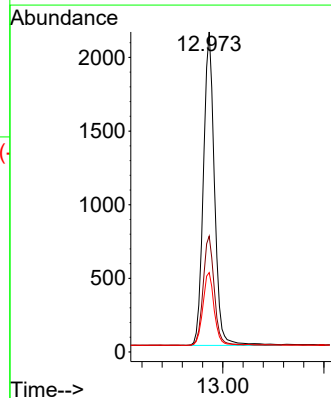
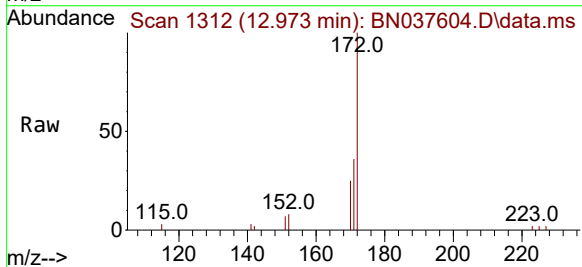
Tgt Ion:172 Resp: 4451

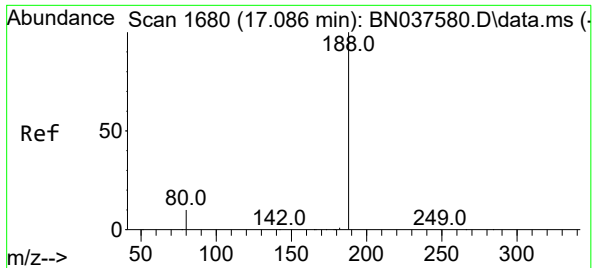
Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.4

170 24.8 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025

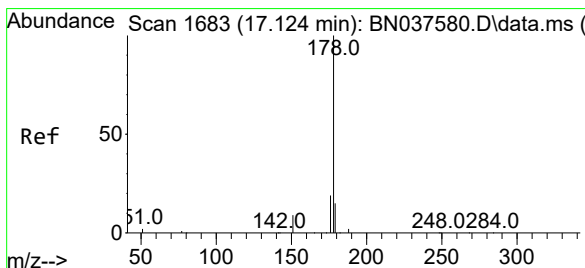
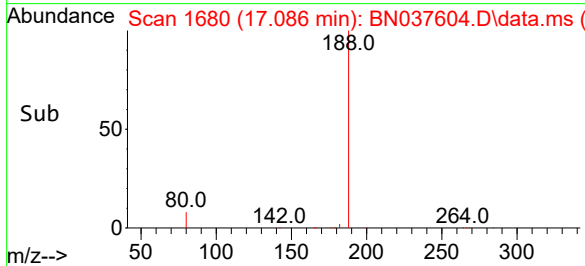
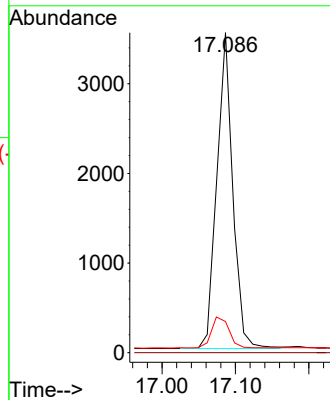
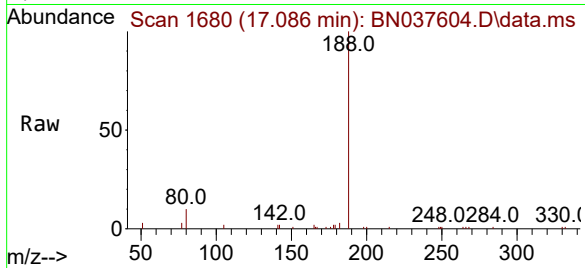
Tgt Ion:188 Resp: 5311

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 9.1 13.7



#25

Phenanthrene

Concen: 0.075 ng

RT: 17.124 min Scan# 1683

Delta R.T. 0.000 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

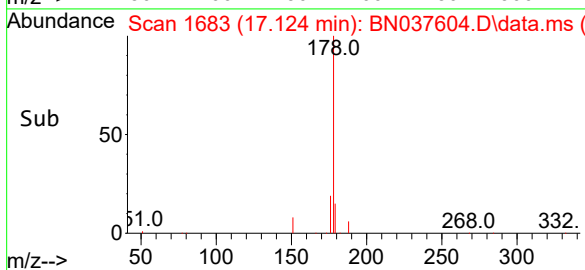
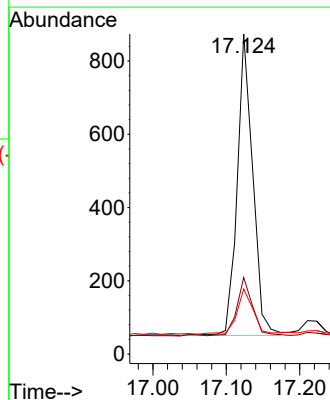
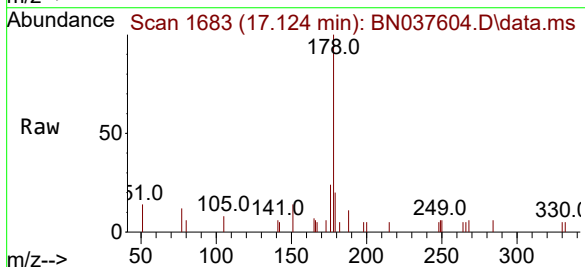
Tgt Ion:178 Resp: 1209

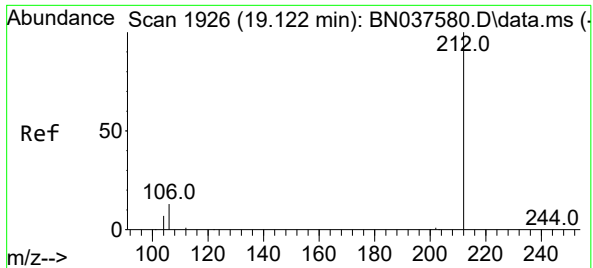
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 15.9 12.3 18.5

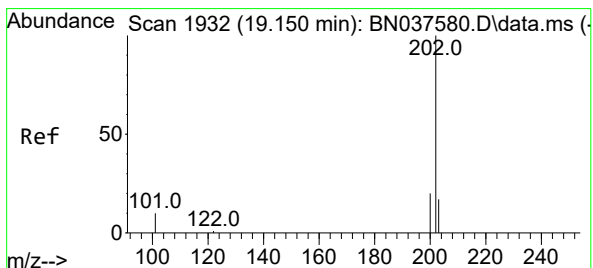
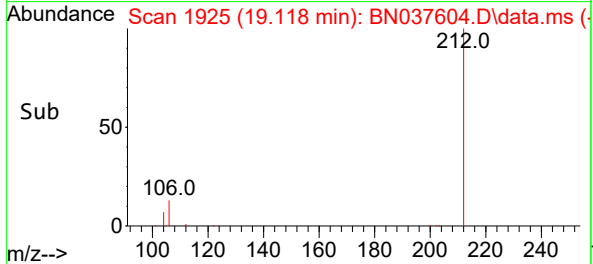
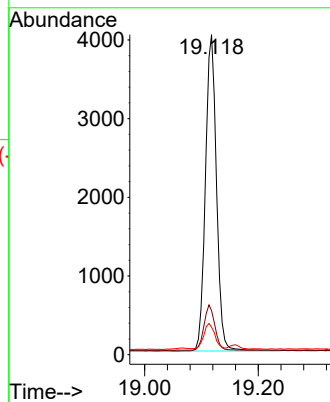
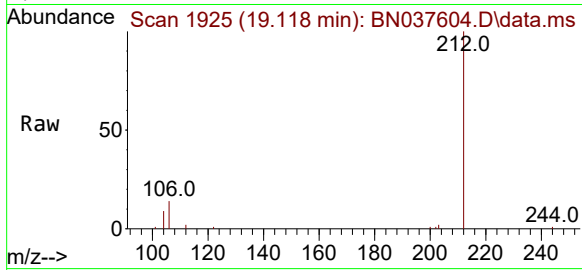




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

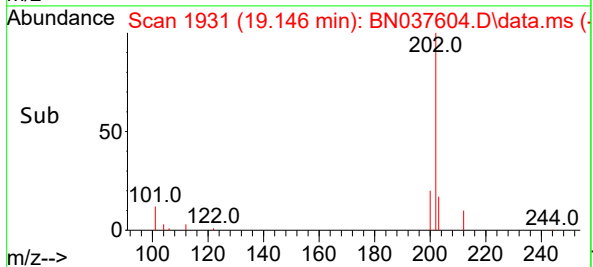
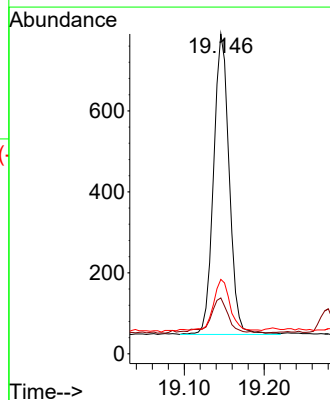
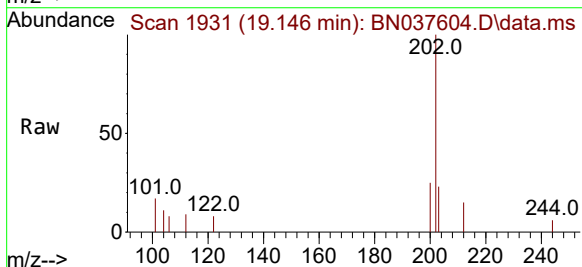
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

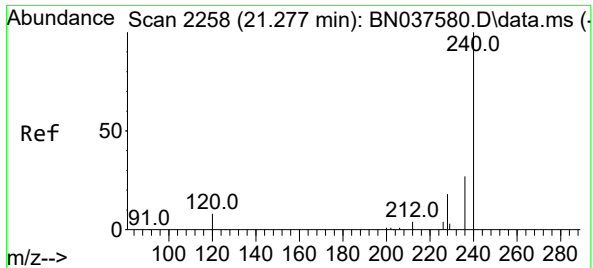
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	8.2	6.6	9.8



#28
Fluoranthene
Concen: 0.054 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.0	13.6
203	17.4	13.8	20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025

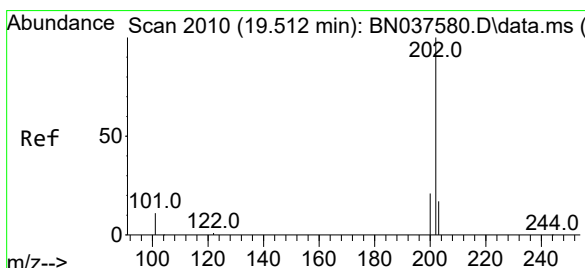
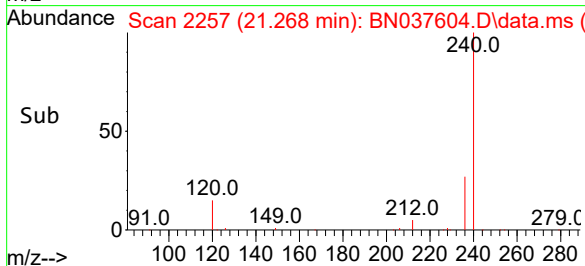
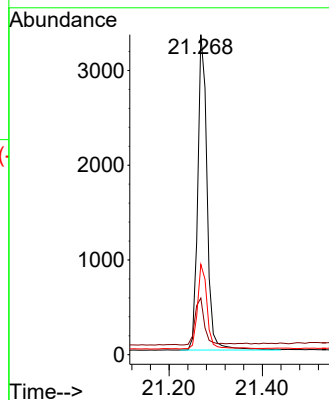
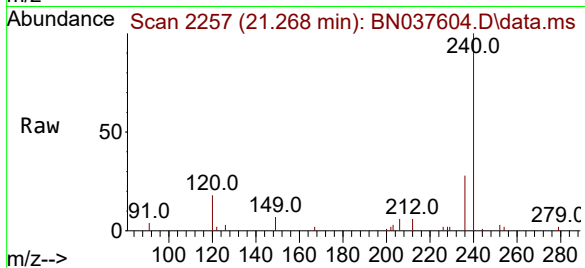
Tgt Ion:240 Resp: 4640

Ion Ratio Lower Upper

240 100

120 17.7 8.9 13.3#

236 28.2 22.6 33.8



#30

Pyrene

Concen: 0.037 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037604.D

Acq: 19 Aug 2025 13:04

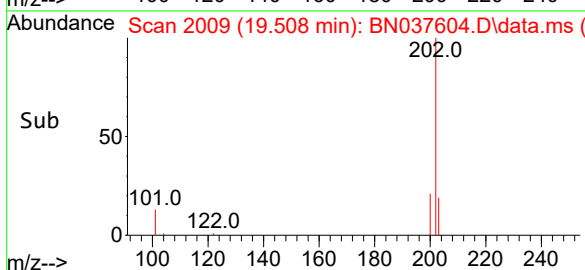
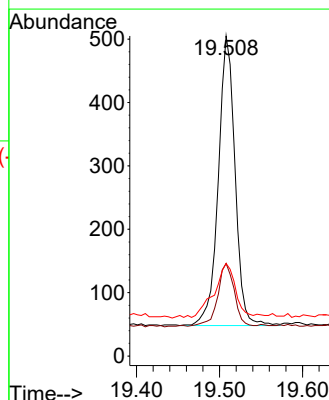
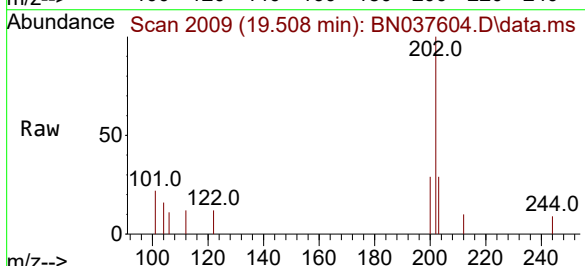
Tgt Ion:202 Resp: 640

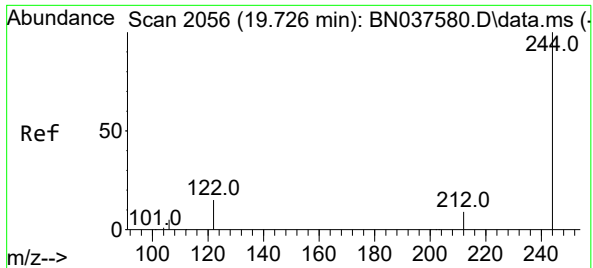
Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

203 23.3 14.3 21.5#

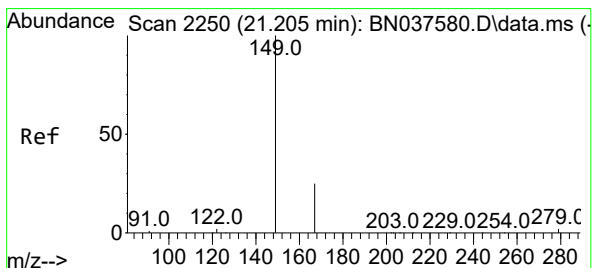
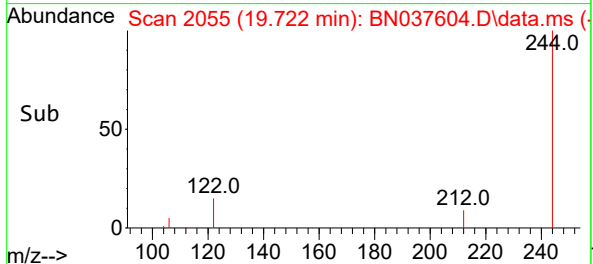
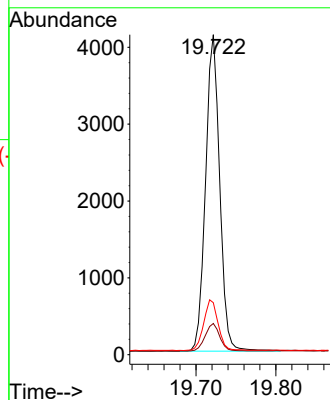
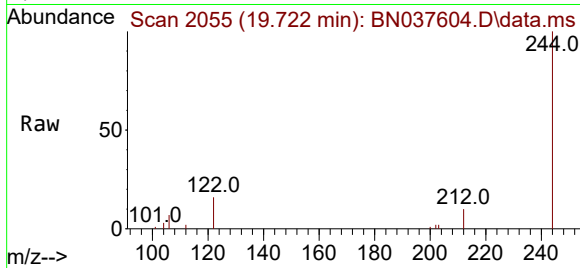




#31
Terphenyl-d14
Concen: 0.530 ng
RT: 19.722 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

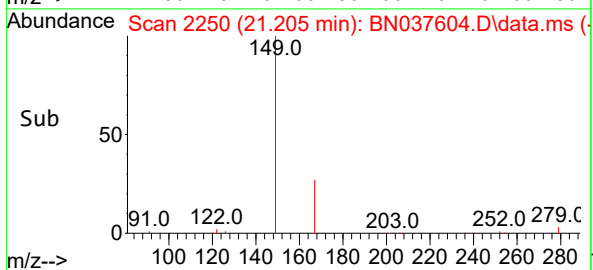
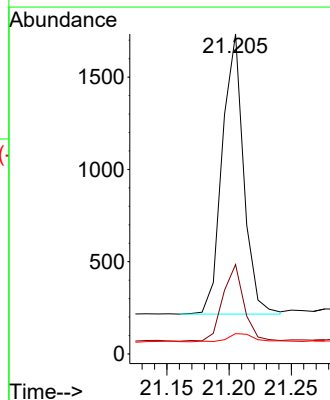
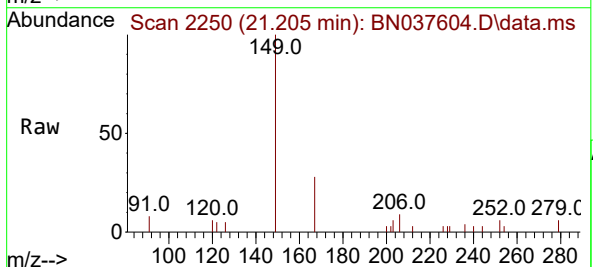
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025

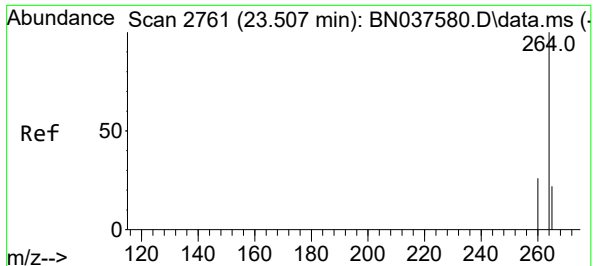
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.2	12.2
122	16.3	13.2	19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.284 ng
RT: 21.205 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BN037604.D
Acq: 19 Aug 2025 13:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.5	30.7
279	3.7	2.6	4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.505 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037604.D

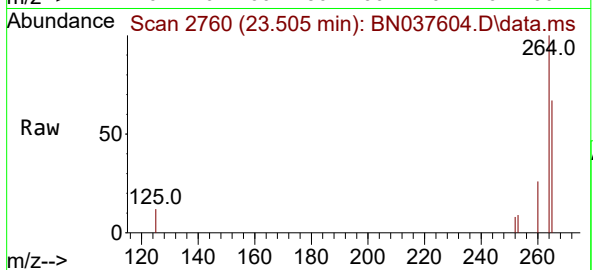
Acq: 19 Aug 2025 13:04

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025



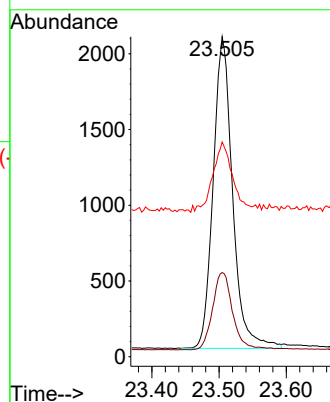
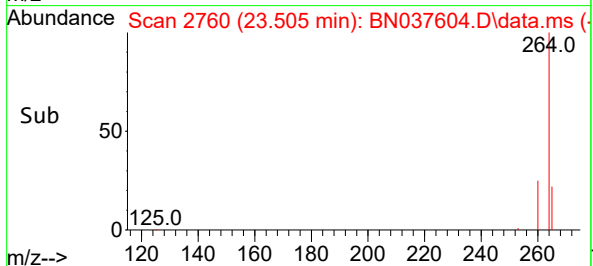
Tgt Ion:264 Resp: 4122

Ion Ratio Lower Upper

264 100

260 26.3 21.6 32.4

265 67.1 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037607.D
 Acq On : 19 Aug 2025 14:53
 Operator : RC/JU
 Sample : Q2842-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-08122025

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 20 01:26:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

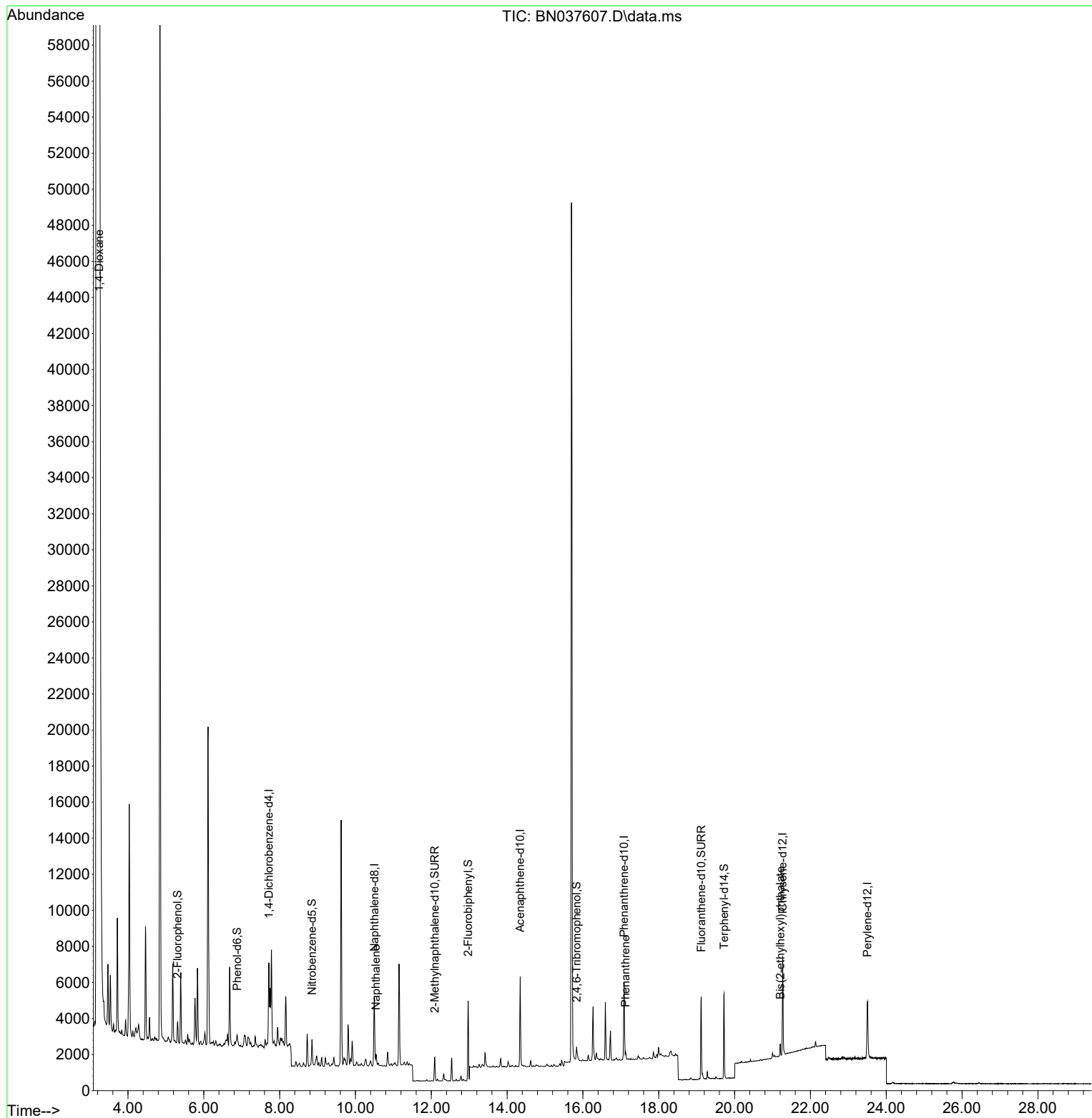
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2139	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5184	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2604	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5518	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4981	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	4415	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	635	0.131	ng	0.00
5) Phenol-d6	6.879	99	478	0.082	ng	0.00
8) Nitrobenzene-d5	8.854	82	1097	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1850	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	419	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5251	0.349	ng	0.00
27) Fluoranthene-d10	19.118	212	5180	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	4411	0.430	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1272	0.622	ng	# 3
9) Naphthalene	10.541	128	796	0.058	ng	# 80
25) Phenanthrene	17.124	178	436	0.026	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.205	149	727	0.106	ng	# 99

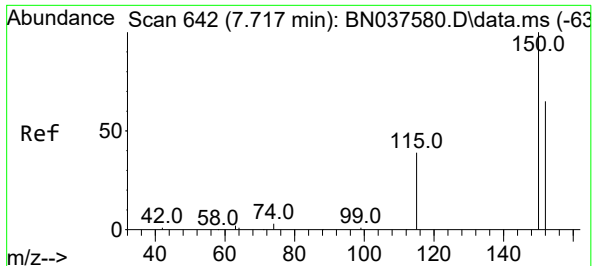
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037607.D
Acq On : 19 Aug 2025 14:53
Operator : RC/JU
Sample : Q2842-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

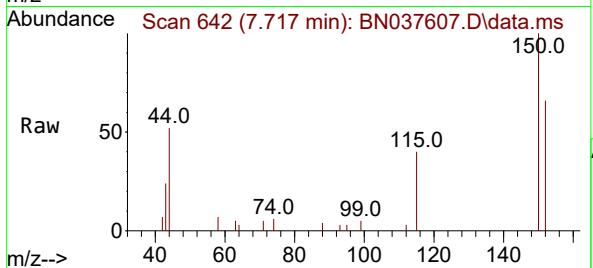
Quant Time: Aug 20 01:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



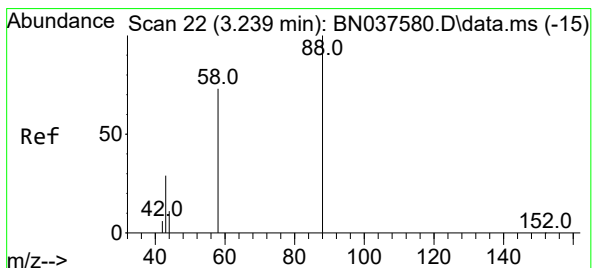
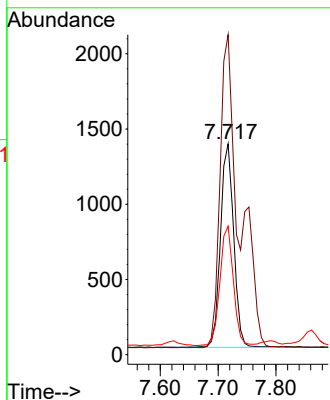
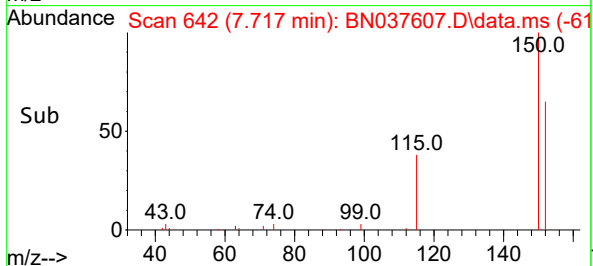


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

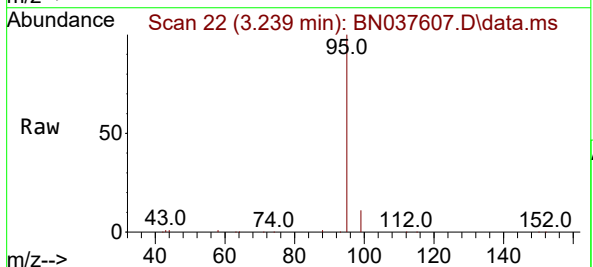
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025



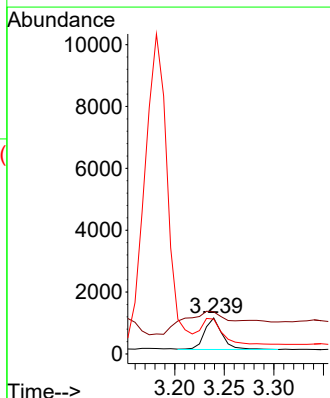
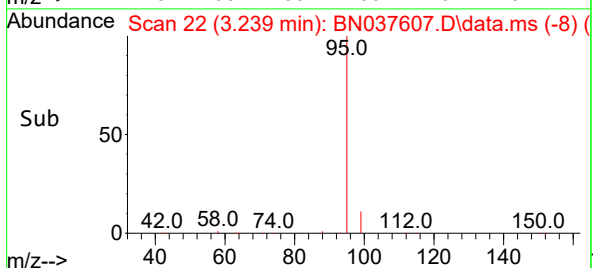
Tgt Ion:152 Resp: 2139
Ion Ratio Lower Upper
152 100
150 151.7 122.2 183.4
115 60.9 49.8 74.6



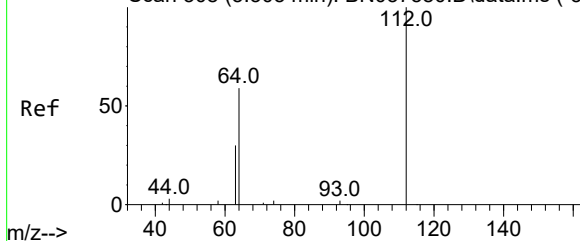
#2
1,4-Dioxane
Concen: 0.622 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53



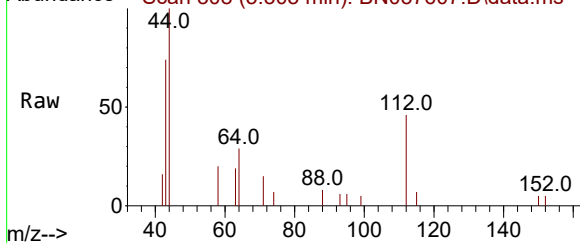
Tgt Ion: 88 Resp: 1272
Ion Ratio Lower Upper
88 100
43 185.2 25.8 38.6#
58 96.1 61.2 91.8#



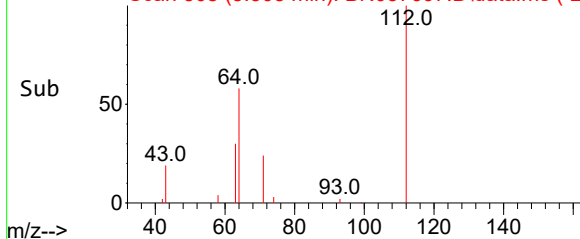
Abundance Scan 308 (5.305 min): BN037580.D\data.ms (-30



Abundance Scan 308 (5.305 min): BN037607.D\data.ms



Abundance Scan 308 (5.305 min): BN037607.D\data.ms (-28



#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

Instrument :

BNA_N

ClientSampleId :

MW-06-6.5-08122025

Tgt Ion:112 Resp: 635

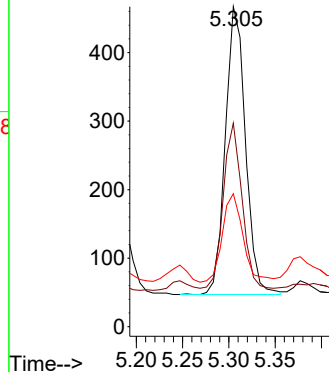
Ion Ratio Lower Upper

112 100

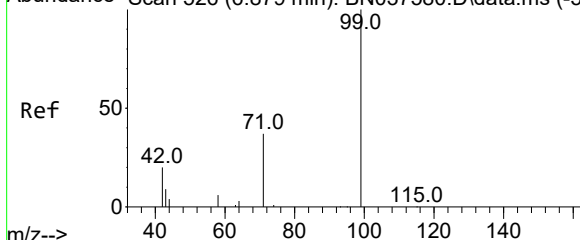
64 55.3 44.9 67.3

63 31.7 23.4 35.2

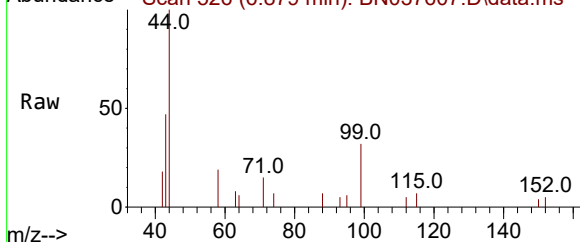
Abundance



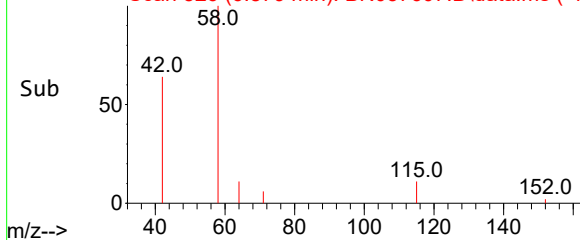
Abundance Scan 526 (6.879 min): BN037580.D\data.ms (-51



Abundance Scan 526 (6.879 min): BN037607.D\data.ms



Abundance Scan 526 (6.879 min): BN037607.D\data.ms (-49



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

Tgt Ion: 99 Resp: 478

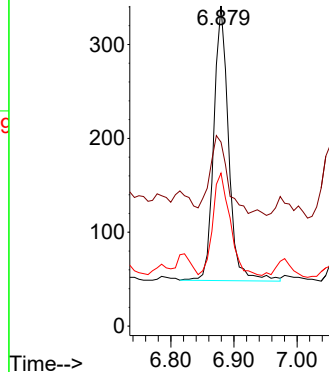
Ion Ratio Lower Upper

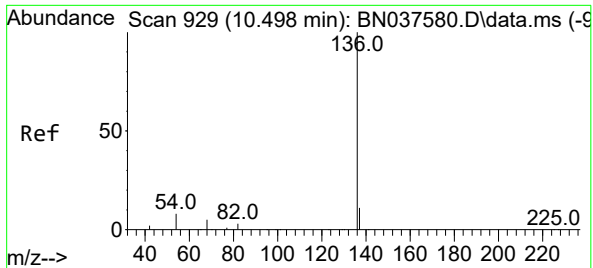
99 100

42 32.0 18.5 27.7#

71 43.9 28.6 42.8#

Abundance

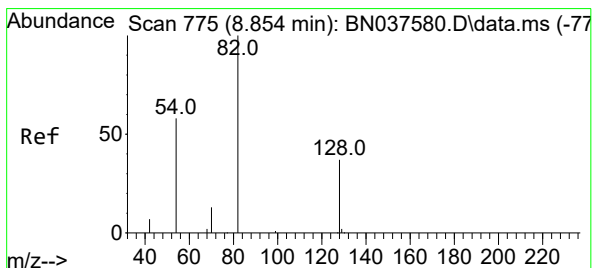
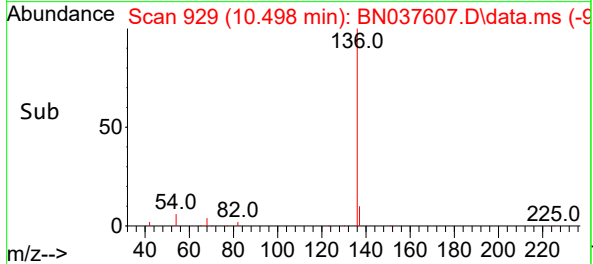
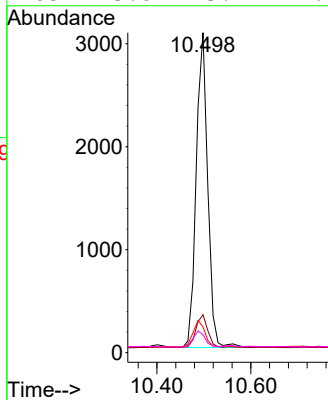
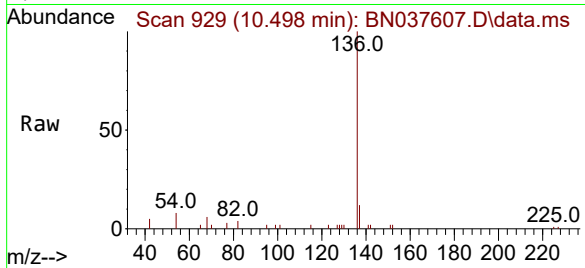




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

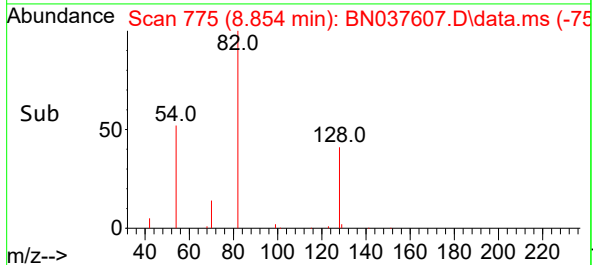
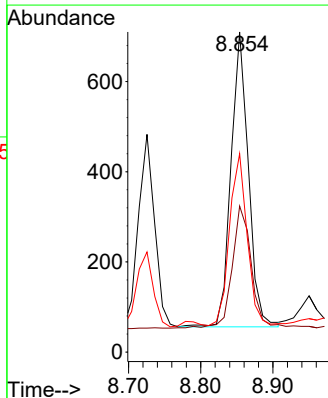
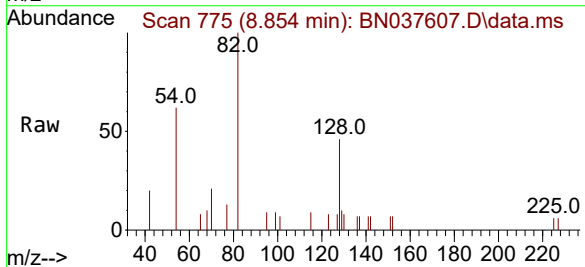
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

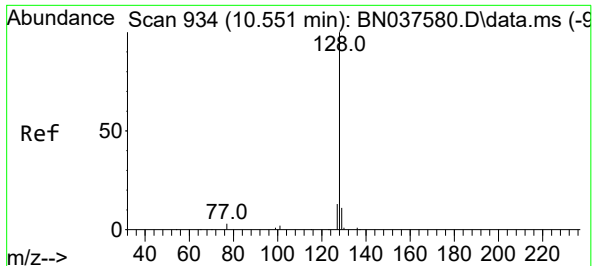
Tgt Ion:	136	Resp:	5184
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	8.1	7.3	10.9
68	5.6	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	82	Resp:	1097
Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.6	48.8
54	62.0	48.9	73.3

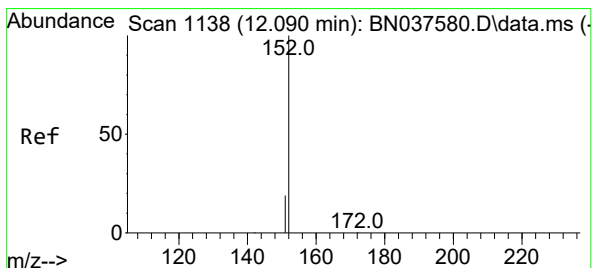
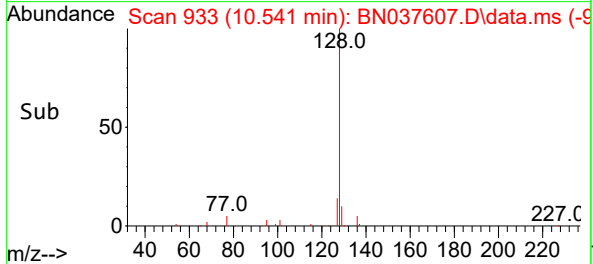
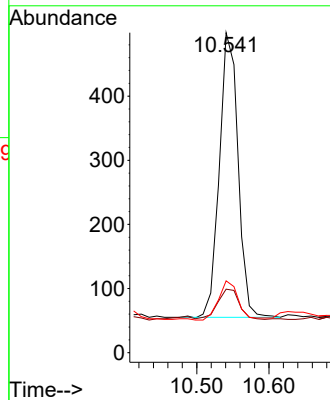
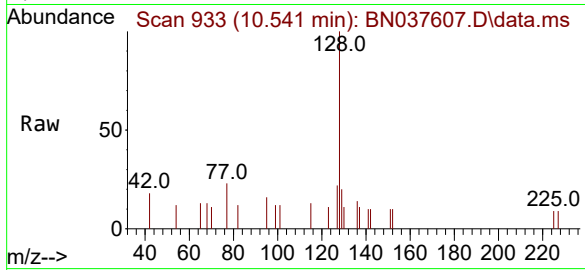




#9
Naphthalene
Concen: 0.058 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

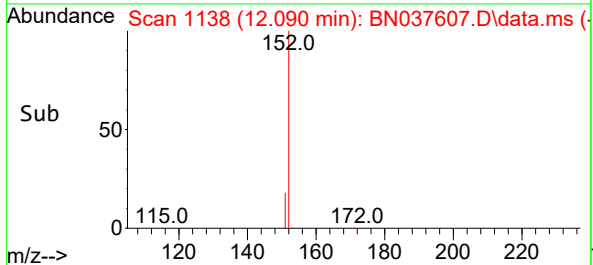
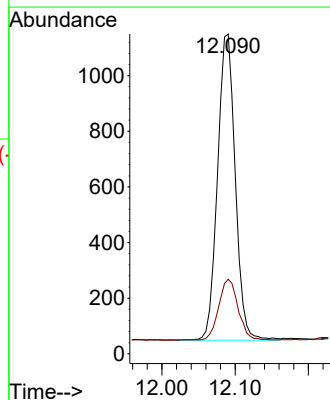
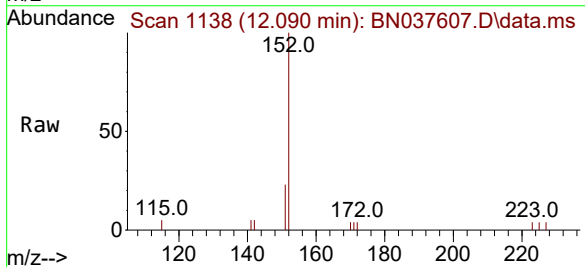
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

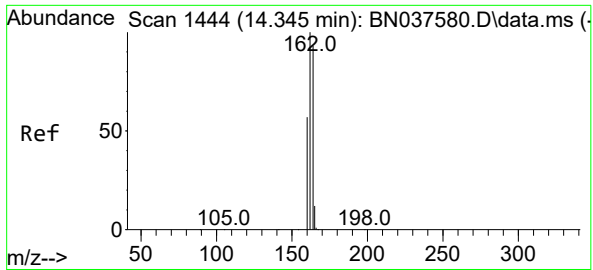
Tgt Ion:	128	Resp:	796
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.8	14.6#
127	22.4	11.5	17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.090 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	152	Resp:	1850
Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9

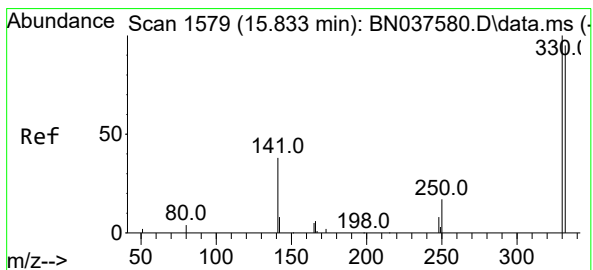
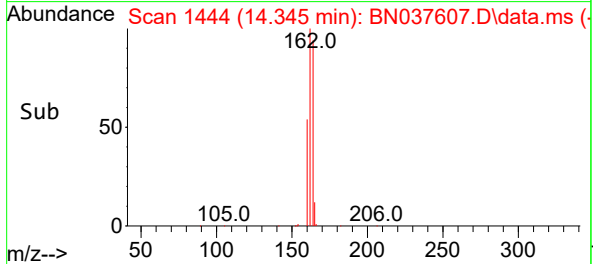
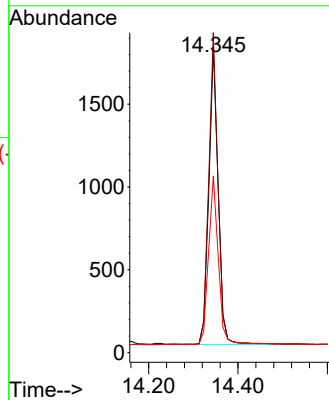
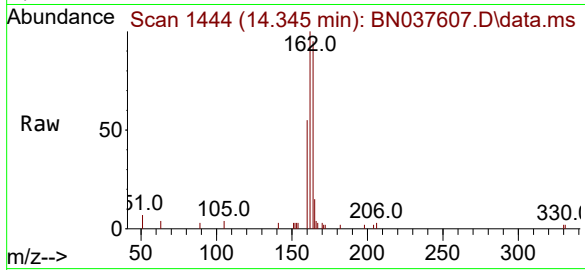




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

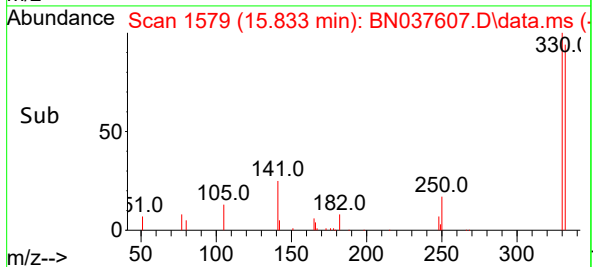
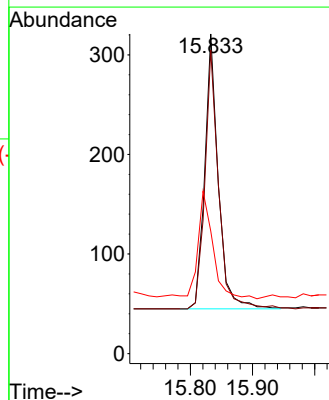
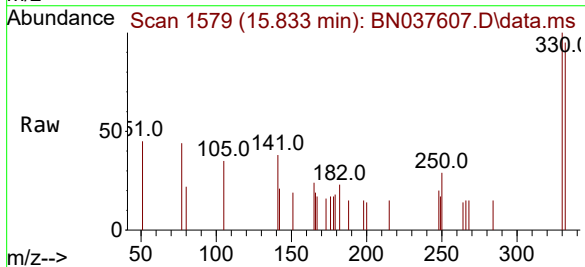
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

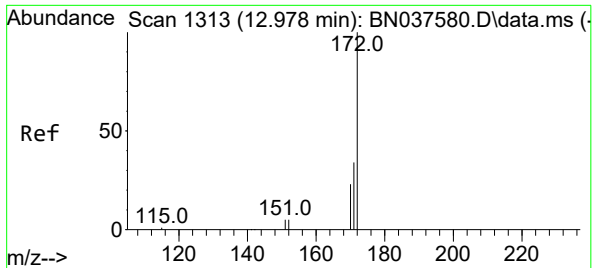
Tgt Ion:	164	Resp:	2604
Ion Ratio	Lower	Upper	
164	100		
162	104.8	85.5	128.3
160	57.9	49.5	74.3



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	330	Resp:	419
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.4	116.0
141	44.6	30.9	46.3

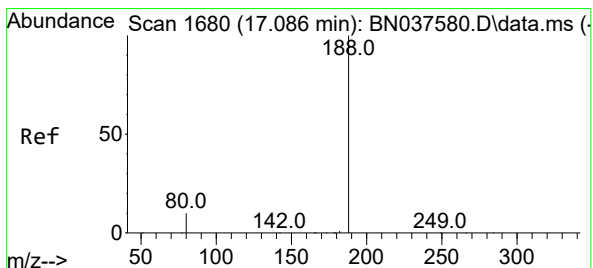
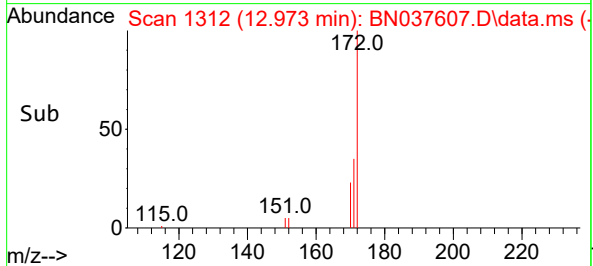
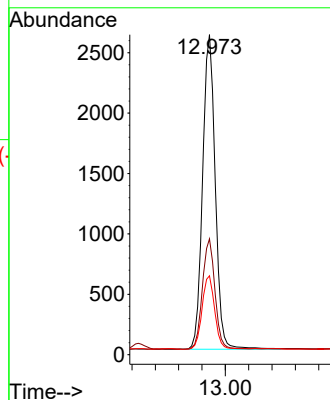
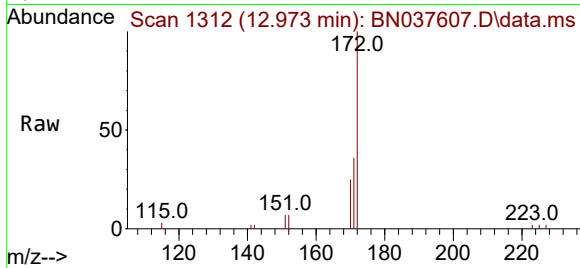




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

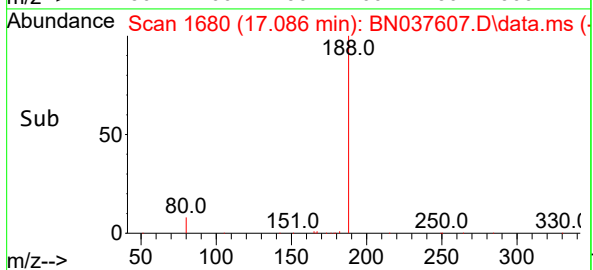
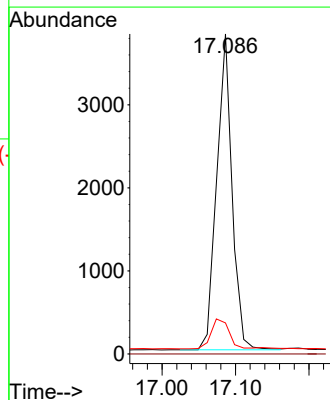
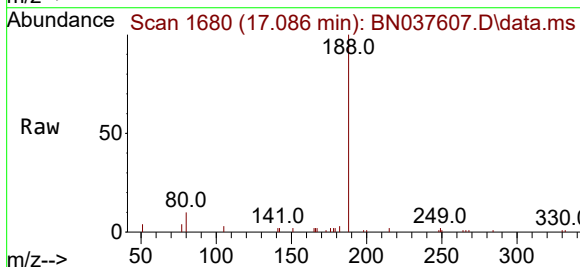
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

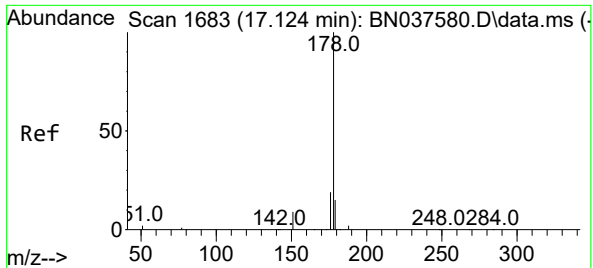
Tgt Ion:	172	Resp:	5251
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	24.7	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	188	Resp:	5518
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	9.1	13.7

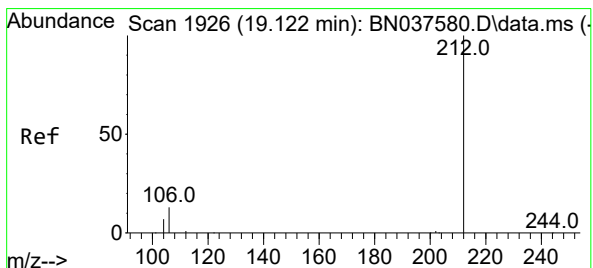
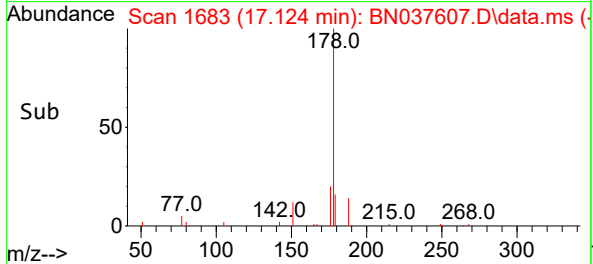
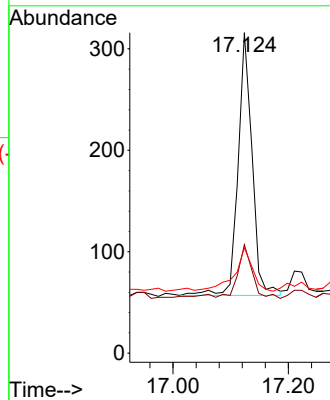
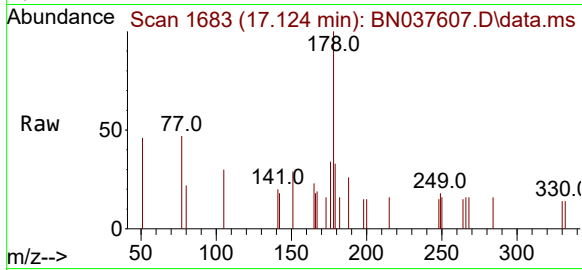




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

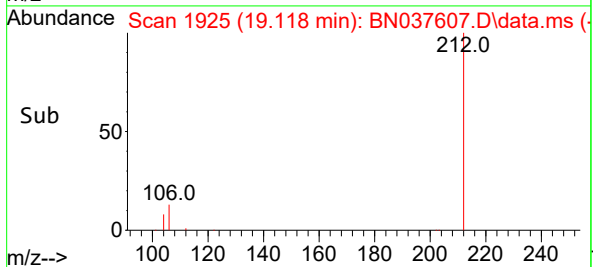
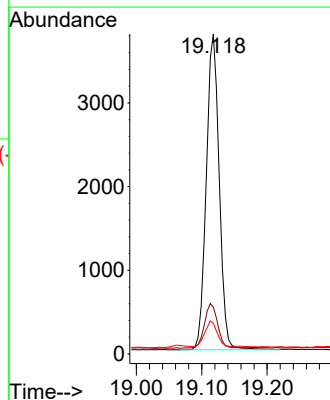
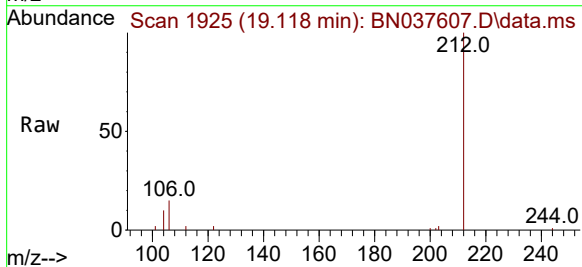
Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-08122025

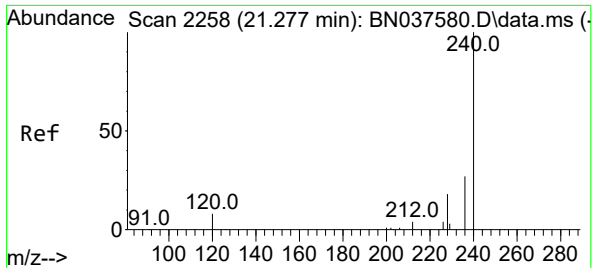
Tgt Ion:	178	Resp:	436
Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.0	22.6
179	21.6	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037607.D
Acq: 19 Aug 2025 14:53

Tgt Ion:	212	Resp:	5180
Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.5	17.3
104	7.7	6.6	9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

Instrument :

BNA_N

ClientSampleId :

MW-06-6.5-08122025

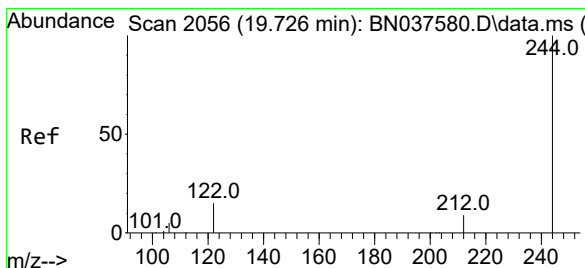
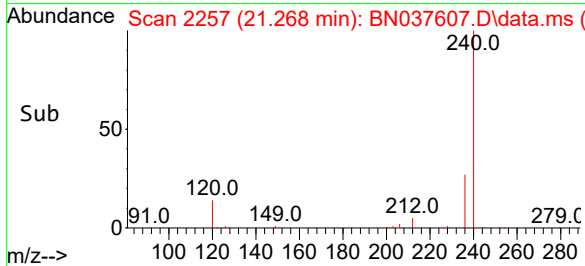
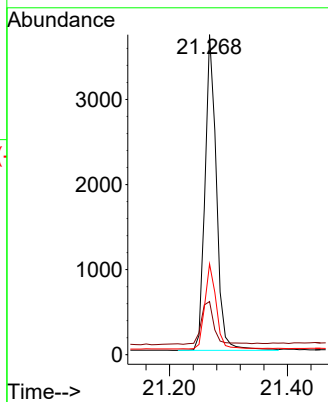
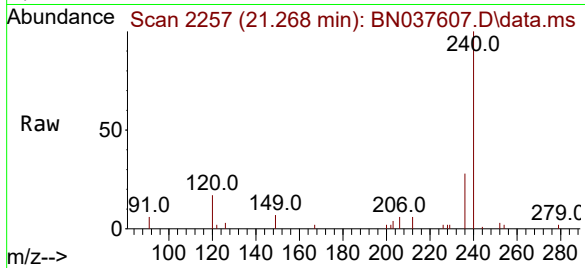
Tgt Ion:240 Resp: 4981

Ion Ratio Lower Upper

240 100

120 16.6 8.9 13.3#

236 28.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.430 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.005 min

Lab File: BN037607.D

Acq: 19 Aug 2025 14:53

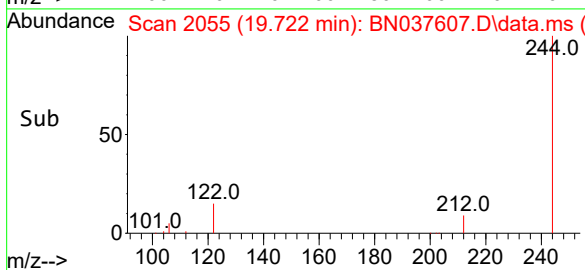
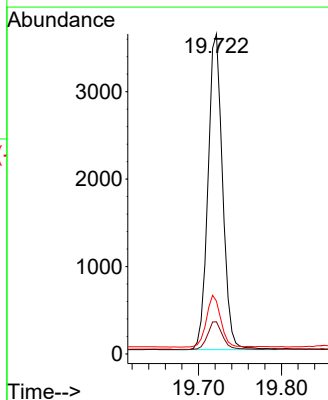
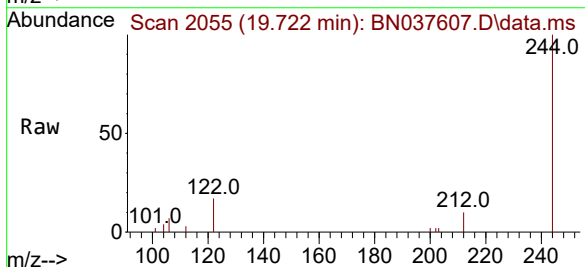
Tgt Ion:244 Resp: 4411

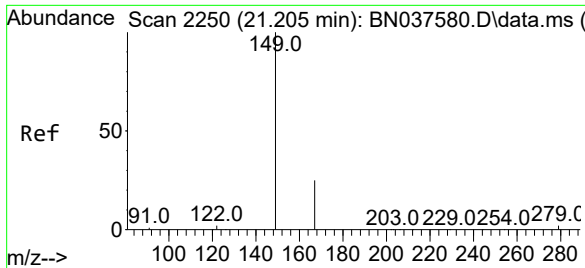
Ion Ratio Lower Upper

244 100

212 10.1 8.2 12.2

122 16.5 13.2 19.8

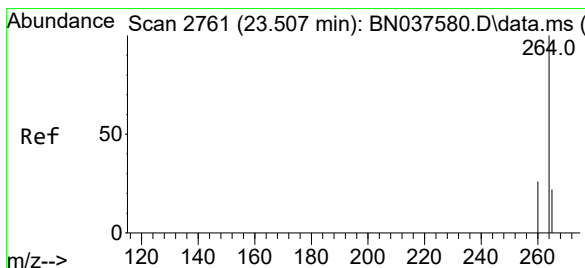
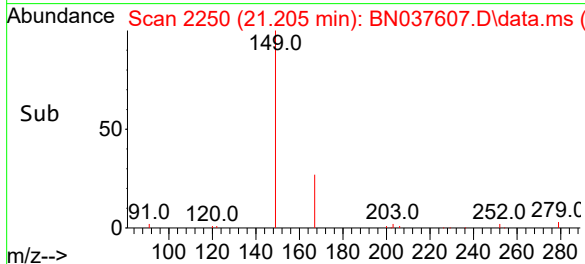
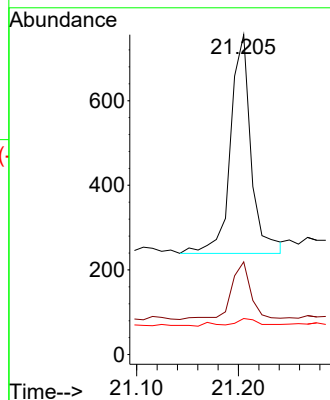
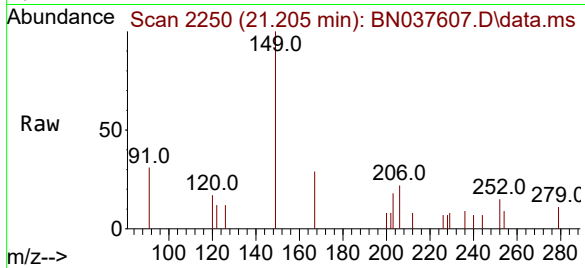




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.205 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

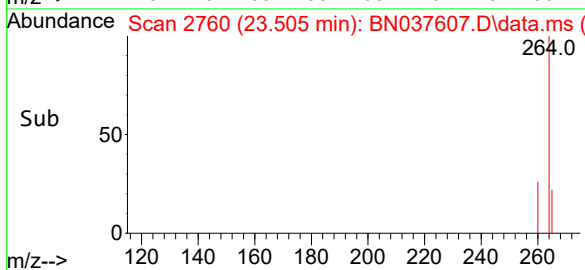
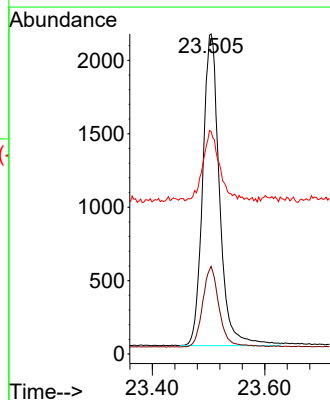
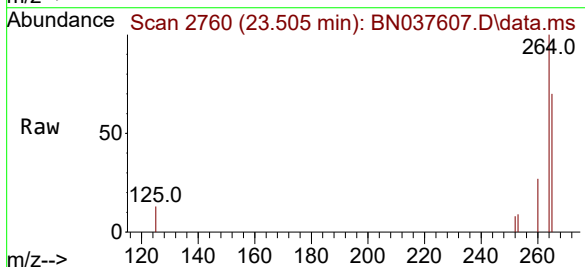
Instrument :
 BNA_N
 ClientSampleId :
 MW-06-6.5-08122025

Tgt Ion:149 Resp: 727
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.5 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.505 min Scan# 2760
 Delta R.T. -0.003 min
 Lab File: BN037607.D
 Acq: 19 Aug 2025 14:53

Tgt Ion:264 Resp: 4415
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.6 32.4
 265 69.5 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037619.D
Acq On : 20 Aug 2025 04:50
Operator : RC/JU
Sample : PB169286BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169286BL

Quant Time: Aug 20 06:13:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2323	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5229	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2344	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4466	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3733	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3552	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1799	0.342	ng	0.00
5) Phenol-d6	6.880	99	1860	0.293	ng	0.00
8) Nitrobenzene-d5	8.854	82	1323	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2298	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	240	0.234	ng	0.01
15) 2-Fluorobiphenyl	12.968	172	4692	0.346	ng	0.00
27) Fluoranthene-d10	19.118	212	3886	0.331	ng	0.00
31) Terphenyl-d14	19.717	244	2840	0.370	ng	0.00

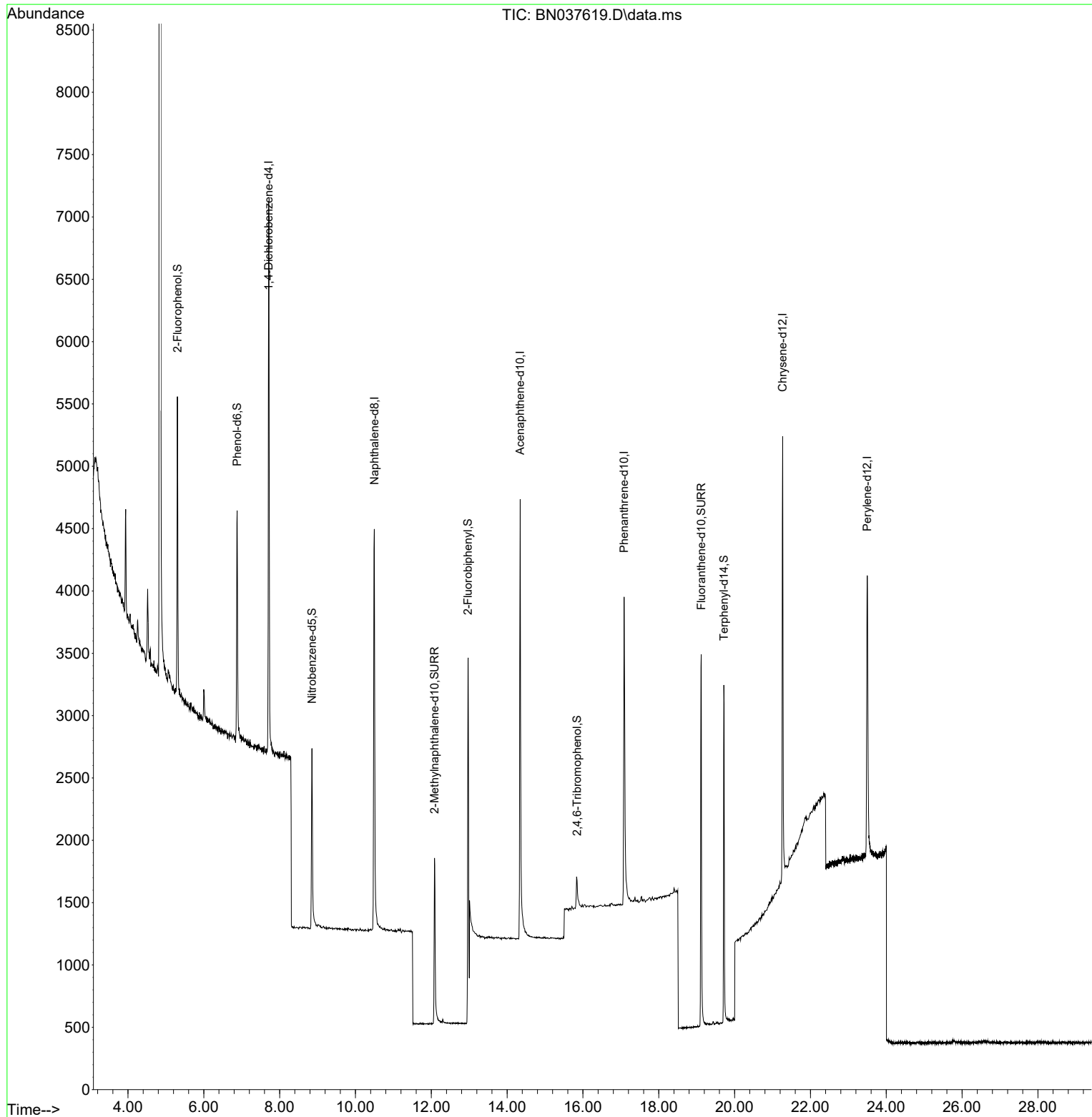
Target Compounds	Qvalue
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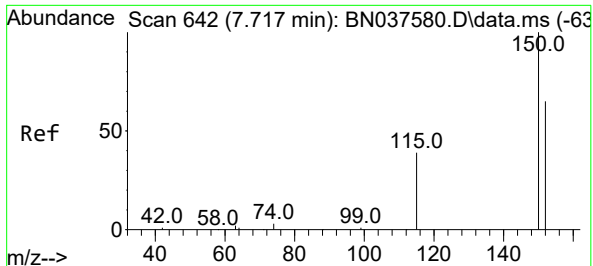
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037619.D
Acq On : 20 Aug 2025 04:50
Operator : RC/JU
Sample : PB169286BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169286BL

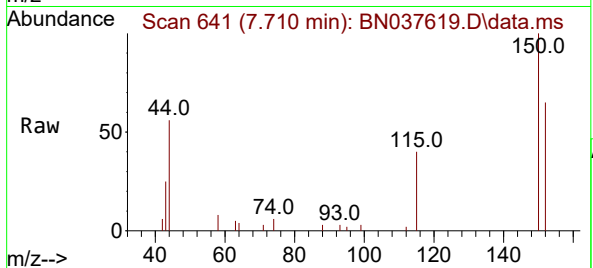
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



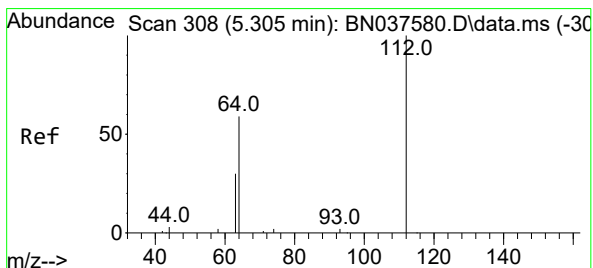
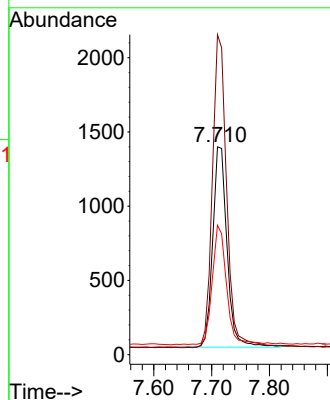
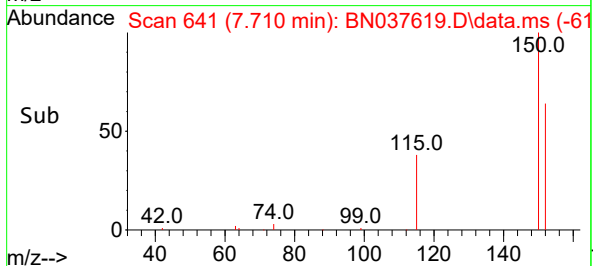


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Instrument :
BNA_N
ClientSampleId :
PB169286BL

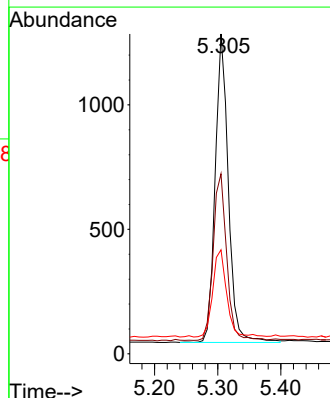
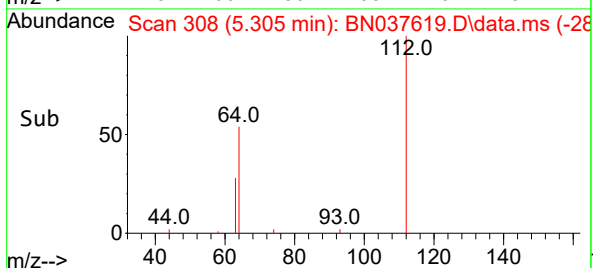
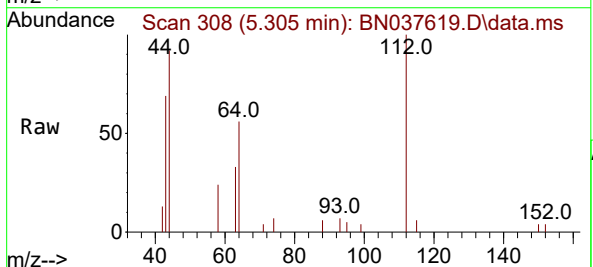


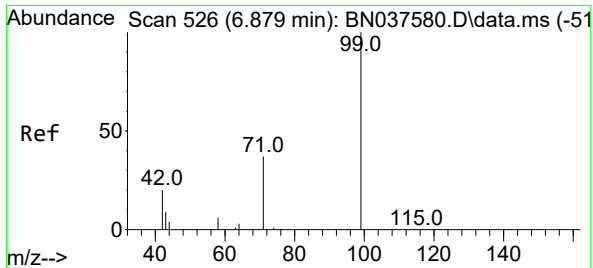
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 62.3 49.8 74.6



#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:112 Resp: 1799
Ion Ratio Lower Upper
112 100
64 55.3 44.9 67.3
63 30.0 23.4 35.2

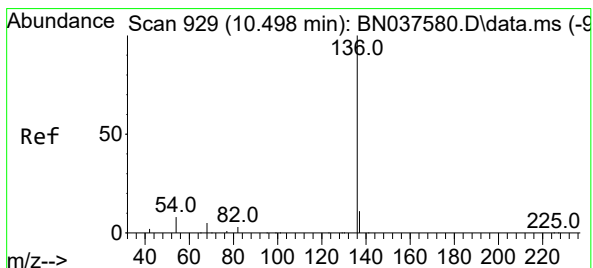
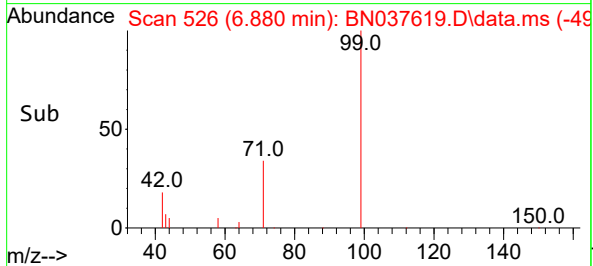
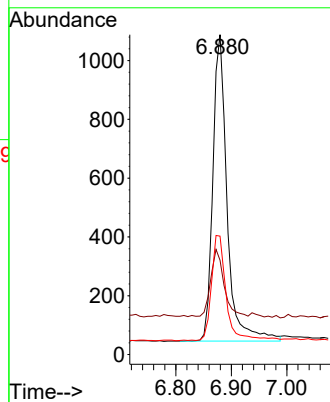
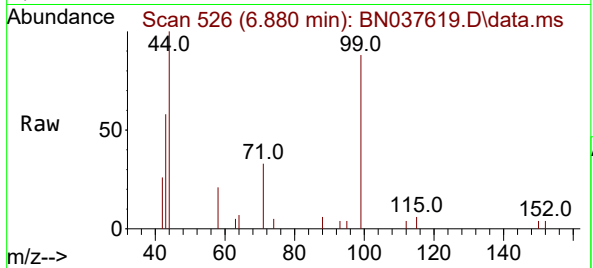




#5
Phenol-d6
Concen: 0.293 ng
RT: 6.880 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

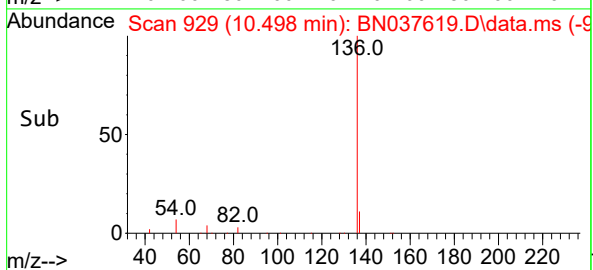
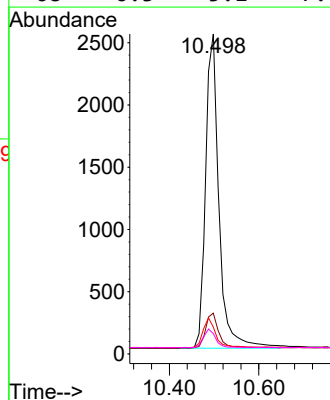
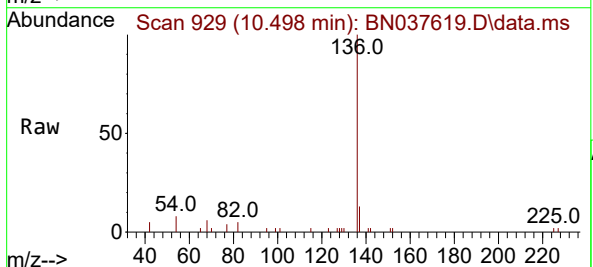
Instrument :
BNA_N
ClientSampleId :
PB169286BL

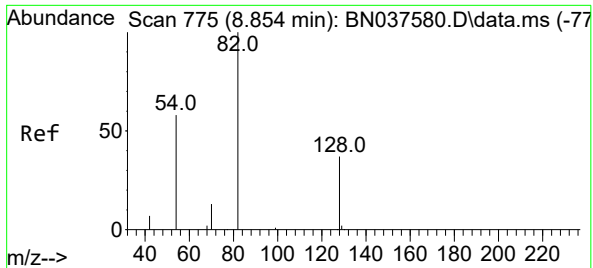
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.5	27.7
71	35.5	28.6	42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	8.4	7.3	10.9
68	6.3	5.1	7.7

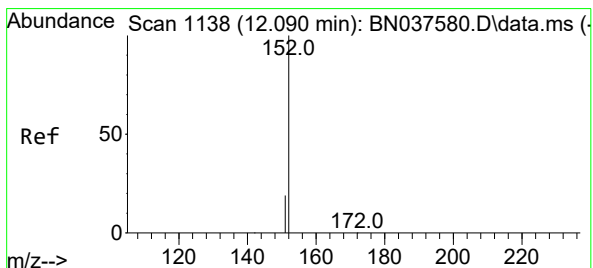
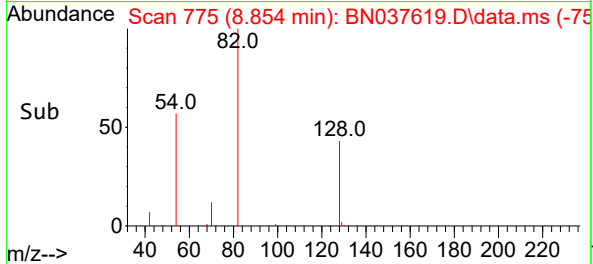
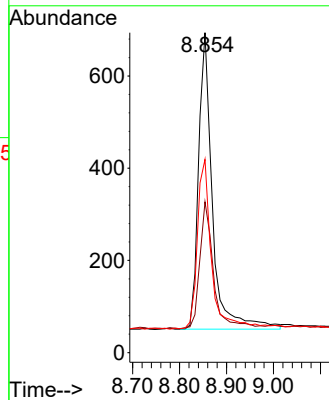
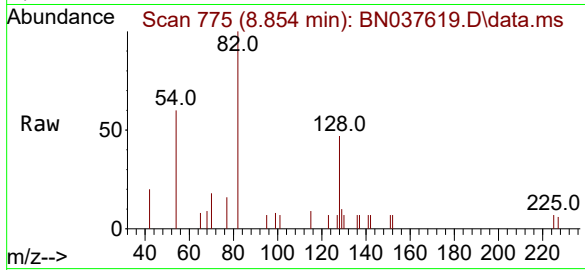




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

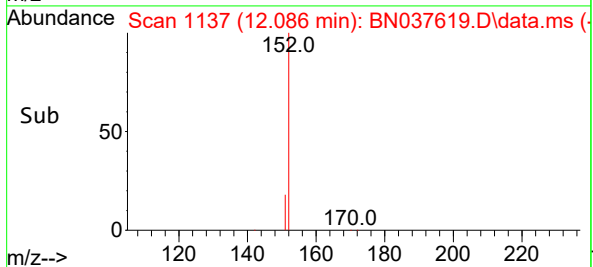
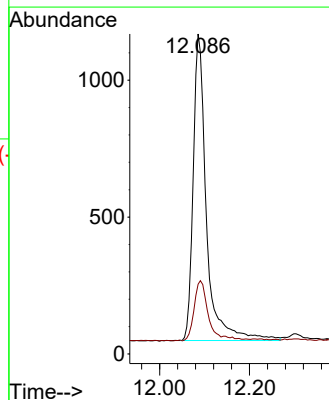
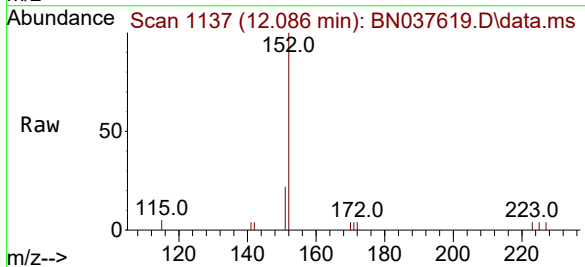
Instrument :
BNA_N
ClientSampleId :
PB169286BL

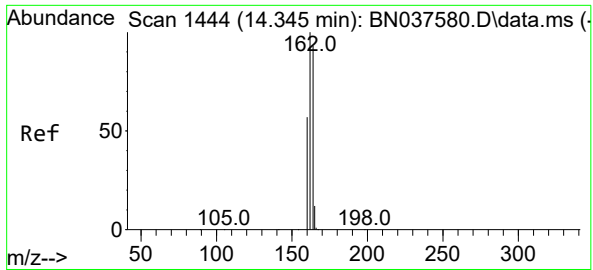
Tgt Ion: 82 Resp: 1323
Ion Ratio Lower Upper
82 100
128 47.1 32.6 48.8
54 60.4 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion: 152 Resp: 2298
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9

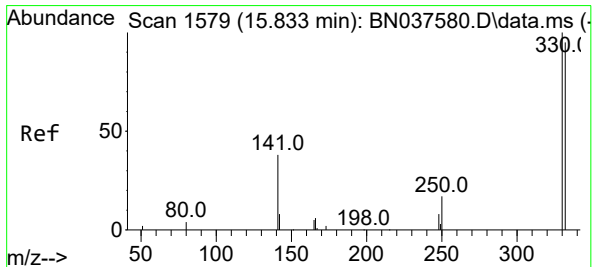
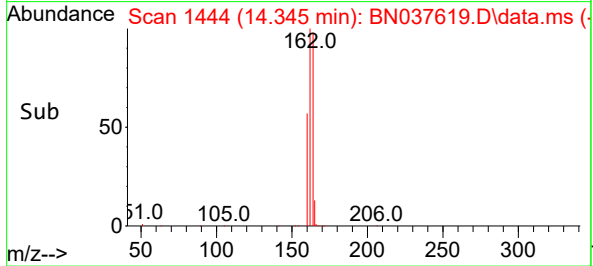
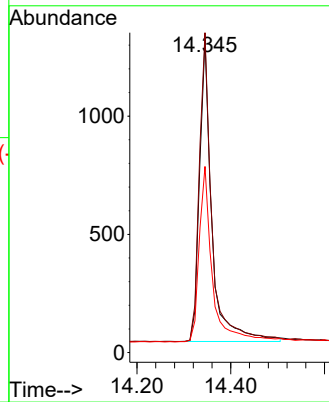
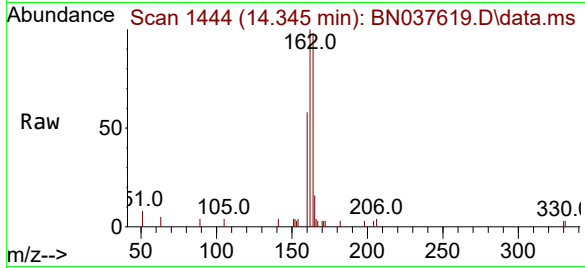




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

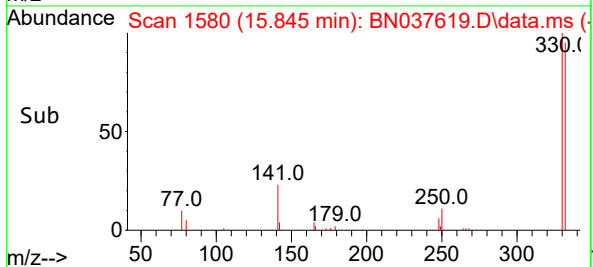
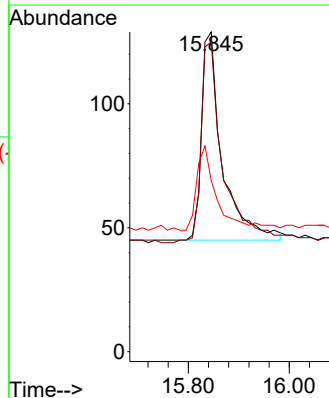
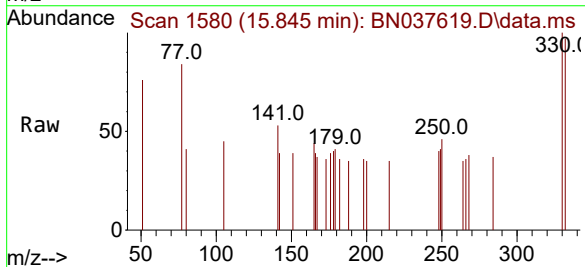
Instrument :
BNA_N
ClientSampleId :
PB169286BL

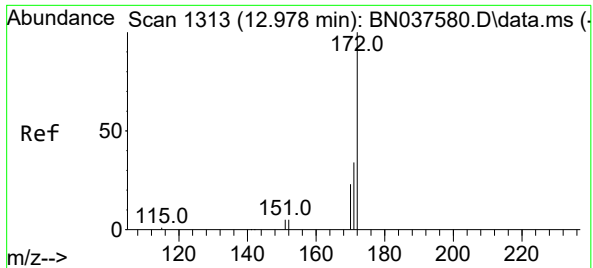
Tgt Ion:164 Resp: 2344
Ion Ratio Lower Upper
164 100
162 102.2 85.5 128.3
160 59.4 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.845 min Scan# 1580
Delta R.T. 0.013 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:330 Resp: 240
Ion Ratio Lower Upper
330 100
332 101.3 77.4 116.0
141 40.0 30.9 46.3



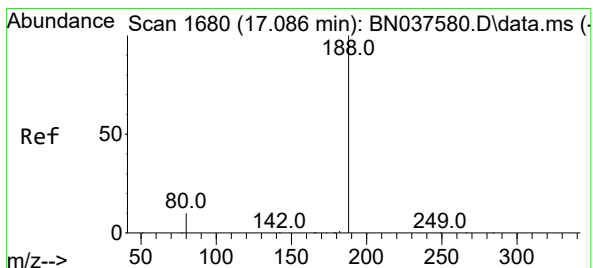
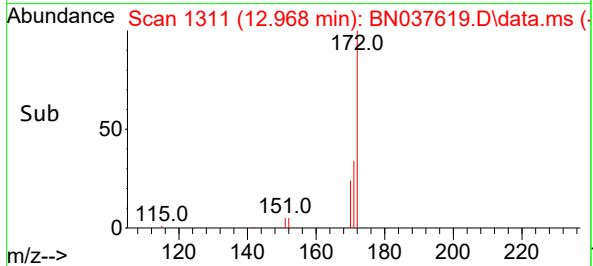
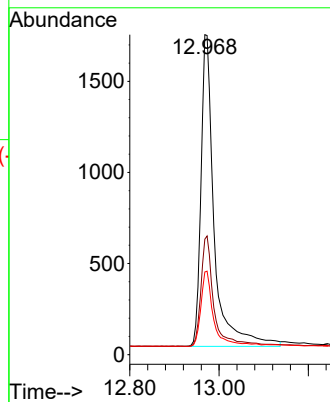
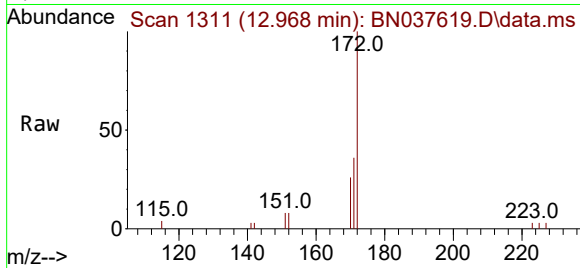


#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Instrument :
BNA_N
ClientSampleId :
PB169286BL

Tgt Ion:172 Resp: 4692

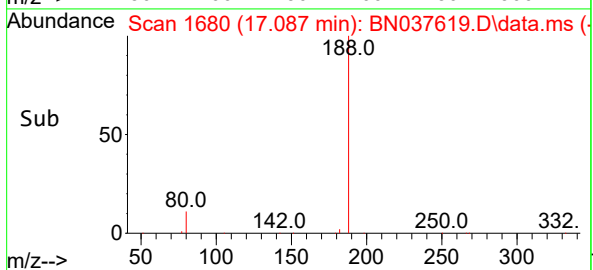
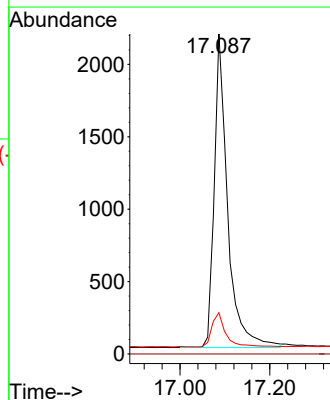
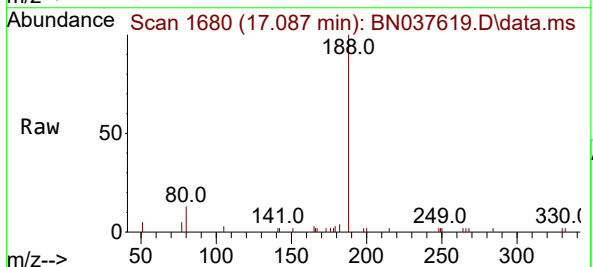
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	25.9	19.2	28.8

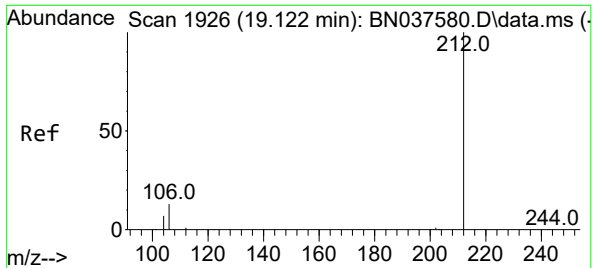


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:188 Resp: 4466

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	9.1	13.7





#27

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.004 min

Lab File: BN037619.D

Acq: 20 Aug 2025 04:50

Instrument :

BNA_N

ClientSampleId :

PB169286BL

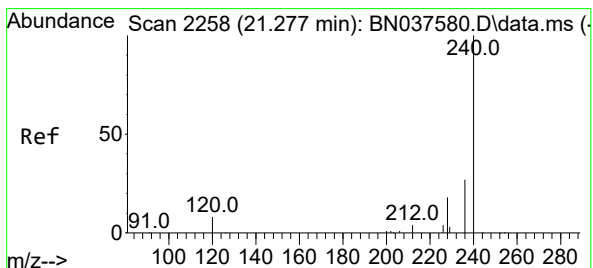
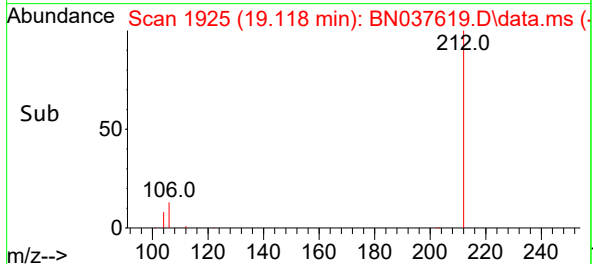
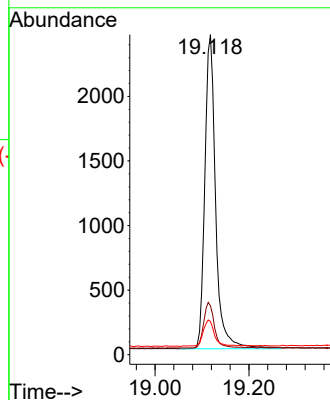
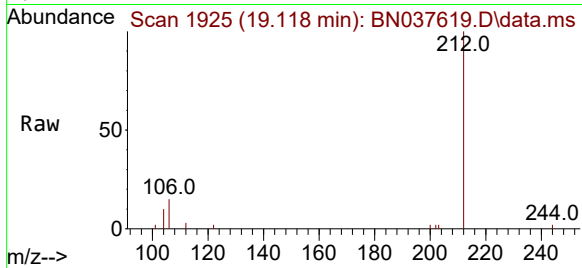
Tgt Ion:212 Resp: 3886

Ion Ratio Lower Upper

212 100

106 14.4 11.5 17.3

104 9.3 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037619.D

Acq: 20 Aug 2025 04:50

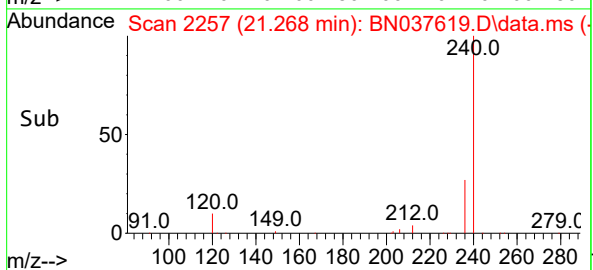
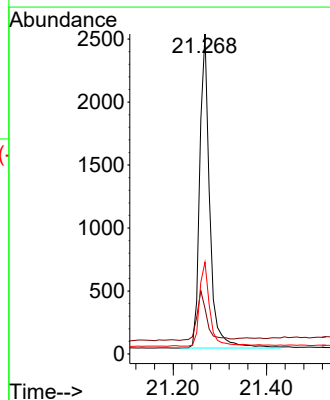
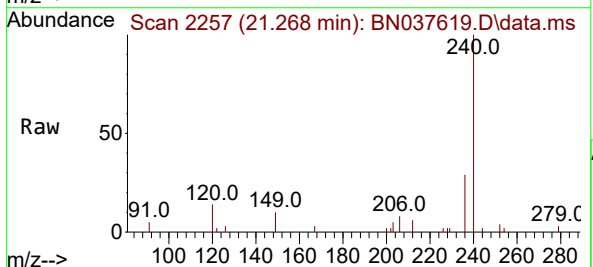
Tgt Ion:240 Resp: 3733

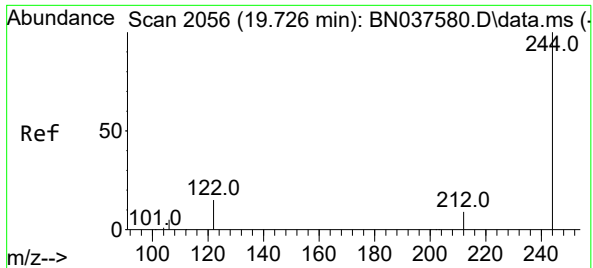
Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3#

236 28.7 22.6 33.8

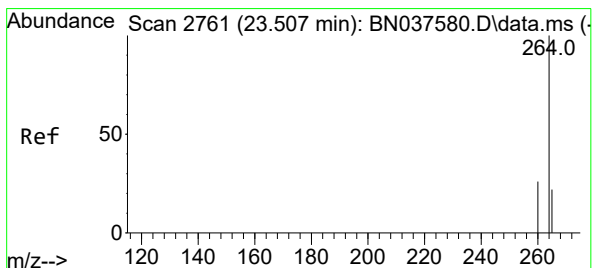
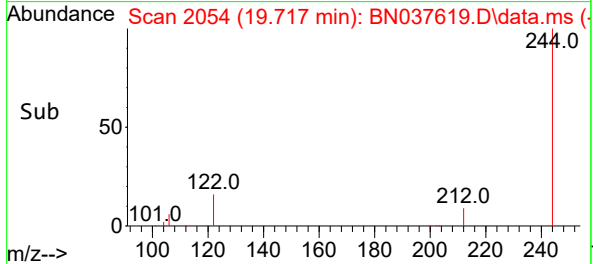
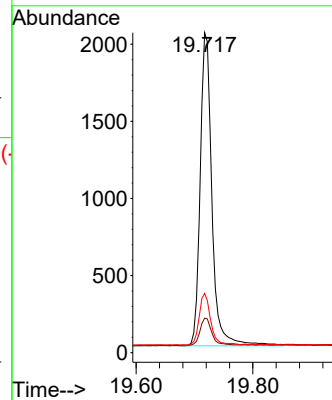
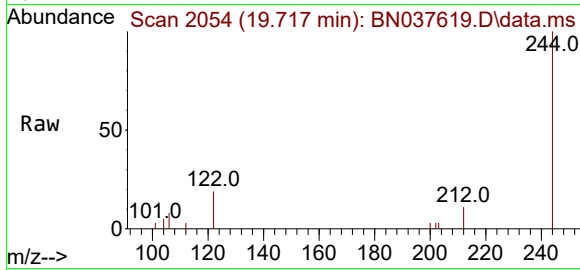




#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

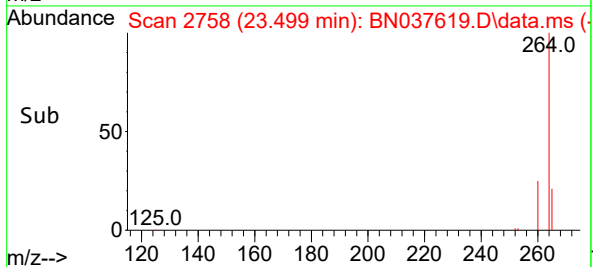
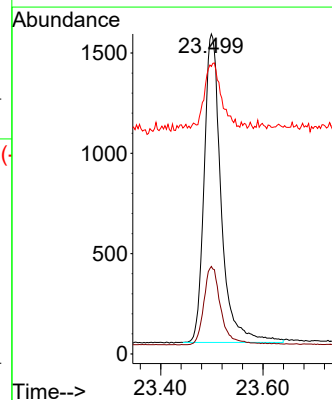
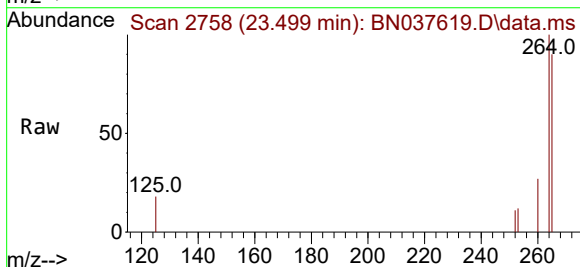
Instrument :
BNA_N
ClientSampleId :
PB169286BL

Tgt Ion:244 Resp: 2840
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.2
122 18.5 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2758
Delta R.T. -0.008 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Tgt Ion:264 Resp: 3552
Ion Ratio Lower Upper
264 100
260 27.3 21.6 32.4
265 89.8 48.2 72.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037630.D
 Acq On : 20 Aug 2025 11:25
 Operator : RC/JU
 Sample : PB169286BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BS

Quant Time: Aug 21 04:13:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

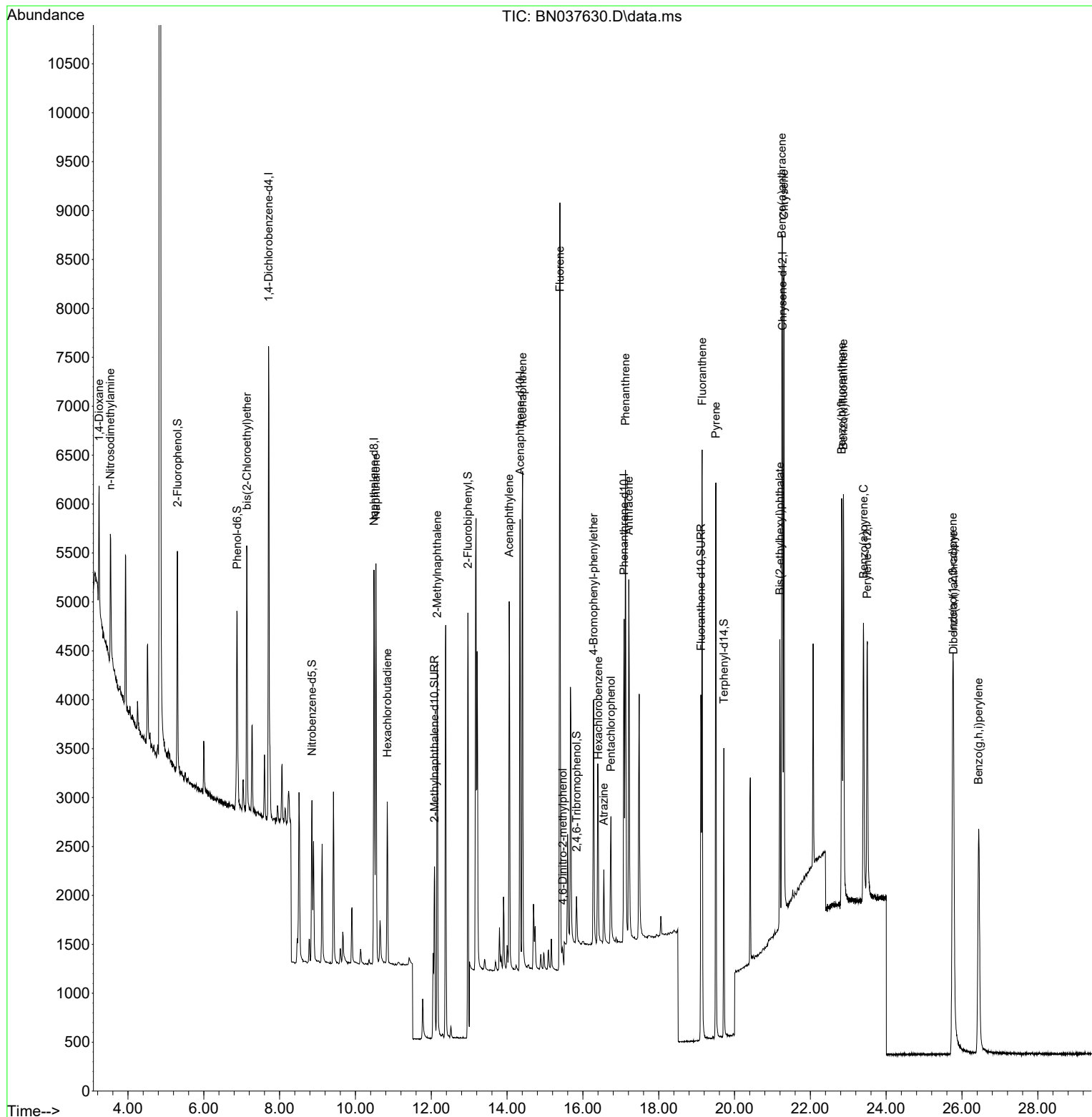
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2389	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	5616	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2629	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5040	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4175	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3780	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	1761	0.325	ng	0.00
5) Phenol-d6	6.879	99	1961	0.301	ng	0.00
8) Nitrobenzene-d5	8.854	82	1380	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2508	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	342	0.297	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	5503	0.362	ng	-0.01
27) Fluoranthene-d10	19.113	212	4038	0.305	ng	0.00
31) Terphenyl-d14	19.717	244	3008	0.350	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	677	0.296	ng	# 78
3) n-Nitrosodimethylamine	3.535	42	966	0.331	ng	95
6) bis(2-Chloroethyl)ether	7.139	93	2041	0.347	ng	96
9) Naphthalene	10.541	128	5264	0.352	ng	99
10) Hexachlorobutadiene	10.840	225	1357	0.371	ng	# 99
12) 2-Methylnaphthalene	12.156	142	2891	0.308	ng	100
16) Acenaphthylene	14.056	152	4394	0.373	ng	100
17) Acenaphthene	14.409	154	2664	0.332	ng	99
18) Fluorene	15.392	166	3473	0.331	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	153	0.348	ng	# 79
21) 4-Bromophenyl-phenylether	16.280	248	1063	0.336	ng	# 82
22) Hexachlorobenzene	16.404	284	1644	0.366	ng	98
23) Atrazine	16.553	200	688	0.384	ng	95
24) Pentachlorophenol	16.739	266	719	0.456	ng	96
25) Phenanthrene	17.124	178	5179	0.338	ng	99
26) Anthracene	17.210	178	4635	0.342	ng	100
28) Fluoranthene	19.146	202	5464	0.310	ng	100
30) Pyrene	19.508	202	5332	0.342	ng	100
32) Benzo(a)anthracene	21.250	228	4944	0.355	ng	98
33) Chrysene	21.304	228	5598	0.360	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	1867	0.324	ng	100
36) Indeno(1,2,3-cd)pyrene	25.756	276	5812	0.365	ng	99
37) Benzo(b)fluoranthene	22.829	252	5325	0.372	ng	97
38) Benzo(k)fluoranthene	22.873	252	5420	0.335	ng	97
39) Benzo(a)pyrene	23.402	252	4490	0.378	ng	95
40) Dibenzo(a,h)anthracene	25.776	278	4445	0.360	ng	100
41) Benzo(g,h,i)perylene	26.440	276	5149	0.395	ng	98

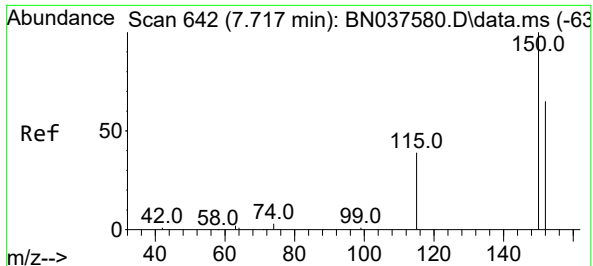
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN037630.D
Acq On : 20 Aug 2025 11:25
Operator : RC/JU
Sample : PB169286BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169286BS

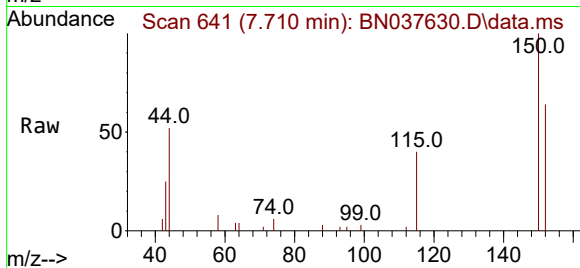
Quant Time: Aug 21 04:13:47 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



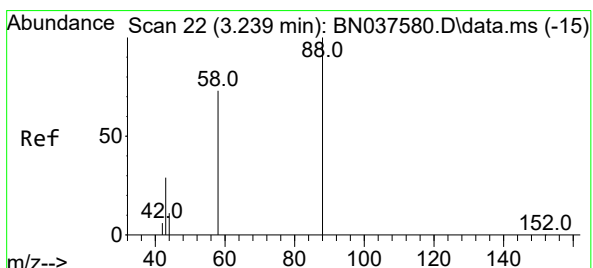
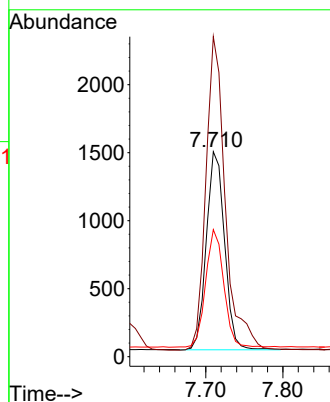
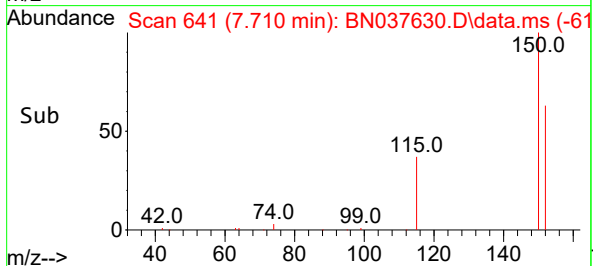


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037630.D
 Acq: 20 Aug 2025 11:25

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BS

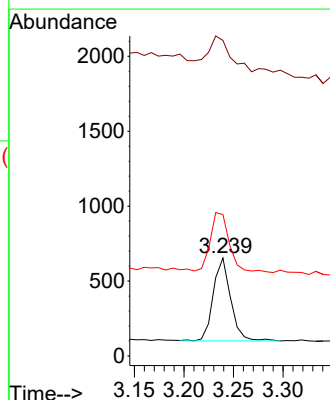
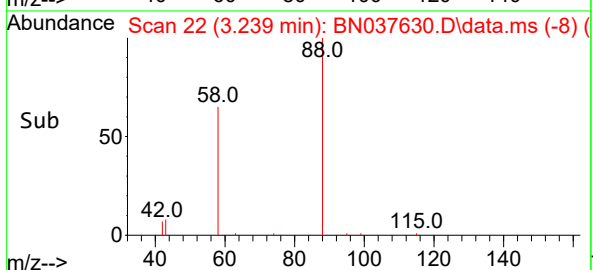
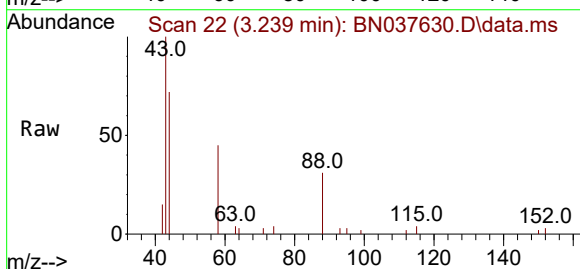


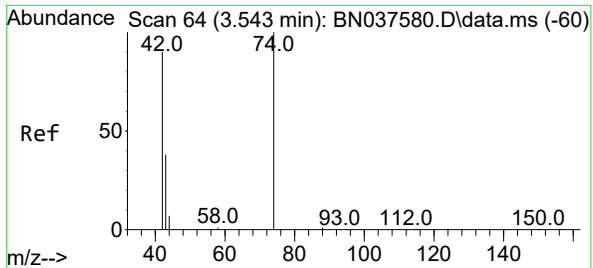
Tgt Ion:152 Resp: 2389
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.2 183.4
 115 62.0 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.296 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037630.D
 Acq: 20 Aug 2025 11:25

Tgt Ion: 88 Resp: 677
 Ion Ratio Lower Upper
 88 100
 43 67.7 25.8 38.6#
 58 80.4 61.2 91.8

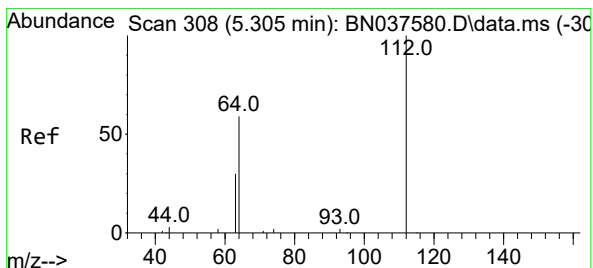
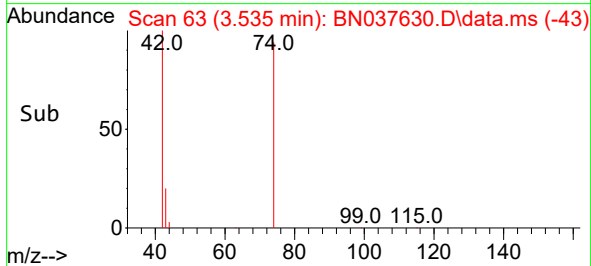
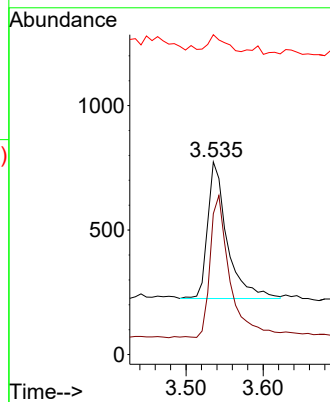
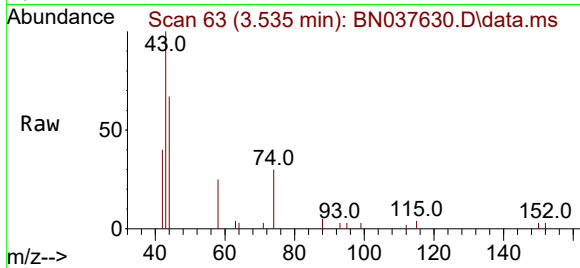




#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

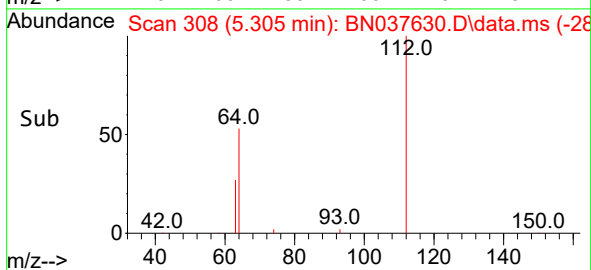
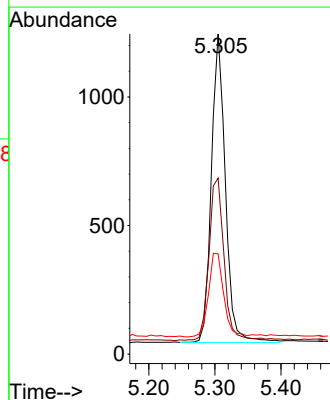
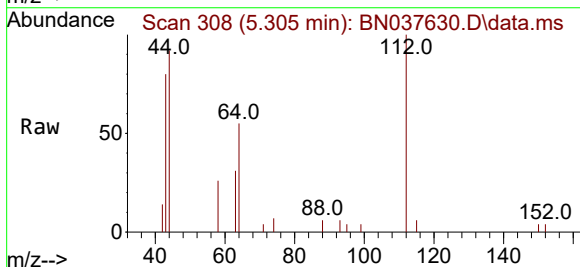
Instrument :
BNA_N
ClientSampleId :
PB169286BS

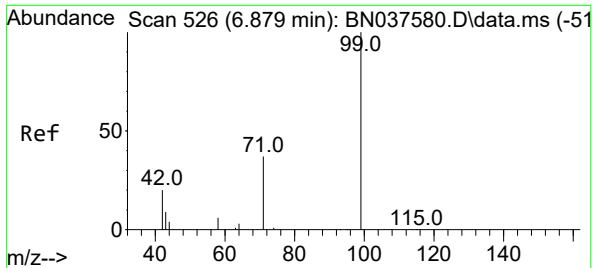
Tgt Ion: 42 Resp: 966
Ion Ratio Lower Upper
42 100
74 107.3 82.0 123.0
44 10.8 7.9 11.9



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 112 Resp: 1761
Ion Ratio Lower Upper
112 100
64 57.8 44.9 67.3
63 29.2 23.4 35.2

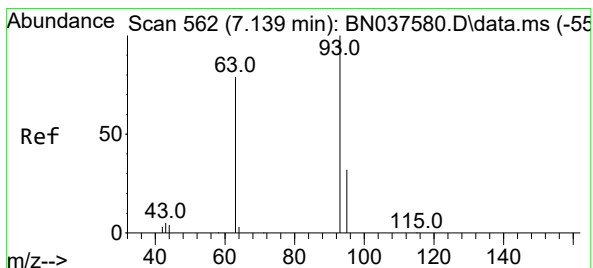
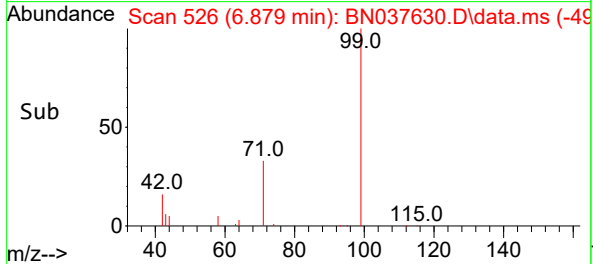
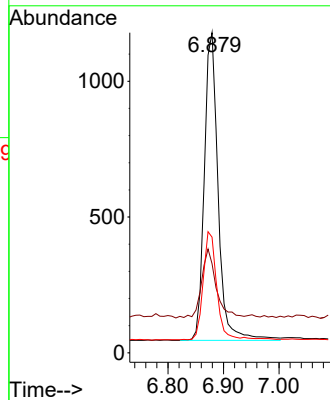
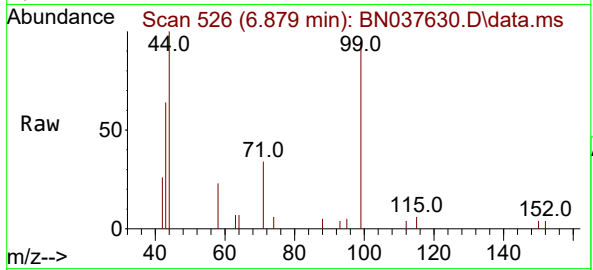




#5
Phenol-d6
Concen: 0.301 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

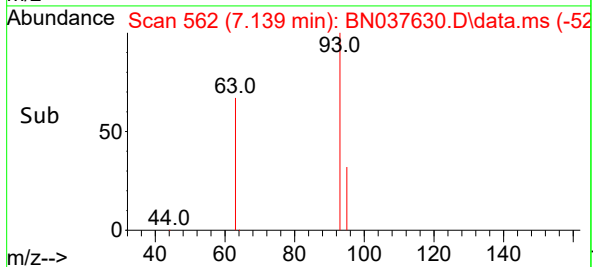
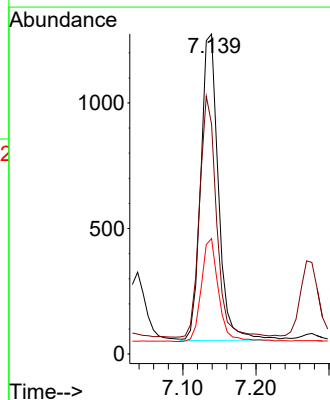
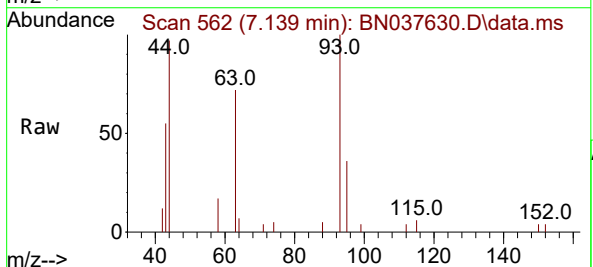
Instrument :
BNA_N
ClientSampleId :
PB169286BS

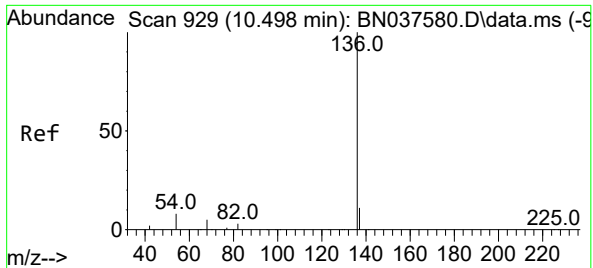
Tgt Ion: 99 Resp: 1961
Ion Ratio Lower Upper
99 100
42 23.7 18.5 27.7
71 34.9 28.6 42.8



#6
bis(2-Chloroethyl)ether
Concen: 0.347 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion: 93 Resp: 2041
Ion Ratio Lower Upper
93 100
63 75.7 58.0 87.0
95 32.9 24.9 37.3

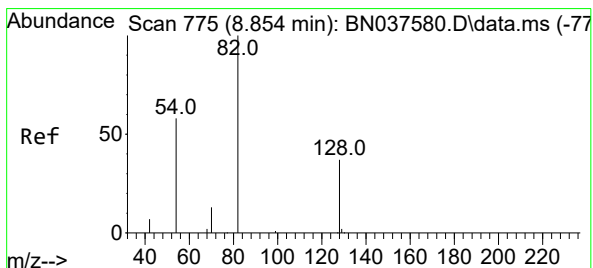
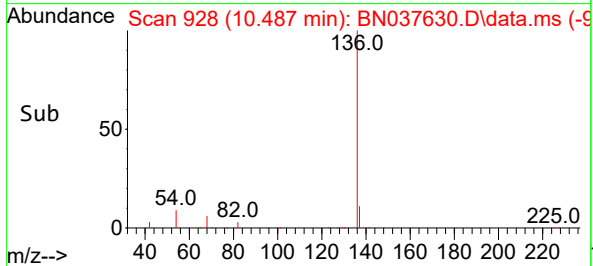
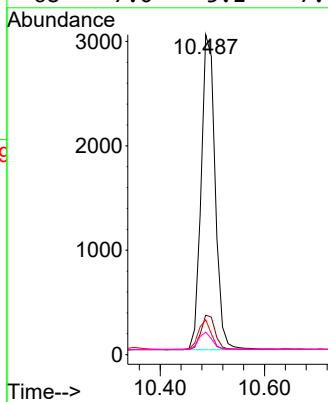
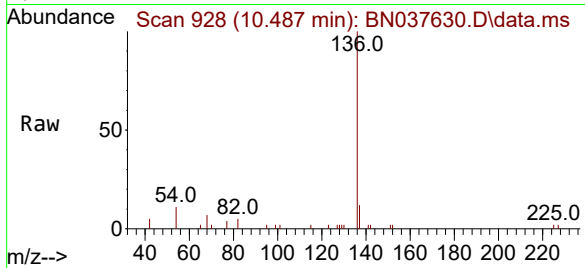




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

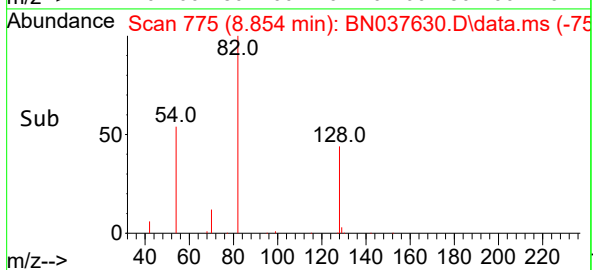
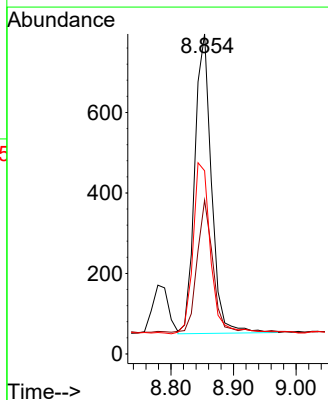
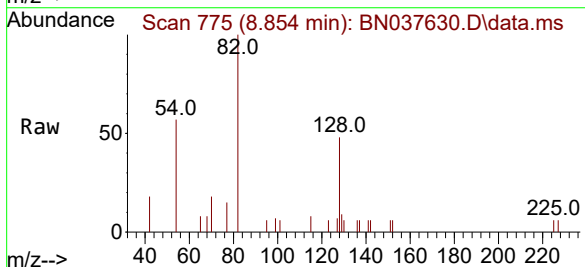
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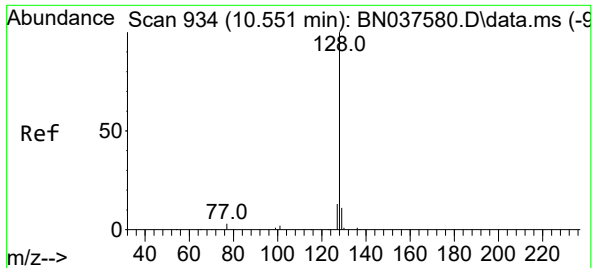
Tgt Ion:	136	Resp:	5616
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	10.9	7.3	10.9
68	7.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:	82	Resp:	1380
Ion	Ratio	Lower	Upper
82	100		
128	48.1	32.6	48.8
54	57.2	48.9	73.3

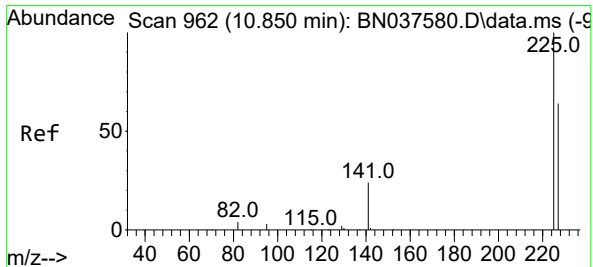
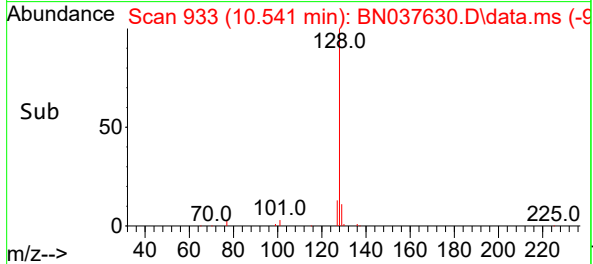
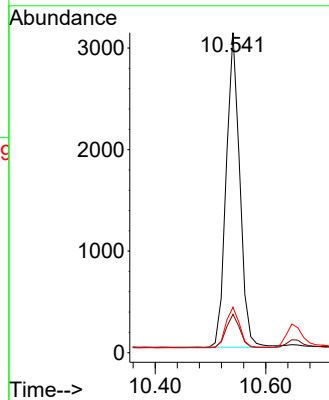
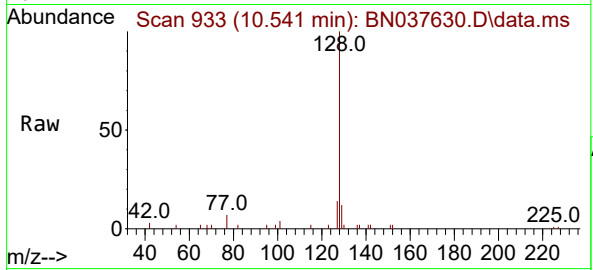




#9
Naphthalene
Concen: 0.352 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

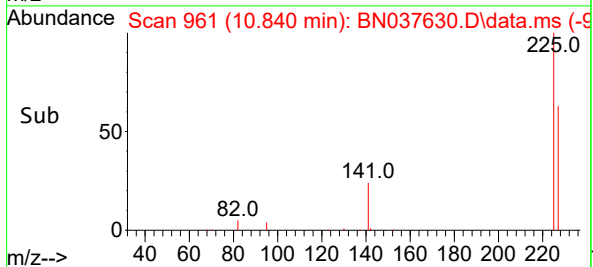
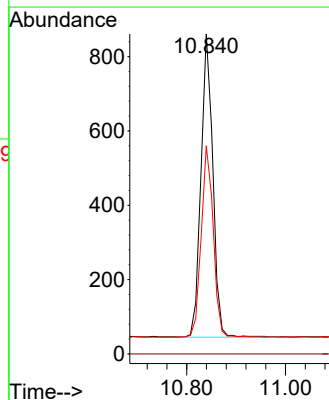
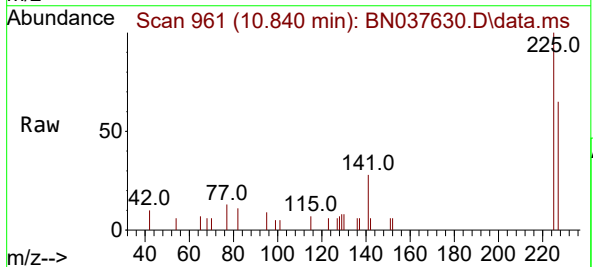
Instrument :
BNA_N
ClientSampleId :
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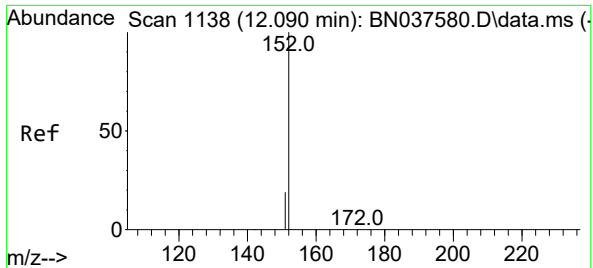
Tgt Ion:	128	Resp:	5264
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.2	11.5	17.3



#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:	225	Resp:	1357
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.8	76.2

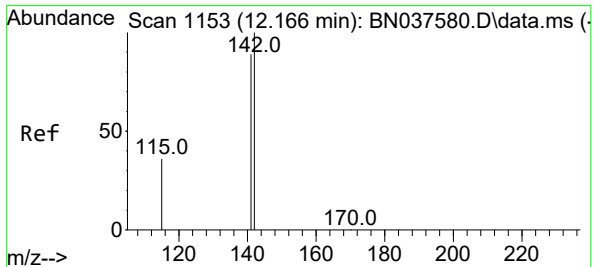
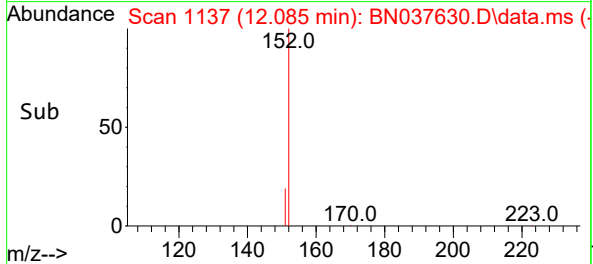
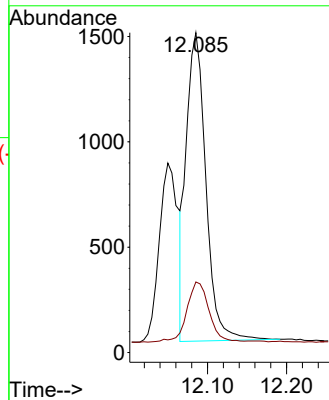
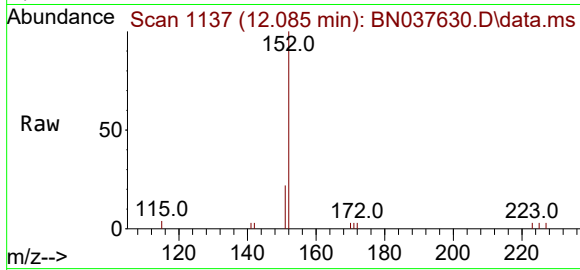




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

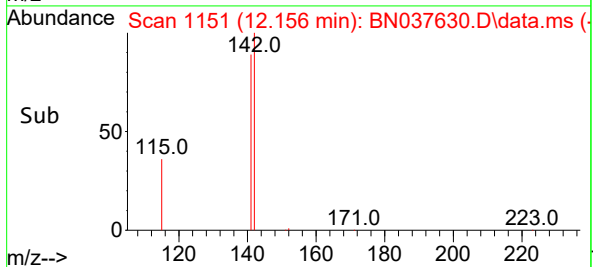
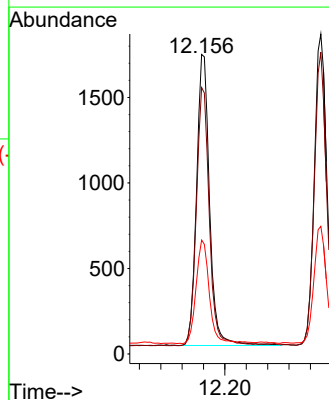
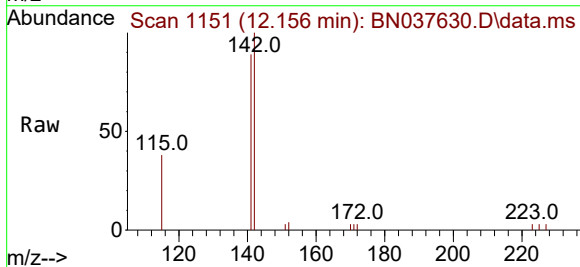
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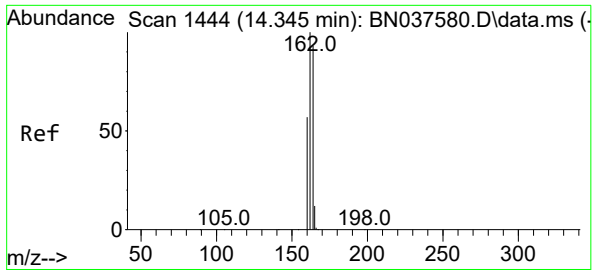
Tgt Ion:152 Resp: 2508
Ion Ratio Lower Upper
152 100
151 22.4 17.3 25.9



#12
2-Methylnaphthalene
Concen: 0.308 ng
RT: 12.156 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:142 Resp: 2891
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0
115 38.0 30.2 45.4

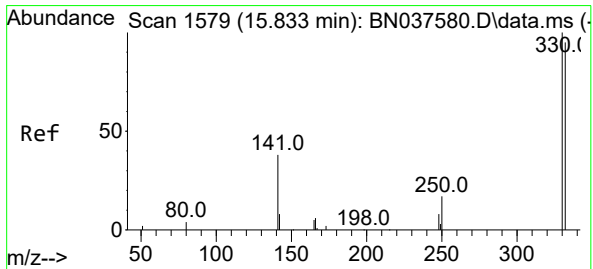
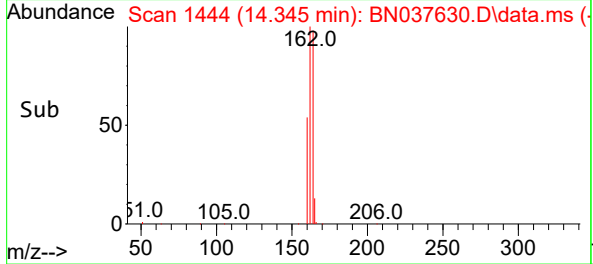
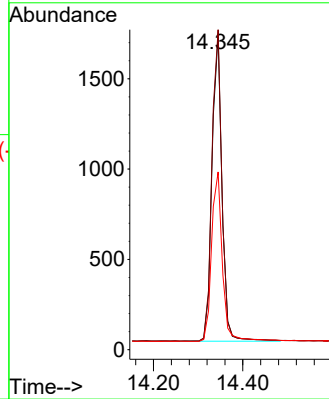
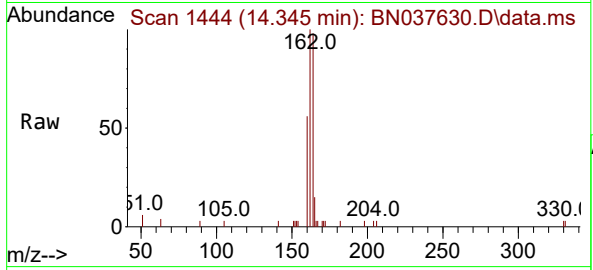




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

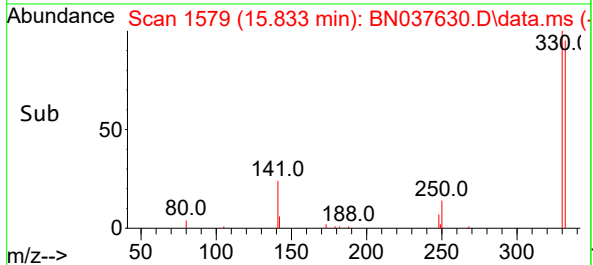
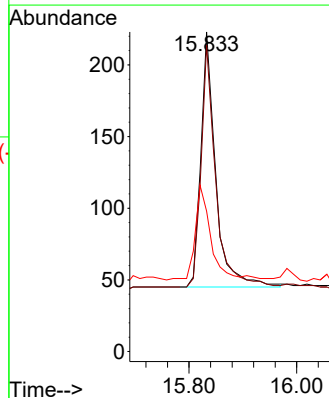
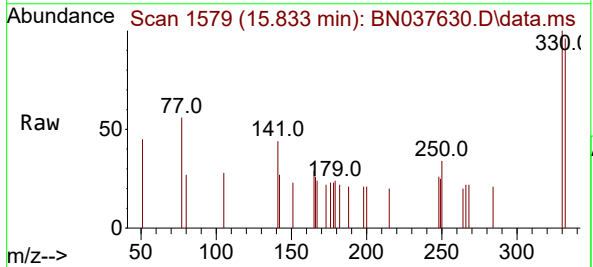
Instrument :
BNA_N
ClientSampleId :
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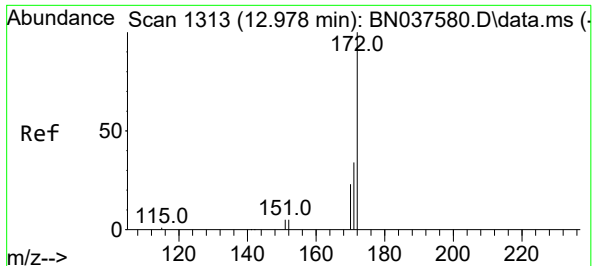
Tgt Ion:164 Resp: 2629
Ion Ratio Lower Upper
164 100
162 101.7 85.5 128.3
160 56.5 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

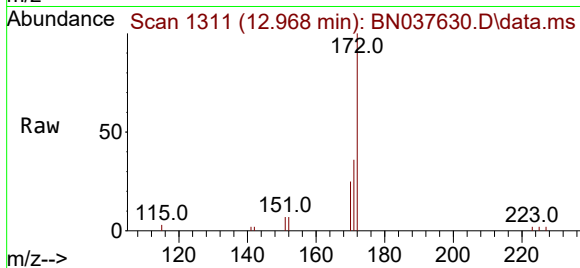
Tgt Ion:330 Resp: 342
Ion Ratio Lower Upper
330 100
332 93.3 77.4 116.0
141 39.5 30.9 46.3



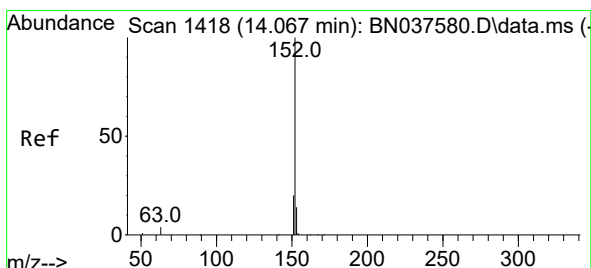
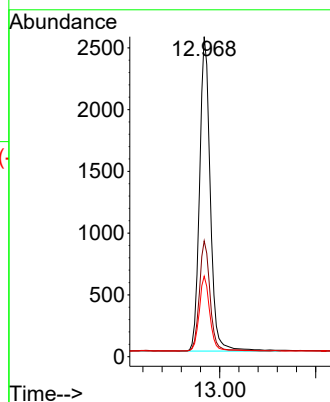
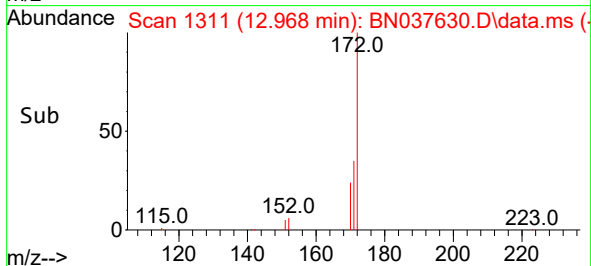


#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_N
ClientSampleId :
PB169286BS

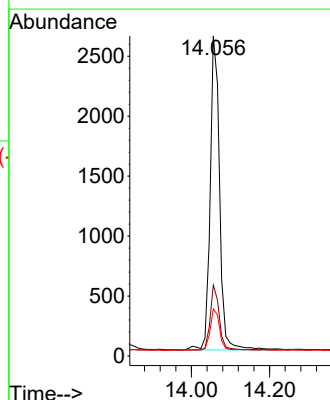
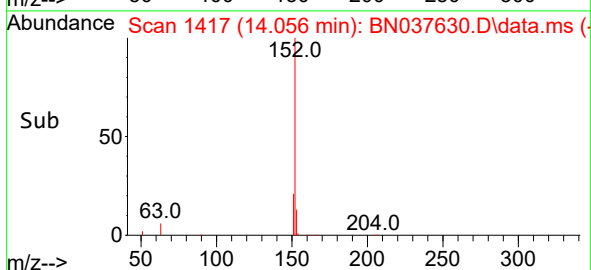
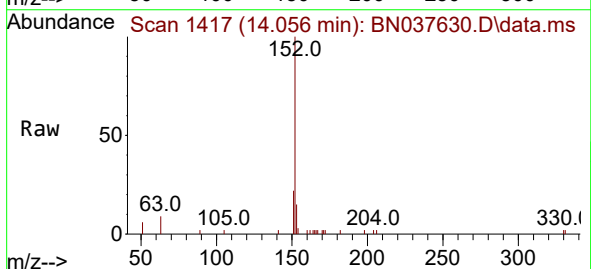


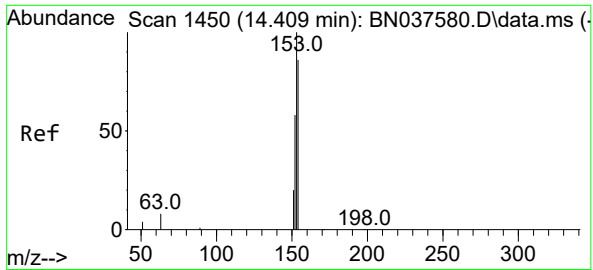
Tgt Ion:172 Resp: 5503
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.4
170 25.1 19.2 28.8



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:152 Resp: 4394
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.7 16.1

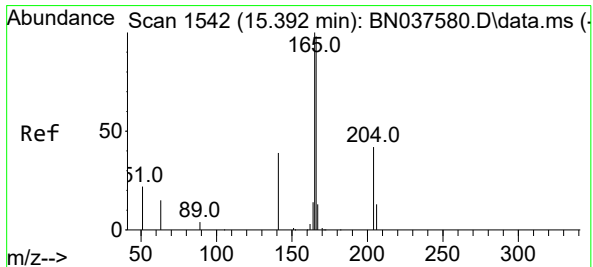
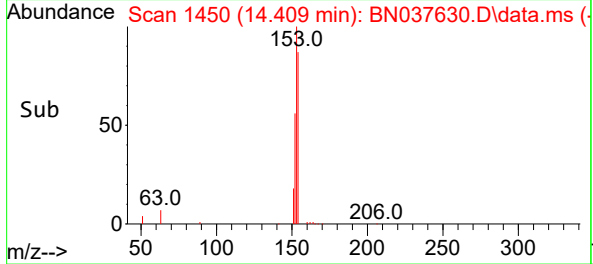
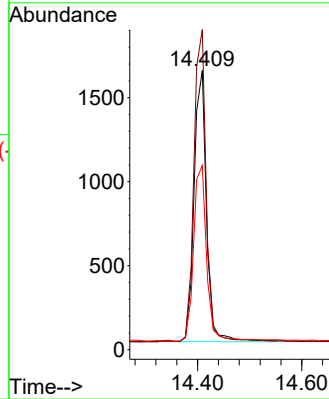
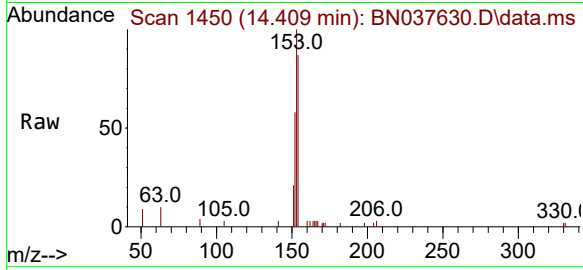




#17
Acenaphthene
Concen: 0.332 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

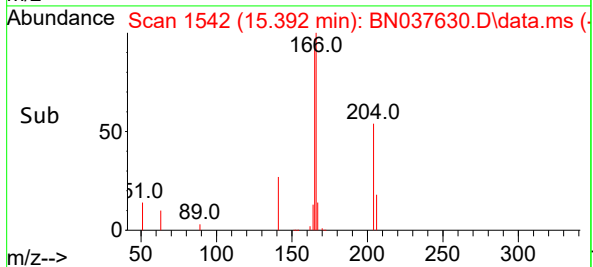
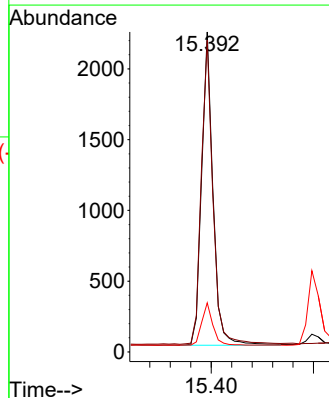
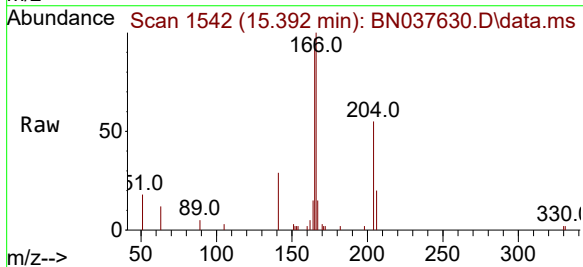
Instrument :
BNA_N
ClientSampleId :
PB169286BS

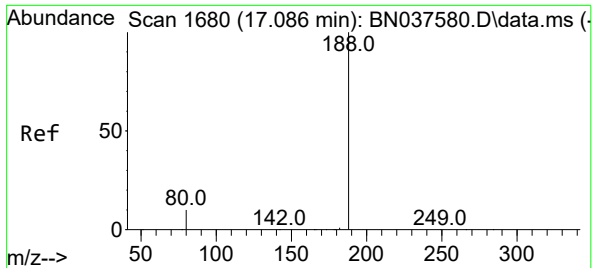
Tgt Ion:154 Resp: 2664
Ion Ratio Lower Upper
154 100
153 114.4 90.6 135.8
152 68.6 54.9 82.3



#18
Fluorene
Concen: 0.331 ng
RT: 15.392 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:166 Resp: 3473
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 13.1 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

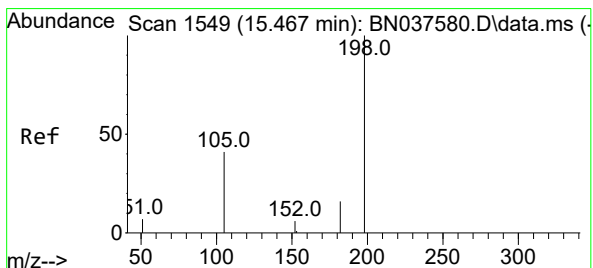
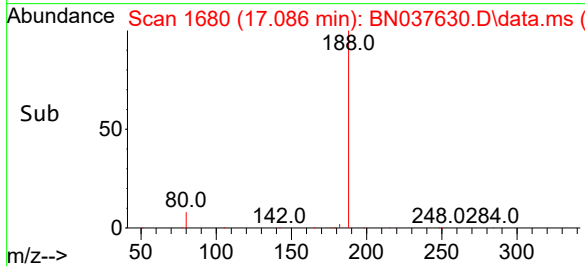
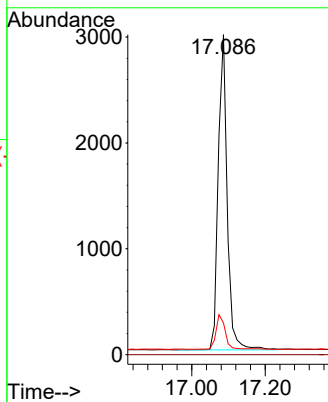
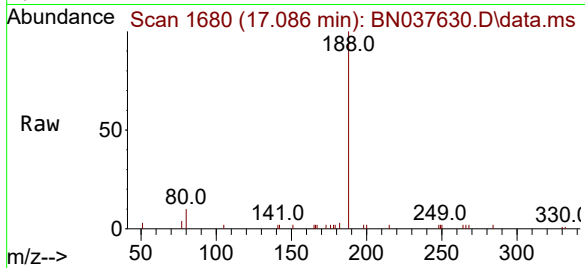
Tgt Ion:188 Resp: 5040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.348 ng

RT: 15.467 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

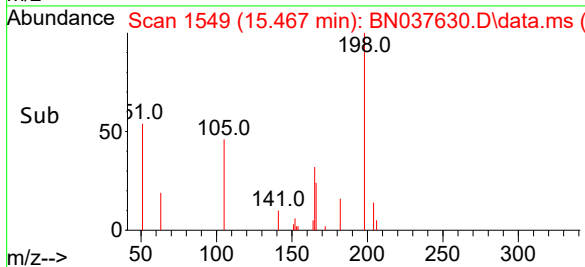
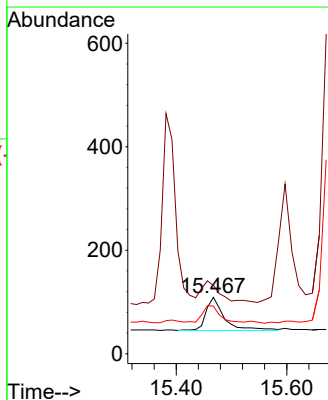
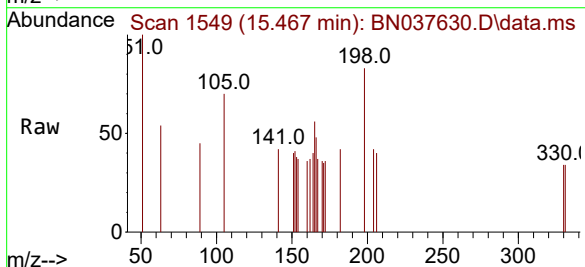
Tgt Ion:198 Resp: 153

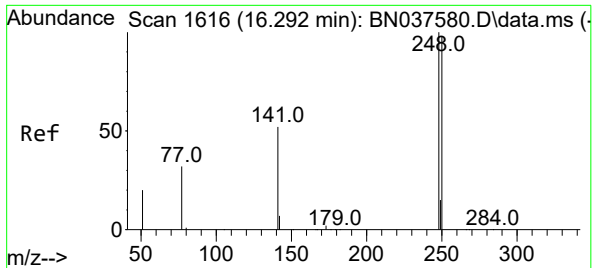
Ion Ratio Lower Upper

198 100

51 121.1 81.0 121.6

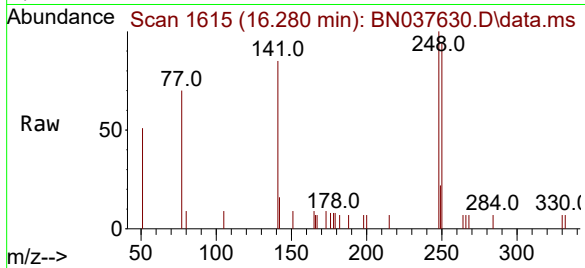
105 84.4 52.5 78.7#



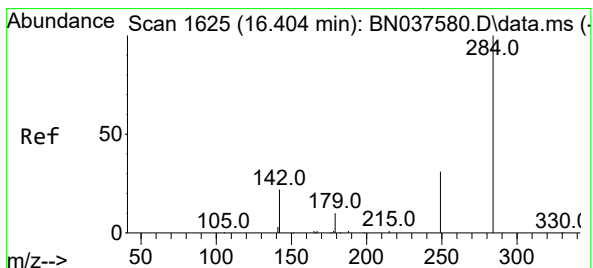
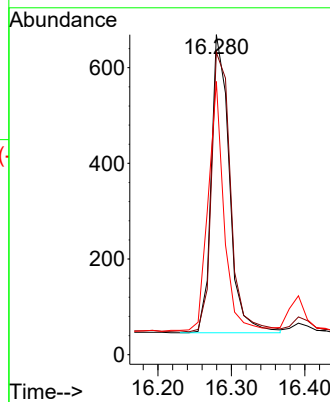
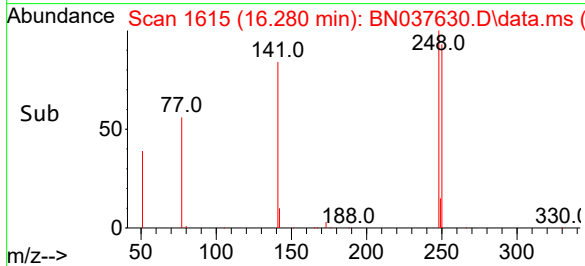


#21
4-Bromophenyl-phenylether
Concen: 0.336 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

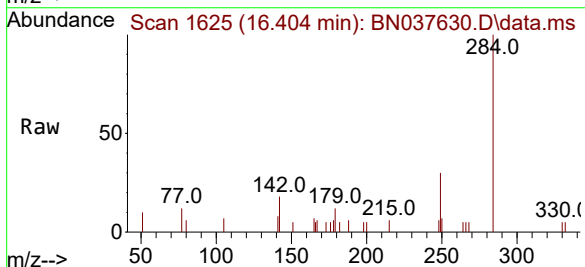
Instrument :
BNA_N
ClientSampleId :
PB169286BS



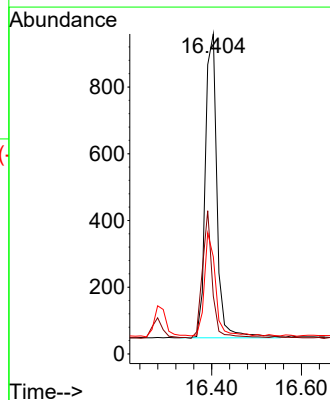
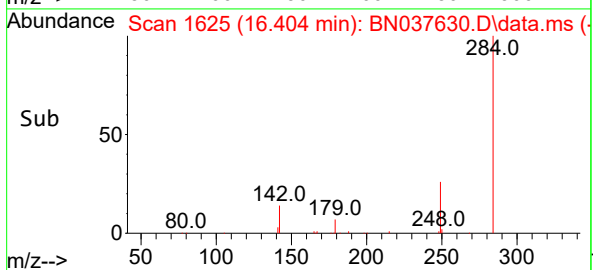
Tgt Ion:248 Resp: 1063
Ion Ratio Lower Upper
248 100
250 94.5 78.6 118.0
141 85.4 43.7 65.5#

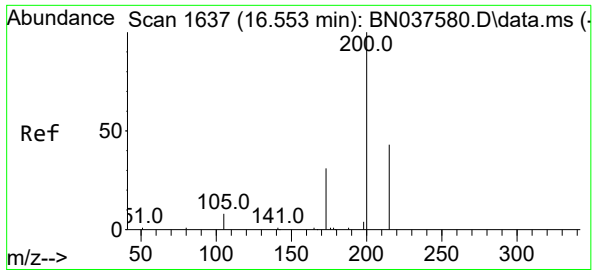


#22
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25



Tgt Ion:284 Resp: 1644
Ion Ratio Lower Upper
284 100
142 35.3 29.8 44.6
249 32.5 26.0 39.0





#23

Atrazine

Concen: 0.384 ng

RT: 16.553 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

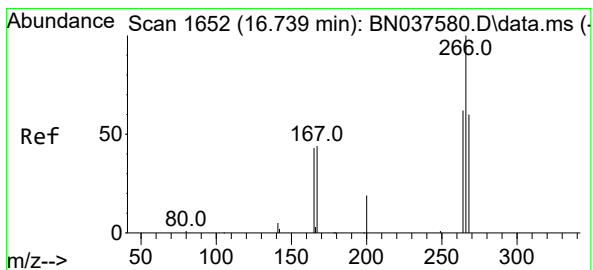
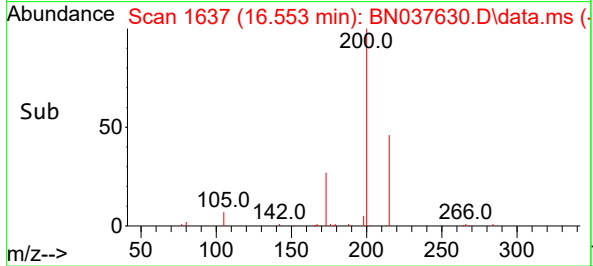
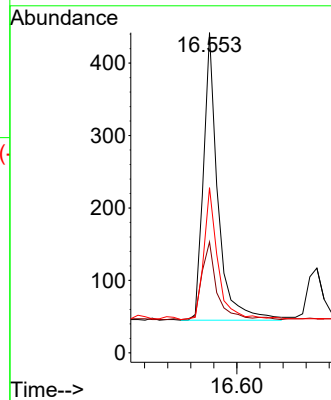
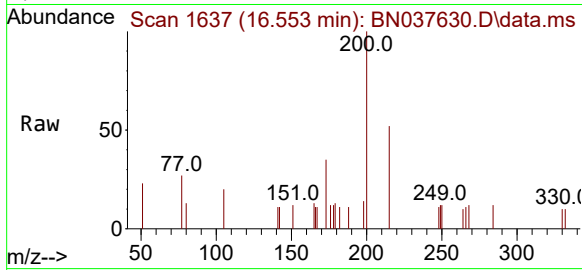
Tgt Ion:200 Resp: 688

Ion Ratio Lower Upper

200 100

173 34.6 31.0 46.4

215 51.6 39.4 59.0



#24

Pentachlorophenol

Concen: 0.456 ng

RT: 16.739 min Scan# 1652

Delta R.T. -0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

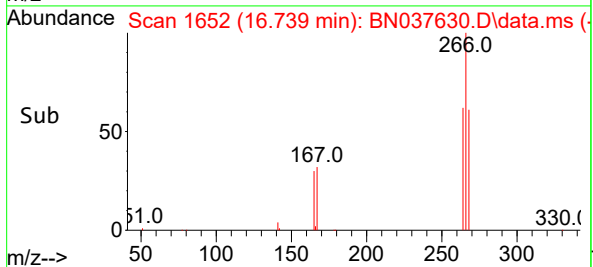
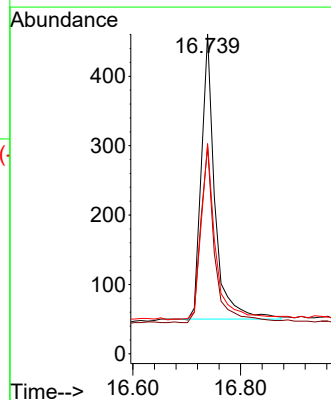
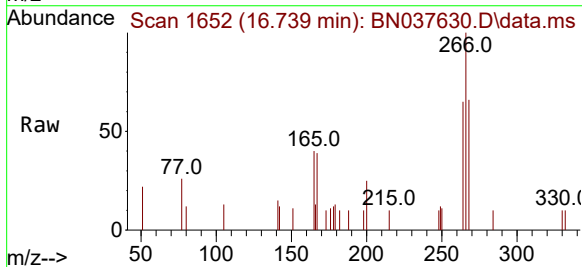
Tgt Ion:266 Resp: 719

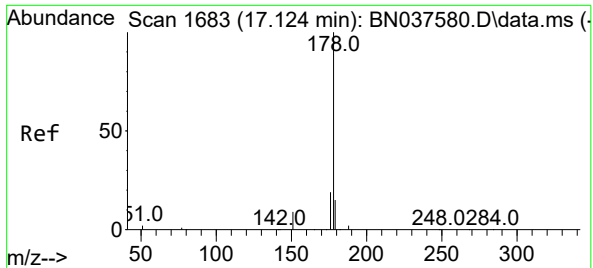
Ion Ratio Lower Upper

266 100

264 64.5 49.6 74.4

268 65.0 49.2 73.8

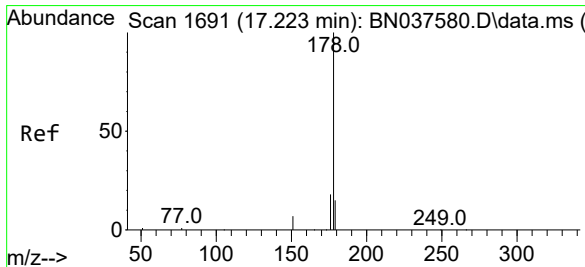
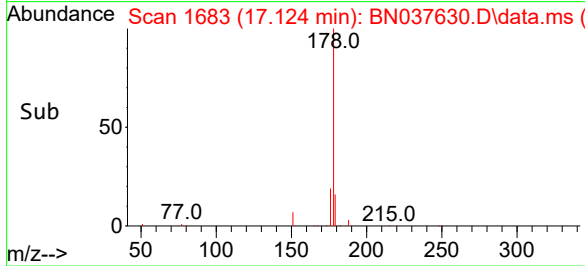
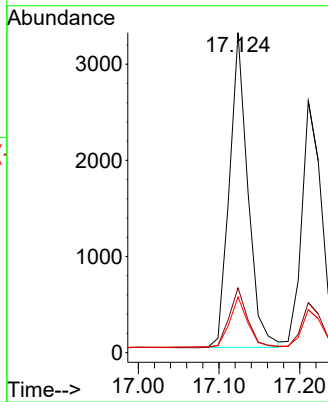
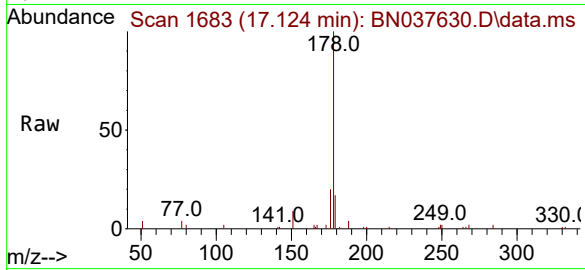




#25
Phenanthrene
Concen: 0.338 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

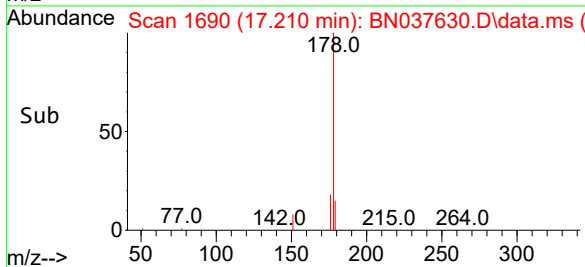
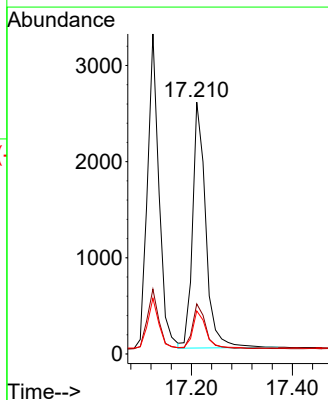
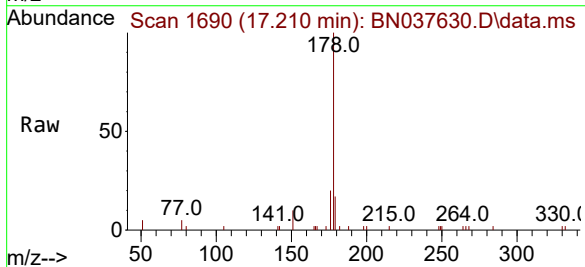
Instrument :
BNA_N
ClientSampleId :
PB169286BS

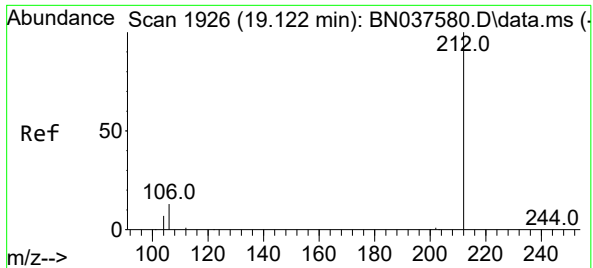
Tgt Ion:178 Resp: 5179
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.9 12.3 18.5



#26
Anthracene
Concen: 0.342 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:178 Resp: 4635
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.3 18.5

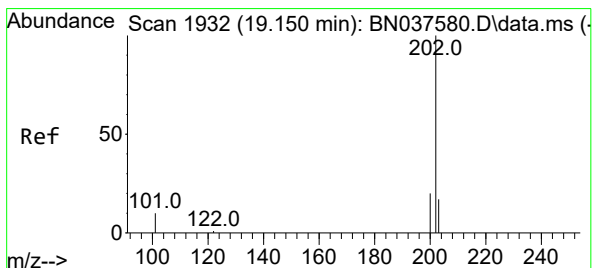
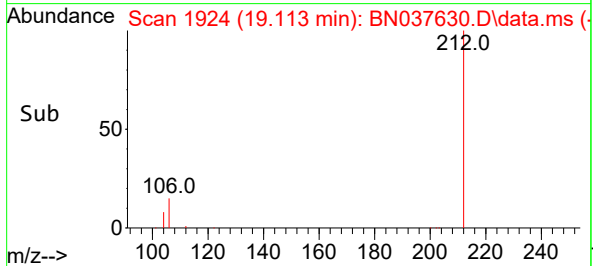
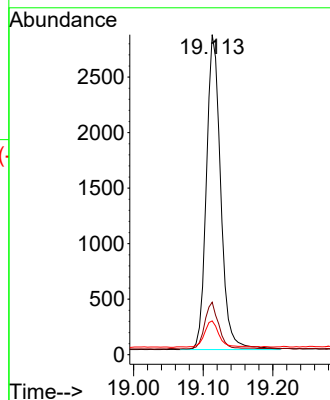
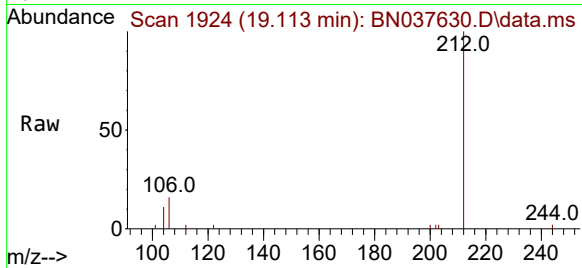




#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.113 min Scan# 1913
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

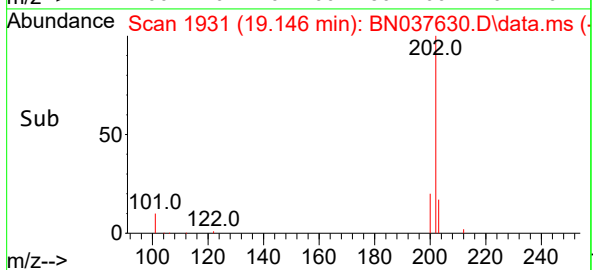
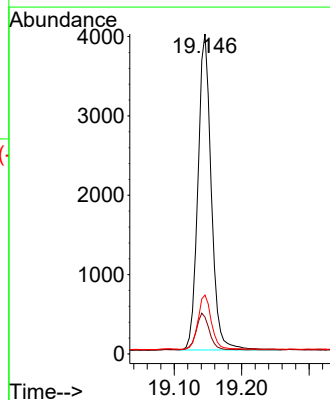
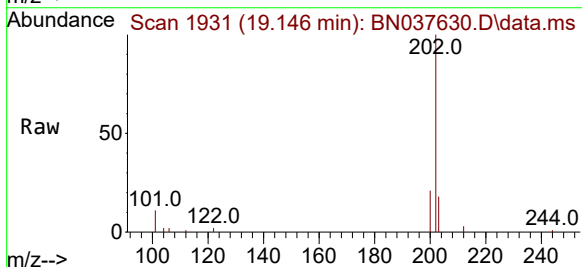
Instrument :
BNA_N
ClientSampleId :
PB169286BS

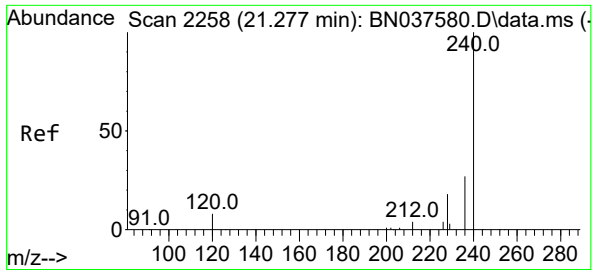
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.2	6.6	9.8



#28
Fluoranthene
Concen: 0.310 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.6
203	17.2	13.8	20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

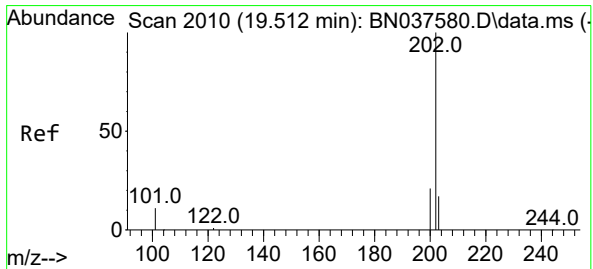
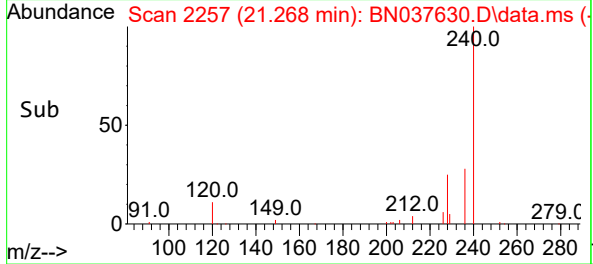
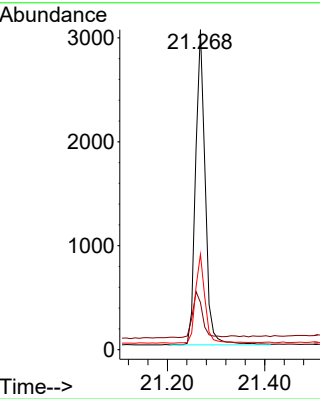
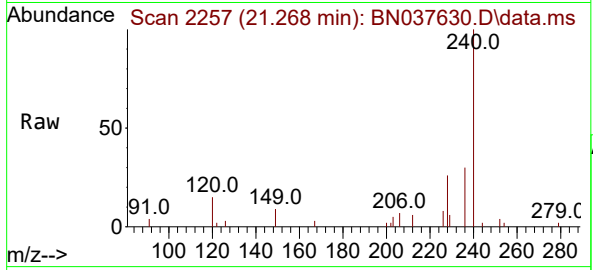
Tgt Ion:240 Resp: 4175

Ion Ratio Lower Upper

240 100

120 14.7 8.9 13.3#

236 29.8 22.6 33.8



#30

Pyrene

Concen: 0.342 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

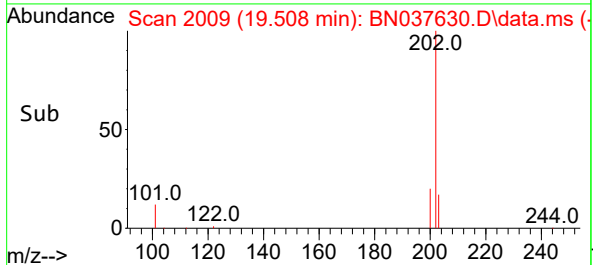
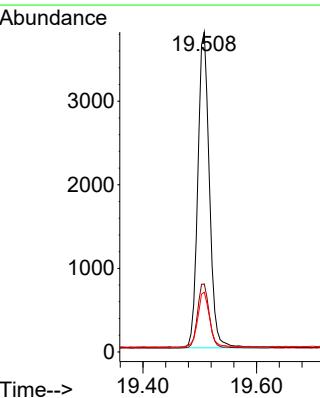
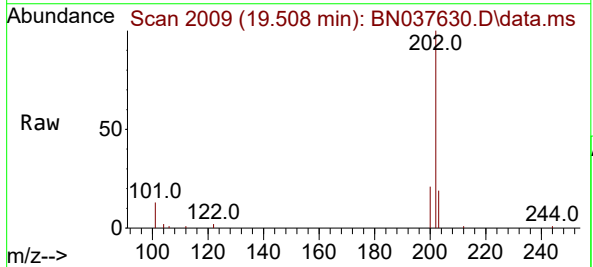
Tgt Ion:202 Resp: 5332

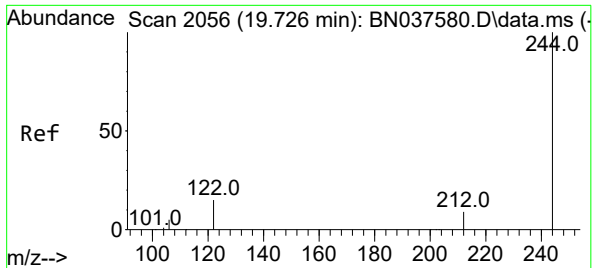
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.9 14.3 21.5

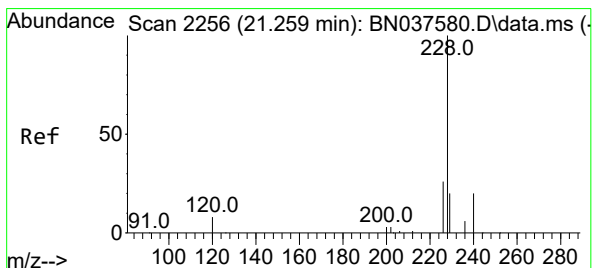
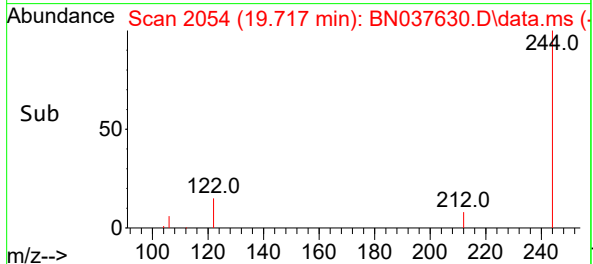
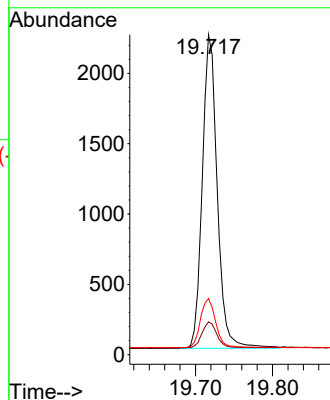
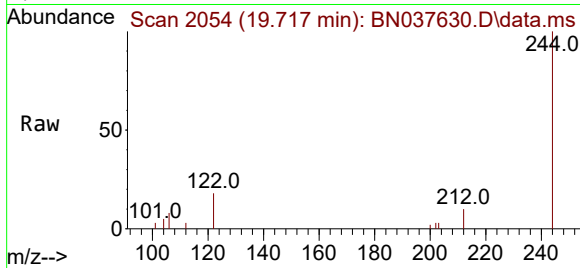




#31
Terphenyl-d14
Concen: 0.350 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

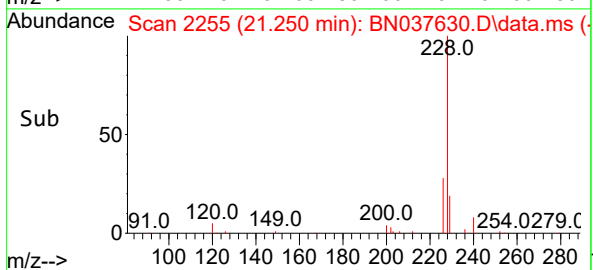
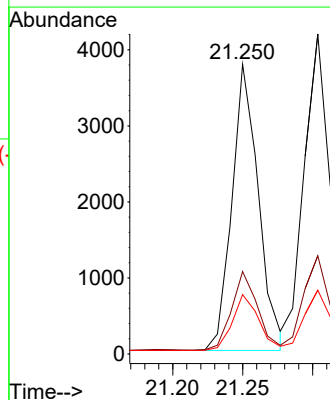
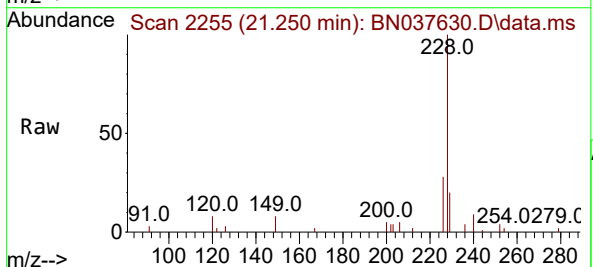
Instrument :
BNA_N
ClientSampleId :
PB169286BS

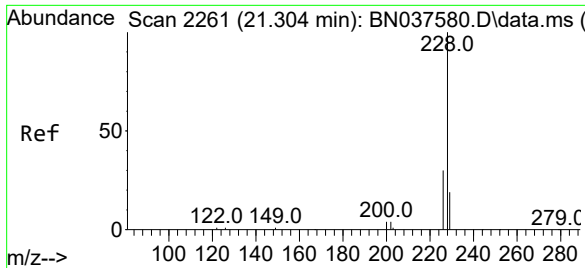
Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.2	12.2
122	17.5	13.2	19.8



#32
Benzo(a)anthracene
Concen: 0.355 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.5	32.3
229	20.5	16.5	24.7





#33

Chrysene

Concen: 0.360 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

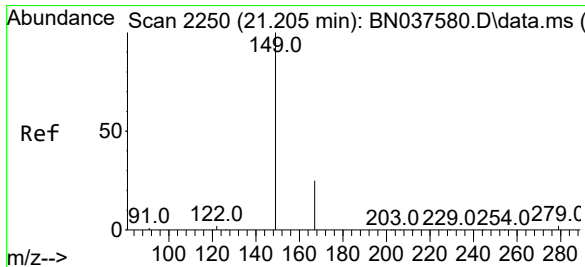
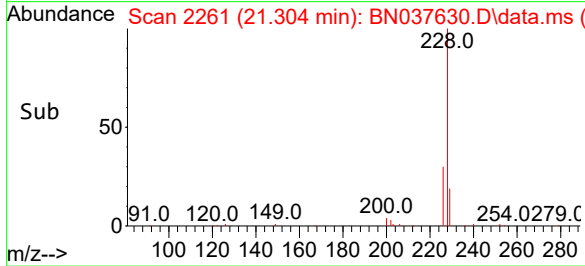
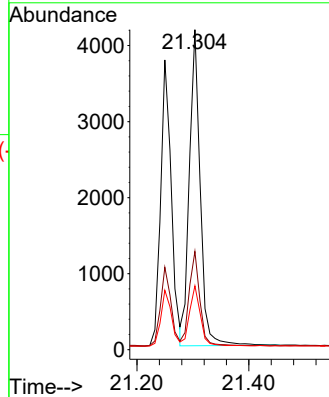
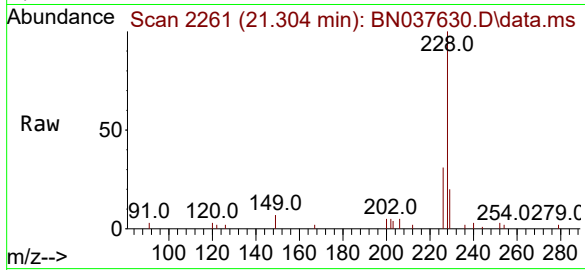
Tgt Ion:228 Resp: 5598

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

229 20.0 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.324 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

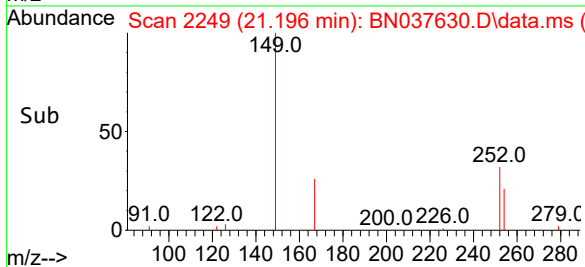
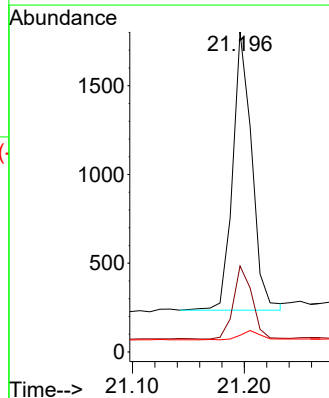
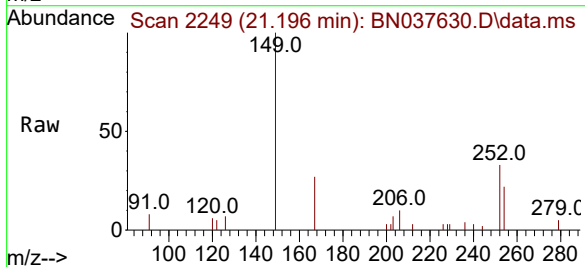
Tgt Ion:149 Resp: 1867

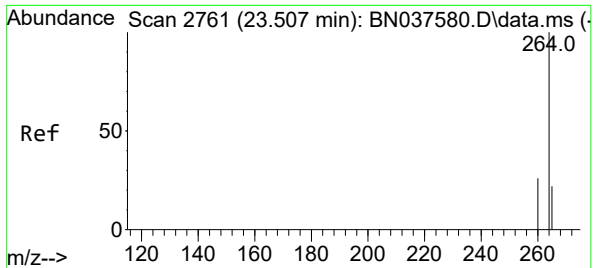
Ion Ratio Lower Upper

149 100

167 25.7 20.5 30.7

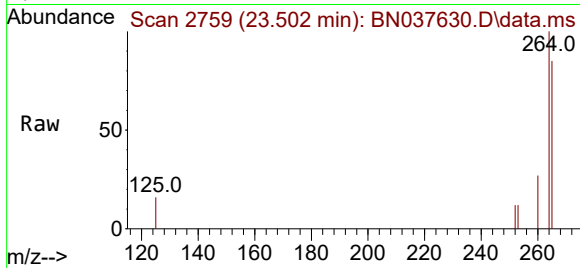
279 3.6 2.6 4.0



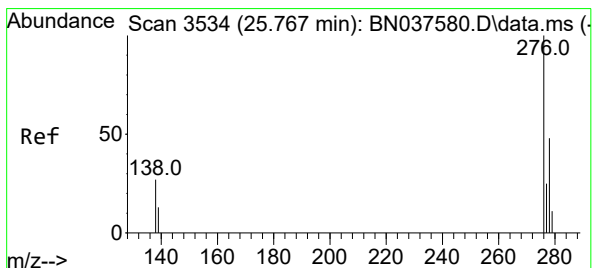
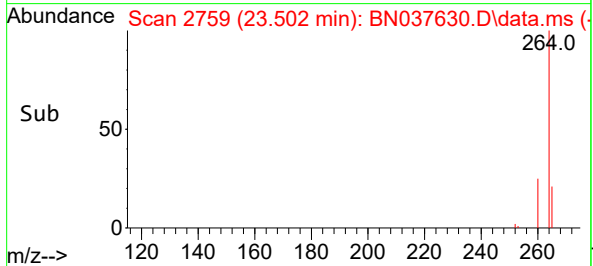
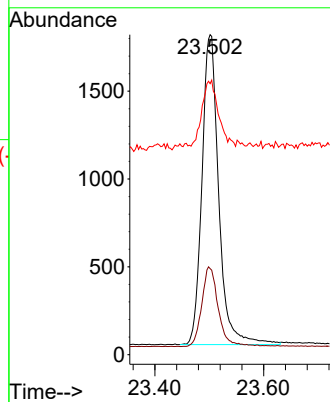


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_N
ClientSampleId :
PB169286BS

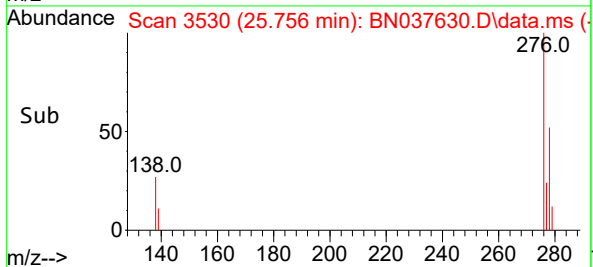
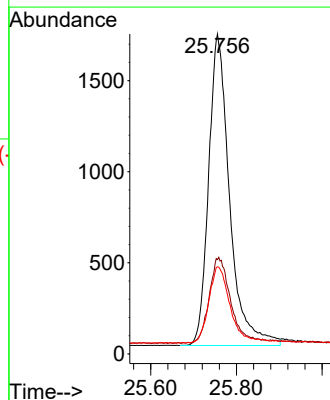
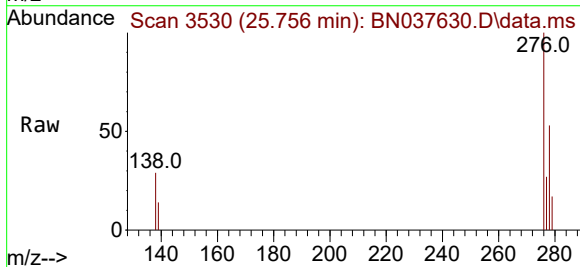


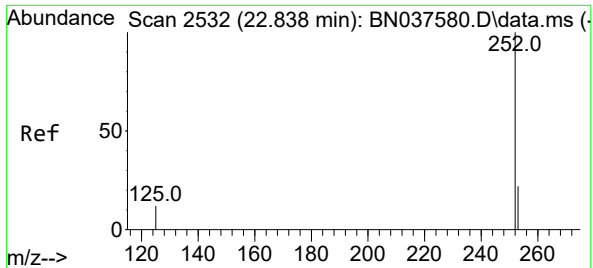
Tgt Ion:264 Resp: 3780
Ion Ratio Lower Upper
264 100
260 26.9 21.6 32.4
265 84.7 48.2 72.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 25.756 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

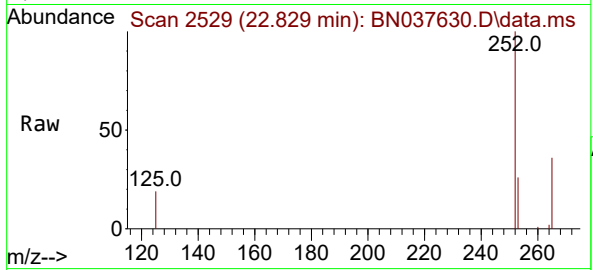
Tgt Ion:276 Resp: 5812
Ion Ratio Lower Upper
276 100
138 27.9 23.3 34.9
277 24.4 19.5 29.3



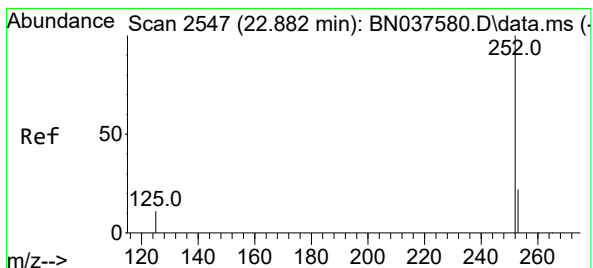
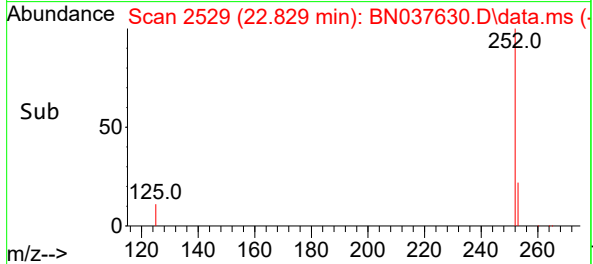
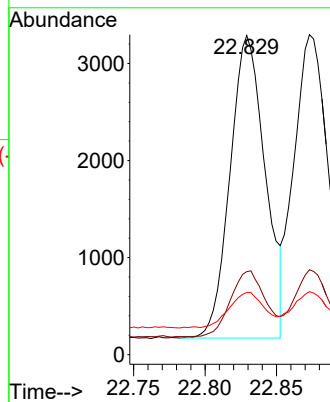


#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.829 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Instrument :
BNA_N
ClientSampleId :
PB169286BS

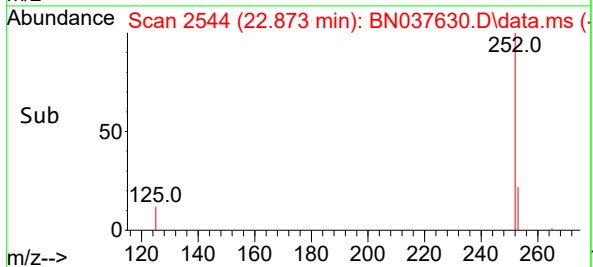
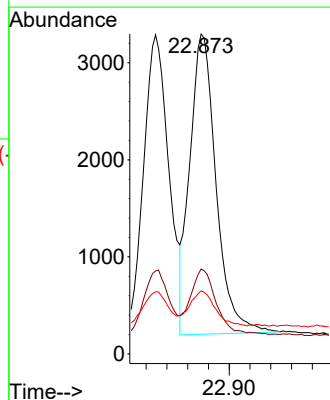
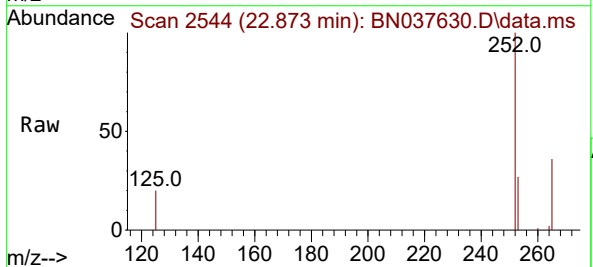


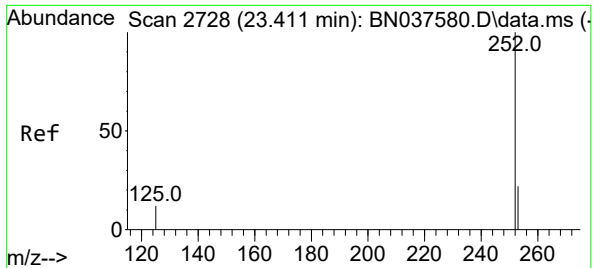
Tgt Ion:252 Resp: 5325
Ion Ratio Lower Upper
252 100
253 26.0 20.0 30.0
125 19.4 13.8 20.6



#38
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.873 min Scan# 2544
Delta R.T. -0.009 min
Lab File: BN037630.D
Acq: 20 Aug 2025 11:25

Tgt Ion:252 Resp: 5420
Ion Ratio Lower Upper
252 100
253 26.5 19.9 29.9
125 19.7 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.402 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS

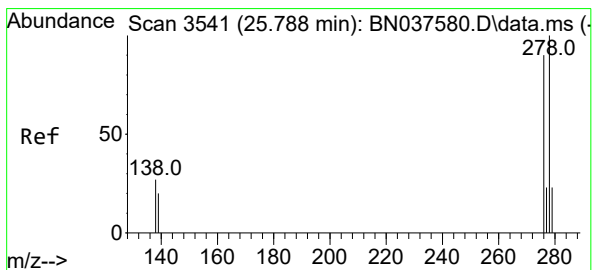
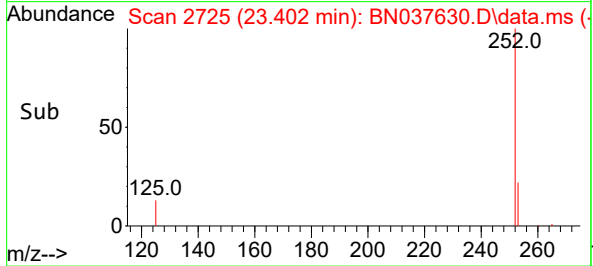
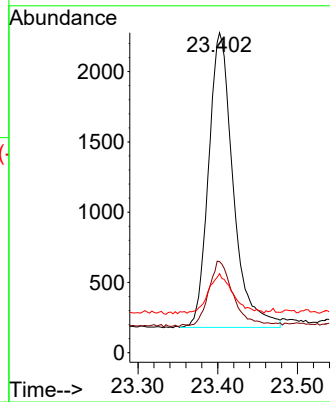
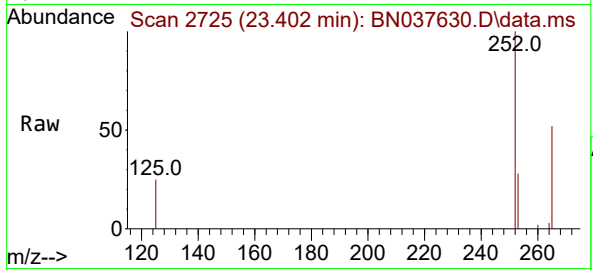
Tgt Ion:252 Resp: 4490

Ion Ratio Lower Upper

252 100

253 28.5 21.6 32.4

125 24.7 16.8 25.2



#40

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 25.776 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BN037630.D

Acq: 20 Aug 2025 11:25

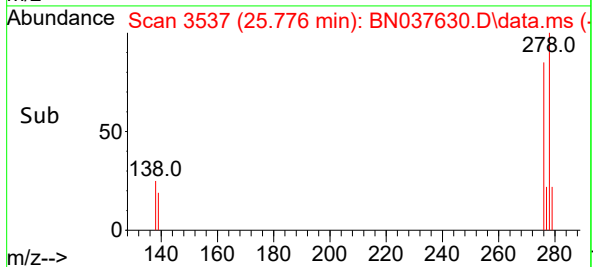
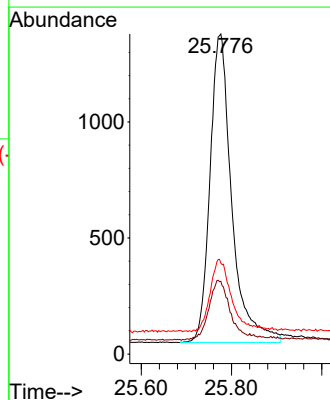
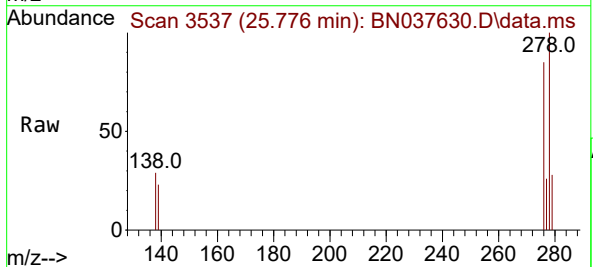
Tgt Ion:278 Resp: 4445

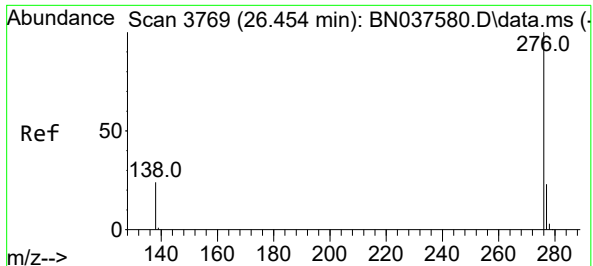
Ion Ratio Lower Upper

278 100

139 22.7 18.3 27.5

279 28.4 22.5 33.7





#41

Benzo(g,h,i)perylene

Concen: 0.395 ng

RT: 26.440 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN037630.D

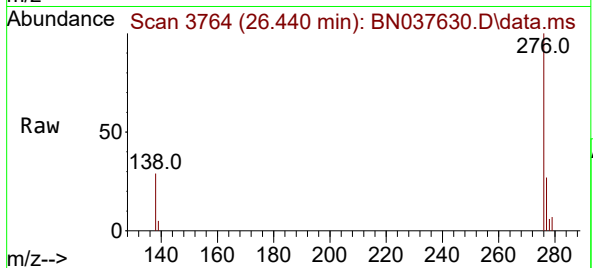
Acq: 20 Aug 2025 11:25

Instrument :

BNA_N

ClientSampleId :

PB169286BS



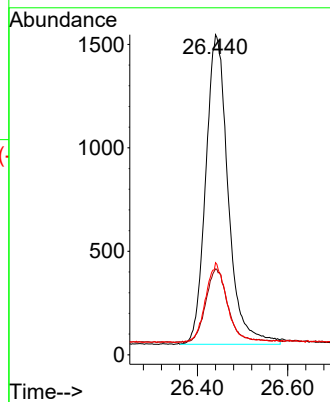
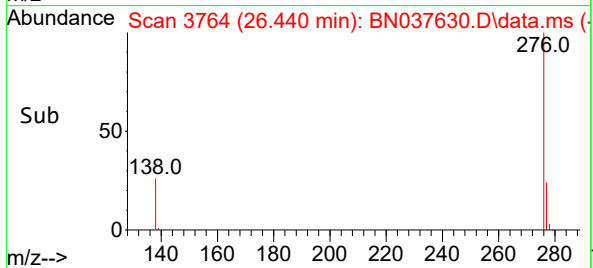
Tgt Ion:276 Resp: 5149

Ion Ratio Lower Upper

276 100

277 26.8 21.0 31.4

138 28.8 21.7 32.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037605.D
 Acq On : 19 Aug 2025 13:40
 Operator : RC/JU
 Sample : Q2842-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:25:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2023	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4765	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2380	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4922	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4507	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	3909	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	698	0.152	ng	0.00
5) Phenol-d6	6.879	99	508	0.092	ng	0.00
8) Nitrobenzene-d5	8.854	82	1111	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2001m	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	392	0.376	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4453	0.324	ng	0.00
27) Fluoranthene-d10	19.118	212	4870	0.376	ng	0.00
31) Terphenyl-d14	19.722	244	4344	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5476	2.829	ng	# 90
3) n-Nitrosodimethylamine	3.536	42	418	0.169	ng	# 90
6) bis(2-Chloroethyl)ether	7.139	93	1634	0.329	ng	98
9) Naphthalene	10.541	128	4254	0.335	ng	98
10) Hexachlorobutadiene	10.840	225	924	0.298	ng	# 99
12) 2-Methylnaphthalene	12.162	142	2421	0.304	ng	99
16) Acenaphthylene	14.067	152	3870	0.363	ng	100
17) Acenaphthene	14.409	154	2473	0.341	ng	96
18) Fluorene	15.393	166	3340	0.352	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	226	0.434	ng	88
21) 4-Bromophenyl-phenylether	16.280	248	1089	0.352	ng	# 75
22) Hexachlorobenzene	16.404	284	1490	0.340	ng	99
23) Atrazine	16.553	200	797	0.456	ng	95
24) Pentachlorophenol	16.739	266	1320	0.857	ng	99
25) Phenanthrene	17.124	178	6725	0.449	ng	100
26) Anthracene	17.211	178	5205	0.393	ng	100
28) Fluoranthene	19.146	202	7212	0.420	ng	100
30) Pyrene	19.508	202	6994	0.415	ng	100
32) Benzo(a)anthracene	21.259	228	6028	0.400	ng	99
33) Chrysene	21.304	228	6700	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3417	0.550	ng	99
36) Indeno(1,2,3-cd)pyrene	25.759	276	6122	0.372	ng	99
37) Benzo(b)fluoranthene	22.832	252	6094	0.411	ng	99
38) Benzo(k)fluoranthene	22.876	252	6247	0.374	ng	98
39) Benzo(a)pyrene	23.405	252	5054	0.411	ng	99
40) Dibenzo(a,h)anthracene	25.779	278	4709	0.368	ng	99
41) Benzo(g,h,i)perylene	26.449	276	5269	0.391	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

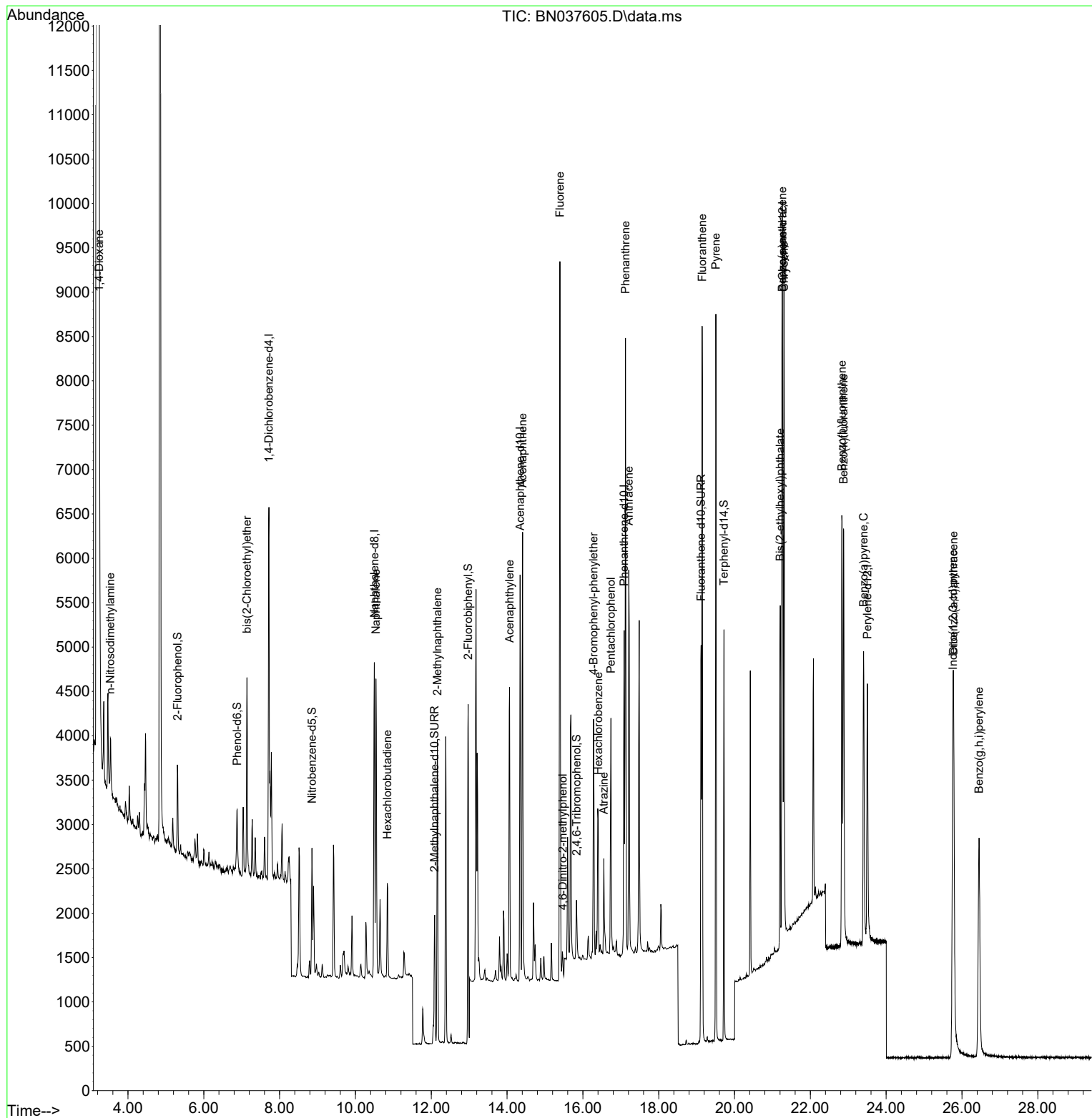
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 Data File : BN037605.D
 Acq On : 19 Aug 2025 13:40
 Operator : RC/JU
 Sample : Q2842-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

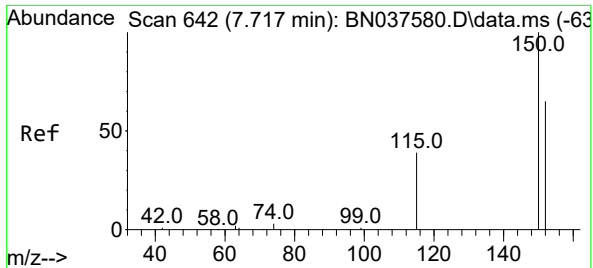
Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

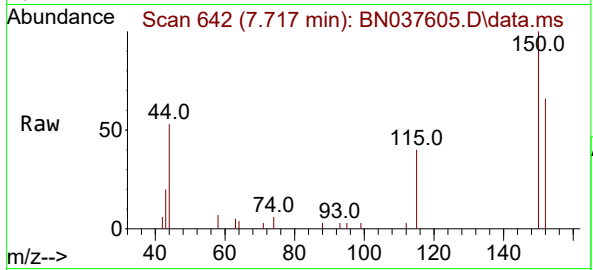
Quant Time: Aug 20 01:25:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

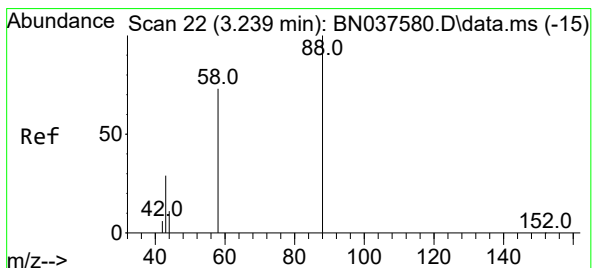
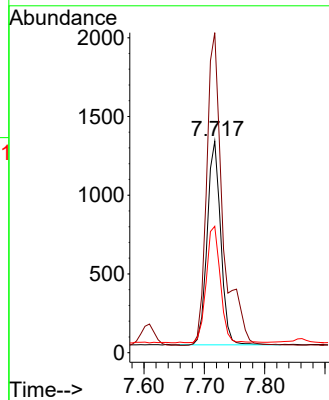
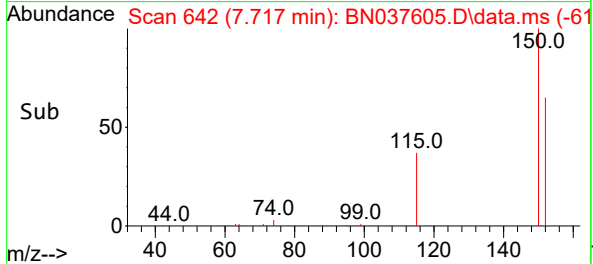
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 152 Resp: 2023
Ion Ratio Lower Upper
152 100
150 151.3 122.2 183.4
115 59.8 49.8 74.6

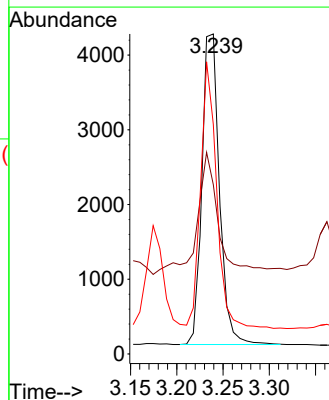
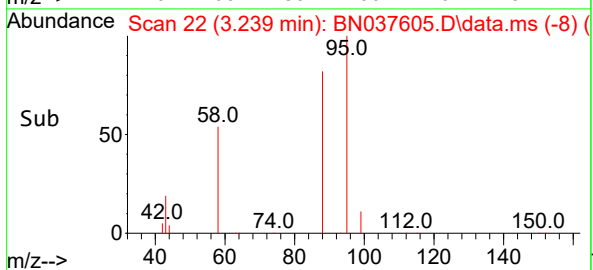
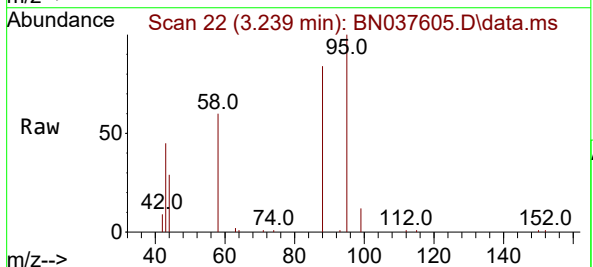
Manual Integrations
APPROVED

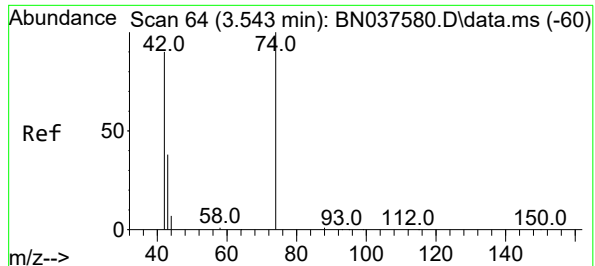
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 2.829 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

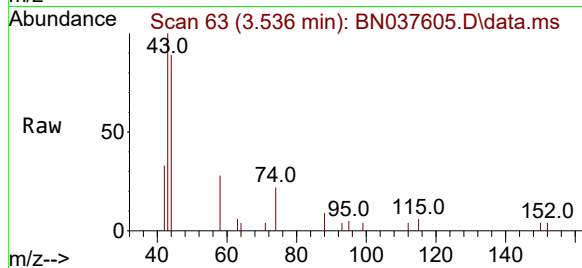
Tgt Ion: 88 Resp: 5476
Ion Ratio Lower Upper
88 100
43 48.7 25.8 38.6#
58 78.4 61.2 91.8





#3
n-Nitrosodimethylamine
Concen: 0.169 ng
RT: 3.536 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

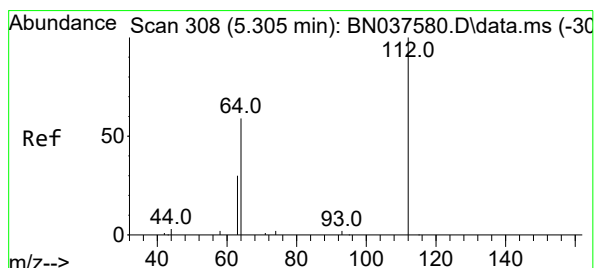
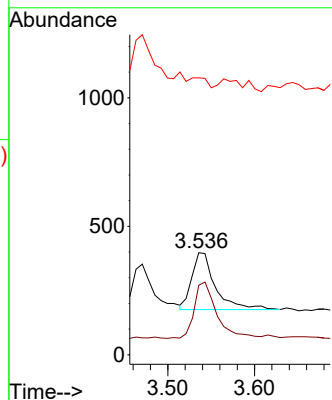
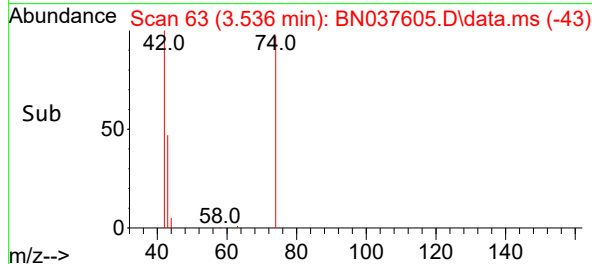
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 42 Resp: 418
Ion Ratio Lower Upper
42 100
74 94.0 82.0 123.0
44 0.0 7.9 11.9

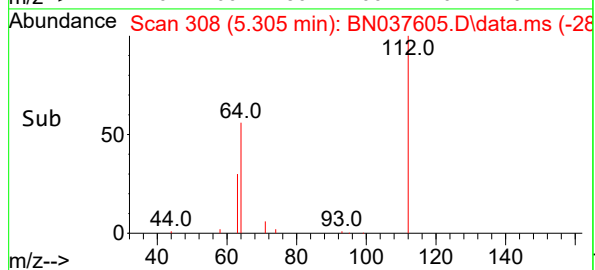
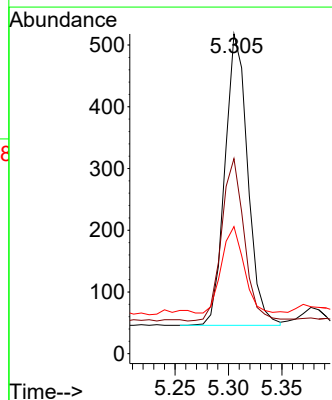
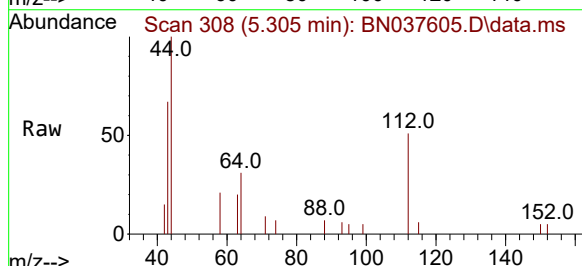
Manual Integrations
APPROVED

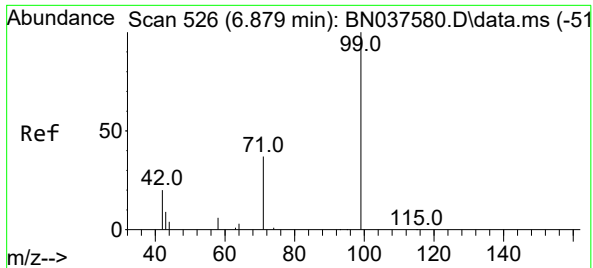
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:112 Resp: 698
Ion Ratio Lower Upper
112 100
64 55.6 44.9 67.3
63 29.5 23.4 35.2





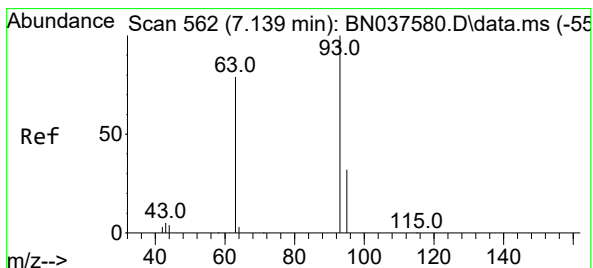
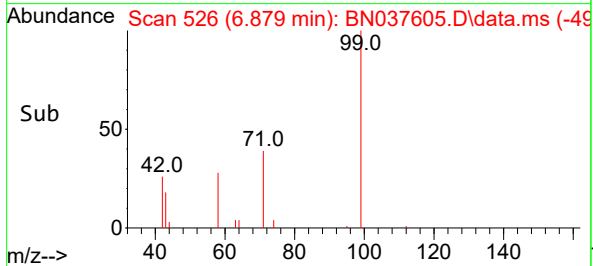
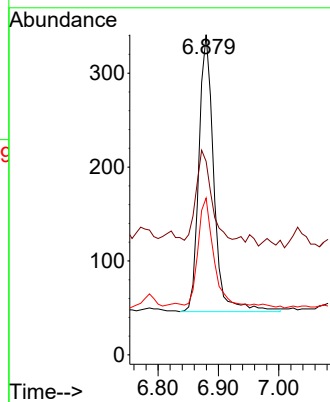
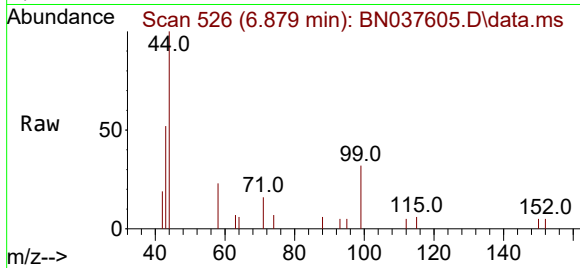
#5
Phenol-d6
Concen: 0.092 ng
RT: 6.879 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS

Tgt Ion: 99 Resp: 508
Ion Ratio Lower Upper
99 100
42 32.3 18.5 27.7
71 39.4 28.6 42.8

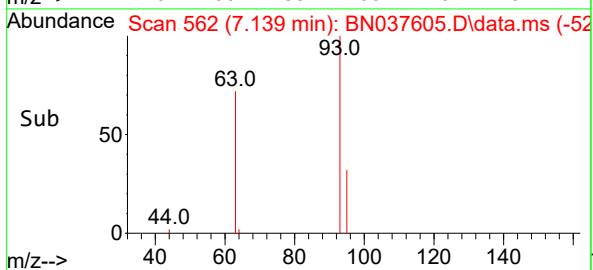
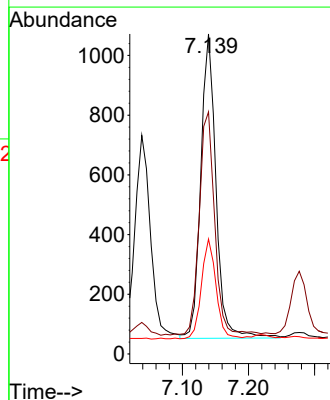
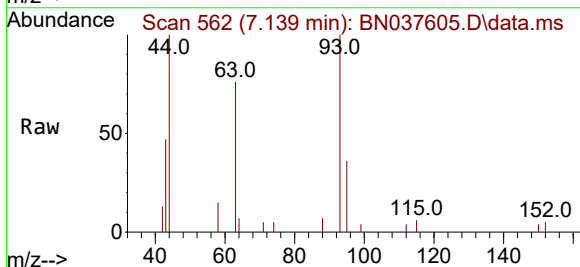
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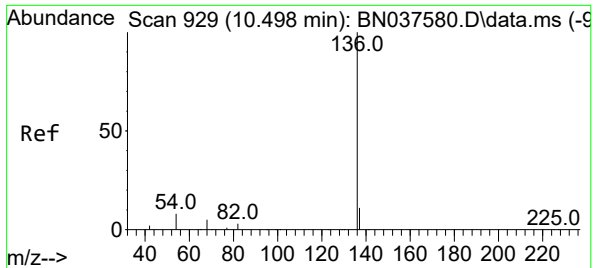
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

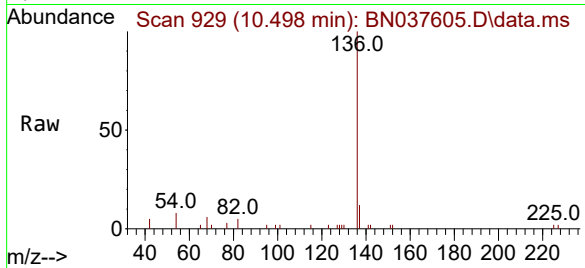
Tgt Ion: 93 Resp: 1634
Ion Ratio Lower Upper
93 100
63 74.9 58.0 87.0
95 31.4 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

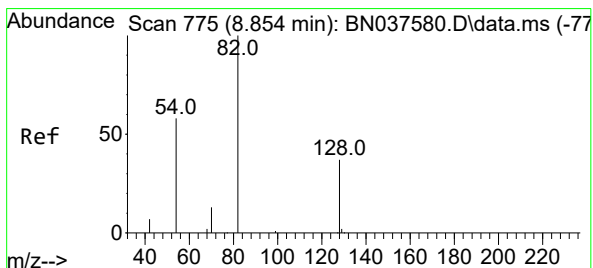
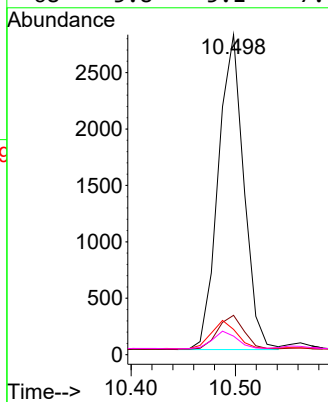
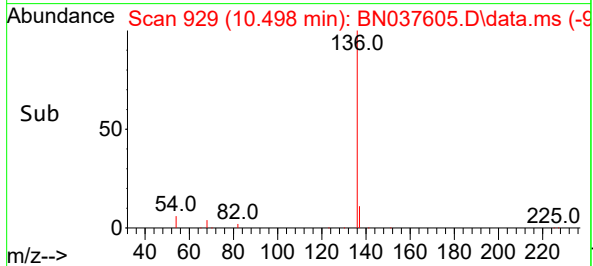
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion: 136 Resp: 476
Ion Ratio Lower Upper
136 100
137 12.3 9.5 14.3
54 7.9 7.3 10.9
68 5.8 5.1 7.7

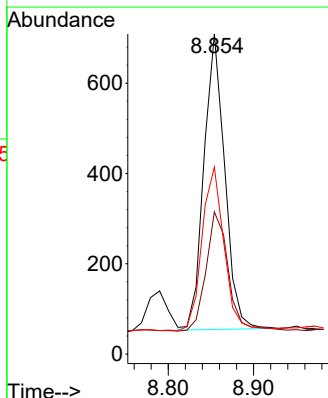
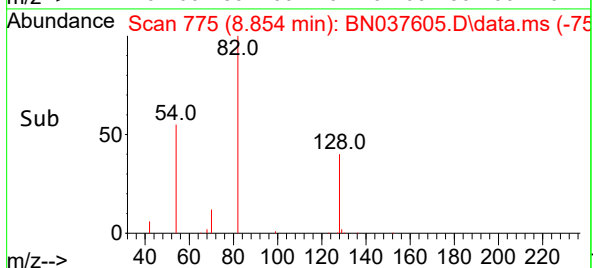
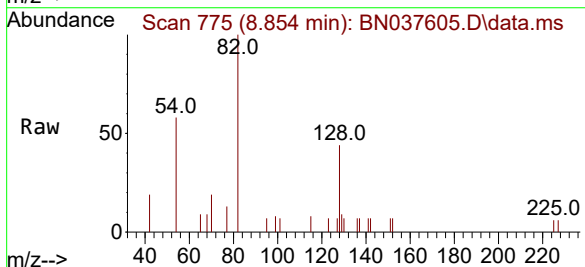
Manual Integrations
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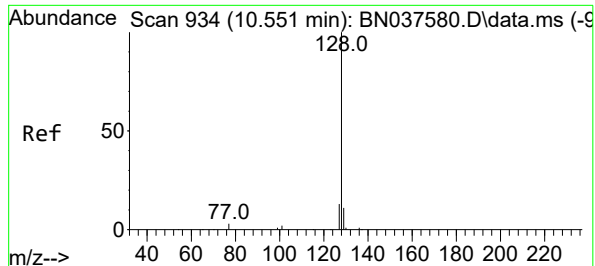
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion: 82 Resp: 1111
Ion Ratio Lower Upper
82 100
128 44.4 32.6 48.8
54 58.4 48.9 73.3





#9

Naphthalene

Concen: 0.335 ng

RT: 10.541 min Scan# 91

Delta R.T. -0.010 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

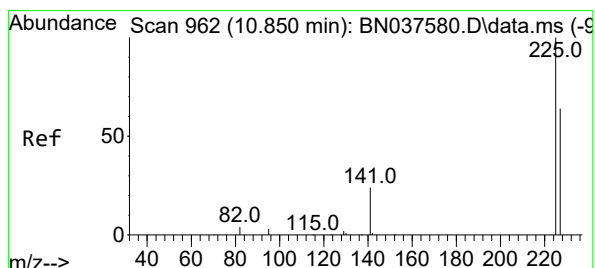
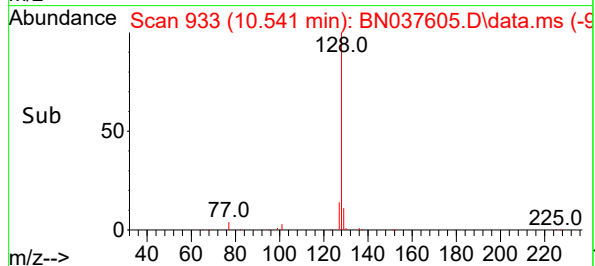
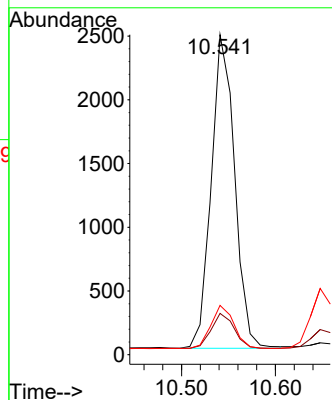
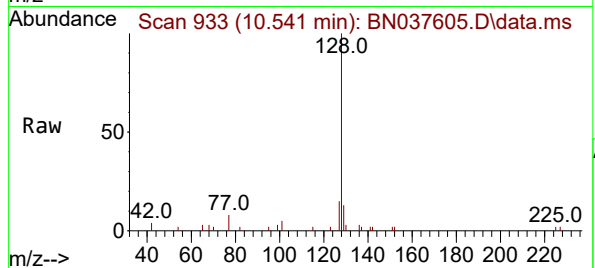
MW-17B-55.5-08122025MS

Tgt Ion:	128	Resp:	4254
Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.8	14.6
127	15.4	11.5	17.3

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#10

Hexachlorobutadiene

Concen: 0.298 ng

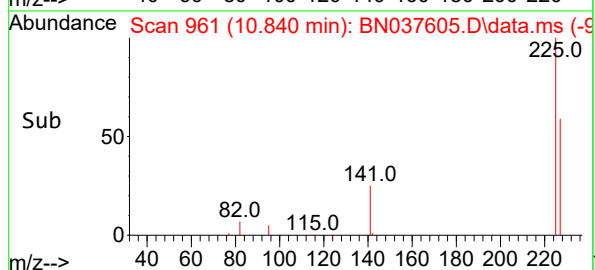
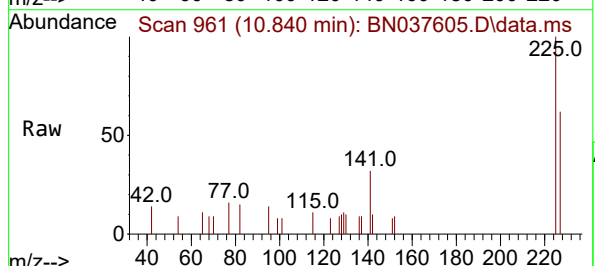
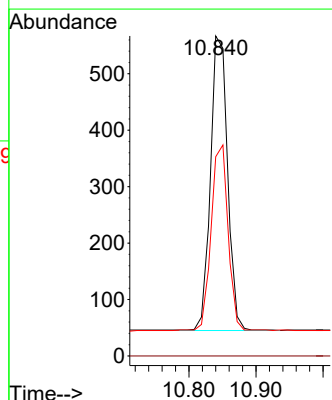
RT: 10.840 min Scan# 961

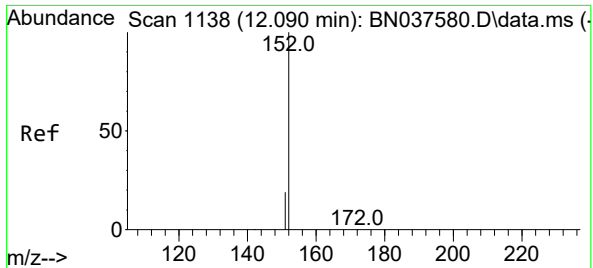
Delta R.T. -0.010 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

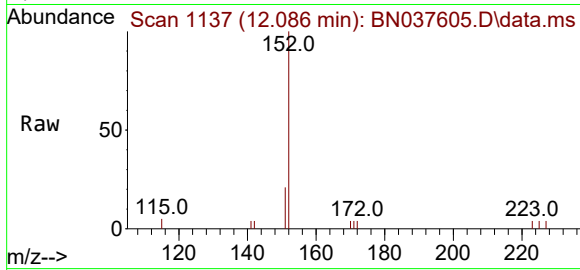
Tgt Ion:	225	Resp:	924
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	50.8	76.2





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng m
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

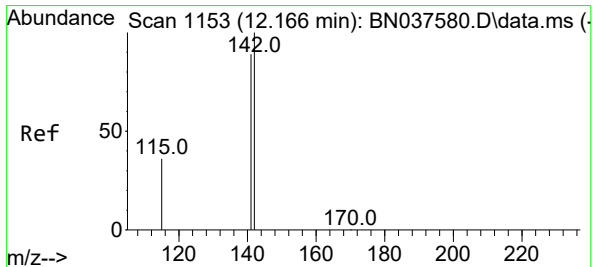
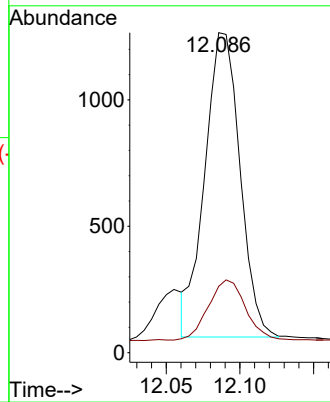
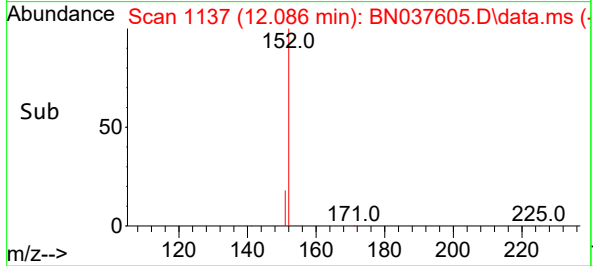
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:152 Resp: 200
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9

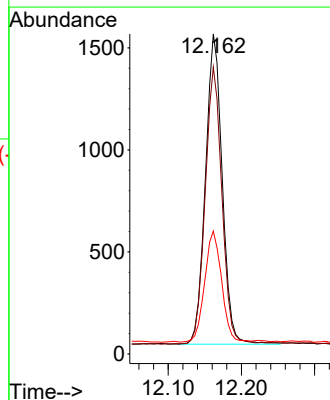
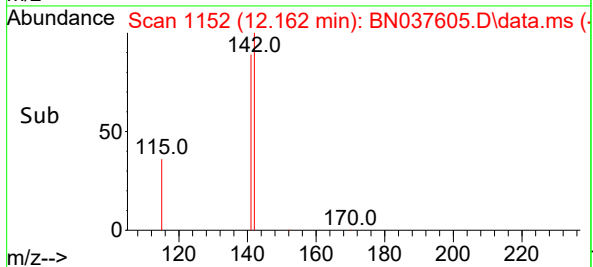
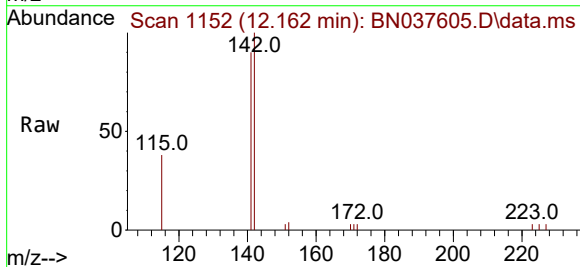
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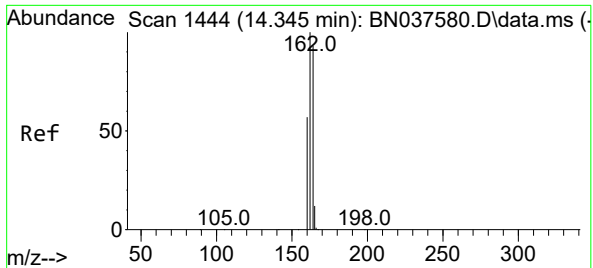
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#12
2-Methylnaphthalene
Concen: 0.304 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

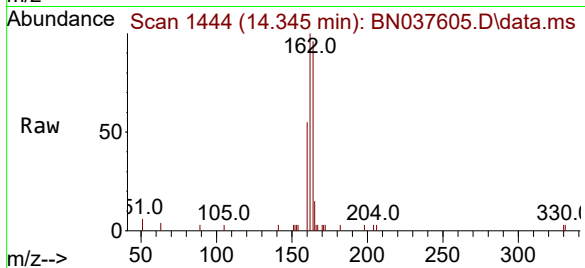
Tgt Ion:142 Resp: 2421
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0
115 38.4 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

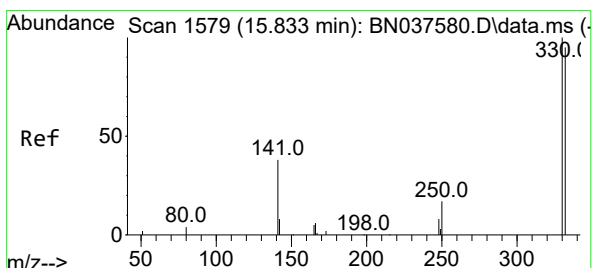
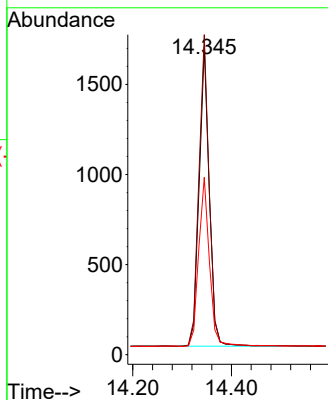
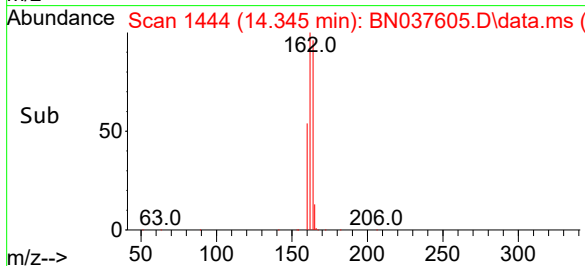
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



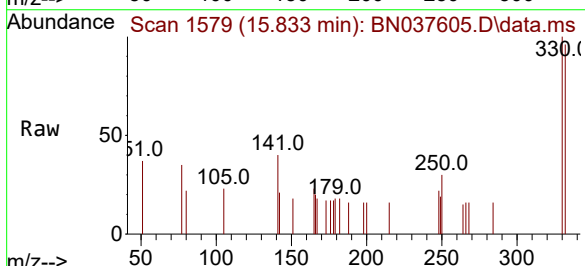
Tgt Ion:164 Resp: 2380
Ion Ratio Lower Upper
164 100
162 103.9 85.5 128.3
160 57.6 49.5 74.3

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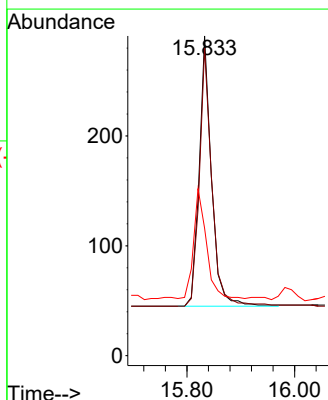
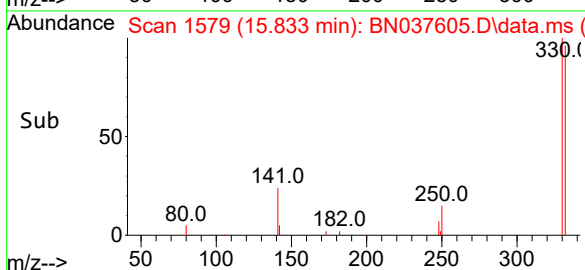
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

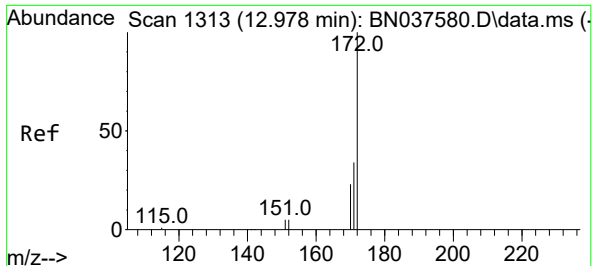


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40



Tgt Ion:330 Resp: 392
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 43.4 30.9 46.3





#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 12.973 min Scan# 1312

Delta R.T. -0.005 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

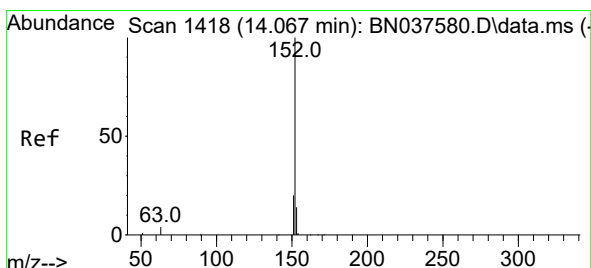
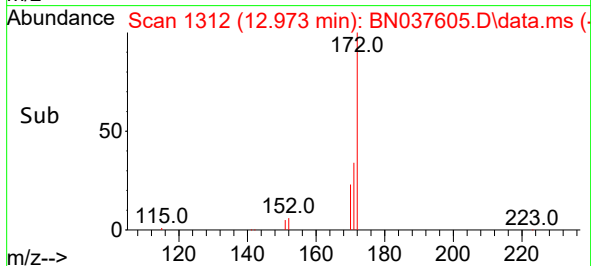
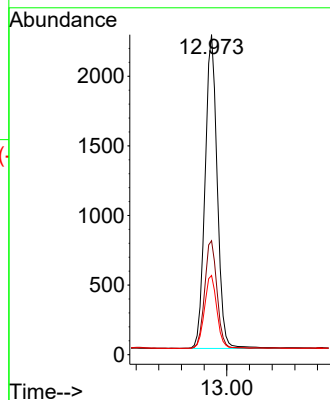
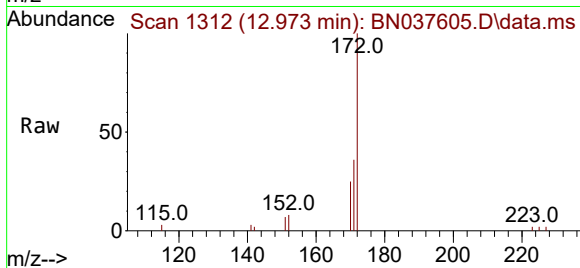
MW-17B-55.5-08122025MS

Tgt Ion:	172	Resp:	445
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.4
170	24.7	19.2	28.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#16

Acenaphthylene

Concen: 0.363 ng

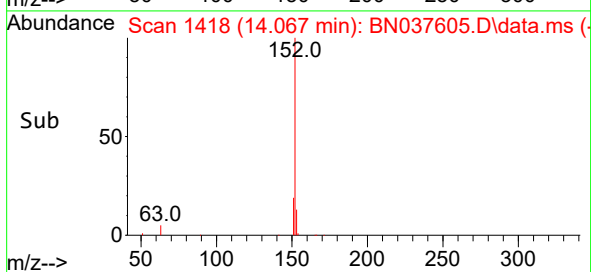
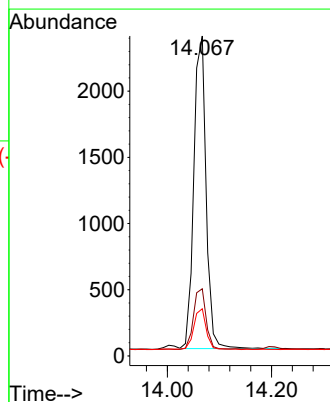
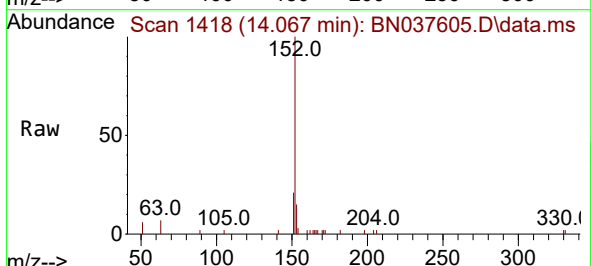
RT: 14.067 min Scan# 1418

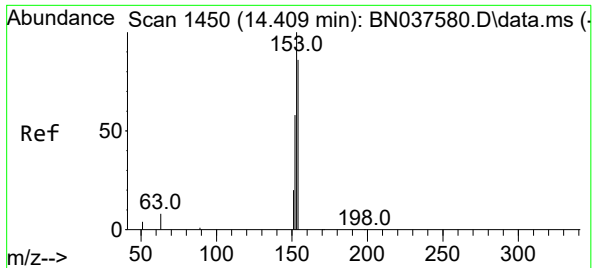
Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

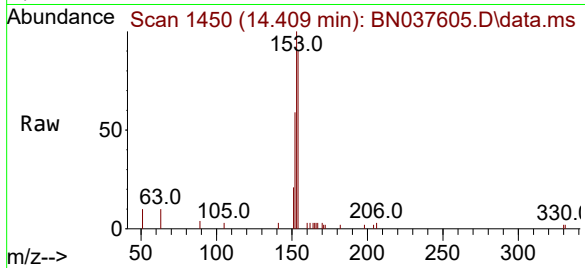
Tgt Ion:	152	Resp:	3870
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	13.5	10.7	16.1





#17
Acenaphthene
Concen: 0.341 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

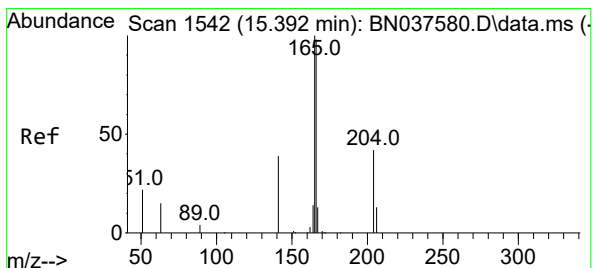
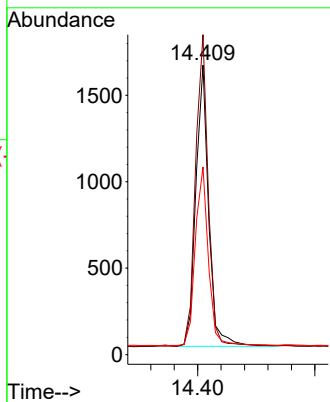
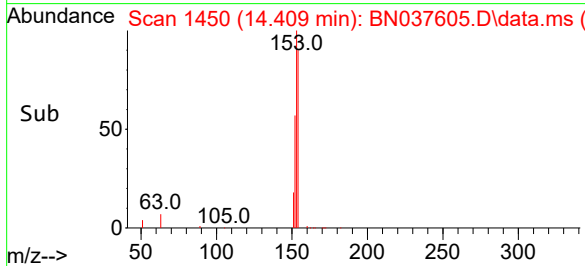
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:154 Resp: 247
Ion Ratio Lower Upper
154 100
153 109.5 90.6 135.8
152 65.1 54.9 82.3

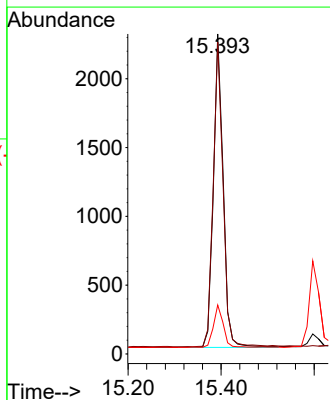
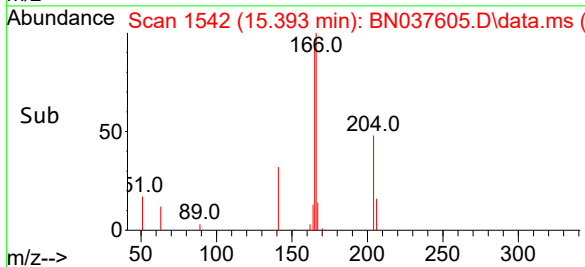
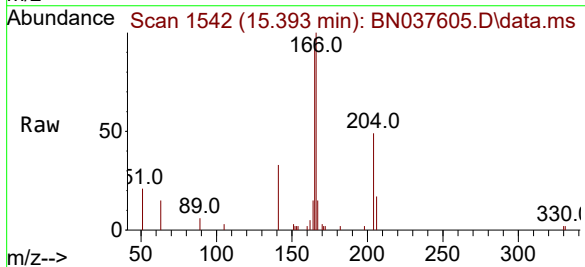
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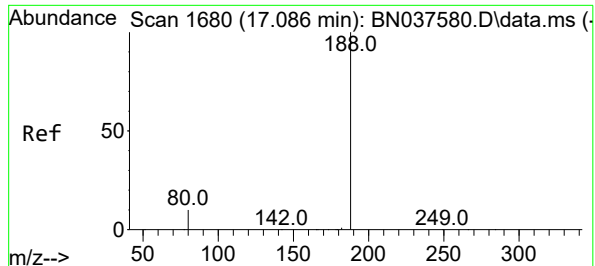
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Fluorene
Concen: 0.352 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:166 Resp: 3340
Ion Ratio Lower Upper
166 100
165 97.2 78.9 118.3
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS

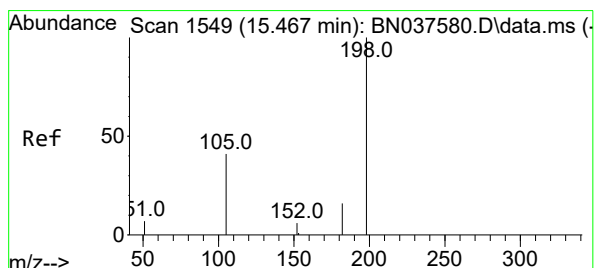
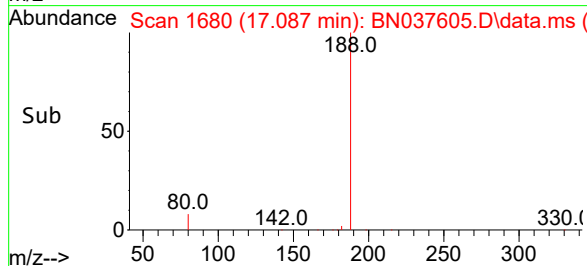
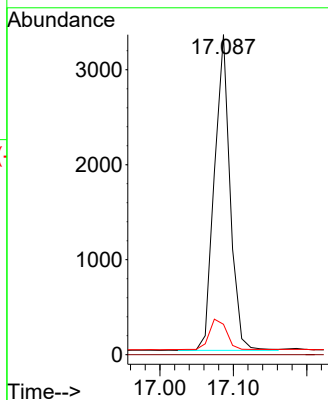
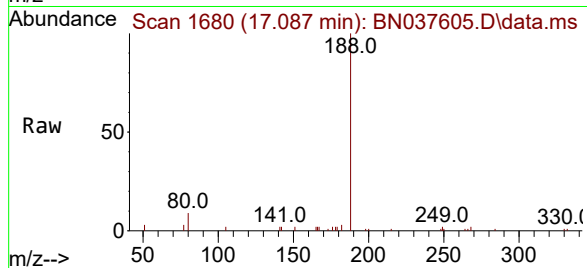
Tgt Ion:188	Resp:	492
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.5	13.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#20

4,6-Dinitro-2-methylphenol

Concen: 0.434 ng

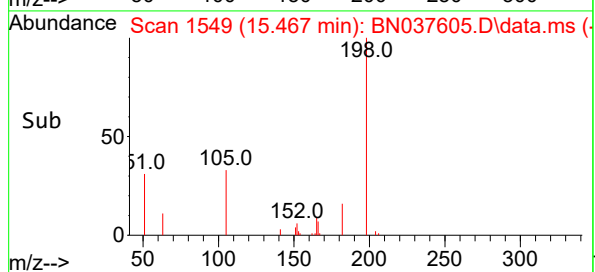
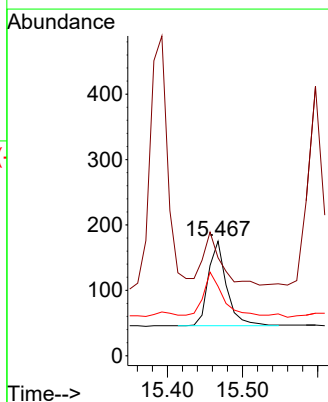
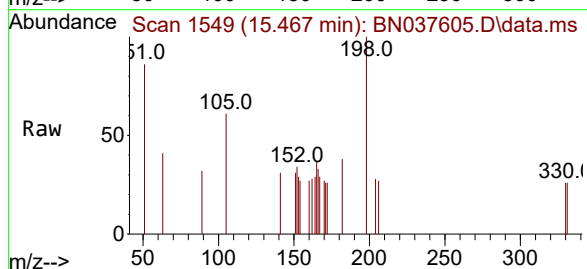
RT: 15.467 min Scan# 1549

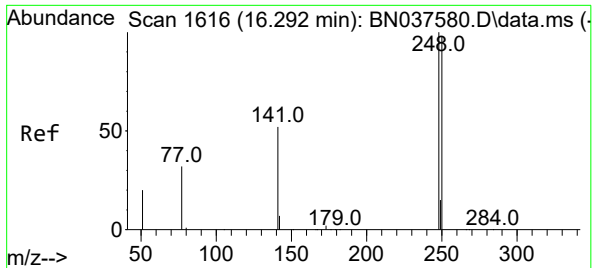
Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

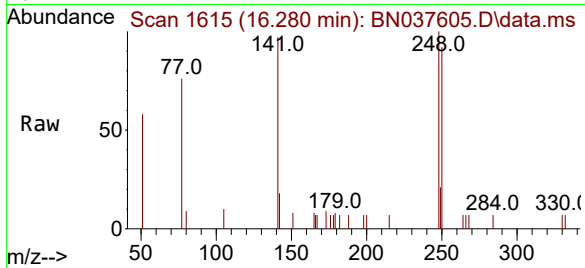
Tgt Ion:198	Resp:	226
Ion Ratio	Lower	Upper
198	100	
51	85.7	121.6
105	60.6	78.7





#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.280 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

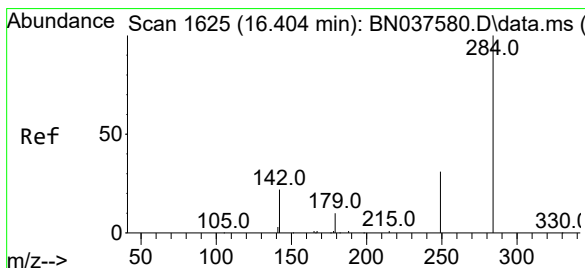
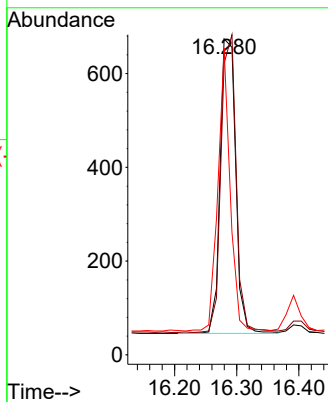
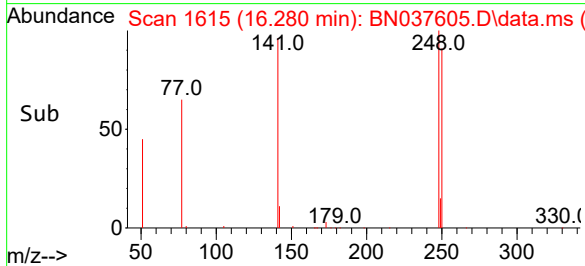
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:248 Resp: 1089
Ion Ratio Lower Upper
248 100
250 92.3 78.6 118.0
141 97.0 43.7 65.5

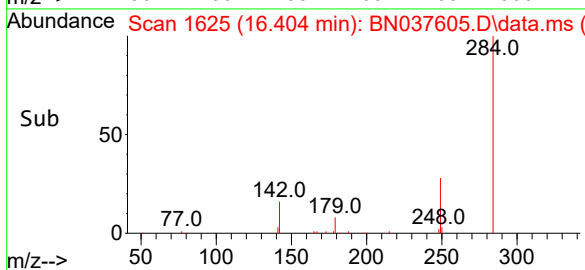
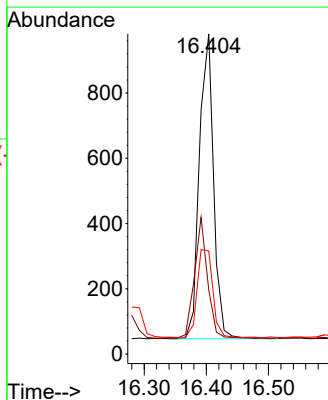
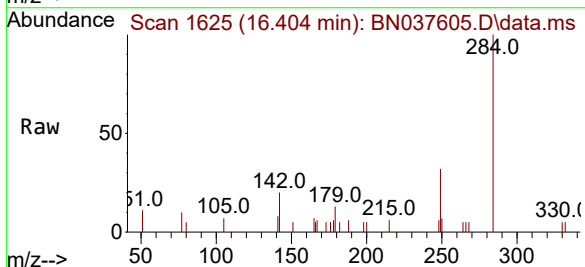
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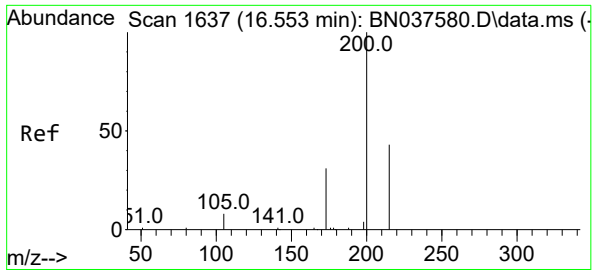
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

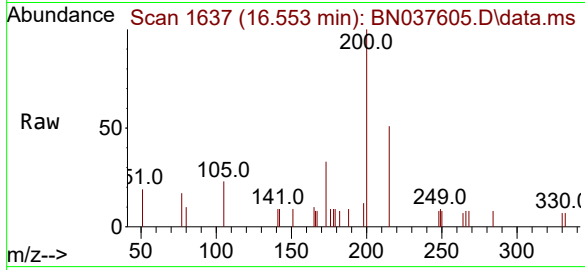
Tgt Ion:284 Resp: 1490
Ion Ratio Lower Upper
284 100
142 37.3 29.8 44.6
249 32.0 26.0 39.0





#23
Atrazine
Concen: 0.456 ng
RT: 16.553 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

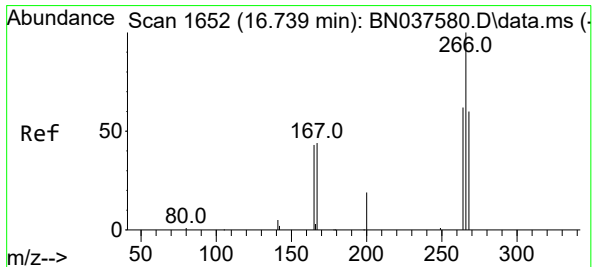
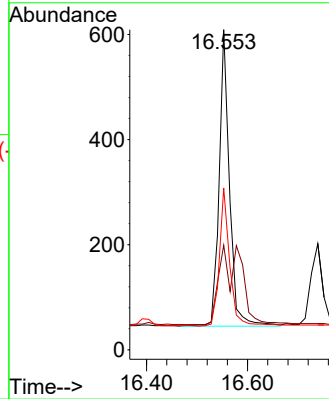
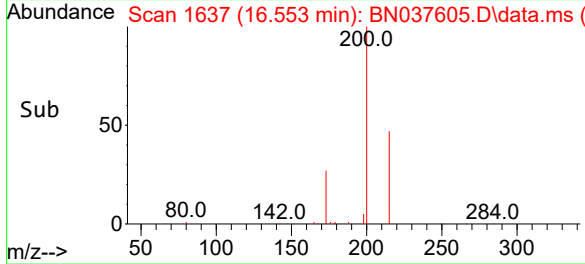
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:200 Resp: 79
Ion Ratio Lower Upper
200 100
173 32.7 31.0 46.4
215 50.6 39.4 59.0

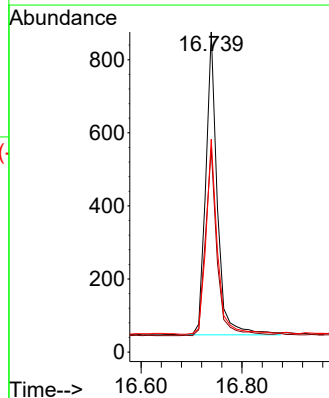
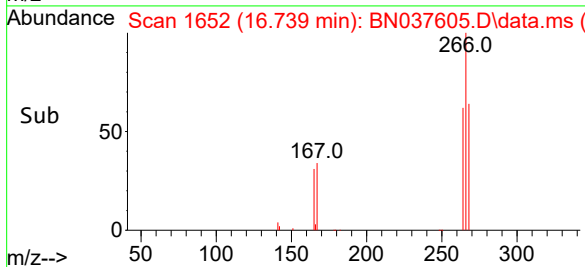
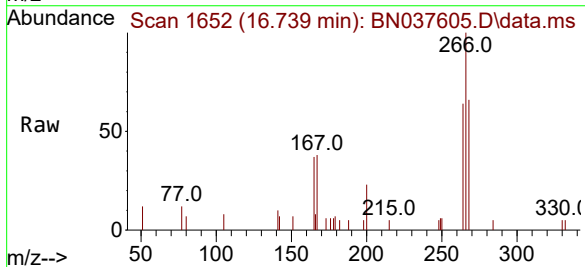
Manual Integrations
APPROVED

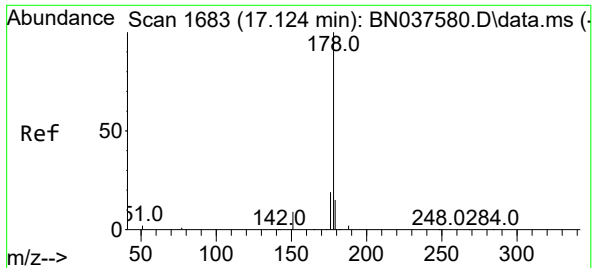
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#24
Pentachlorophenol
Concen: 0.857 ng
RT: 16.739 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

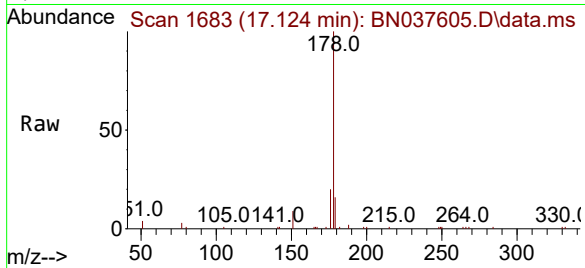
Tgt Ion:266 Resp: 1320
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 63.6 49.2 73.8





#25
Phenanthrene
Concen: 0.449 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

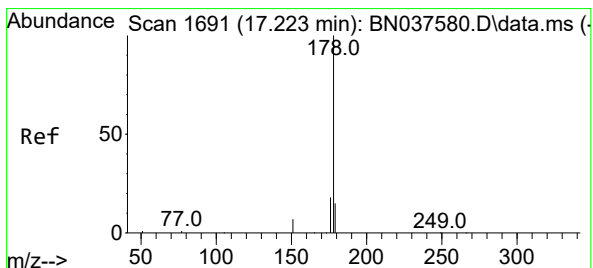
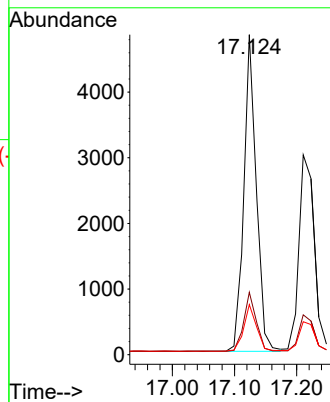
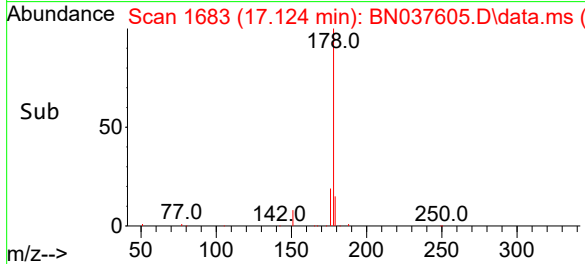
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



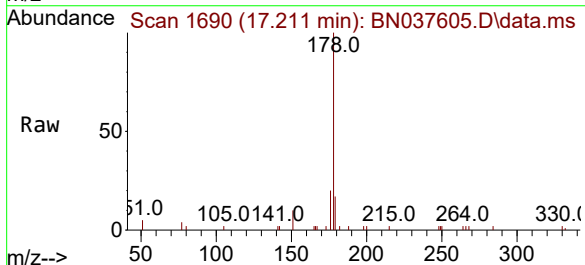
Tgt Ion:178 Resp: 6725
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.1 12.3 18.5

Manual Integrations
APPROVED

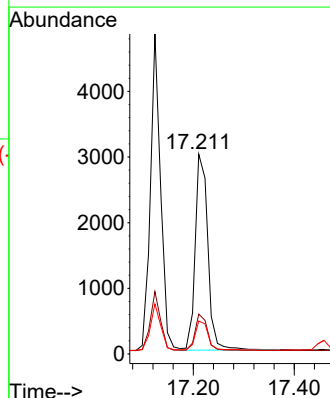
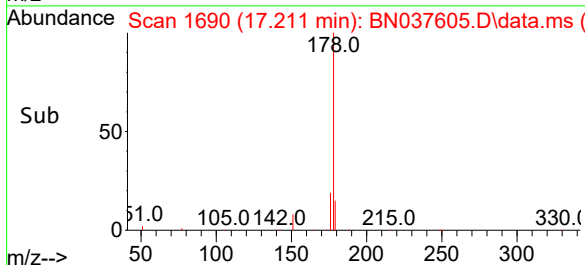
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

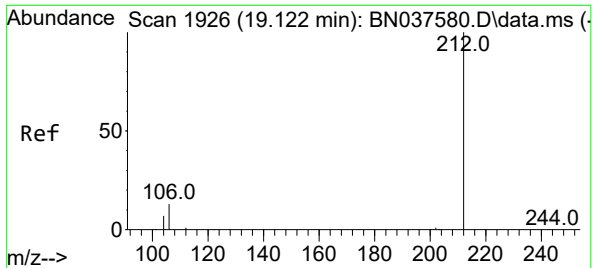


#26
Anthracene
Concen: 0.393 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40



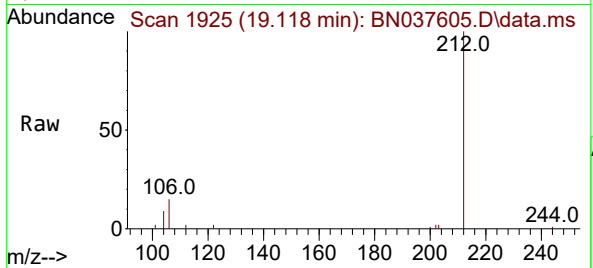
Tgt Ion:178 Resp: 5205
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

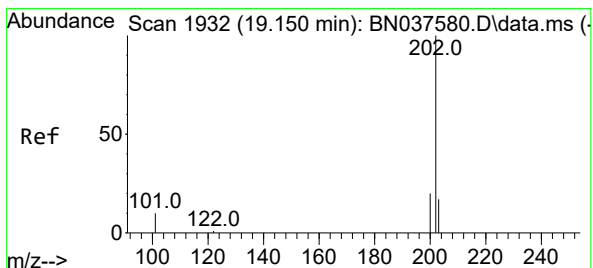
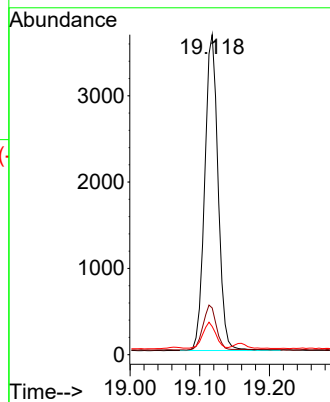
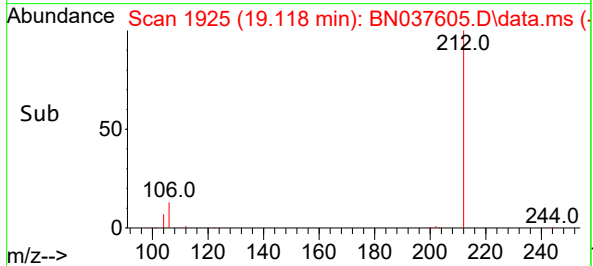
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:212 Resp: 4870
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 8.1 6.6 9.8

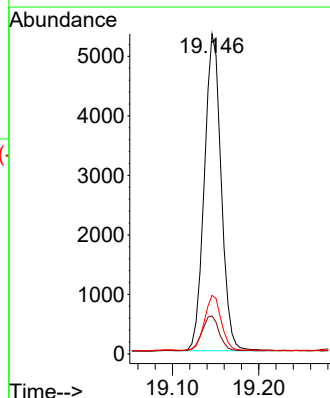
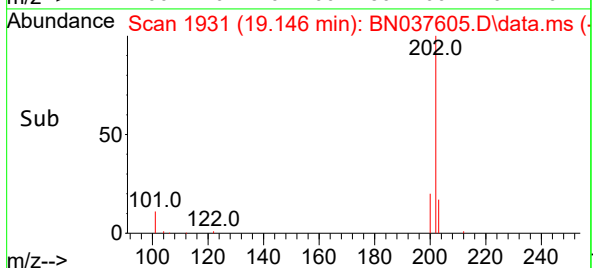
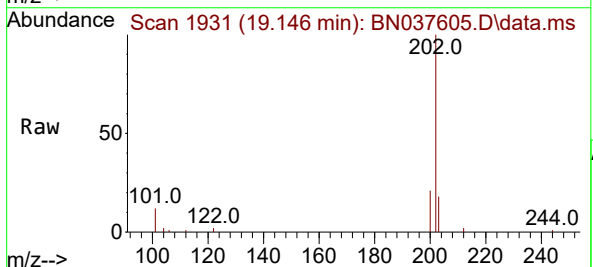
Manual Integrations
APPROVED

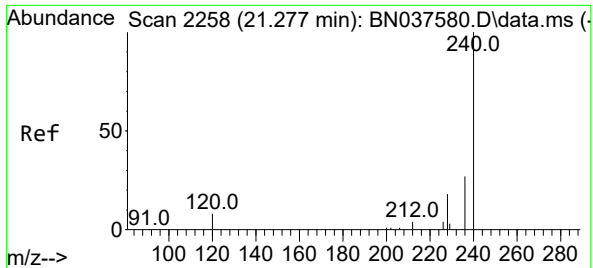
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#28
Fluoranthene
Concen: 0.420 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:202 Resp: 7212
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.6
203 17.2 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

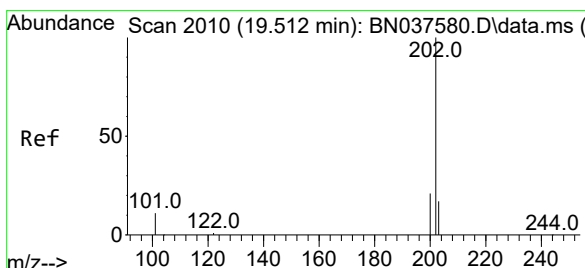
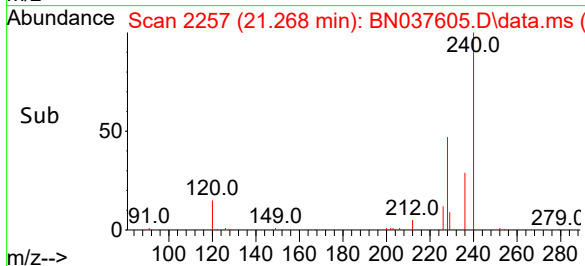
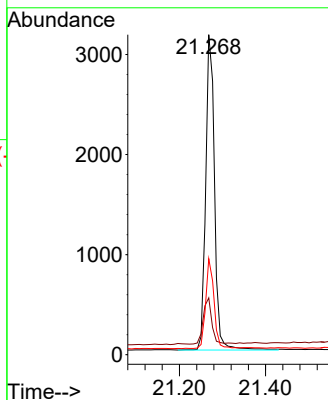
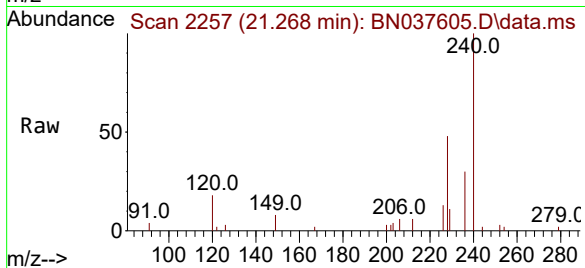
MW-17B-55.5-08122025MS

Tgt Ion:	240	Resp:	450
Ion Ratio	Lower	Upper	
240	100		
120	17.8	8.9	13.3
236	30.0	22.6	33.8

Manual Integrations
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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

Pyrene

Concen: 0.415 ng

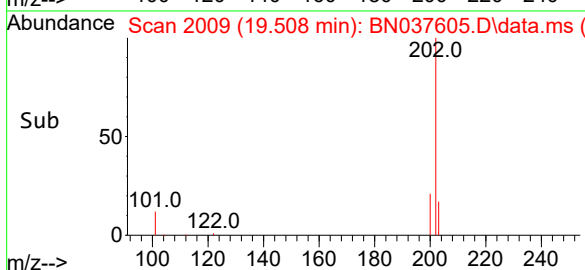
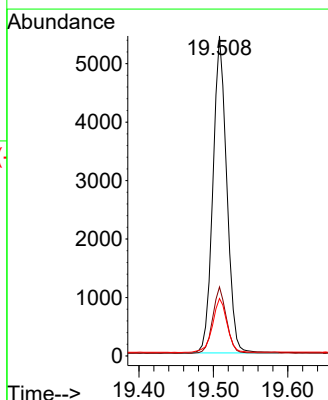
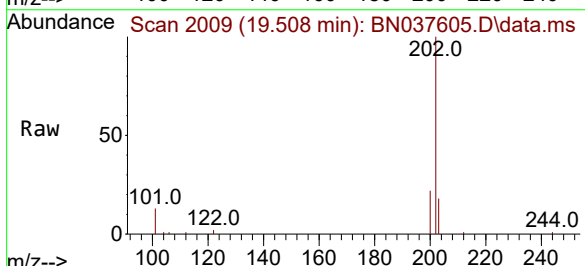
RT: 19.508 min Scan# 2009

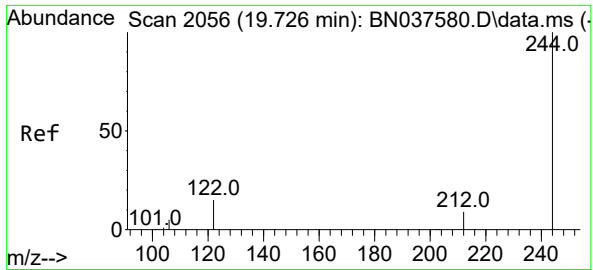
Delta R.T. -0.004 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

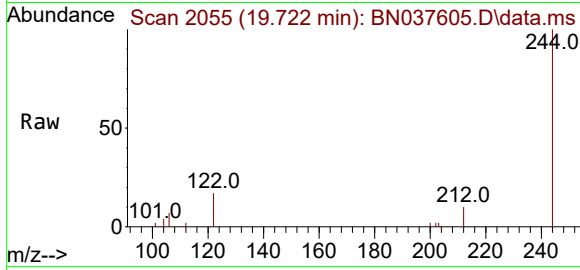
Tgt Ion:	202	Resp:	6994
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	25.0
203	17.9	14.3	21.5





#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

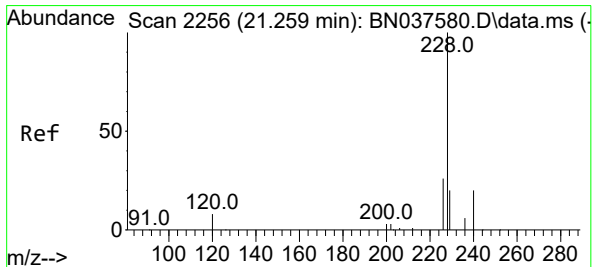
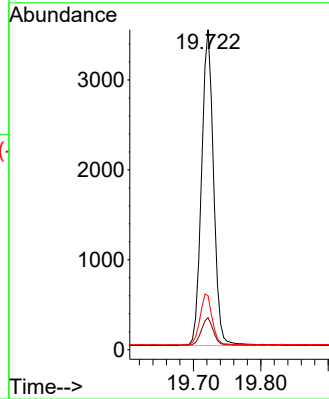
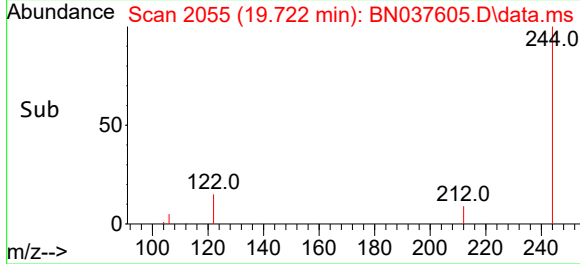
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MS



Tgt Ion:244 Resp: 434
Ion Ratio Lower Upper
244 100
212 10.0 8.2 12.2
122 16.9 13.2 19.8

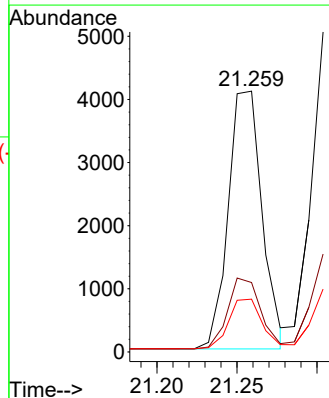
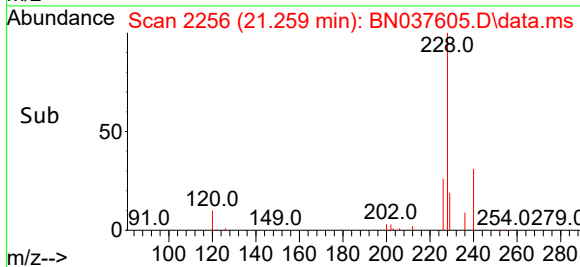
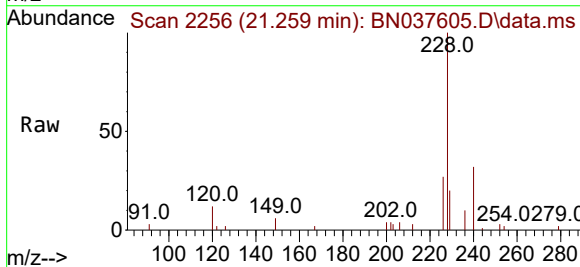
Manual Integrations
APPROVED

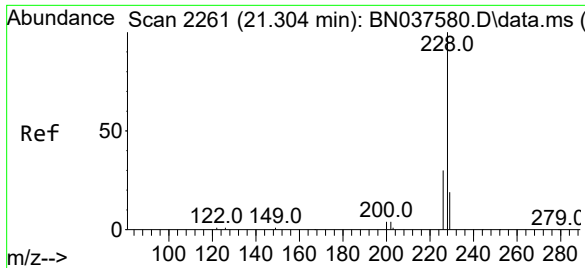
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.259 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BN037605.D
Acq: 19 Aug 2025 13:40

Tgt Ion:228 Resp: 6028
Ion Ratio Lower Upper
228 100
226 26.6 21.5 32.3
229 20.2 16.5 24.7





#33

Chrysene

Concen: 0.399 ng

RT: 21.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037605.D

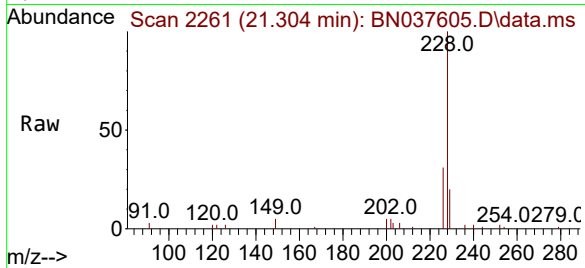
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:228 Resp: 6700

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

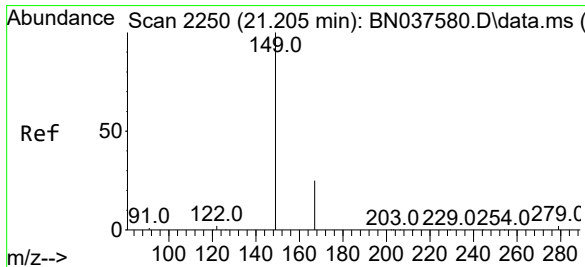
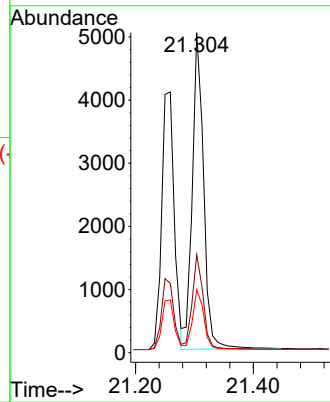
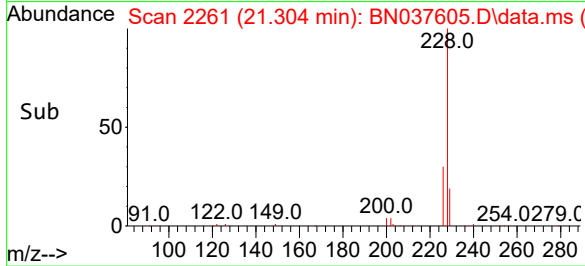
229 19.7 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#34

Bis(2-ethylhexyl)phthalate

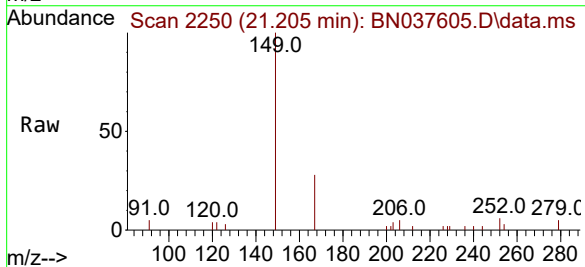
Concen: 0.550 ng

RT: 21.205 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40



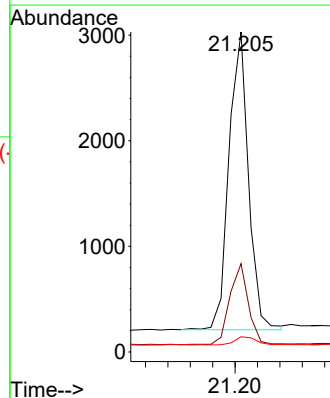
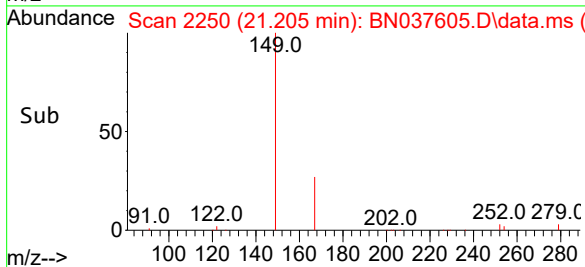
Tgt Ion:149 Resp: 3417

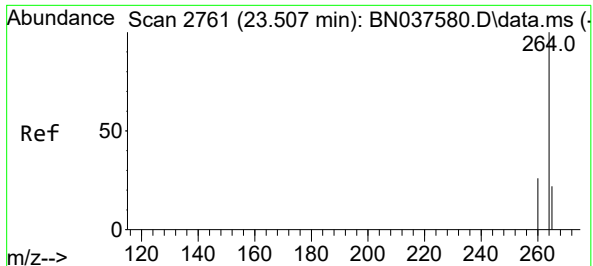
Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

279 3.0 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.505 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037605.D

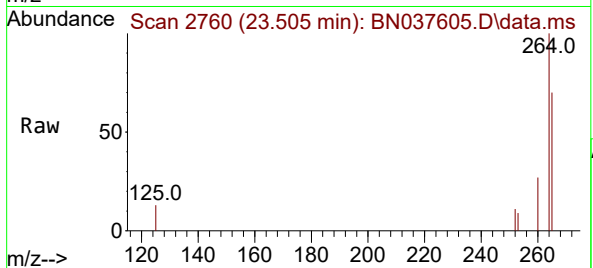
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:264 Resp: 3909

Ion Ratio Lower Upper

264 100

260 26.9 21.6 32.4

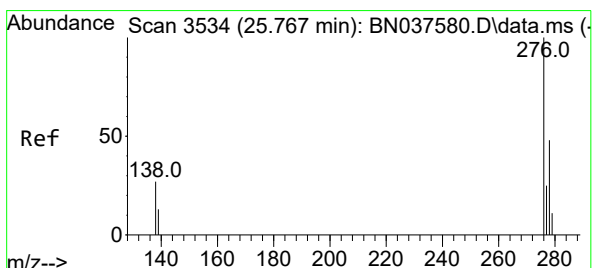
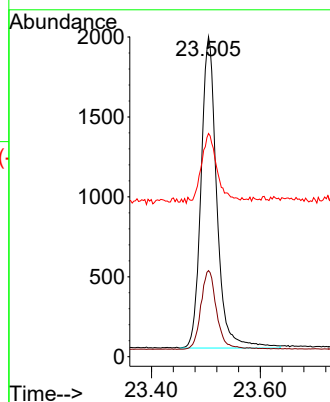
265 69.7 48.2 72.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng

RT: 25.759 min Scan# 3531

Delta R.T. -0.008 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

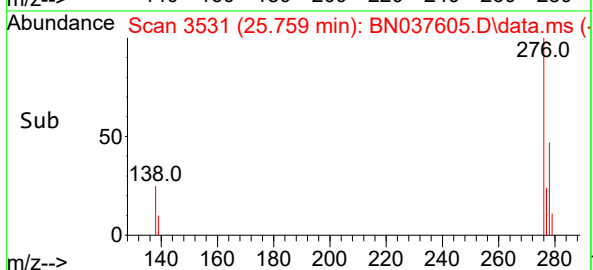
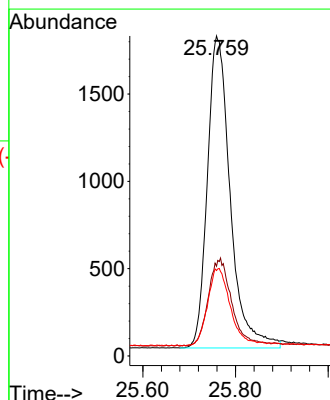
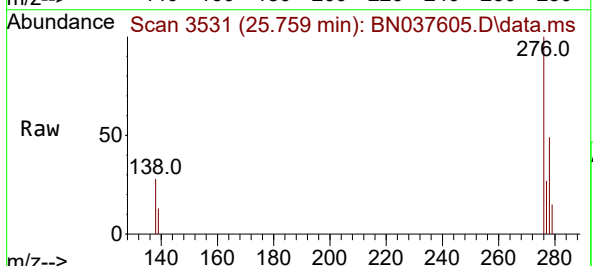
Tgt Ion:276 Resp: 6122

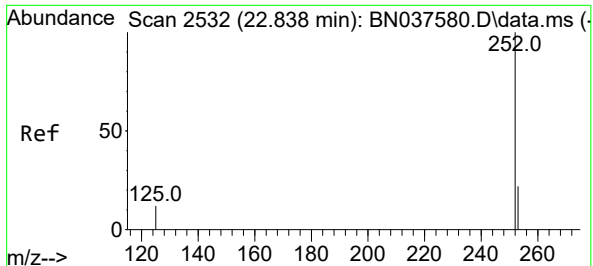
Ion Ratio Lower Upper

276 100

138 28.7 23.3 34.9

277 24.6 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.832 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037605.D

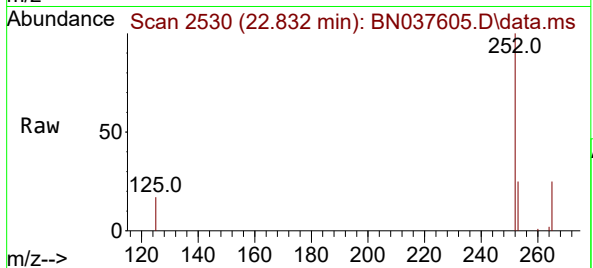
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:252 Resp: 6094

Ion Ratio Lower Upper

252 100

253 24.8 20.0 30.0

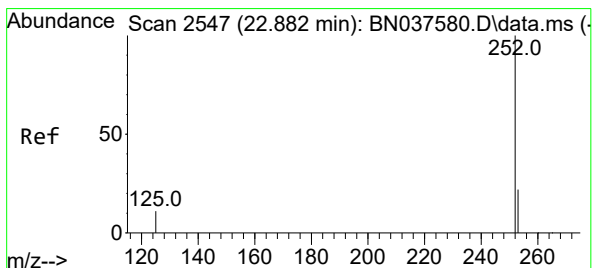
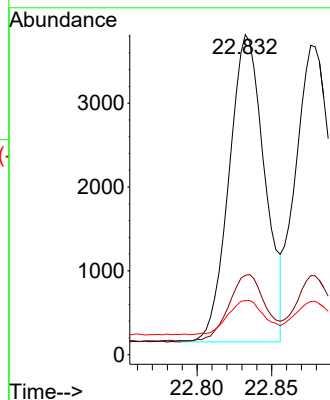
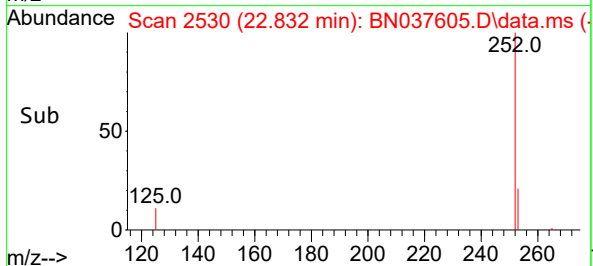
125 16.9 13.8 20.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#38

Benzo(k)fluoranthene

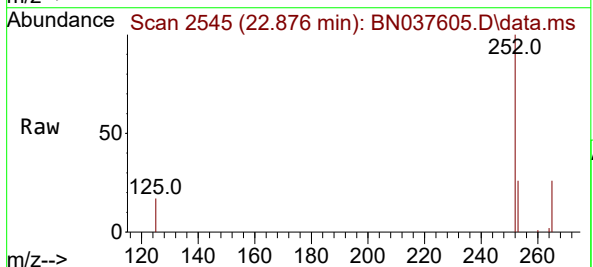
Concen: 0.374 ng

RT: 22.876 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40



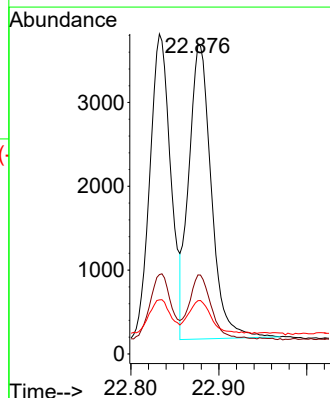
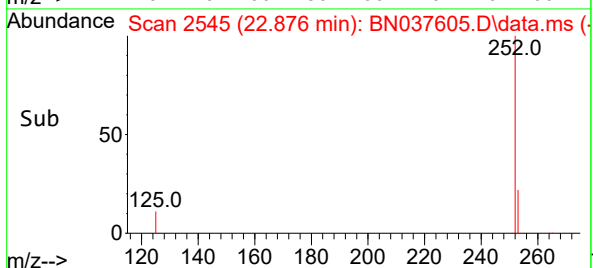
Tgt Ion:252 Resp: 6247

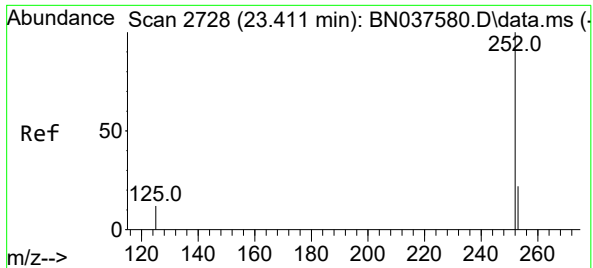
Ion Ratio Lower Upper

252 100

253 25.5 19.9 29.9

125 17.2 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.405 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

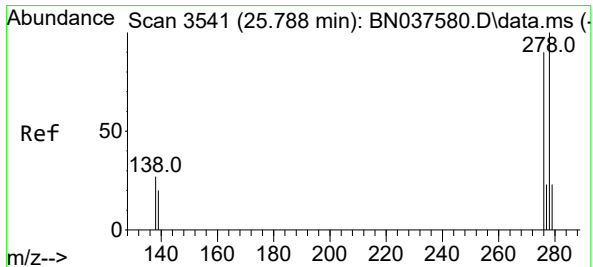
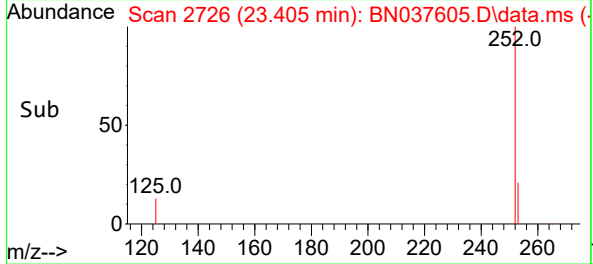
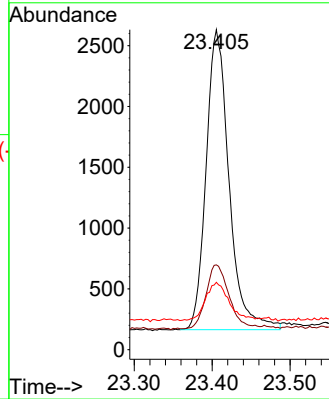
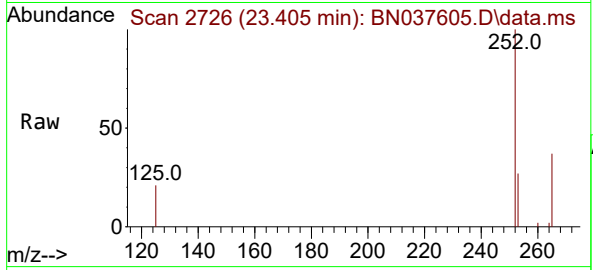
MW-17B-55.5-08122025MS

Tgt Ion:	252	Resp:	5054
Ion Ratio	Lower	Upper	
252	100		
253	26.5	21.6	32.4
125	21.0	16.8	25.2

Manual Integrations
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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.368 ng

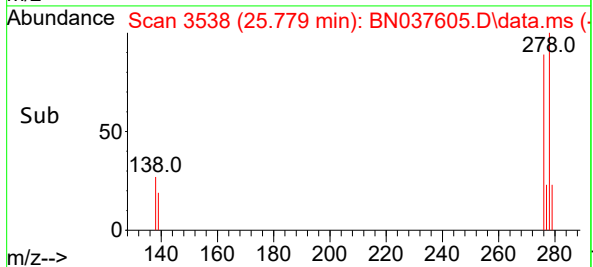
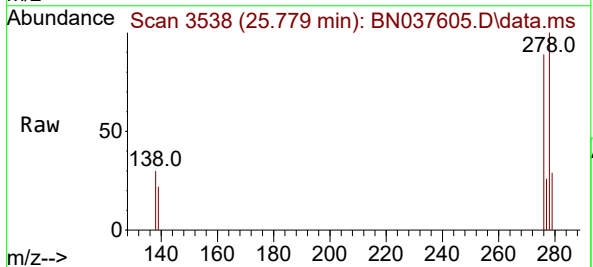
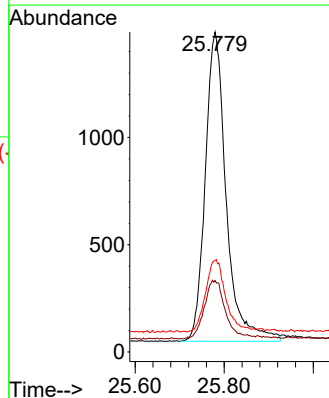
RT: 25.779 min Scan# 3538

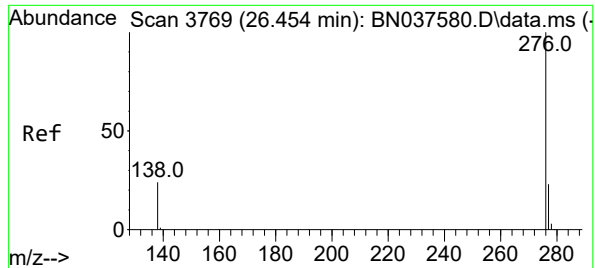
Delta R.T. -0.009 min

Lab File: BN037605.D

Acq: 19 Aug 2025 13:40

Tgt Ion:	278	Resp:	4709
Ion Ratio	Lower	Upper	
278	100		
139	22.3	18.3	27.5
279	28.6	22.5	33.7





#41

Benzo(g,h,i)perylene

Concen: 0.391 ng

RT: 26.449 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN037605.D

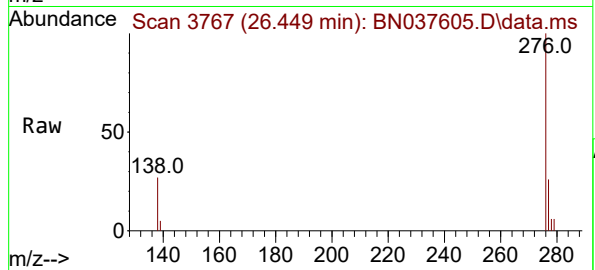
Acq: 19 Aug 2025 13:40

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MS



Tgt Ion:276 Resp: 5269

Ion Ratio Lower Upper

276 100

277 26.2 21.0 31.4

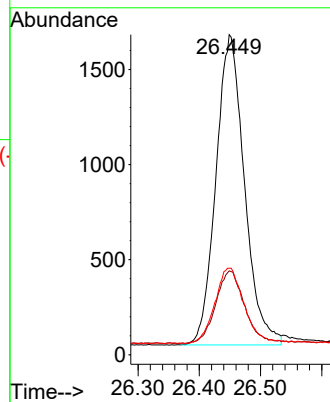
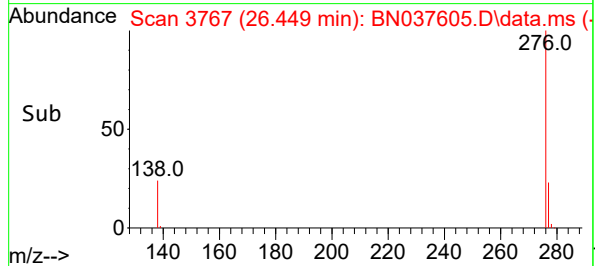
138 27.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037606.D
 Acq On : 19 Aug 2025 14:17
 Operator : RC/JU
 Sample : Q2842-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-17B-55.5-08122025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
 Supervised By :Jagrut Upadhyay 08/20/2025

Quant Time: Aug 20 01:26:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2022	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4839	0.400	ng	0.00
13) Acenaphthene-d10	14.344	164	2406	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5009	0.400	ng	0.00
29) Chrysene-d12	21.267	240	4561	0.400	ng	# 0.00
35) Perylene-d12	23.504	264	3935	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.304	112	713	0.156	ng	0.00
5) Phenol-d6	6.879	99	499	0.090	ng	0.00
8) Nitrobenzene-d5	8.853	82	1080	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	1993m	0.303	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	401	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4509	0.324	ng	0.00
27) Fluoranthene-d10	19.117	212	4894	0.371	ng	0.00
31) Terphenyl-d14	19.721	244	4395	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5537	2.862	ng	# 92
3) n-Nitrosodimethylamine	3.535	42	412	0.167	ng	# 94
6) bis(2-Chloroethyl)ether	7.139	93	1634	0.329	ng	97
9) Naphthalene	10.540	128	4289	0.333	ng	98
10) Hexachlorobutadiene	10.850	225	911	0.289	ng	# 99
12) 2-Methylnaphthalene	12.161	142	2410	0.298	ng	100
16) Acenaphthylene	14.066	152	3852	0.357	ng	100
17) Acenaphthene	14.408	154	2466	0.336	ng	98
18) Fluorene	15.392	166	3360	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	237	0.441	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	1112	0.353	ng	# 90
22) Hexachlorobenzene	16.403	284	1477	0.331	ng	98
23) Atrazine	16.552	200	799	0.449	ng	96
24) Pentachlorophenol	16.738	266	1294	0.826	ng	97
25) Phenanthrene	17.123	178	6750	0.443	ng	100
26) Anthracene	17.210	178	5136	0.381	ng	99
28) Fluoranthene	19.145	202	7312	0.418	ng	100
30) Pyrene	19.508	202	7072	0.415	ng	99
32) Benzo(a)anthracene	21.250	228	6132	0.402	ng	98
33) Chrysene	21.303	228	6692	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3509	0.558	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	6228	0.376	ng	98
37) Benzo(b)fluoranthene	22.832	252	6261	0.420	ng	100
38) Benzo(k)fluoranthene	22.876	252	6279	0.373	ng	98
39) Benzo(a)pyrene	23.405	252	5127	0.415	ng	99
40) Dibenzo(a,h)anthracene	25.776	278	4745	0.369	ng	99
41) Benzo(g,h,i)perylene	26.445	276	5431	0.401	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

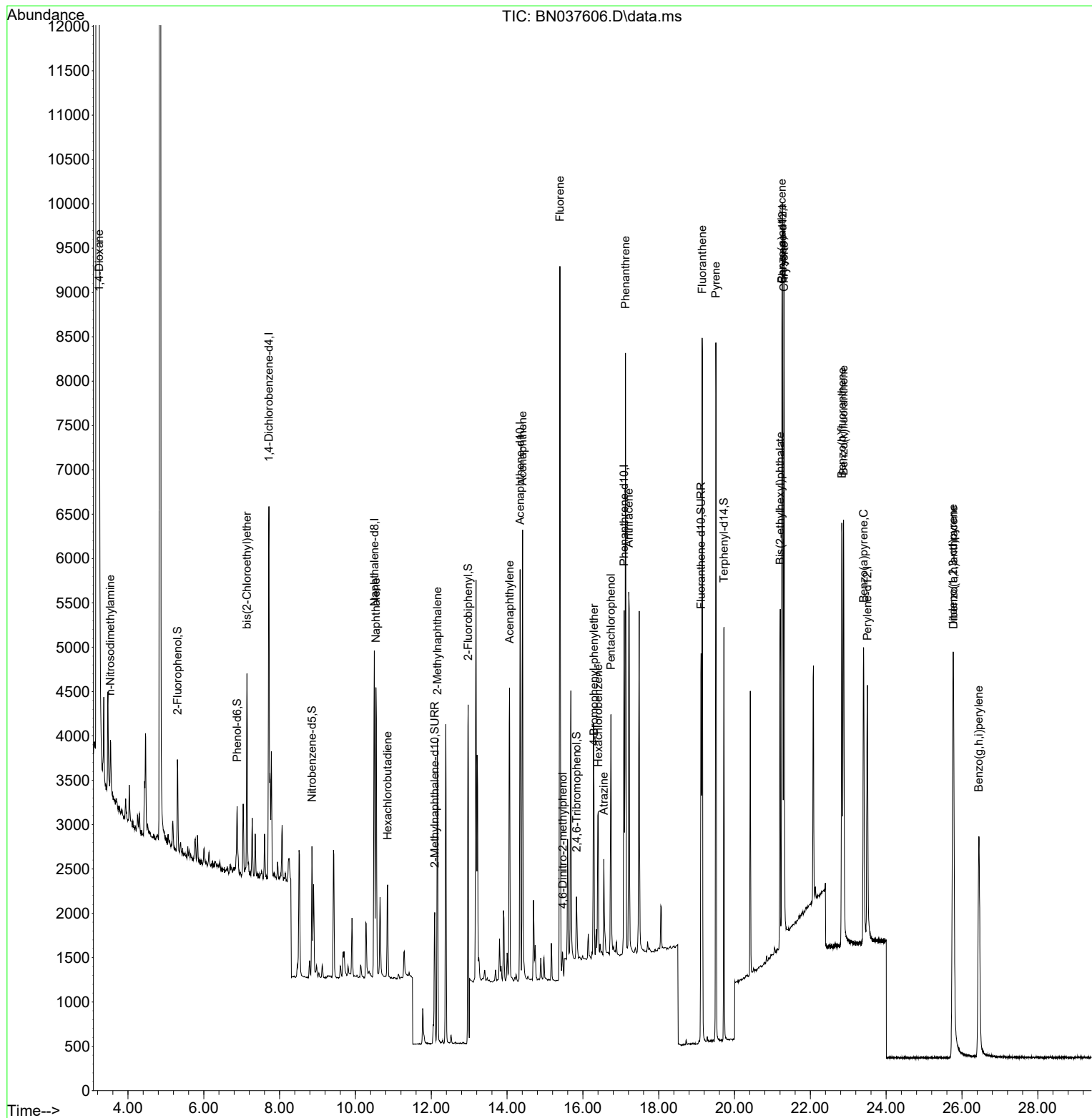
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037606.D
Acq On : 19 Aug 2025 14:17
Operator : RC/JU
Sample : Q2842-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

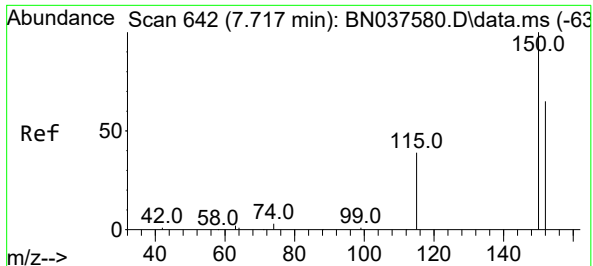
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD

Quant Time: Aug 20 01:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

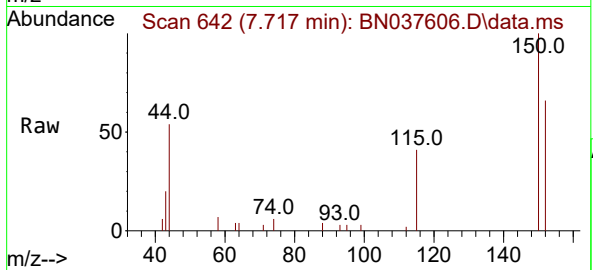
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 642
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

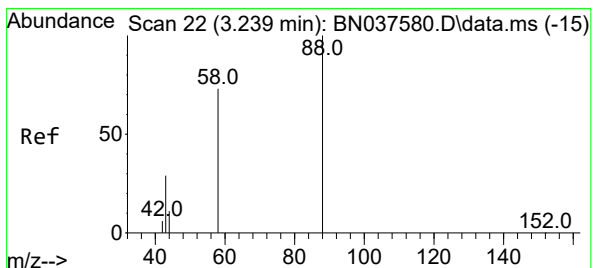
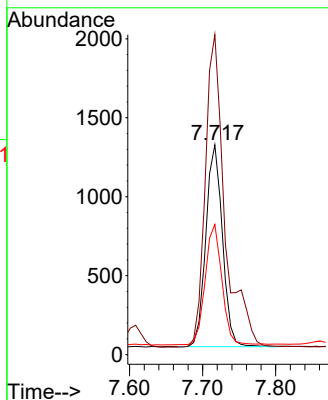
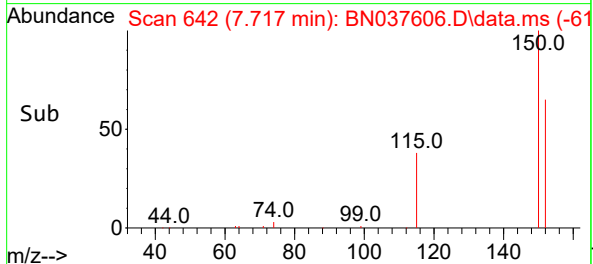
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 152 Resp: 202
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.4
115 62.0 49.8 74.6

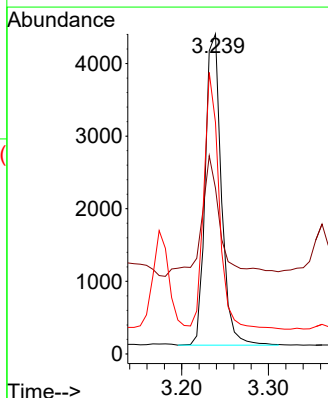
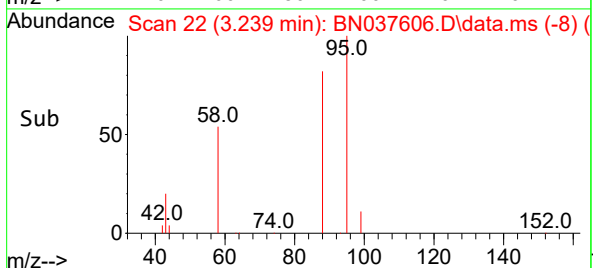
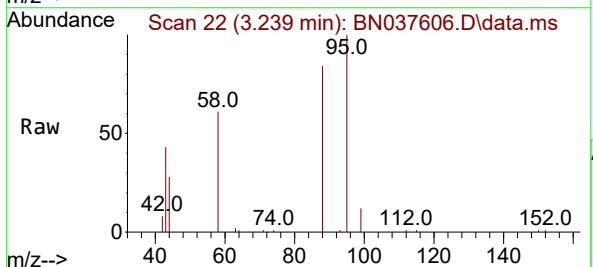
Manual Integrations
APPROVED

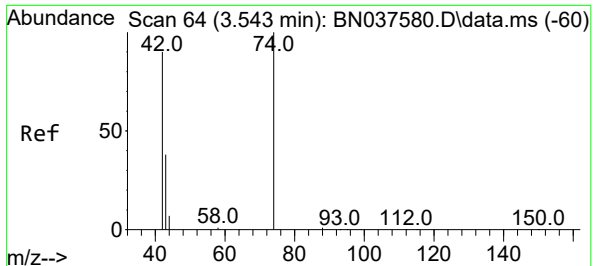
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#2
1,4-Dioxane
Concen: 2.862 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

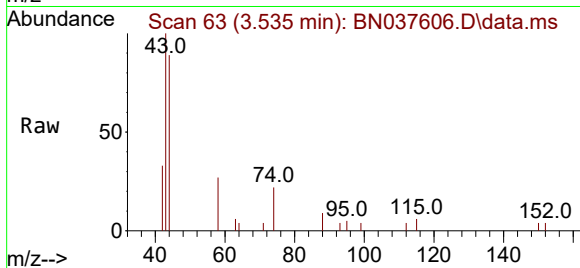
Tgt Ion: 88 Resp: 5537
Ion Ratio Lower Upper
88 100
43 47.0 25.8 38.6#
58 77.2 61.2 91.8





#3
n-Nitrosodimethylamine
Concen: 0.167 ng
RT: 3.535 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

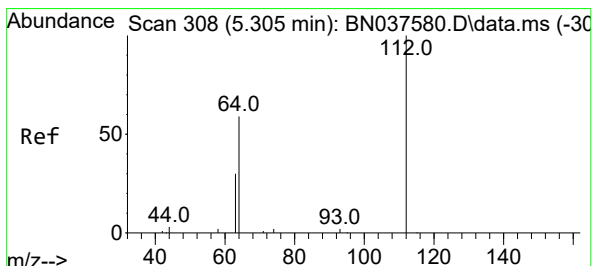
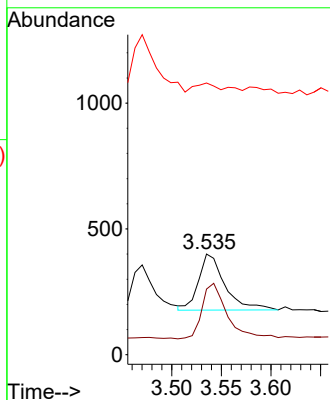
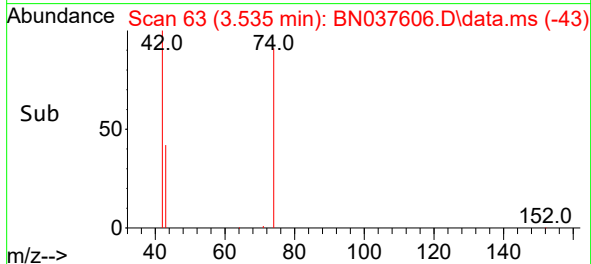
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 42 Resp: 41
Ion Ratio Lower Upper
42 100
74 97.1 82.0 123.0
44 16.7 7.9 11.9

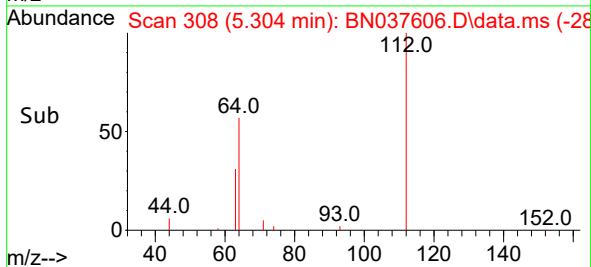
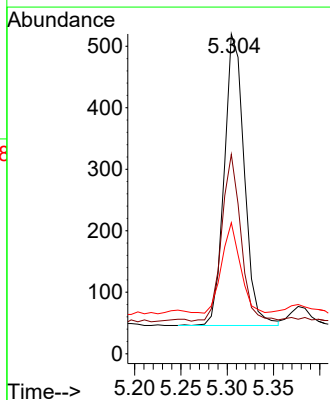
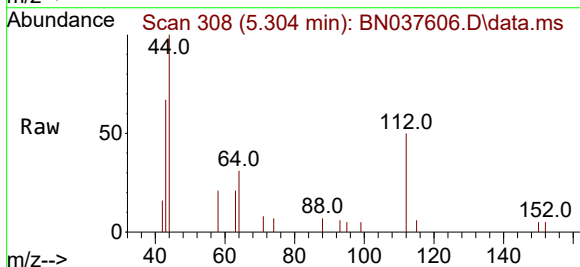
Manual Integrations
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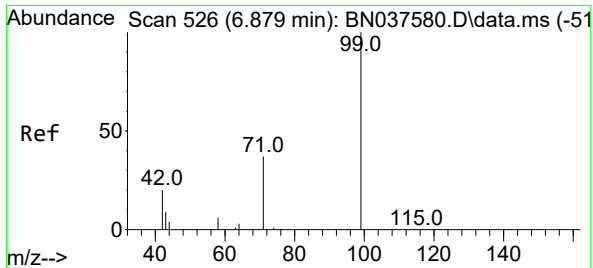
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.304 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

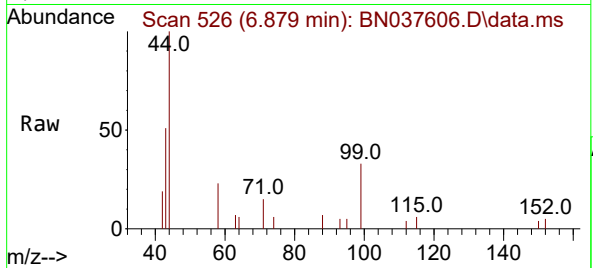
Tgt Ion:112 Resp: 713
Ion Ratio Lower Upper
112 100
64 54.3 44.9 67.3
63 29.5 23.4 35.2





#5
Phenol-d6
Concen: 0.090 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

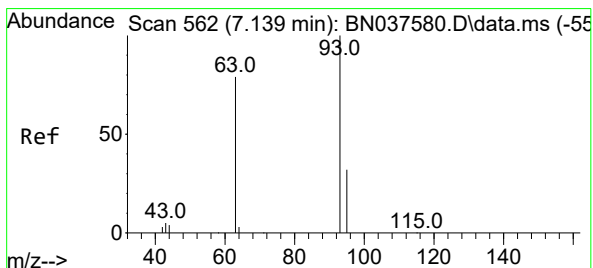
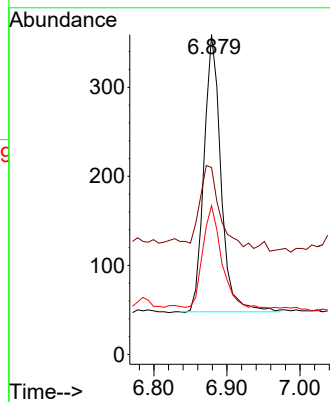
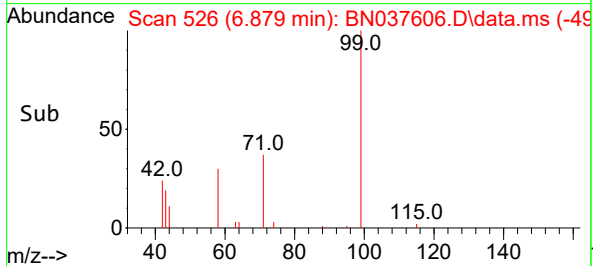
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion: 99 Resp: 499
Ion Ratio Lower Upper
99 100
42 35.1 18.5 27.7
71 41.1 28.6 42.8

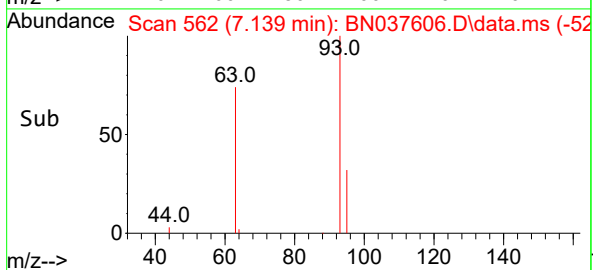
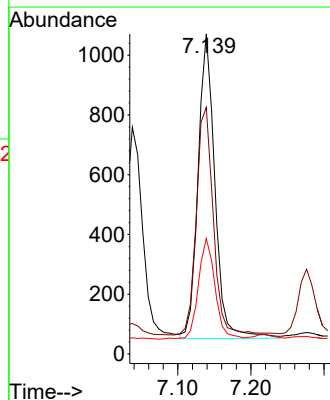
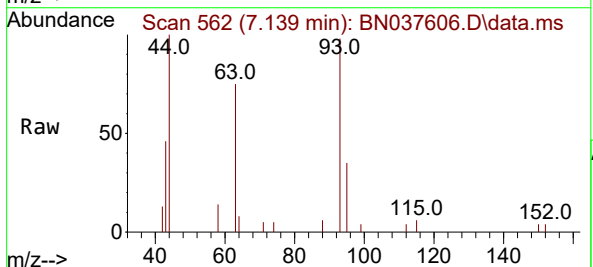
Manual Integrations
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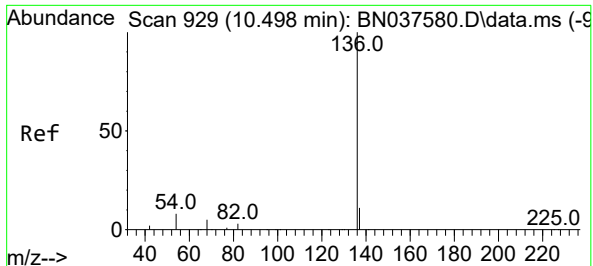
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

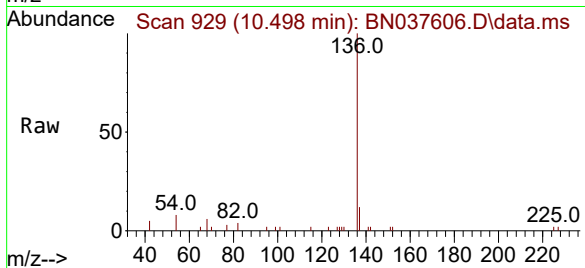
Tgt Ion: 93 Resp: 1634
Ion Ratio Lower Upper
93 100
63 75.2 58.0 87.0
95 32.4 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

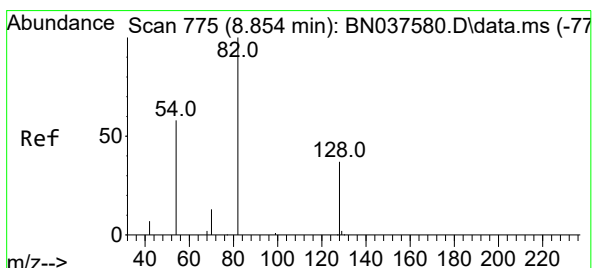
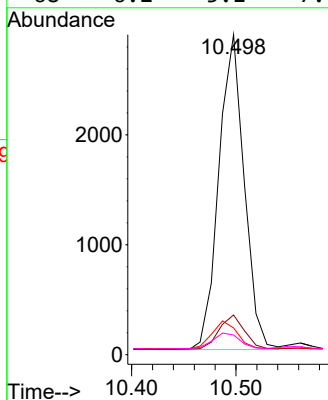
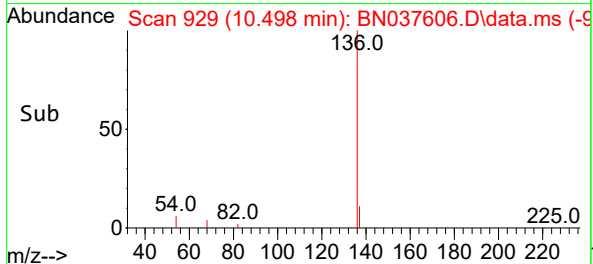
Instrument : BNA_N
ClientSampleId : MW-17B-55.5-08122025MSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	8.4	7.3	10.9
68	6.2	5.1	7.7

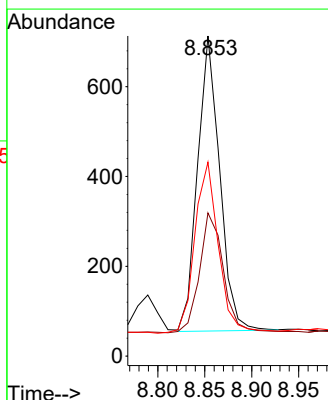
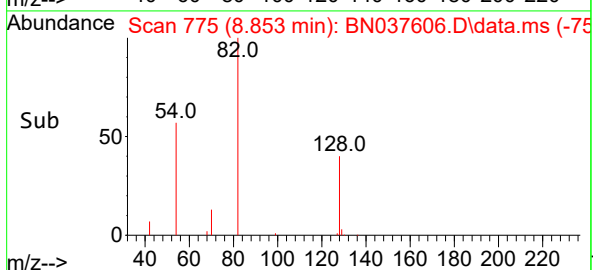
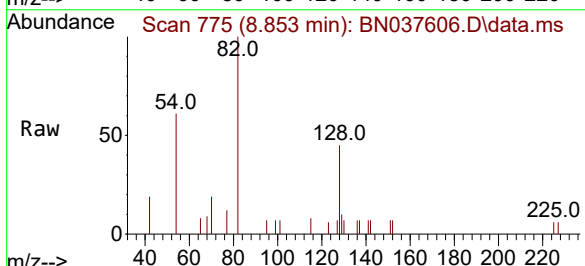
Manual Integrations
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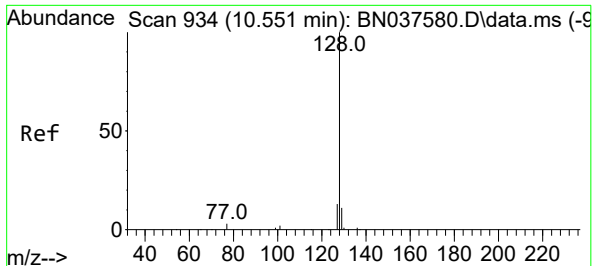
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.853 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.6	48.8
54	60.6	48.9	73.3





#9

Naphthalene

Concen: 0.333 ng

RT: 10.540 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

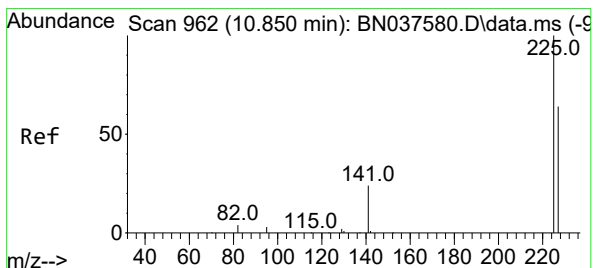
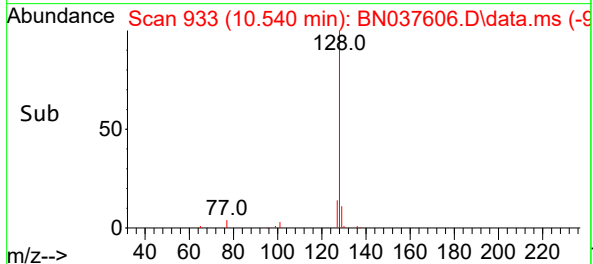
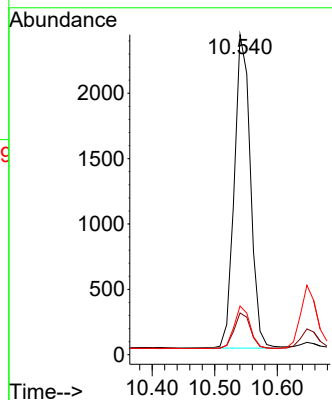
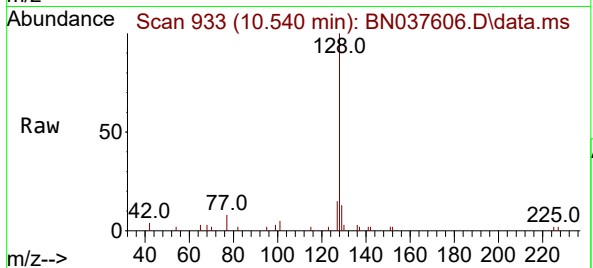
MW-17B-55.5-08122025MSD

Tgt Ion:	128	Resp:	4289
Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.8	14.6
127	15.2	11.5	17.3

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#10

Hexachlorobutadiene

Concen: 0.289 ng

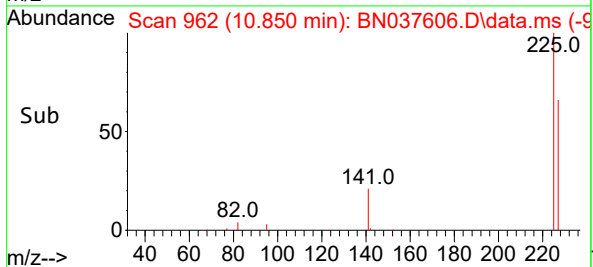
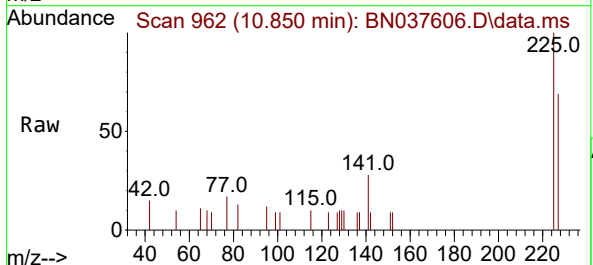
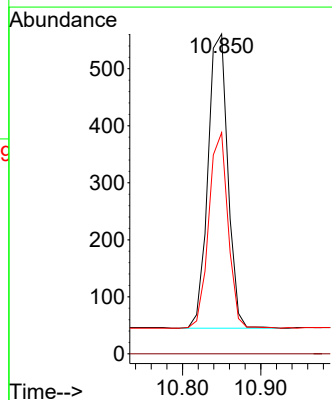
RT: 10.850 min Scan# 962

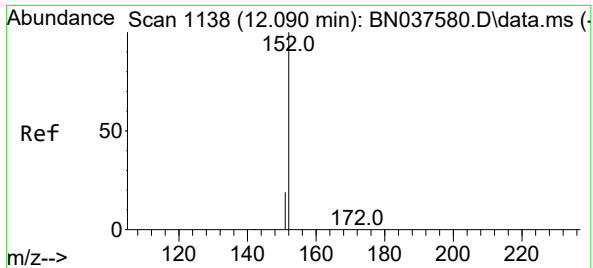
Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

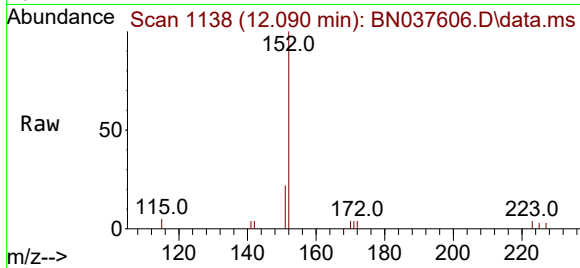
Tgt Ion:	225	Resp:	911
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.8	76.2





#11
2-Methylnaphthalene-d10
Concen: 0.303 ng m
RT: 12.090 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

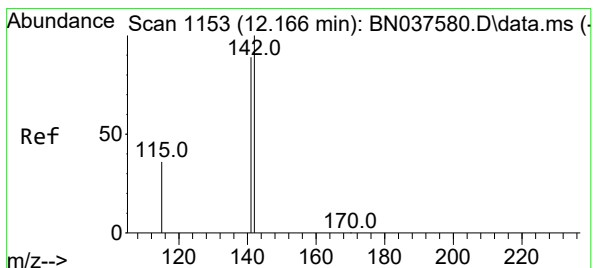
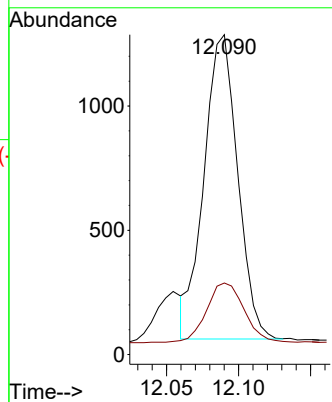
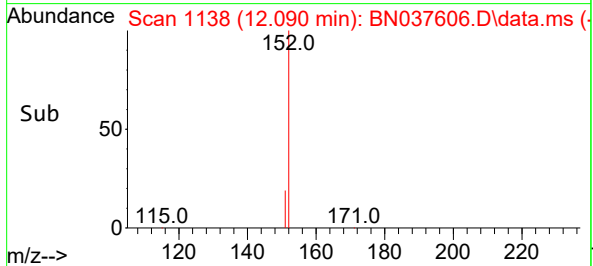
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:152 Resp: 199
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9

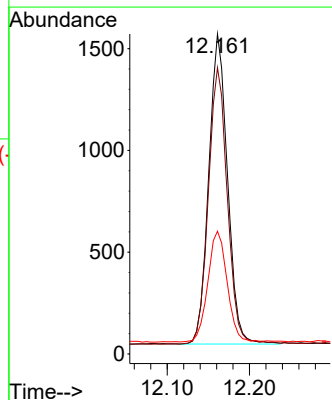
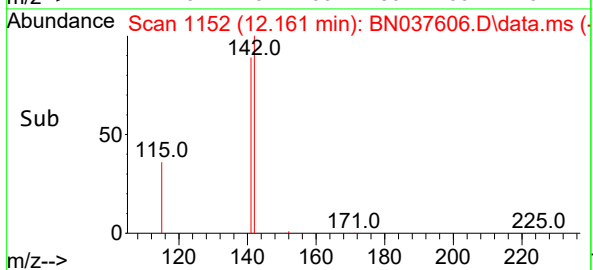
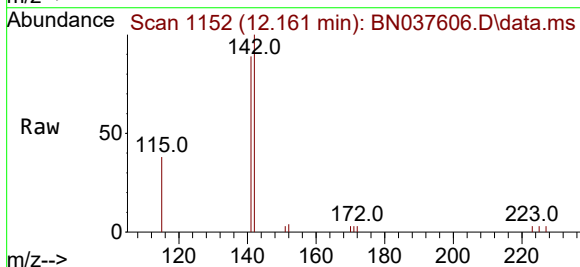
Manual Integrations
APPROVED

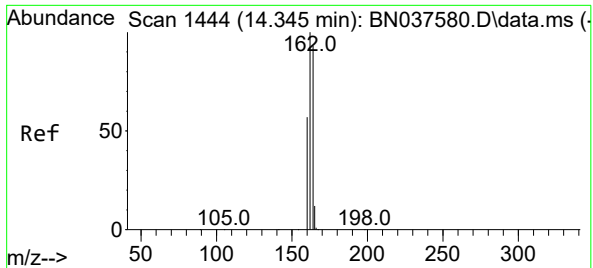
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

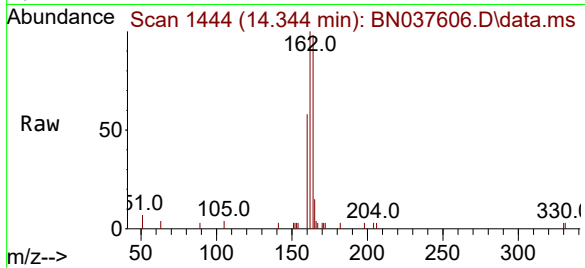
Tgt Ion:142 Resp: 2410
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0
115 38.4 30.2 45.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.344 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

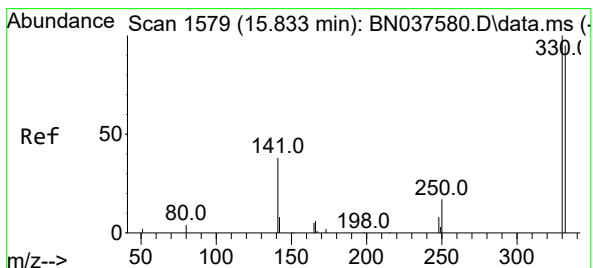
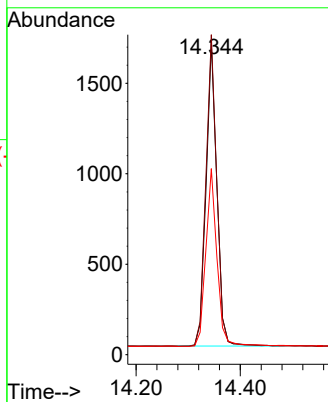
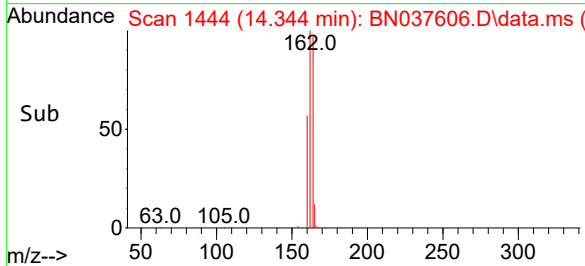
Instrument : BNA_N
ClientSampleId : MW-17B-55.5-08122025MSD



Tgt Ion:164 Resp: 2400
Ion Ratio Lower Upper
164 100
162 102.4 85.5 128.3
160 59.6 49.5 74.3

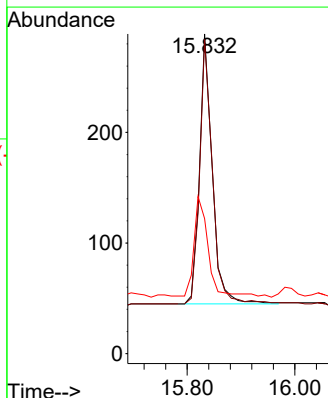
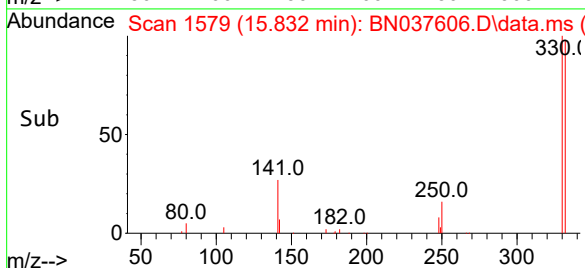
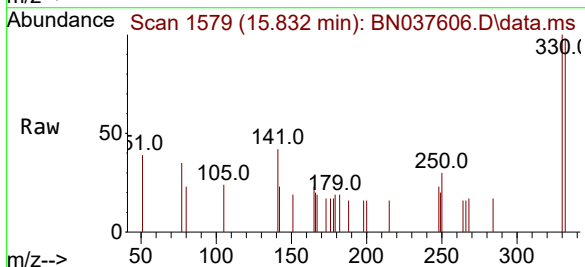
Manual Integrations
APPROVED

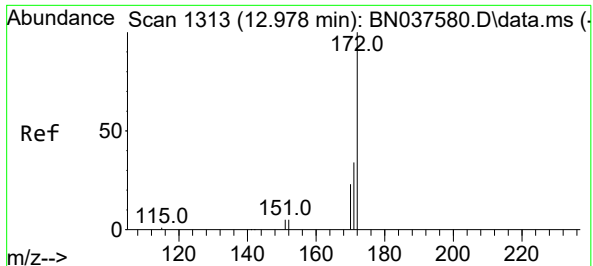
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.832 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

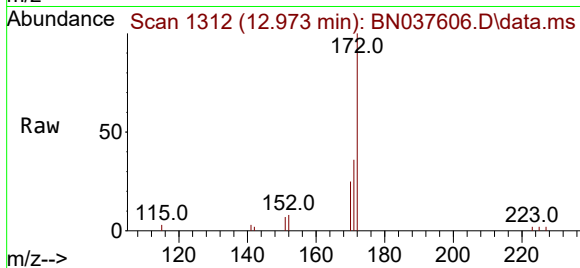
Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 42.6 30.9 46.3





#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.973 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

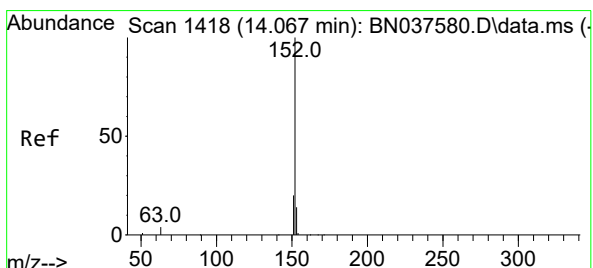
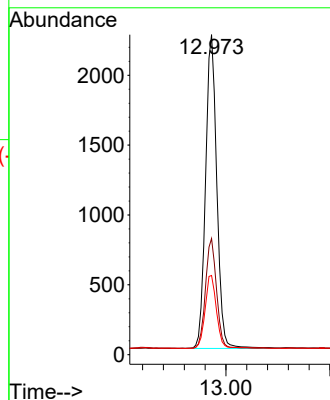
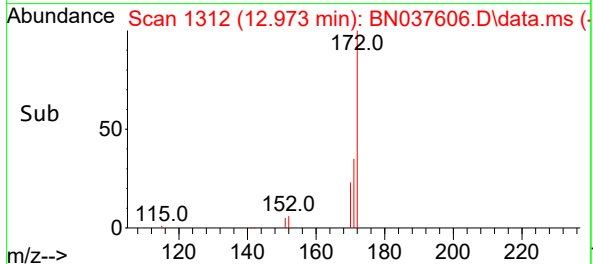
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:172 Resp: 4509
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 24.7 19.2 28.8

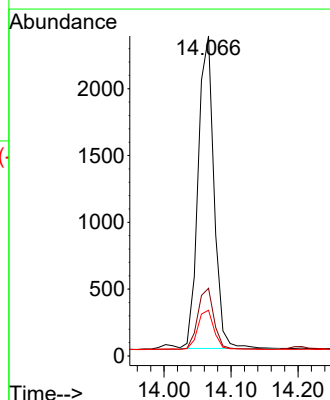
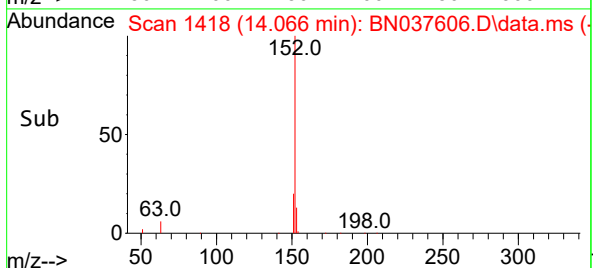
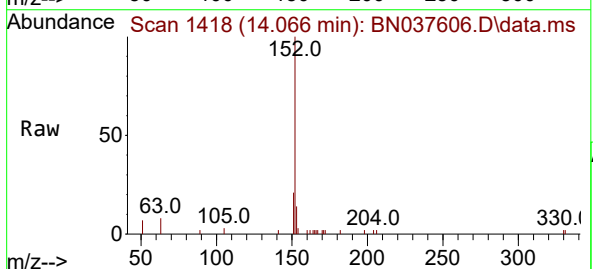
Manual Integrations
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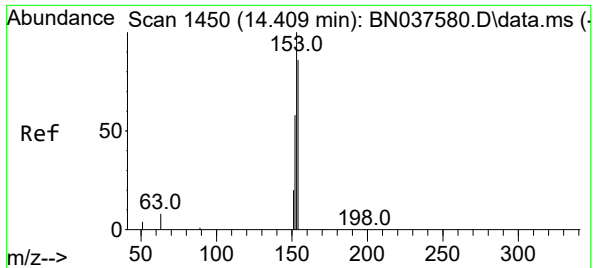
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.066 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

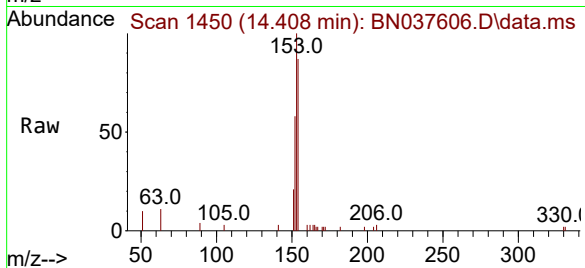
Tgt Ion:152 Resp: 3852
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.3 10.7 16.1





#17
Acenaphthene
Concen: 0.336 ng
RT: 14.408 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

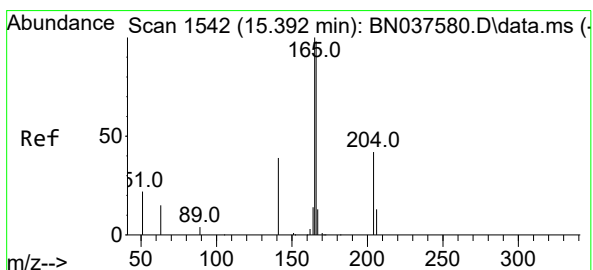
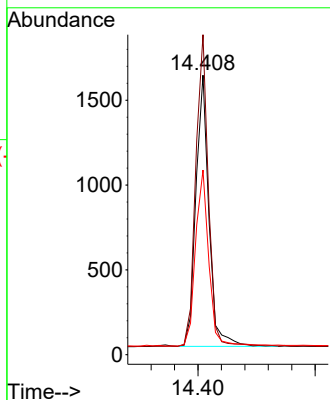
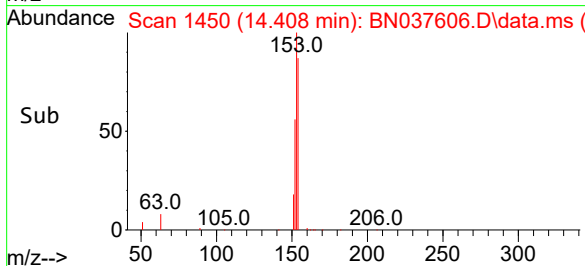
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:154 Resp: 2460
Ion Ratio Lower Upper
154 100
153 111.9 90.6 135.8
152 66.6 54.9 82.3

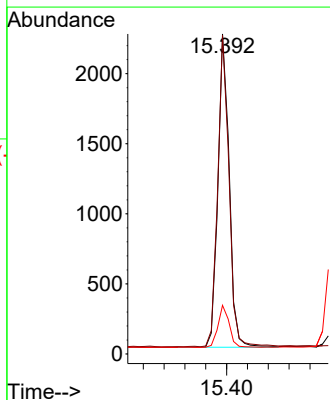
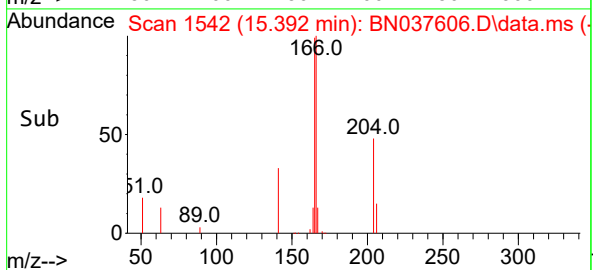
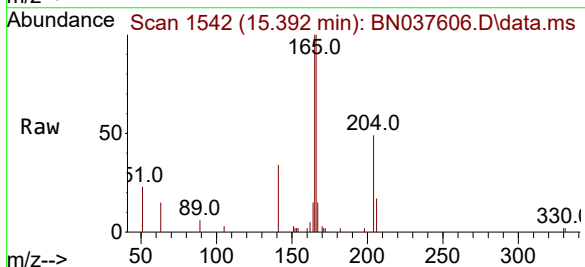
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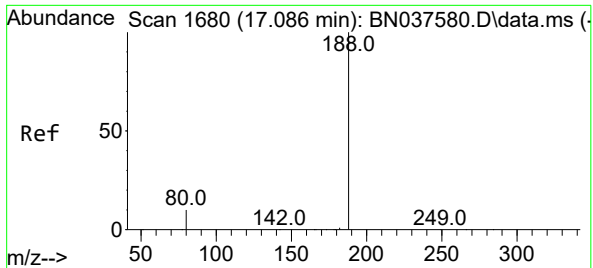
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#18
Fluorene
Concen: 0.350 ng
RT: 15.392 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion:166 Resp: 3360
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD

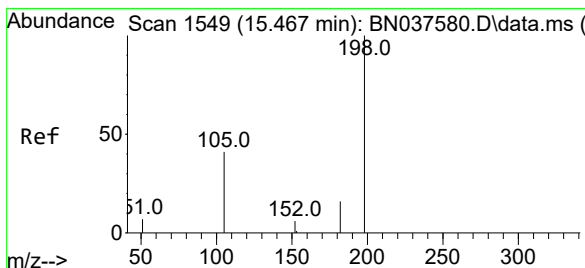
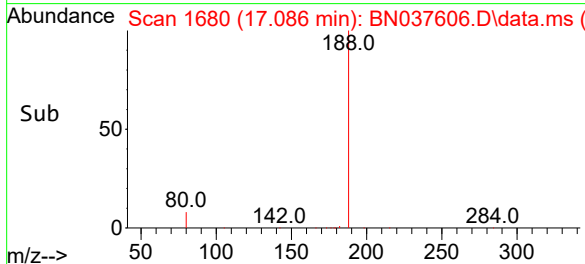
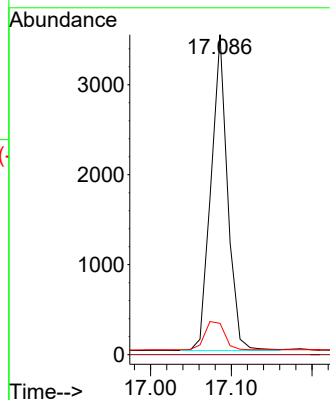
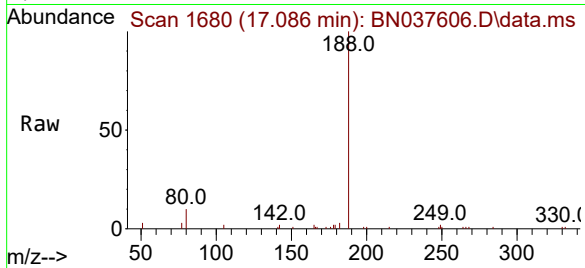
Tgt Ion:	188	Resp:	500
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#20

4,6-Dinitro-2-methylphenol

Concen: 0.441 ng

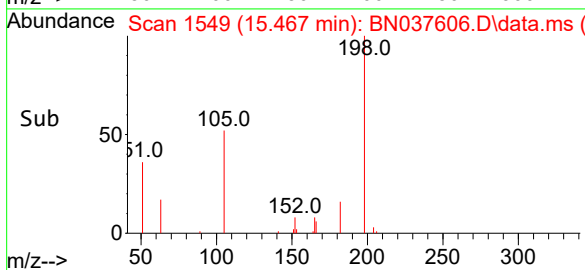
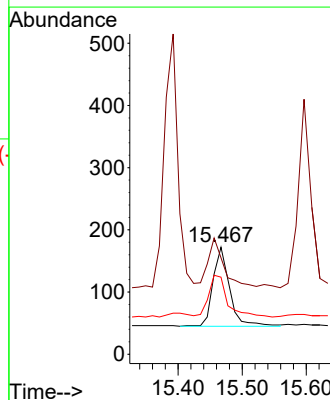
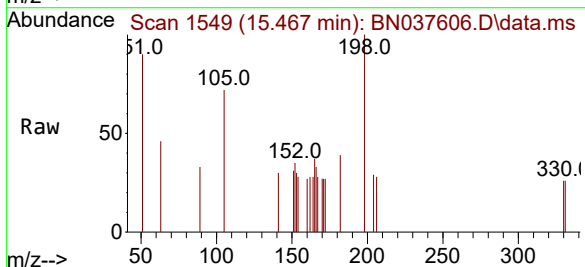
RT: 15.467 min Scan# 1549

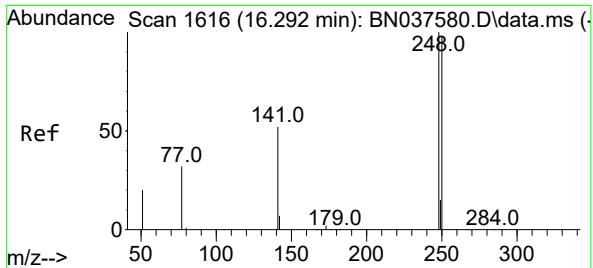
Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

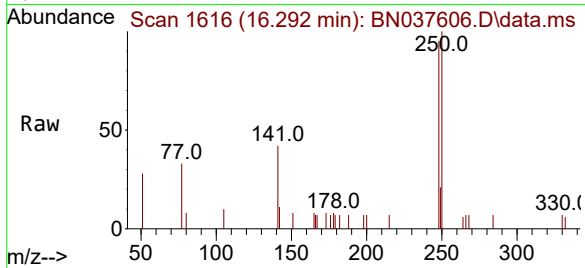
Tgt Ion:	198	Resp:	237
Ion Ratio	Lower	Upper	
198	100		
51	90.1	81.0	121.6
105	72.1	52.5	78.7





#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.292 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

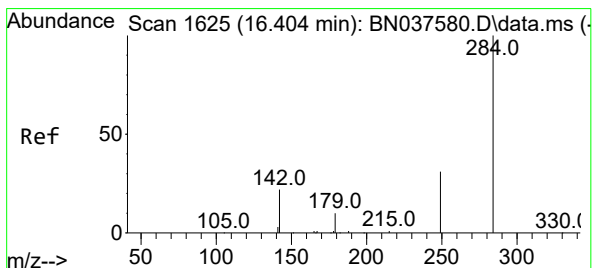
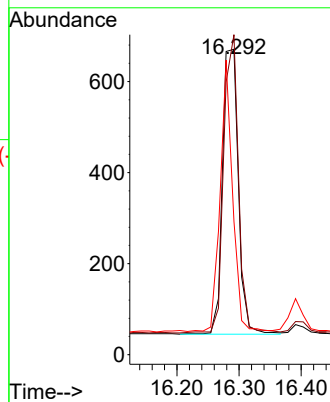
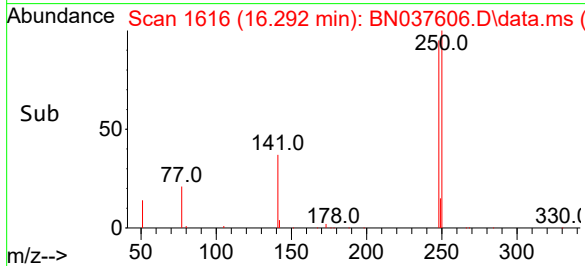
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:248 Resp: 111
Ion Ratio Lower Upper
248 100
250 104.8 78.6 118.0
141 43.7 43.7 65.5

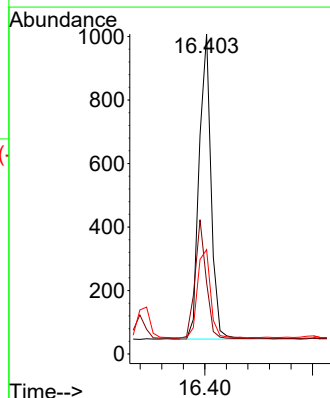
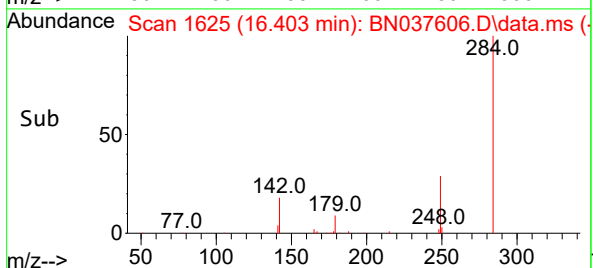
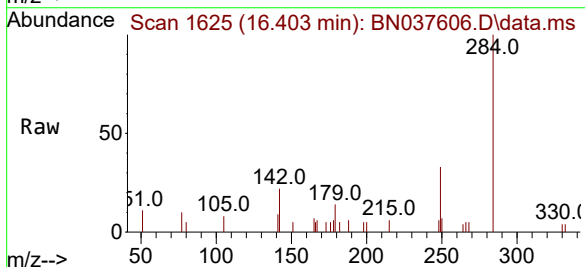
Manual Integrations
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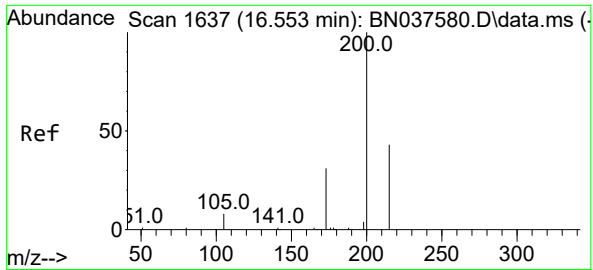
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.403 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

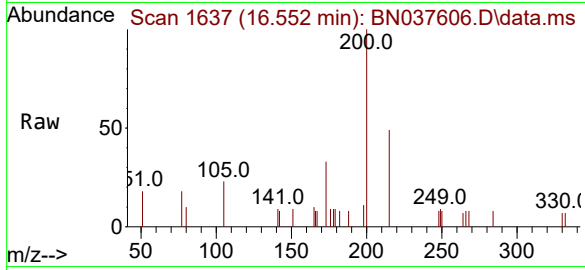
Tgt Ion:284 Resp: 1477
Ion Ratio Lower Upper
284 100
142 36.2 29.8 44.6
249 31.6 26.0 39.0





#23
Atrazine
Concen: 0.449 ng
RT: 16.552 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

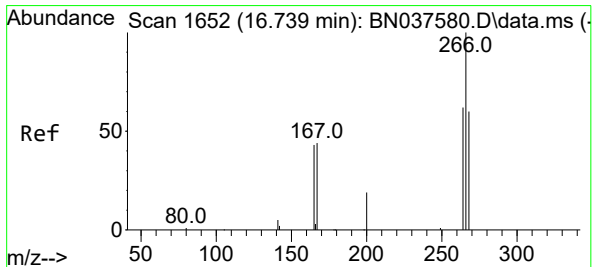
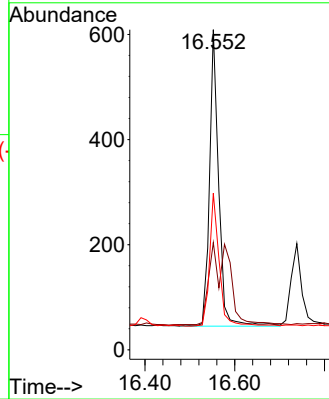
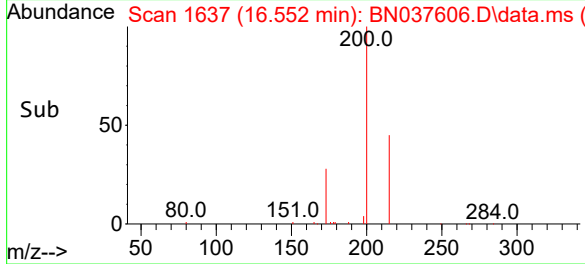
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:200 Resp: 799
Ion Ratio Lower Upper
200 100
173 33.5 31.0 46.4
215 48.9 39.4 59.0

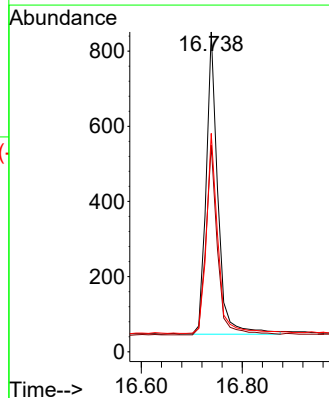
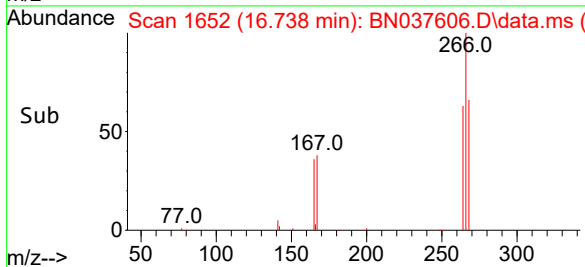
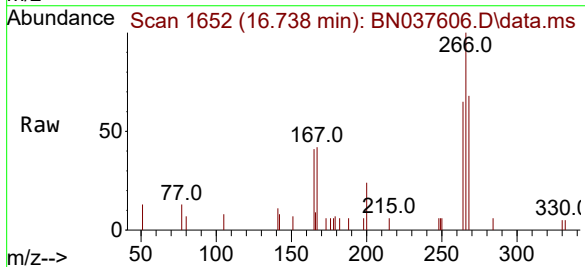
Manual Integrations
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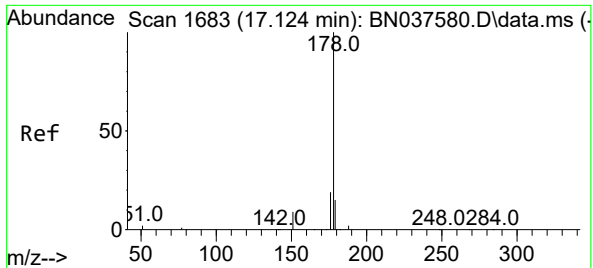
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#24
Pentachlorophenol
Concen: 0.826 ng
RT: 16.738 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

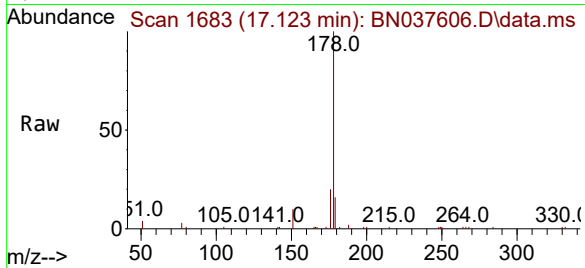
Tgt Ion:266 Resp: 1294
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 65.3 49.2 73.8





#25
Phenanthrene
Concen: 0.443 ng
RT: 17.123 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

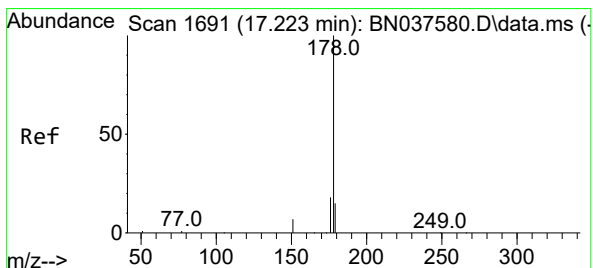
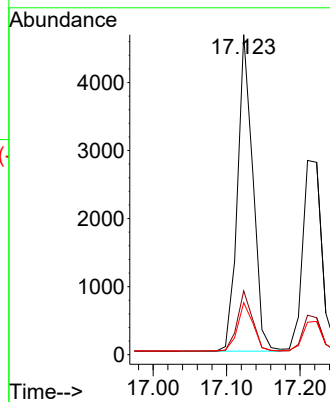
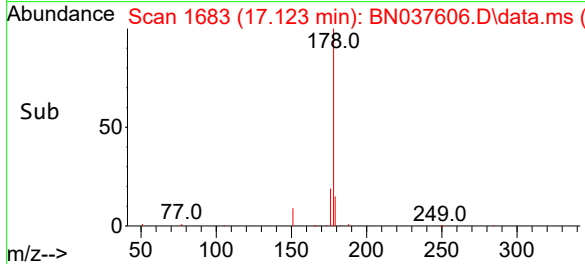
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:178 Resp: 6750
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.3 18.5

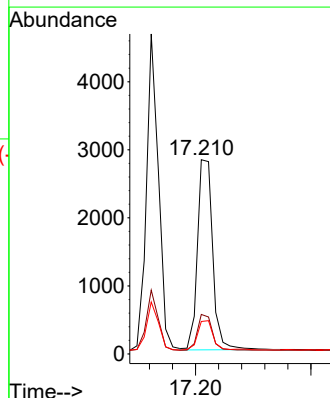
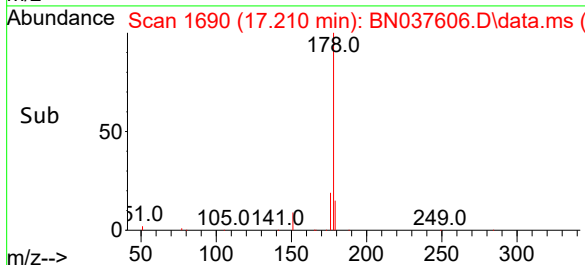
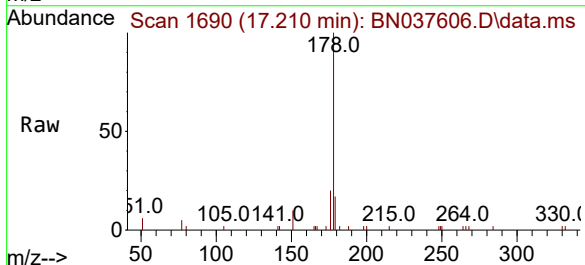
Manual Integrations
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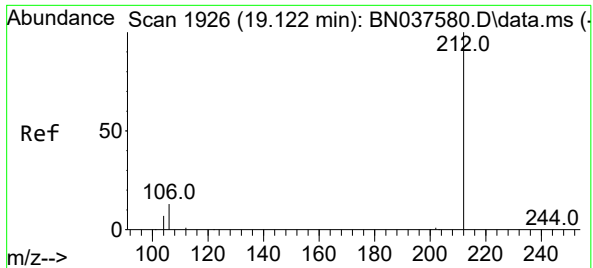
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#26
Anthracene
Concen: 0.381 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

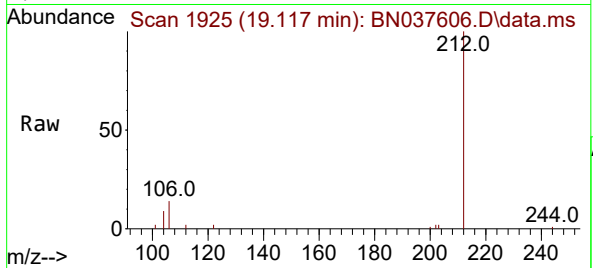
Tgt Ion:178 Resp: 5136
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.8 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.117 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

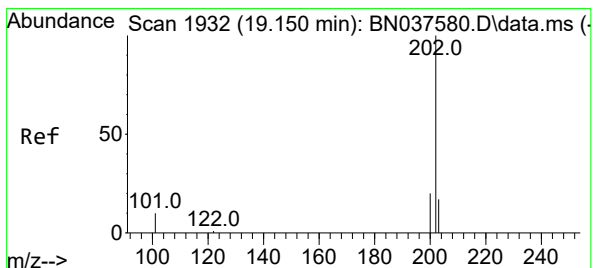
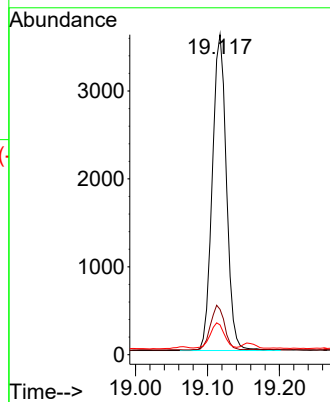
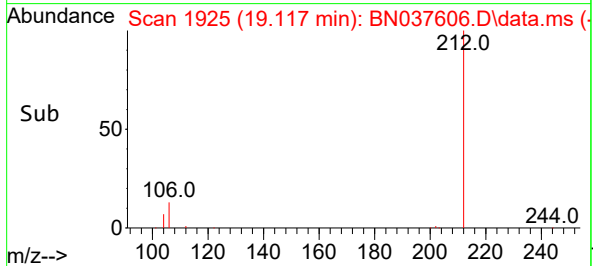
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



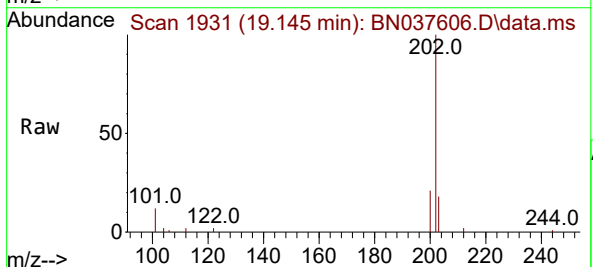
Tgt Ion:212 Resp: 4894
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 8.3 6.6 9.8

Manual Integrations
APPROVED

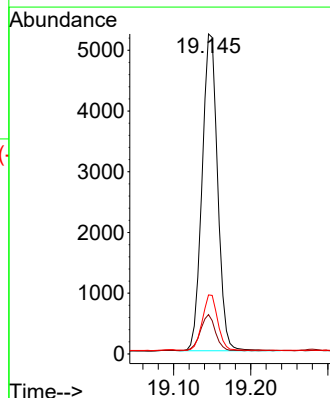
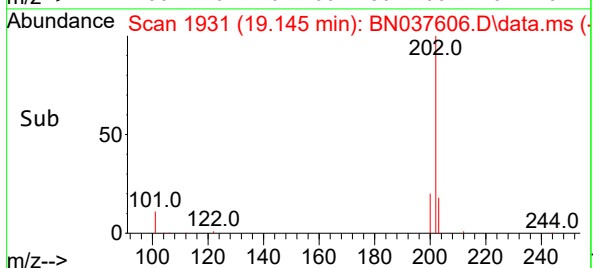
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

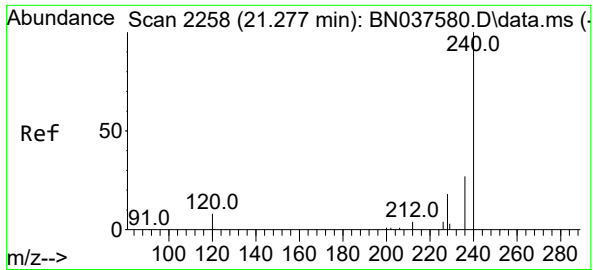


#28
Fluoranthene
Concen: 0.418 ng
RT: 19.145 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17



Tgt Ion:202 Resp: 7312
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.6
203 17.2 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.267 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037606.D

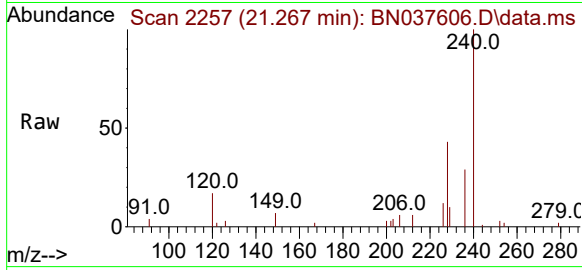
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:240 Resp: 456

Ion Ratio Lower Upper

240 100

120 17.2 8.9 13.3

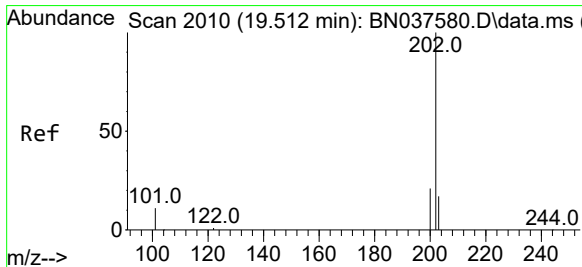
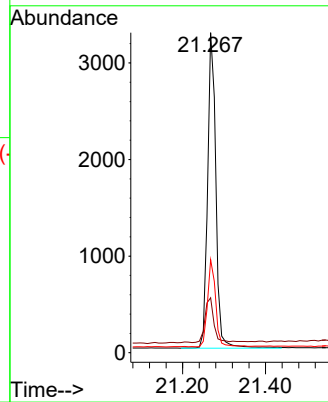
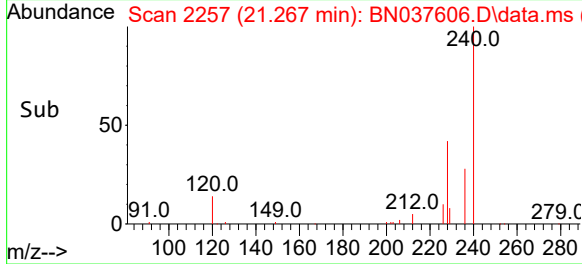
236 29.1 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#30

Pyrene

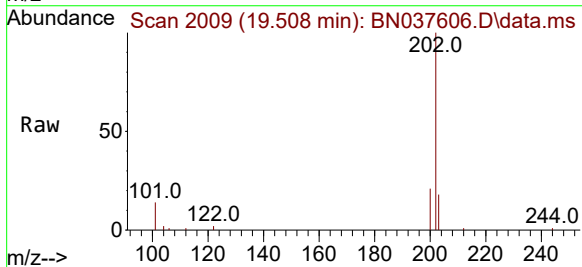
Concen: 0.415 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.005 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17



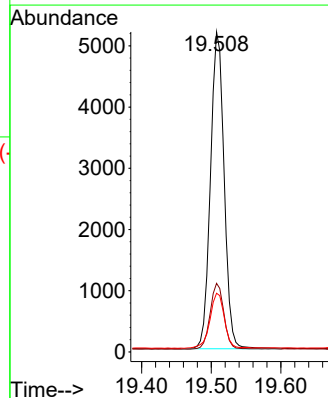
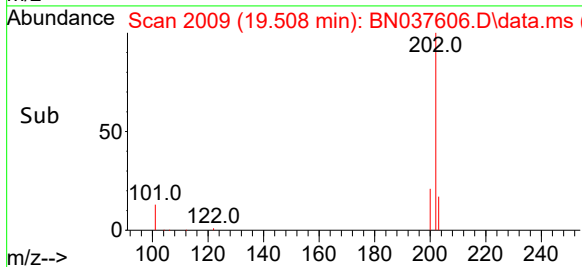
Tgt Ion:202 Resp: 7072

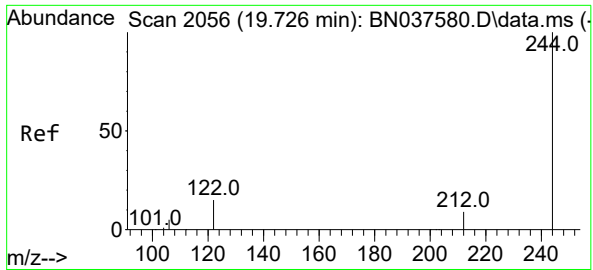
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

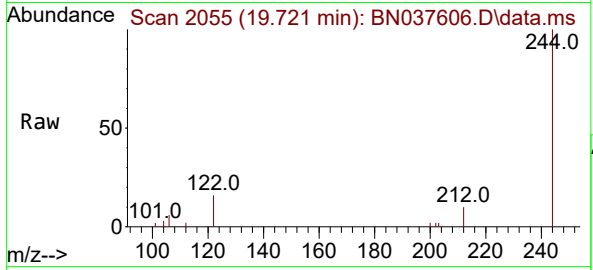
203 18.3 14.3 21.5





#31
Terphenyl-d14
Concen: 0.468 ng
RT: 19.721 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

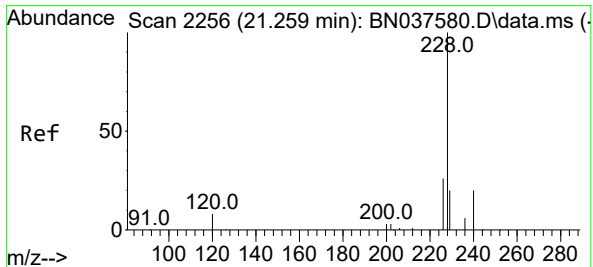
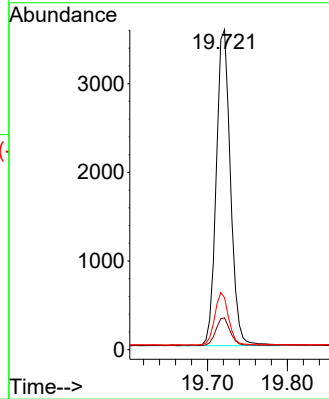
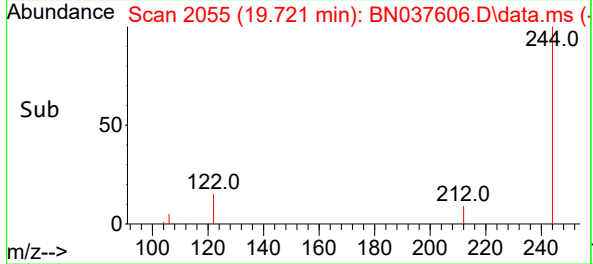
Instrument :
BNA_N
ClientSampleId :
MW-17B-55.5-08122025MSD



Tgt Ion:244 Resp: 439
Ion Ratio Lower Upper
244 100
212 10.0 8.2 12.2
122 16.2 13.2 19.8

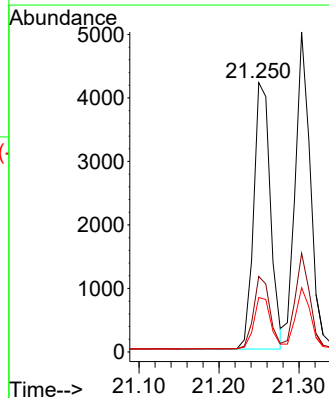
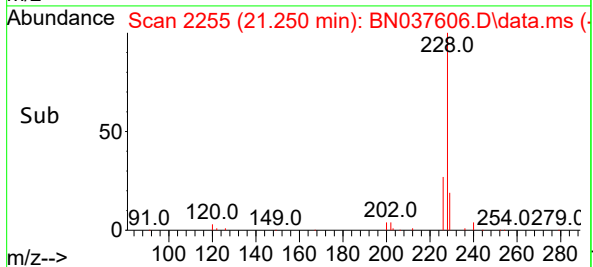
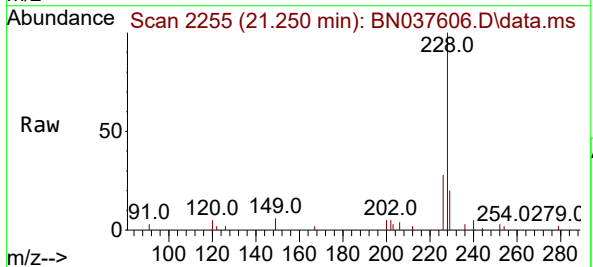
Manual Integrations
APPROVED

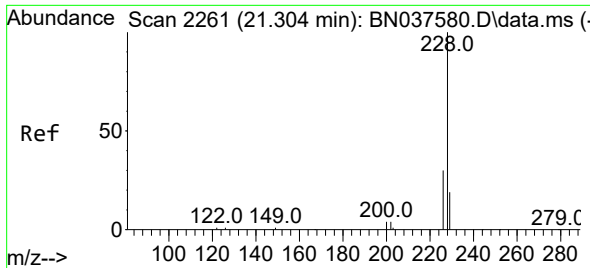
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025



#32
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.250 min Scan# 2255
Delta R.T. -0.009 min
Lab File: BN037606.D
Acq: 19 Aug 2025 14:17

Tgt Ion:228 Resp: 6132
Ion Ratio Lower Upper
228 100
226 28.0 21.5 32.3
229 20.2 16.5 24.7





#33

Chrysene

Concen: 0.394 ng

RT: 21.303 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037606.D

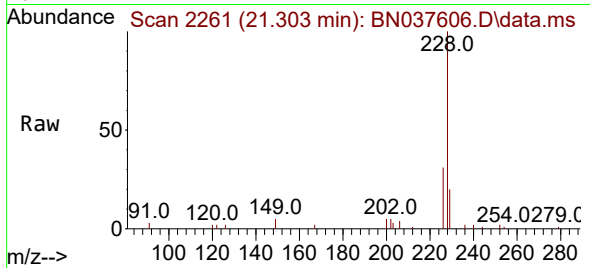
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:228 Resp: 6692

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

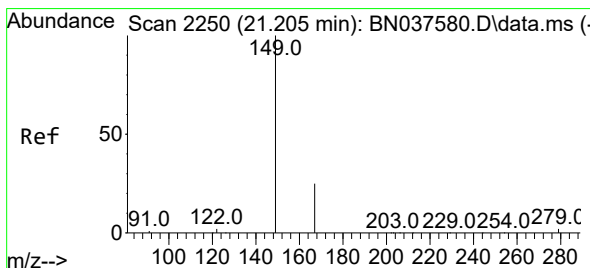
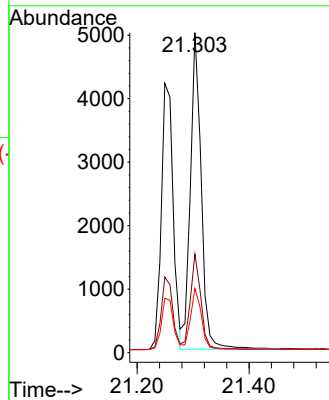
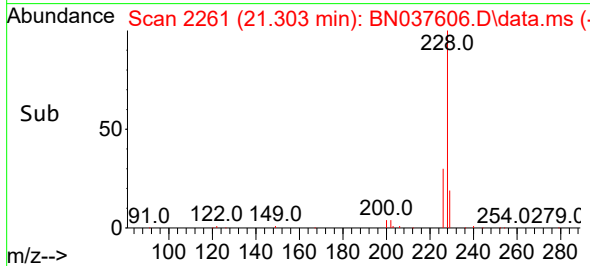
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.558 ng

RT: 21.205 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

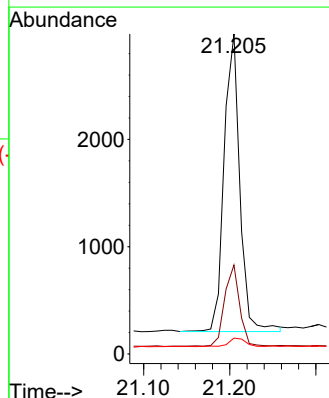
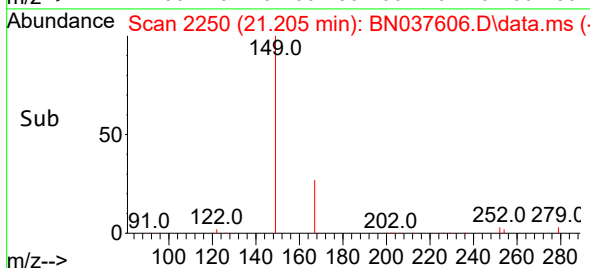
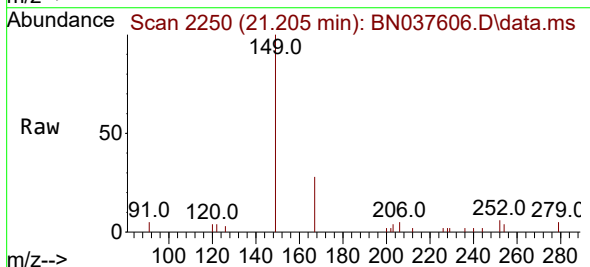
Tgt Ion:149 Resp: 3509

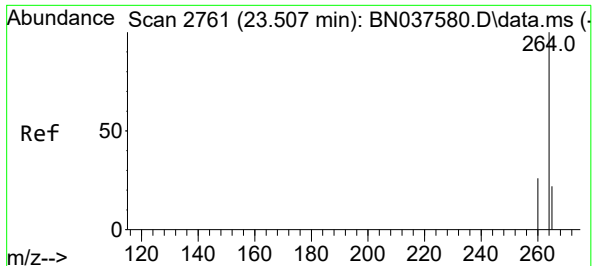
Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

279 3.1 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.504 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037606.D

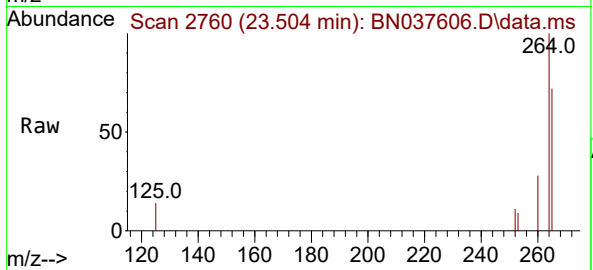
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:264 Resp: 393

Ion Ratio Lower Upper

264 100

260 27.6 21.6 32.4

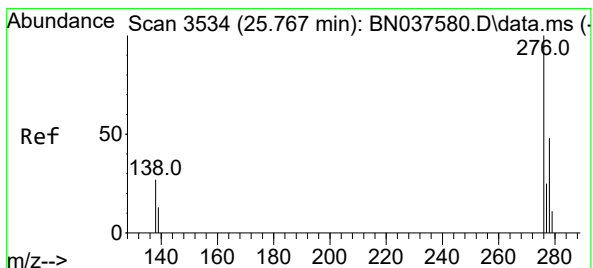
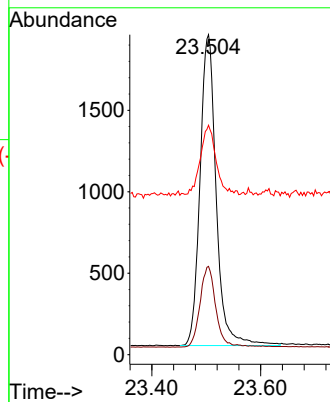
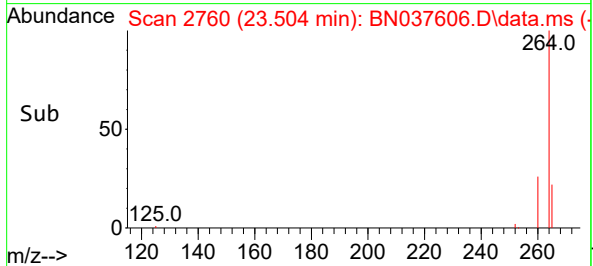
265 71.7 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.376 ng

RT: 25.761 min Scan# 3532

Delta R.T. -0.006 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17

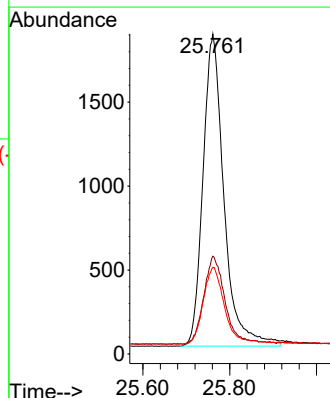
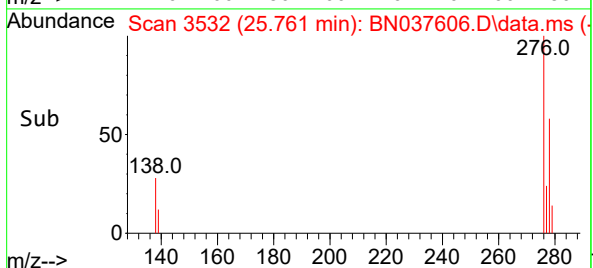
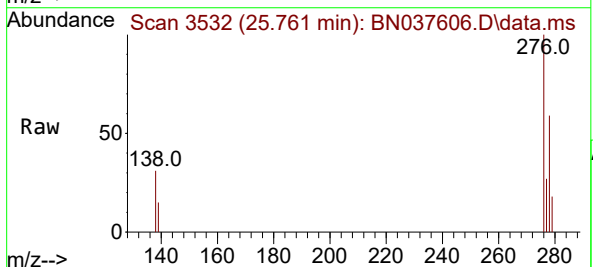
Tgt Ion:276 Resp: 6228

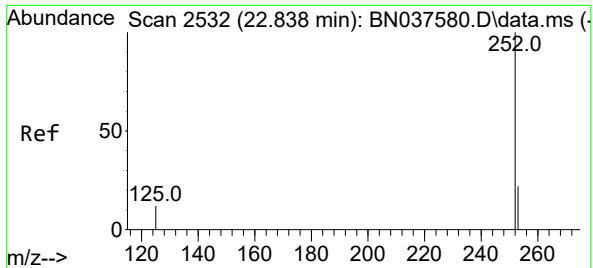
Ion Ratio Lower Upper

276 100

138 28.3 23.3 34.9

277 25.2 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.420 ng

RT: 22.832 min Scan# 2532

Delta R.T. -0.006 min

Lab File: BN037606.D

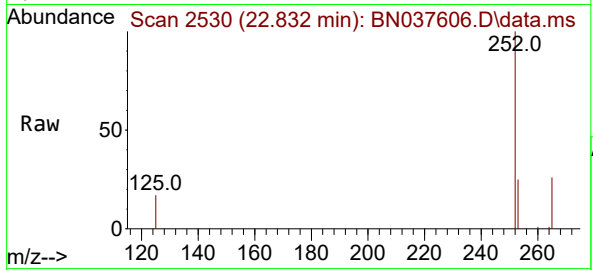
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:252 Resp: 626

Ion Ratio Lower Upper

252 100

253 25.2 20.0 30.0

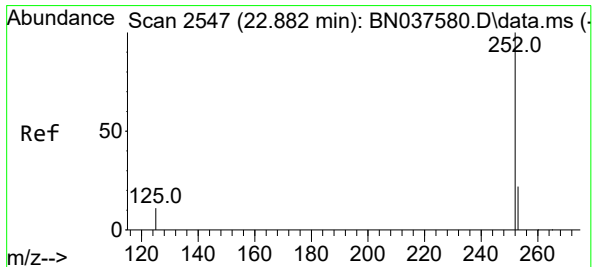
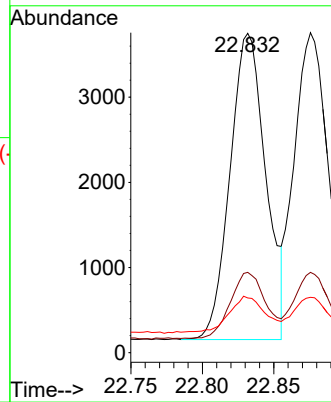
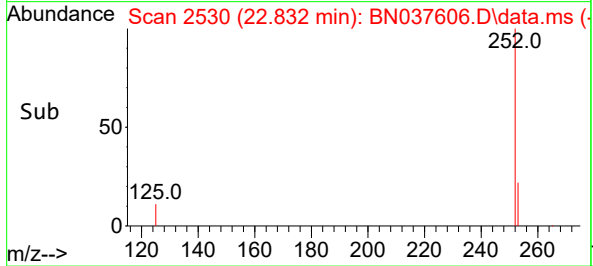
125 17.1 13.8 20.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#38

Benzo(k)fluoranthene

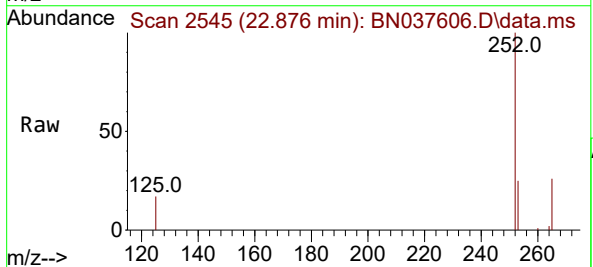
Concen: 0.373 ng

RT: 22.876 min Scan# 2545

Delta R.T. -0.006 min

Lab File: BN037606.D

Acq: 19 Aug 2025 14:17



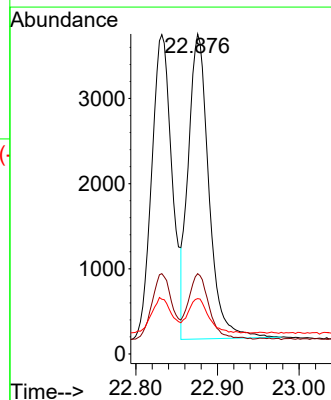
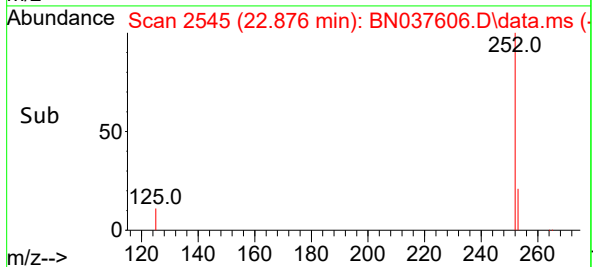
Tgt Ion:252 Resp: 6279

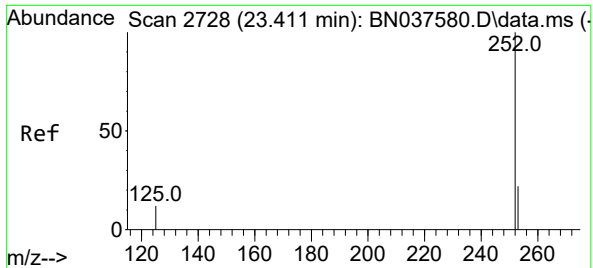
Ion Ratio Lower Upper

252 100

253 25.1 19.9 29.9

125 17.3 15.0 22.6





#39

Benzo(a)pyrene

Concen: 0.415 ng

RT: 23.405 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN037606.D

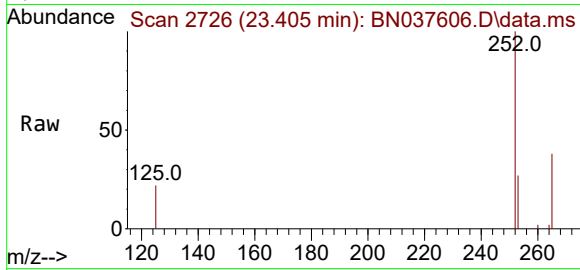
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



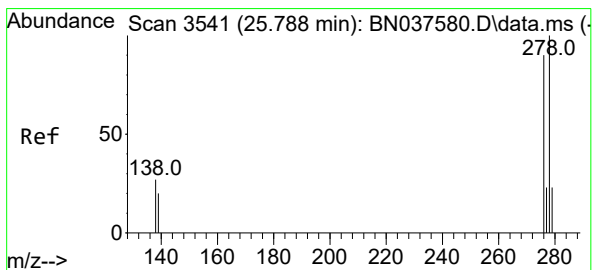
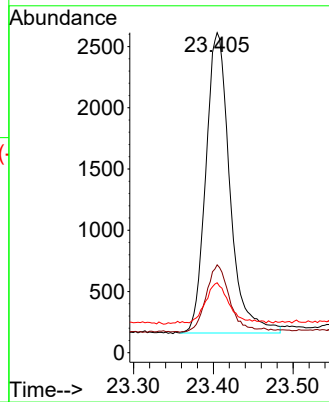
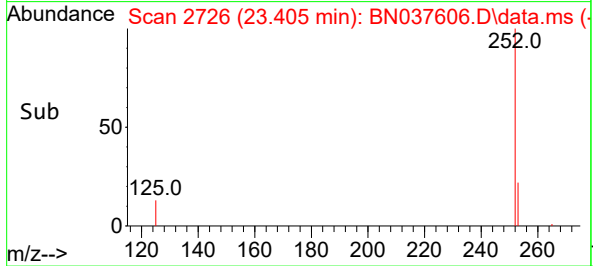
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.6	32.4
125	21.9	16.8	25.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025



#40

Dibenzo(a,h)anthracene

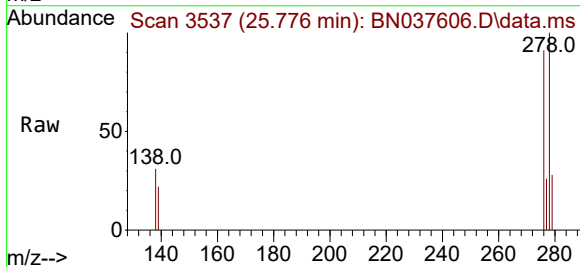
Concen: 0.369 ng

RT: 25.776 min Scan# 3537

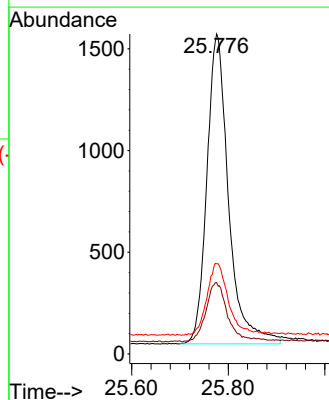
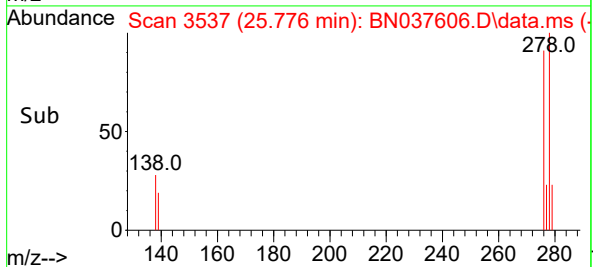
Delta R.T. -0.012 min

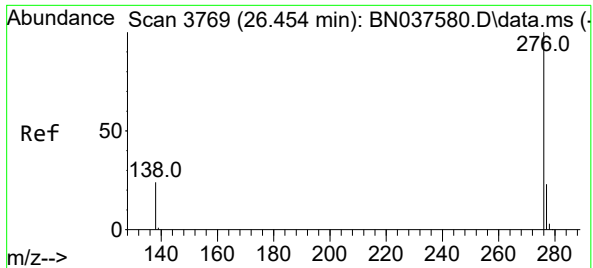
Lab File: BN037606.D

Acq: 19 Aug 2025 14:17



Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	18.3	27.5
279	28.2	22.5	33.7





#41

Benzo(g,h,i)perylene

Concen: 0.401 ng

RT: 26.445 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN037606.D

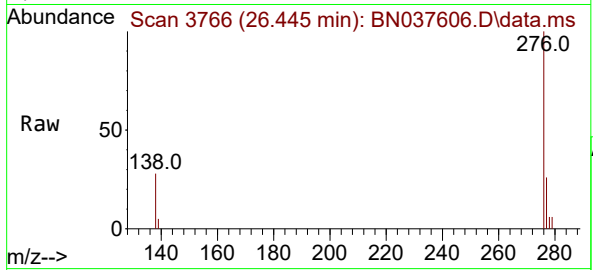
Acq: 19 Aug 2025 14:17

Instrument :

BNA_N

ClientSampleId :

MW-17B-55.5-08122025MSD



Tgt Ion:276 Resp: 543

Ion Ratio Lower Upper

276 100

277 26.2 21.0 31.4

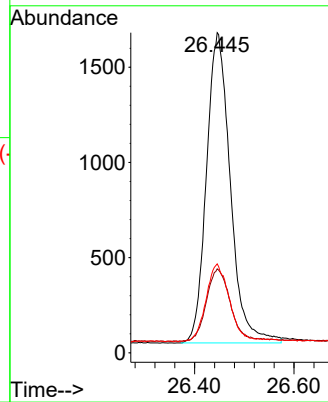
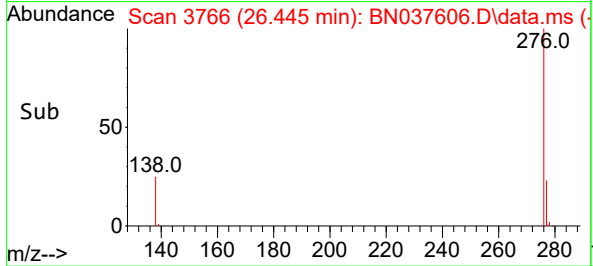
138 27.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/20/2025

Supervised By :Jagrut Upadhyay 08/20/2025





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

BN081225

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	bn081925	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2842-04MS	BN037605.D	2-Methylnaphthalene-d1 0	Rahul	8/20/2025 8:37:55 AM	Jagrut	8/20/2025 2:31:08 PM	Peak Integrated by Software
Q2842-05MSD	BN037606.D	2-Methylnaphthalene-d1 0	Rahul	8/20/2025 8:37:59 AM	Jagrut	8/20/2025 2:31:11 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037576.D	12 Aug 2025 15:05	RC/JU	Ok
2	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	RC/JU	Not Ok
3	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26	RC/JU	Ok
4	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03	RC/JU	Ok
5	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	RC/JU	Ok
6	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16	RC/JU	Ok
7	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52	RC/JU	Ok
8	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29	RC/JU	Ok
9	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	RC/JU	Ok
10	SSTDICV0.4	BN037585.D	12 Aug 2025 20:42	RC/JU	Ok
11	PB169094BL	BN037586.D	12 Aug 2025 21:55	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037599.D	19 Aug 2025 10:00	RC/JU	Ok
2	SSTDCCC0.4	BN037600.D	19 Aug 2025 10:39	RC/JU	Ok
3	PB169286BL	BN037601.D	19 Aug 2025 11:16	RC/JU	Not Ok
4	Q2842-01	BN037602.D	19 Aug 2025 11:52	RC/JU	Dilution
5	Q2842-02	BN037603.D	19 Aug 2025 12:28	RC/JU	Dilution
6	Q2842-03	BN037604.D	19 Aug 2025 13:04	RC/JU	Ok
7	Q2842-04MS	BN037605.D	19 Aug 2025 13:40	RC/JU	Ok,M
8	Q2842-05MSD	BN037606.D	19 Aug 2025 14:17	RC/JU	Ok,M
9	Q2842-06	BN037607.D	19 Aug 2025 14:53	RC/JU	Ok
10	Q2869-01	BN037608.D	19 Aug 2025 15:29	RC/JU	Dilution
11	Q2869-03	BN037609.D	19 Aug 2025 16:05	RC/JU	Ok
12	Q2869-04	BN037610.D	19 Aug 2025 16:42	RC/JU	Ok
13	Q2869-05	BN037611.D	19 Aug 2025 17:18	RC/JU	Ok
14	Q2869-07	BN037612.D	19 Aug 2025 17:54	RC/JU	Ok
15	Q2869-10	BN037613.D	19 Aug 2025 18:30	RC/JU	Ok
16	Q2878-01	BN037614.D	19 Aug 2025 19:07	RC/JU	Ok
17	Q2878-05	BN037615.D	19 Aug 2025 19:43	RC/JU	Dilution
18	SSTDCCC0.4	BN037616.D	19 Aug 2025 20:19	RC/JU	Ok
19	DFTPP	BN037617.D	20 Aug 2025 03:35	RC/JU	Ok
20	SSTDCCC0.4	BN037618.D	20 Aug 2025 04:14	RC/JU	Ok
21	PB169286BL	BN037619.D	20 Aug 2025 04:50	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2842-01DL	BN037620.D	20 Aug 2025 05:27	RC/JU	Ok
23	Q2842-02DL	BN037621.D	20 Aug 2025 06:03	RC/JU	Ok
24	Q2869-01DL	BN037622.D	20 Aug 2025 06:38	RC/JU	Ok
25	Q2881-01	BN037623.D	20 Aug 2025 07:13	RC/JU	Ok
26	Q2881-02	BN037624.D	20 Aug 2025 07:49	RC/JU	Ok
27	Q2882-01	BN037625.D	20 Aug 2025 08:25	RC/JU	Ok
28	Q2882-02	BN037626.D	20 Aug 2025 09:00	RC/JU	Ok
29	Q2882-03	BN037627.D	20 Aug 2025 09:37	RC/JU	Ok
30	Q2882-04	BN037628.D	20 Aug 2025 10:13	RC/JU	Ok
31	Q2878-05DL	BN037629.D	20 Aug 2025 10:49	RC/JU	Ok
32	PB169286BS	BN037630.D	20 Aug 2025 11:25	RC/JU	Ok
33	SSTDCCC0.4	BN037631.D	20 Aug 2025 14:56	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

Review By	Rahul	Review On	8/13/2025 11:25:23 AM
Supervise By	Jagrut	Supervise On	8/13/2025 11:26:50 AM
SubDirectory	BN081225	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037576.D	12 Aug 2025 15:05		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037577.D	12 Aug 2025 15:49	A Fresh Calibration is required	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037578.D	12 Aug 2025 16:26		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037579.D	12 Aug 2025 17:03		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037580.D	12 Aug 2025 17:39	Compound #20 kept on LR	RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037581.D	12 Aug 2025 18:16		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037582.D	12 Aug 2025 18:52		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037583.D	12 Aug 2025 19:29		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037584.D	12 Aug 2025 20:05	Comp #20,23,24 removed from 5ppm	RC/JU	Ok
10	SSTDICV0.4	ICVBN081225	BN037585.D	12 Aug 2025 20:42		RC/JU	Ok
11	PB169094BL	PB169094BL	BN037586.D	12 Aug 2025 21:55		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848
CCC	SP6846
Internal Standard/PEM	SP6830,1ul/100ul sample
ICV/I.BLK	SP6854
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037599.D	19 Aug 2025 10:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037600.D	19 Aug 2025 10:39		RC/JU	Ok
3	PB169286BL	PB169286BL	BN037601.D	19 Aug 2025 11:16	Not Used	RC/JU	Not Ok
4	Q2842-01	RMW-03B-90.4-081220	BN037602.D	19 Aug 2025 11:52	Need 2X.	RC/JU	Dilution
5	Q2842-02	RMW-02B-66.3-081220	BN037603.D	19 Aug 2025 12:28	Need 10X.	RC/JU	Dilution
6	Q2842-03	MW-17B-55.5-0812202	BN037604.D	19 Aug 2025 13:04		RC/JU	Ok
7	Q2842-04MS	MW-17B-55.5-0812202	BN037605.D	19 Aug 2025 13:40	Recovery fail very high , need noncon.	RC/JU	Ok,M
8	Q2842-05MSD	MW-17B-55.5-0812202	BN037606.D	19 Aug 2025 14:17	Recovery fail very high , need noncon.	RC/JU	Ok,M
9	Q2842-06	MW-06-6.5-08122025	BN037607.D	19 Aug 2025 14:53		RC/JU	Ok
10	Q2869-01	MW-19B-71.5-081325	BN037608.D	19 Aug 2025 15:29	Need 2X.	RC/JU	Dilution
11	Q2869-03	MW-01-6.5-081325	BN037609.D	19 Aug 2025 16:05		RC/JU	Ok
12	Q2869-04	MW-11A-13.5-081325	BN037610.D	19 Aug 2025 16:42		RC/JU	Ok
13	Q2869-05	MW-19B-71.5-081325	BN037611.D	19 Aug 2025 17:18		RC/JU	Ok
14	Q2869-07	EB01-081325	BN037612.D	19 Aug 2025 17:54		RC/JU	Ok
15	Q2869-10	EB02-081325	BN037613.D	19 Aug 2025 18:30		RC/JU	Ok
16	Q2878-01	MW-18B-57.5-081325	BN037614.D	19 Aug 2025 19:07		RC/JU	Ok
17	Q2878-05	MW-11A-37.5-081425	BN037615.D	19 Aug 2025 19:43	Need 20X.	RC/JU	Dilution

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

Review By	Rahul	Review On	8/21/2025 3:02:23 PM
Supervise By	Jagrut	Supervise On	8/21/2025 5:56:51 PM
SubDirectory	BN081925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn081225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6842,SP6843,SP6844,SP6845,SP6846,SP6847,SP6848		
CCC	SP6846		
Internal Standard/PEM	SP6830,1ul/100ul sample		
ICV/I.BLK	SP6854		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	SSTDCCC0.4	SSTDCCC0.4EC	BN037616.D	19 Aug 2025 20:19		RC/JU	Ok
19	DFTPP	DFTPP	BN037617.D	20 Aug 2025 03:35		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN037618.D	20 Aug 2025 04:14		RC/JU	Ok
21	PB169286BL	PB169286BL	BN037619.D	20 Aug 2025 04:50		RC/JU	Ok
22	Q2842-01DL	RMW-03B-90.4-081220	BN037620.D	20 Aug 2025 05:27		RC/JU	Ok
23	Q2842-02DL	RMW-02B-66.3-081220	BN037621.D	20 Aug 2025 06:03		RC/JU	Ok
24	Q2869-01DL	MW-19B-71.5-081325D	BN037622.D	20 Aug 2025 06:38		RC/JU	Ok
25	Q2881-01	RW8-SP100-20250814	BN037623.D	20 Aug 2025 07:13		RC/JU	Ok
26	Q2881-02	RW8-SP303-20250814	BN037624.D	20 Aug 2025 07:49		RC/JU	Ok
27	Q2882-01	RW7-SP100-20250814	BN037625.D	20 Aug 2025 08:25		RC/JU	Ok
28	Q2882-02	RW7-SP201-20250814	BN037626.D	20 Aug 2025 09:00		RC/JU	Ok
29	Q2882-03	RW7-SP302-20250814	BN037627.D	20 Aug 2025 09:37		RC/JU	Ok
30	Q2882-04	RW7-SP303-20250814	BN037628.D	20 Aug 2025 10:13		RC/JU	Ok
31	Q2878-05DL	MW-11A-37.5-081425D	BN037629.D	20 Aug 2025 10:49		RC/JU	Ok
32	PB169286BS	PB169286BS	BN037630.D	20 Aug 2025 11:25		RC/JU	Ok
33	SSTDCCC0.4	SSTDCCC0.4EC	BN037631.D	20 Aug 2025 14:56		RC/JU	Ok

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	08/18/2025
Matrix :	Water	Extraction Start Time :	08:41
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	08/18/2025
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	E3953	Extraction End Time :	13:45
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6855
Surrogate	1.0ML	0.4 PPM	SP6831
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3964
Baked Na2SO4	N/A	EP2632
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/18/25	RS (Ext Lab)	RC/svoc
13:50	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 08/18/2025

Sample ID	Client Sample ID	Test	g / ¹ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169286BL	SBLK286	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			SEP-1
PB169286BS	SLCS286	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			2
Q2842-01	RMW-03B-90.4-08122025	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1	E		3
Q2842-02	RMW-02B-66.3-08122025	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	E		4
Q2842-03	MW-17B-55.5-08122025	SVOC-SIMGrou p1	980	6	RUPEsh	ritesh	1	H		5
Q2842-04	Q2842-03MS	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1	H		6
Q2842-05	Q2842-03MSD	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	H		7
Q2842-06	MW-06-6.5-08122025	SVOC-SIMGrou p1	970	6	RUPEsh	ritesh	1	B		8
Q2869-01	MW-19B-71.5-081325	SVOC-SIMGrou p1	930	6	RUPEsh	ritesh	1	G		9
Q2869-03	MW-01-6.5-081325	SVOC-SIMGrou p1	900	6	RUPEsh	ritesh	1	C		10
Q2869-04	MW-11A-13.5-081325	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	C		11
Q2869-05	MW-19B-71.5-081325-FD	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	G		12
Q2869-07	EB01-081325	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1	G		13
Q2869-10	EB02-081325	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	C		14
Q2878-01	MW-18B-57.5-081325	SVOC-SIMGrou p1	900	6	RUPEsh	ritesh	1	C		15
Q2878-05	MW-11A-37.5-081425	SVOC-SIMGrou p1	950	6	RUPEsh	ritesh	1	C		16
Q2881-01	RW8-SP100-2025814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		SEP-1
Q2881-02	RW8-SP303-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		2
Q2882-01	RW7-SP100-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			3
Q2882-02	RW7-SP201-20250814	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			4
Q2882-03	RW7-SP302-20250814	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1			5
Q2882-04	RW7-SP303-20250814	SVOC-SIMGrou p1	940	6	RUPEsh	ritesh	1			6

669691
8:36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2842 WorkList ID : 191325 Department : Extraction Date : 08-18-2025 08:35:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2842-01	RMW-03B-90.4-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-02	RMW-02B-66.3-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-03	MW-17B-55.5-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-04	Q2842-03MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-05	Q2842-03MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2842-06	MW-06-6.5-081225	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J32	08/12/2025	8270-Modified
Q2869-01	MW-19B-71.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-03	MW-01-6.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-04	MW-11A-13.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-05	MW-19B-71.5-081325-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-07	EB01-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2869-10	EB02-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	J31	08/13/2025	8270-Modified
Q2878-01	MW-18B-57.5-081325	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D31	08/14/2025	8270-Modified
Q2878-05	MW-11A-37.5-081425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D31	08/14/2025	8270-Modified
Q2881-01	RW8-SP100-2025814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J32	08/14/2025	8270-Modified
Q2881-02	RW8-SP303-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J32	08/14/2025	8270-Modified
Q2882-01	RW7-SP100-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-02	RW7-SP201-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-03	RW7-SP302-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified
Q2882-04	RW7-SP303-20250814	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	J31	08/14/2025	8270-Modified

Date/Time 8/18/25 8:36
Raw Sample Received by: RS (Ex- Lab)
Raw Sample Relinquished by: JAS SM

Date/Time 8/18/25 9:00
Raw Sample Received by: JAS SM
Raw Sample Relinquished by: RS (Ex- Lab)



LAB CHRONICLE

OrderID:	Q2842	OrderDate:	8/13/2025 8:34:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	J23,J32,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2842-01	RMW-03B-90.4-08122 025	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/19/25	
Q2842-01DL	RMW-03B-90.4-08122 025DL	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/20/25	
Q2842-02	RMW-02B-66.3-08122 025	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/19/25	
Q2842-02DL	RMW-02B-66.3-08122 025DL	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/20/25	
Q2842-03	MW-17B-55.5-081220 25	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/19/25	
Q2842-06	MW-06-6.5-08122025	Water			08/12/25			08/12/25
			SVOC-SIMGroup1	8270-Modified		08/18/25	08/19/25	