

Hit Summary Sheet SW-846

SDG No.: Q3083
Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3S								
Q3083-03	MW3S	WATER	Acenaphthylene	0.040	J	0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Acenaphthene	5.500	E	0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Fluorene	1.000		0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Phenanthrene	0.320		0.03	0.1	ug/L
Q3083-03	MW3S	WATER	Anthracene	0.490		0.04	0.1	ug/L
Q3083-03	MW3S	WATER	Fluoranthene	0.770		0.03	0.1	ug/L
Q3083-03	MW3S	WATER	Pyrene	0.350		0.03	0.1	ug/L
Total Svoc :				8.47				
Total Concentration:				8.47				
Client ID : MW3SDL								
Q3083-03DL	MW3SDL	WATER	Acenaphthene	4.500	D	0.08	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Fluorene	0.770	D	0.08	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Phenanthrene	0.260	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Anthracene	0.380	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Fluoranthene	0.580	D	0.07	0.2	ug/L
Q3083-03DL	MW3SDL	WATER	Pyrene	0.280	D	0.06	0.2	ug/L
Total Svoc :				6.77				
Total Concentration:				6.77				



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037782.D	1	09/15/25 12:00	09/18/25 18:12	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.040	U	0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.040	J	0.040	0.10	ug/L
83-32-9	Acenaphthene	5.50	E	0.040	0.10	ug/L
86-73-7	Fluorene	1.00		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.32		0.030	0.10	ug/L
120-12-7	Anthracene	0.49		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.77		0.030	0.10	ug/L
129-00-0	Pyrene	0.35		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
218-01-9	Chrysene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.050	U	0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	89%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.44		30 (54) - 150 (157)	111%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.35		30 (27) - 130 (154)	88%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.36		30 (30) - 130 (155)	91%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.80	*	30 (54) - 130 (175)	199%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	6580	7.833			
1146-65-2	Naphthalene-d8	17800	10.637			
15067-26-2	Acenaphthene-d10	8900	14.484			
1517-22-2	Phenanthrene-d10	17400	17.235			
1719-03-5	Chrysene-d12	17800	21.411			
1520-96-3	Perylene-d12	19000	23.741			

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037782.D	1	09/15/25 12:00	09/18/25 18:12	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3SDL	SDG No.:	Q3083
Lab Sample ID:	Q3083-03DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037816.D	2	09/15/25 12:00	09/19/25 16:08	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.080	UD	0.080	0.20	ug/L
208-96-8	Acenaphthylene	0.080	UD	0.080	0.20	ug/L
83-32-9	Acenaphthene	4.50	D	0.080	0.20	ug/L
86-73-7	Fluorene	0.77	D	0.080	0.20	ug/L
85-01-8	Phenanthrene	0.26	D	0.070	0.20	ug/L
120-12-7	Anthracene	0.38	D	0.070	0.20	ug/L
206-44-0	Fluoranthene	0.58	D	0.070	0.20	ug/L
129-00-0	Pyrene	0.28	D	0.060	0.20	ug/L
56-55-3	Benzo(a)anthracene	0.070	UD	0.070	0.20	ug/L
218-01-9	Chrysene	0.070	UD	0.070	0.20	ug/L
205-99-2	Benzo(b)fluoranthene	0.070	UD	0.070	0.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.10	UD	0.10	0.20	ug/L
50-32-8	Benzo(a)pyrene	0.080	UD	0.080	0.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.090	UD	0.090	0.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.090	UD	0.090	0.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.080	UD	0.080	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.26		30 (20) - 150 (139)	66%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.33		30 (54) - 150 (157)	83%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (27) - 130 (154)	72%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (30) - 130 (155)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.65	*	30 (54) - 130 (175)	162%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	5940		7.832		
1146-65-2	Naphthalene-d8	13500		10.637		
15067-26-2	Acenaphthene-d10	6160		14.484		
1517-22-2	Phenanthrene-d10	11700		17.235		
1719-03-5	Chrysene-d12	10900		21.411		
1520-96-3	Perylene-d12	10900		23.744		

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3SDL	SDG No.:	Q3083
Lab Sample ID:	Q3083-03DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037816.D	2	09/15/25 12:00	09/19/25 16:08	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3083**

Client: **G Environmental**

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169693BL	PB169693BL	2-Methylnaphthalene-d10	0.4	0.33	82		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.32	80		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.38	96		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.36	90		30 (54)	130 (175)
PB169693BS	PB169693BS	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.29	73		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.37	92		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.32	81		30 (54)	130 (175)
Q3083-03	MW3S	2-Methylnaphthalene-d10	0.4	0.36	89		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.44	111		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	88		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	91		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.80	199	*	30 (54)	130 (175)
Q3083-03DL	MW3SDL	2-Methylnaphthalene-d10	0.4	0.26	66		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.29	72		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	75		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.65	162	*	30 (54)	130 (175)
Q3097-02MS	RE103D2-20250911MS	2-Methylnaphthalene-d10	0.4	0.28	70		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	87		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	81		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	107		30 (54)	130 (175)
Q3097-03MSD	RE103D2-20250911MSD	2-Methylnaphthalene-d10	0.4	0.28	70		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	76		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	101		30 (54)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3083

Analytical Method: SW8270-Modified

Client: G Environmental

DataFile: BN037772.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3097-02MS		Client Sample ID: RE103D2-20250911MS									
Naphthalene	0.4	0	0.32	ug/L	80				70 (62)	130 (119)	
Acenaphthylene	0.4	0	0.34	ug/L	85				70 (53)	130 (123)	
Acenaphthene	0.4	0	0.32	ug/L	80				70 (57)	130 (122)	
Fluorene	0.4	0	0.31	ug/L	78				70 (58)	130 (123)	
Phenanthrene	0.4	0	0.37	ug/L	93				70 (64)	130 (129)	
Anthracene	0.4	0	0.35	ug/L	88				70 (67)	130 (127)	
Fluoranthene	0.4	0	0.36	ug/L	90				70 (55)	130 (140)	
Pyrene	0.4	0	0.42	ug/L	105				70 (59)	130 (137)	
Benzo(a)anthracene	0.4	0	0.42	ug/L	105				70 (51)	130 (146)	
Chrysene	0.4	0	0.42	ug/L	105				70 (61)	130 (126)	
Benzo(b)fluoranthene	0.4	0	0.43	ug/L	108				70 (60)	130 (123)	
Benzo(k)fluoranthene	0.4	0	0.41	ug/L	103				70 (61)	130 (122)	
Benzo(a)pyrene	0.4	0	0.42	ug/L	105				70 (54)	130 (129)	
Indeno(1,2,3-cd)pyrene	0.4	0	0.46	ug/L	115				70 (50)	130 (134)	
Dibenz(a,h)anthracene	0.4	0	0.46	ug/L	115				70 (53)	130 (121)	
Benzo(g,h,i)perylene	0.4	0	0.44	ug/L	110				70 (44)	130 (132)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3083

Analytical Method: SW8270-Modified

Client: G Environmental

DataFile: BN037773.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3097-03MSD		Client Sample ID: RE103D2-20250911MSD									
Naphthalene	0.4	0	0.32	ug/L	80		0		70 (62)	130 (119)	20 (20)
Acenaphthylene	0.4	0	0.34	ug/L	85		0		70 (53)	130 (123)	20 (20)
Acenaphthene	0.4	0	0.32	ug/L	80		0		70 (57)	130 (122)	20 (20)
Fluorene	0.4	0	0.31	ug/L	78		0		70 (58)	130 (123)	20 (20)
Phenanthrene	0.4	0	0.38	ug/L	95	2			70 (64)	130 (129)	20 (20)
Anthracene	0.4	0	0.36	ug/L	90	2			70 (67)	130 (127)	20 (20)
Fluoranthene	0.4	0	0.38	ug/L	95	5			70 (55)	130 (140)	20 (20)
Pyrene	0.4	0	0.40	ug/L	100	5			70 (59)	130 (137)	20 (20)
Benzo(a)anthracene	0.4	0	0.41	ug/L	103	2			70 (51)	130 (146)	20 (20)
Chrysene	0.4	0	0.42	ug/L	105	0			70 (61)	130 (126)	20 (20)
Benzo(b)fluoranthene	0.4	0	0.42	ug/L	105	3			70 (60)	130 (123)	20 (20)
Benzo(k)fluoranthene	0.4	0	0.42	ug/L	105	2			70 (61)	130 (122)	20 (20)
Benzo(a)pyrene	0.4	0	0.43	ug/L	108	3			70 (54)	130 (129)	20 (20)
Indeno(1,2,3-cd)pyrene	0.4	0	0.47	ug/L	117	2			70 (50)	130 (134)	20 (20)
Dibenz(a,h)anthracene	0.4	0	0.46	ug/L	115	0			70 (53)	130 (121)	20 (20)
Benzo(g,h,i)perylene	0.4	0	0.43	ug/L	108	2			70 (44)	130 (132)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3083</u>	Analytical Method: <u>8270-Modified</u>
Client: <u>G Environmental</u>	DataFile: <u>BN037792.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169693BS	Naphthalene	0.4	0.34	ug/L	85				70 (67)	130 (120)		
	Acenaphthylene	0.4	0.36	ug/L	90				70 (60)	130 (119)		
	Acenaphthene	0.4	0.34	ug/L	85				70 (65)	130 (119)		
	Fluorene	0.4	0.31	ug/L	78				70 (58)	130 (122)		
	Phenanthrene	0.4	0.35	ug/L	88				70 (65)	130 (117)		
	Anthracene	0.4	0.34	ug/L	85				70 (57)	130 (118)		
	Fluoranthene	0.4	0.30	ug/L	75				70 (53)	130 (126)		
	Pyrene	0.4	0.33	ug/L	83				70 (54)	130 (124)		
	Benzo(a)anthracene	0.4	0.36	ug/L	90				70 (54)	130 (130)		
	Chrysene	0.4	0.36	ug/L	90				70 (64)	130 (126)		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				70 (65)	130 (121)		
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				70 (72)	130 (119)		
	Benzo(a)pyrene	0.4	0.40	ug/L	100				70 (68)	130 (120)		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				70 (70)	130 (127)		
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98				70 (65)	130 (121)		
	Benzo(g,h,i)perylene	0.4	0.40	ug/L	100				70 (76)	130 (117)		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169693BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3083

Lab File ID: BN037777.D

Lab Sample ID: PB169693BL

Instrument ID: BNA_N

Date Extracted: 09/15/2025

Matrix: (soil/water) Water

Date Analyzed: 09/18/2025

Level: (low/med) LOW

Time Analyzed: 15:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW3S	Q3083-03	BN037782.D	09/18/2025
PB169693BS	PB169693BS	BN037792.D	09/19/2025
RE103D2-20250911MS	Q3097-02MS	BN037772.D	09/18/2025
RE103D2-20250911MSD	Q3097-03MSD	BN037773.D	09/18/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037689.D
Instrument ID: BNA_N

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 07:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1) 1
69	Mass 69 relative abundance	36.7
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	6.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	71
443	15.0 - 24.0% of mass 442	14.5 (20.4) 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	BN037691.D	09/11/2025	09:56
SSTDICC0.2	SSTDICC0.2	BN037692.D	09/11/2025	10:32
SSTDICCC0.4	SSTDICCC0.4	BN037693.D	09/11/2025	11:08
SSTDICC0.8	SSTDICC0.8	BN037694.D	09/11/2025	11:44
SSTDICC1.6	SSTDICC1.6	BN037695.D	09/11/2025	12:20
SSTDICC3.2	SSTDICC3.2	BN037696.D	09/11/2025	12:56
SSTDICC5.0	SSTDICC5.0	BN037697.D	09/11/2025	13:33

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037758.D
Instrument ID: BNA_N

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/18/2025
DFTPP Injection Time: 02:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	37.4
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	3.3
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.5 (19.9) 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	BN037759.D	09/18/2025	02:46
RE103D2-20250911MS	Q3097-02MS	BN037772.D	09/18/2025	11:48
RE103D2-20250911MSD	Q3097-03MSD	BN037773.D	09/18/2025	12:25

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037775.D
Instrument ID: BNA_N

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/18/2025
DFTPP Injection Time: 13:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.3
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	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	85.7
443	15.0 - 24.0% of mass 442	16.2 (18.9) 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	BN037776.D	09/18/2025	14:32
PB169693BL	PB169693BL	BN037777.D	09/18/2025	15:10
MW3S	Q3083-03	BN037782.D	09/18/2025	18:12
PB169693BS	PB169693BS	BN037792.D	09/19/2025	00:16

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN037812.D
Instrument ID: BNA_N

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/19/2025
DFTPP Injection Time: 13:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	39
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	6.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	79.5
443	15.0 - 24.0% of mass 442	15.9 (20.1) 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	BN037813.D	09/19/2025	14:19
MW3SDL	Q3083-03DL	BN037816.D	09/19/2025	16:08

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3083

Client ID : SSTDCCC0.4

Date Analyzed: 09/18/2025

Lab File ID: BN037759.D

Time Analyzed: 02:46

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	8012	7.833	21664	10.64	10192	14.48
UPPER LIMIT	16024	8.333	43328	11.137	20384	14.984
LOWER LIMIT	4006	7.333	10832	10.137	5096	13.984
EPA SAMPLE NO.						
01 RE103D2-20250911MS	7218	7.83	19437	10.64	8792	14.48
02 RE103D2-20250911MSD	7159	7.83	19099	10.64	8494	14.48

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.: Q3083

Client ID: SSTDCCC0.4

Date Analyzed: 09/18/2025

Lab File ID: BN037759.D

Time Analyzed: 02:46

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	18613	17.235	16797	21.411	18043	23.741
UPPER LIMIT	37226	17.735	33594	21.911	36086	24.241
LOWER LIMIT	9306.5	16.735	8398.5	20.911	9021.5	23.241
EPA SAMPLE NO.						
01 RE103D2-20250911MS	14560	17.24	11077	21.41	10712	23.74
02 RE103D2-20250911MSD	14218	17.24	11982	21.41	11726	23.75

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.: Q3083

Client ID : SSTDCCC0.4

Date Analyzed: 09/18/2025

Lab File ID: BN037776.D

Time Analyzed: 14:32

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	7127	7.833	18984	10.64	8698	14.48
UPPER LIMIT	14254	8.333	37968	11.137	17396	14.984
LOWER LIMIT	3563.5	7.333	9492	10.137	4349	13.984
EPA SAMPLE NO.						
01 PB169693BL	6667	7.84	17045	10.64	7049	14.48
02 PB169693BS	7441	7.83	19392	10.64	8149	14.48
03 MW3S	6579	7.83	17764	10.64	8899	14.48

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.: Q3083

Client ID: SSTDCCC0.4

Date Analyzed: 09/18/2025

Lab File ID: BN037776.D

Time Analyzed: 14:32

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	14526	17.235	10438	21.411	10600	23.744
UPPER LIMIT	29052	17.735	20876	21.911	21200	24.244
LOWER LIMIT	7263	16.735	5219	20.911	5300	23.244
EPA SAMPLE NO.						
01 PB169693BL	11652	17.24	9221	21.41	9002	23.75
02 PB169693BS	12386	17.24	10095	21.41	10200	23.74
03 MW3S	17415	17.24	17835	21.41	19008	23.74

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.: Q3083

Client ID : SSTDCCC0.4

Date Analyzed: 09/19/2025

Lab File ID: BN037813.D

Time Analyzed: 14:19

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	4812	7.833	12410	10.64	5585	14.48
UPPER LIMIT	9624	8.333	24820	11.137	11170	14.984
LOWER LIMIT	2406	7.333	6205	10.137	2792.5	13.984
EPA SAMPLE NO.						
01 MW3SDL	5937	7.83	13519	10.64	6156	14.48

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.: Q3083

Client ID: SSTDCCC0.4

Date Analyzed: 09/19/2025

Lab File ID: BN037813.D

Time Analyzed: 14:19

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	9638	17.235	8466	21.411	8084	23.739
UPPER LIMIT	19276	17.735	16932	21.911	16168	24.239
LOWER LIMIT	4819	16.735	4233	20.911	4042	23.239
EPA SAMPLE NO.						
01 MW3SDL	11729	17.24	10935	21.41	10906	23.74

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:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169693BL	SDG No.:	Q3083
Lab Sample ID:	PB169693BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037777.D	1	09/15/25 12:00	09/18/25 15:10	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.040	U	0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.040	U	0.040	0.10	ug/L
83-32-9	Acenaphthene	0.040	U	0.040	0.10	ug/L
86-73-7	Fluorene	0.040	U	0.040	0.10	ug/L
85-01-8	Phenanthrene	0.030	U	0.030	0.10	ug/L
120-12-7	Anthracene	0.040	U	0.040	0.10	ug/L
206-44-0	Fluoranthene	0.030	U	0.030	0.10	ug/L
129-00-0	Pyrene	0.030	U	0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
218-01-9	Chrysene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.050	U	0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.050	U	0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.32		30 (54) - 150 (157)	80%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.38		30 (27) - 130 (154)	96%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	99%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		30 (54) - 130 (175)	90%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	6670	7.84			
1146-65-2	Naphthalene-d8	17000	10.637			
15067-26-2	Acenaphthene-d10	7050	14.484			
1517-22-2	Phenanthrene-d10	11700	17.236			
1719-03-5	Chrysene-d12	9220	21.411			
1520-96-3	Perylene-d12	9000	23.75			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169693BL	SDG No.:	Q3083
Lab Sample ID:	PB169693BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037777.D	1	09/15/25 12:00	09/18/25 15:10	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169693BS	SDG No.:	Q3083
Lab Sample ID:	PB169693BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037792.D	1	09/15/25 12:00	09/19/25 00:16	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.34		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.36		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.34		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.35		0.030	0.10	ug/L
120-12-7	Anthracene	0.34		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.30		0.030	0.10	ug/L
129-00-0	Pyrene	0.33		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.36		0.040	0.10	ug/L
218-01-9	Chrysene	0.36		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.40		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.31		30 (20) - 150 (139)	77%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.29		30 (54) - 150 (157)	73%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.37		30 (30) - 130 (155)	92%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.32		30 (54) - 130 (175)	81%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7440	7.833			
1146-65-2	Naphthalene-d8	19400	10.637			
15067-26-2	Acenaphthene-d10	8150	14.484			
1517-22-2	Phenanthrene-d10	12400	17.235			
1719-03-5	Chrysene-d12	10100	21.411			
1520-96-3	Perylene-d12	10200	23.738			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169693BS	SDG No.:	Q3083
Lab Sample ID:	PB169693BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037792.D	1	09/15/25 12:00	09/19/25 00:16	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MS	SDG No.:	Q3083
Lab Sample ID:	Q3097-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037772.D	1	09/15/25 12:00	09/18/25 11:48	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.32		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.34		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.32		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.37		0.030	0.10	ug/L
120-12-7	Anthracene	0.35		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.36		0.030	0.10	ug/L
129-00-0	Pyrene	0.42		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.040	0.10	ug/L
218-01-9	Chrysene	0.42		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	70%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	87%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	81%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (30) - 130 (155)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	107%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7220	7.833			
1146-65-2	Naphthalene-d8	19400	10.637			
15067-26-2	Acenaphthene-d10	8790	14.484			
1517-22-2	Phenanthrene-d10	14600	17.236			
1719-03-5	Chrysene-d12	11100	21.411			
1520-96-3	Perylene-d12	10700	23.744			

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MS	SDG No.:	Q3083
Lab Sample ID:	Q3097-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037772.D	1	09/15/25 12:00	09/18/25 11:48	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MSD	SDG No.:	Q3083
Lab Sample ID:	Q3097-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037773.D	1	09/15/25 12:00	09/18/25 12:25	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.32		0.040	0.10	ug/L
208-96-8	Acenaphthylene	0.34		0.040	0.10	ug/L
83-32-9	Acenaphthene	0.32		0.040	0.10	ug/L
86-73-7	Fluorene	0.31		0.040	0.10	ug/L
85-01-8	Phenanthrene	0.38		0.030	0.10	ug/L
120-12-7	Anthracene	0.36		0.040	0.10	ug/L
206-44-0	Fluoranthene	0.38		0.030	0.10	ug/L
129-00-0	Pyrene	0.40		0.030	0.10	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.040	0.10	ug/L
218-01-9	Chrysene	0.42		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.42		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.040	0.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.47		0.050	0.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.050	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	70%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	90%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.41		30 (54) - 130 (175)	101%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	7160	7.833			
1146-65-2	Naphthalene-d8	19100	10.637			
15067-26-2	Acenaphthene-d10	8490	14.484			
1517-22-2	Phenanthrene-d10	14200	17.235			
1719-03-5	Chrysene-d12	12000	21.411			
1520-96-3	Perylene-d12	11700	23.747			

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/12/25
Client Sample ID:	RE103D2-20250911MSD	SDG No.:	Q3083
Lab Sample ID:	Q3097-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIM
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
BN037773.D	1	09/15/25 12:00	09/18/25 12:25	PB169693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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-BN091125.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 11 14:20:01 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN037691.D 0.2 =BN037692.D 0.4 =BN037693.D 0.8 =BN037694.D 1.6 =BN037695.D 3.2 =BN037696.D 5 =BN037697.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	0.429	0.422	0.411	0.432	0.418	0.388	0.417	3.80	
3)	n-Nitrosodimet...	0.530	0.564	0.515	0.556	0.550	0.551	0.544	3.34	
4) S	2-Fluorophenol	0.929	0.913	0.892	0.840	0.912	0.937	1.004	0.918	5.37
5) S	Phenol-d6	1.191	1.193	1.156	1.088	1.193	1.225	1.289	1.191	5.15
6)	bis(2-Chloroet...	1.076	1.075	1.070	1.019	1.078	1.066	1.063	1.064	1.94
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.287	0.279	0.285	0.272	0.296	0.303	0.325	0.293	6.05
9)	Naphthalene	1.091	1.072	1.074	1.036	1.117	1.115	1.149	1.093	3.38
10)	Hexachlorobuta...	0.199	0.196	0.197	0.189	0.203	0.199	0.202	0.198	2.29
11) SURR	2-Methylnaphth...	0.497	0.497	0.498	0.478	0.522	0.550	0.668	0.530	12.31
12)	2-Methylnaphth...	0.643	0.651	0.659	0.633	0.697	0.712	0.740	0.676	5.91
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.088	0.098	0.101	0.096	0.113	0.131	0.104	14.74	
15) S	2-Fluorobiphenyl	1.663	1.666	1.649	1.586	1.689	1.674	1.785	1.673	3.54
16)	Acenaphthylene	1.754	1.756	1.783	1.727	1.885	1.916	2.020	1.834	5.90
17)	Acenaphthene	1.165	1.199	1.215	1.187	1.272	1.296	1.348	1.240	5.37
18)	Fluorene	1.404	1.402	1.441	1.419	1.545	1.633	1.671	1.502	7.59
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.032	0.033	0.033	0.040	0.046	0.037	16.34		
21)	4-Bromophenyl-...	0.250	0.252	0.251	0.248	0.272	0.269	0.284	0.261	5.43
22)	Hexachlorobenzene	0.301	0.308	0.294	0.280	0.305	0.302	0.310	0.300	3.39
23)	Atrazine	0.145	0.151	0.152	0.146	0.169	0.190	0.209	0.166	15.00
24)	Pentachlorophenol	0.074	0.074	0.073	0.086	0.100	0.115	0.087	19.46	
25)	Phenanthrene	1.228	1.215	1.223	1.173	1.285	1.321	1.371	1.259	5.47
26)	Anthracene	1.038	1.029	1.070	1.030	1.140	1.221	1.281	1.116	9.09
27) SURR	Fluoranthene-d10	0.912	0.887	0.935	0.883	0.954	1.108	1.350	1.004	16.98
28)	Fluoranthene	1.257	1.224	1.310	1.269	1.393	1.578	1.637	1.381	11.91
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.578	1.618	1.557	1.473	1.603	1.542	1.590	1.566	3.09
31) S	Terphenyl-d14	0.806	0.833	0.801	0.754	0.812	0.784	0.892	0.812	5.30
32)	Benzo(a)anthra...	1.386	1.345	1.347	1.297	1.410	1.459	1.522	1.395	5.46
33)	Chrysene	1.523	1.491	1.496	1.402	1.510	1.506	1.543	1.496	3.01
34)	Bis(2-ethylhex...	0.440	0.376	0.345	0.380	0.438	0.504	0.414	13.96	
35) I	Perylene-d12	-----ISTD-----								

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

Method File : 8270-SIM-BN091125.M

36)	Indeno(1,2,3-c...	1.517	1.491	1.543	1.532	1.791	1.865	2.025	1.681	12.58
37)	Benzo(b)fluora...	1.463	1.475	1.554	1.444	1.636	1.674	1.778	1.575	7.99
38)	Benzo(k)fluora...	1.516	1.543	1.524	1.501	1.705	1.696	1.756	1.606	6.73
39) C	Benzo(a)pyrene	1.155	1.172	1.201	1.151	1.314	1.367	1.467	1.261	9.78
40)	Dibenzo(a,h)an...	1.157	1.175	1.210	1.232	1.463	1.519	1.636	1.342	14.39
41)	Benzo(g,h,i)pe...	1.413	1.402	1.451	1.375	1.568	1.607	1.723	1.506	8.59

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/18/2025 02:46</u>
Lab File ID:	<u>BN037759.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:56 13:33</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.511		-3.6	20.0
Fluoranthene-d10	1.004	0.949		-5.5	20.0
2-Fluorophenol	0.918	0.939		2.3	20.0
Phenol-d6	1.191	1.179		-1.0	20.0
Nitrobenzene-d5	0.293	0.286		-2.4	20.0
Naphthalene	1.093	1.062		-2.8	20.0
2-Fluorobiphenyl	1.673	1.646		-1.6	20.0
Acenaphthylene	1.834	1.743		-5.0	20.0
Acenaphthene	1.240	1.204		-2.9	20.0
Fluorene	1.502	1.421		-5.4	20.0
2,4,6-Tribromophenol	0.104	0.120		15.4	20.0
Phenanthrene	1.259	1.218		-3.3	20.0
Anthracene	1.116	1.073		-3.9	20.0
Fluoranthene	1.381	1.338		-3.1	20.0
Pyrene	1.566	1.487		-5.0	20.0
Terphenyl-d14	0.812	0.735		-9.5	20.0
Benzo (a) anthracene	1.395	1.368		-1.9	20.0
Chrysene	1.496	1.485		-0.7	20.0
Benzo (b) fluoranthene	1.575	1.500		-4.8	20.0
Benzo (k) fluoranthene	1.606	1.567		-2.4	20.0
Benzo (a) pyrene	1.261	1.217		-3.5	20.0
Indeno (1,2,3-cd) pyrene	1.681	1.811		7.7	20.0
Dibenzo (a,h) anthracene	1.342	1.448		7.9	20.0
Benzo (g,h,i) perylene	1.506	1.515		0.6	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/18/2025 14:32</u>
Lab File ID:	<u>BN037776.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:56 13:33</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.497		-6.2	20.0
Fluoranthene-d10	1.004	0.839		-16.4	20.0
2-Fluorophenol	0.918	0.890		-3.0	20.0
Phenol-d6	1.191	1.130		-5.1	20.0
Nitrobenzene-d5	0.293	0.298		1.7	20.0
Naphthalene	1.093	1.070		-2.1	20.0
2-Fluorobiphenyl	1.673	1.679		0.4	20.0
Acenaphthylene	1.834	1.744		-4.9	20.0
Acenaphthene	1.240	1.206		-2.7	20.0
Fluorene	1.502	1.397		-7.0	20.0
2,4,6-Tribromophenol	0.104	0.114		9.6	20.0
Phenanthrene	1.259	1.222		-2.9	20.0
Anthracene	1.116	1.047		-6.2	20.0
Fluoranthene	1.381	1.201		-13.0	20.0
Pyrene	1.566	1.637		4.5	20.0
Terphenyl-d14	0.812	0.801		-1.4	20.0
Benzo (a) anthracene	1.395	1.328		-4.8	20.0
Chrysene	1.496	1.528		2.1	20.0
Benzo (b) fluoranthene	1.575	1.525		-3.2	20.0
Benzo (k) fluoranthene	1.606	1.612		0.4	20.0
Benzo (a) pyrene	1.261	1.241		-1.6	20.0
Indeno (1,2,3-cd) pyrene	1.681	1.837		9.3	20.0
Dibenzo (a,h) anthracene	1.342	1.463		9.0	20.0
Benzo (g,h,i) perylene	1.506	1.555		3.3	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>09/19/2025 14:19</u>
Lab File ID:	<u>BN037813.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>09:56 13:33</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.530	0.473		-10.8	20.0
Fluoranthene-d10	1.004	0.897		-10.7	20.0
2-Fluorophenol	0.918	0.947		3.2	20.0
Phenol-d6	1.191	1.079		-9.4	20.0
Nitrobenzene-d5	0.293	0.284		-3.1	20.0
Naphthalene	1.093	1.055		-3.5	20.0
2-Fluorobiphenyl	1.673	1.589		-5.0	20.0
Acenaphthylene	1.834	1.643		-10.4	20.0
Acenaphthene	1.240	1.149		-7.3	20.0
Fluorene	1.502	1.334		-11.2	20.0
2,4,6-Tribromophenol	0.104	0.121		16.3	20.0
Phenanthrene	1.259	1.201		-4.6	20.0
Anthracene	1.116	1.032		-7.5	20.0
Fluoranthene	1.381	1.286		-6.9	20.0
Pyrene	1.566	1.455		-7.1	20.0
Terphenyl-d14	0.812	0.730		-10.1	20.0
Benzo (a) anthracene	1.395	1.279		-8.3	20.0
Chrysene	1.496	1.448		-3.2	20.0
Benzo (b) fluoranthene	1.575	1.562		-0.8	20.0
Benzo (k) fluoranthene	1.606	1.543		-3.9	20.0
Benzo (a) pyrene	1.261	1.211		-4.0	20.0
Indeno (1,2,3-cd) pyrene	1.681	1.670		-0.7	20.0
Dibenzo (a,h) anthracene	1.342	1.263		-5.9	20.0
Benzo (g,h,i) perylene	1.506	1.486		-1.3	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037782.D
 Acq On : 18 Sep 2025 18:12
 Operator : RC/JU
 Sample : Q3083-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3S

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Sep 18 18:40:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

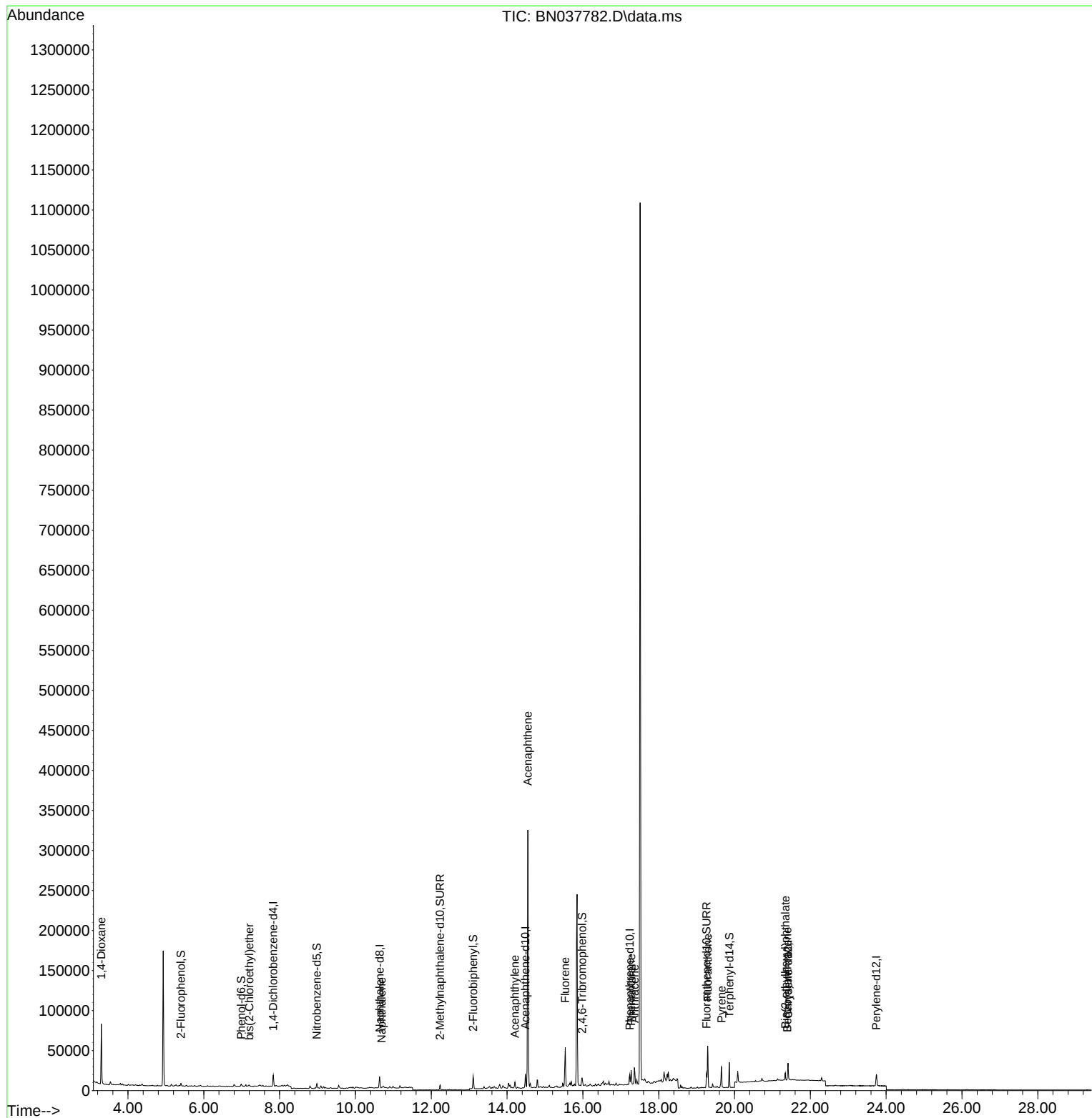
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6579	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17764	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8899	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	17415	0.400	ng	0.00
29) Chrysene-d12	21.411	240	17835	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	19008	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2772	0.184	ng	0.00
5) Phenol-d6	6.988	99	2548	0.130	ng	0.00
8) Nitrobenzene-d5	8.982	82	4565	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8353	0.355	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	1646	0.709	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	13500	0.363	ng	-0.01
27) Fluoranthene-d10	19.262	212	19350	0.443	ng	0.00
31) Terphenyl-d14	19.861	244	28826	0.796	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	42725	6.235	ng	95
6) bis(2-Chloroethyl)ether	7.197	93	750	0.043	ng	# 37
9) Naphthalene	10.690	128	1060	0.022	ng	# 60
16) Acenaphthylene	14.206	152	1793	0.044	ng	# 41
17) Acenaphthene	14.548	154	152410	5.523	ng	97
18) Fluorene	15.535	166	33401	0.999	ng	93
25) Phenanthrene	17.273	178	17293	0.315	ng	96
26) Anthracene	17.360	178	23665	0.487	ng	97
28) Fluoranthene	19.294	202	46498	0.773	ng	99
30) Pyrene	19.657	202	24513	0.351	ng	# 90
32) Benzo(a)anthracene	21.393	228	1311	0.021	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.340	149	9051	0.491	ng	98

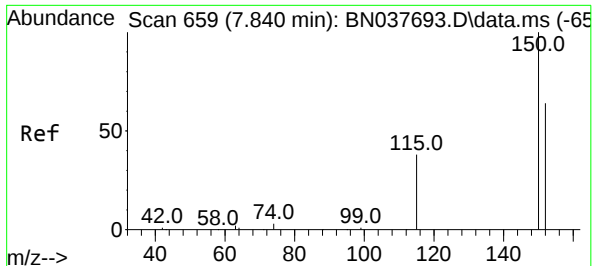
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037782.D
Acq On : 18 Sep 2025 18:12
Operator : RC/JU
Sample : Q3083-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3S

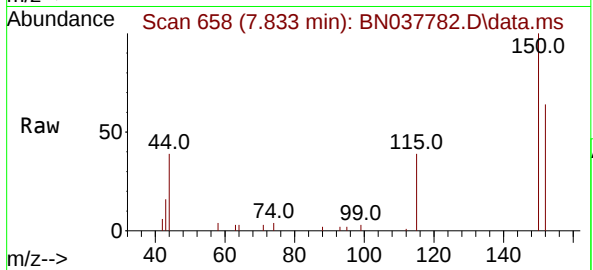
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



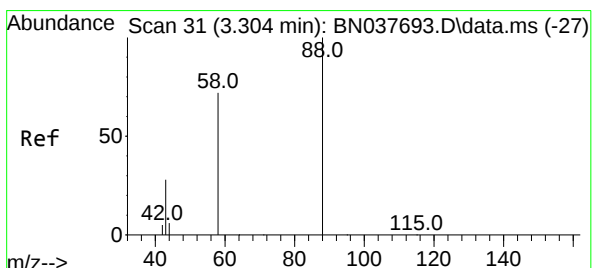
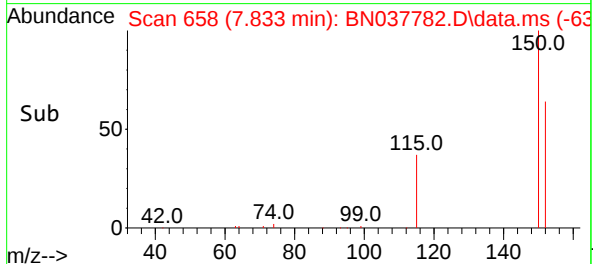
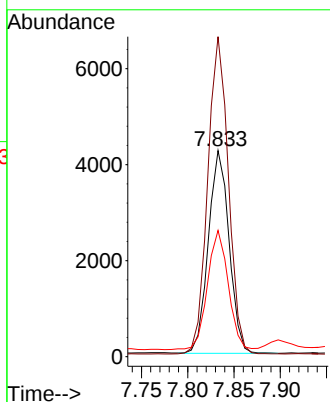


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Instrument :
BNA_N
ClientSampleId :
MW3S

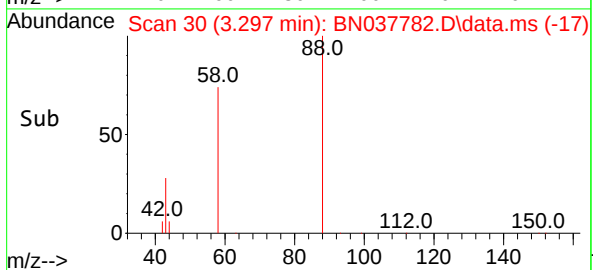
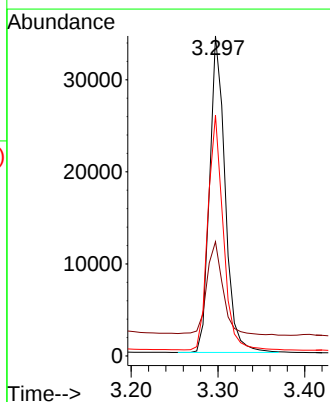
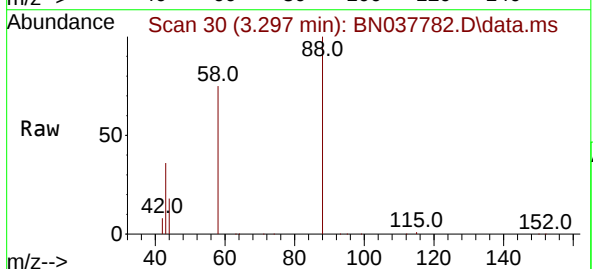


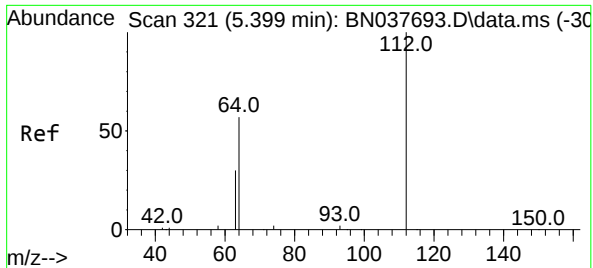
Tgt Ion: 152 Resp: 6579
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 61.2 49.2 73.8



#2
1,4-Dioxane
Concen: 6.235 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 88 Resp: 42725
Ion Ratio Lower Upper
88 100
43 31.2 26.8 40.2
58 73.3 61.9 92.9

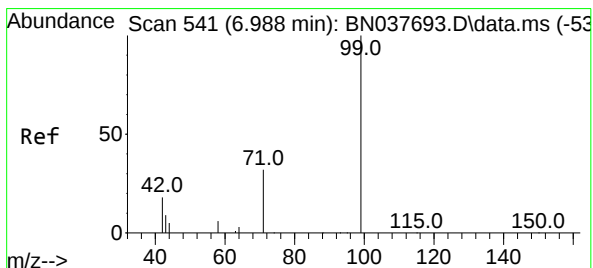
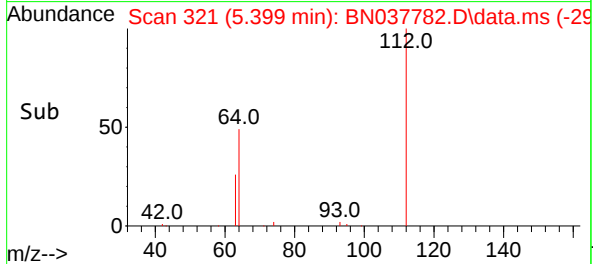
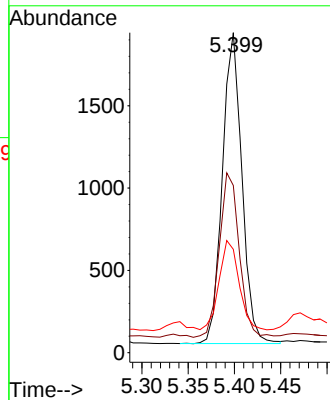
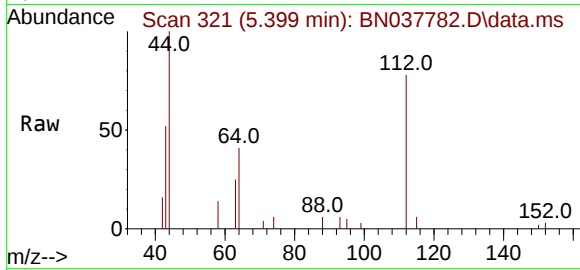




#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

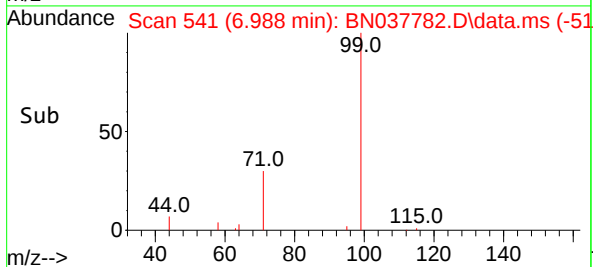
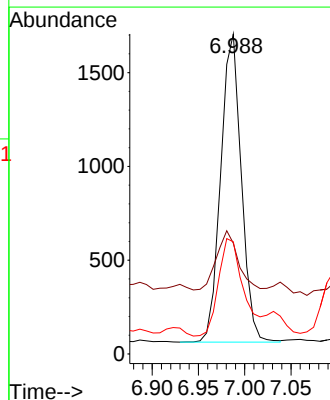
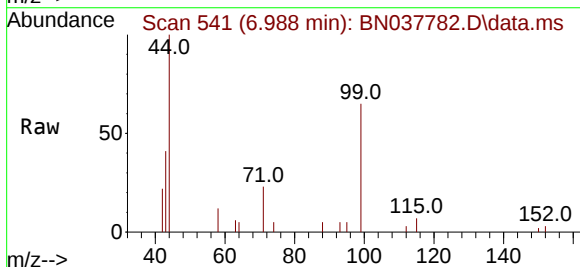
Instrument :
BNA_N
ClientSampleId :
MW3S

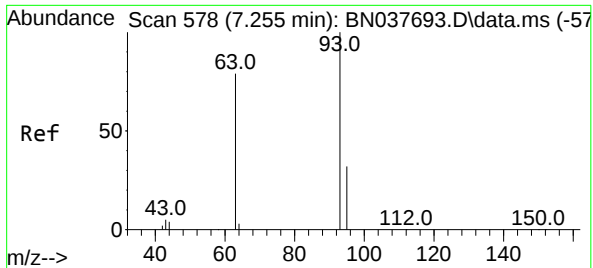
Tgt Ion:112 Resp: 2772
Ion Ratio Lower Upper
112 100
64 53.9 44.9 67.3
63 29.8 24.7 37.1



#5
Phenol-d6
Concen: 0.130 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 99 Resp: 2548
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 38.1 26.7 40.1

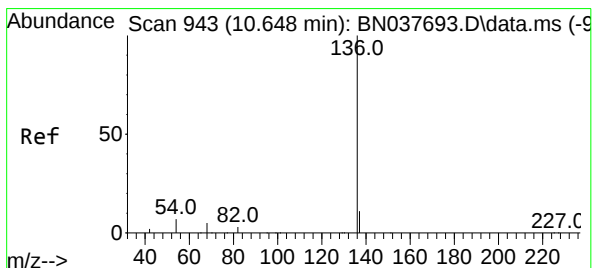
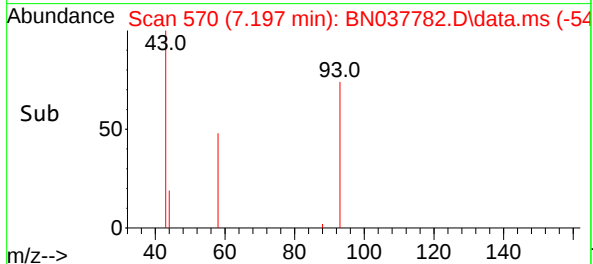
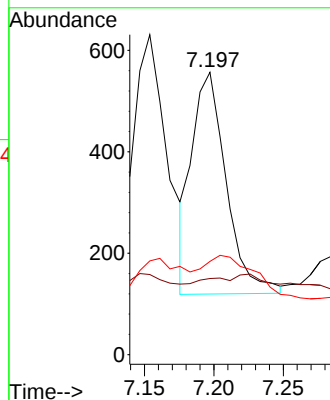
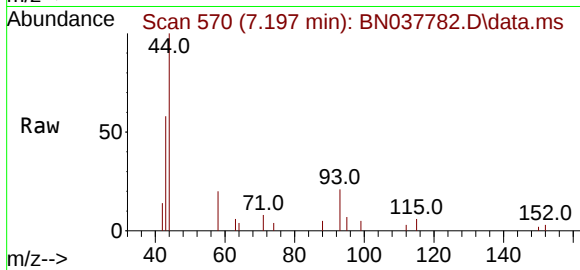




#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.197 min Scan# 51
Delta R.T. -0.058 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

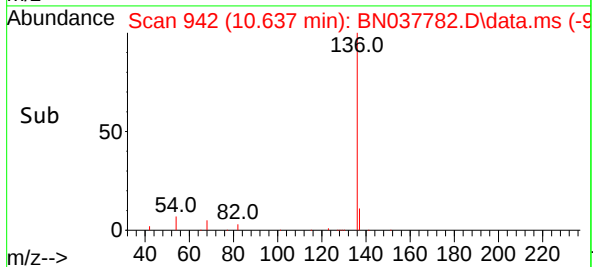
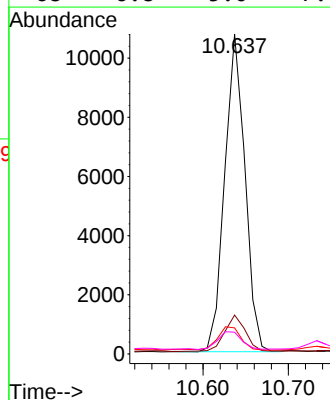
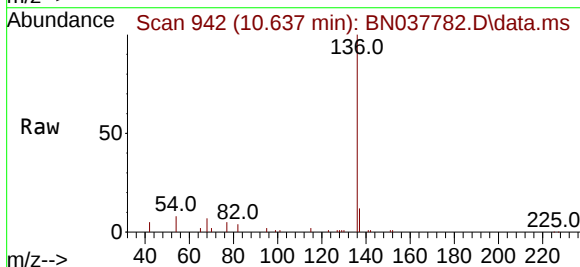
Instrument :
BNA_N
ClientSampleId :
MW3S

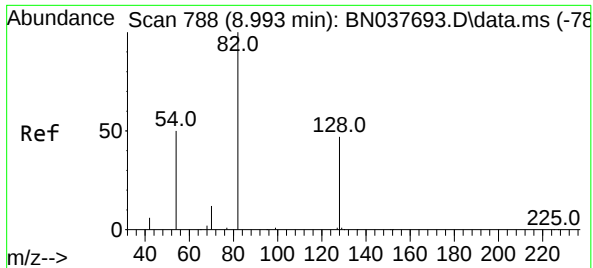
Tgt Ion	93	Resp:	750
Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.6	90.8#
95	29.7	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion	136	Resp:	17764
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.1	13.7
54	8.2	6.3	9.5
68	6.8	5.0	7.4

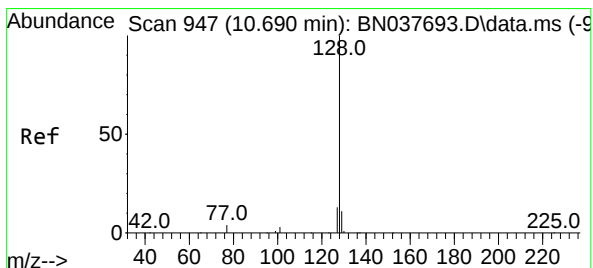
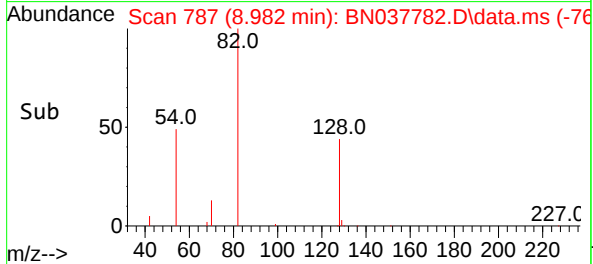
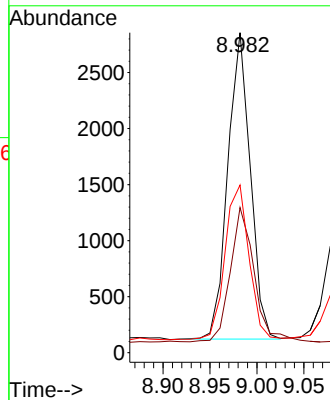
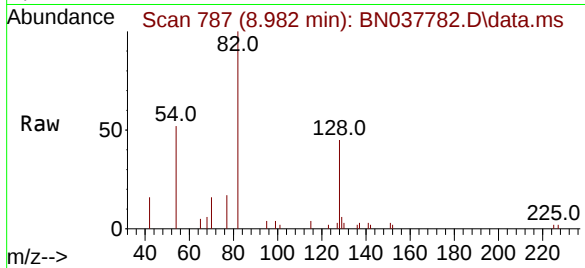




#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.982 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

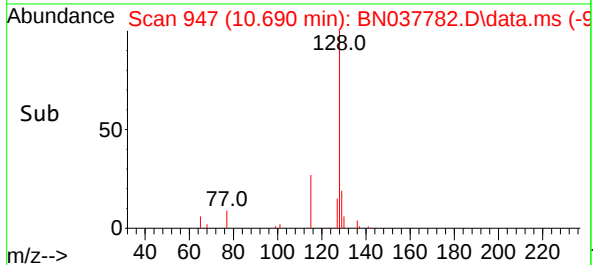
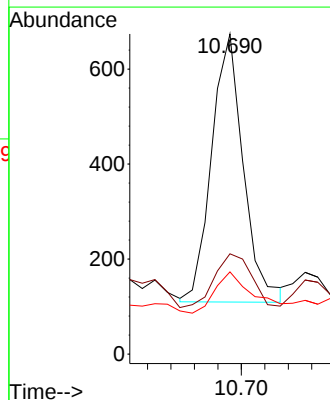
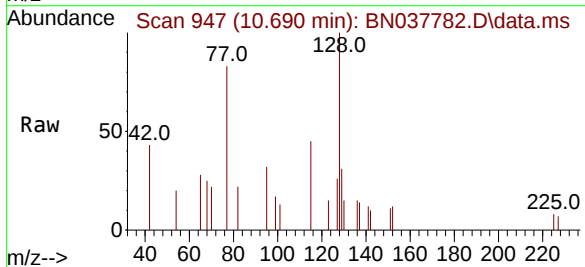
Instrument :
BNA_N
ClientSampleId :
MW3S

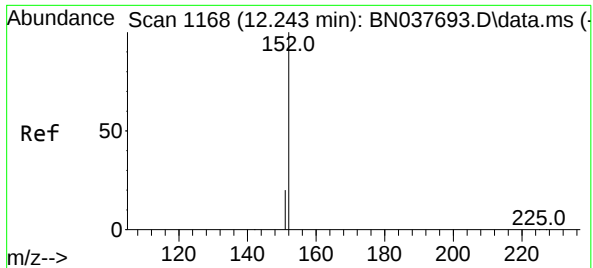
Tgt Ion: 82 Resp: 4565
Ion Ratio Lower Upper
82 100
128 45.3 38.3 57.5
54 52.4 41.4 62.2



#9
Naphthalene
Concen: 0.022 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion: 128 Resp: 1060
Ion Ratio Lower Upper
128 100
129 31.3 9.1 13.7#
127 25.7 10.9 16.3#

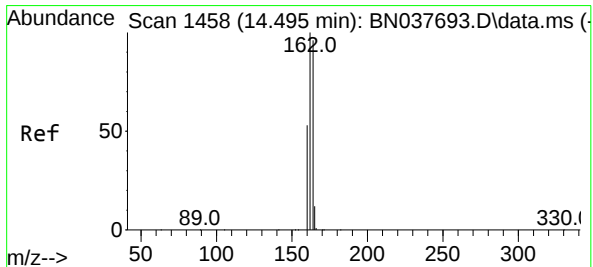
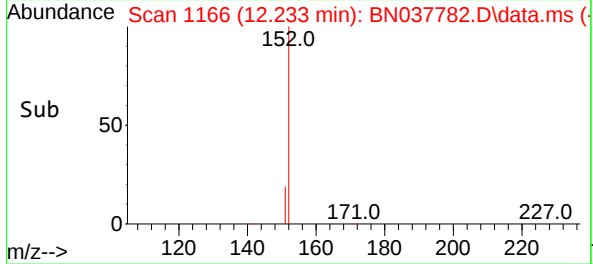
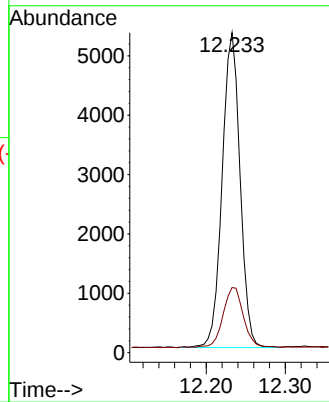
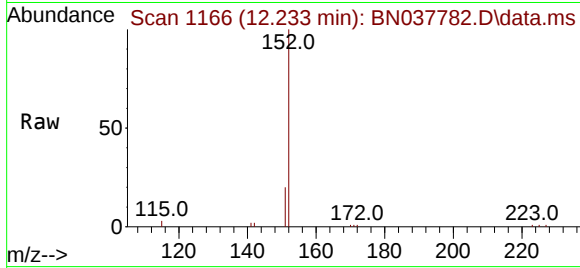




#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

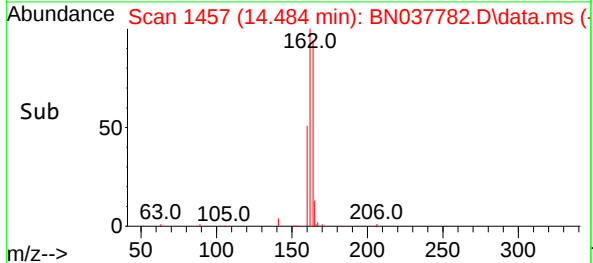
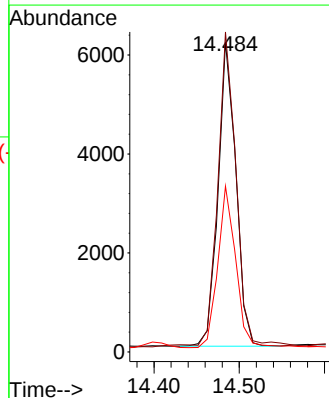
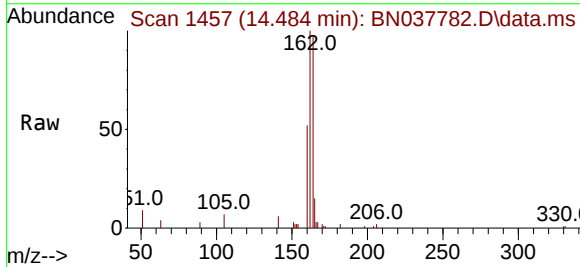
Instrument :
BNA_N
ClientSampleId :
MW3S

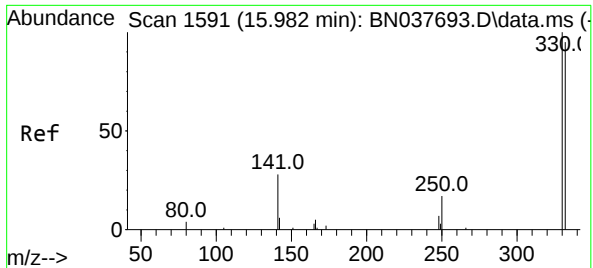
Tgt Ion:152 Resp: 8353
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:164 Resp: 8899
Ion Ratio Lower Upper
164 100
162 103.2 83.1 124.7
160 53.5 44.3 66.5

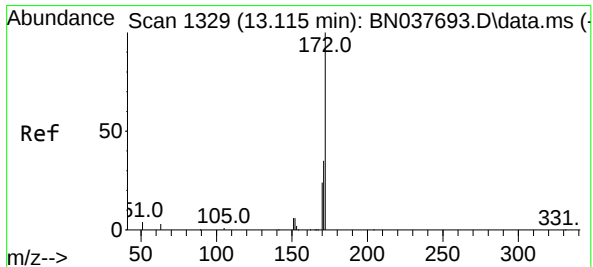
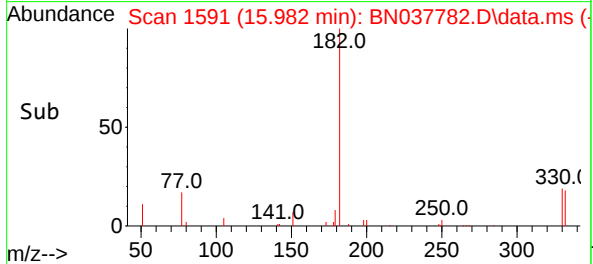
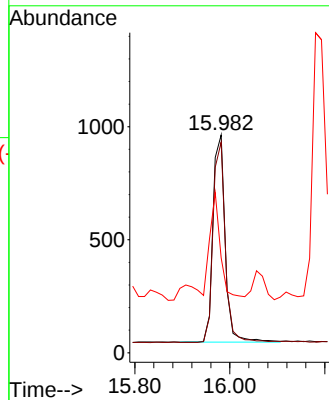
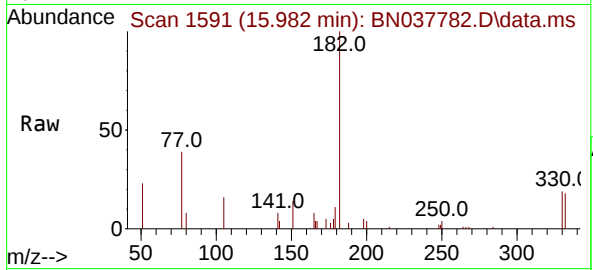




#14
2,4,6-Tribromophenol
Concen: 0.709 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

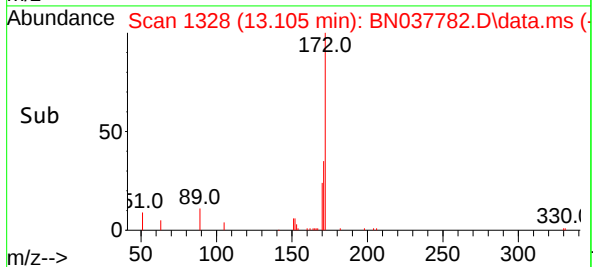
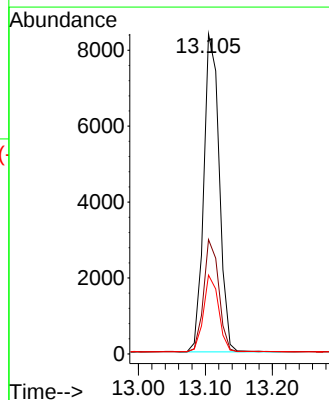
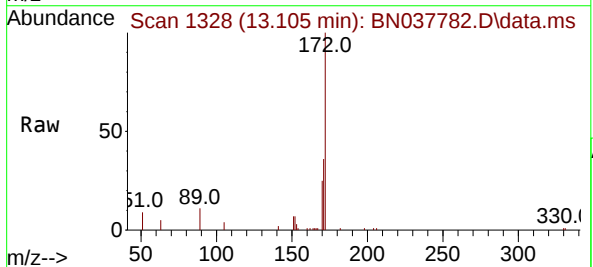
Instrument :
BNA_N
ClientSampleId :
MW3S

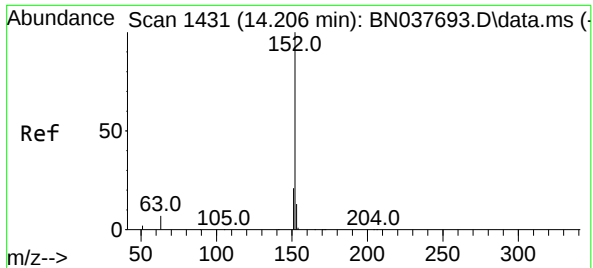
Tgt Ion	330	Ratio	100	Lower	Upper
330	100				
332	96.5		75.3	112.9	
141	47.2		35.0	52.4	



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion	172	Ratio	100	Lower	Upper
172	100				
171	35.7		28.6	43.0	
170	24.7		19.8	29.8	

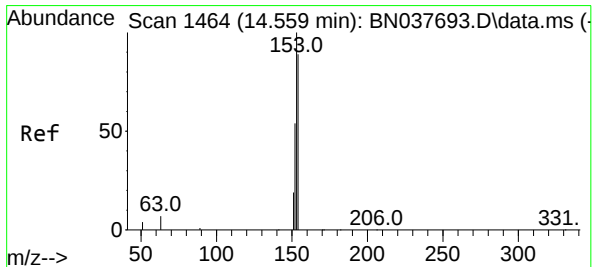
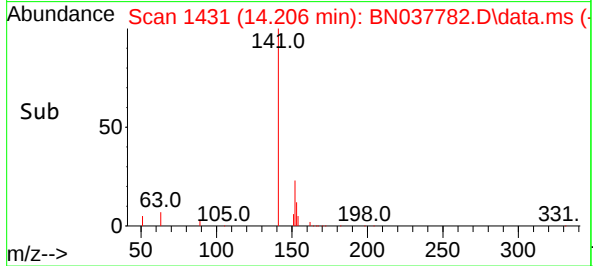
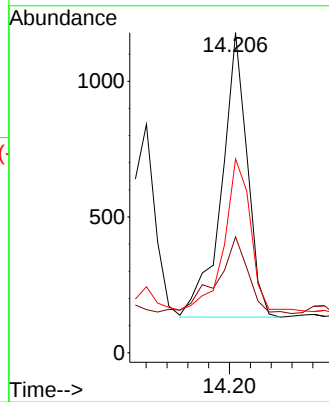
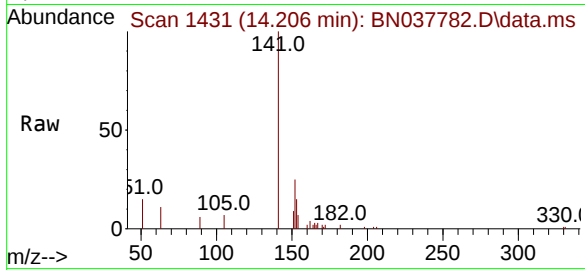




#16
Acenaphthylene
Concen: 0.044 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

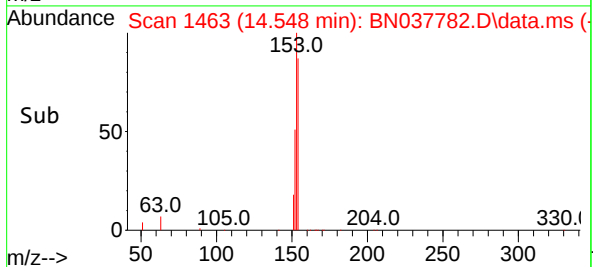
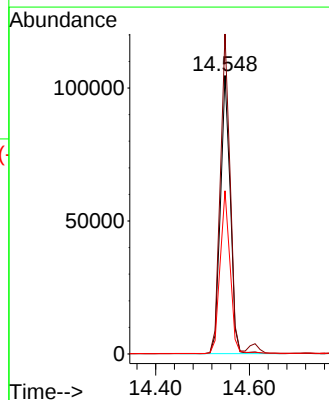
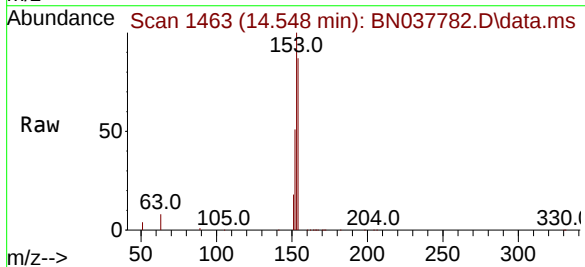
Instrument :
BNA_N
ClientSampleId :
MW3S

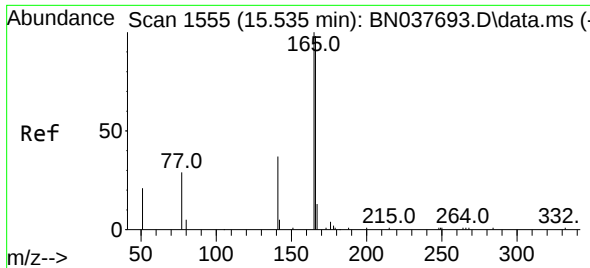
Tgt Ion:152 Resp: 1793
Ion Ratio Lower Upper
152 100
151 33.3 16.2 24.2#
153 55.0 10.4 15.6#



#17
Acenaphthene
Concen: 5.523 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:154 Resp: 152410
Ion Ratio Lower Upper
154 100
153 114.3 89.8 134.8
152 59.6 50.2 75.2

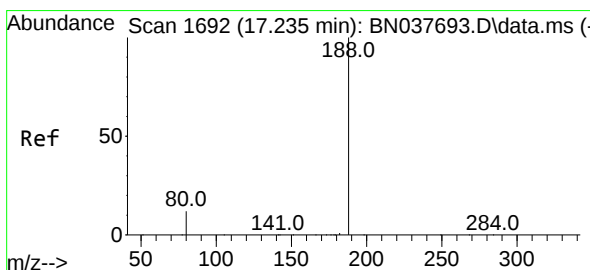
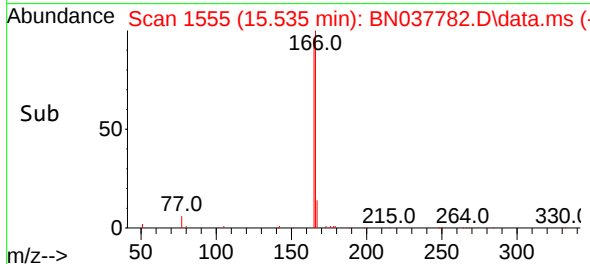
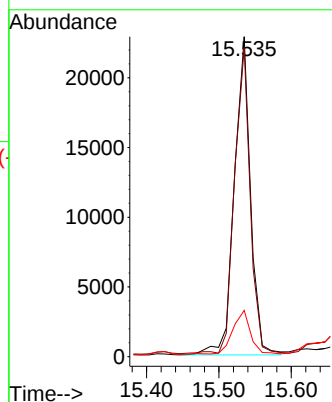
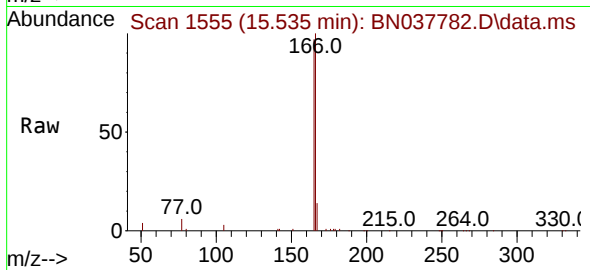




#18
Fluorene
Concen: 0.999 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

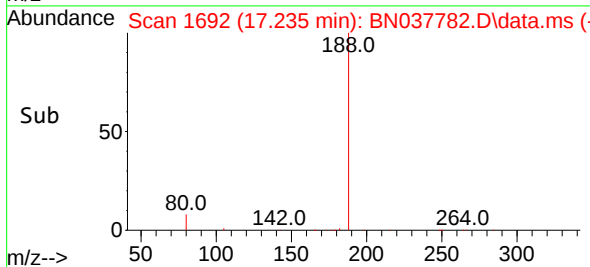
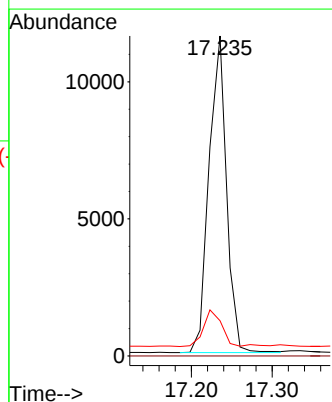
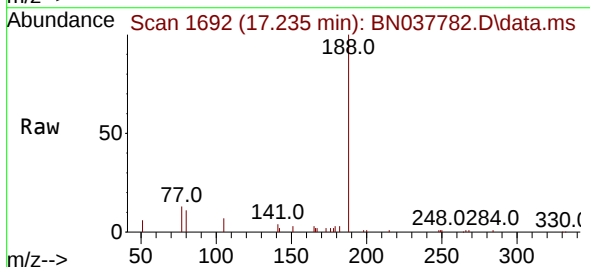
Instrument :
BNA_N
ClientSampleId :
MW3S

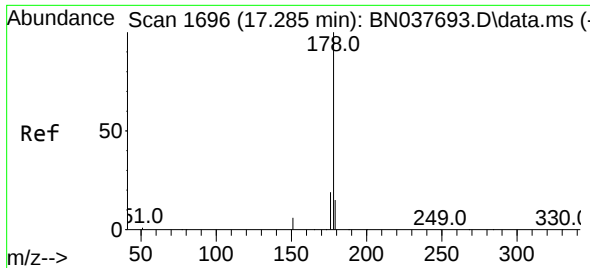
Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.6	119.4
167	15.5	10.6	16.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	10.6	15.8

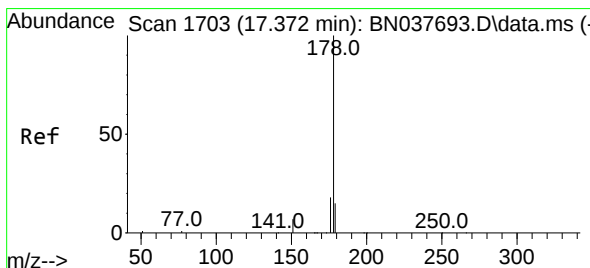
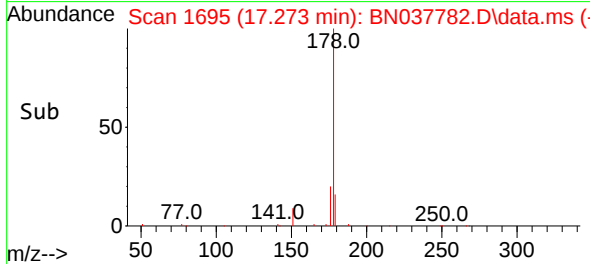
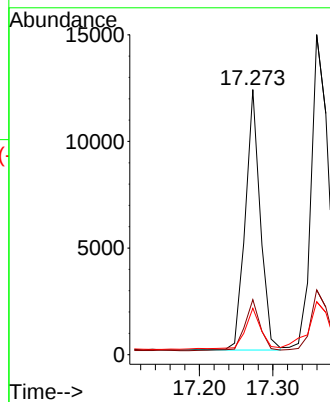
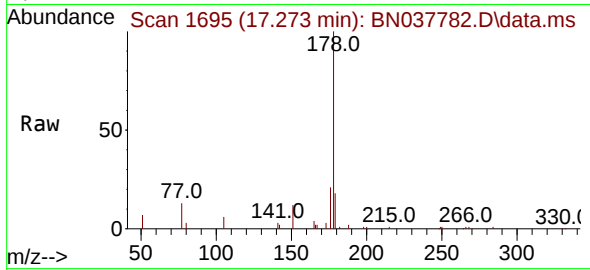




#25
Phenanthrene
Concen: 0.315 ng
RT: 17.273 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

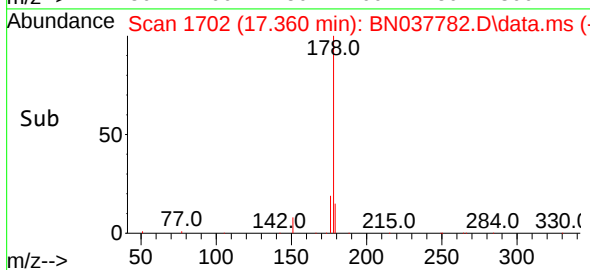
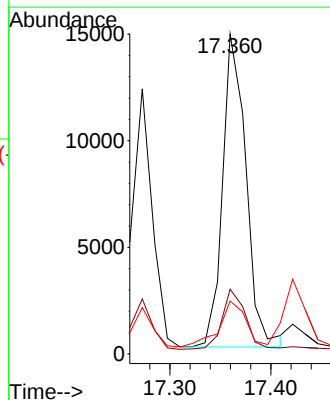
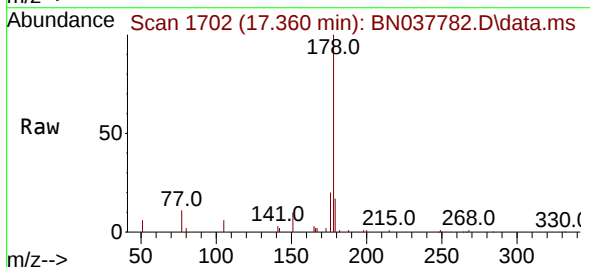
Instrument :
BNA_N
ClientSampleId :
MW3S

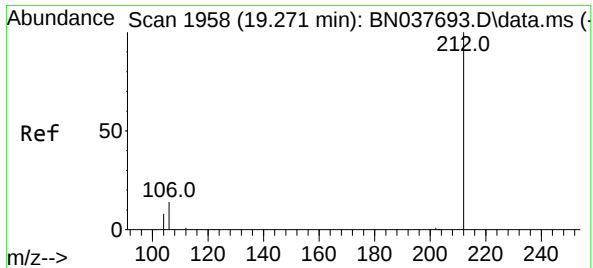
Tgt Ion:178 Resp: 17293
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 17.5 12.2 18.2



#26
Anthracene
Concen: 0.487 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:178 Resp: 23665
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 16.9 12.2 18.4

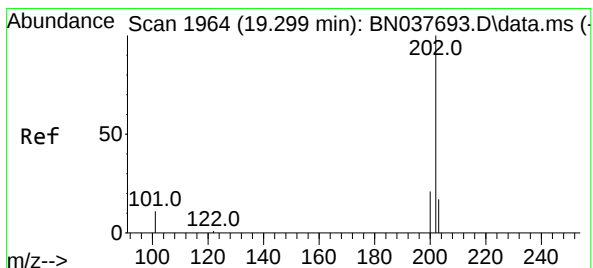
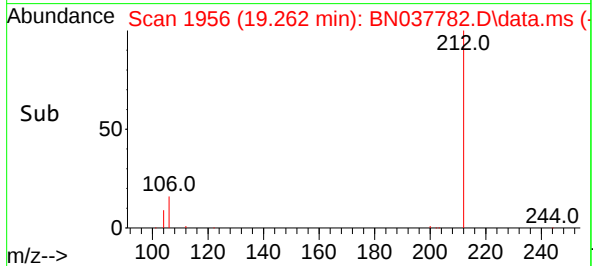
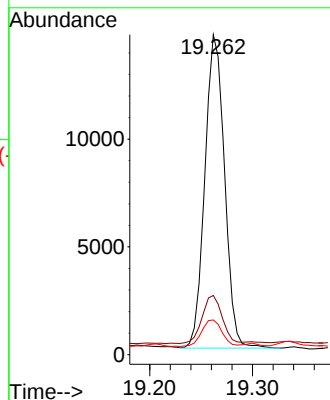
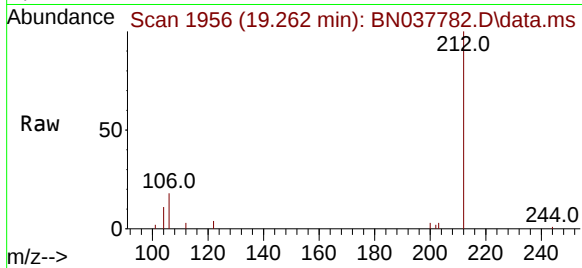




#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

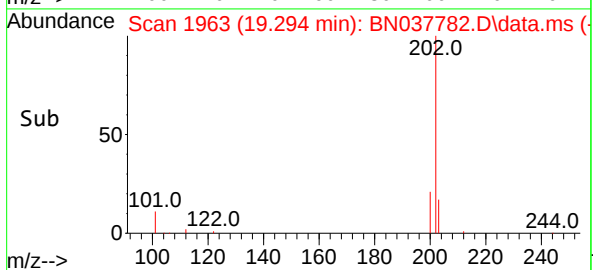
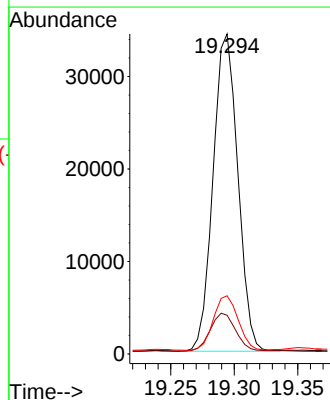
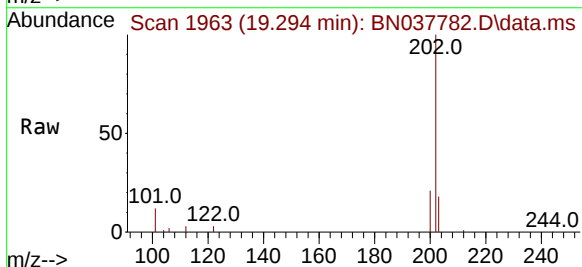
Instrument :
BNA_N
ClientSampleId :
MW3S

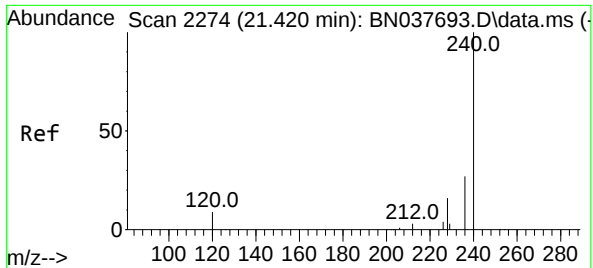
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.2	18.2
104	8.8	6.9	10.3



#28
Fluoranthene
Concen: 0.773 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.3	13.9
203	17.1	13.7	20.5

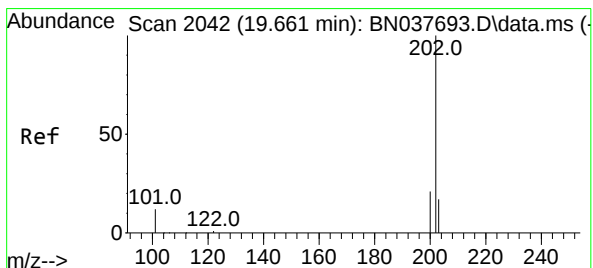
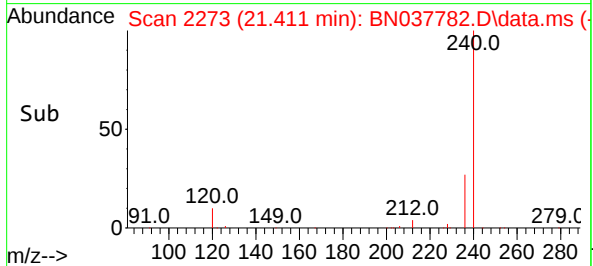
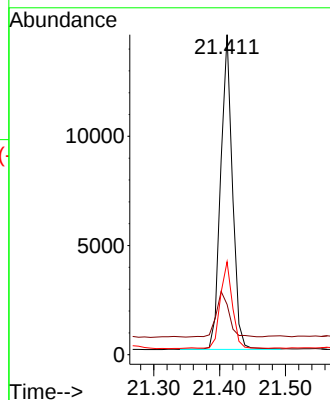
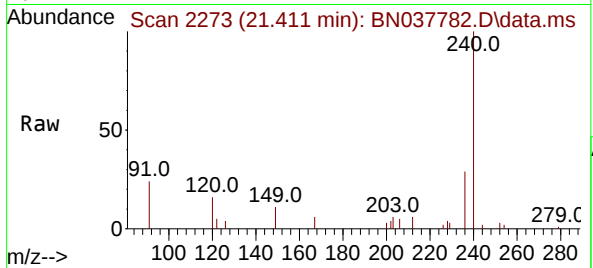




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2141
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

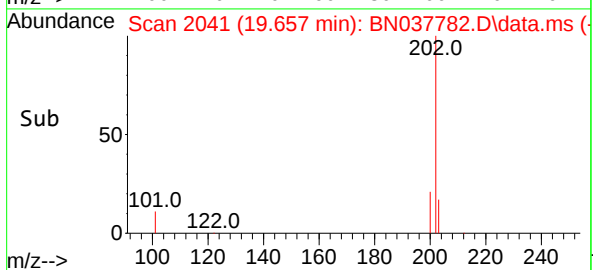
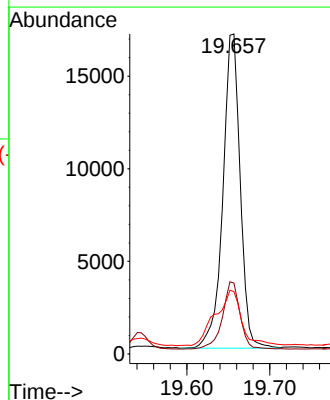
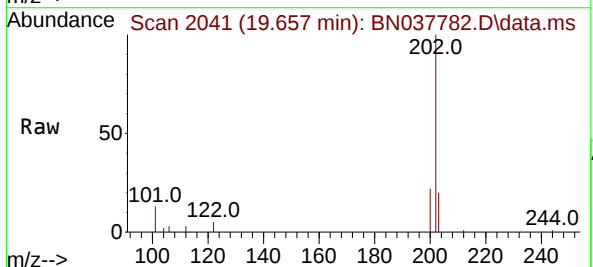
Instrument :
BNA_N
ClientSampleId :
MW3S

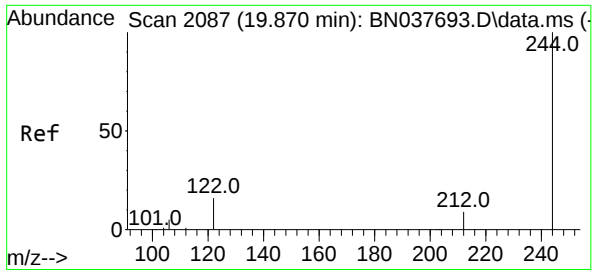
Tgt Ion:240 Resp: 17835
Ion Ratio Lower Upper
240 100
120 15.7 9.2 13.8#
236 29.1 22.6 33.8



#30
Pyrene
Concen: 0.351 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:202 Resp: 24513
Ion Ratio Lower Upper
202 100
200 21.8 16.8 25.2
203 26.5 14.3 21.5#

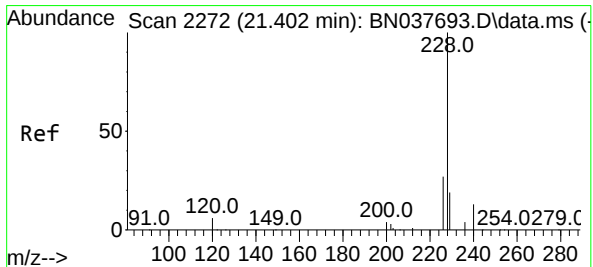
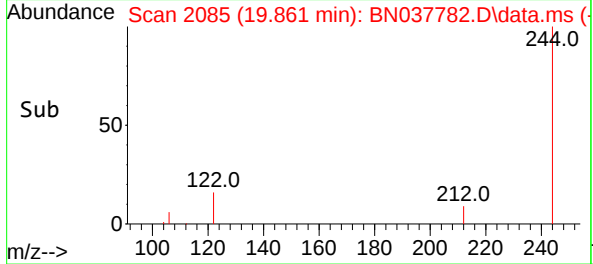
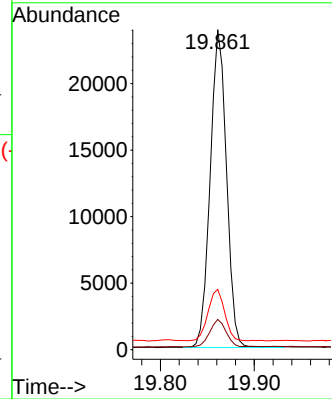
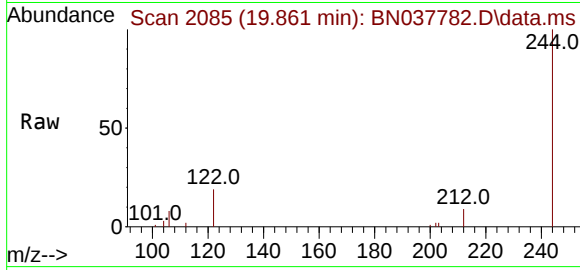




#31
Terphenyl-d14
Concen: 0.796 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

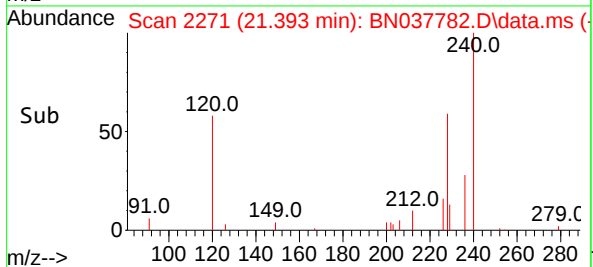
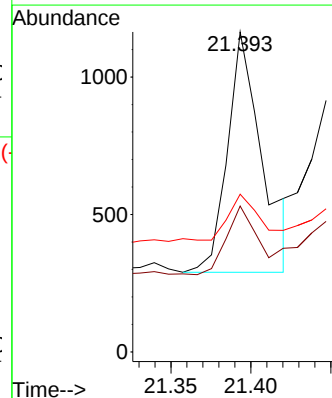
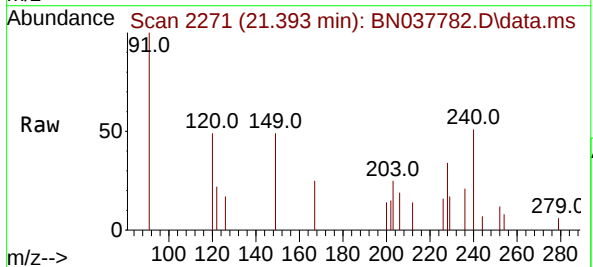
Instrument :
BNA_N
ClientSampleId :
MW3S

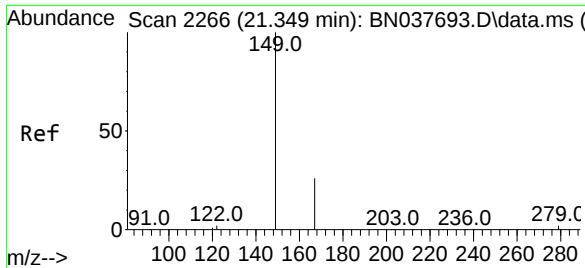
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	18.8	13.2	19.8



#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.6	22.2	33.2#
229	49.3	15.8	23.6#

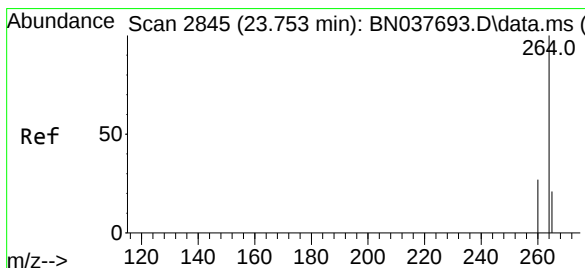
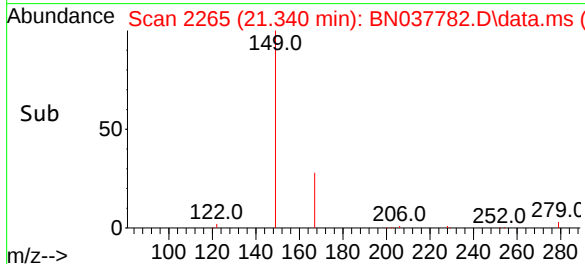
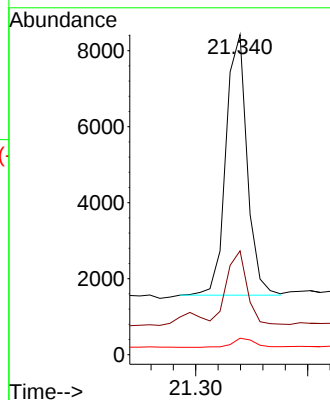
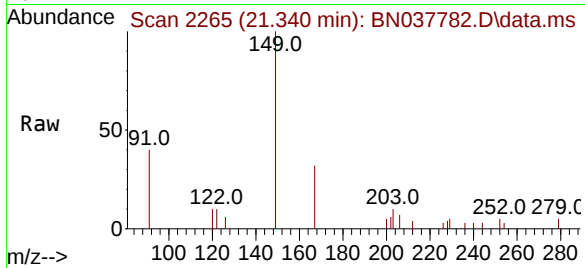




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.491 ng
RT: 21.340 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

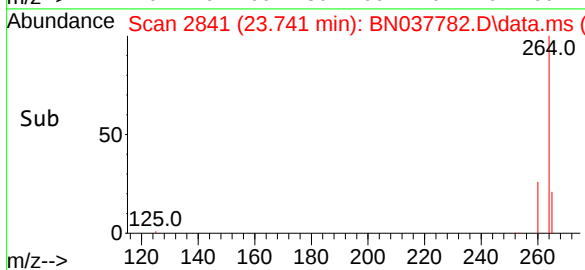
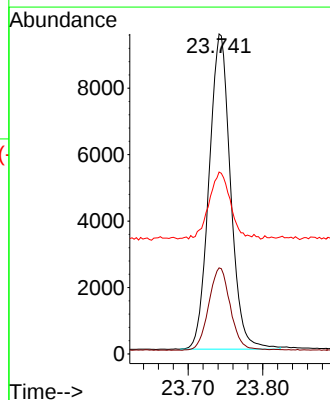
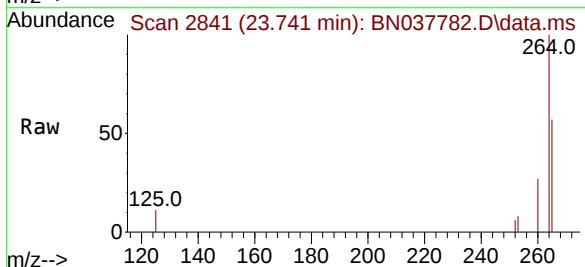
Instrument :
BNA_N
ClientSampleId :
MW3S

Tgt Ion:149 Resp: 9051
Ion Ratio Lower Upper
149 100
167 26.8 20.8 31.2
279 3.7 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BN037782.D
Acq: 18 Sep 2025 18:12

Tgt Ion:264 Resp: 19008
Ion Ratio Lower Upper
264 100
260 26.9 21.8 32.8
265 56.9 39.4 59.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037816.D
 Acq On : 19 Sep 2025 16:08
 Operator : RC/JU
 Sample : Q3083-03DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3SDL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Sep 19 16:56:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

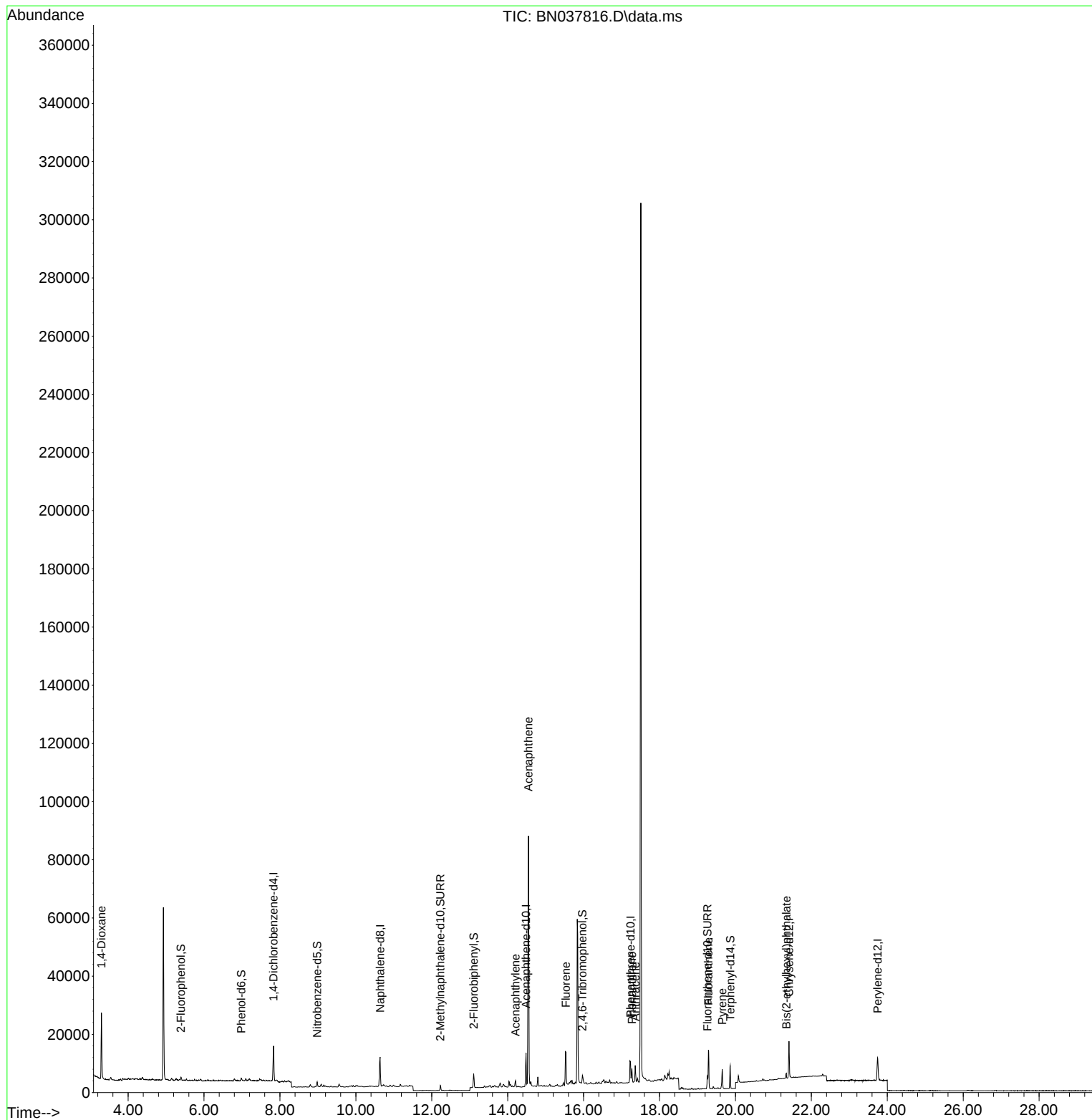
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.832	152	5937	0.400 ng	0.00
7) Naphthalene-d8	10.637	136	13519	0.400 ng	-0.01
13) Acenaphthene-d10	14.484	164	6156	0.400 ng	-0.01
19) Phenanthrene-d10	17.235	188	11729	0.400 ng	# 0.00
29) Chrysene-d12	21.411	240	10935	0.400 ng	# 0.00
35) Perylene-d12	23.744	264	10906	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.391	112	957	0.070 ng	0.00
5) Phenol-d6	6.980	99	885	0.050 ng	0.00
8) Nitrobenzene-d5	8.982	82	1434	0.145 ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	2367	0.132 ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	384	0.239 ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	3833	0.149 ng	-0.01
27) Fluoranthene-d10	19.262	212	4881	0.166 ng	0.00
31) Terphenyl-d14	19.861	244	7221	0.325 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.297	88	13467	2.178 ng	97
16) Acenaphthylene	14.206	152	622	0.022 ng	# 52
17) Acenaphthene	14.548	154	42996	2.252 ng	98
18) Fluorene	15.535	166	8908	0.385 ng	96
25) Phenanthrene	17.272	178	4851	0.131 ng	96
26) Anthracene	17.359	178	6194	0.189 ng	98
28) Fluoranthene	19.289	202	11726	0.290 ng	99
30) Pyrene	19.652	202	6090	0.142 ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.339	149	1849	0.164 ng	98

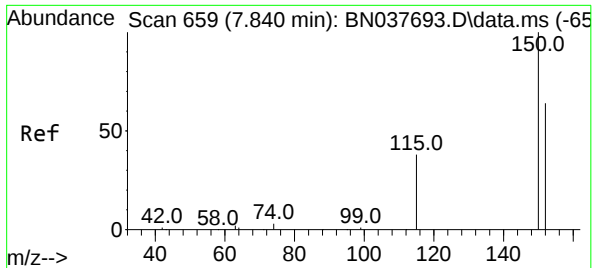
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037816.D
Acq On : 19 Sep 2025 16:08
Operator : RC/JU
Sample : Q3083-03DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW3SDL

Quant Time: Sep 19 16:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

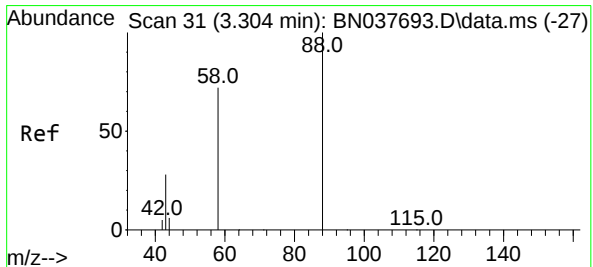
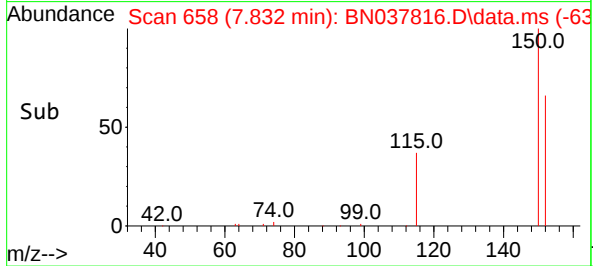
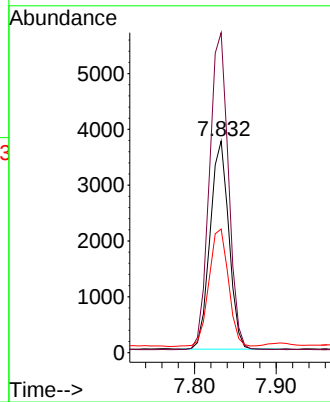
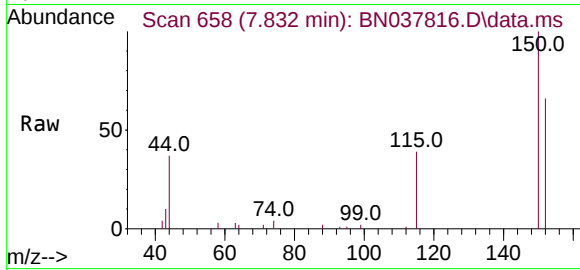




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

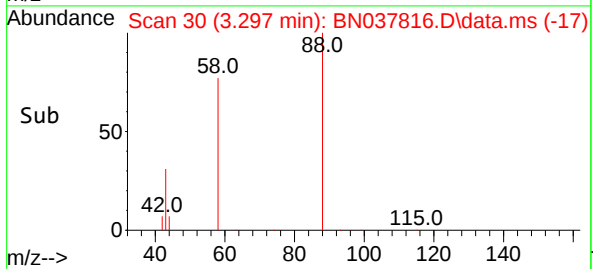
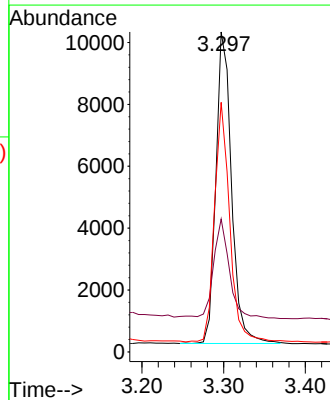
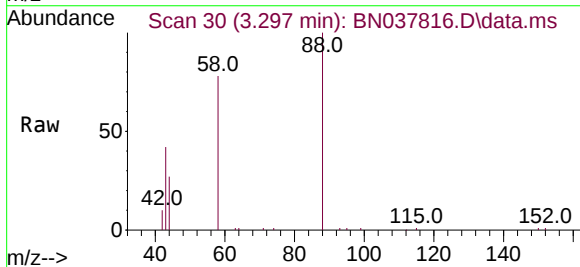
Instrument :
BNA_N
ClientSampleId :
MW3SDL

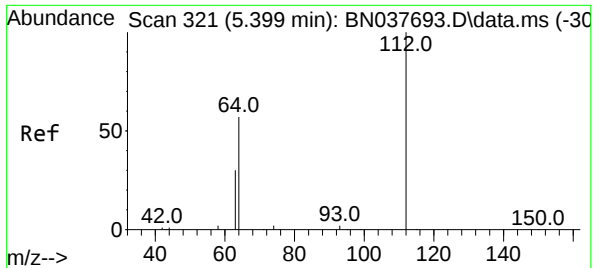
Tgt Ion:152 Resp: 5937
Ion Ratio Lower Upper
152 100
150 151.3 124.5 186.7
115 58.5 49.2 73.8



#2
1,4-Dioxane
Concen: 2.178 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 88 Resp: 13467
Ion Ratio Lower Upper
88 100
43 32.7 26.8 40.2
58 74.2 61.9 92.9

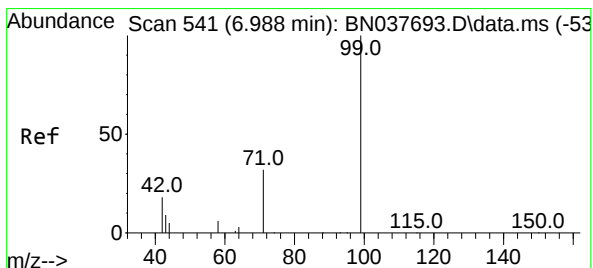
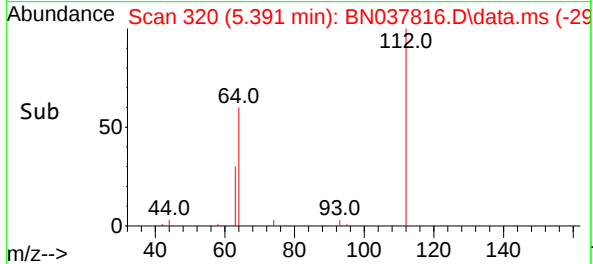
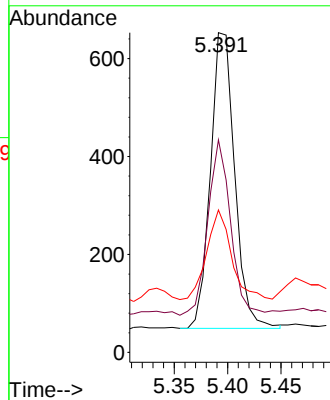
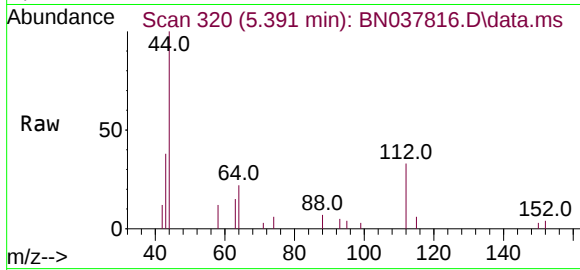




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

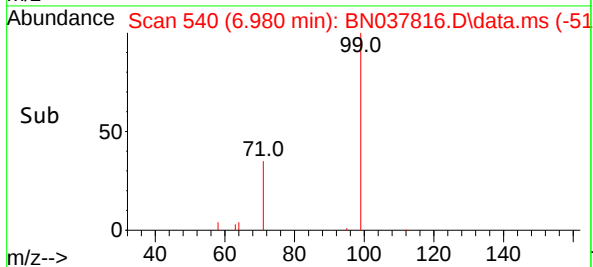
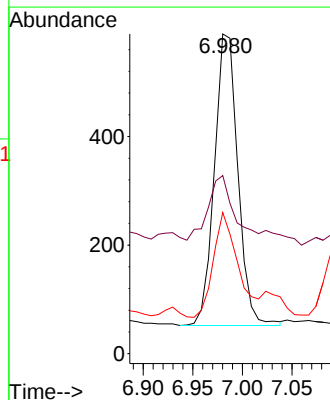
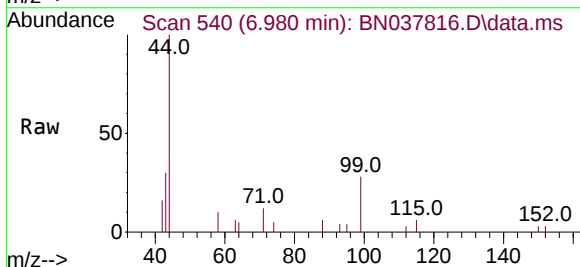
Instrument :
BNA_N
ClientSampleId :
MW3SDL

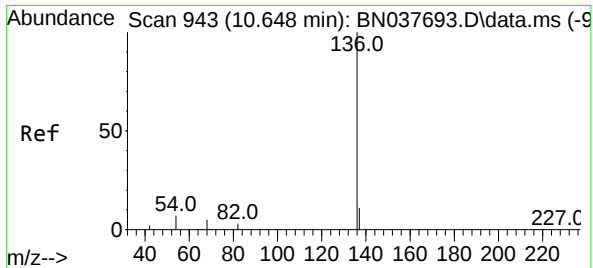
Tgt Ion:112 Resp: 957
Ion Ratio Lower Upper
112 100
64 55.4 44.9 67.3
63 30.6 24.7 37.1



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 99 Resp: 885
Ion Ratio Lower Upper
99 100
42 32.8 16.6 24.8#
71 37.9 26.7 40.1

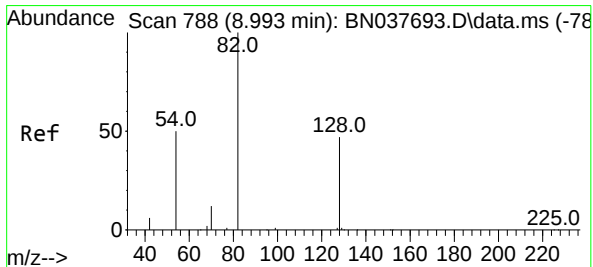
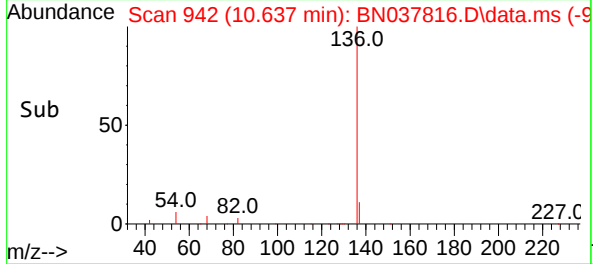
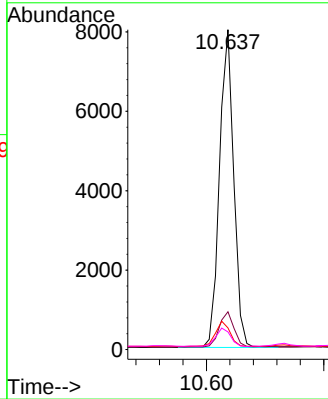
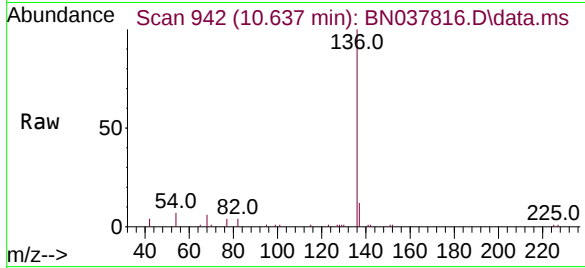




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

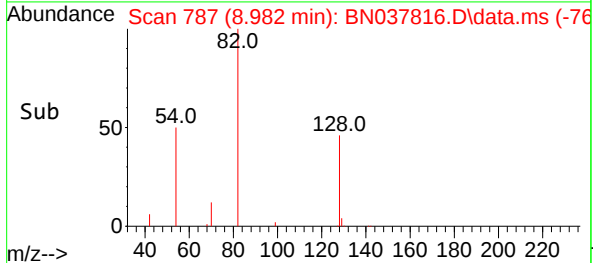
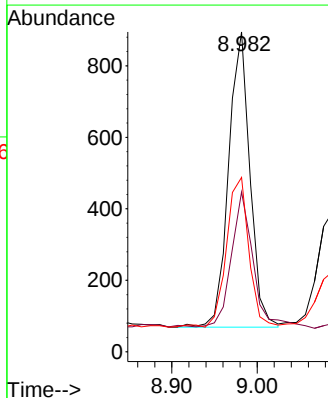
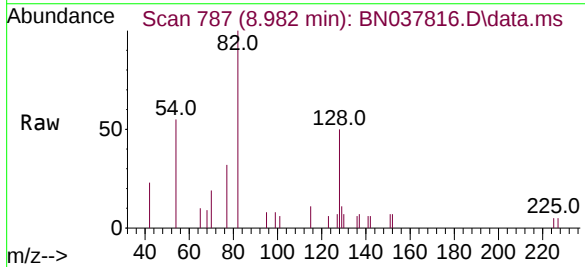
Instrument :
BNA_N
ClientSampleId :
MW3SDL

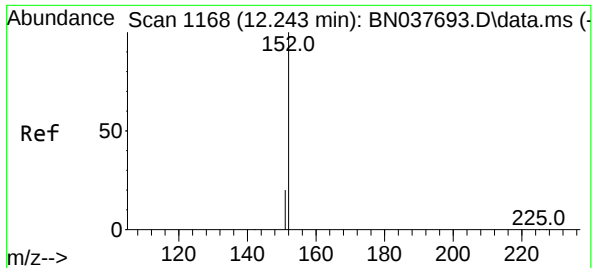
Tgt Ion:136	Resp:	13519
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.1 13.7
54	6.8	6.3 9.5
68	5.5	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.145 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion: 82	Resp:	1434
Ion Ratio	Lower	Upper
82	100	
128	49.9	38.3 57.5
54	54.5	41.4 62.2

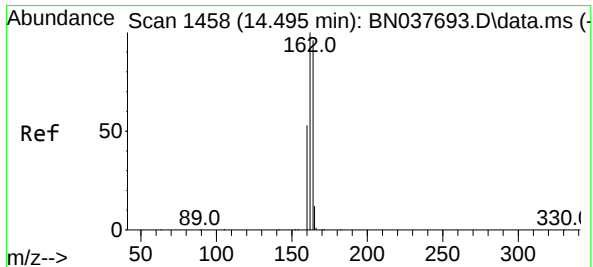
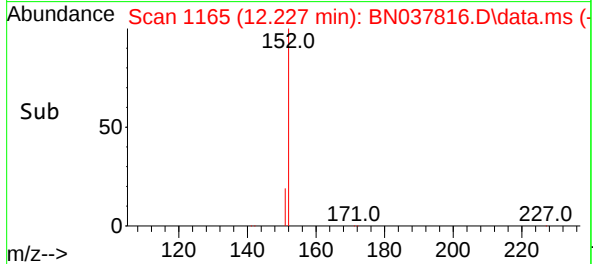
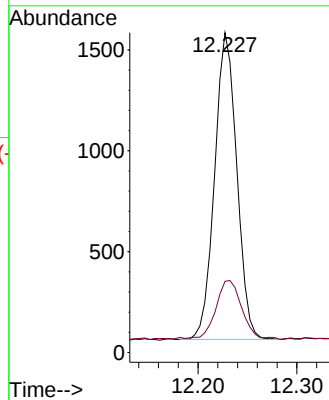
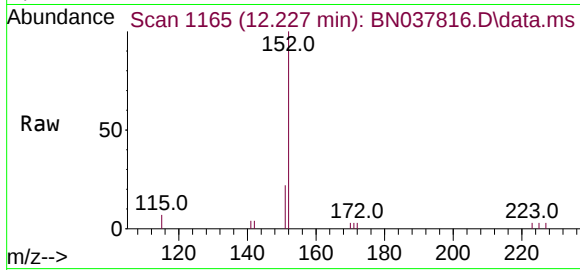




#11
2-Methylnaphthalene-d10
Concen: 0.132 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.016 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

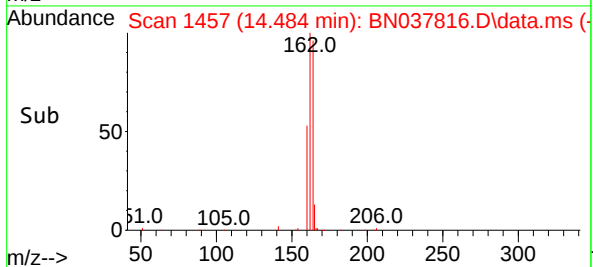
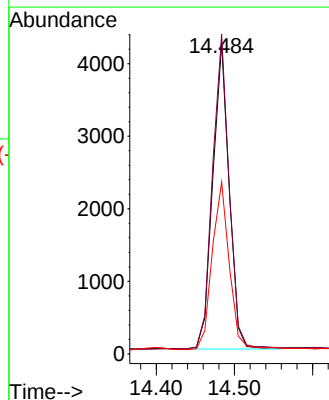
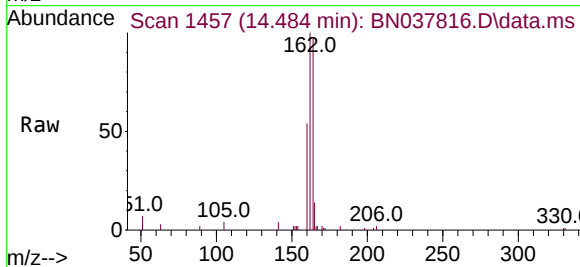
Instrument :
BNA_N
ClientSampleId :
MW3SDL

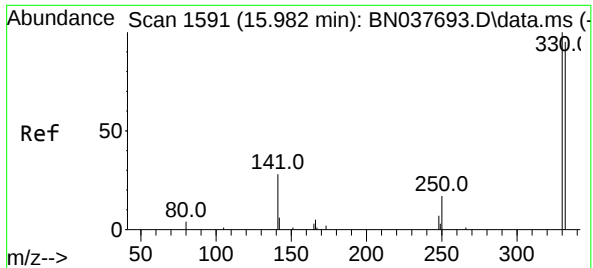
Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:164 Resp: 6156
Ion Ratio Lower Upper
164 100
162 103.0 83.1 124.7
160 55.4 44.3 66.5

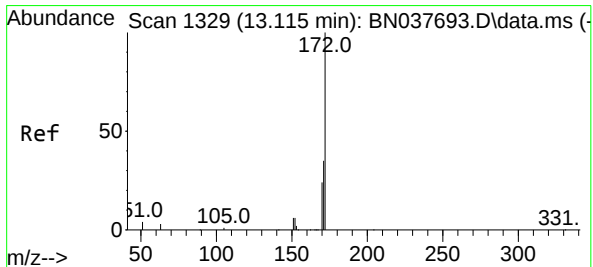
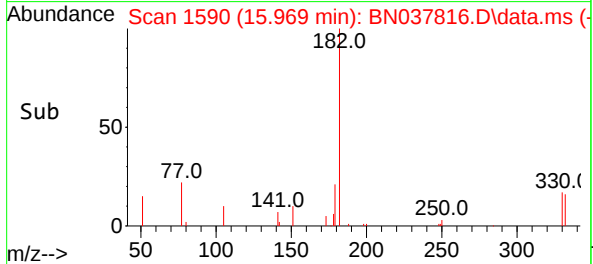
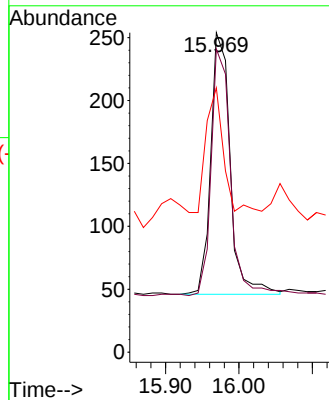
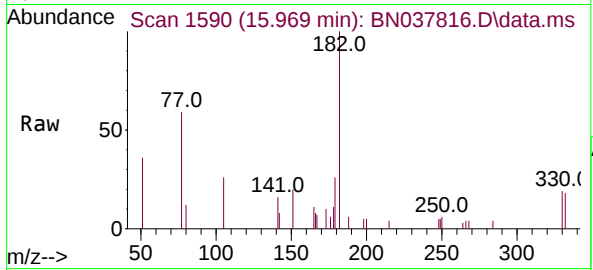




#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

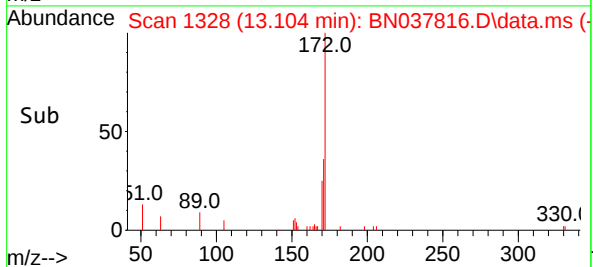
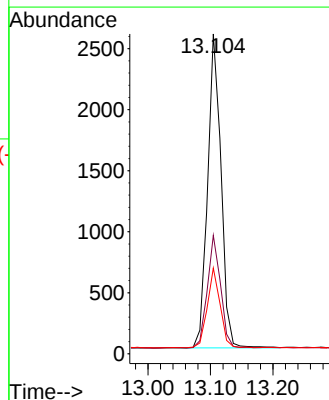
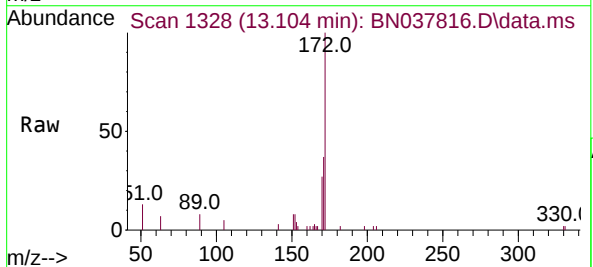
Instrument :
BNA_N
ClientSampleId :
MW3SDL

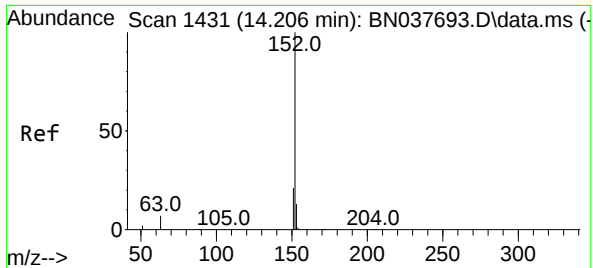
Tgt Ion	330	Ratio	100	Lower	Upper
330	100				
332	95.3		75.3	112.9	
141	54.4		35.0	52.4	



#15
2-Fluorobiphenyl
Concen: 0.149 ng
RT: 13.104 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion	172	Ratio	100	Lower	Upper
172	100				
171	37.0		28.6	43.0	
170	26.8		19.8	29.8	

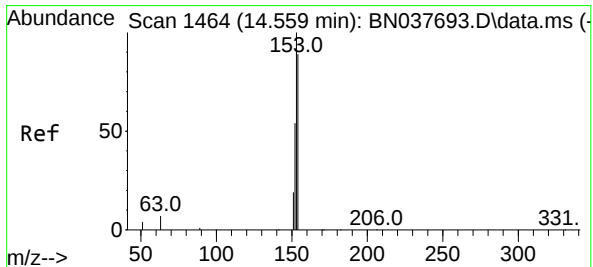
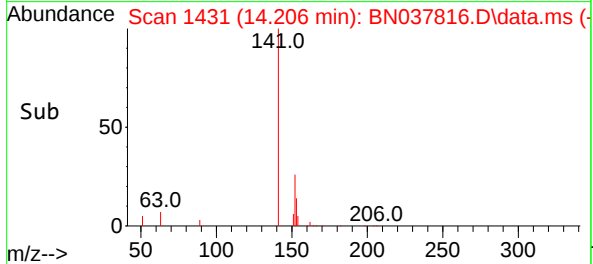
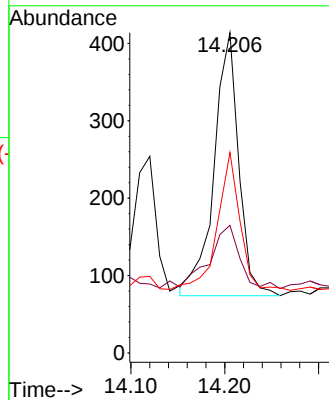
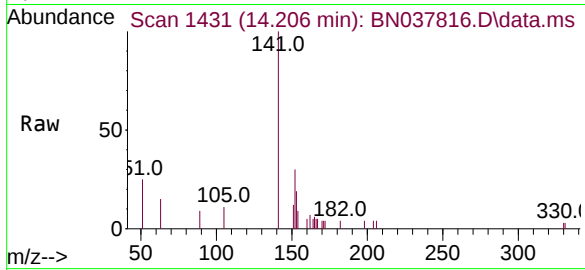




#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

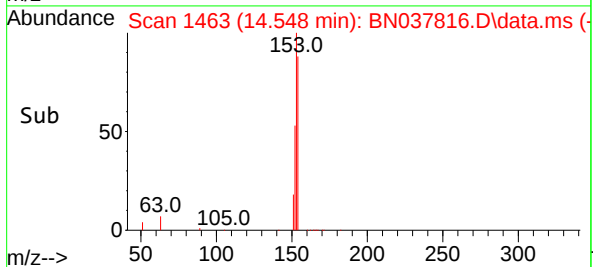
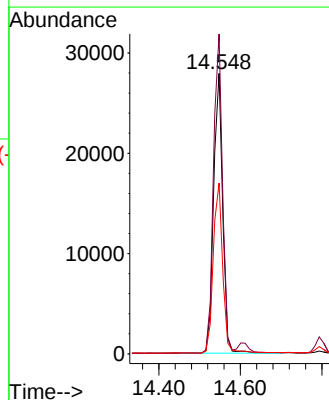
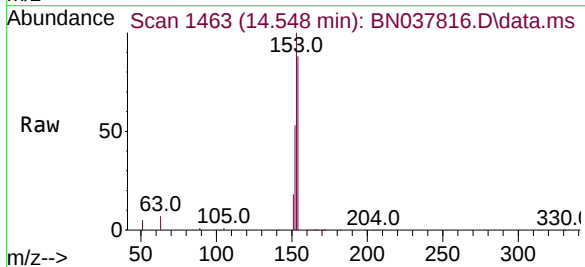
Instrument :
BNA_N
ClientSampleId :
MW3SDL

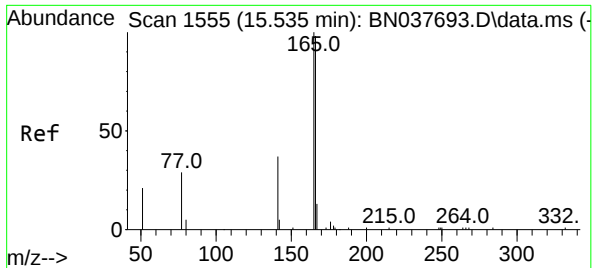
Tgt Ion	Ratio	Lower	Upper
152	100		
151	30.9	16.2	24.2#
153	47.9	10.4	15.6#



#17
Acenaphthene
Concen: 2.252 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.8	134.8
152	63.6	50.2	75.2

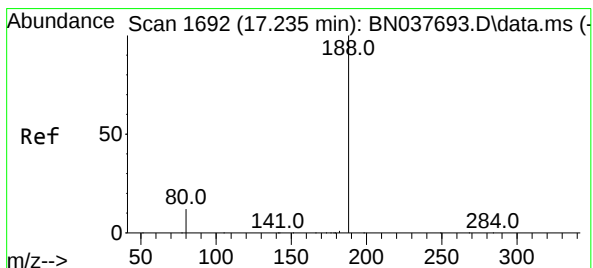
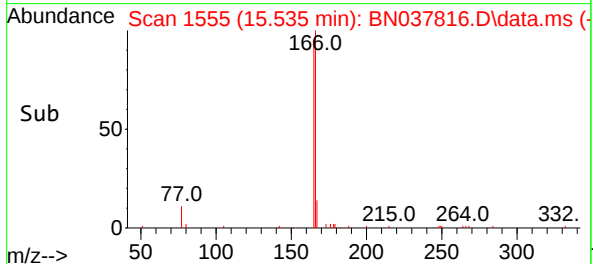
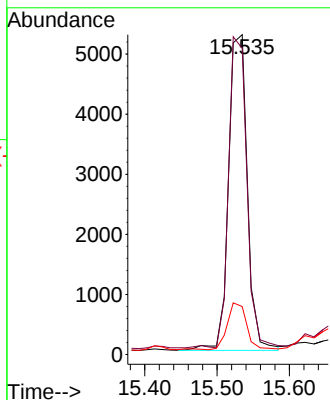
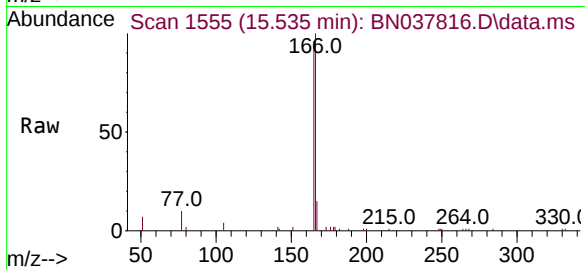




#18
Fluorene
Concen: 0.385 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

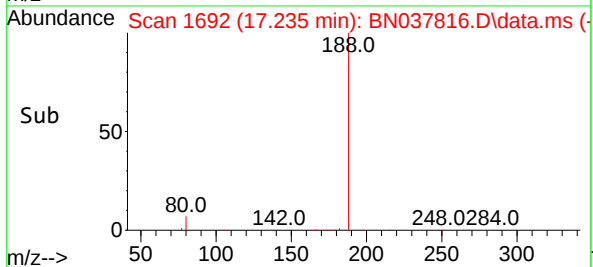
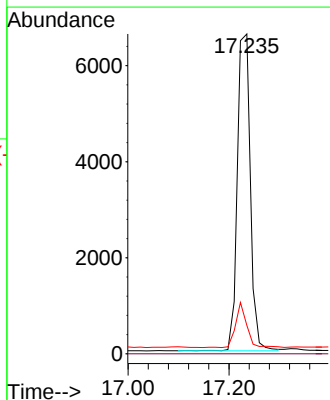
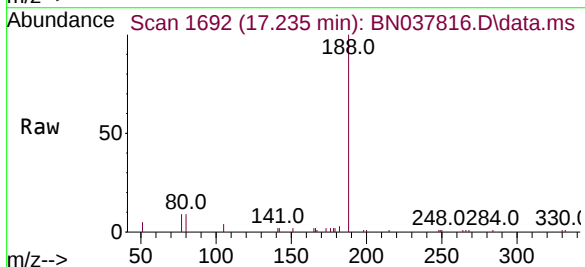
Instrument :
BNA_N
ClientSampleId :
MW3SDL

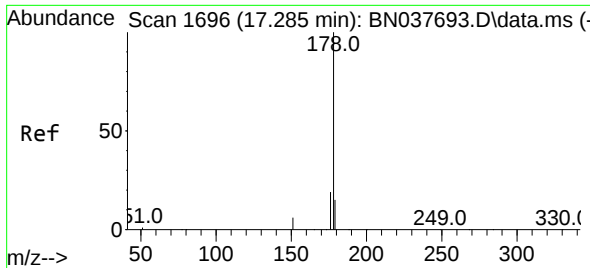
Tgt Ion	166	Resp	8908
Ion Ratio	Lower	Upper	
166	100		
165	96.0	79.6	119.4
167	15.8	10.6	16.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion	188	Resp	11729
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	10.6	15.8

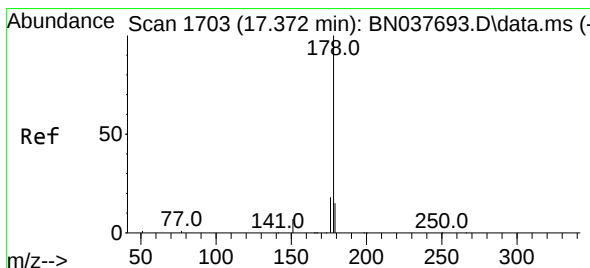
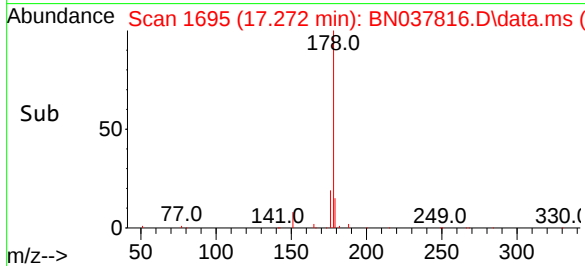
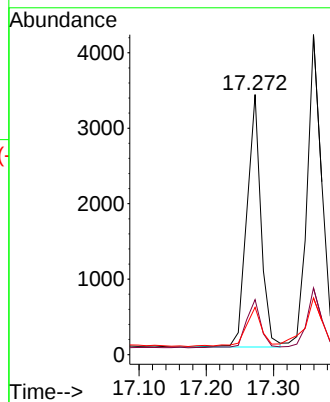
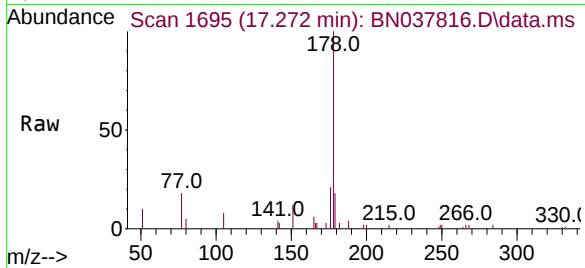




#25
Phenanthrene
Concen: 0.131 ng
RT: 17.272 min Scan# 1695
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

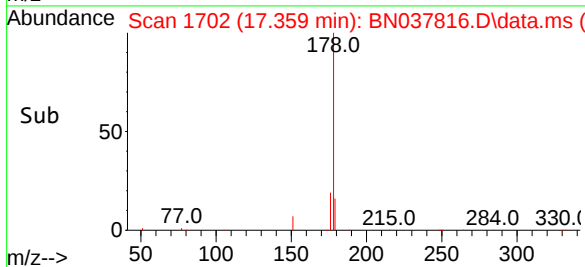
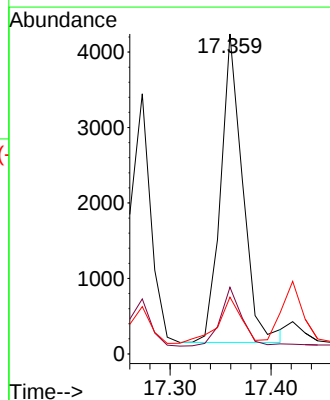
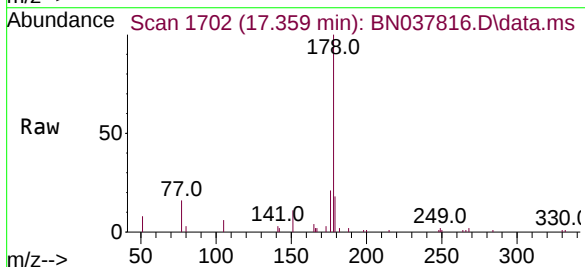
Instrument :
BNA_N
ClientSampleId :
MW3SDL

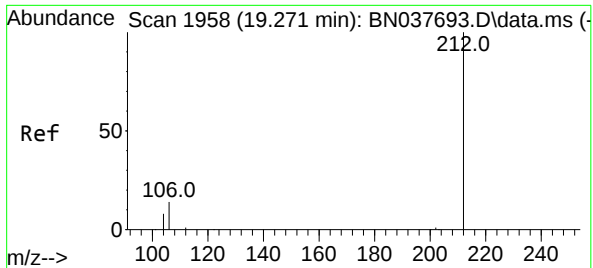
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	18.0	12.2	18.2



#26
Anthracene
Concen: 0.189 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	16.0	12.2	18.4





#27

Fluoranthene-d10

Concen: 0.166 ng

RT: 19.262 min Scan# 1958

Delta R.T. -0.010 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

Instrument :

BNA_N

ClientSampleId :

MW3SDL

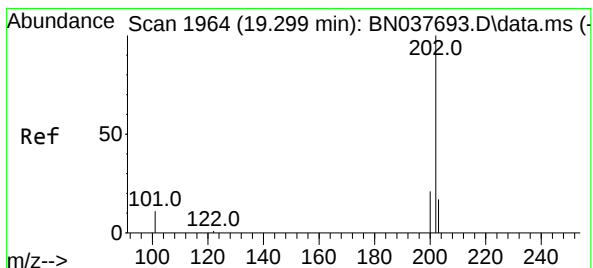
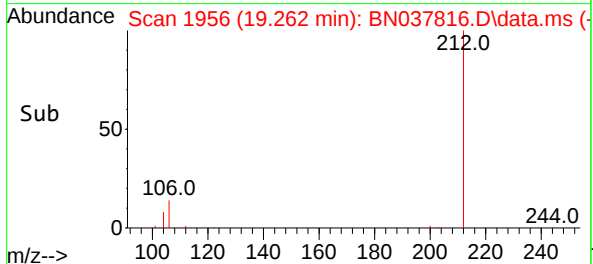
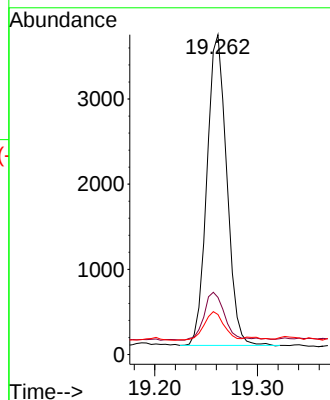
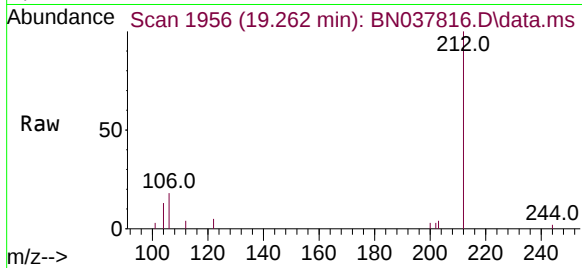
Tgt Ion:212 Resp: 4881

Ion Ratio Lower Upper

212 100

106 16.3 12.2 18.2

104 9.4 6.9 10.3



#28

Fluoranthene

Concen: 0.290 ng

RT: 19.289 min Scan# 1962

Delta R.T. -0.010 min

Lab File: BN037816.D

Acq: 19 Sep 2025 16:08

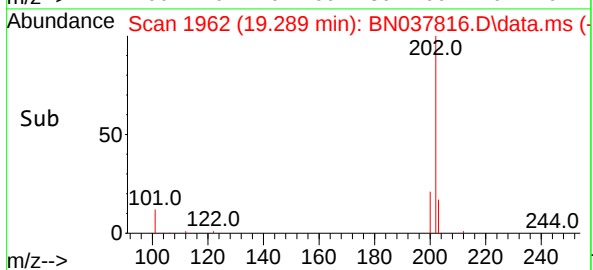
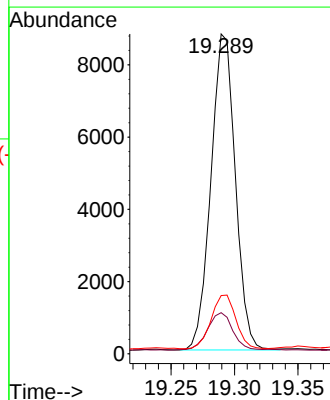
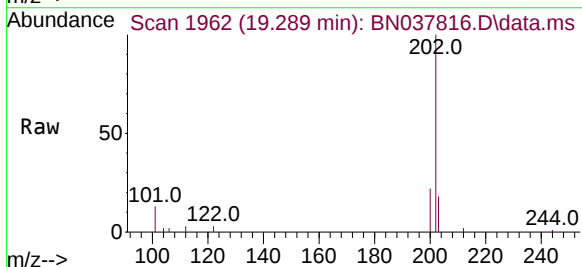
Tgt Ion:202 Resp: 11726

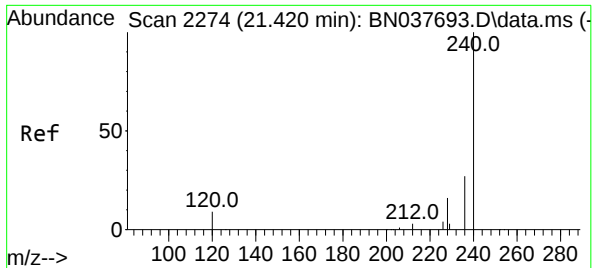
Ion Ratio Lower Upper

202 100

101 12.4 9.3 13.9

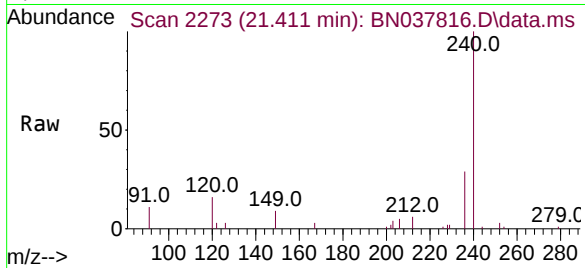
203 17.1 13.7 20.5



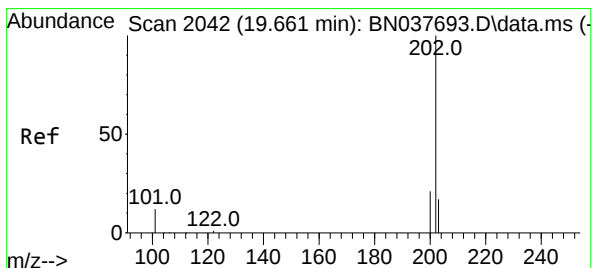
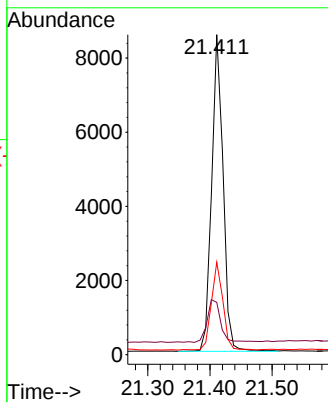
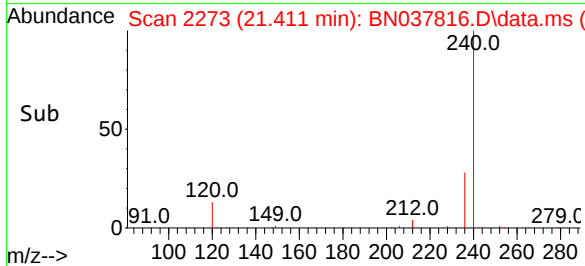


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Instrument :
BNA_N
ClientSampleId :
MW3SDL

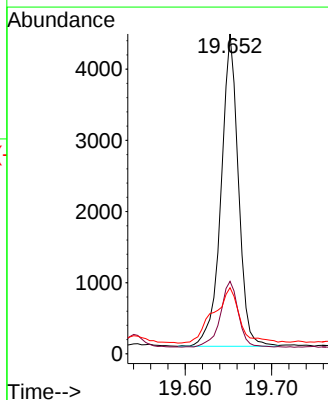
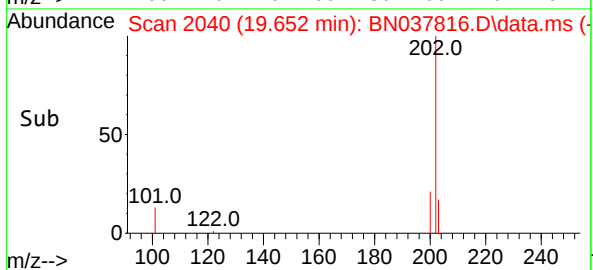
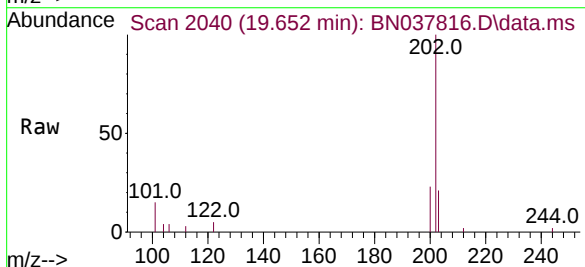


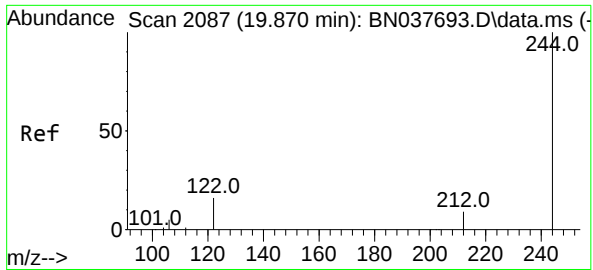
Tgt Ion:240 Resp: 10935
Ion Ratio Lower Upper
240 100
120 16.3 9.2 13.8#
236 28.9 22.6 33.8



#30
Pyrene
Concen: 0.142 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:202 Resp: 6090
Ion Ratio Lower Upper
202 100
200 22.0 16.8 25.2
203 27.1 14.3 21.5#

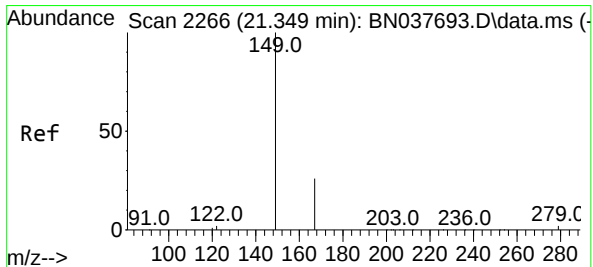
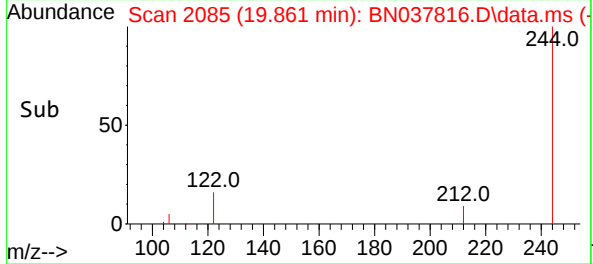
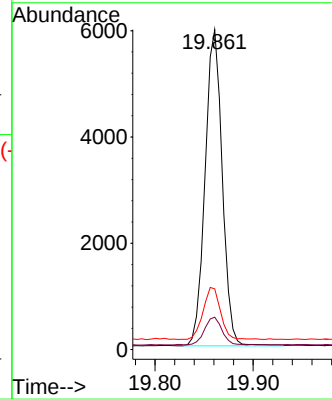
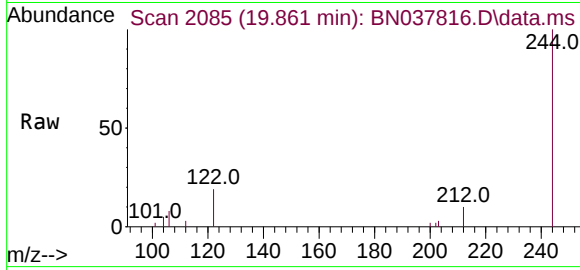




#31
Terphenyl-d14
Concen: 0.325 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

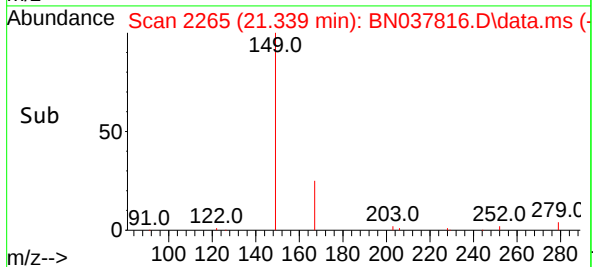
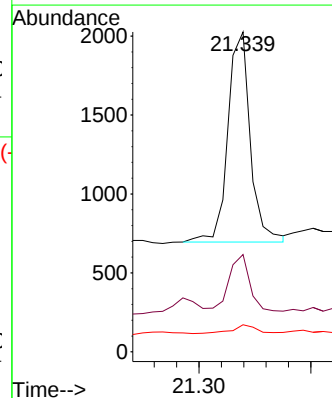
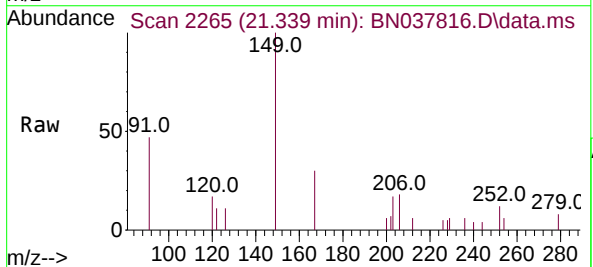
Instrument :
BNA_N
ClientSampleId :
MW3SDL

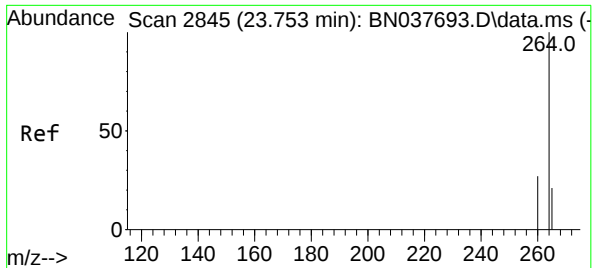
Tgt Ion:244	Resp:	7221
Ion	Ratio	Lower Upper
244	100	
212	10.1	7.5 11.3
122	19.0	13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037816.D
Acq: 19 Sep 2025 16:08

Tgt Ion:149	Resp:	1849
Ion	Ratio	Lower Upper
149	100	
167	24.7	20.8 31.2
279	4.4	3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.744 min Scan# 2845

Delta R.T. -0.009 min

Lab File: BN037816.D

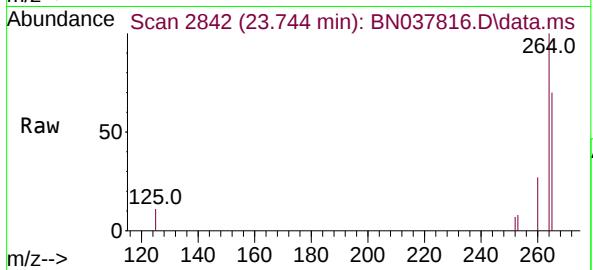
Acq: 19 Sep 2025 16:08

Instrument :

BNA_N

ClientSampleId :

MW3SDL



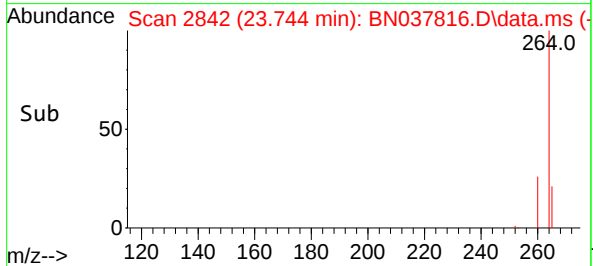
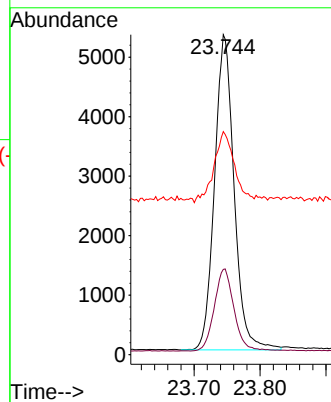
Tgt Ion:264 Resp: 10906

Ion Ratio Lower Upper

264 100

260 26.6 21.8 32.8

265 69.7 39.4 59.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037777.D
Acq On : 18 Sep 2025 15:10
Operator : RC/JU
Sample : PB169693BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169693BL

Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6667	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17045	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7049	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11652	0.400	ng	0.00
29) Chrysene-d12	21.411	240	9221	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	9002	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5270	0.344	ng	0.00
5) Phenol-d6	6.988	99	6284	0.317	ng	0.00
8) Nitrobenzene-d5	8.982	82	4777	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7427	0.329	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	384	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11632	0.395	ng	0.00
27) Fluoranthene-d10	19.267	212	9319	0.319	ng	0.00
31) Terphenyl-d14	19.866	244	6747	0.361	ng	0.00

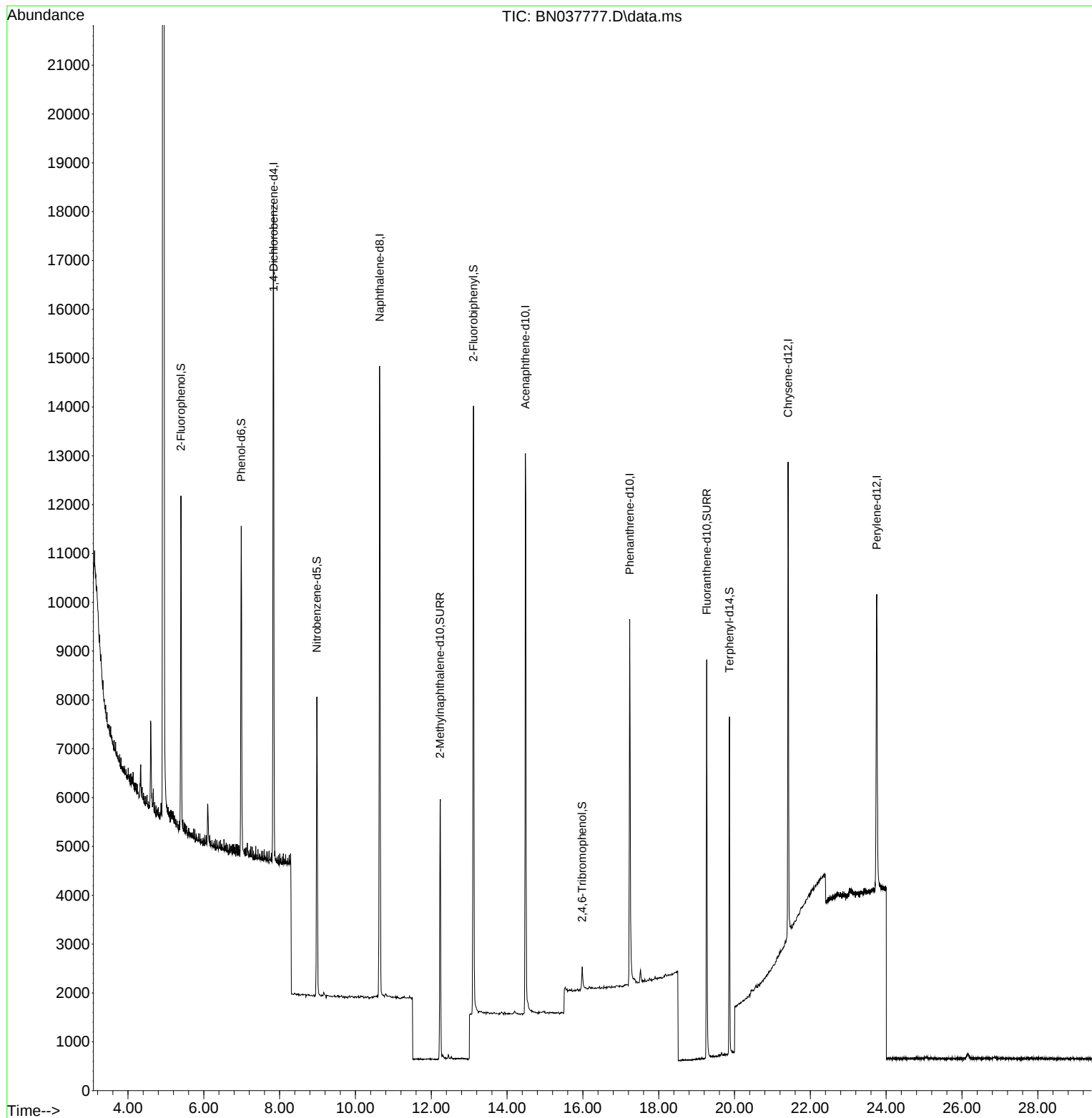
Target Compounds Qvalue

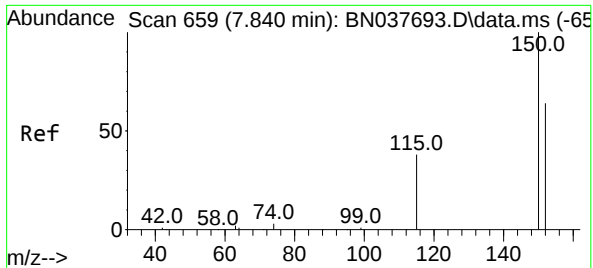
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037777.D
Acq On : 18 Sep 2025 15:10
Operator : RC/JU
Sample : PB169693BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169693BL

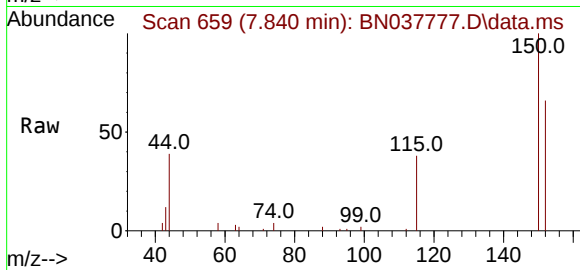
Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



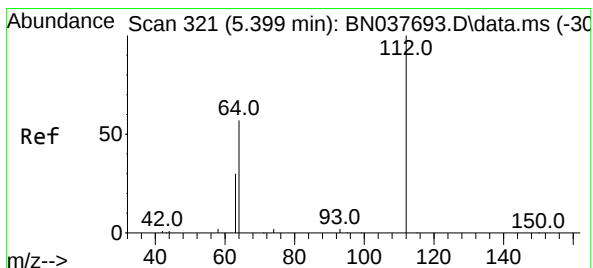
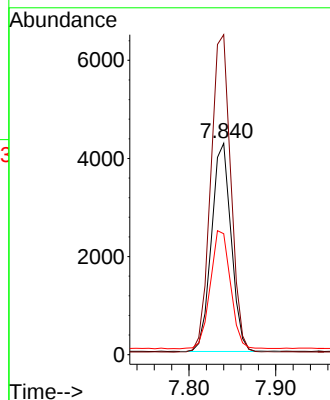


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 659
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

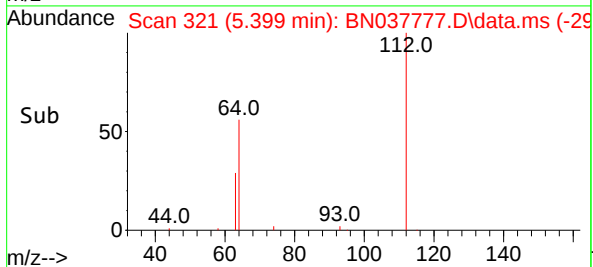
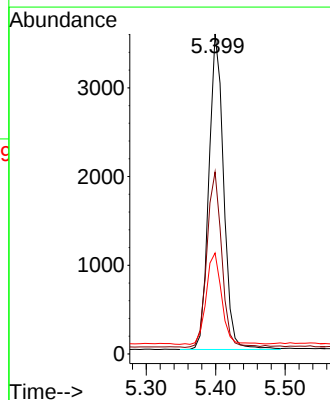
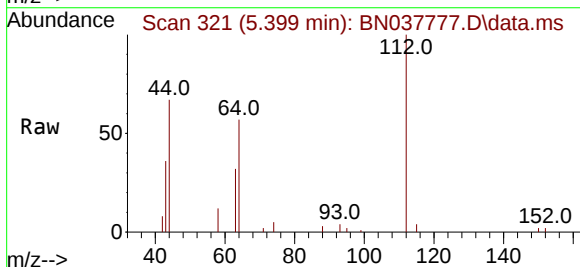


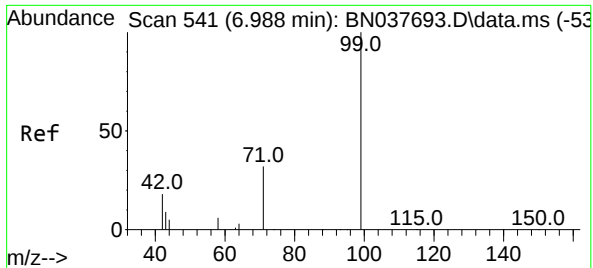
Tgt Ion:152 Resp: 6667
Ion Ratio Lower Upper
152 100
150 151.3 124.5 186.7
115 57.2 49.2 73.8



#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:112 Resp: 5270
Ion Ratio Lower Upper
112 100
64 55.6 44.9 67.3
63 30.1 24.7 37.1

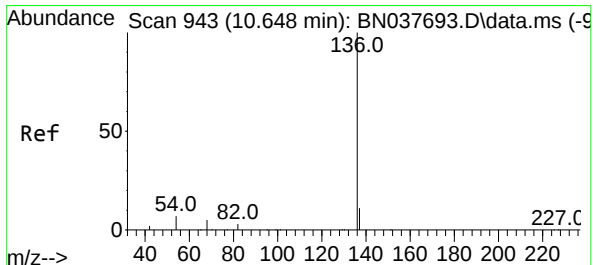
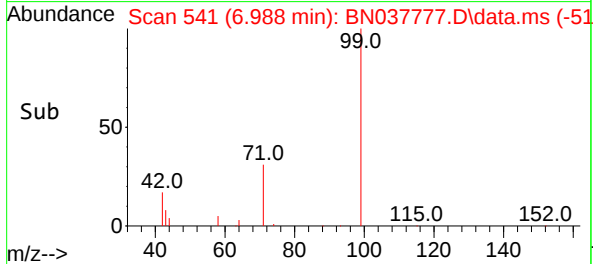
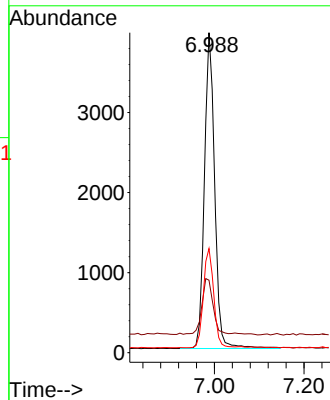
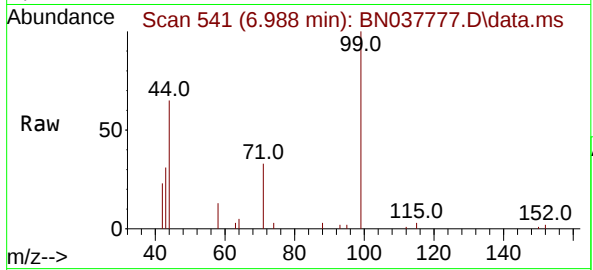




#5
Phenol-d6
Concen: 0.317 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

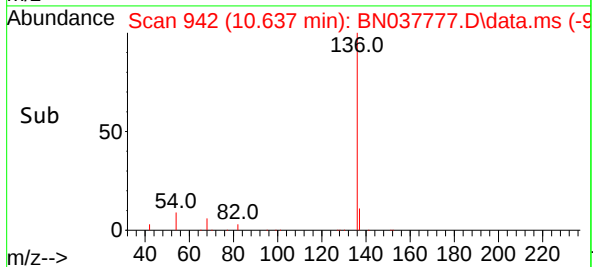
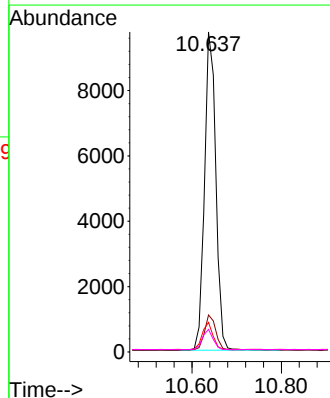
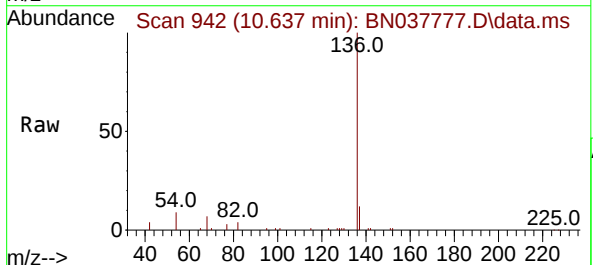
Instrument :
BNA_N
ClientSampleId :
PB169693BL

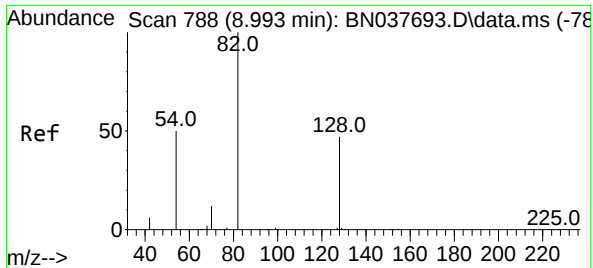
Tgt Ion: 99 Resp: 6284
Ion Ratio Lower Upper
99 100
42 19.0 16.6 24.8
71 31.6 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion: 136 Resp: 17045
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.3 6.3 9.5
68 7.0 5.0 7.4

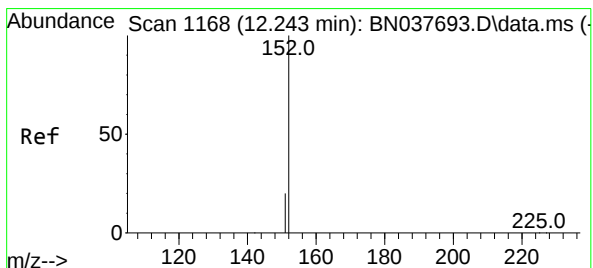
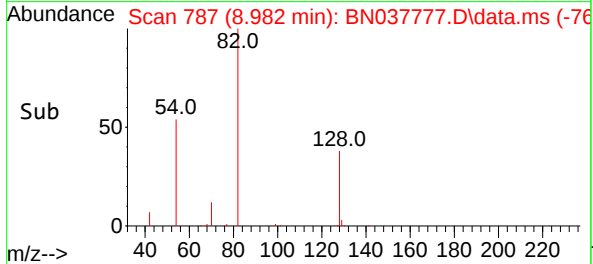
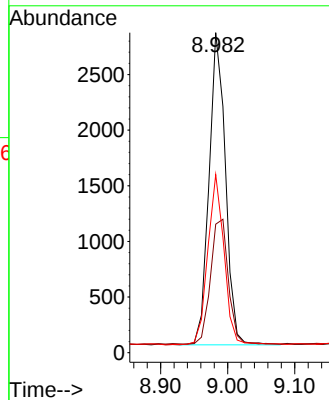
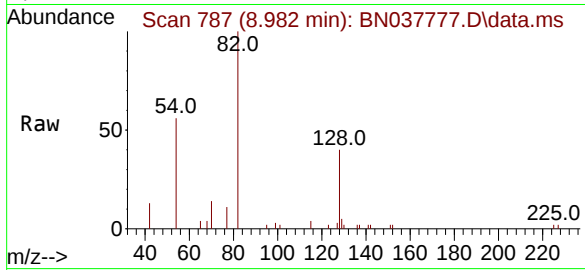




#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

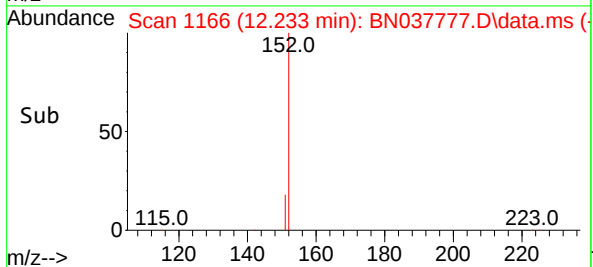
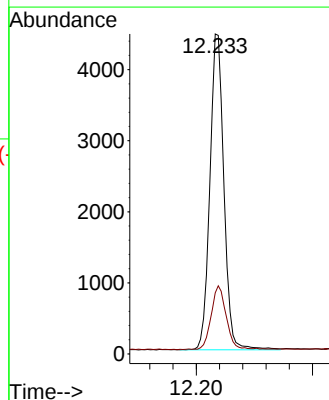
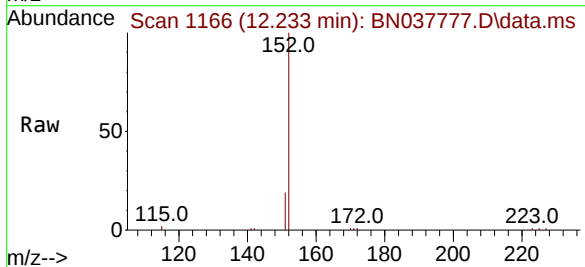
Instrument :
BNA_N
ClientSampleId :
PB169693BL

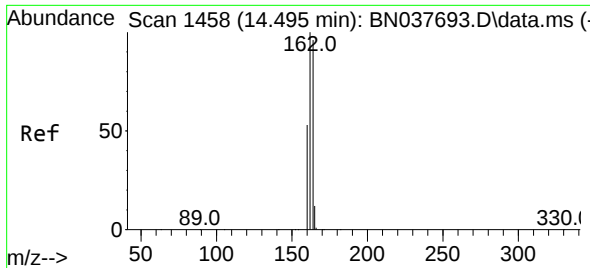
Tgt Ion: 82 Resp: 4777
Ion Ratio Lower Upper
82 100
128 40.2 38.3 57.5
54 55.6 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion: 152 Resp: 7427
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6

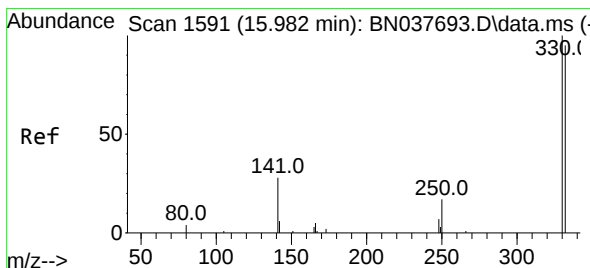
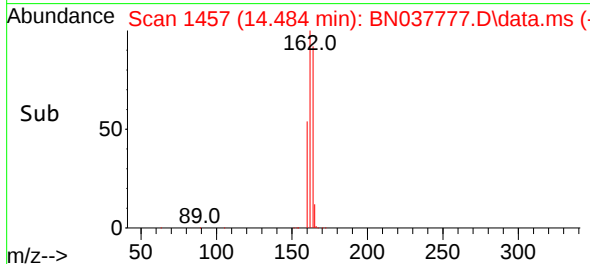
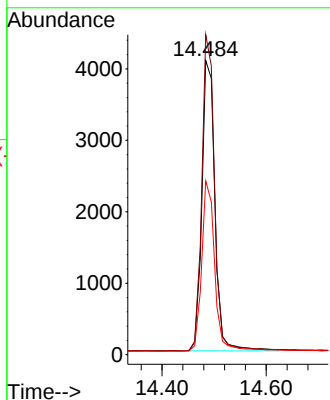
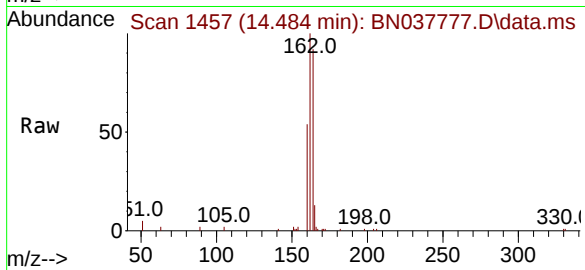




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

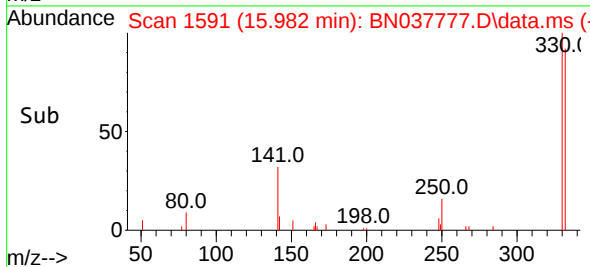
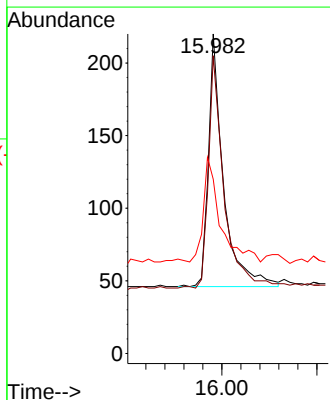
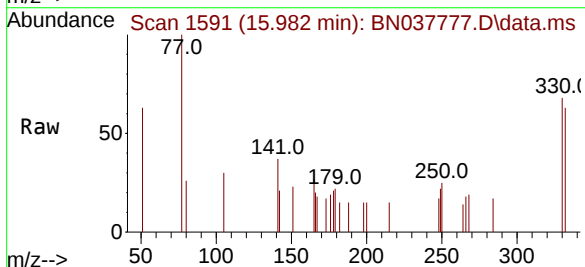
Instrument :
BNA_N
ClientSampleId :
PB169693BL

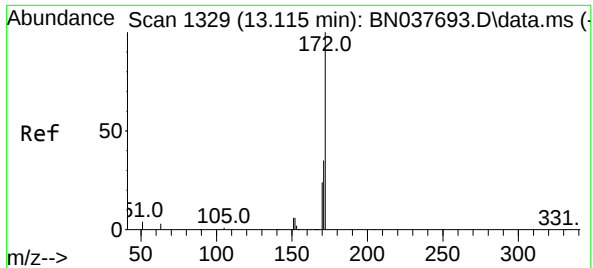
Tgt Ion	164	Resp	7049
Ion Ratio	Lower	Upper	
164	100		
162	108.8	83.1	124.7
160	59.1	44.3	66.5



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion	330	Resp	384
Ion Ratio	Lower	Upper	
330	100		
332	94.0	75.3	112.9
141	46.1	35.0	52.4

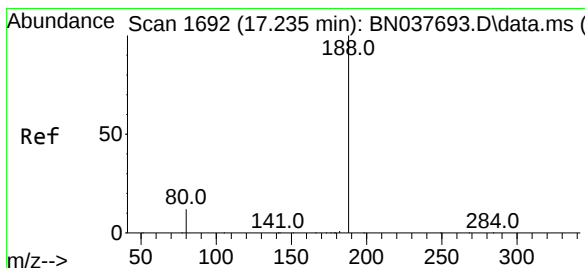
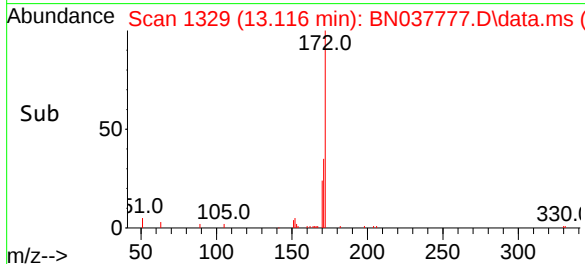
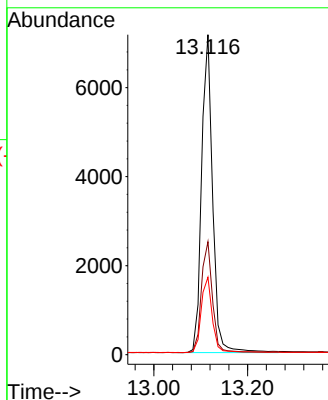
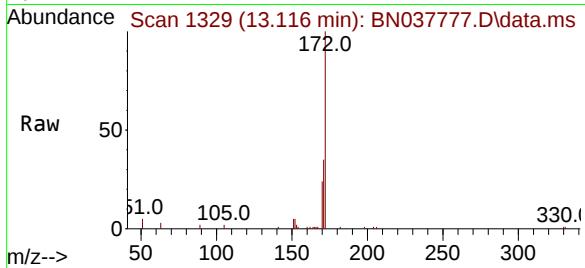




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

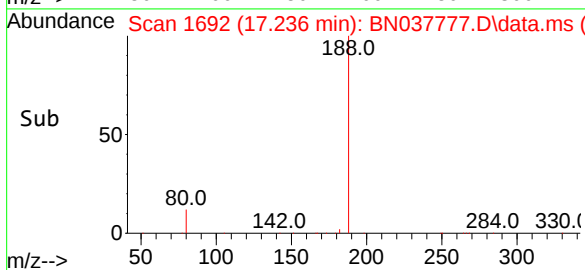
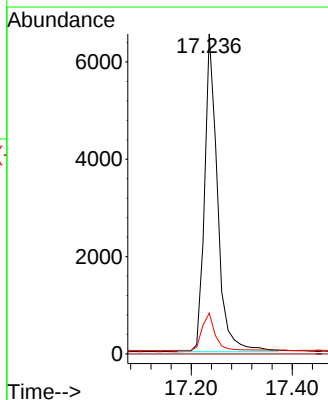
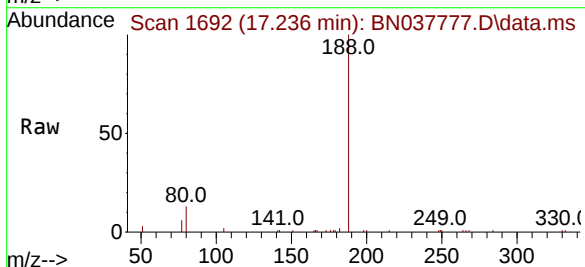
Instrument :
BNA_N
ClientSampleId :
PB169693BL

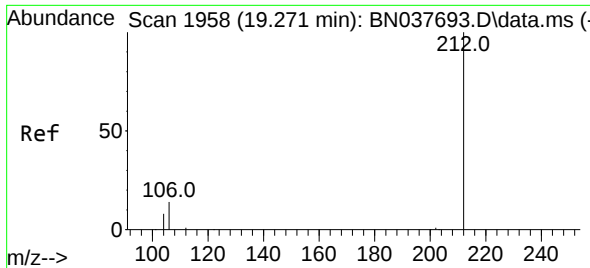
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	24.2	19.8	29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	10.6	15.8

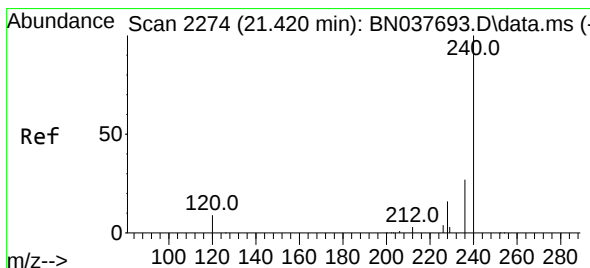
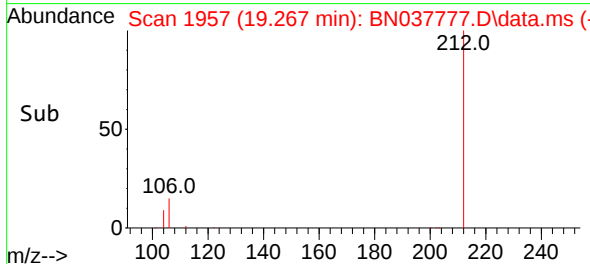
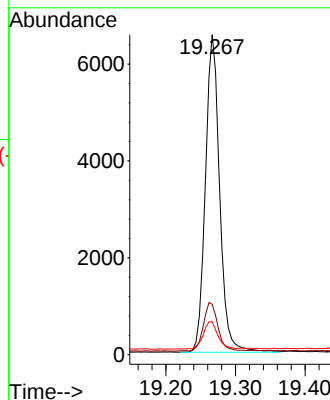
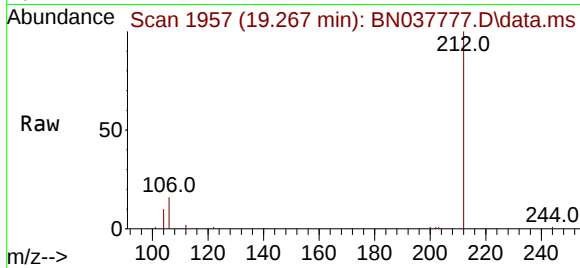




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

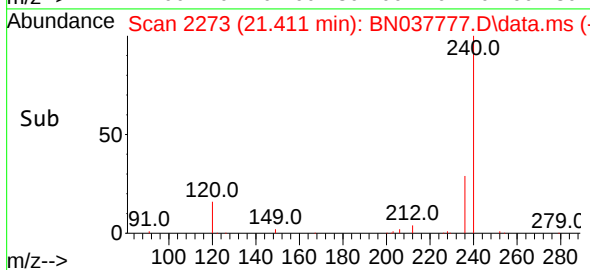
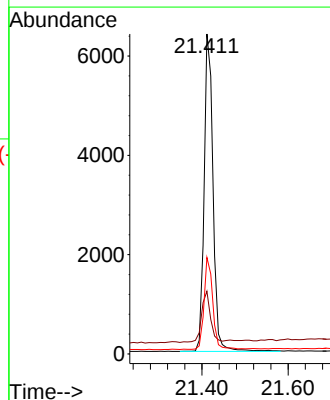
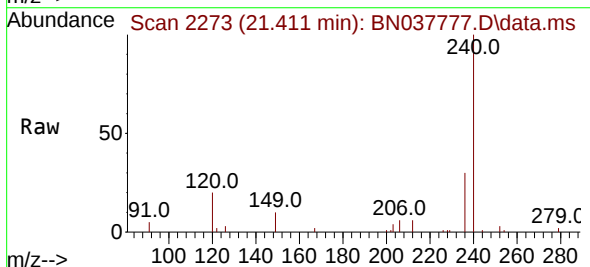
Instrument :
BNA_N
ClientSampleId :
PB169693BL

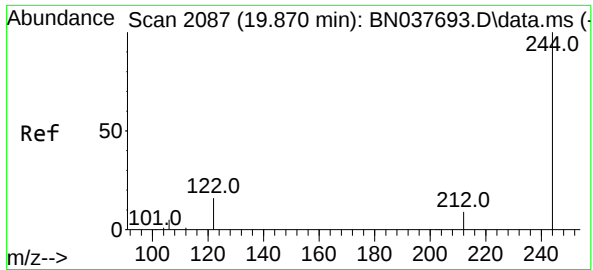
Tgt Ion:	212	Resp:	9319
Ion Ratio	Lower	Upper	
212	100		
106	15.7	12.2	18.2
104	8.9	6.9	10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

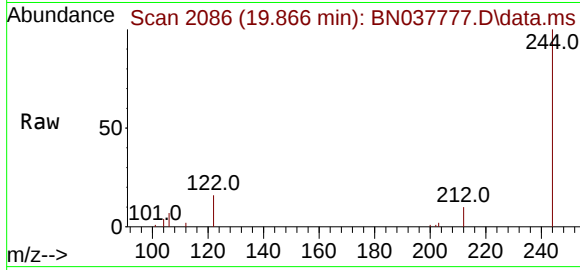
Tgt Ion:	240	Resp:	9221
Ion Ratio	Lower	Upper	
240	100		
120	19.6	9.2	13.8
236	30.1	22.6	33.8



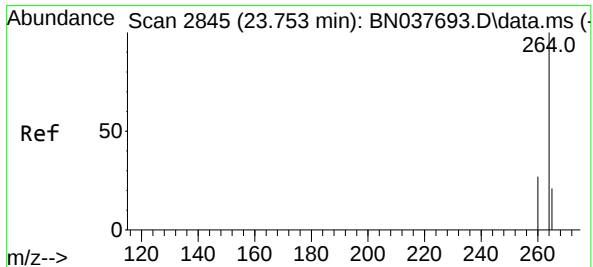
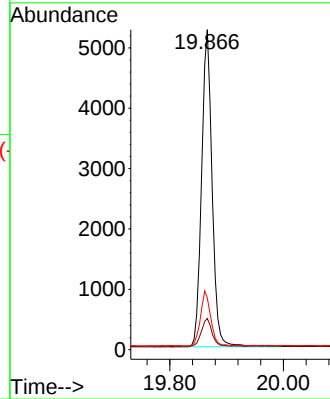
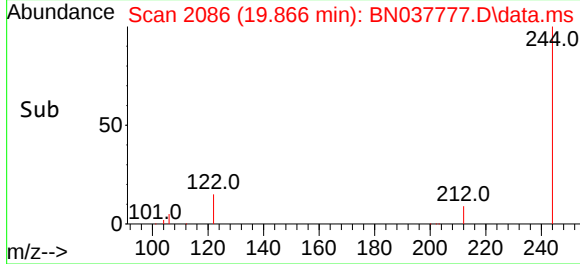


#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Instrument :
BNA_N
ClientSampleId :
PB169693BL

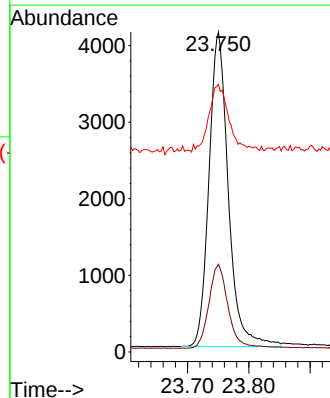
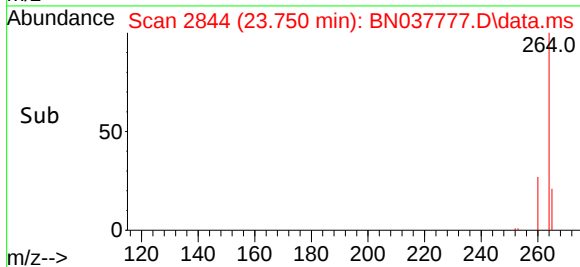
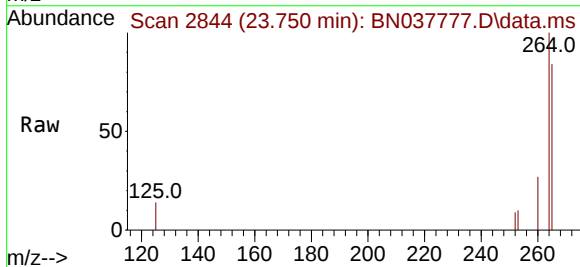


Tgt Ion:244 Resp: 6747
Ion Ratio Lower Upper
244 100
212 9.8 7.5 11.3
122 16.2 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:264 Resp: 9002
Ion Ratio Lower Upper
264 100
260 27.4 21.8 32.8
265 83.6 39.4 59.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037792.D
 Acq On : 19 Sep 2025 00:16
 Operator : RC/JU
 Sample : PB169693BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169693BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/19/2025
 Supervised By :mohammad ahmed 09/23/2025

Quant Time: Sep 19 04:12:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

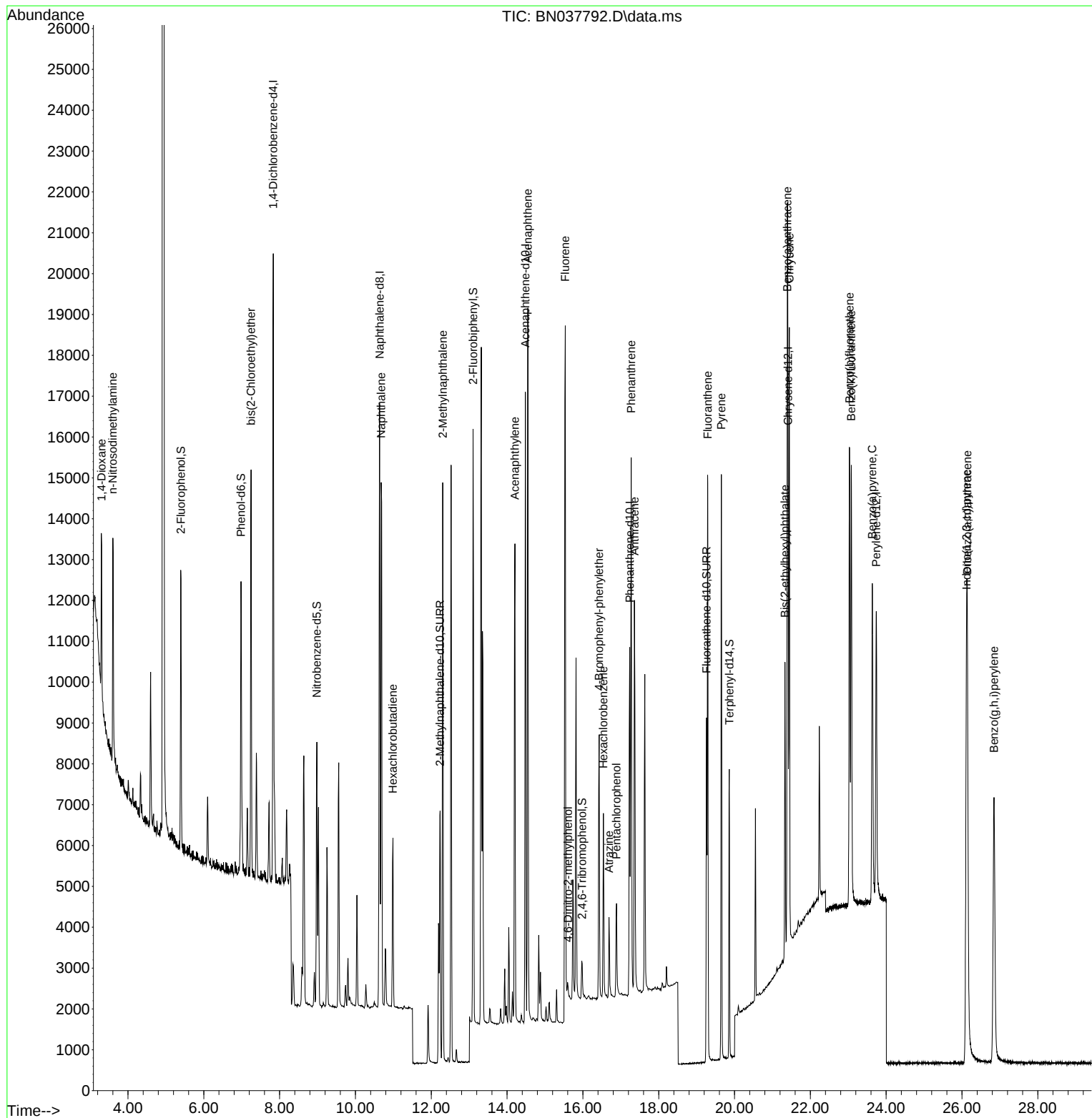
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7441	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19392	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8149	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12386	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10095	0.400	ng	0.00
35) Perylene-d12	23.738	264	10200	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5555	0.325	ng	0.00
5) Phenol-d6	6.980	99	6563	0.296	ng	0.00
8) Nitrobenzene-d5	8.982	82	5088	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7932	0.309	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	674	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	12492	0.367	ng	-0.01
27) Fluoranthene-d10	19.262	212	9050	0.291	ng	0.00
31) Terphenyl-d14	19.861	244	6591	0.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	2366	0.305	ng	# 85
3) n-Nitrosodimethylamine	3.600	42	3300	0.326	ng	# 90
6) bis(2-Chloroethyl)ether	7.248	93	6941	0.351	ng	100
9) Naphthalene	10.680	128	17810	0.336	ng	99
10) Hexachlorobutadiene	10.989	225	3379	0.352	ng	# 99
12) 2-Methylnaphthalene	12.303	142	9820	0.299	ng	99
16) Acenaphthylene	14.206	152	13377	0.358	ng	99
17) Acenaphthene	14.548	154	8509	0.337	ng	99
18) Fluorene	15.535	166	9452	0.309	ng	99
20) 4,6-Dinitro-2-methylph...	15.609	198	305	0.266	ng	# 88
21) 4-Bromophenyl-phenylether	16.428	248	2895	0.358	ng	# 92
22) Hexachlorobenzene	16.540	284	3601	0.388	ng	98
23) Atrazine	16.689	200	1710	0.333	ng	# 94
24) Pentachlorophenol	16.888	266	1388	0.515	ng	98
25) Phenanthrene	17.273	178	13505	0.346	ng	100
26) Anthracene	17.359	178	11748	0.340	ng	99
28) Fluoranthene	19.294	202	12912	0.302	ng	100
30) Pyrene	19.652	202	12854	0.325	ng	100
32) Benzo(a)anthracene	21.393	228	12540	0.356	ng	100
33) Chrysene	21.447	228	13567	0.359	ng	100
34) Bis(2-ethylhexyl)phtha...	21.331	149	3708	0.355	ng	98
36) Indeno(1,2,3-cd)pyrene	26.118	276	17423	0.407	ng	99
37) Benzo(b)fluoranthene	23.034	252	14955	0.372	ng	# 96
38) Benzo(k)fluoranthene	23.081	252	14241m	0.348	ng	
39) Benzo(a)pyrene	23.633	252	12714	0.395	ng	# 94
40) Dibenzo(a,h)anthracene	26.142	278	13475	0.394	ng	99
41) Benzo(g,h,i)perylene	26.843	276	15272	0.398	ng	99

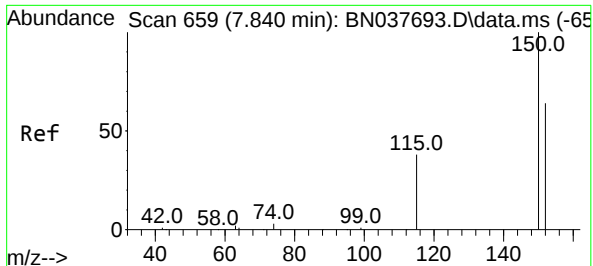
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Manual Integrations APPROVED

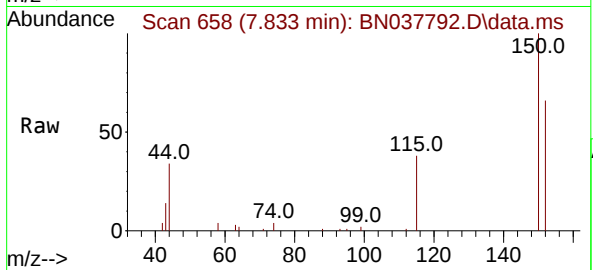
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

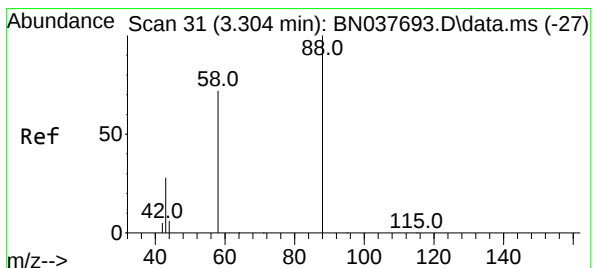
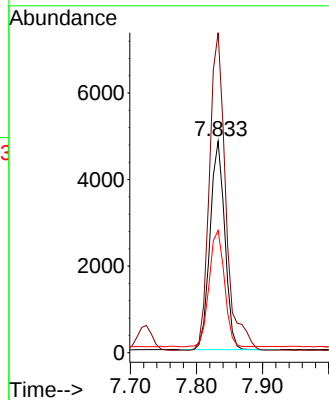
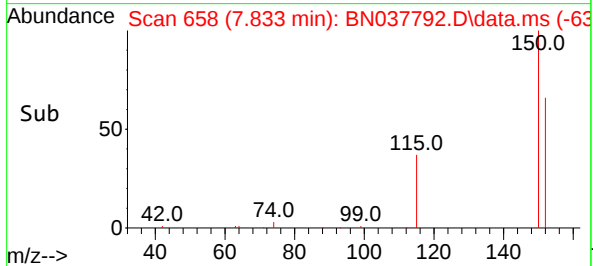
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 151.3 124.5 186.7
115 57.8 49.2 73.8

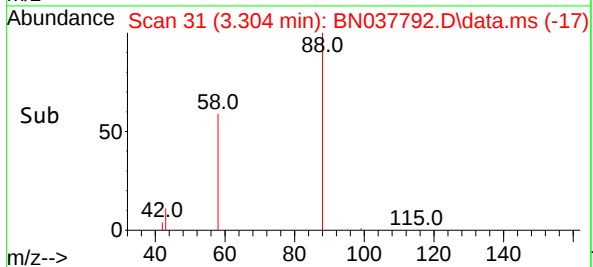
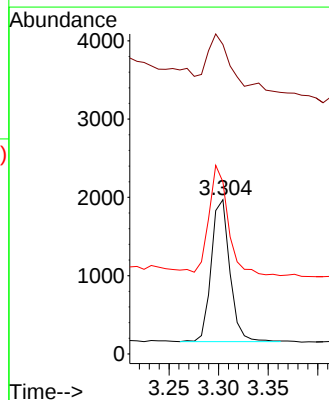
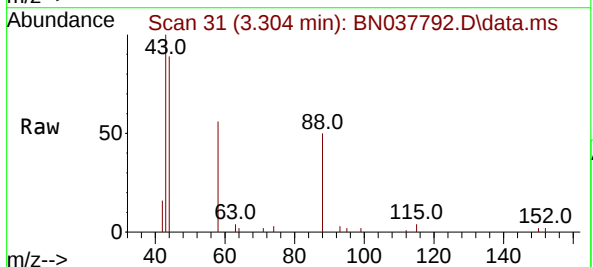
Manual Integrations
APPROVED

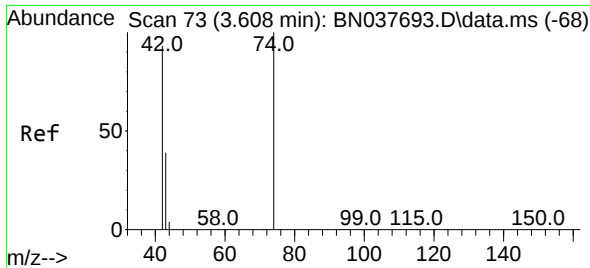
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 88 Resp: 2366
Ion Ratio Lower Upper
88 100
43 56.6 26.8 40.2#
58 80.3 61.9 92.9





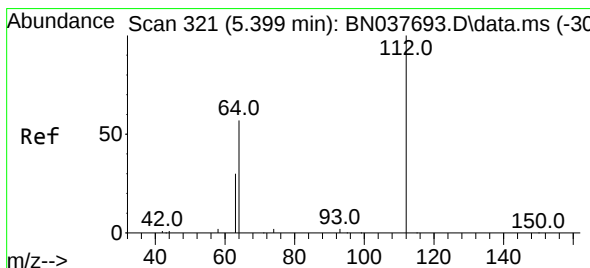
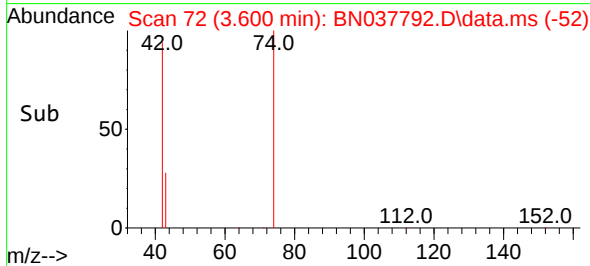
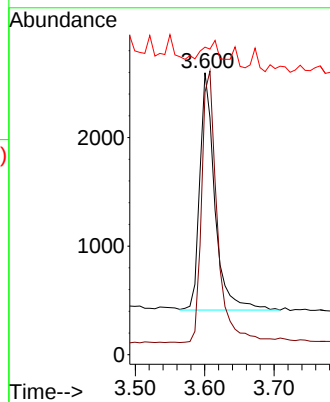
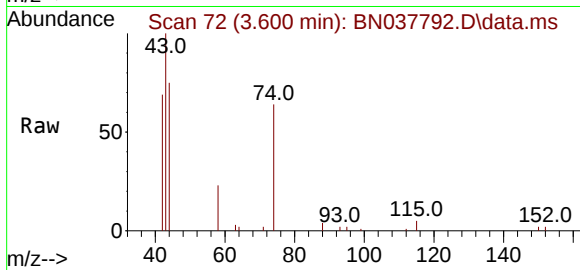
#3
n-Nitrosodimethylamine
Concen: 0.326 ng
RT: 3.600 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Tgt Ion: 42 Resp: 3300
Ion Ratio Lower Upper
42 100
74 118.9 86.0 129.0
44 8.3 8.4 12.6

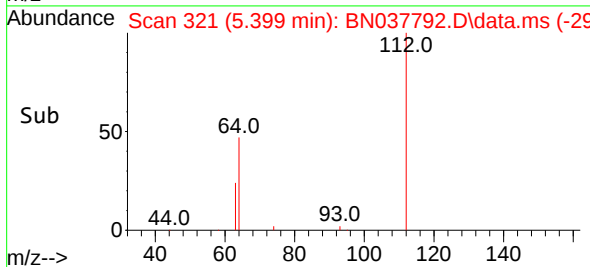
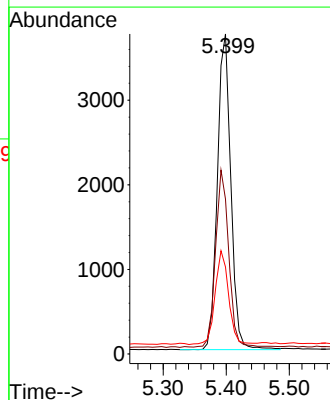
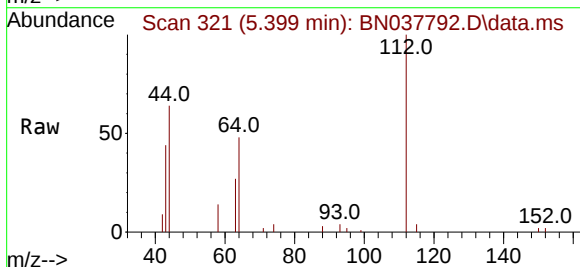
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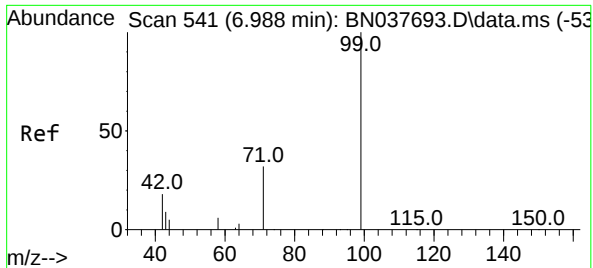
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

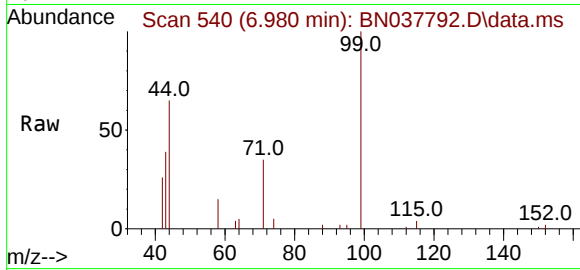
Tgt Ion:112 Resp: 5555
Ion Ratio Lower Upper
112 100
64 55.5 44.9 67.3
63 29.6 24.7 37.1





#5
Phenol-d6
Concen: 0.296 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

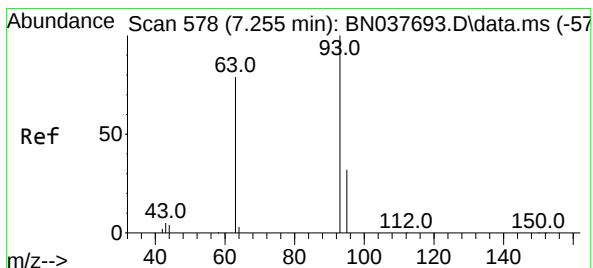
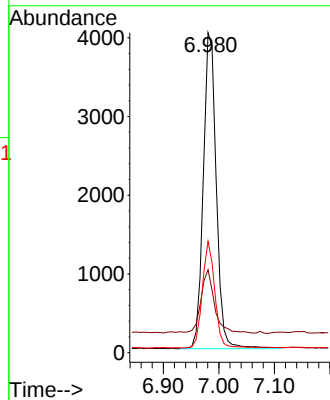
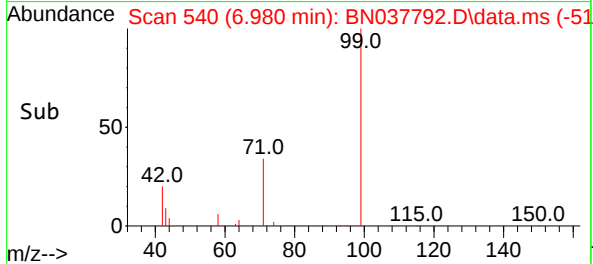
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion: 99 Resp: 656
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 32.2 26.7 40.1

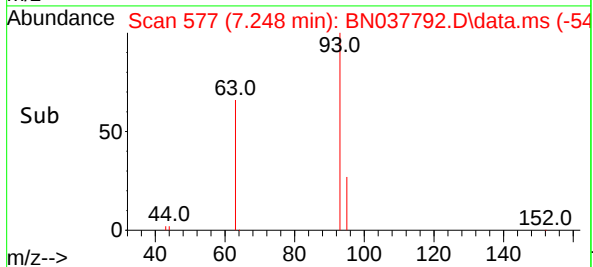
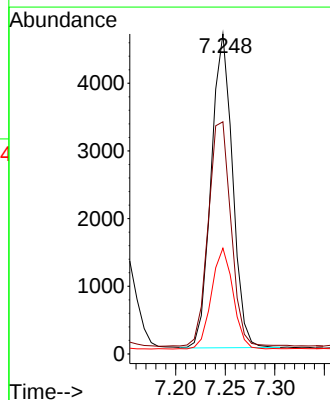
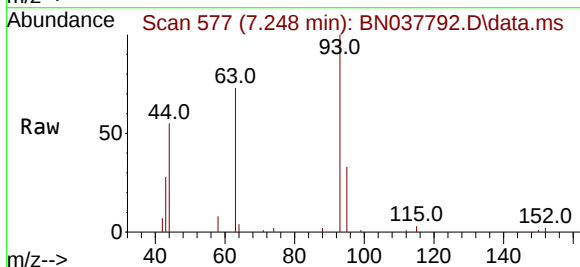
Manual Integrations
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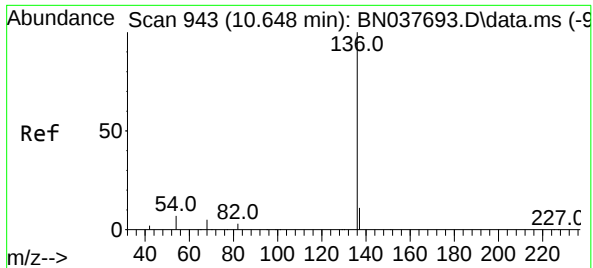
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion: 93 Resp: 6941
Ion Ratio Lower Upper
93 100
63 76.1 60.6 90.8
95 32.6 26.0 39.0





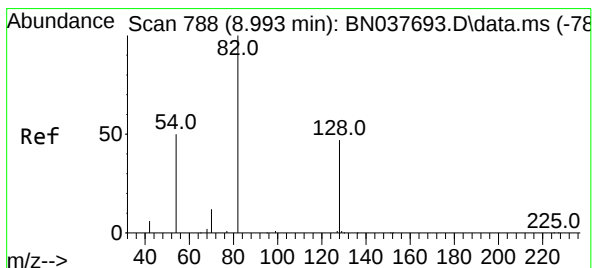
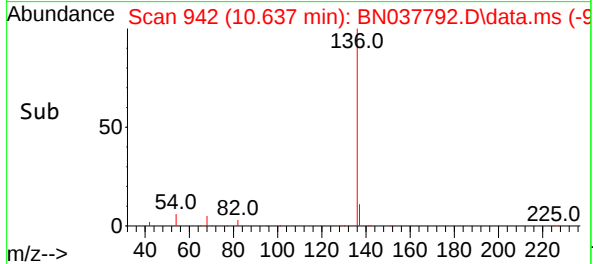
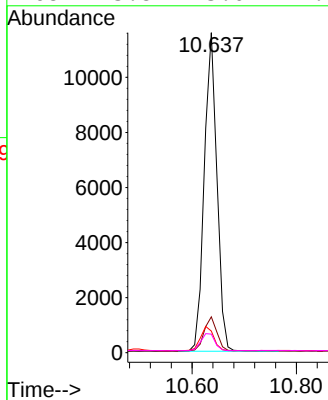
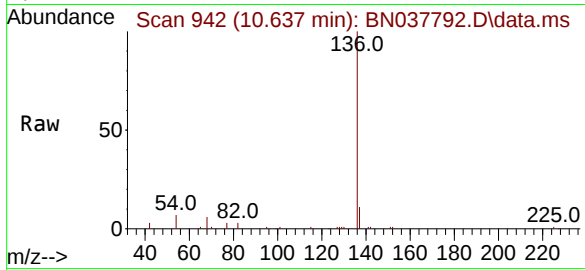
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Tgt Ion:	136	Resp:	1939
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	6.3	9.5
68	5.8	5.0	7.4

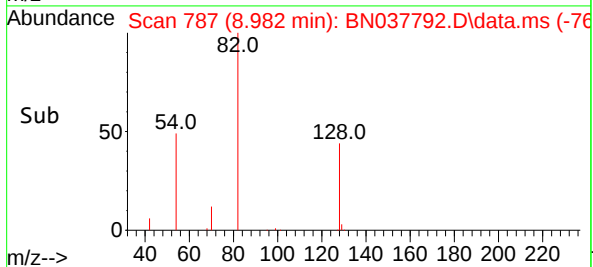
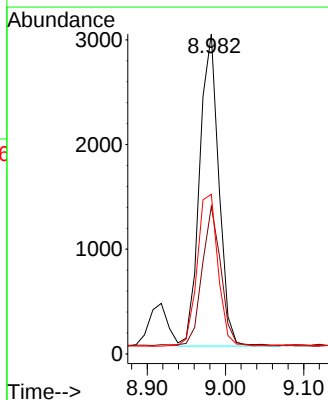
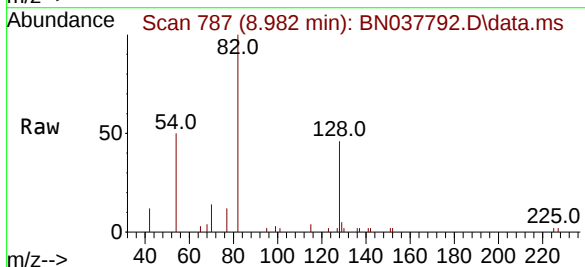
Manual Integrations
APPROVED

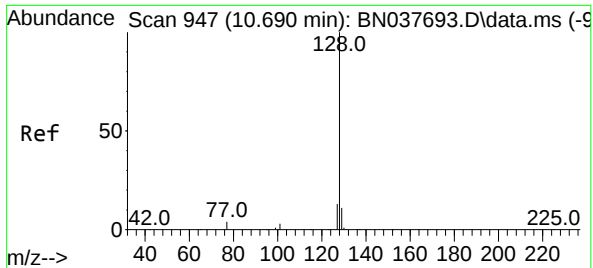
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:	82	Resp:	5088
Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.3	57.5
54	49.9	41.4	62.2





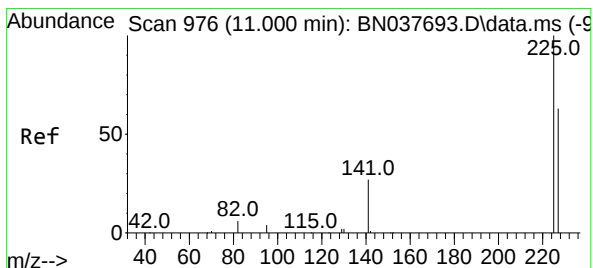
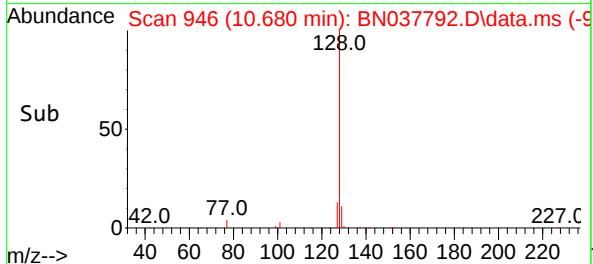
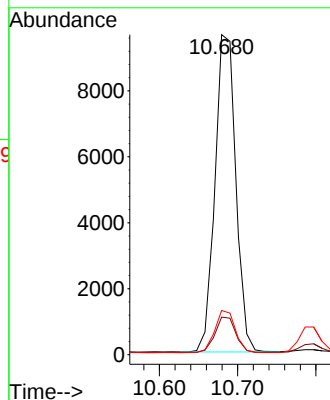
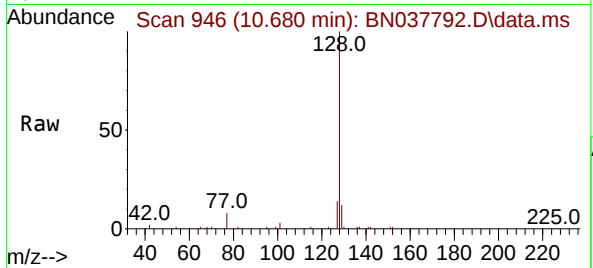
#9
Naphthalene
Concen: 0.336 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Instrument :
BNA_N
ClientSampleId :
PB169693BS

Tgt Ion:128 Resp: 17810
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.8 10.9 16.3

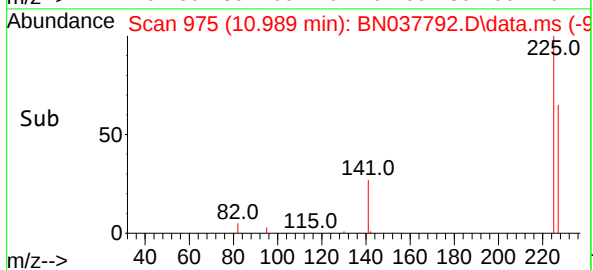
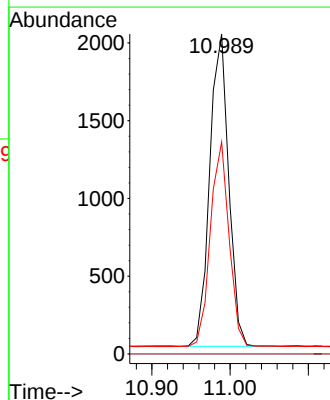
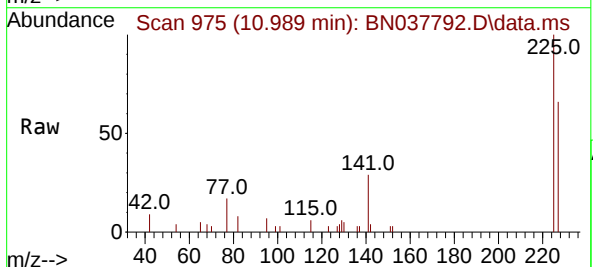
Manual Integrations
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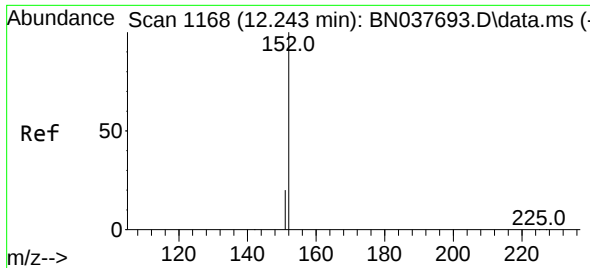
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

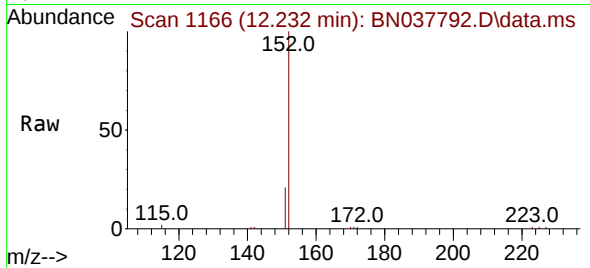
Tgt Ion:225 Resp: 3379
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

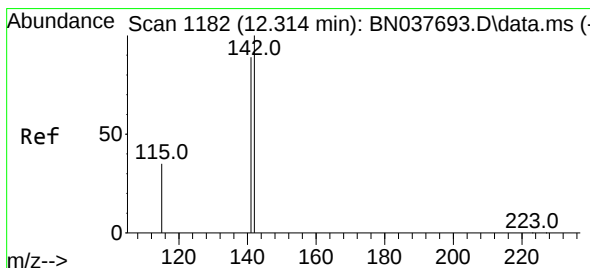
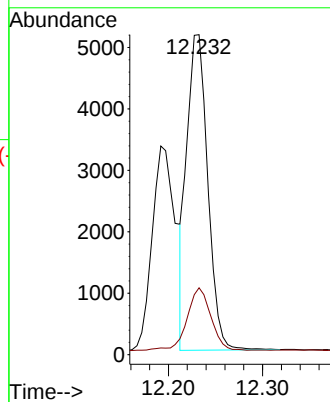
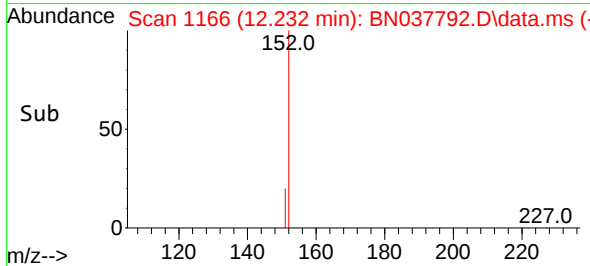
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:152 Resp: 7932
Ion Ratio Lower Upper
152 100
151 22.6 17.0 25.6

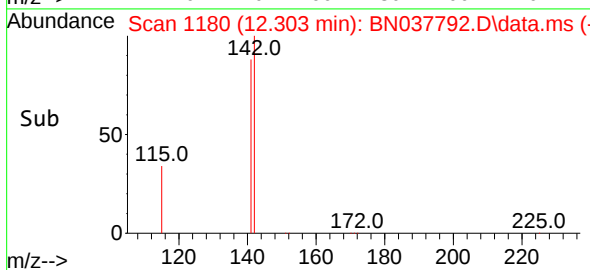
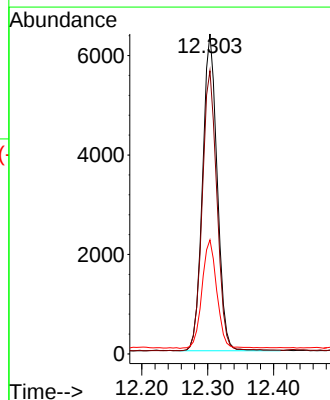
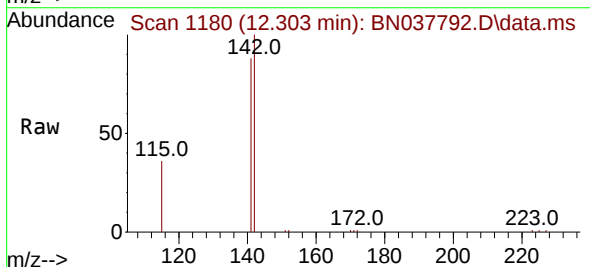
Manual Integrations
APPROVED

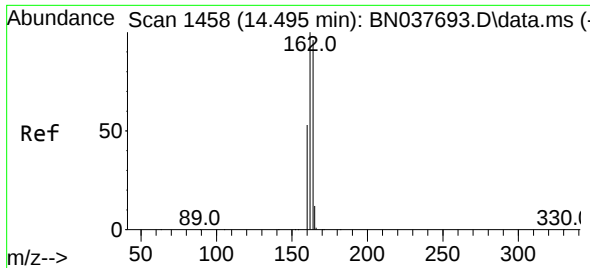
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#12
2-Methylnaphthalene
Concen: 0.299 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

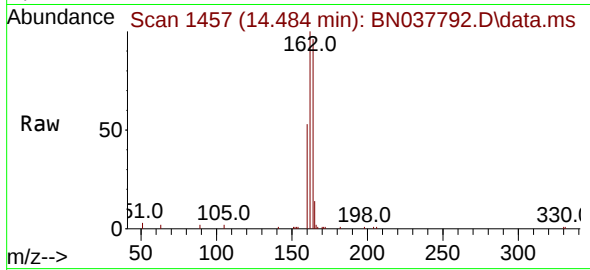
Tgt Ion:142 Resp: 9820
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4
115 35.7 28.6 43.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

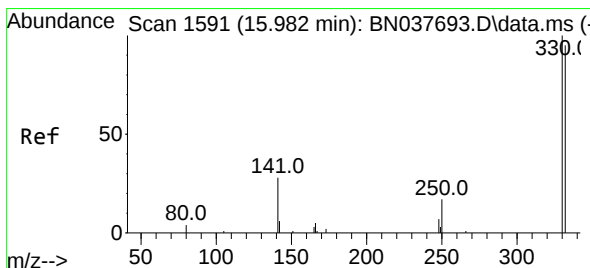
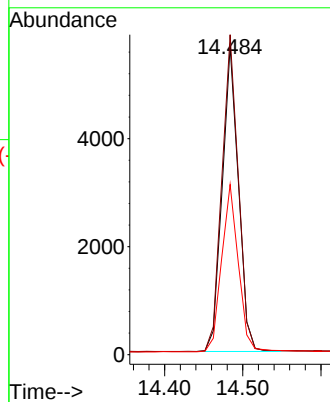
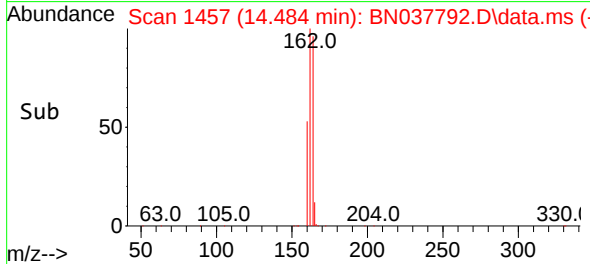
Instrument :
BNA_N
ClientSampleId :
PB169693BS



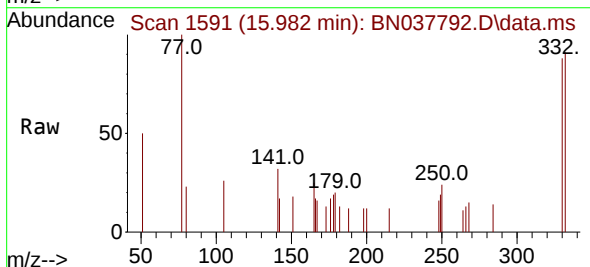
Tgt Ion:164 Resp: 8149
Ion Ratio Lower Upper
164 100
162 103.7 83.1 124.7
160 55.2 44.3 66.5

Manual Integrations
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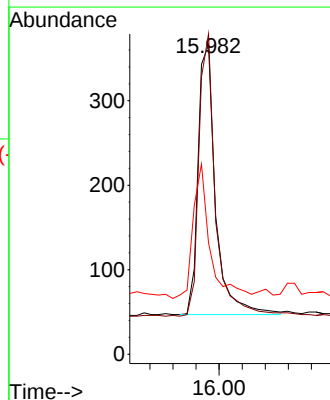
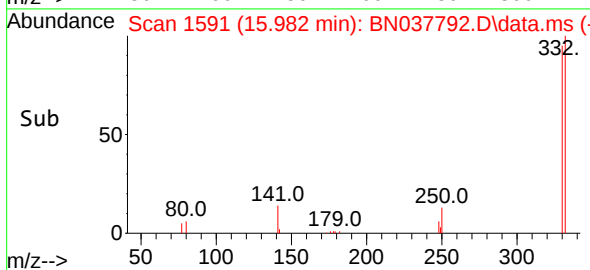
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

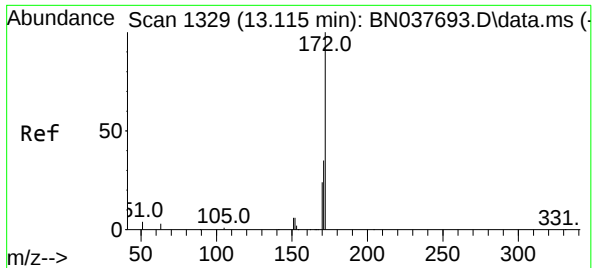


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16



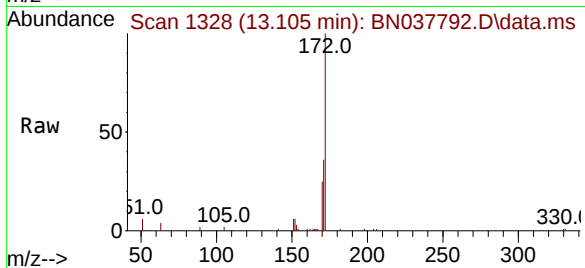
Tgt Ion:330 Resp: 674
Ion Ratio Lower Upper
330 100
332 99.4 75.3 112.9
141 47.6 35.0 52.4





#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 1329
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

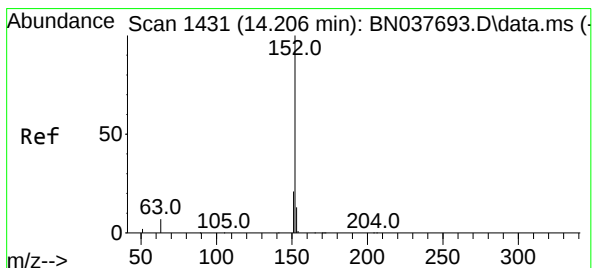
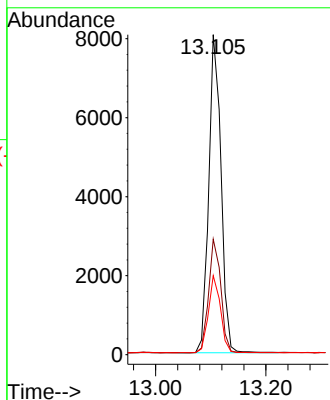
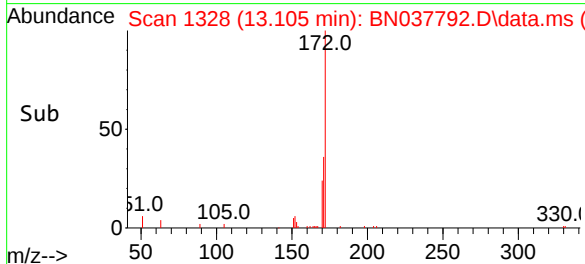
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:172 Resp: 12492
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.7 19.8 29.8

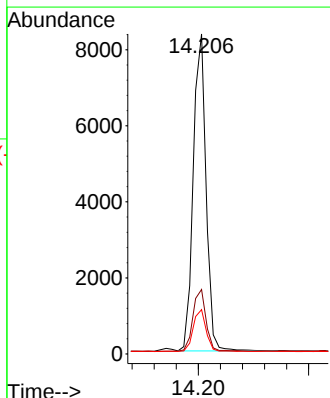
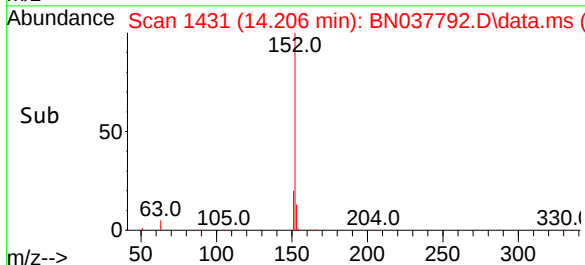
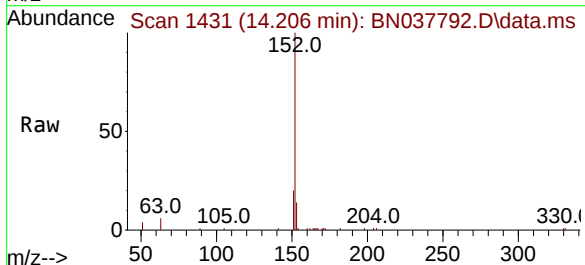
Manual Integrations
APPROVED

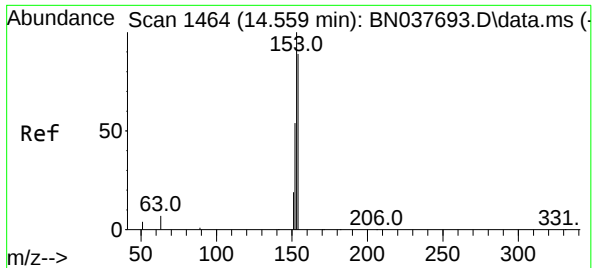
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

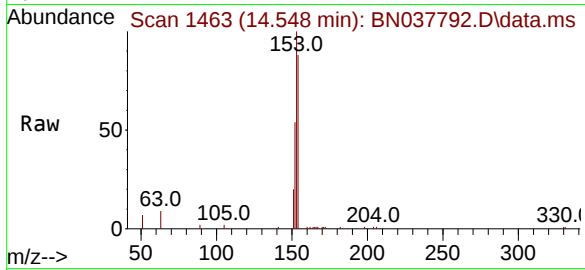
Tgt Ion:152 Resp: 13377
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.4 15.6





#17
Acenaphthene
Concen: 0.337 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

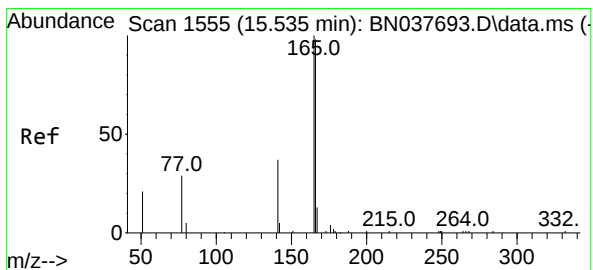
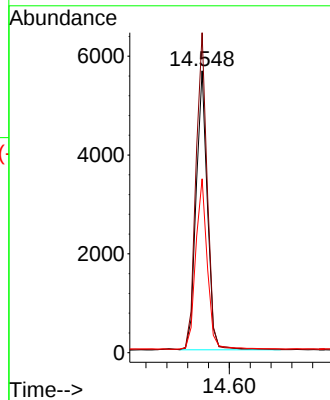
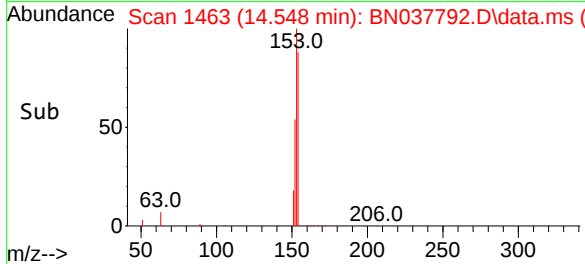
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:154 Resp: 8509
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 62.9 50.2 75.2

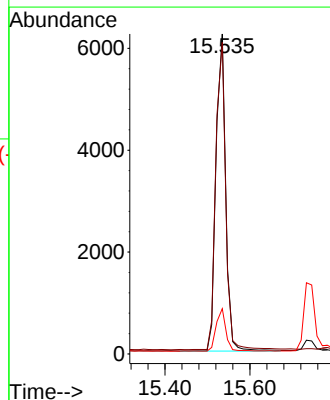
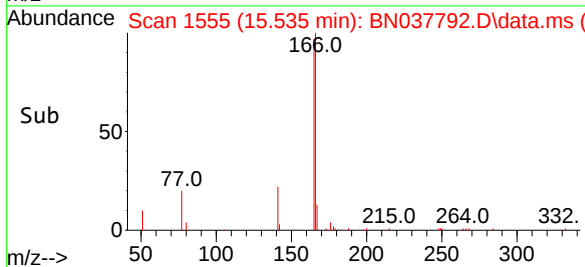
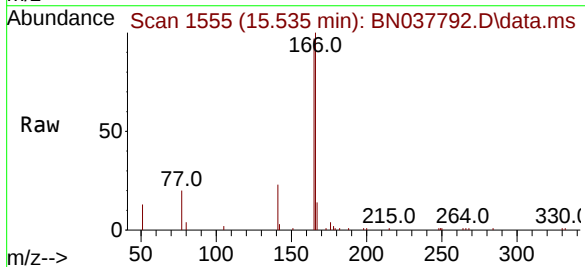
Manual Integrations
APPROVED

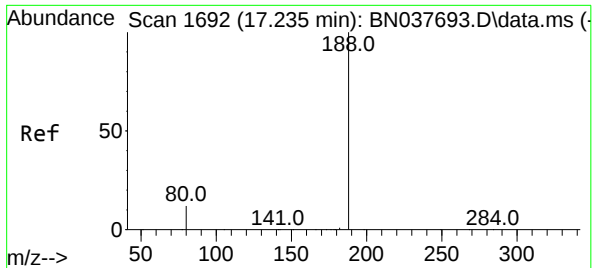
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#18
Fluorene
Concen: 0.309 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:166 Resp: 9452
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 13.9 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

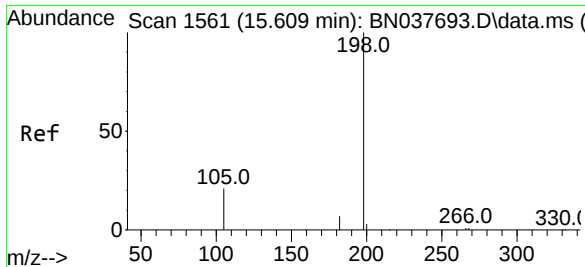
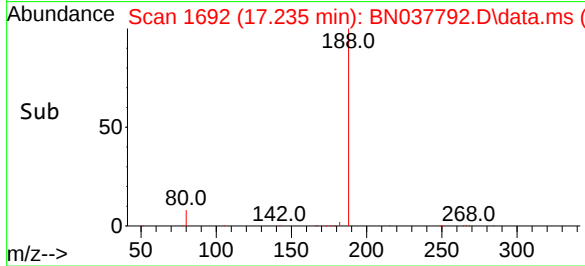
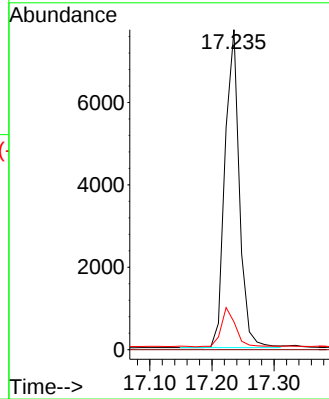
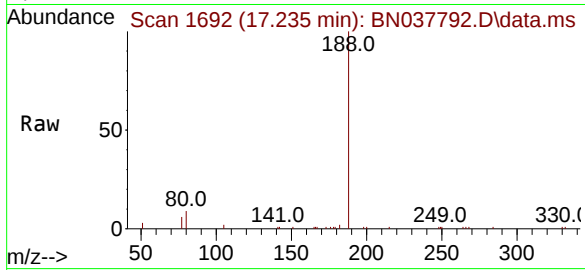
Instrument :

BNA_N

ClientSampleId :

PB169693BS

Tgt Ion:188	Resp:	1238
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.7	10.6

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

#20

4,6-Dinitro-2-methylphenol

Concen: 0.266 ng

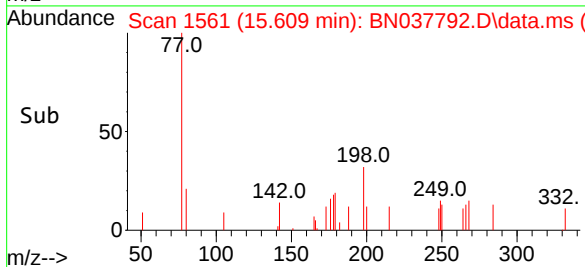
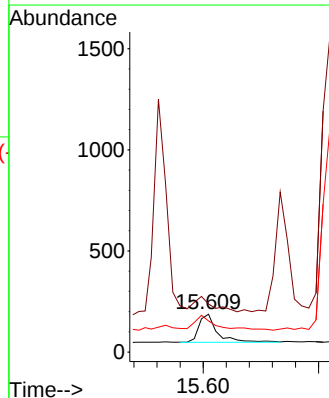
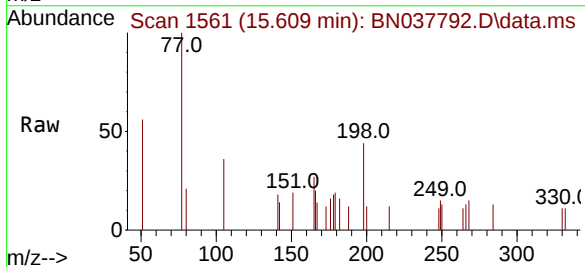
RT: 15.609 min Scan# 1561

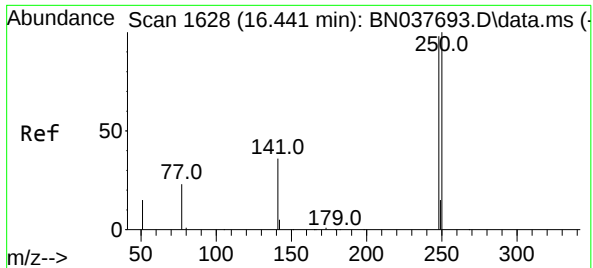
Delta R.T. 0.000 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

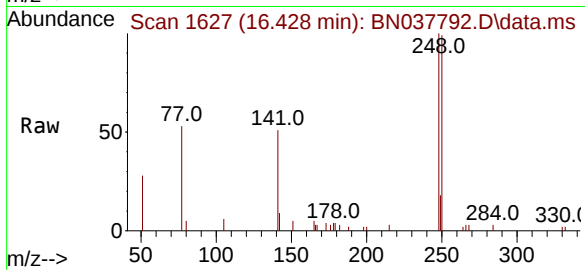
Tgt Ion:198	Resp:	305
Ion Ratio	Lower	Upper
198	100	
51	127.3	95.1
105	82.4	53.8





#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.428 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

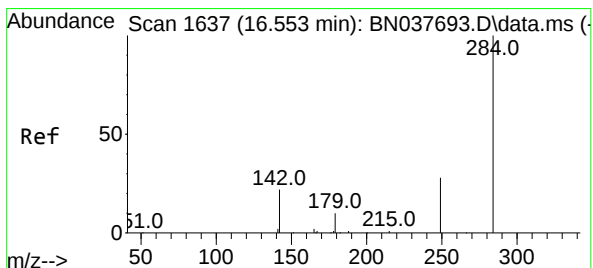
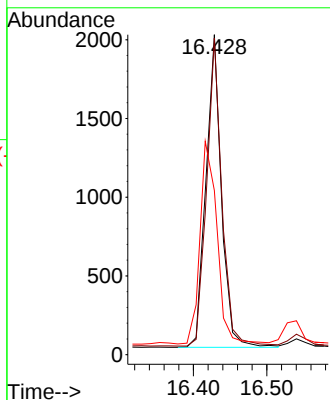
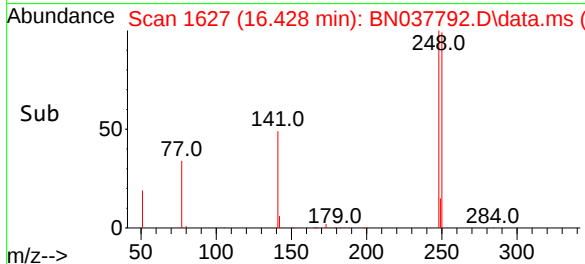
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:248 Resp: 289
Ion Ratio Lower Upper
248 100
250 99.0 81.5 122.3
141 51.3 30.8 46.2

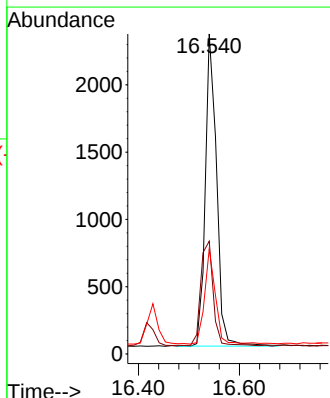
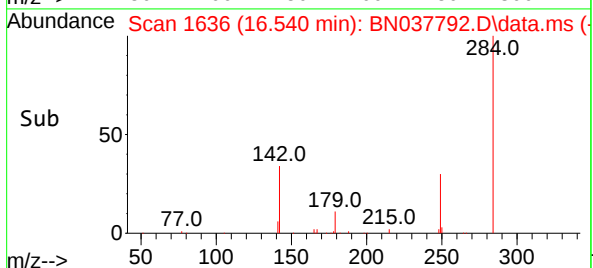
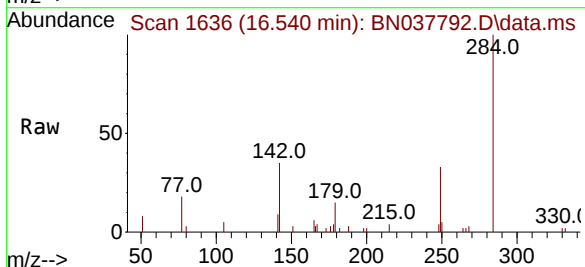
Manual Integrations
APPROVED

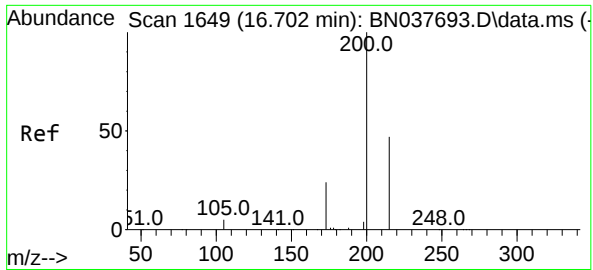
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

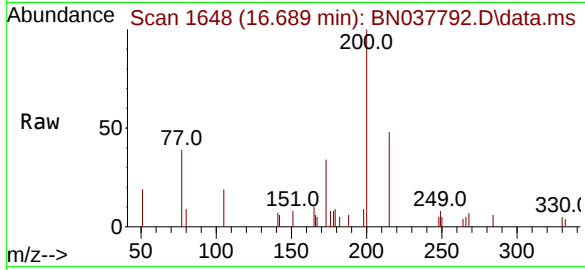
Tgt Ion:284 Resp: 3601
Ion Ratio Lower Upper
284 100
142 37.9 30.9 46.3
249 28.9 24.8 37.2





#23
Atrazine
Concen: 0.333 ng
RT: 16.689 min Scan# 1648
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

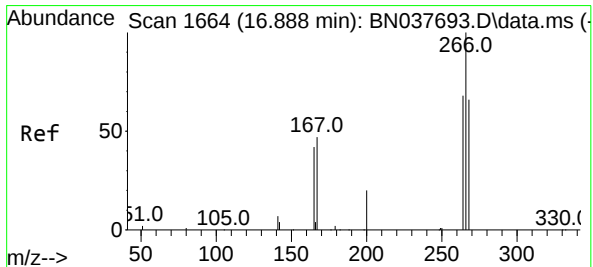
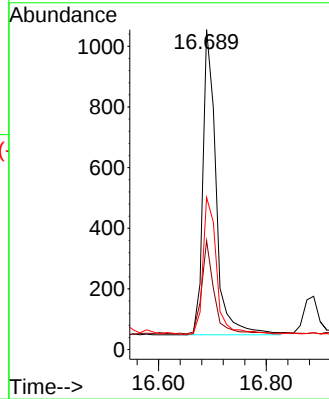
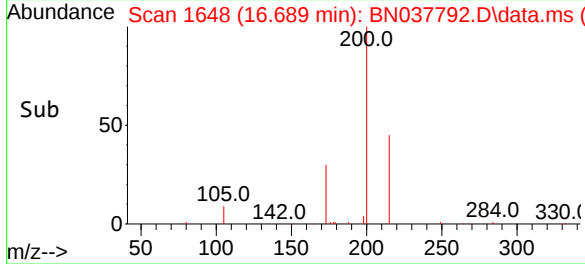
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:200 Resp: 1710
Ion Ratio Lower Upper
200 100
173 34.0 21.4 32.2
215 47.6 39.2 58.8

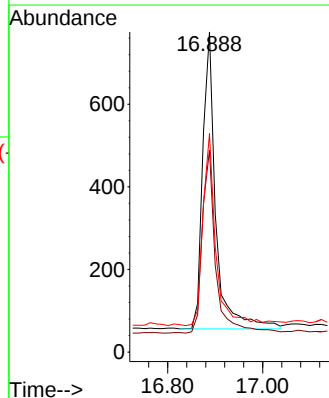
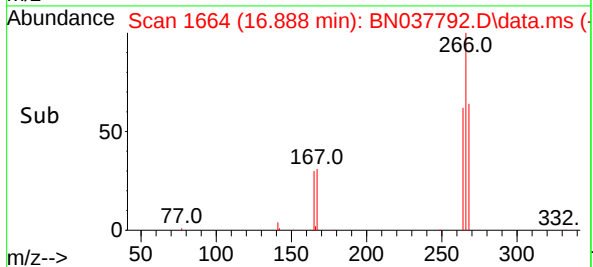
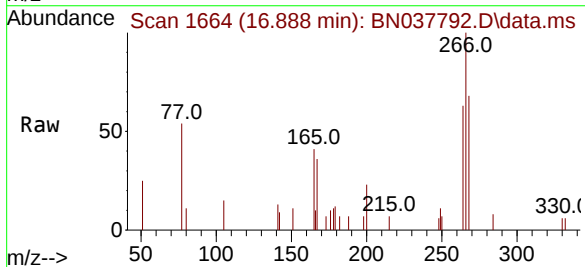
Manual Integrations
APPROVED

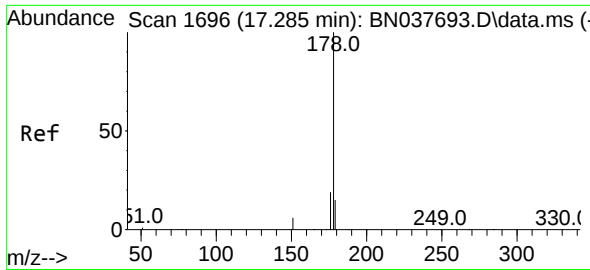
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#24
Pentachlorophenol
Concen: 0.515 ng
RT: 16.888 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

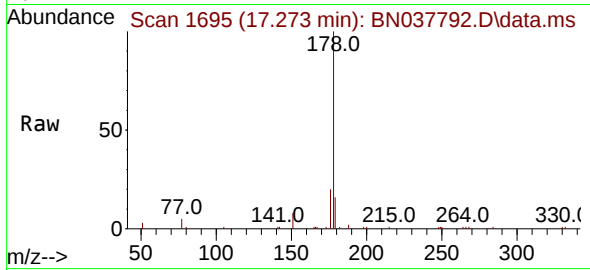
Tgt Ion:266 Resp: 1388
Ion Ratio Lower Upper
266 100
264 62.3 51.6 77.4
268 65.3 53.2 79.8





#25
Phenanthrene
Concen: 0.346 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

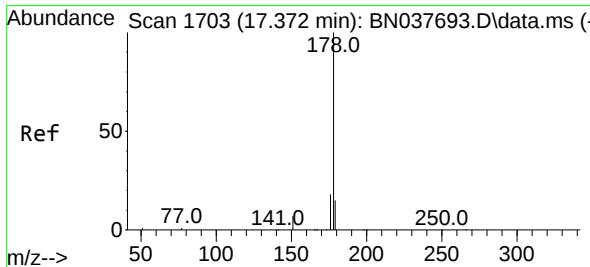
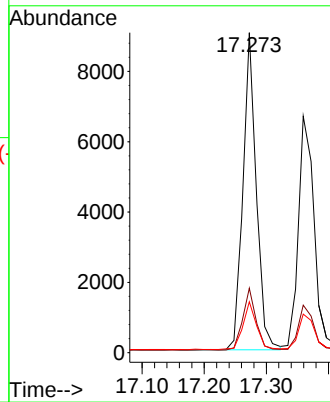
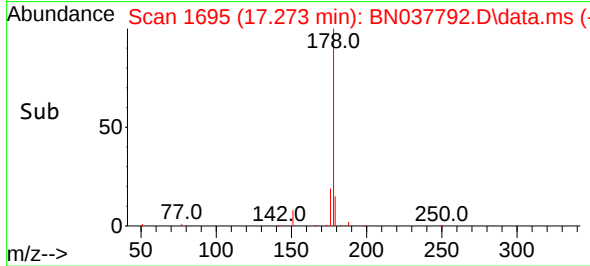
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:178 Resp: 1350
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.3 12.2 18.2

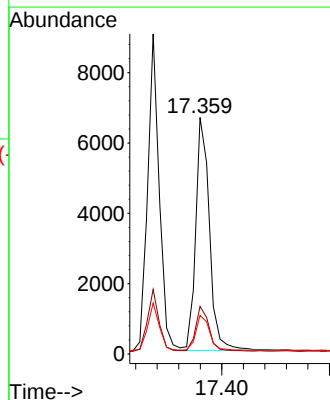
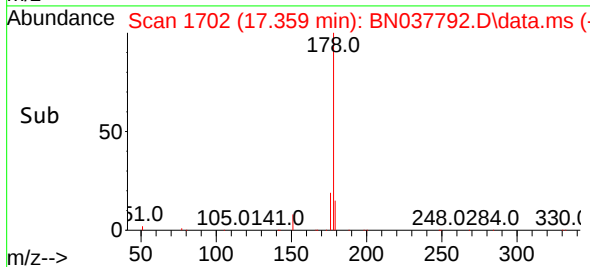
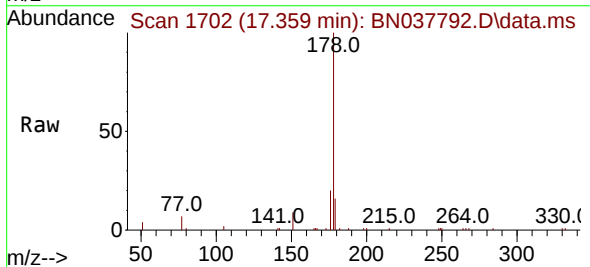
Manual Integrations
APPROVED

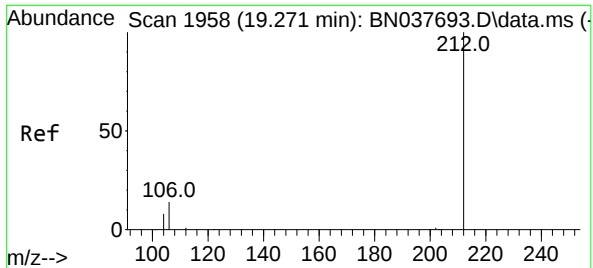
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#26
Anthracene
Concen: 0.340 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

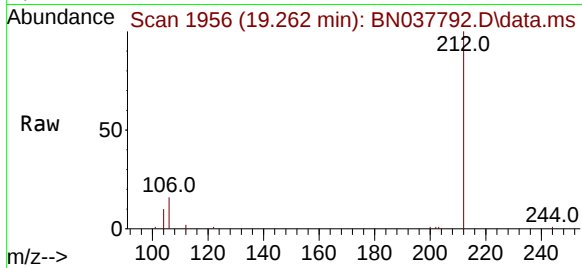
Tgt Ion:178 Resp: 11748
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.4 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

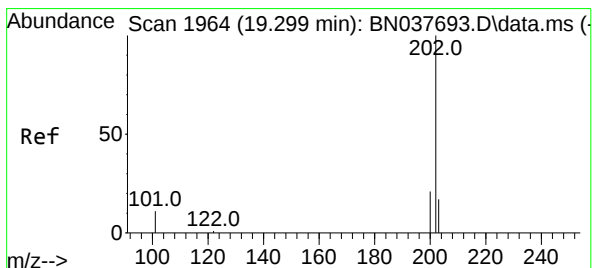
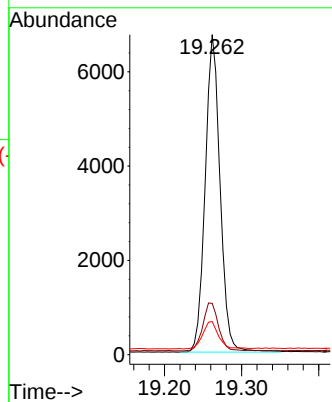
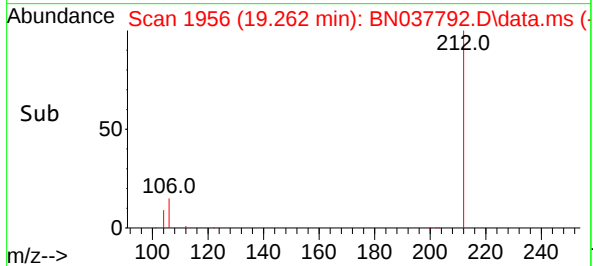
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:212 Resp: 9050
Ion Ratio Lower Upper
212 100
106 15.8 12.2 18.2
104 9.2 6.9 10.3

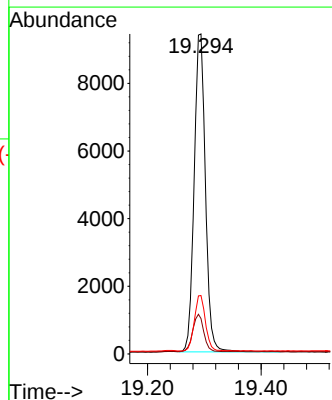
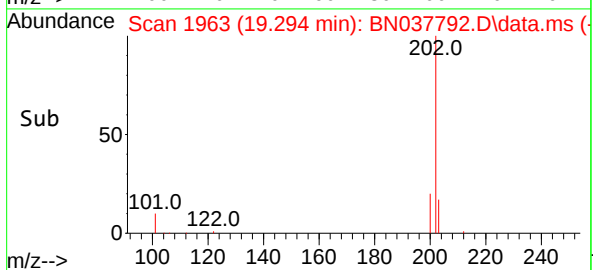
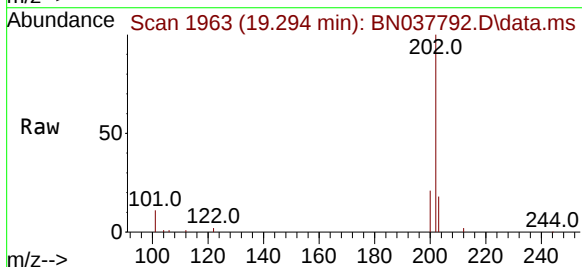
Manual Integrations
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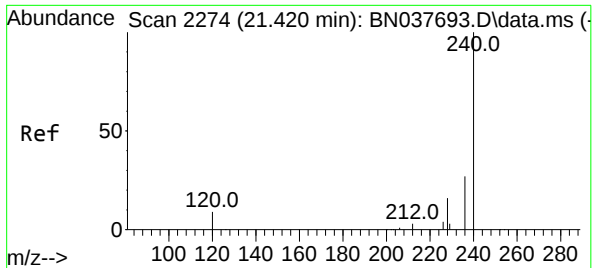
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#28
Fluoranthene
Concen: 0.302 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

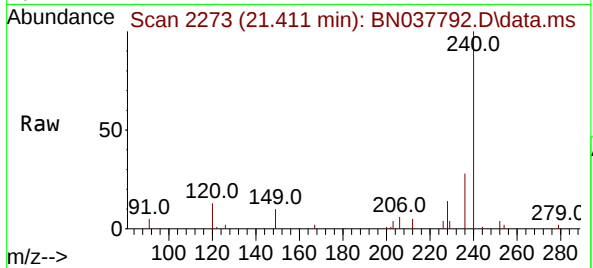
Tgt Ion:202 Resp: 12912
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
203 17.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

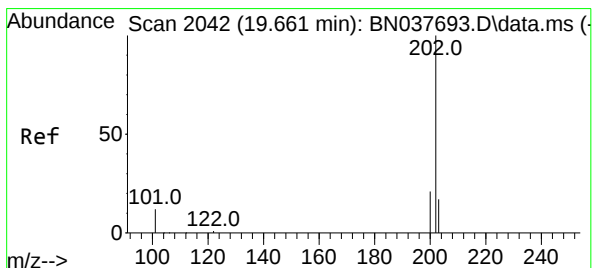
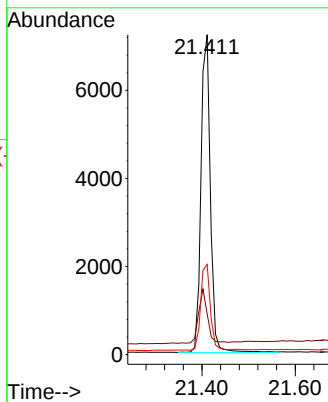
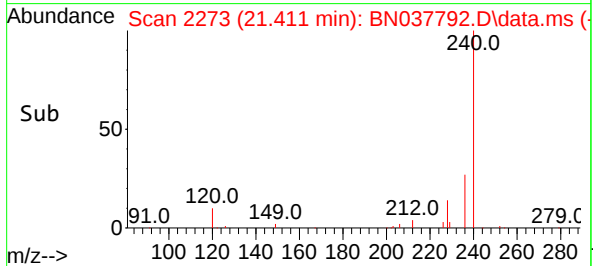
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:240 Resp: 1009
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 28.2 22.6 33.8

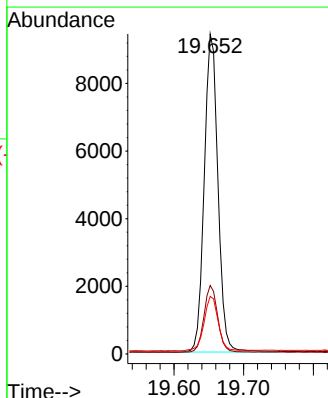
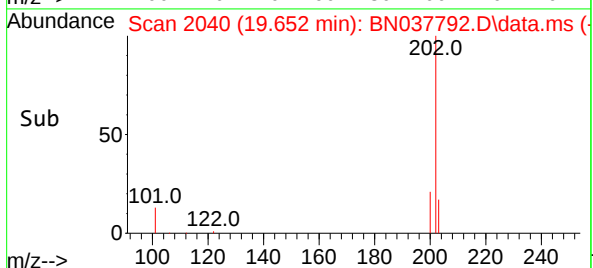
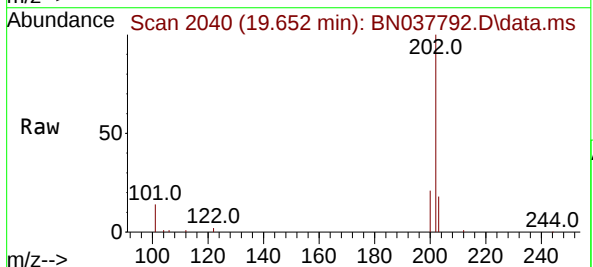
Manual Integrations
APPROVED

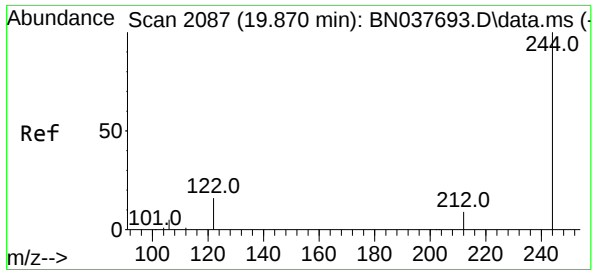
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#30
Pyrene
Concen: 0.325 ng
RT: 19.652 min Scan# 2040
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:202 Resp: 12854
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.5 14.3 21.5





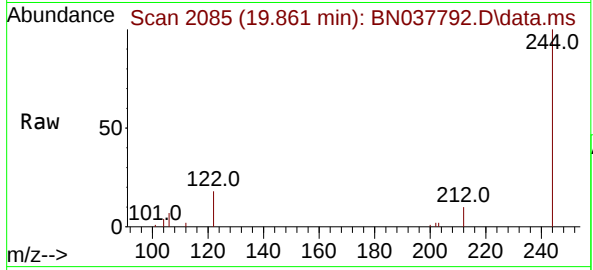
#31
Terphenyl-d14
Concen: 0.322 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Instrument :

BNA_N

ClientSampleId :

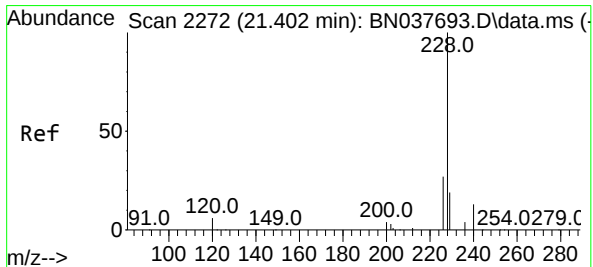
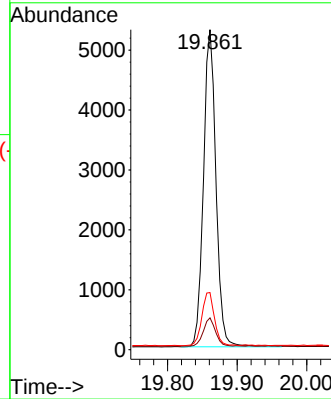
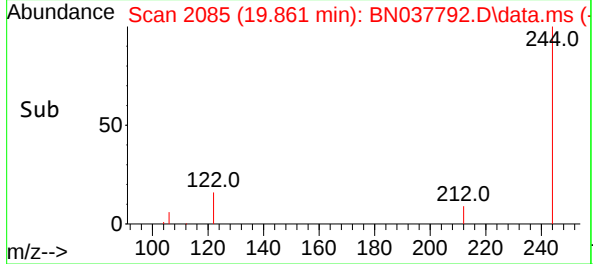
PB169693BS



Tgt Ion:244 Resp: 659
Ion Ratio Lower Upper
244 100
212 10.0 7.5 11.3
122 17.8 13.2 19.8

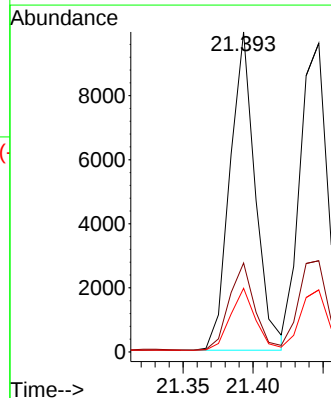
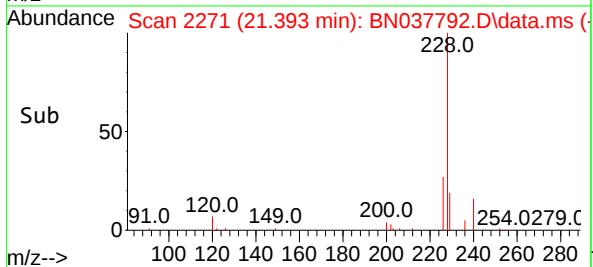
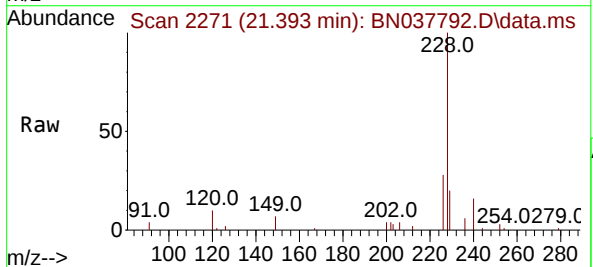
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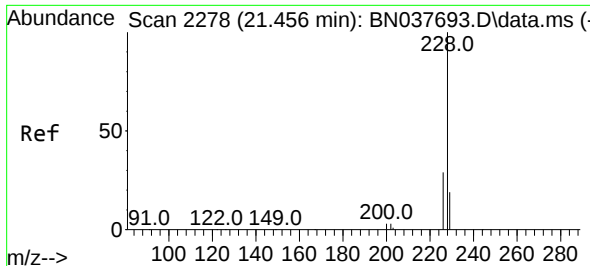
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:228 Resp: 12540
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 19.9 15.8 23.6





#33

Chrysene

Concen: 0.359 ng

RT: 21.447 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

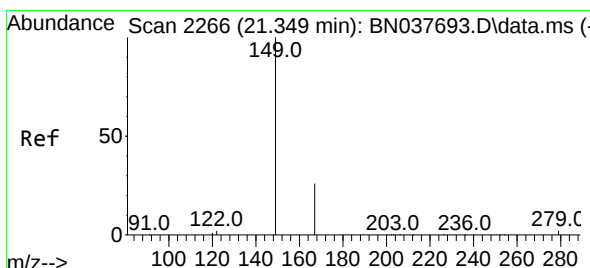
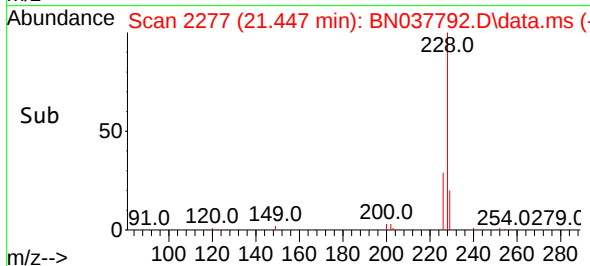
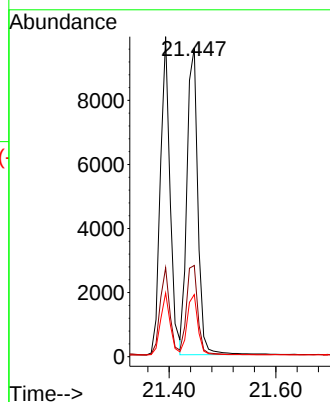
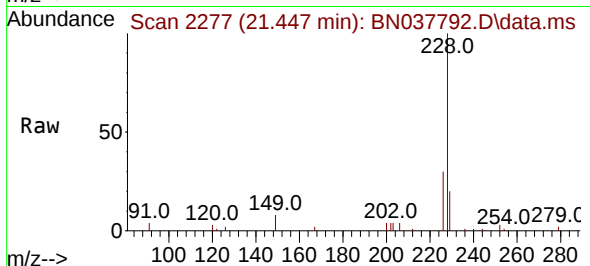
Instrument :

BNA_N

ClientSampleId :

PB169693BS

Tgt Ion:	228	Resp:	1356
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.5	35.3
229	20.1	15.9	23.9

Manual Integrations
APPROVEDReviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

#34

Bis(2-ethylhexyl)phthalate

Concen: 0.355 ng

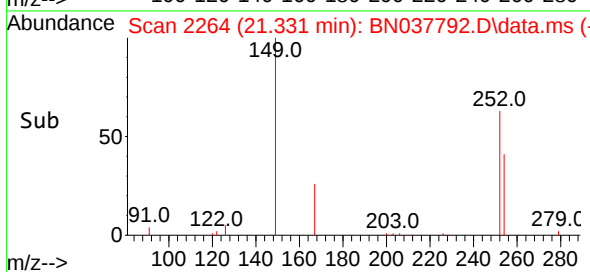
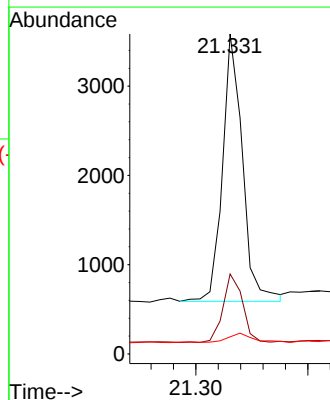
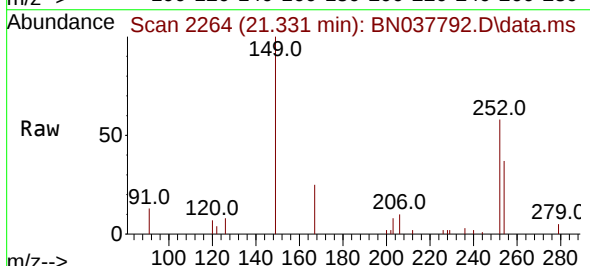
RT: 21.331 min Scan# 2264

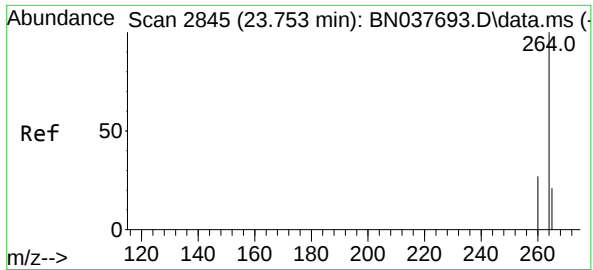
Delta R.T. -0.018 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

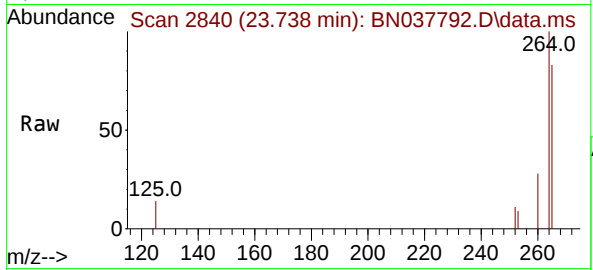
Tgt Ion:	149	Resp:	3708
Ion Ratio	Lower	Upper	
149	100		
167	25.0	20.8	31.2
279	4.3	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

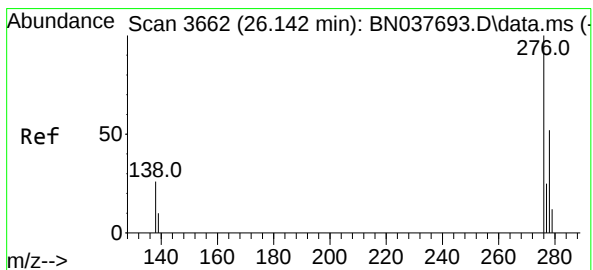
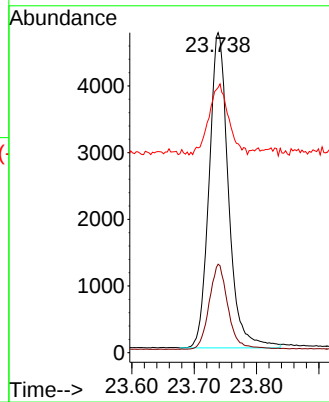
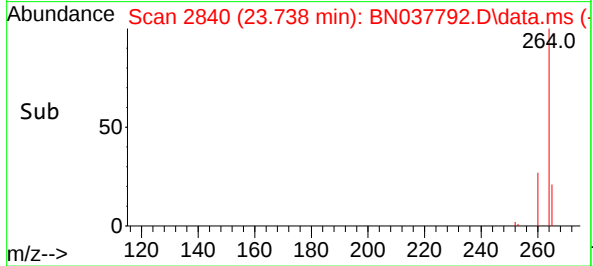
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:264 Resp: 10200
Ion Ratio Lower Upper
264 100
260 27.6 21.8 32.8
265 82.9 39.4 59.2

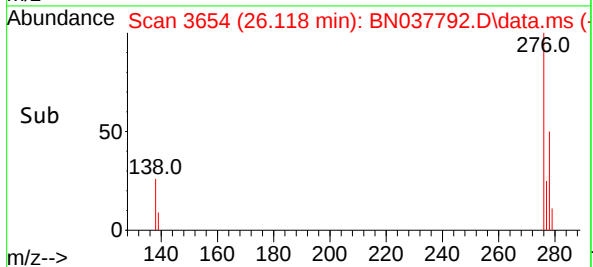
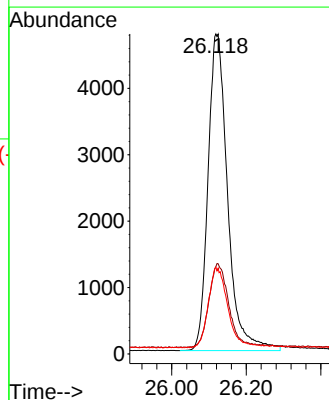
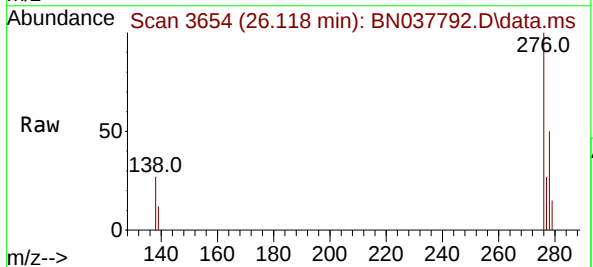
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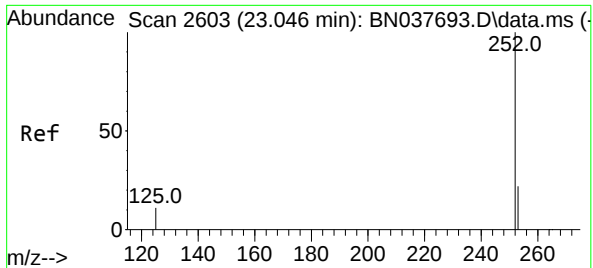
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.118 min Scan# 3654
Delta R.T. -0.024 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

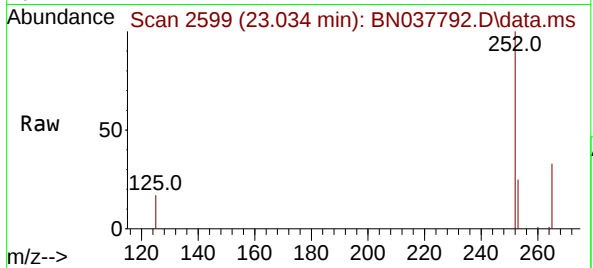
Tgt Ion:276 Resp: 17423
Ion Ratio Lower Upper
276 100
138 27.0 21.9 32.9
277 25.2 20.1 30.1





#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.034 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

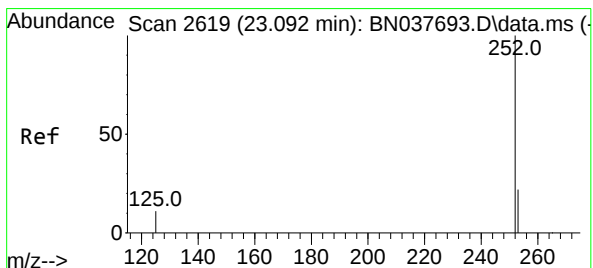
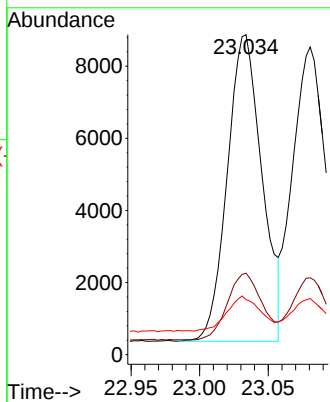
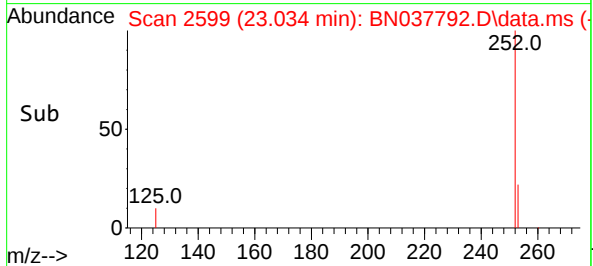
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion:252 Resp: 1495
Ion Ratio Lower Upper
252 100
253 25.5 19.4 29.2
125 17.2 11.2 16.8

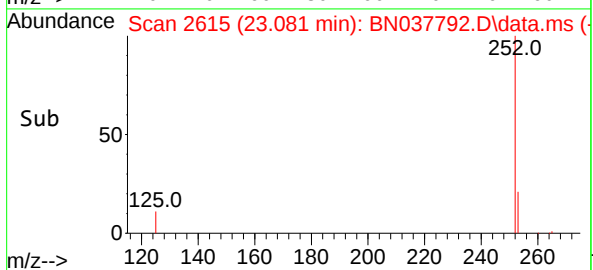
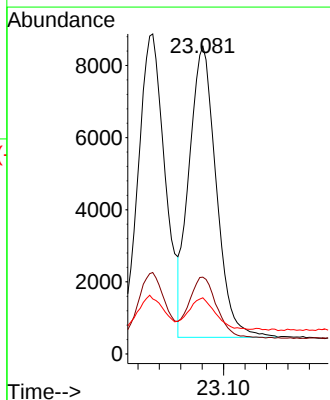
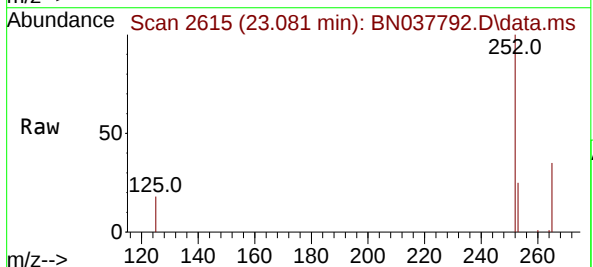
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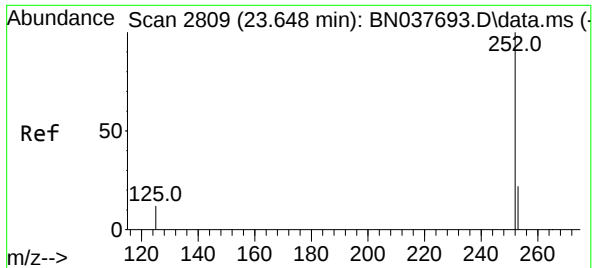
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



#38
Benzo(k)fluoranthene
Concen: 0.348 ng m
RT: 23.081 min Scan# 2615
Delta R.T. -0.012 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

Tgt Ion:252 Resp: 14241
Ion Ratio Lower Upper
252 100
253 25.0 19.4 29.0
125 18.3 11.6 17.4





#39

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.633 min Scan# 2804

Delta R.T. -0.015 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

Instrument :

BNA_N

ClientSampleId :

PB169693BS

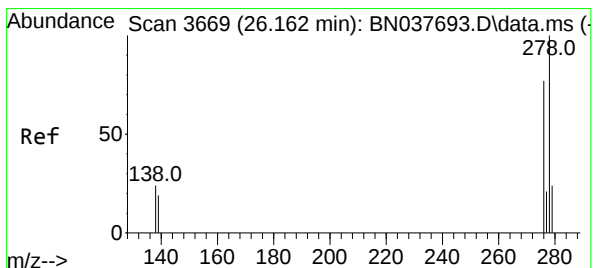
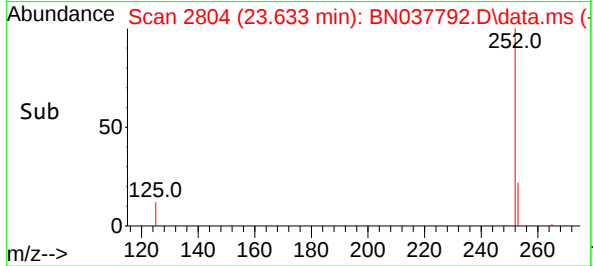
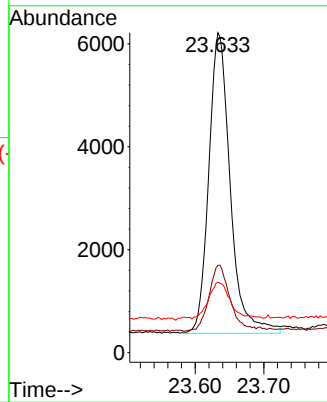
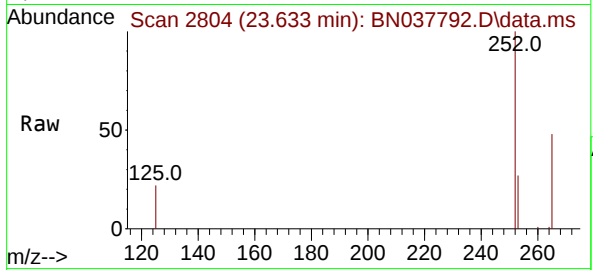
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.8	31.2
125	22.1	13.9	20.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/19/2025

Supervised By :mohammad ahmed 09/23/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.394 ng

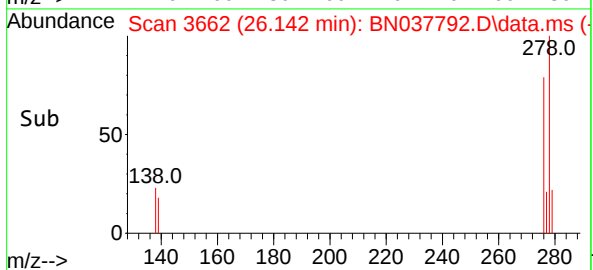
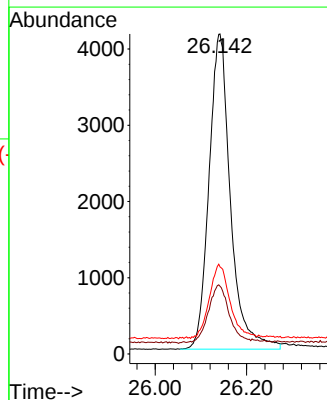
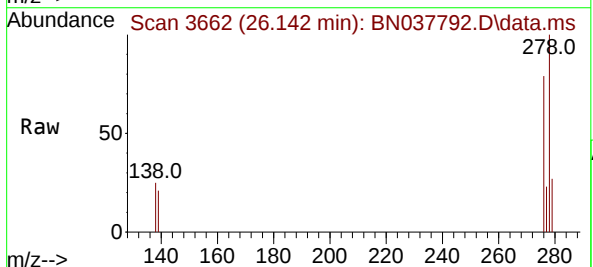
RT: 26.142 min Scan# 3662

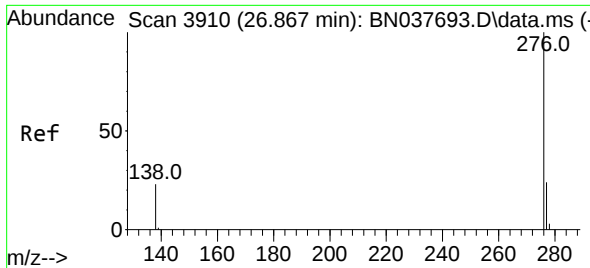
Delta R.T. -0.021 min

Lab File: BN037792.D

Acq: 19 Sep 2025 00:16

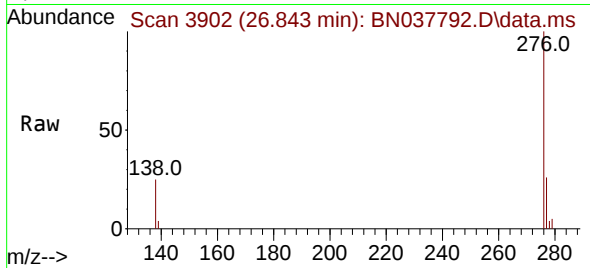
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	17.8	26.6
279	27.2	22.0	33.0





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.843 min Scan# 3910
Delta R.T. -0.024 min
Lab File: BN037792.D
Acq: 19 Sep 2025 00:16

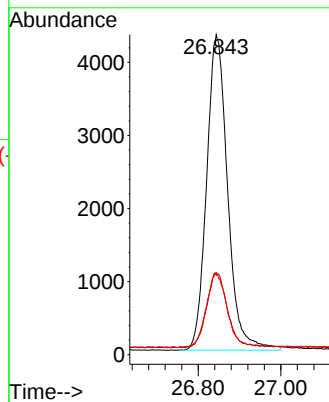
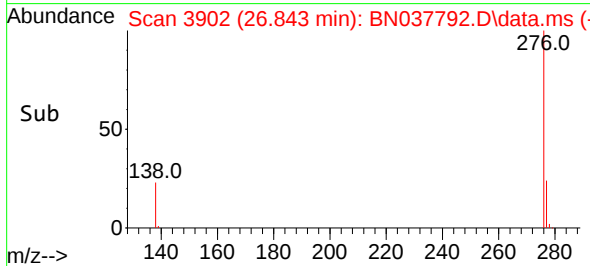
Instrument :
BNA_N
ClientSampleId :
PB169693BS



Tgt Ion: 276 Resp: 15272
Ion Ratio Lower Upper
276 100
277 25.6 20.6 31.0
138 24.8 20.2 30.2

Manual Integrations
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Reviewed By :Rahul Chavli 09/19/2025
Supervised By :mohammad ahmed 09/23/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037772.D
 Acq On : 18 Sep 2025 11:48
 Operator : RC/JU
 Sample : Q3097-02MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

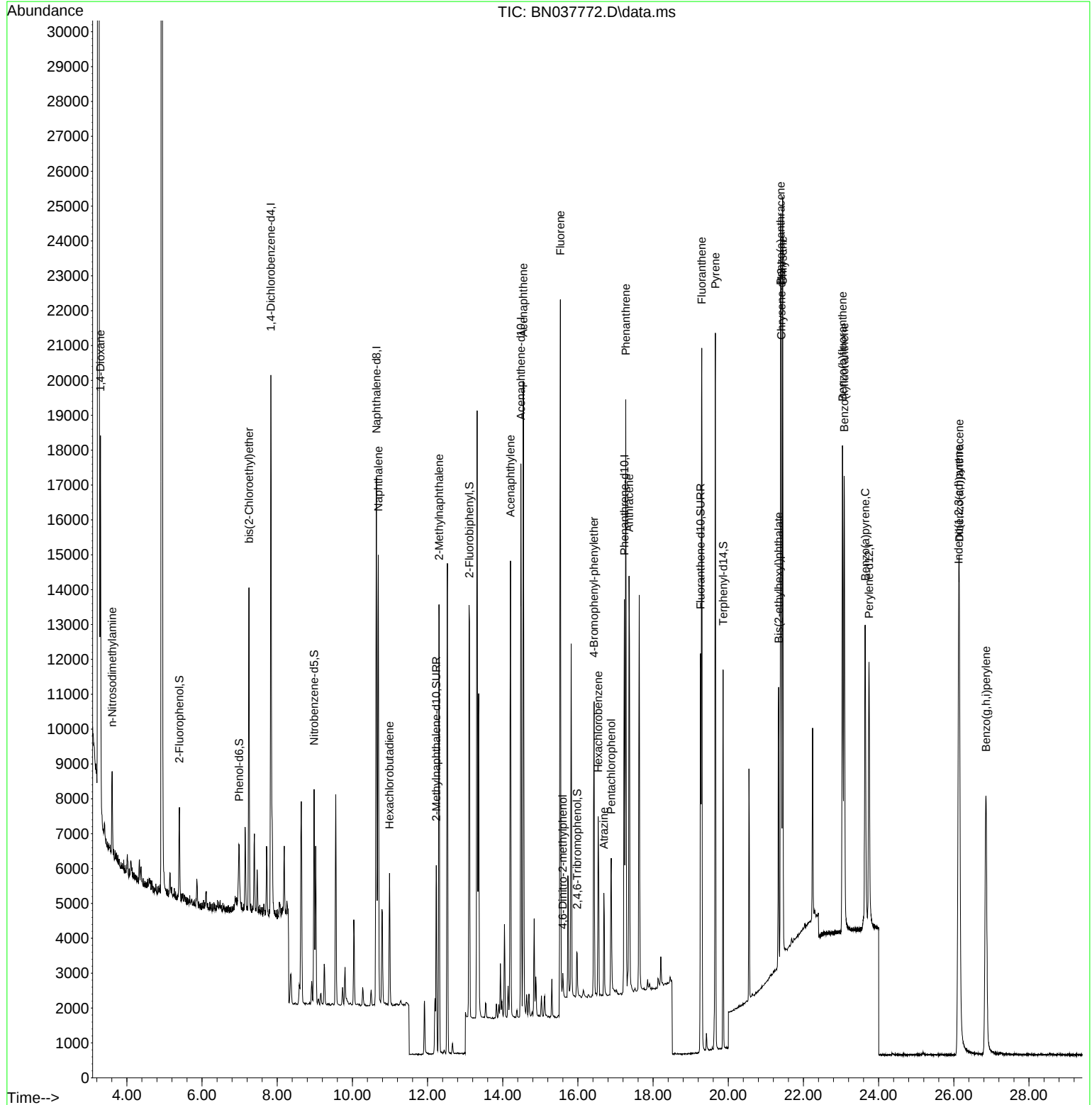
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.833	152	7218	0.400 ng	0.00
7) Naphthalene-d8	10.637	136	19437	0.400 ng	-0.01
13) Acenaphthene-d10	14.484	164	8792	0.400 ng	-0.01
19) Phenanthrene-d10	17.236	188	14560	0.400 ng	# 0.00
29) Chrysene-d12	21.411	240	11077	0.400 ng	# 0.00
35) Perylene-d12	23.744	264	10712	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.399	112	2158	0.130 ng	0.00
5) Phenol-d6	6.988	99	1612	0.075 ng	0.00
8) Nitrobenzene-d5	8.982	82	4623	0.325 ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7201	0.280 ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	880	0.384 ng	0.00
15) 2-Fluorobiphenyl	13.115	172	11146	0.303 ng	0.00
27) Fluoranthene-d10	19.262	212	12673	0.347 ng	0.00
31) Terphenyl-d14	19.861	244	9630	0.428 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.297	88	5443	0.724 ng	95
3) n-Nitrosodimethylamine	3.608	42	1281	0.130 ng	87
6) bis(2-Chloroethyl)ether	7.248	93	6334	0.330 ng	99
9) Naphthalene	10.690	128	17098	0.322 ng	99
10) Hexachlorobutadiene	10.989	225	2914	0.303 ng	# 100
12) 2-Methylnaphthalene	12.304	142	9253	0.282 ng	100
16) Acenaphthylene	14.206	152	13679	0.339 ng	100
17) Acenaphthene	14.548	154	8588	0.315 ng	99
18) Fluorene	15.535	166	10257	0.311 ng	98
20) 4,6-Dinitro-2-methylph...	15.597	198	483	0.358 ng	# 72
21) 4-Bromophenyl-phenylether	16.429	248	3439	0.362 ng	# 89
22) Hexachlorobenzene	16.540	284	4153	0.380 ng	97
23) Atrazine	16.689	200	2516	0.417 ng	# 91
24) Pentachlorophenol	16.888	266	2259	0.712 ng	97
25) Phenanthrene	17.273	178	17041	0.372 ng	100
26) Anthracene	17.360	178	14357	0.354 ng	100
28) Fluoranthene	19.294	202	18098	0.360 ng	99
30) Pyrene	19.657	202	18207	0.420 ng	100
32) Benzo(a)anthracene	21.393	228	16075	0.416 ng	100
33) Chrysene	21.447	228	17366	0.419 ng	99
34) Bis(2-ethylhexyl)phtha...	21.340	149	5730	0.500 ng	98
36) Indeno(1,2,3-cd)pyrene	26.127	276	20796	0.462 ng	99
37) Benzo(b)fluoranthene	23.037	252	18047	0.428 ng	97
38) Benzo(k)fluoranthene	23.084	252	17770	0.413 ng	97
39) Benzo(a)pyrene	23.642	252	14195	0.420 ng	97
40) Dibenzo(a,h)anthracene	26.148	278	16460	0.458 ng	98
41) Benzo(g,h,i)perylene	26.855	276	17542	0.435 ng	98

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

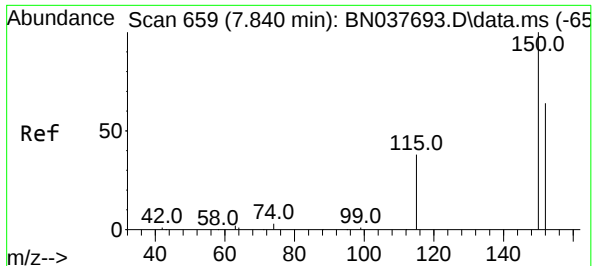
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037772.D
Acq On : 18 Sep 2025 11:48
Operator : RC/JU
Sample : Q3097-02MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

Quant Time: Sep 18 12:16:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

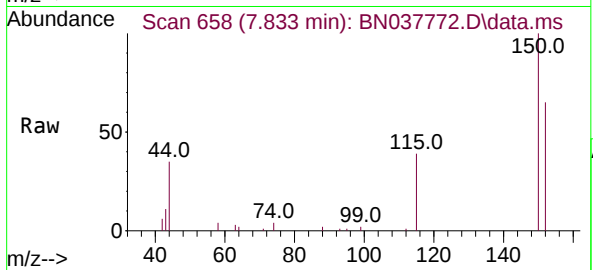


A
B
C
D
E
F
G
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I
J
K

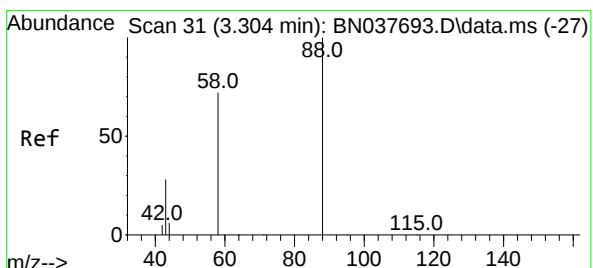
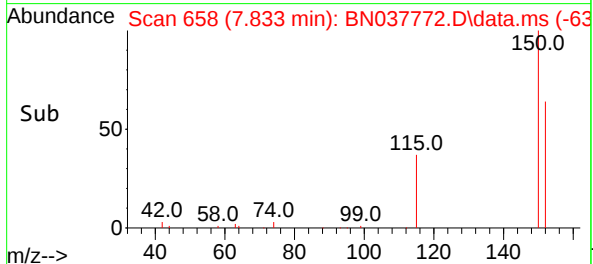
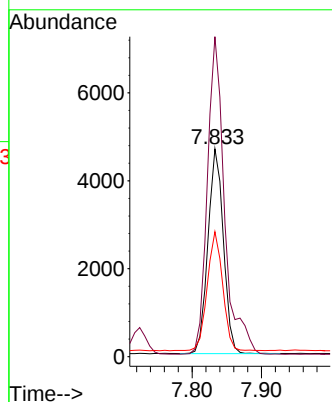


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

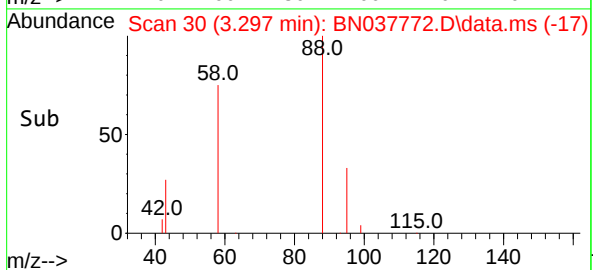
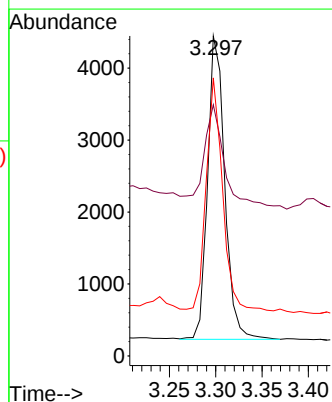
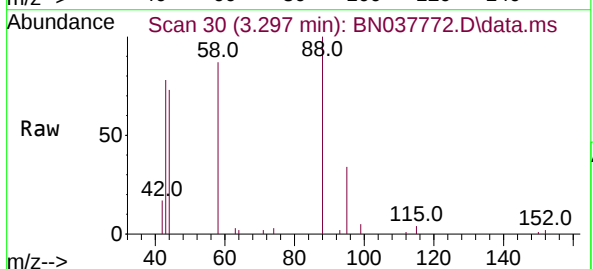


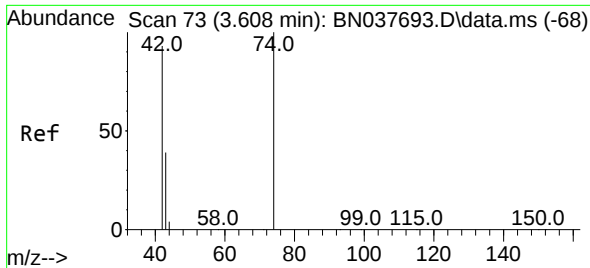
Tgt Ion: 152 Resp: 7218
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 60.1 49.2 73.8



#2
1,4-Dioxane
Concen: 0.724 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion: 88 Resp: 5443
Ion Ratio Lower Upper
88 100
43 37.1 26.8 40.2
58 73.0 61.9 92.9

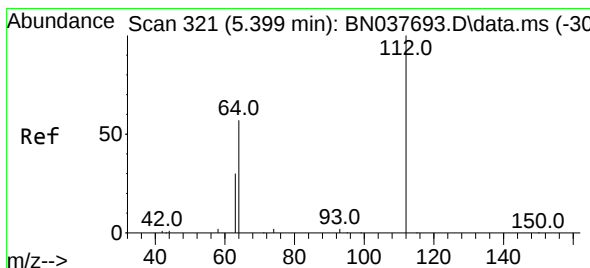
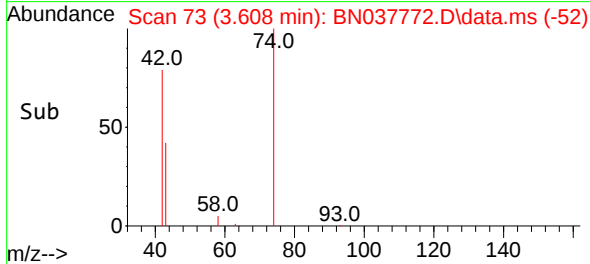
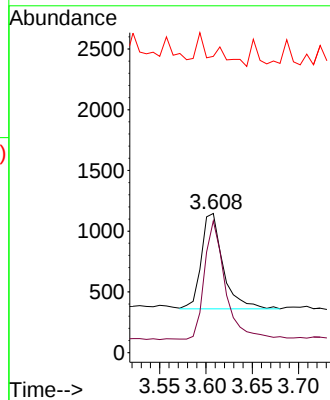
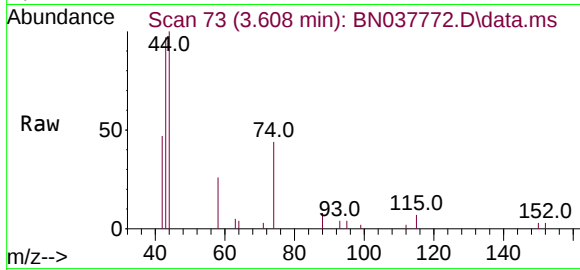




#3
n-Nitrosodimethylamine
Concen: 0.130 ng
RT: 3.608 min Scan# 73
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

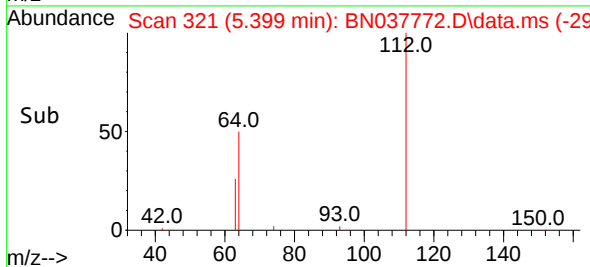
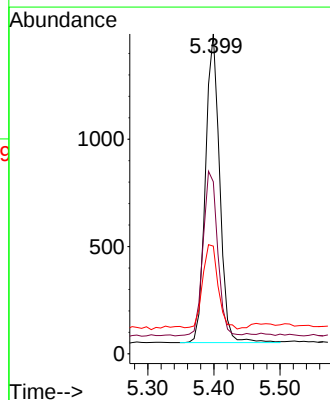
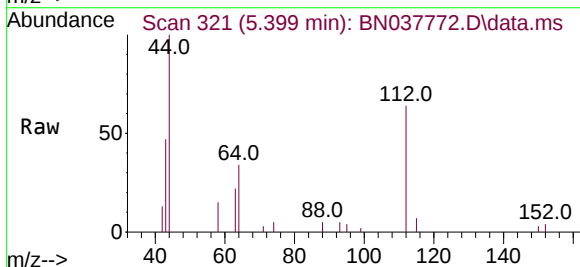
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

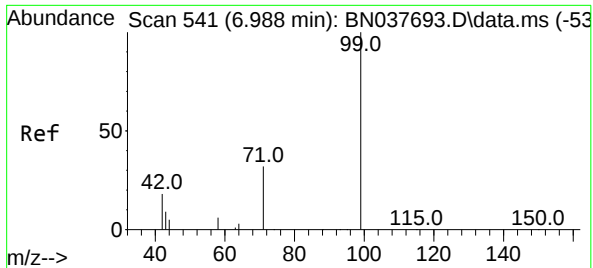
Tgt Ion:	42	Resp:	1281
Ion	Ratio	Lower	Upper
42	100		
74	121.5	86.0	129.0
44	11.9	8.4	12.6



#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	112	Resp:	2158
Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.9	67.3
63	29.7	24.7	37.1

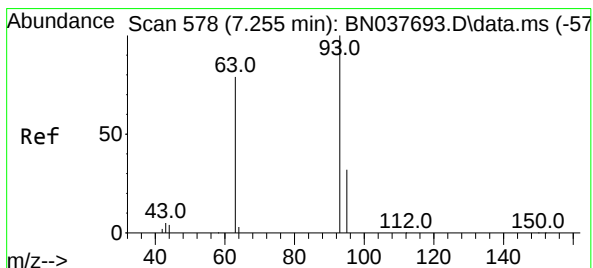
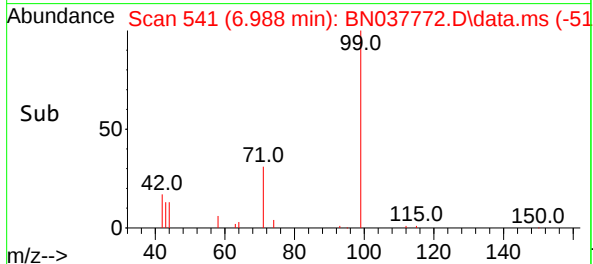
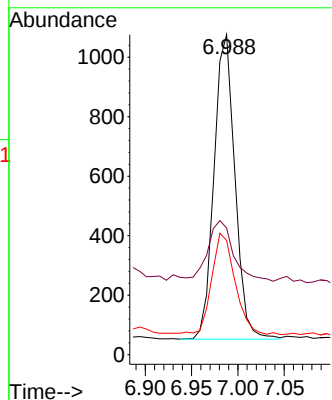
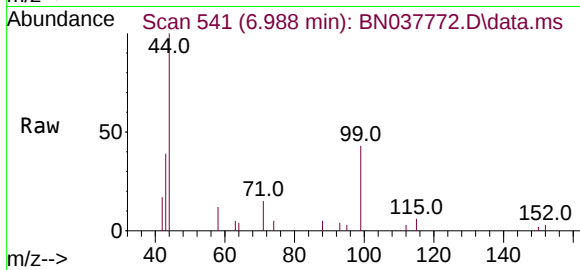




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

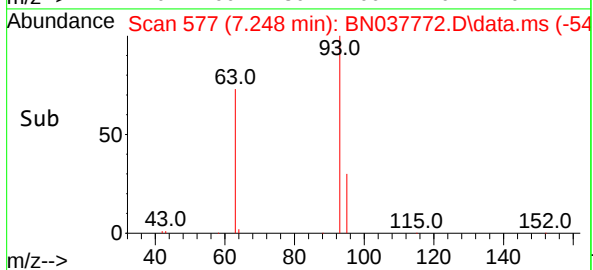
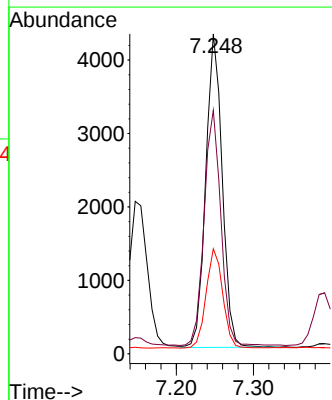
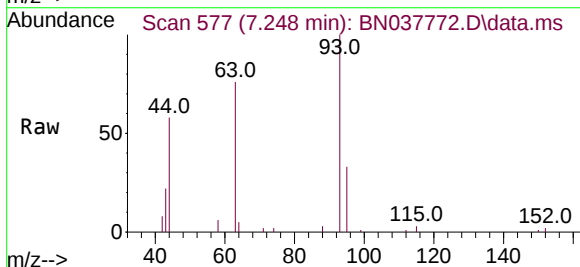
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

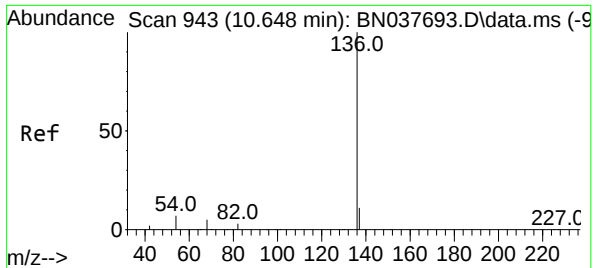
Tgt Ion:	99	Resp:	1612
Ion	Ratio	Lower	Upper
99	100		
42	24.2	16.6	24.8
71	36.7	26.7	40.1



#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	93	Resp:	6334
Ion	Ratio	Lower	Upper
93	100		
63	76.1	60.6	90.8
95	32.0	26.0	39.0

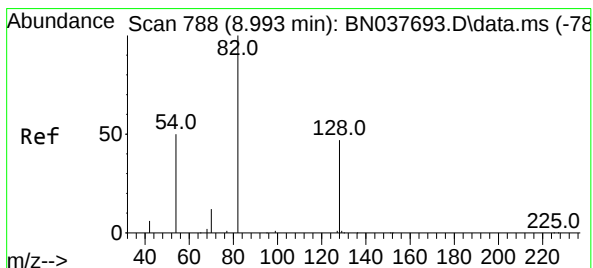
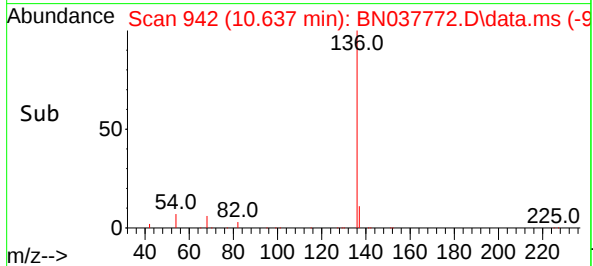
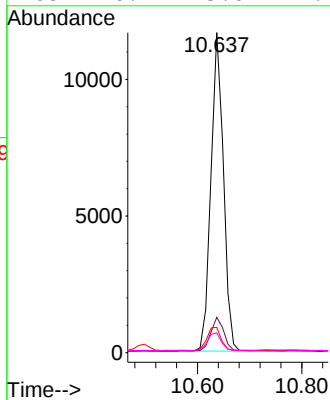
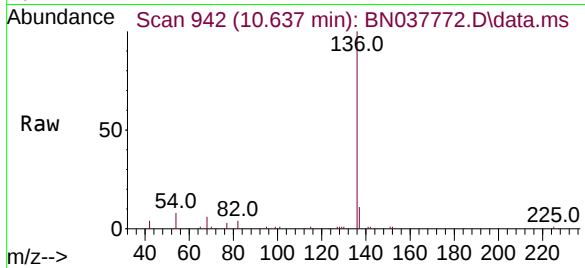




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

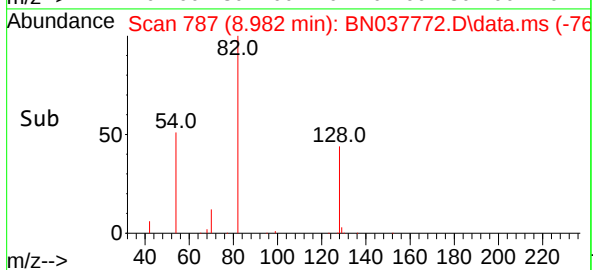
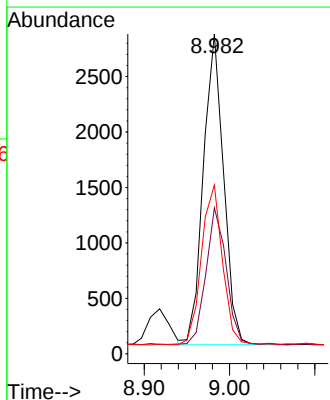
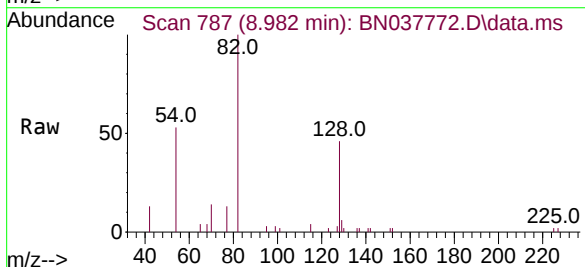
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

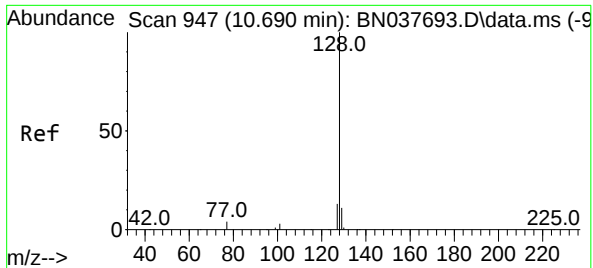
Tgt Ion:	136	Resp:	19437
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.9	6.3	9.5
68	6.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	82	Resp:	4623
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.3	57.5
54	52.8	41.4	62.2

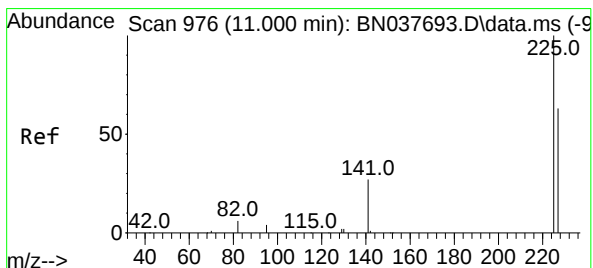
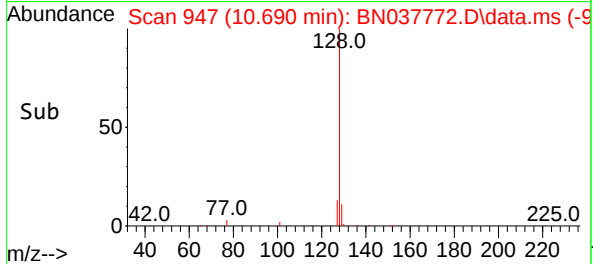
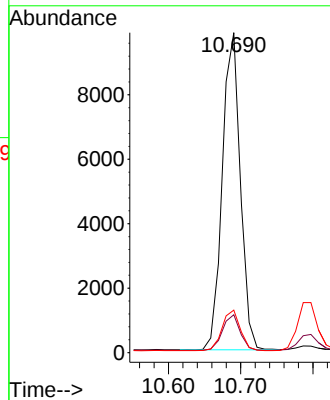
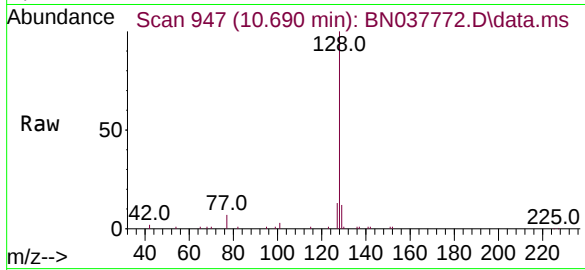




#9
Naphthalene
Concen: 0.322 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

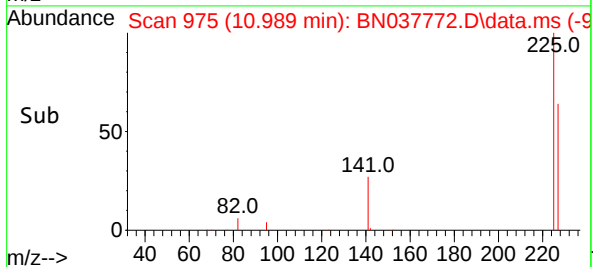
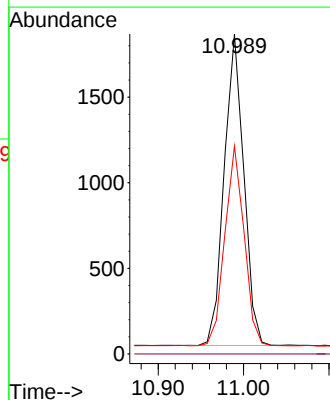
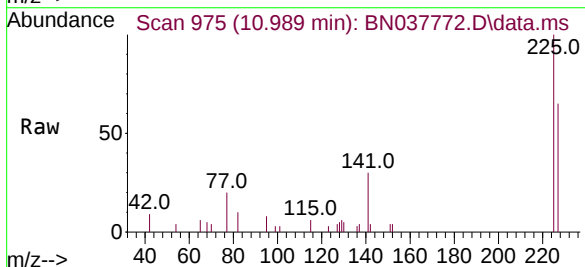
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

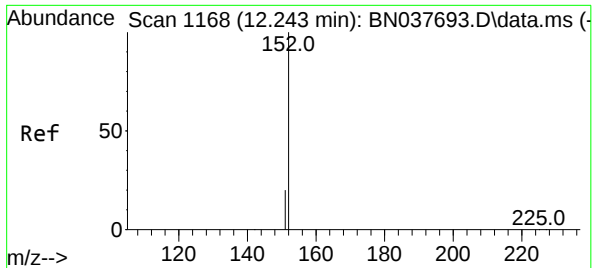
Tgt Ion:	128	Resp:	17098
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.1	13.7
127	13.3	10.9	16.3



#10
Hexachlorobutadiene
Concen: 0.303 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	225	Resp:	2914
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.3	50.9	76.3

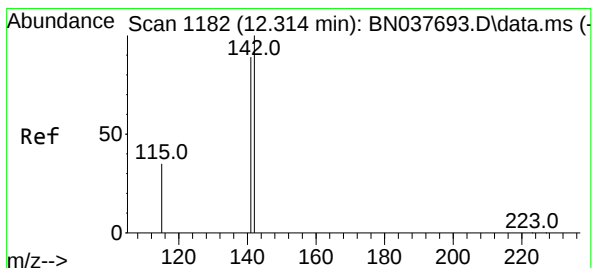
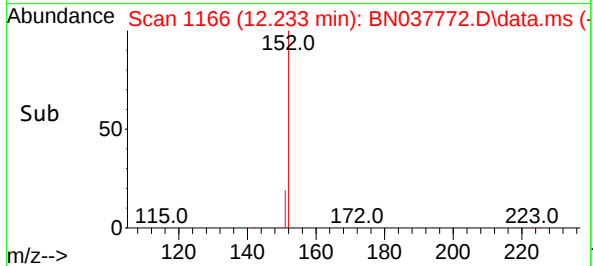
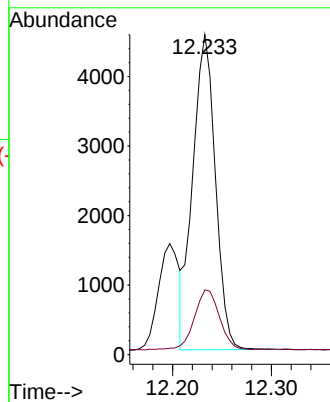
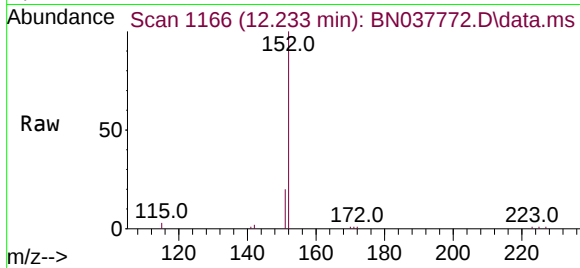




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

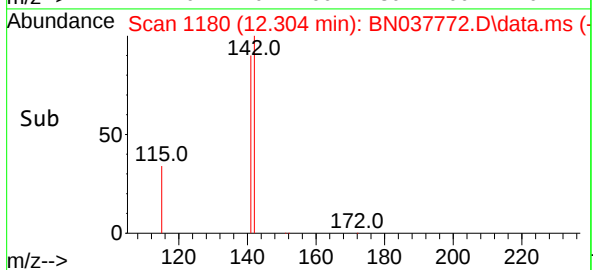
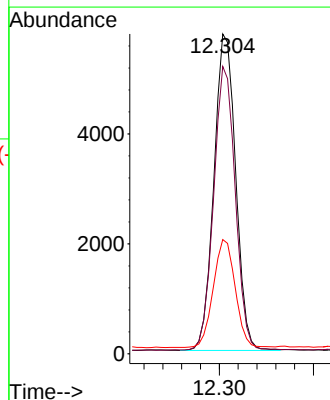
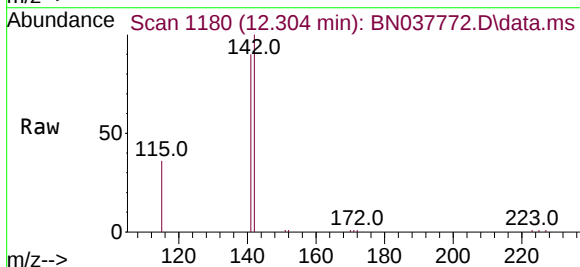
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

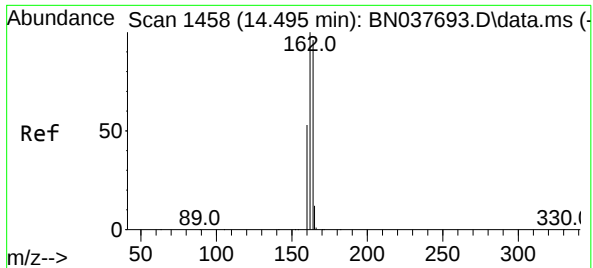
Tgt Ion:152 Resp: 7201
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.304 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:142 Resp: 9253
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4
115 35.7 28.6 43.0

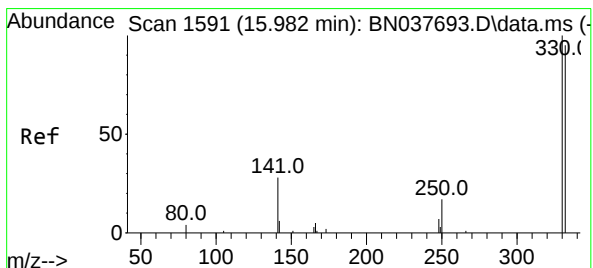
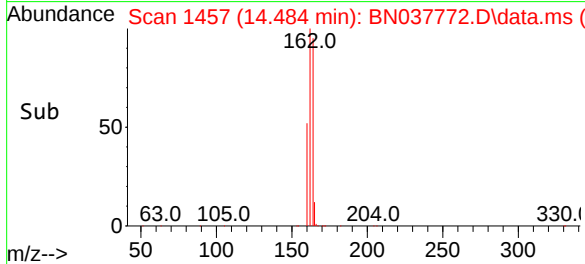
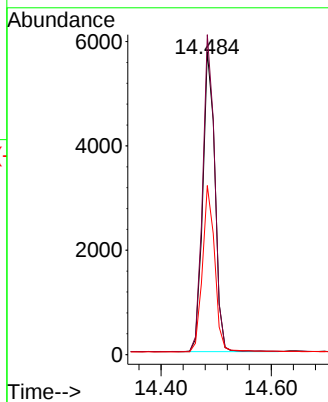
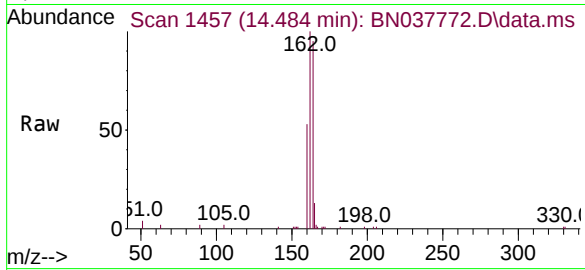




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

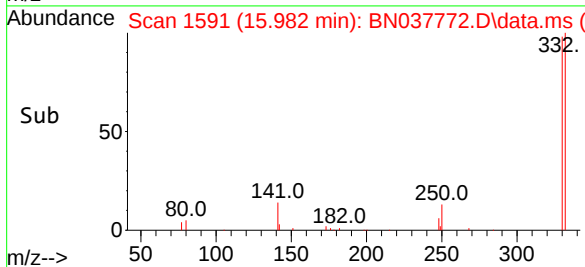
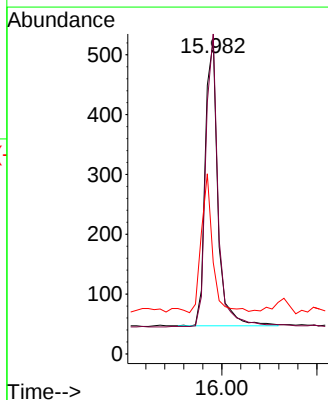
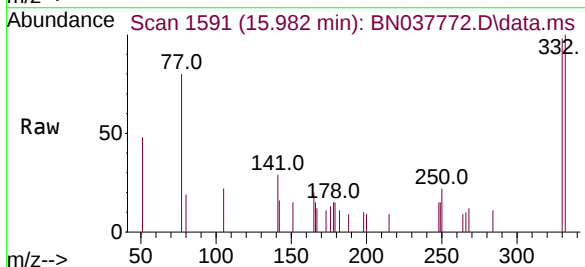
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

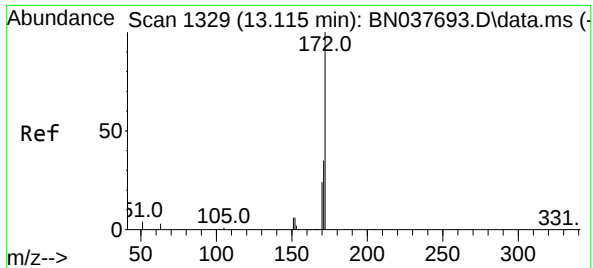
Tgt Ion:	164	Resp:	8792
Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.1	124.7
160	55.8	44.3	66.5



#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	330	Resp:	880
Ion	Ratio	Lower	Upper
330	100		
332	100.5	75.3	112.9
141	43.6	35.0	52.4

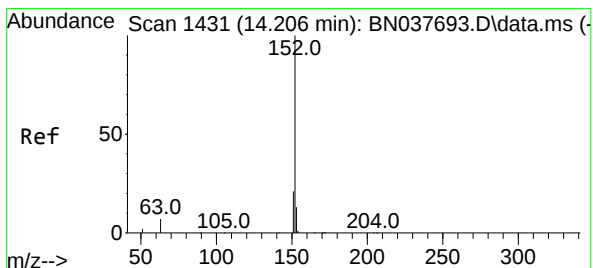
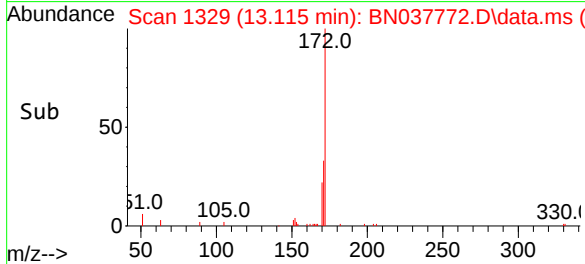
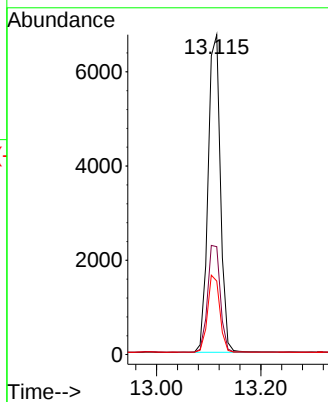
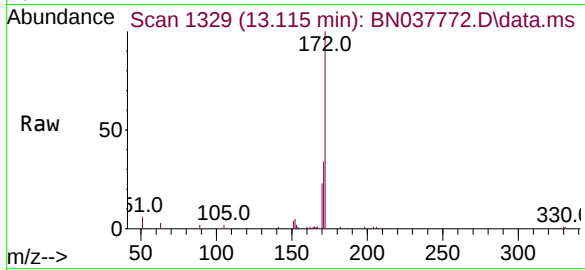




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.115 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

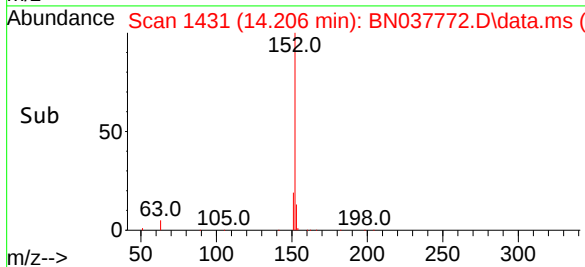
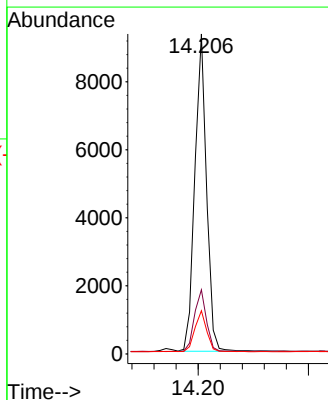
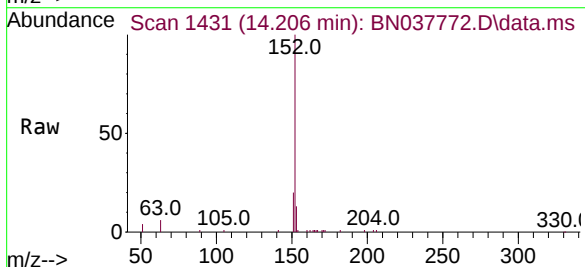
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

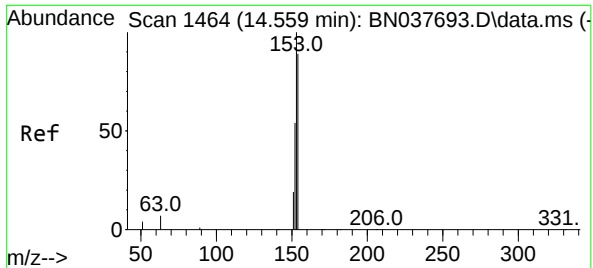
Tgt Ion:	172	Resp:	11146
Ion Ratio	Lower	Upper	
172	100		
171	33.7	28.6	43.0
170	23.0	19.8	29.8



#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.206 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:	152	Resp:	13679
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.2	10.4	15.6

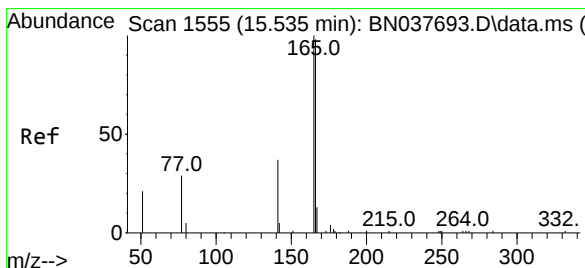
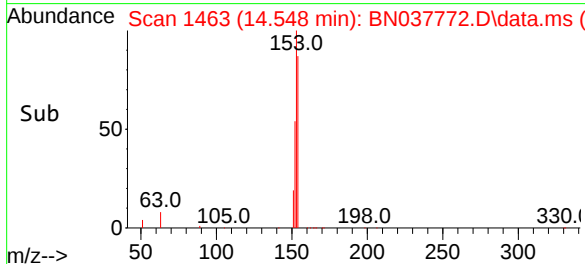
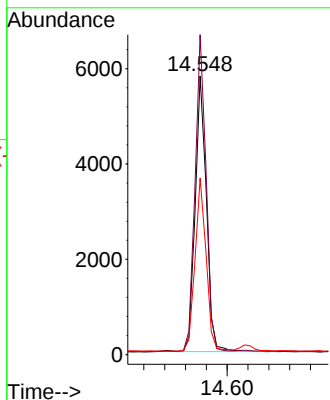
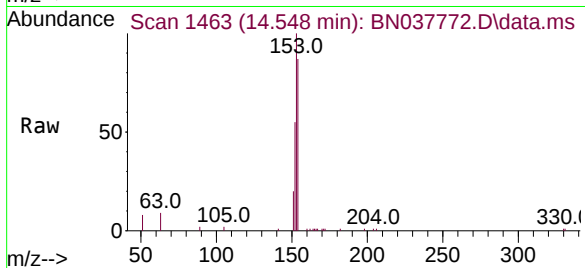




#17
Acenaphthene
Concen: 0.315 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

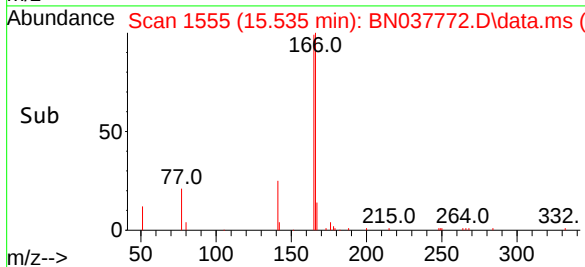
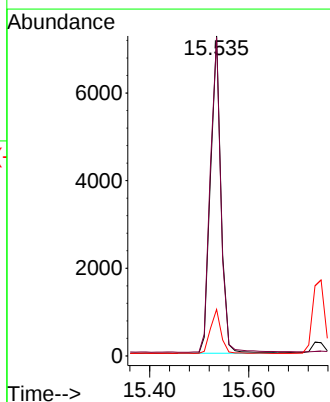
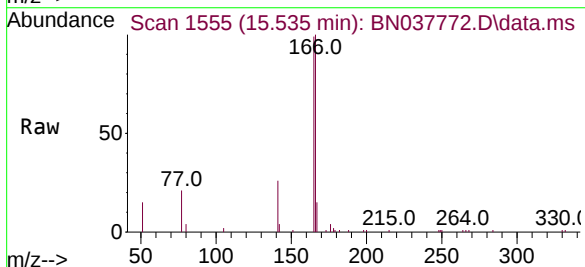
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

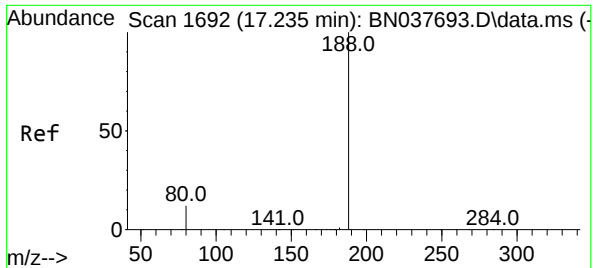
Tgt Ion:154 Resp: 8588
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.8
152 62.5 50.2 75.2



#18
Fluorene
Concen: 0.311 ng
RT: 15.535 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:166 Resp: 10257
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 14.1 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.236 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MS

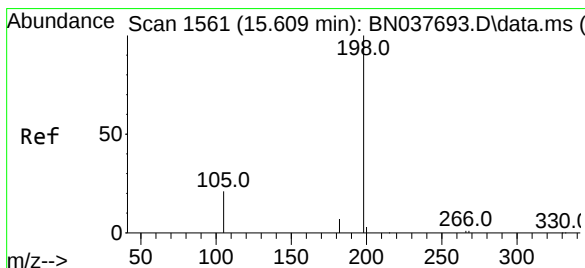
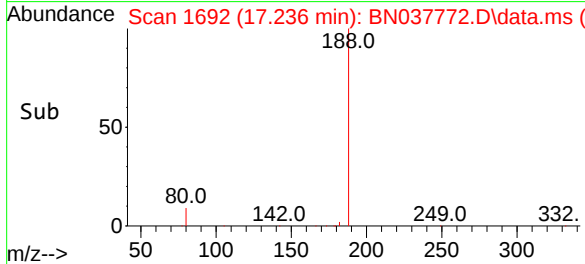
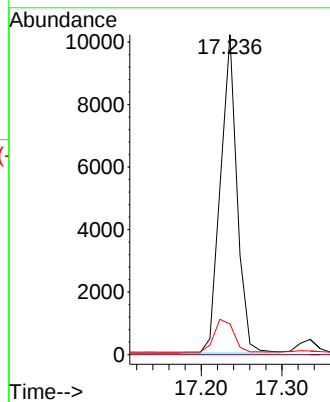
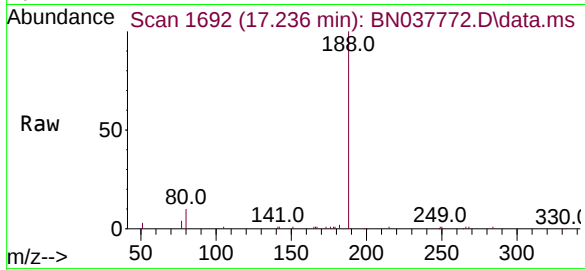
Tgt Ion:188 Resp: 14560

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 10.6 15.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.358 ng

RT: 15.597 min Scan# 1560

Delta R.T. -0.012 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

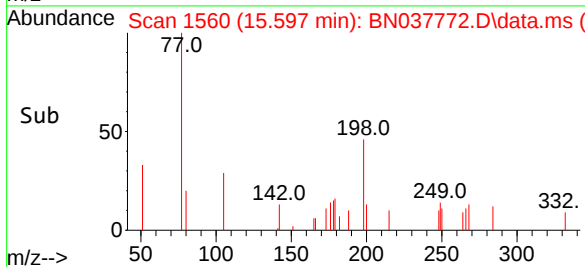
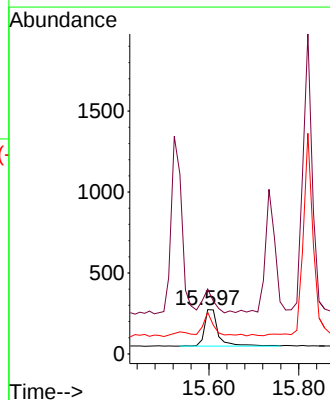
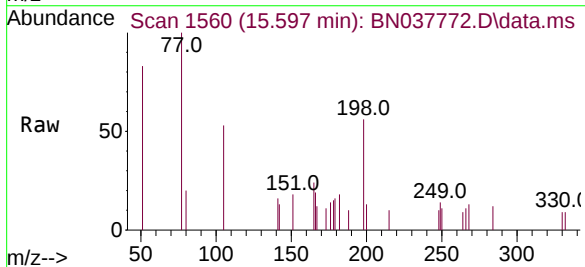
Tgt Ion:198 Resp: 483

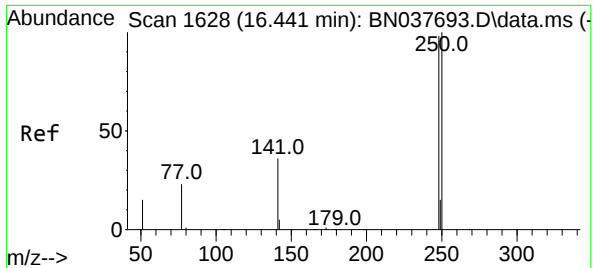
Ion Ratio Lower Upper

198 100

51 146.4 95.1 142.7#

105 93.8 53.8 80.6#

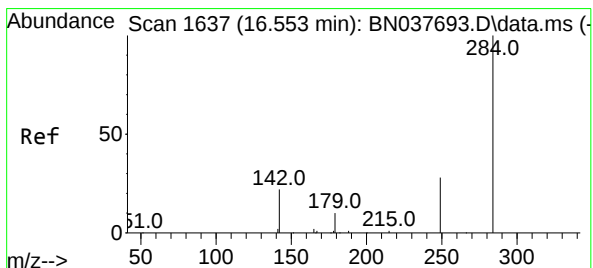
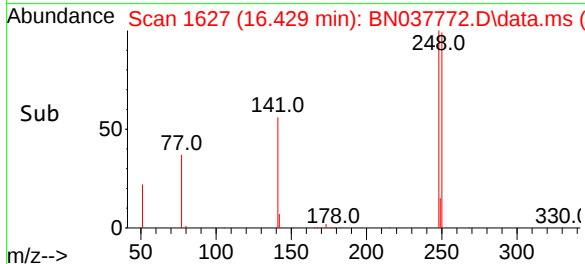
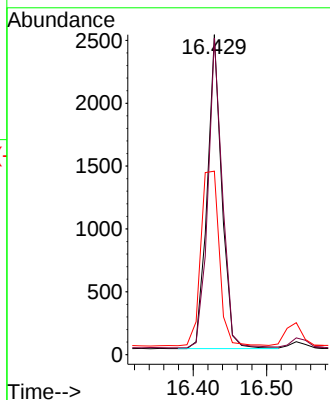
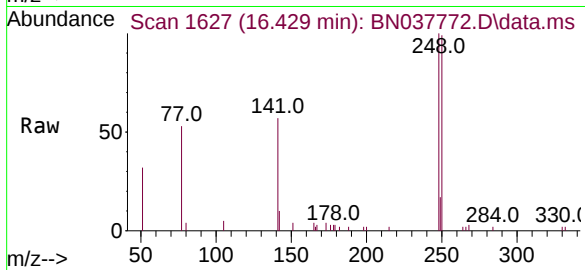




#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.429 min Scan# 1627
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

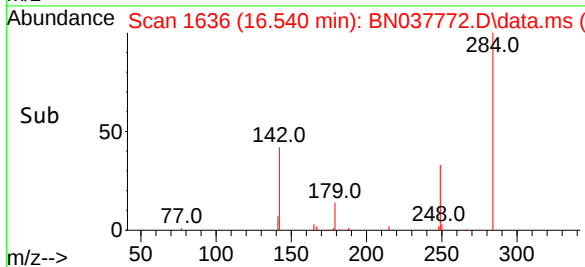
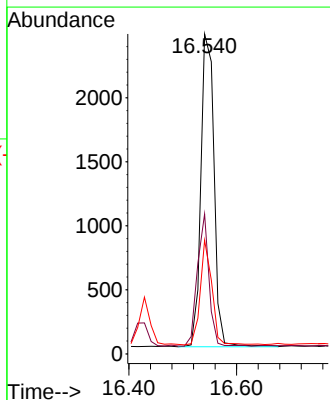
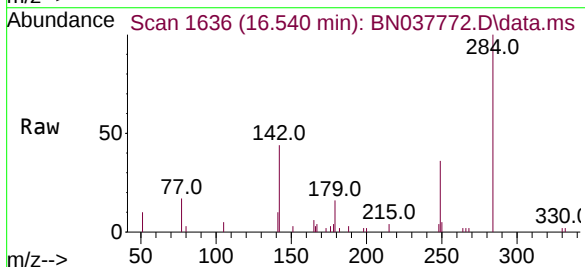
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

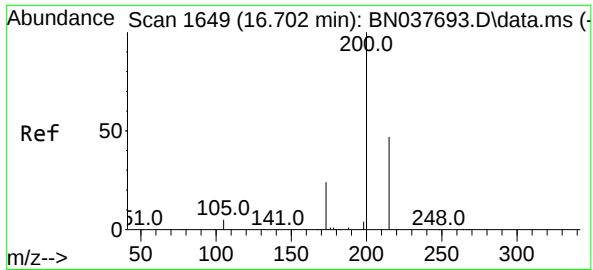
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	81.5	122.3
141	57.3	30.8	46.2



#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	30.9	46.3
249	29.4	24.8	37.2

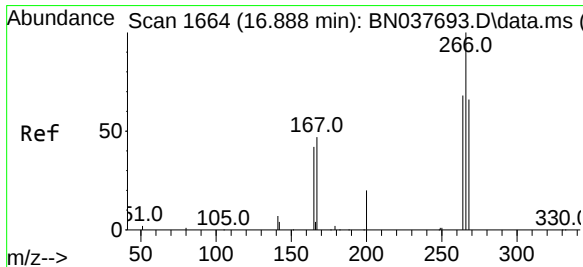
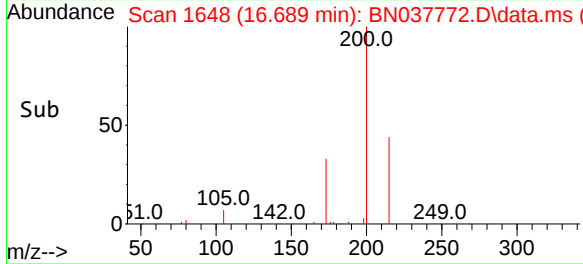
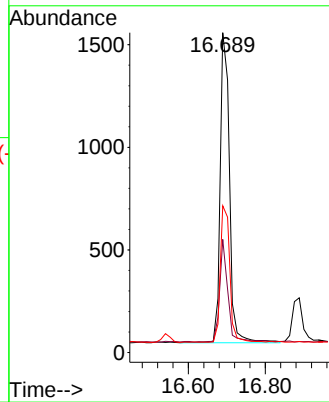
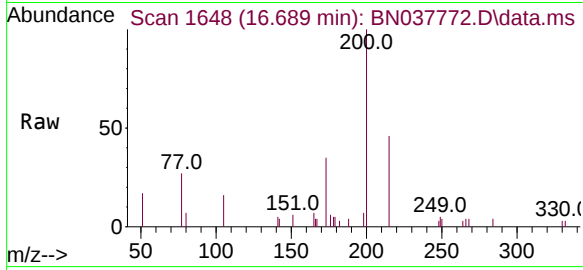




#23
Atrazine
Concen: 0.417 ng
RT: 16.689 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

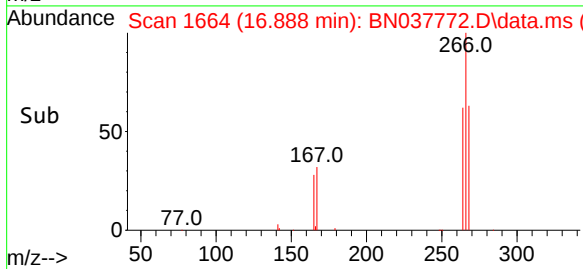
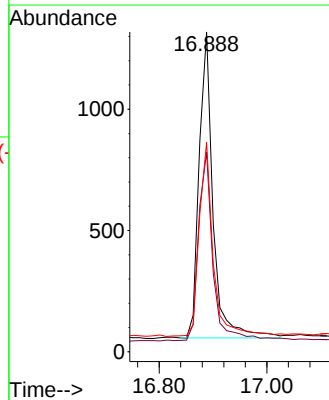
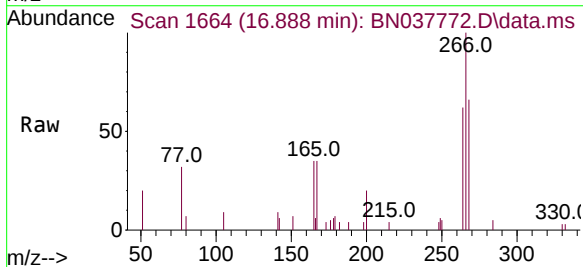
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

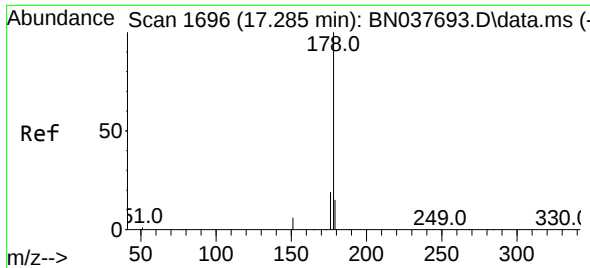
Tgt Ion	Ratio	Lower	Upper
200	100		
173	35.3	21.4	32.2#
215	45.9	39.2	58.8



#24
Pentachlorophenol
Concen: 0.712 ng
RT: 16.888 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	51.6	77.4
268	62.9	53.2	79.8

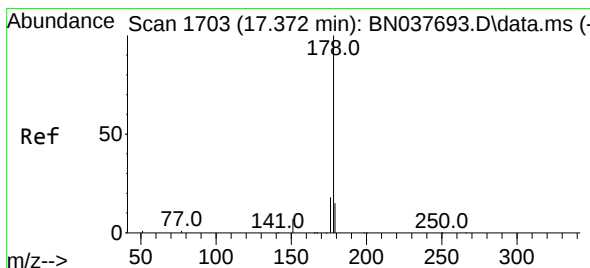
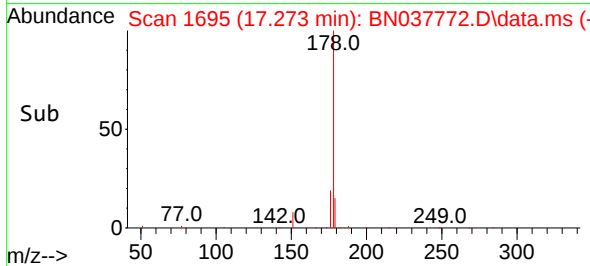
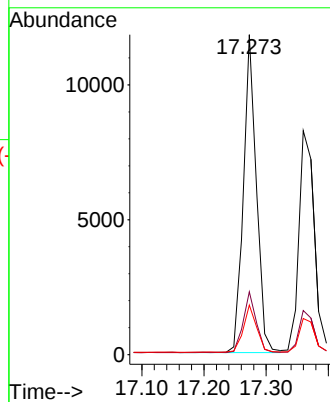
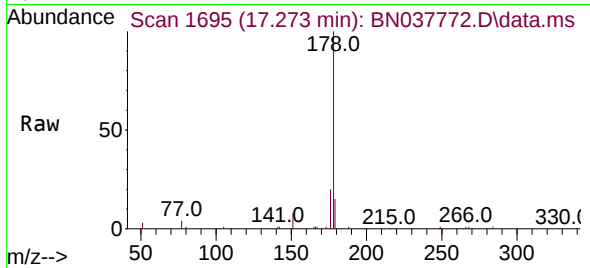




#25
Phenanthrene
Concen: 0.372 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

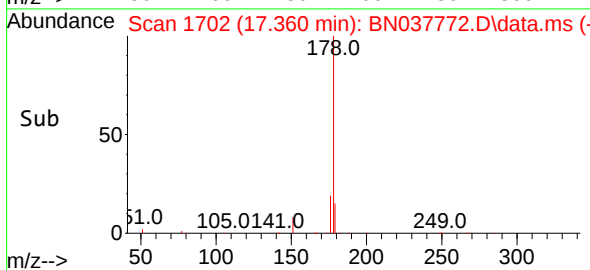
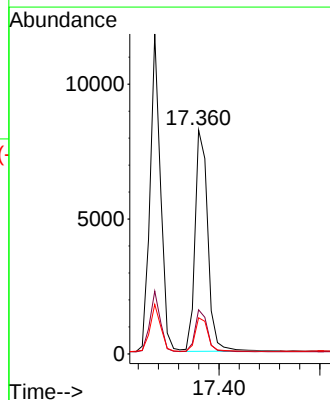
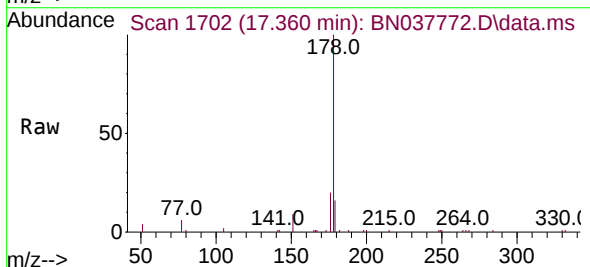
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

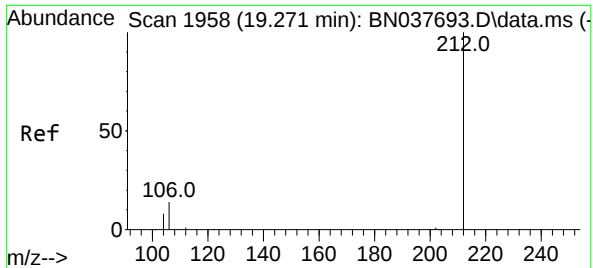
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.2



#26
Anthracene
Concen: 0.354 ng
RT: 17.360 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.2	18.4

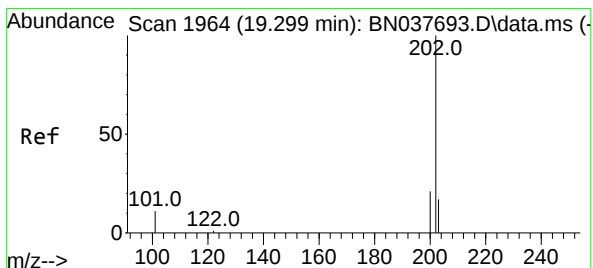
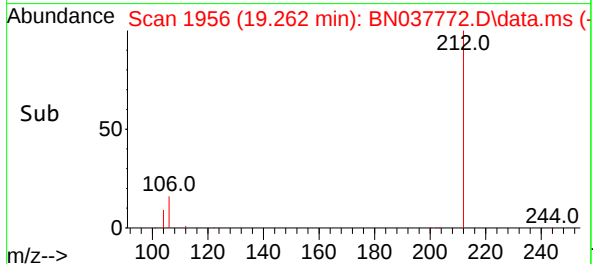
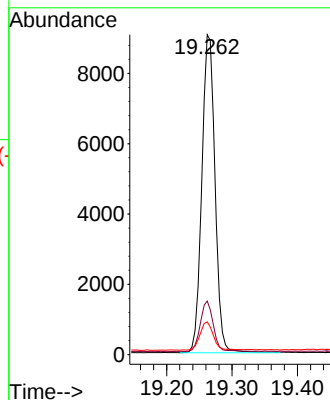
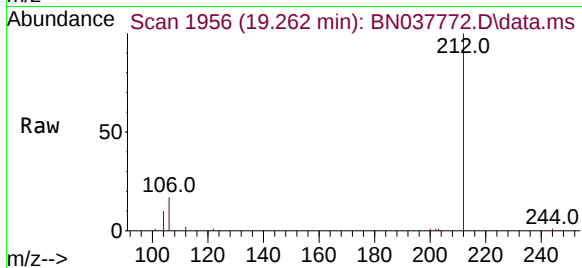




#27
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

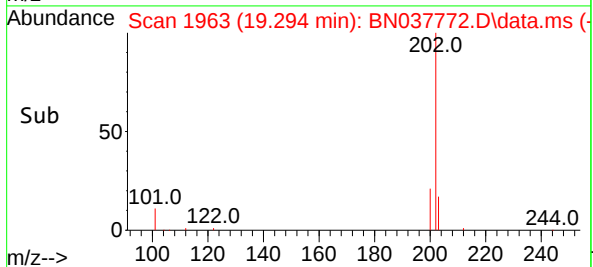
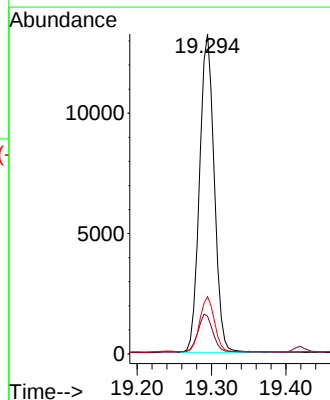
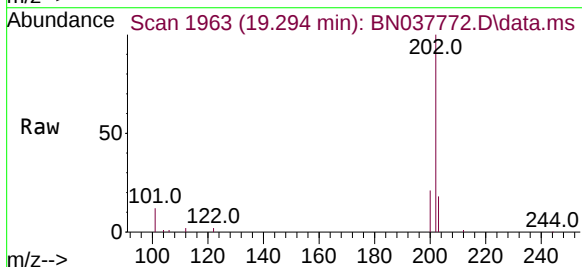
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

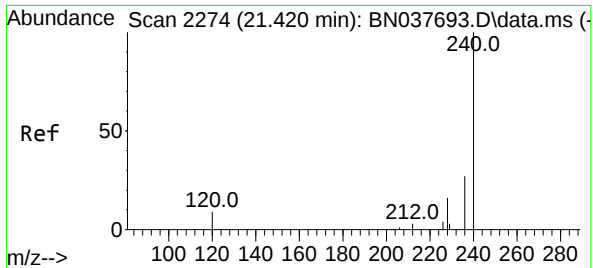
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.2	18.2
104	9.1	6.9	10.3



#28
Fluoranthene
Concen: 0.360 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
203	17.0	13.7	20.5

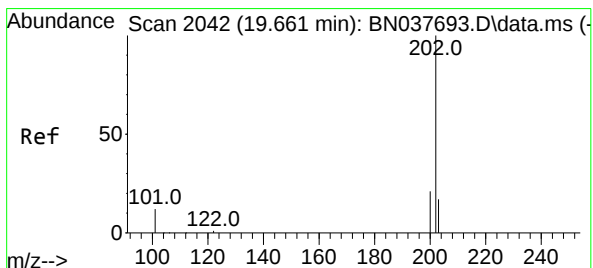
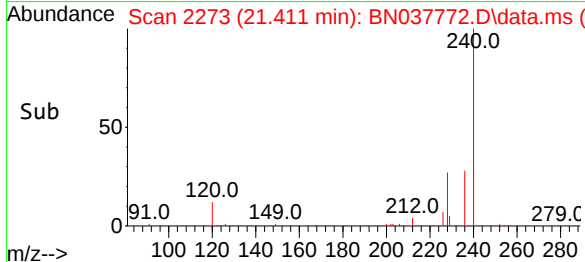
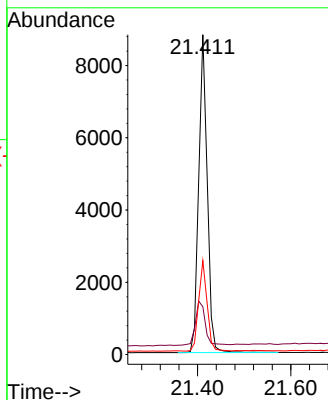
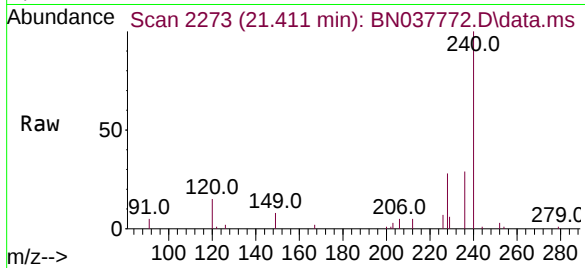




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

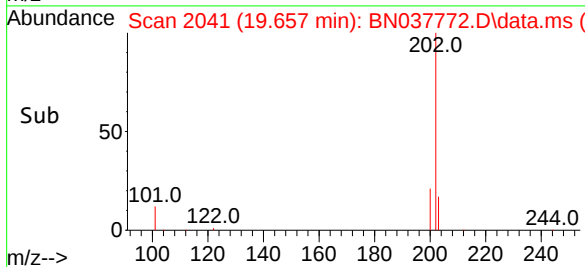
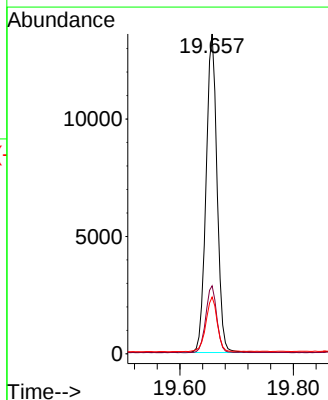
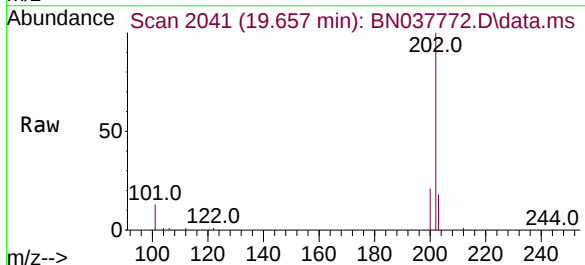
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

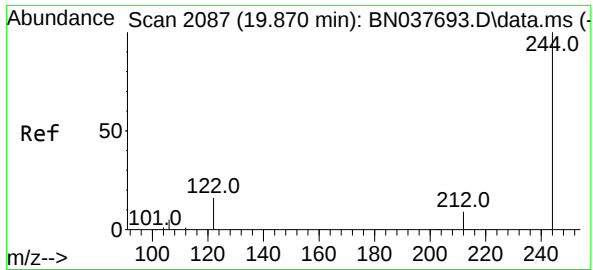
Tgt Ion:240 Resp: 11077
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 29.4 22.6 33.8



#30
Pyrene
Concen: 0.420 ng
RT: 19.657 min Scan# 2041
Delta R.T. -0.005 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:202 Resp: 18207
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.6 14.3 21.5

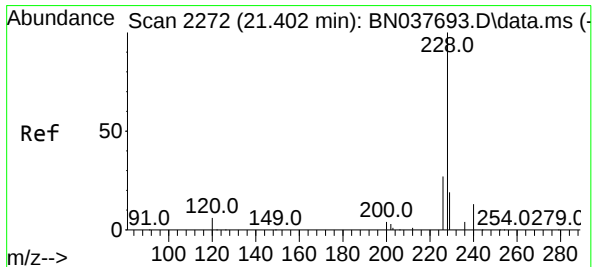
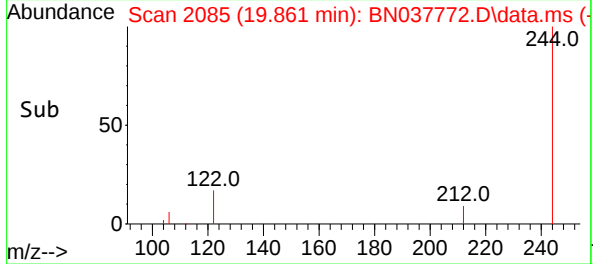
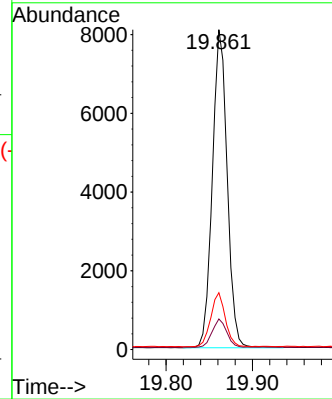
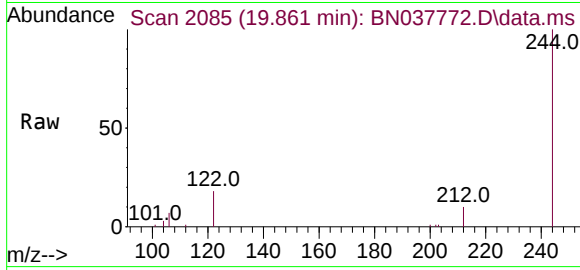




#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

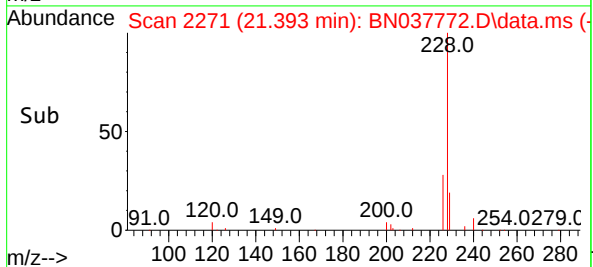
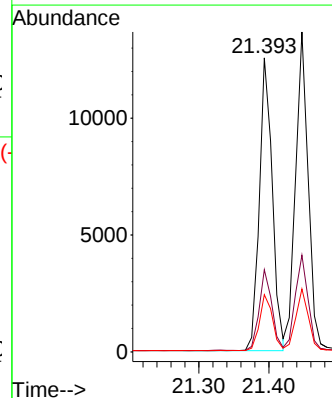
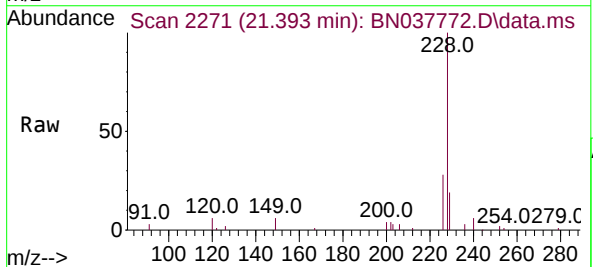
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

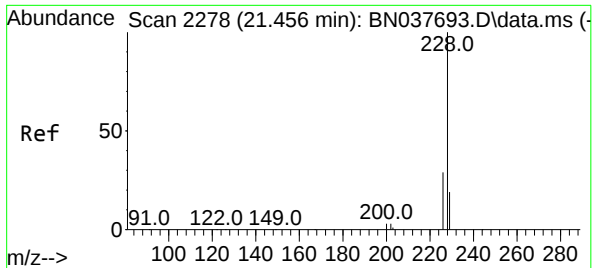
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	17.8	13.2	19.8



#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.5	15.8	23.6

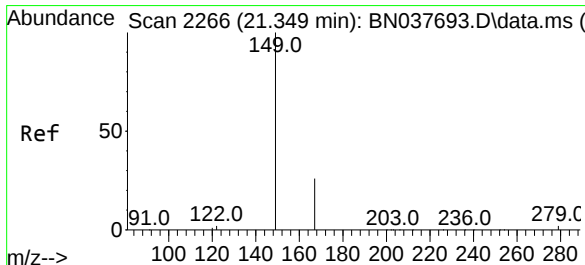
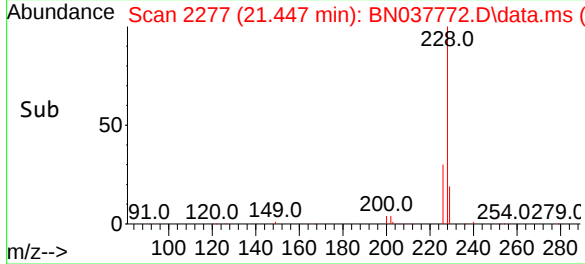
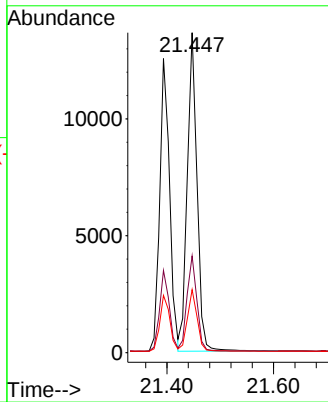
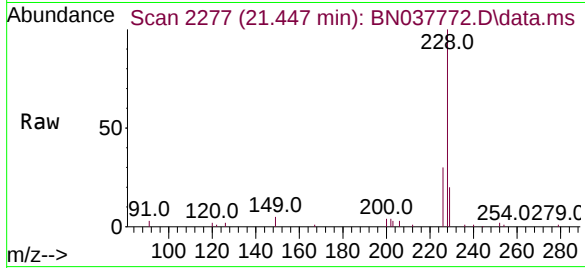




#33
Chrysene
Concen: 0.419 ng
RT: 21.447 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

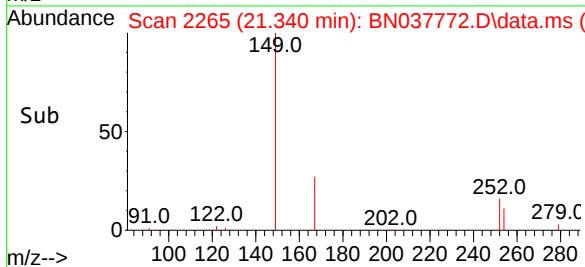
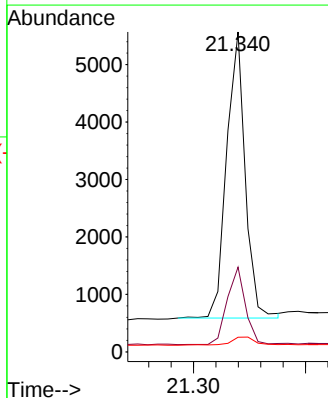
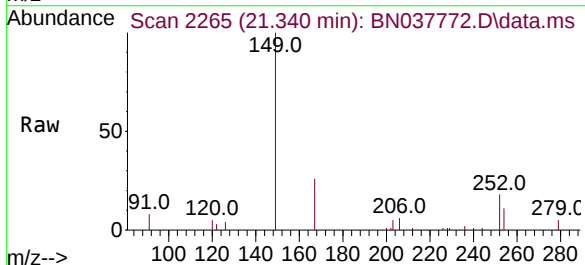
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

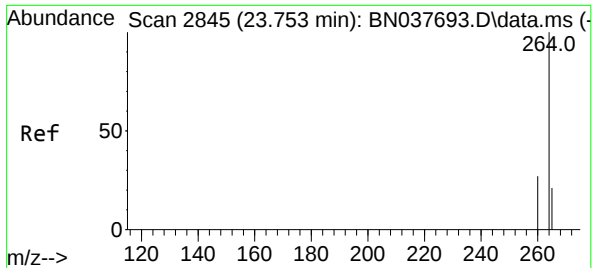
Tgt Ion:228	Resp:	17366
Ion Ratio	Lower	Upper
228	100	
226	30.2	23.5 35.3
229	19.7	15.9 23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.500 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

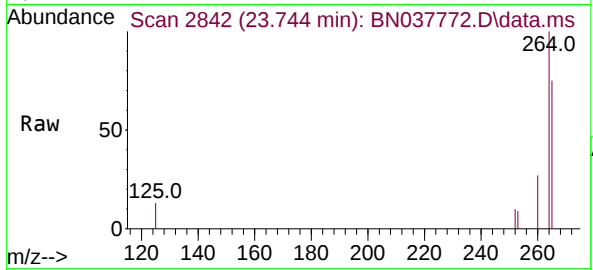
Tgt Ion:149	Resp:	5730
Ion Ratio	Lower	Upper
149	100	
167	26.9	20.8 31.2
279	4.0	3.3 4.9



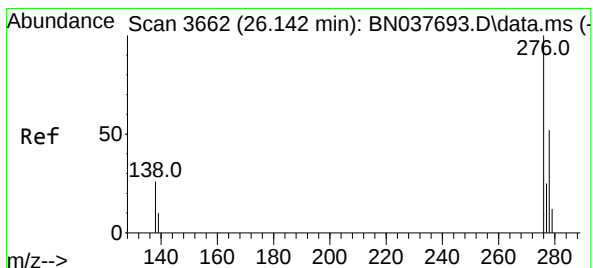
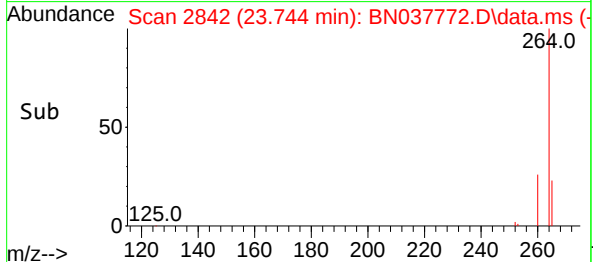
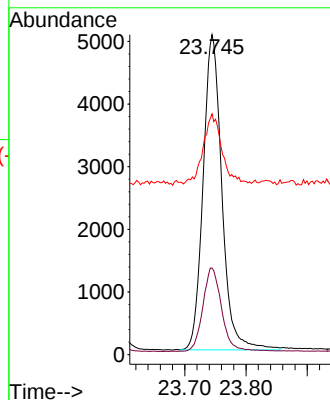


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MS

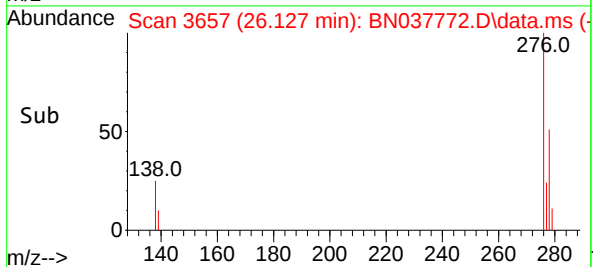
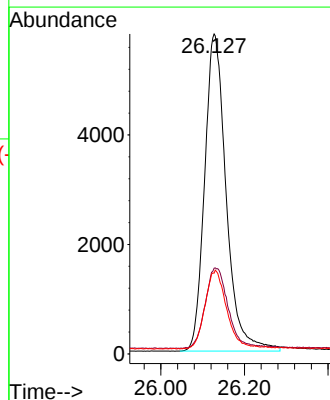
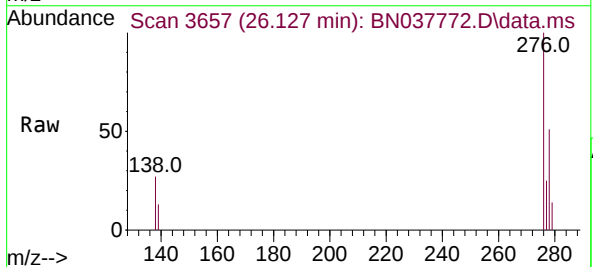


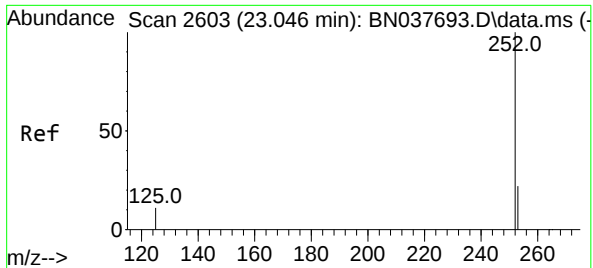
Tgt Ion:264 Resp: 10712
Ion Ratio Lower Upper
264 100
260 27.0 21.8 32.8
265 75.2 39.4 59.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng
RT: 26.127 min Scan# 3657
Delta R.T. -0.015 min
Lab File: BN037772.D
Acq: 18 Sep 2025 11:48

Tgt Ion:276 Resp: 20796
Ion Ratio Lower Upper
276 100
138 26.7 21.9 32.9
277 24.7 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 23.037 min Scan# 2600

Delta R.T. -0.009 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MS

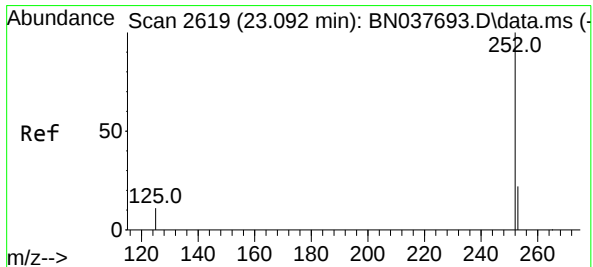
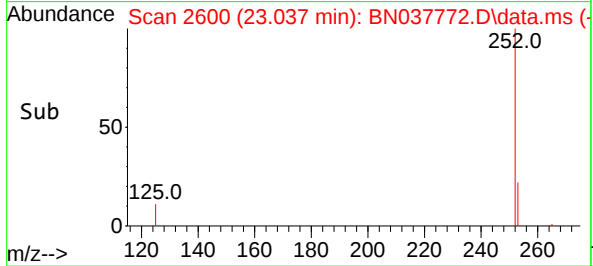
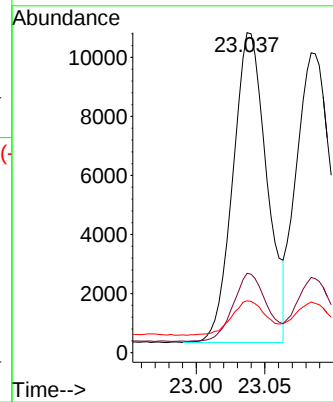
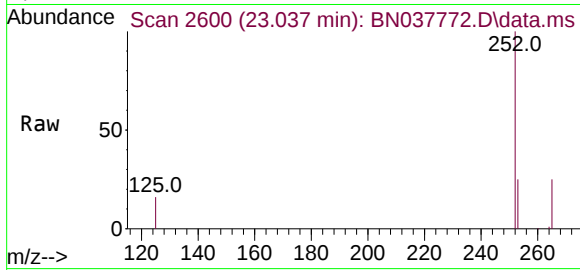
Tgt Ion:252 Resp: 18047

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.2

125 16.2 11.2 16.8



#38

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.084 min Scan# 2616

Delta R.T. -0.009 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

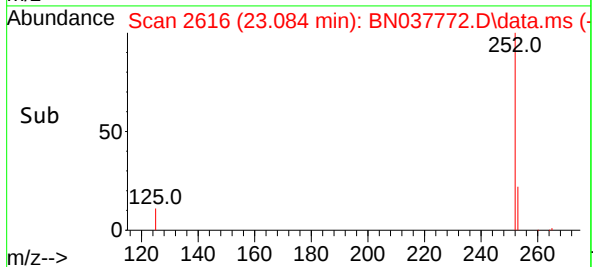
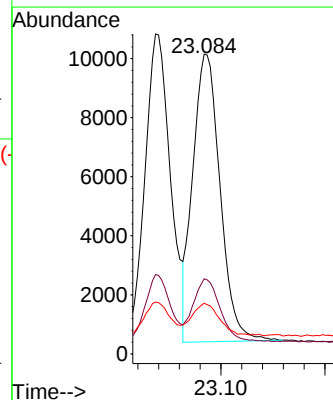
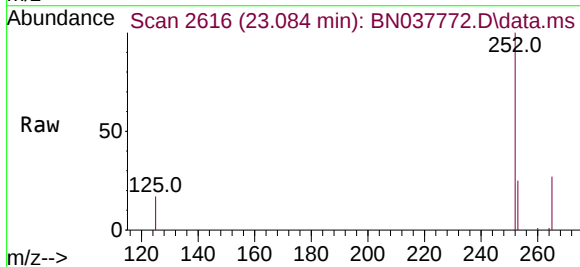
Tgt Ion:252 Resp: 17770

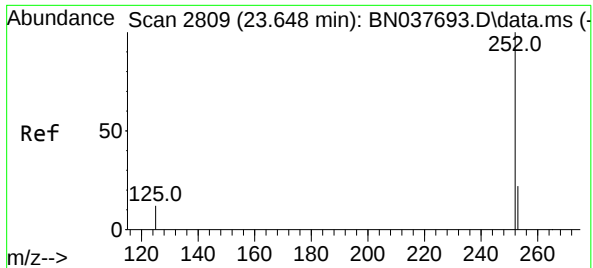
Ion Ratio Lower Upper

252 100

253 25.1 19.4 29.0

125 16.9 11.6 17.4





#39

Benzo(a)pyrene

Concen: 0.420 ng

RT: 23.642 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

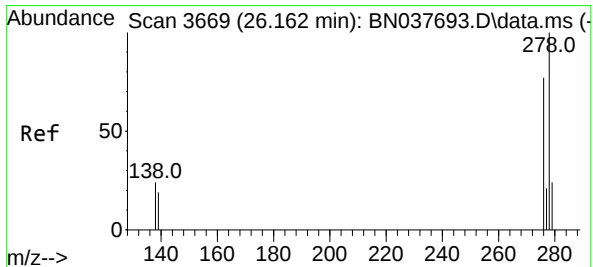
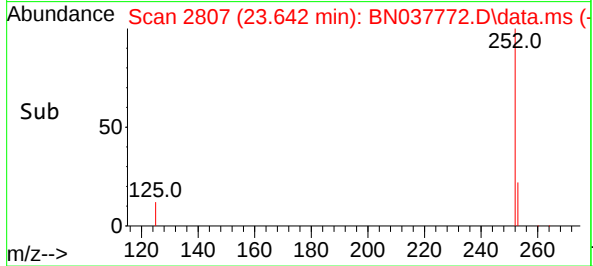
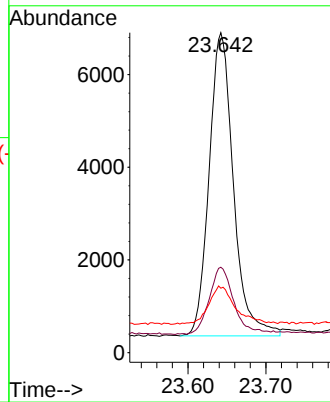
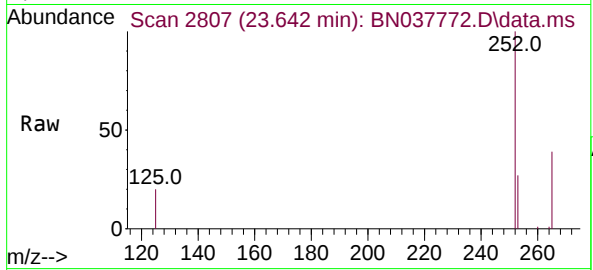
Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MS

Tgt Ion:252	Resp:	14195
Ion	Ratio	Lower Upper
252	100	
253	26.7	20.8 31.2
125	20.1	13.9 20.9



#40

Dibenzo(a,h)anthracene

Concen: 0.458 ng

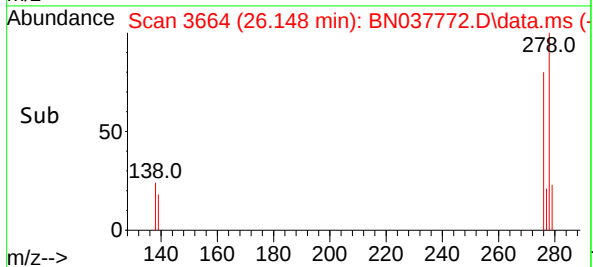
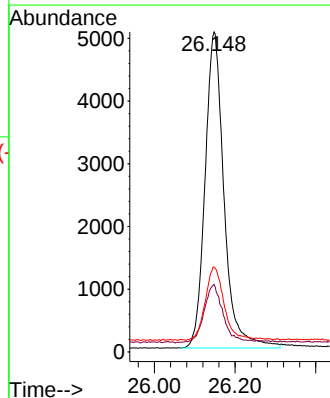
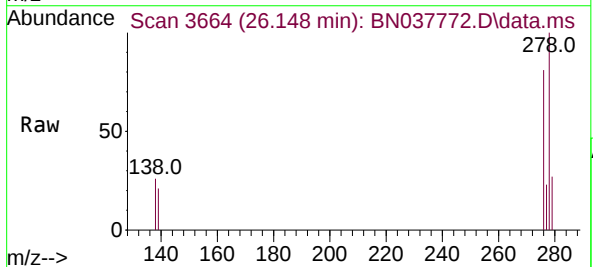
RT: 26.148 min Scan# 3664

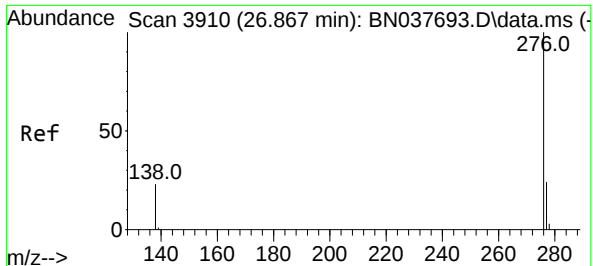
Delta R.T. -0.015 min

Lab File: BN037772.D

Acq: 18 Sep 2025 11:48

Tgt Ion:278	Resp:	16460
Ion	Ratio	Lower Upper
278	100	
139	21.1	17.8 26.6
279	26.5	22.0 33.0





#41

Benzo(g,h,i)perylene

Concen: 0.435 ng

RT: 26.855 min Scan# 39

Delta R.T. -0.012 min

Lab File: BN037772.D

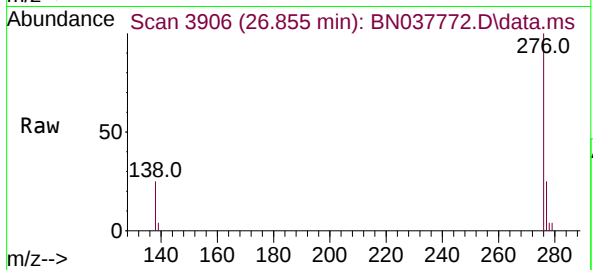
Acq: 18 Sep 2025 11:48

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MS



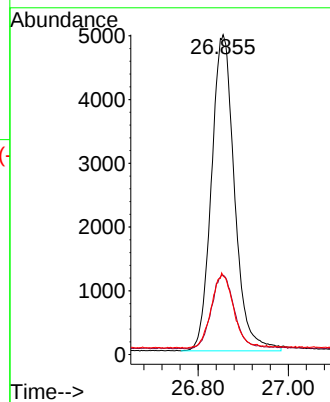
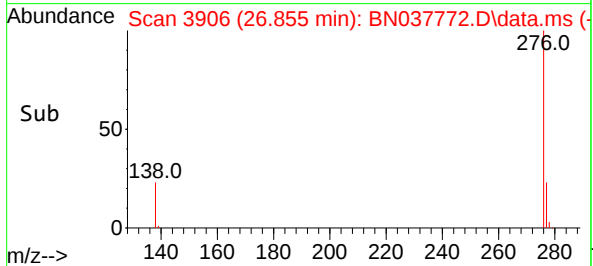
Tgt Ion:276 Resp: 17542

Ion Ratio Lower Upper

276 100

277 24.8 20.6 31.0

138 24.5 20.2 30.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037773.D
 Acq On : 18 Sep 2025 12:25
 Operator : RC/JU
 Sample : Q3097-03MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20250911MSD

Quant Time: Sep 18 12:59:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

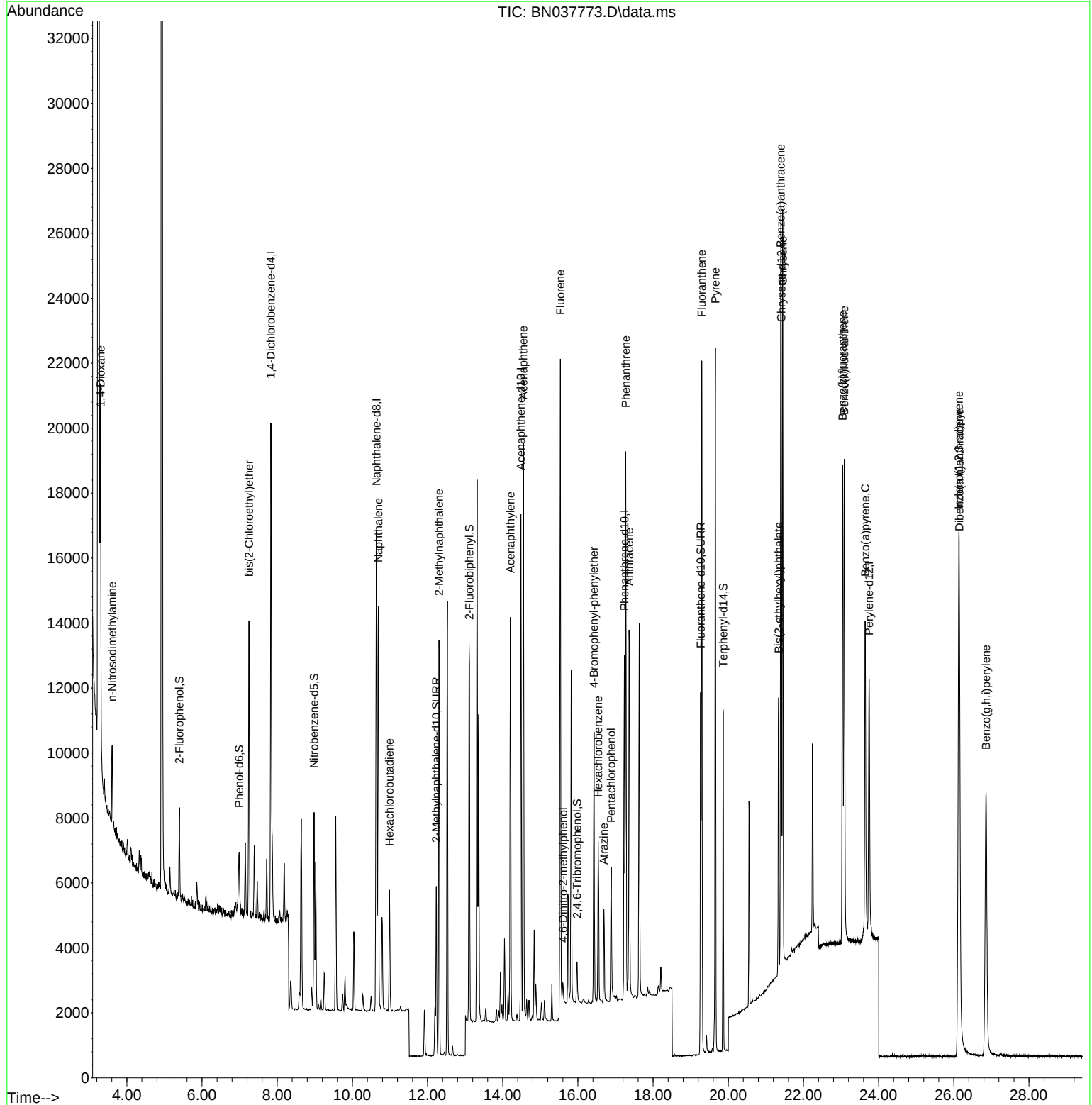
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7159	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19099	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8494	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	14218	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11982	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	11726	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2162	0.132	ng	0.00
5) Phenol-d6	6.988	99	1603	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	4572	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7086	0.280	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	876	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10884	0.306	ng	0.00
27) Fluoranthene-d10	19.266	212	12926	0.362	ng	0.00
31) Terphenyl-d14	19.866	244	9877	0.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	5455	0.732	ng	# 93
3) n-Nitrosodimethylamine	3.608	42	1372	0.141	ng	# 93
6) bis(2-Chloroethyl)ether	7.248	93	6329	0.332	ng	100
9) Naphthalene	10.690	128	16829	0.322	ng	99
10) Hexachlorobutadiene	10.989	225	2887	0.306	ng	# 98
12) 2-Methylnaphthalene	12.303	142	9108	0.282	ng	100
16) Acenaphthylene	14.206	152	13370	0.343	ng	99
17) Acenaphthene	14.548	154	8415	0.319	ng	99
18) Fluorene	15.535	166	10028	0.314	ng	100
20) 4,6-Dinitro-2-methylph...	15.609	198	468	0.355	ng	94
21) 4-Bromophenyl-phenylether	16.429	248	3385	0.365	ng	# 87
22) Hexachlorobenzene	16.540	284	3993	0.374	ng	98
23) Atrazine	16.689	200	2440	0.414	ng	# 90
24) Pentachlorophenol	16.888	266	2303	0.744	ng	97
25) Phenanthrene	17.273	178	16893	0.377	ng	99
26) Anthracene	17.359	178	14220	0.359	ng	99
28) Fluoranthene	19.294	202	18446	0.376	ng	99
30) Pyrene	19.657	202	18763	0.400	ng	100
32) Benzo(a)anthracene	21.393	228	17097	0.409	ng	99
33) Chrysene	21.447	228	18729	0.418	ng	98
34) Bis(2-ethylhexyl)phtha...	21.339	149	5916	0.477	ng	99
36) Indeno(1,2,3-cd)pyrene	26.130	276	22920	0.465	ng	99
37) Benzo(b)fluoranthene	23.040	252	19407	0.420	ng	98
38) Benzo(k)fluoranthene	23.086	252	19956	0.424	ng	98
39) Benzo(a)pyrene	23.642	252	15734	0.426	ng	98
40) Dibenzo(a,h)anthracene	26.148	278	17896	0.455	ng	97
41) Benzo(g,h,i)perylene	26.855	276	19134	0.433	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037773.D
Acq On : 18 Sep 2025 12:25
Operator : RC/JU
Sample : Q3097-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

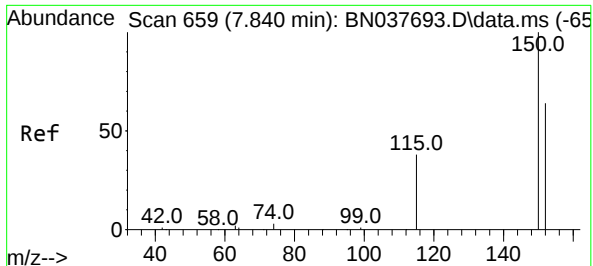
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

Quant Time: Sep 18 12:59:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



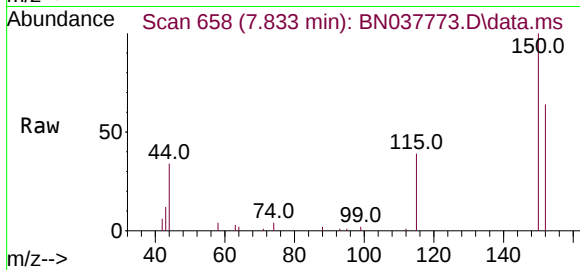
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K

Page: 2

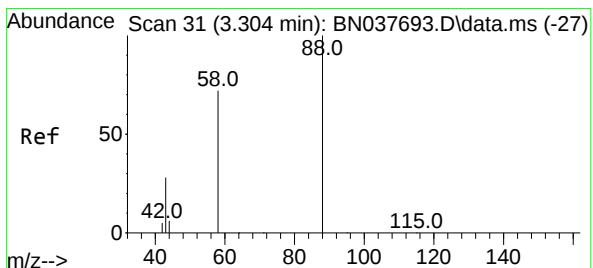
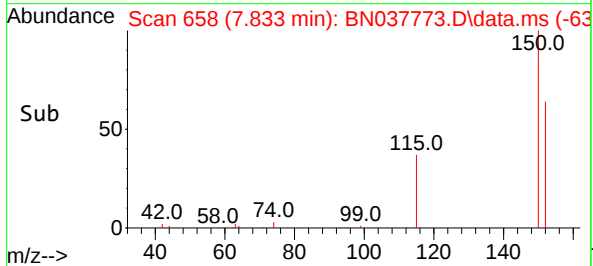
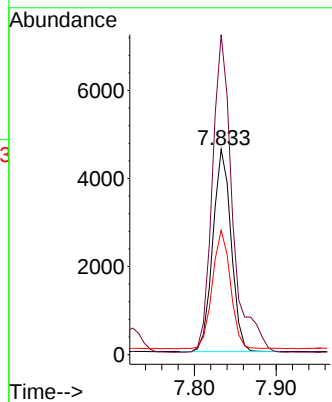


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1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

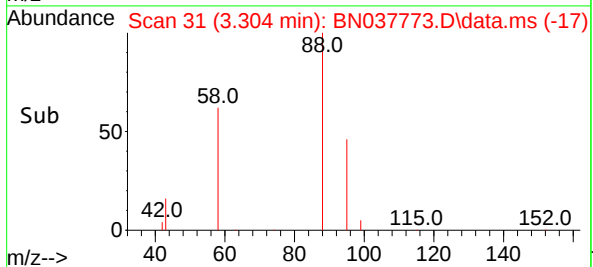
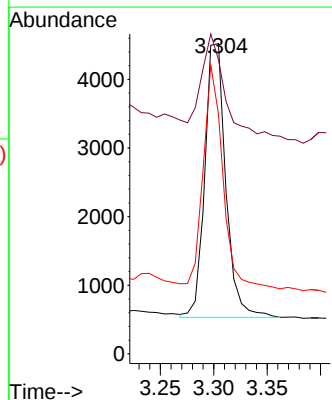
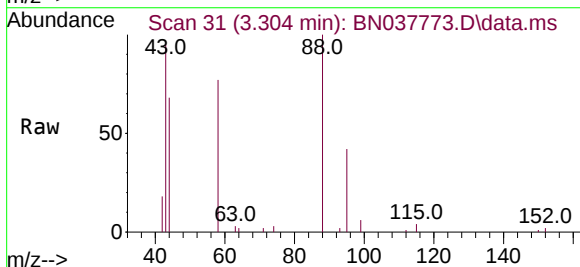


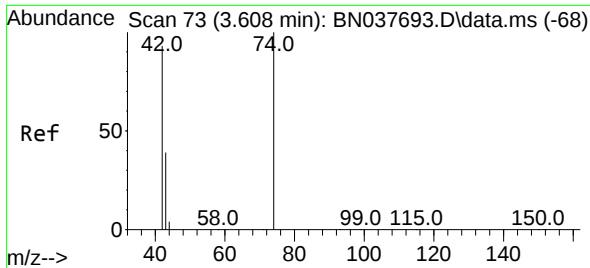
Tgt Ion:152 Resp: 7159
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 60.5 49.2 73.8



#2
1,4-Dioxane
Concen: 0.732 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion: 88 Resp: 5455
Ion Ratio Lower Upper
88 100
43 45.0 26.8 40.2#
58 76.7 61.9 92.9

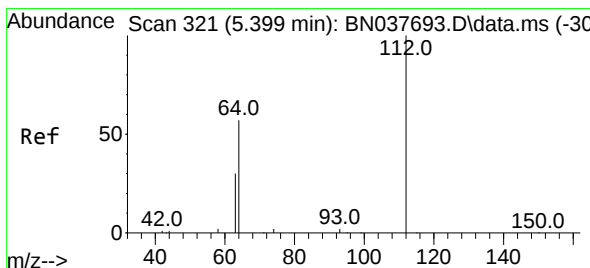
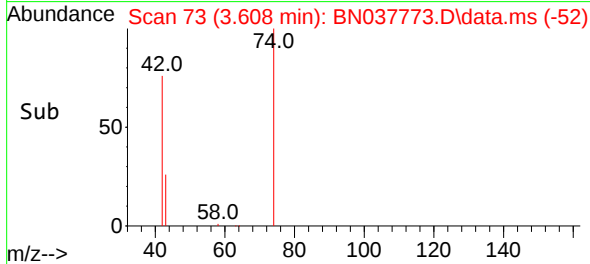
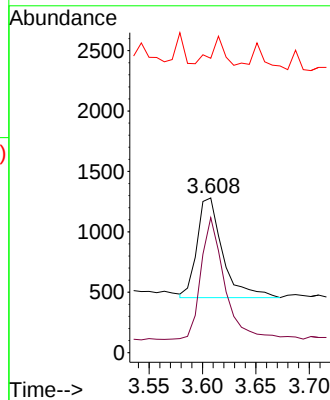
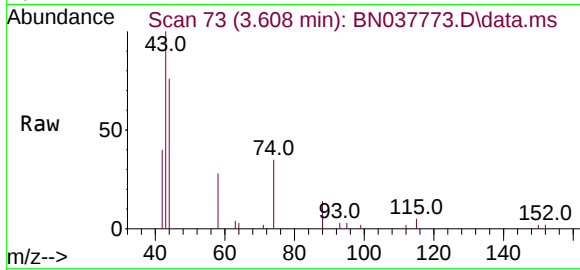




#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.608 min Scan# 73
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

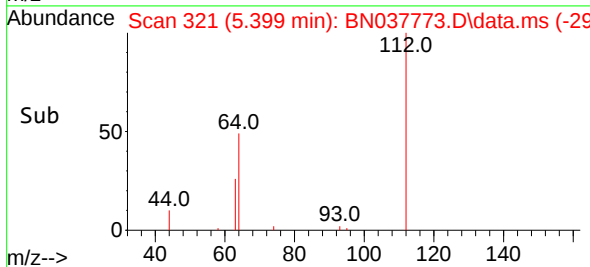
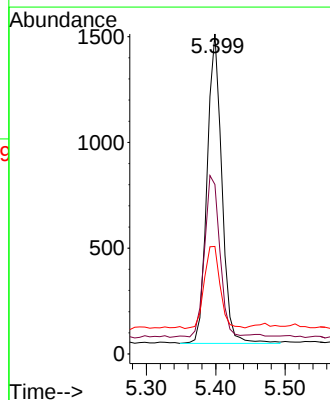
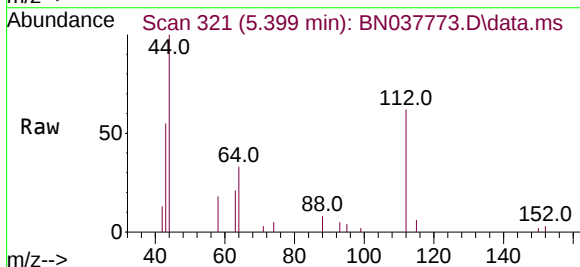
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

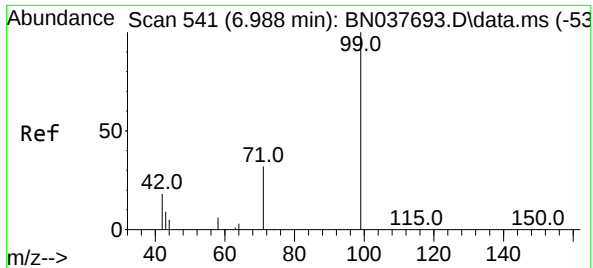
Tgt Ion: 42 Resp: 1372
Ion Ratio Lower Upper
42 100
74 114.1 86.0 129.0
44 15.3 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion: 112 Resp: 2162
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 28.6 24.7 37.1

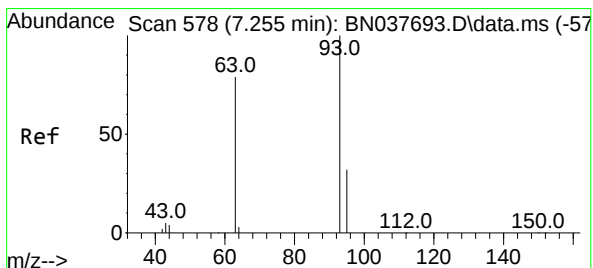
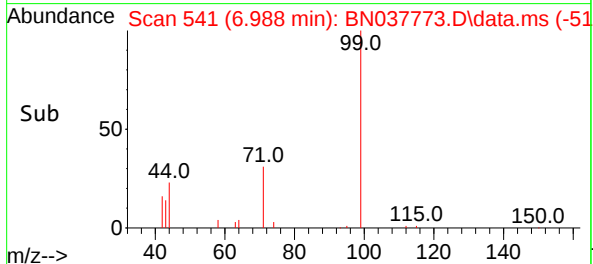
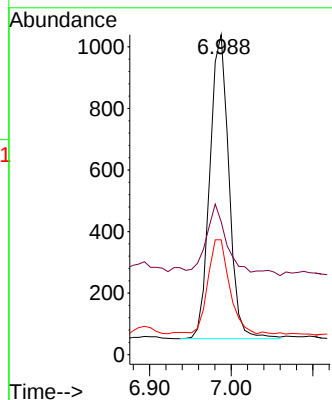
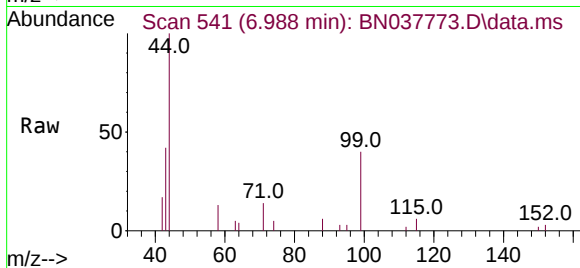




#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

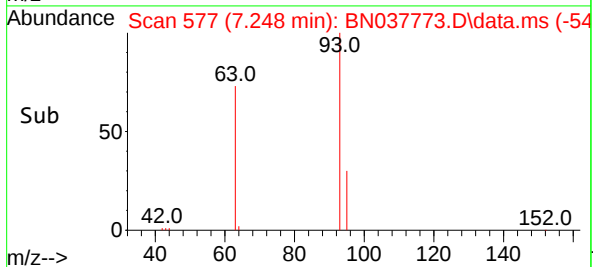
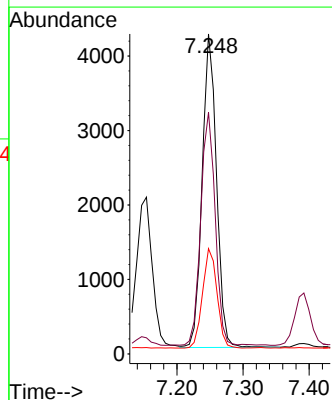
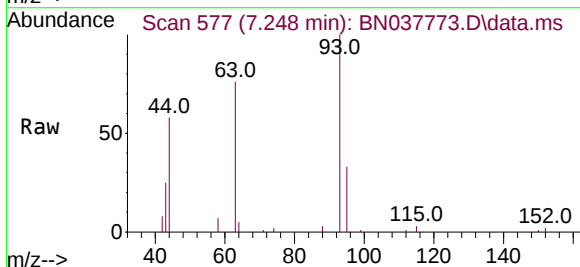
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

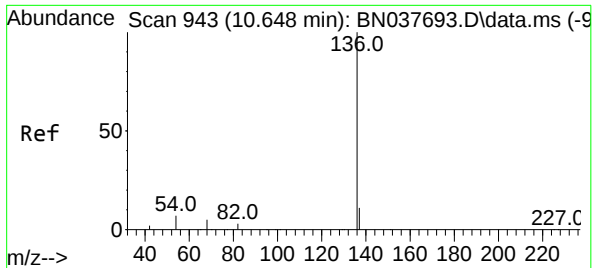
Tgt Ion:	99	Resp:	1603
Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	36.1	26.7	40.1



#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:	93	Resp:	6329
Ion	Ratio	Lower	Upper
93	100		
63	75.4	60.6	90.8
95	32.2	26.0	39.0

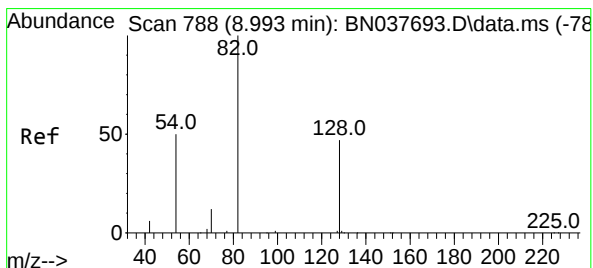
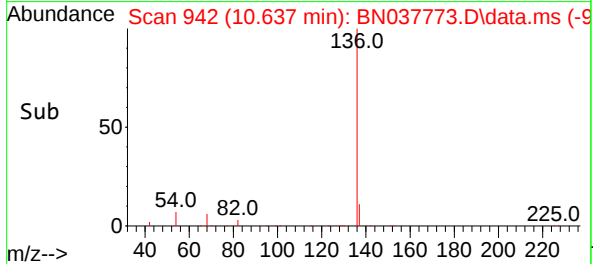
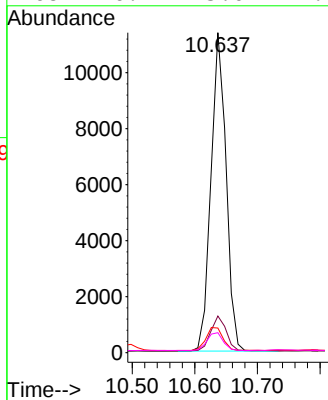
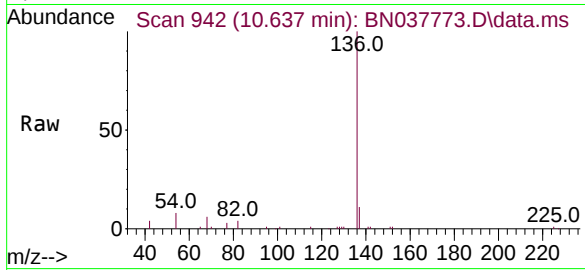




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

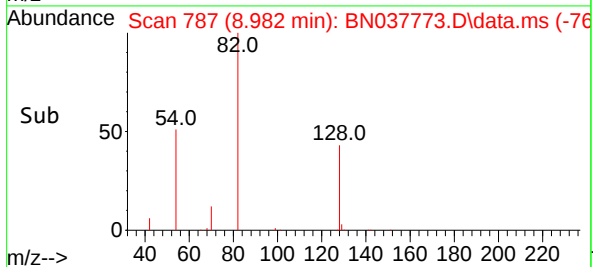
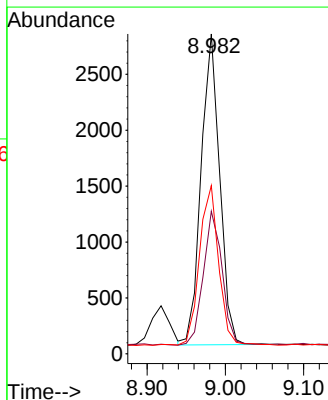
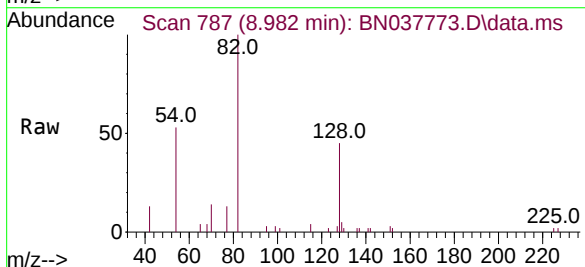
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

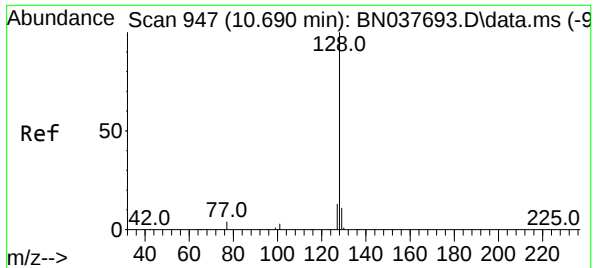
Tgt Ion:	136	Resp:	19099
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	6.3	9.5
68	6.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:	82	Resp:	4572
Ion	Ratio	Lower	Upper
82	100		
128	44.6	38.3	57.5
54	52.6	41.4	62.2

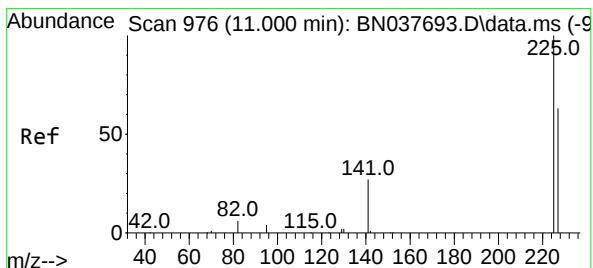
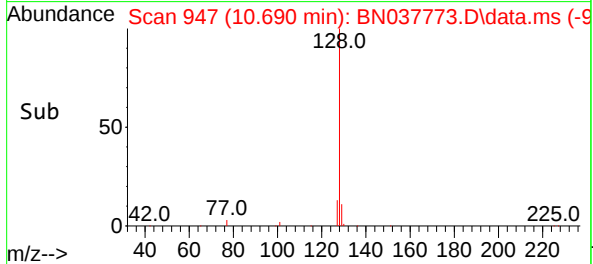
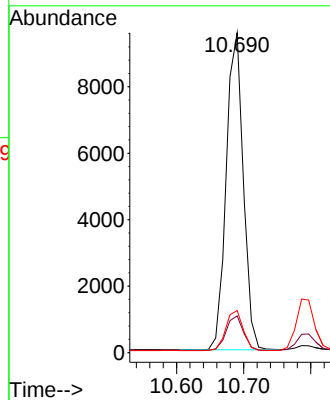
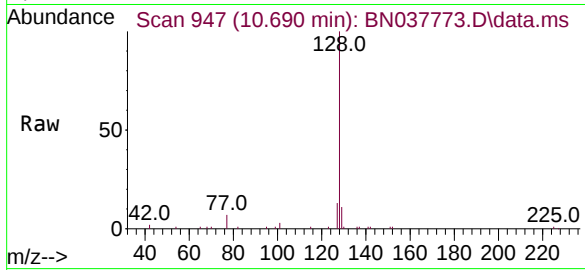




#9
Naphthalene
Concen: 0.322 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

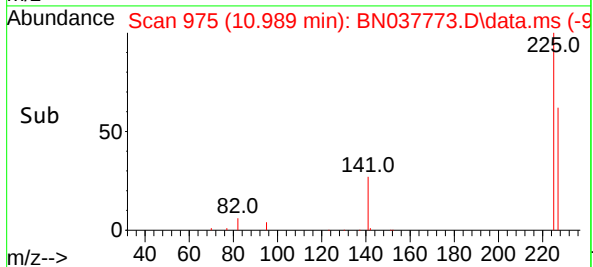
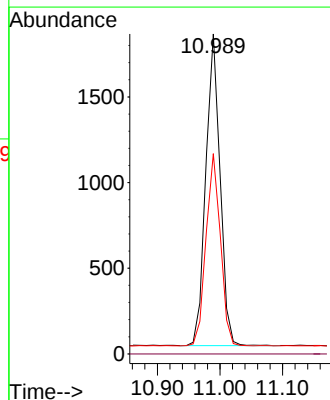
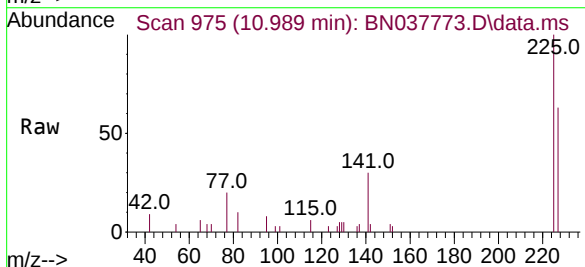
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

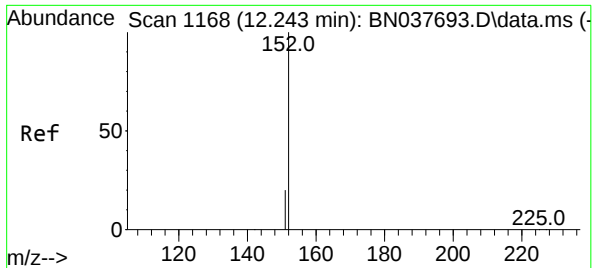
Tgt Ion:	128	Resp:	16829
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.1	10.9	16.3



#10
Hexachlorobutadiene
Concen: 0.306 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:	225	Resp:	2887
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.2	50.9	76.3

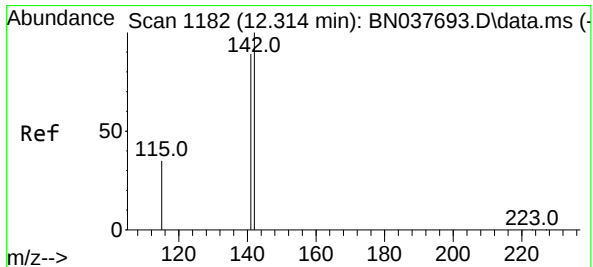
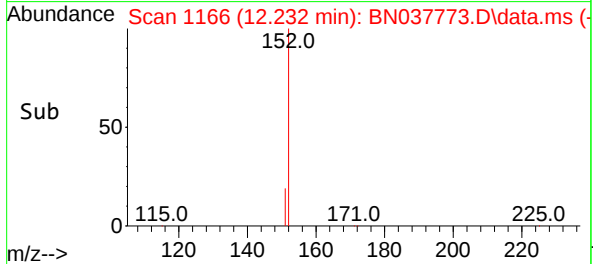
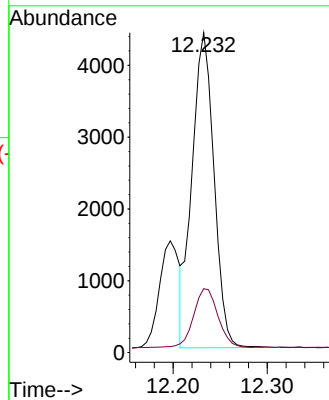
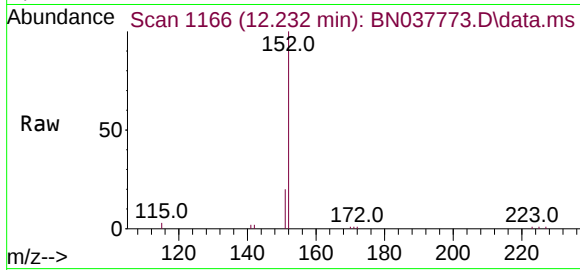




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

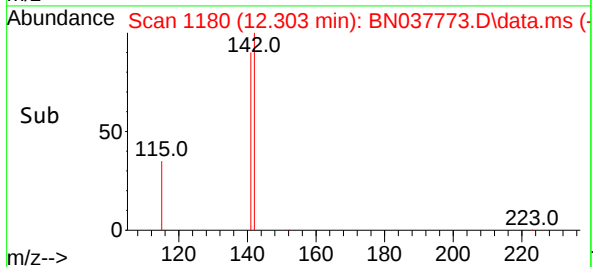
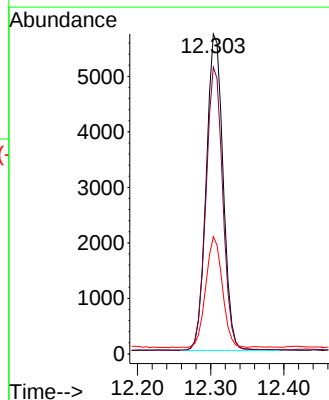
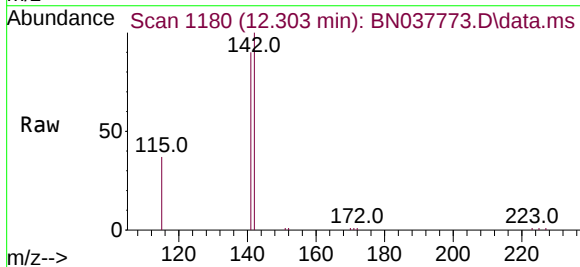
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

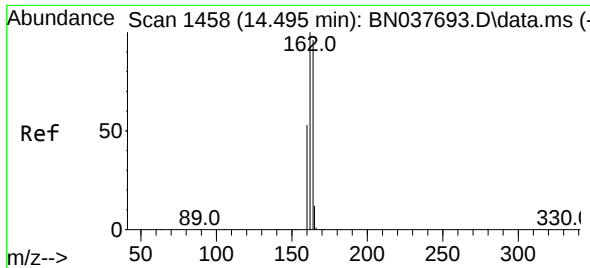
Tgt Ion:152 Resp: 7086
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.303 min Scan# 1180
Delta R.T. -0.010 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:142 Resp: 9108
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
115 36.6 28.6 43.0

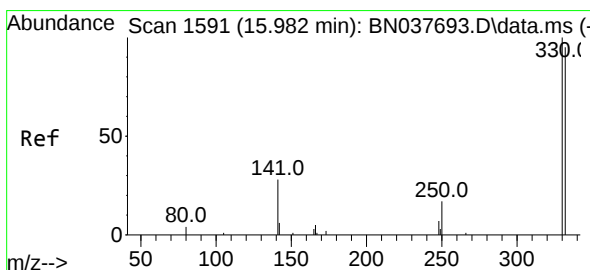
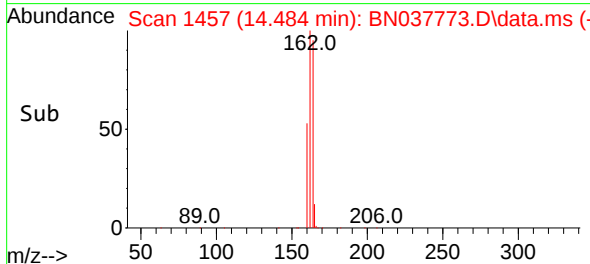
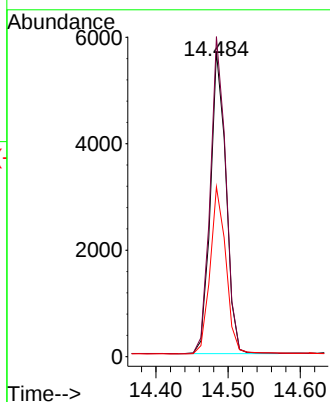
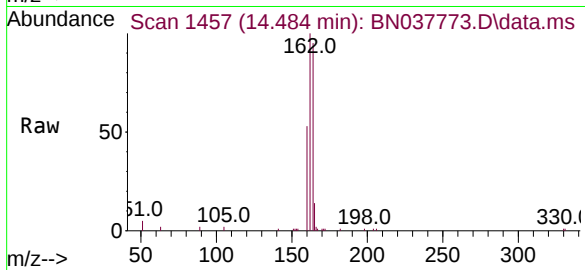




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

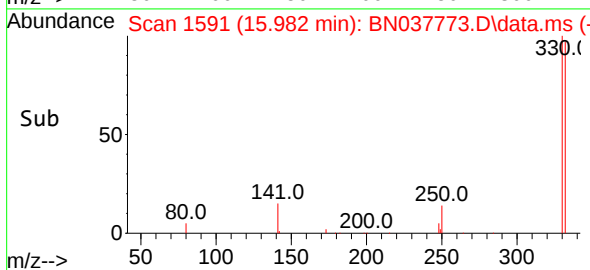
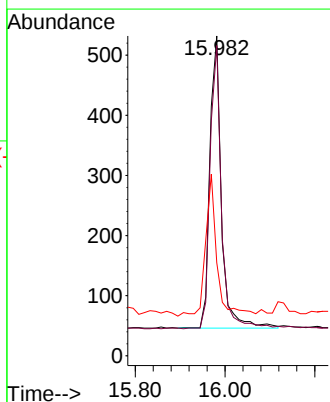
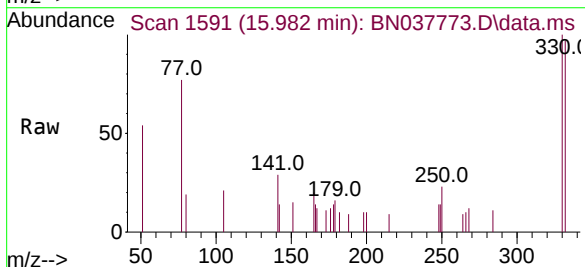
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

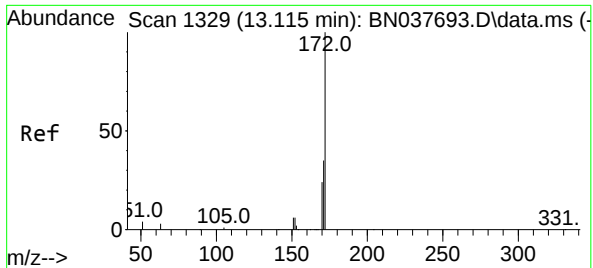
Tgt Ion:164	Resp:	8494
Ion Ratio	Lower	Upper
164	100	
162	105.0	83.1 124.7
160	55.7	44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:330	Resp:	876
Ion Ratio	Lower	Upper
330	100	
332	95.3	75.3 112.9
141	47.4	35.0 52.4

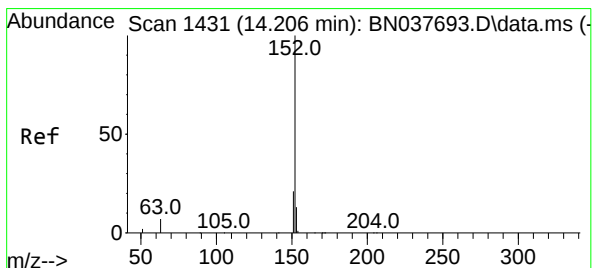
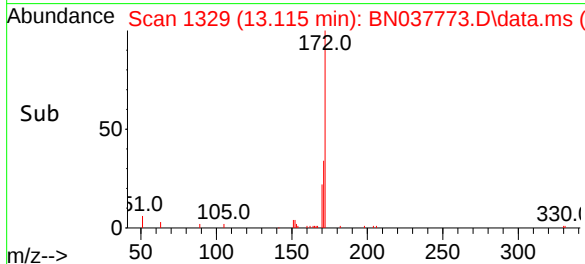
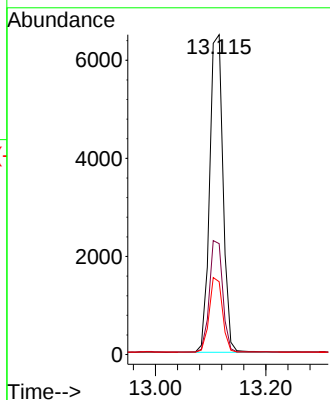
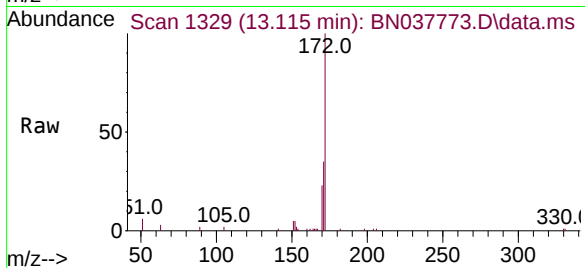




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

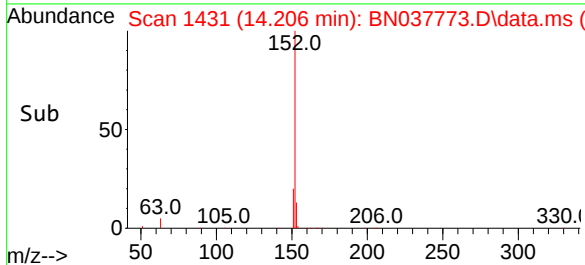
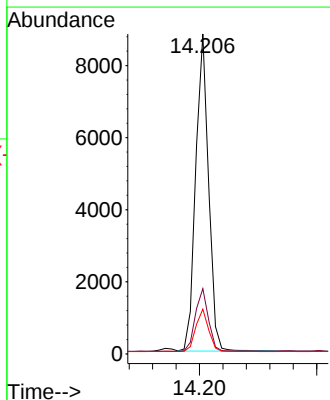
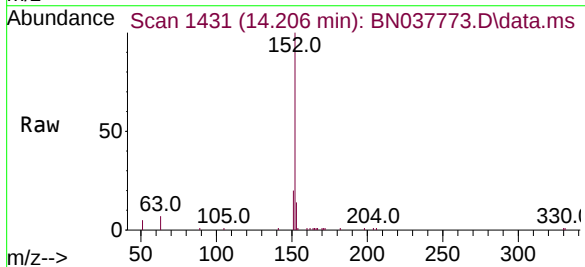
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

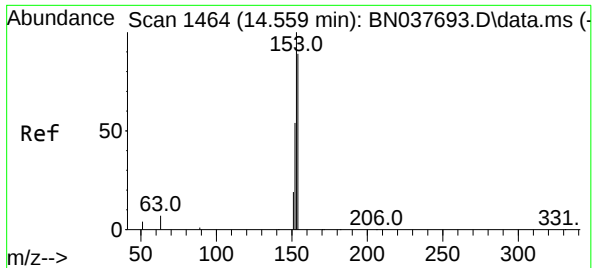
Tgt Ion:	172	Resp:	10884
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.8	29.8



#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.206 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:	152	Resp:	13370
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.3	10.4	15.6

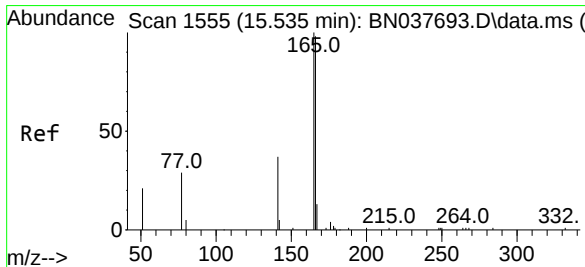
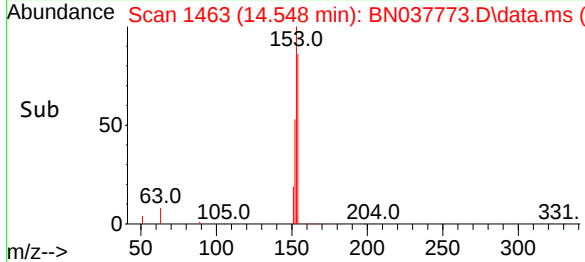
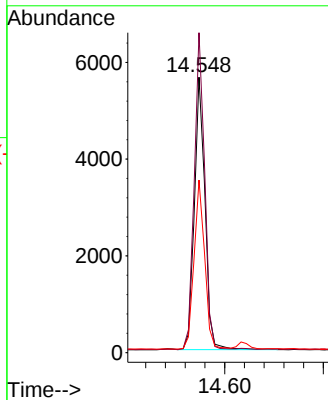
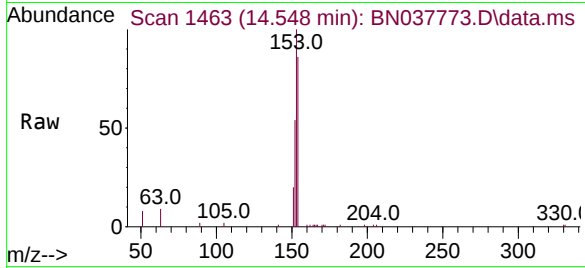




#17
Acenaphthene
Concen: 0.319 ng
RT: 14.548 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

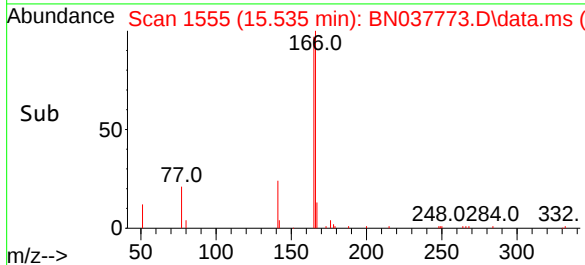
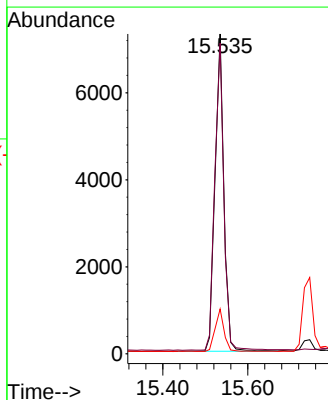
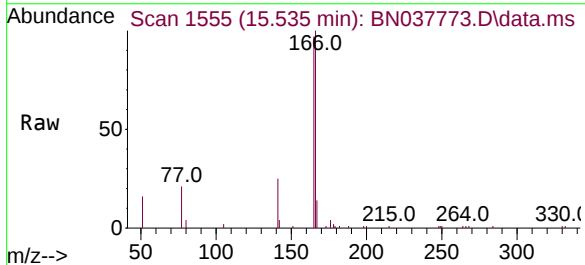
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

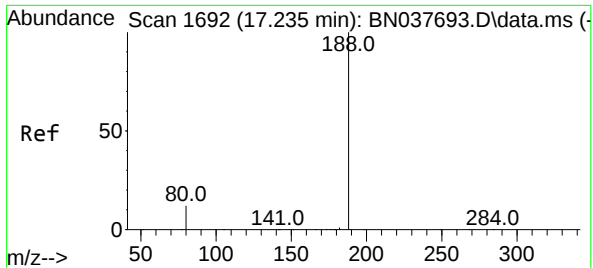
Tgt Ion:154 Resp: 8415
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.8
152 62.0 50.2 75.2



#18
Fluorene
Concen: 0.314 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:166 Resp: 10028
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 14.0 10.6 16.0

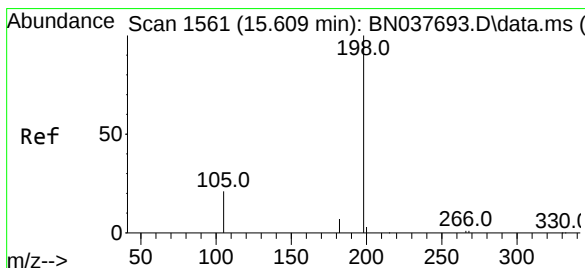
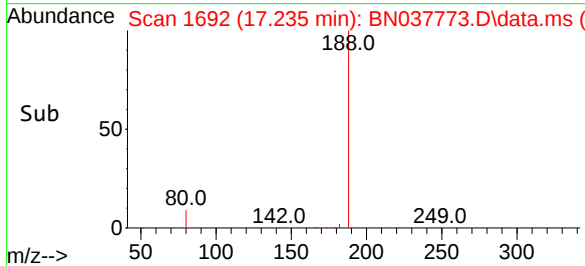
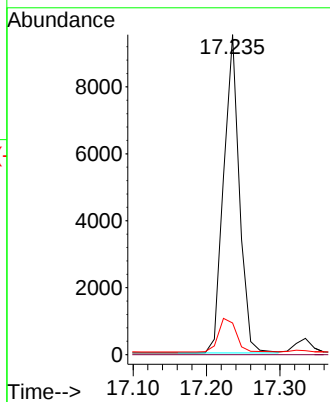
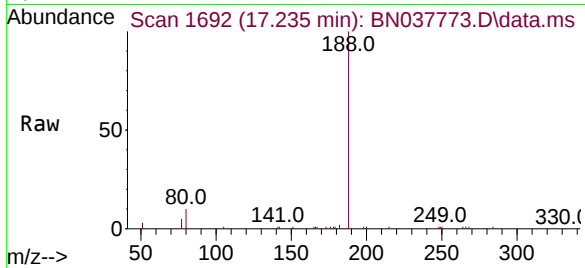




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

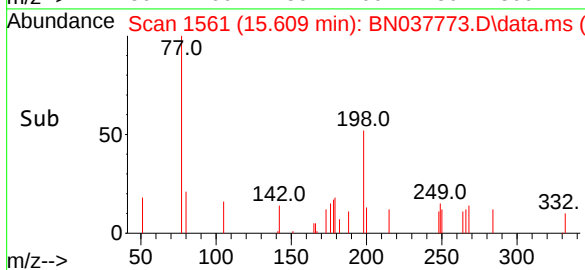
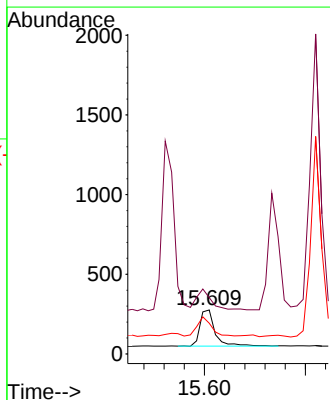
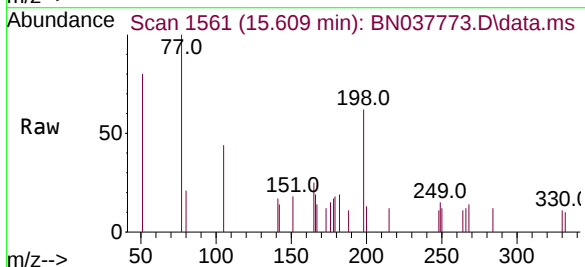
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

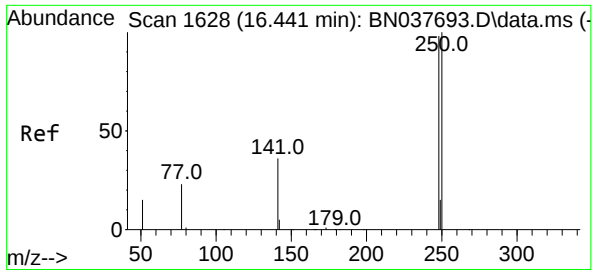
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	10.6	15.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.355 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	127.9	95.1	142.7
105	69.9	53.8	80.6

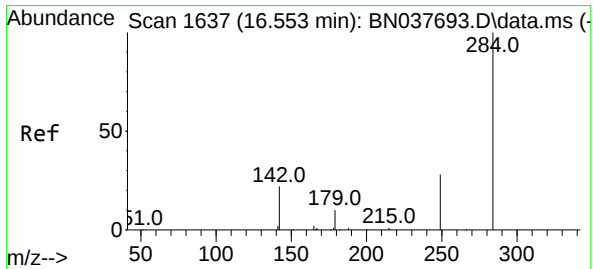
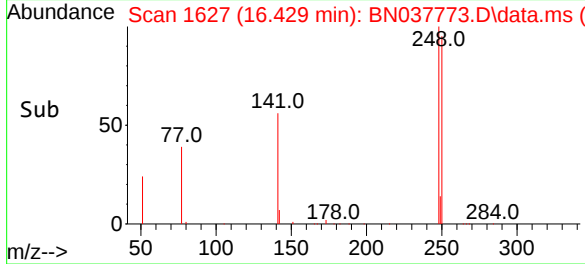
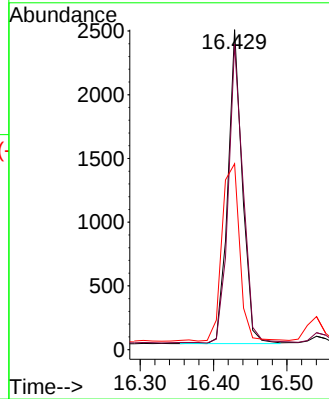
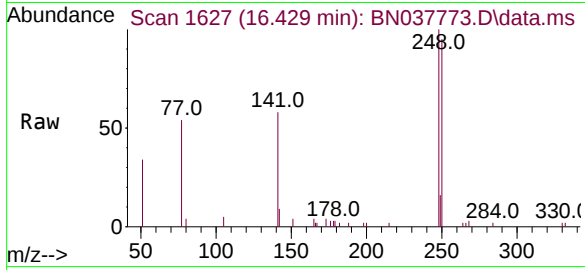




#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.429 min Scan# 1627
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

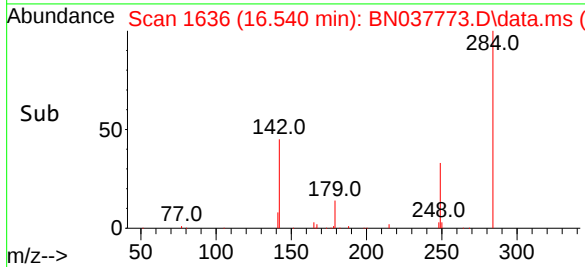
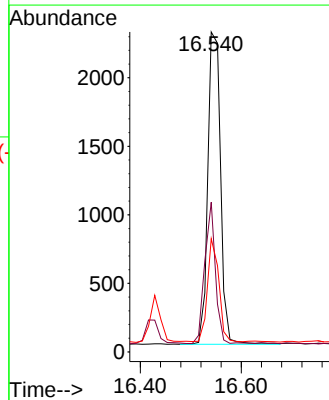
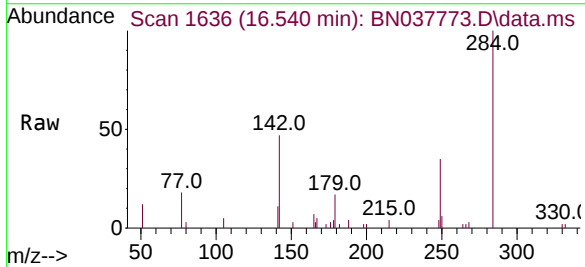
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

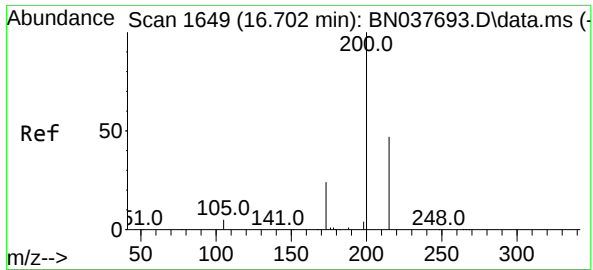
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	81.5	122.3
141	58.1	30.8	46.2



#22
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.540 min Scan# 1636
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.9	46.3
249	29.4	24.8	37.2





#23

Atrazine

Concen: 0.414 ng

RT: 16.689 min Scan# 1648

Delta R.T. -0.013 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MSD

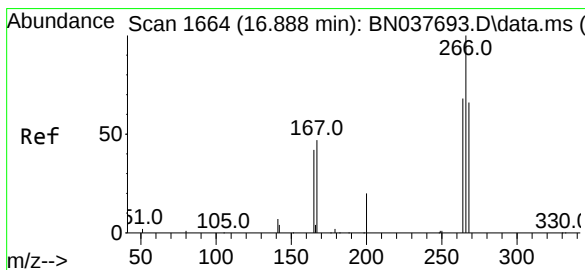
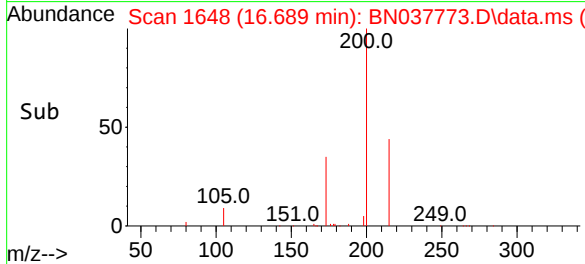
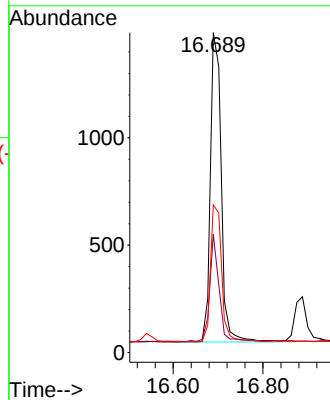
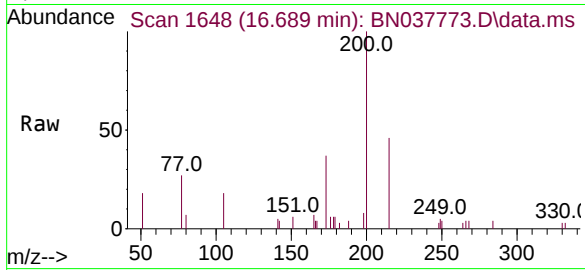
Tgt Ion:200 Resp: 2440

Ion Ratio Lower Upper

200 100

173 37.0 21.4 32.2#

215 46.2 39.2 58.8



#24

Pentachlorophenol

Concen: 0.744 ng

RT: 16.888 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

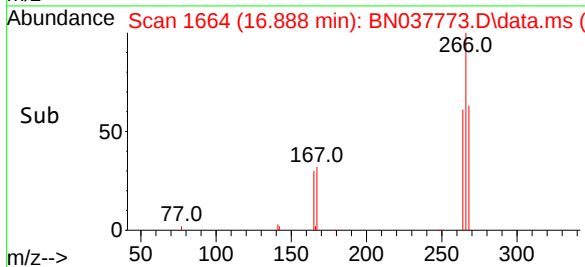
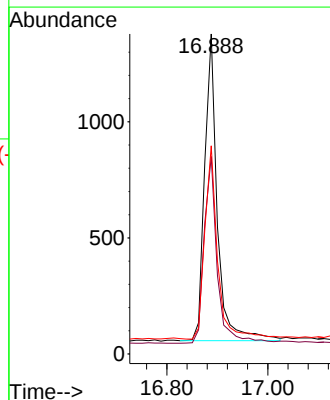
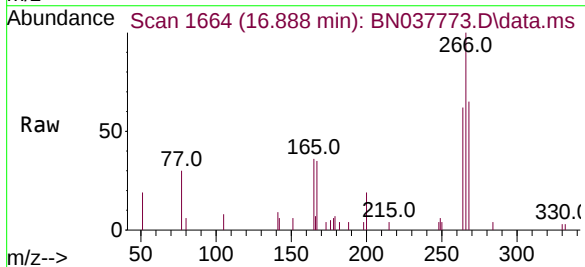
Tgt Ion:266 Resp: 2303

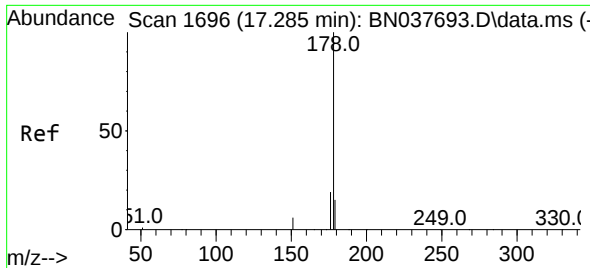
Ion Ratio Lower Upper

266 100

264 62.2 51.6 77.4

268 64.2 53.2 79.8

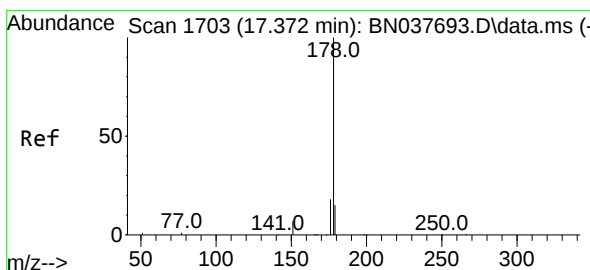
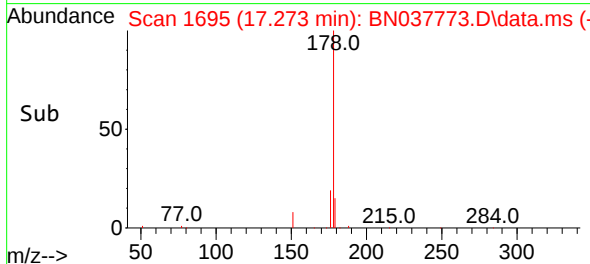
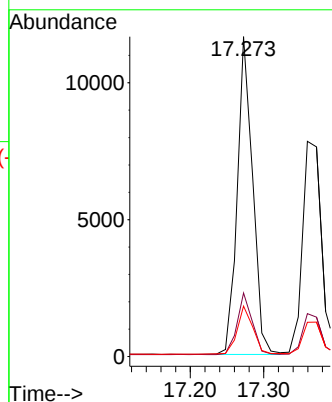
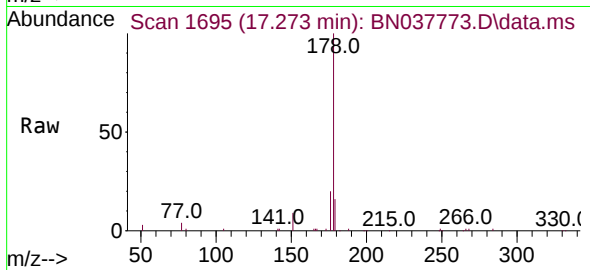




#25
Phenanthrene
Concen: 0.377 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

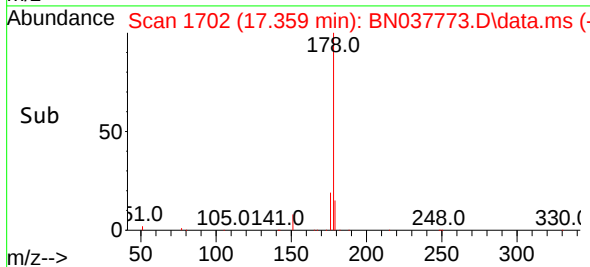
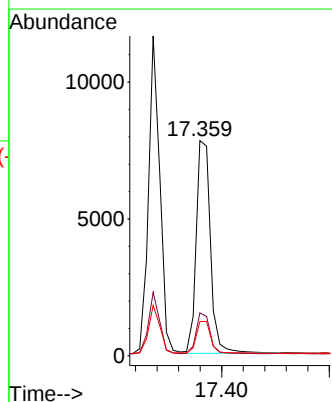
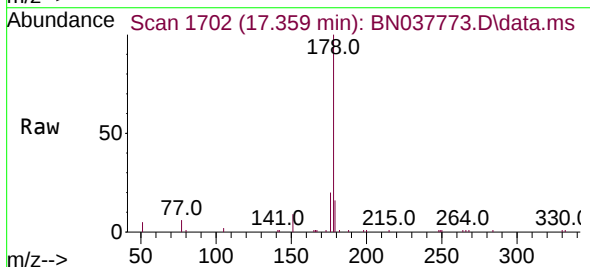
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

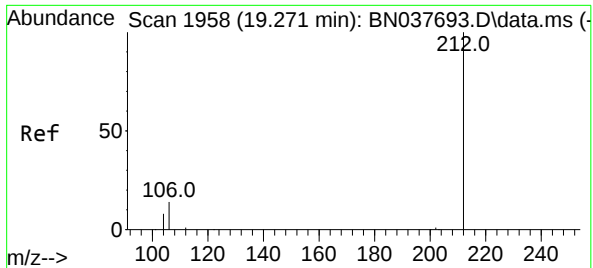
Tgt Ion:178 Resp: 16893
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.2 18.2



#26
Anthracene
Concen: 0.359 ng
RT: 17.359 min Scan# 1702
Delta R.T. -0.013 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:178 Resp: 14220
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.2 12.2 18.4

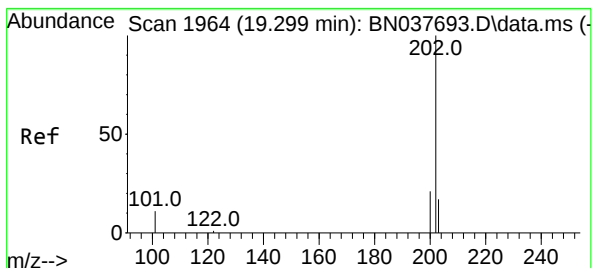
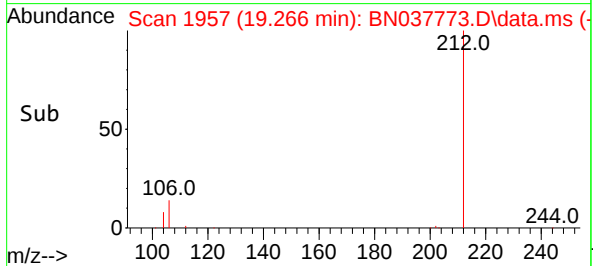
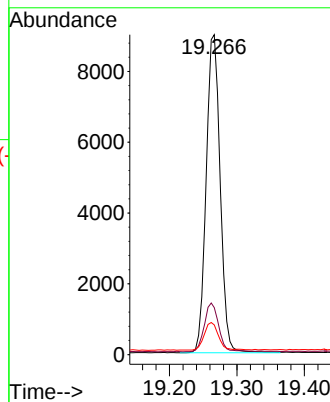
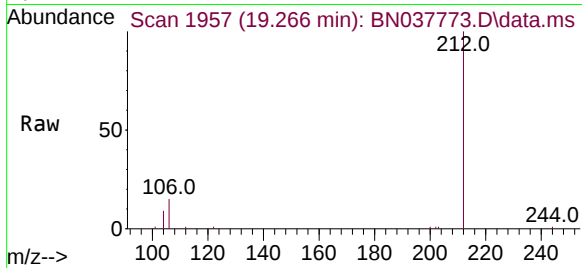




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

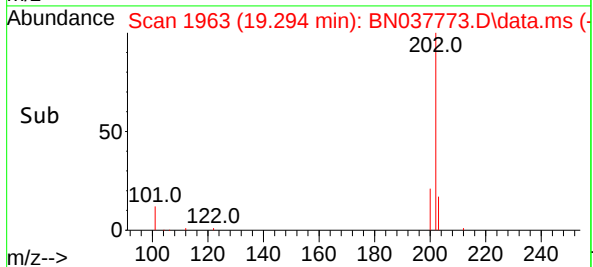
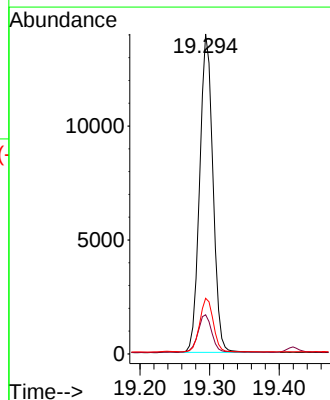
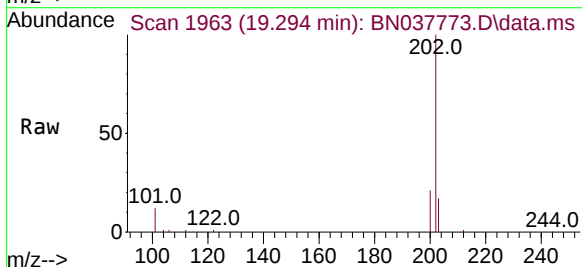
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

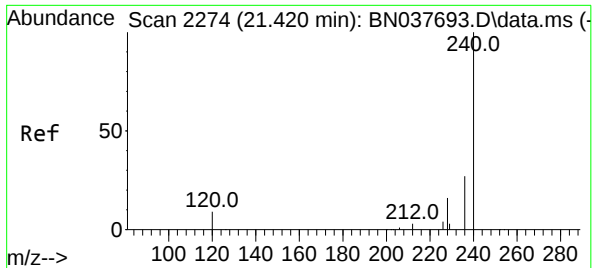
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.2	18.2
104	8.7	6.9	10.3



#28
Fluoranthene
Concen: 0.376 ng
RT: 19.294 min Scan# 1963
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
203	17.2	13.7	20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MSD

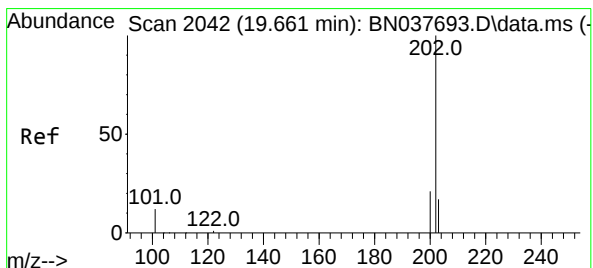
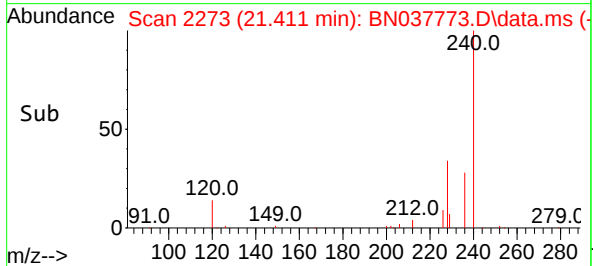
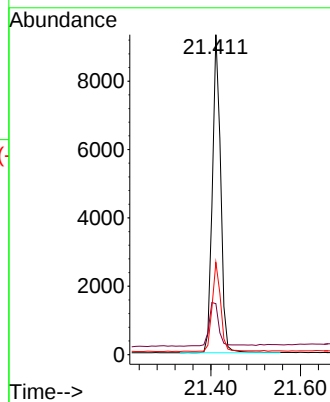
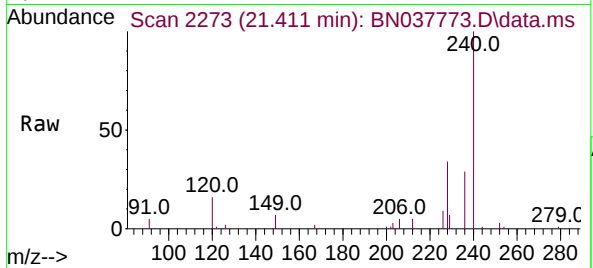
Tgt Ion:240 Resp: 11982

Ion Ratio Lower Upper

240 100

120 15.9 9.2 13.8#

236 28.8 22.6 33.8



#30

Pyrene

Concen: 0.400 ng

RT: 19.657 min Scan# 2041

Delta R.T. -0.005 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

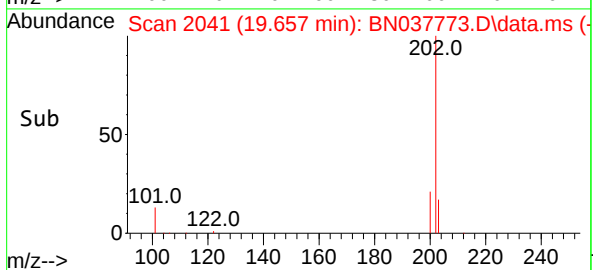
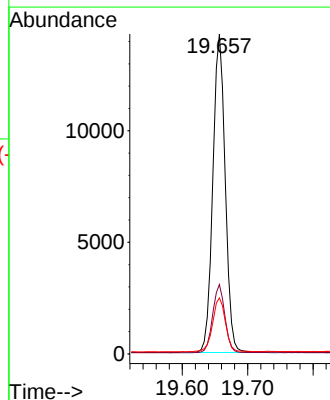
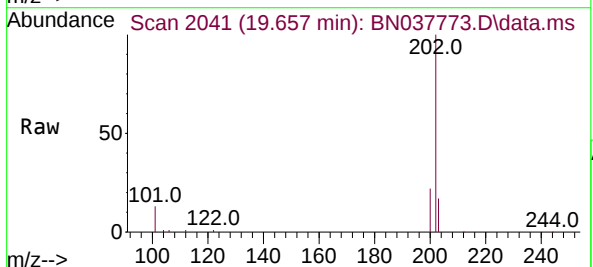
Tgt Ion:202 Resp: 18763

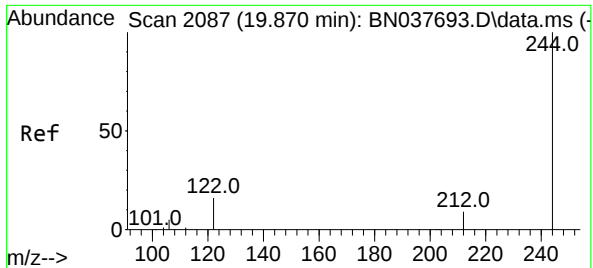
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.7 14.3 21.5

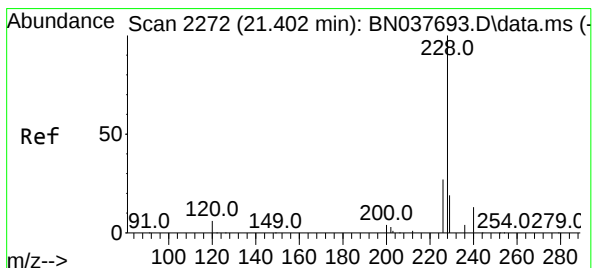
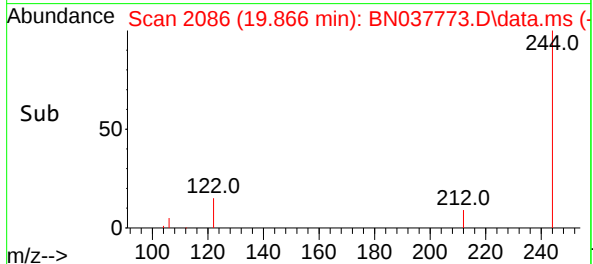
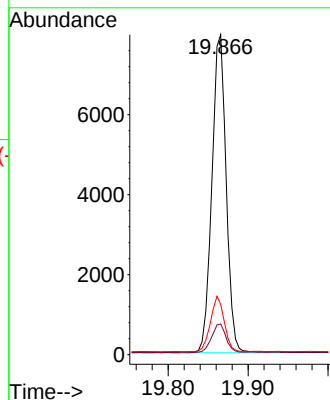
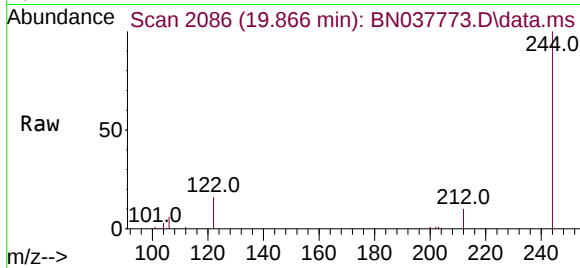




#31
Terphenyl-d14
Concen: 0.406 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

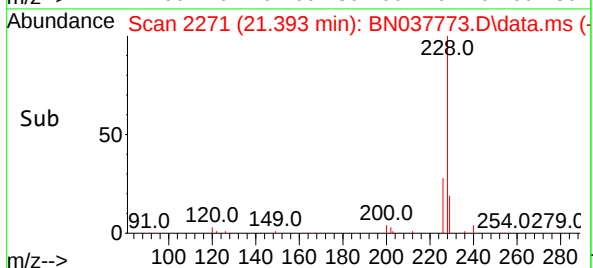
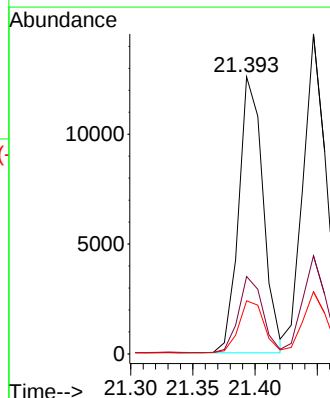
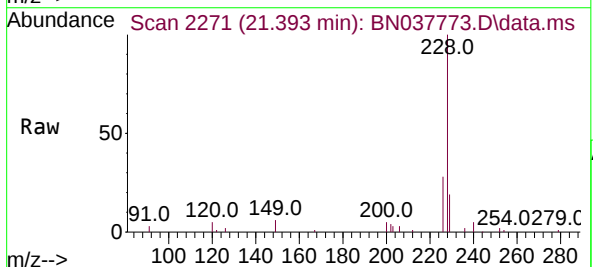
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

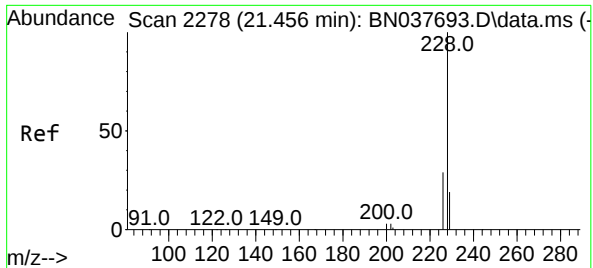
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	15.7	13.2	19.8



#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.2	33.2
229	19.2	15.8	23.6

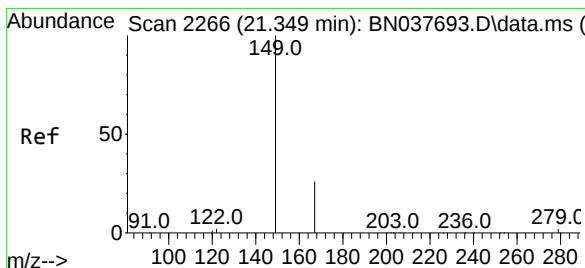
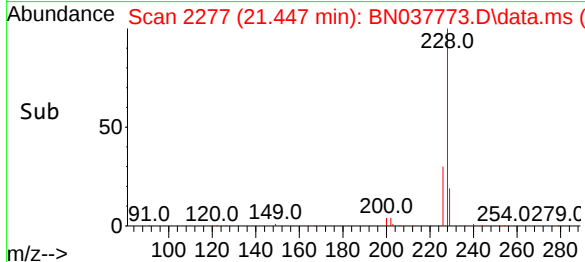
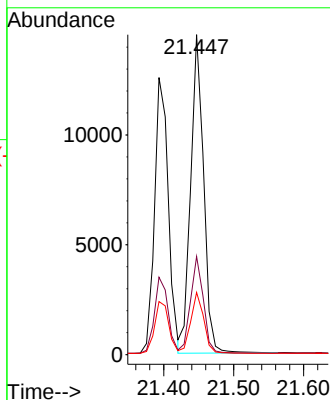
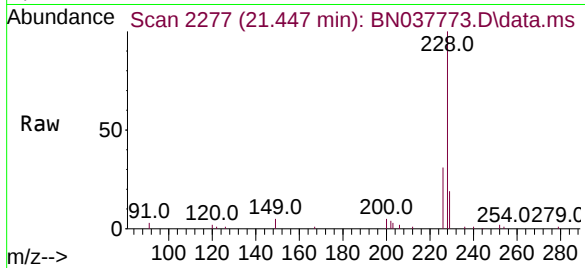




#33
Chrysene
Concen: 0.418 ng
RT: 21.447 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

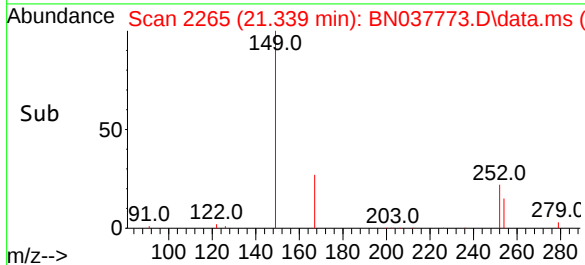
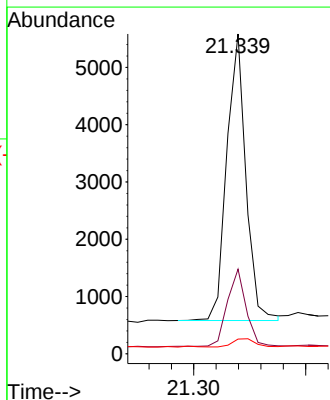
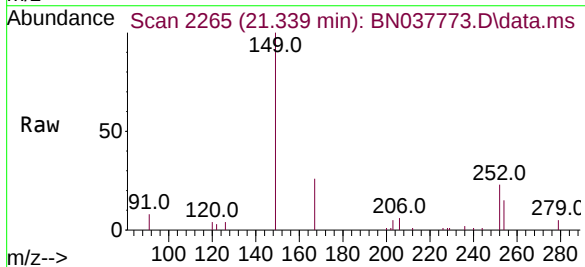
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

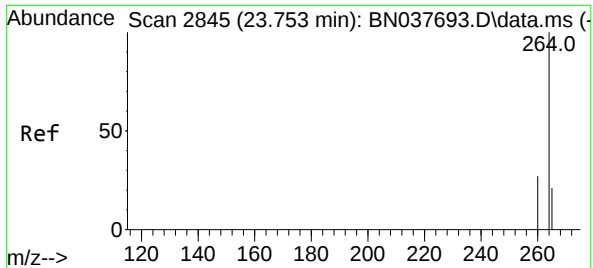
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.5	35.3
229	19.4	15.9	23.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.477 ng
RT: 21.339 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

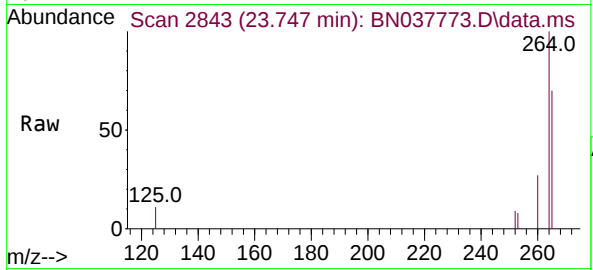
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	3.4	3.3	4.9



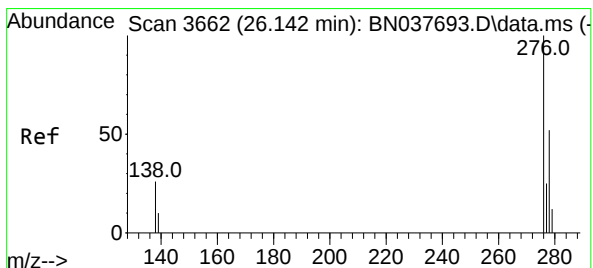
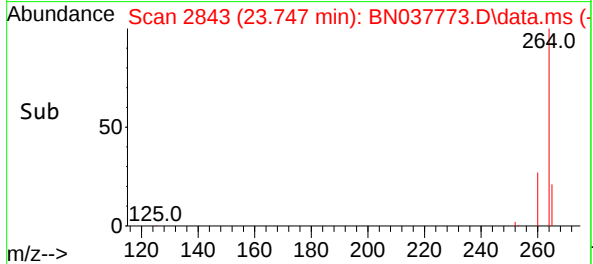
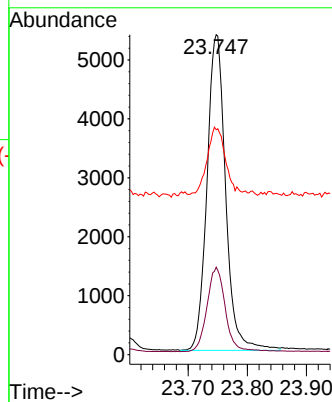


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250911MSD

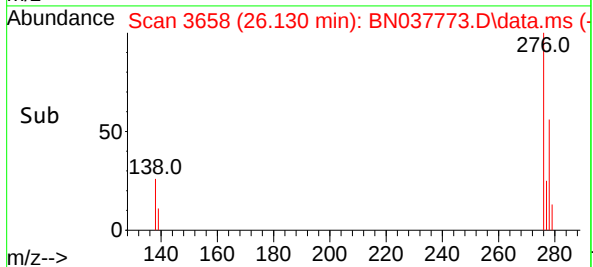
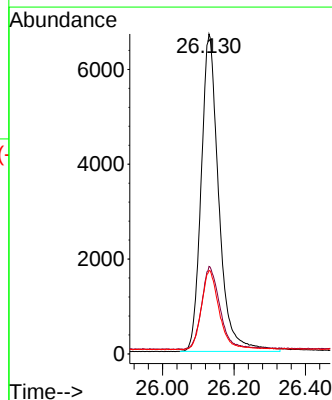
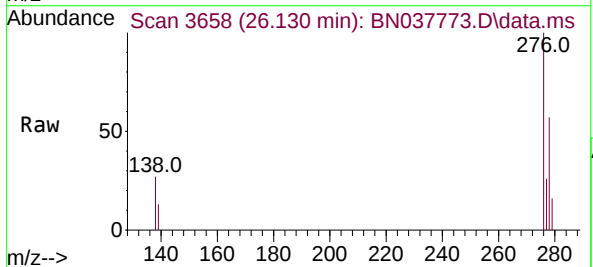


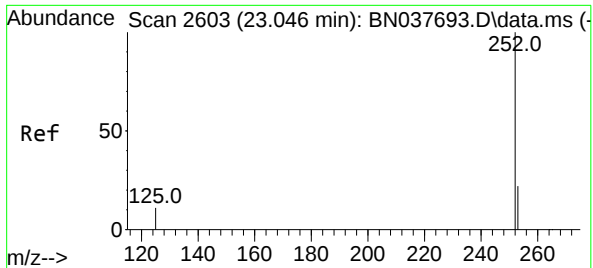
Tgt Ion:264 Resp: 11726
Ion Ratio Lower Upper
264 100
260 27.3 21.8 32.8
265 70.3 39.4 59.2#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng
RT: 26.130 min Scan# 3658
Delta R.T. -0.012 min
Lab File: BN037773.D
Acq: 18 Sep 2025 12:25

Tgt Ion:276 Resp: 22920
Ion Ratio Lower Upper
276 100
138 26.8 21.9 32.9
277 25.2 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.420 ng

RT: 23.040 min Scan# 2603

Delta R.T. -0.006 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MSD

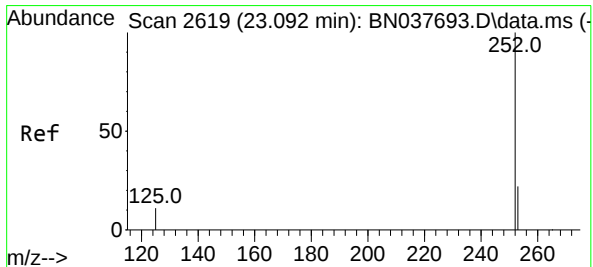
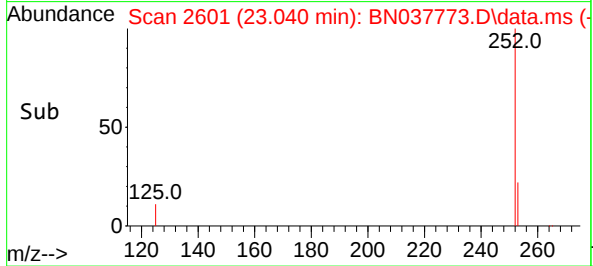
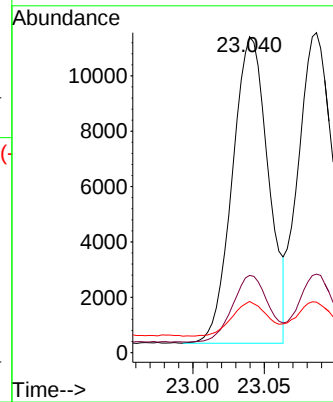
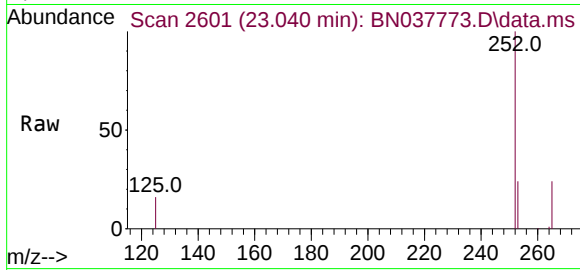
Tgt Ion:252 Resp: 19407

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.2

125 16.2 11.2 16.8



#38

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 23.086 min Scan# 2617

Delta R.T. -0.006 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

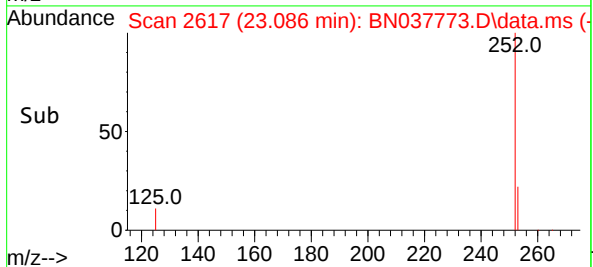
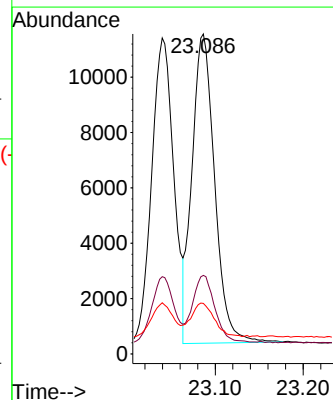
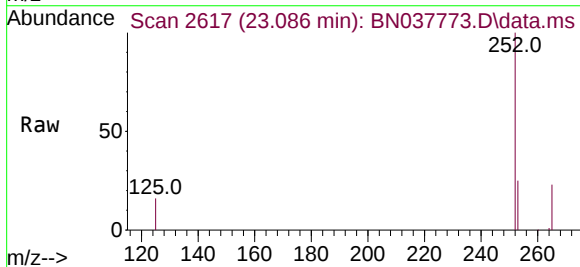
Tgt Ion:252 Resp: 19956

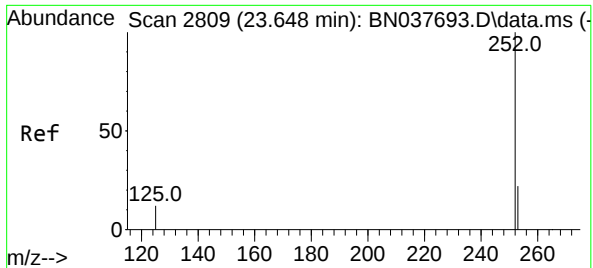
Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.0

125 15.8 11.6 17.4





#39

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.642 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

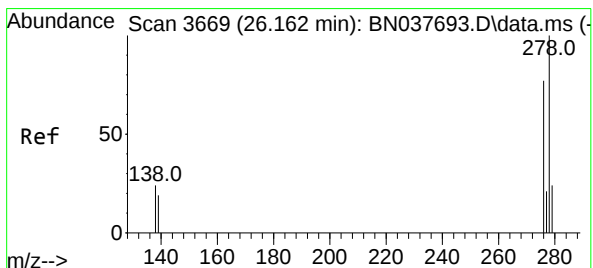
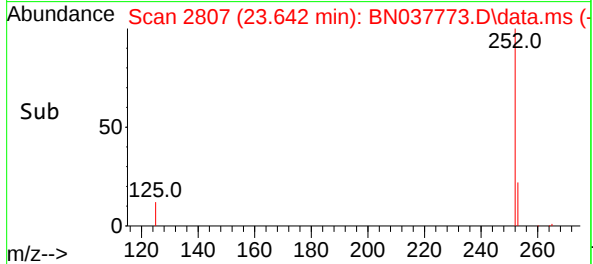
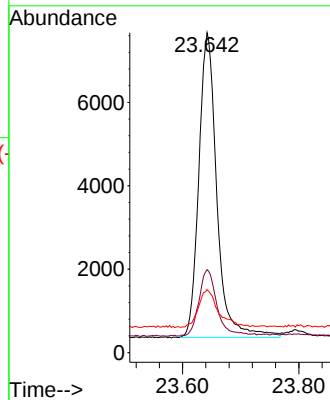
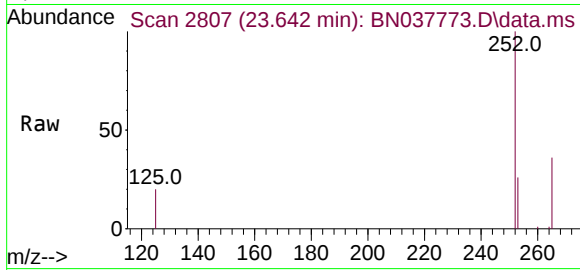
Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MSD

Tgt Ion:	252	Resp:	15734
Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.8	31.2
125	19.7	13.9	20.9



#40

Dibenzo(a,h)anthracene

Concen: 0.455 ng

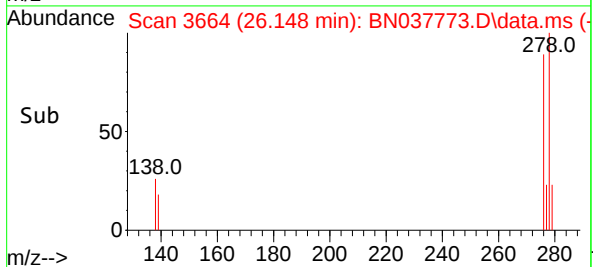
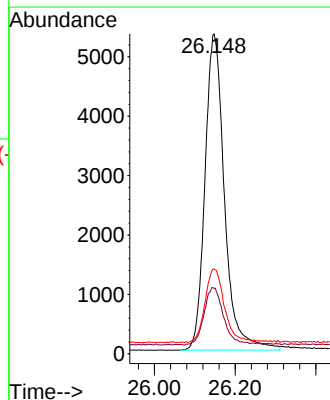
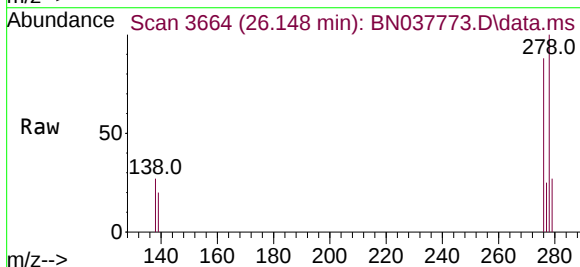
RT: 26.148 min Scan# 3664

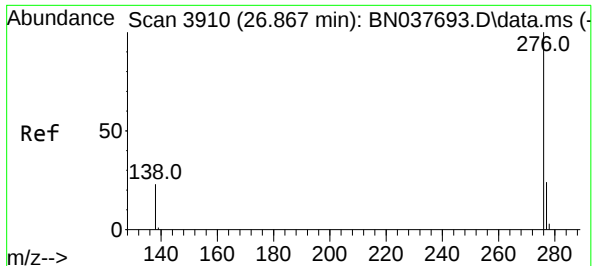
Delta R.T. -0.015 min

Lab File: BN037773.D

Acq: 18 Sep 2025 12:25

Tgt Ion:	278	Resp:	17896
Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.8	26.6
279	26.5	22.0	33.0





#41

Benzo(g,h,i)perylene

Concen: 0.433 ng

RT: 26.855 min Scan# 39

Delta R.T. -0.012 min

Lab File: BN037773.D

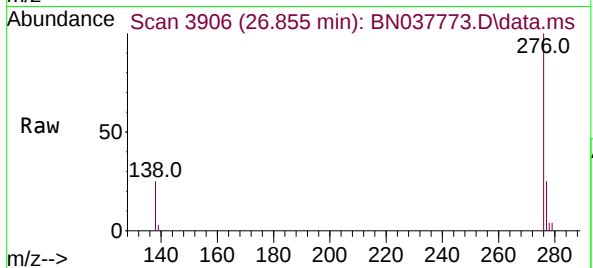
Acq: 18 Sep 2025 12:25

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250911MSD



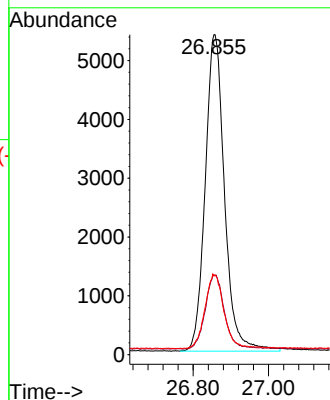
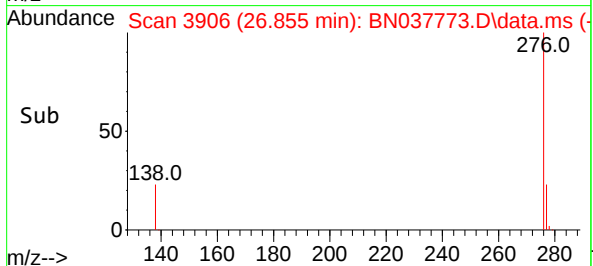
Tgt Ion:276 Resp: 19134

Ion Ratio Lower Upper

276 100

277 24.9 20.6 31.0

138 24.5 20.2 30.2



Manual Integration Report

Sequence:

BN091125

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.2	BN037692.D	Benzo(k)fluoranthene	Rahul	9/12/2025 8:44:30 AM	Jagrut	9/12/2025 11:51:26 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	BN091725	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BN091825	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169693BS	BN037792.D	Benzo(k)fluoranthene	Rahul	9/19/2025 8:46:42 AM	mohammad	9/23/2025 2:07:38 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BN091925	Instrument	BNA_n
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091125

Review By	Rahul	Review On	9/12/2025 10:21:18 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:52:20 AM
SubDirectory	BN091125	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	BN037689.D	11 Sep 2025 07:54	RC/JU	Ok
2	SSTDCCC0.4	BN037690.D	11 Sep 2025 09:20	RC/JU	Ok
3	SSTDICC0.1	BN037691.D	11 Sep 2025 09:56	RC/JU	Ok
4	SSTDICC0.2	BN037692.D	11 Sep 2025 10:32	RC/JU	Ok,M
5	SSTDICCC0.4	BN037693.D	11 Sep 2025 11:08	RC/JU	Ok
6	SSTDICC0.8	BN037694.D	11 Sep 2025 11:44	RC/JU	Ok
7	SSTDICC1.6	BN037695.D	11 Sep 2025 12:20	RC/JU	Ok
8	SSTDICC3.2	BN037696.D	11 Sep 2025 12:56	RC/JU	Ok
9	SSTDICC5.0	BN037697.D	11 Sep 2025 13:33	RC/JU	Ok
10	SSTDICV0.4	BN037698.D	11 Sep 2025 14:09	RC/JU	Ok
11	PB169529BL	BN037699.D	11 Sep 2025 14:45	RC/JU	Ok
12	Q2893-03	BN037700.D	11 Sep 2025 15:21	RC/JU	Ok
13	Q2893-03	BN037701.D	11 Sep 2025 15:58	RC/JU	Ok
14	Q2893-09	BN037702.D	11 Sep 2025 16:34	RC/JU	Ok
15	Q2893-09	BN037703.D	11 Sep 2025 17:10	RC/JU	Ok
16	PB169527BL	BN037704.D	11 Sep 2025 17:47	RC/JU	Ok
17	SSTDCCC0.4	BN037705.D	11 Sep 2025 18:23	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	BN037739.D	17 Sep 2025 10:46	RC/JU	Ok
2	SSTDCCC0.4	BN037740.D	17 Sep 2025 11:25	RC/JU	Ok
3	PB169692BL	BN037741.D	17 Sep 2025 12:02	RC/JU	Ok
4	Q3095-05	BN037742.D	17 Sep 2025 12:38	RC/JU	Ok
5	Q3095-06MS	BN037743.D	17 Sep 2025 13:14	RC/JU	Ok
6	Q3095-07MSD	BN037744.D	17 Sep 2025 13:59	RC/JU	Ok
7	Q3086-01	BN037745.D	17 Sep 2025 14:35	RC/JU	Ok
8	Q3086-02	BN037746.D	17 Sep 2025 15:11	RC/JU	Ok
9	Q3095-01	BN037747.D	17 Sep 2025 15:47	RC/JU	Ok
10	Q3095-02	BN037748.D	17 Sep 2025 16:24	RC/JU	Ok
11	Q3095-03	BN037749.D	17 Sep 2025 17:00	RC/JU	Dilution
12	Q3095-04	BN037750.D	17 Sep 2025 17:36	RC/JU	Ok
13	Q3095-08	BN037751.D	17 Sep 2025 18:13	RC/JU	Ok
14	Q3095-09	BN037752.D	17 Sep 2025 18:49	RC/JU	Ok
15	Q3095-10	BN037753.D	17 Sep 2025 19:25	RC/JU	Ok
16	Q3095-11	BN037754.D	17 Sep 2025 20:01	RC/JU	Ok
17	Q3095-13	BN037755.D	17 Sep 2025 20:37	RC/JU	Ok
18	SP6870	BN037756.D	17 Sep 2025 21:13	RC/JU	Ok
19	SSTDCCC0.4	BN037757.D	17 Sep 2025 21:50	RC/JU	Ok
20	DFTPP	BN037758.D	18 Sep 2025 02:06	RC/JU	Ok
21	SSTDCCC0.4	BN037759.D	18 Sep 2025 02:46	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	PB169692BL	BN037760.D	18 Sep 2025 03:22	RC/JU	Ok
23	Q3095-12	BN037761.D	18 Sep 2025 03:58	RC/JU	Ok
24	Q3095-14	BN037762.D	18 Sep 2025 04:34	RC/JU	Ok
25	Q3095-15	BN037763.D	18 Sep 2025 05:10	RC/JU	Ok
26	Q3095-16	BN037764.D	18 Sep 2025 05:46	RC/JU	Ok
27	Q3095-17	BN037765.D	18 Sep 2025 06:23	RC/JU	Ok
28	Q3095-18	BN037766.D	18 Sep 2025 06:59	RC/JU	Ok
29	Q3095-19	BN037767.D	18 Sep 2025 07:35	RC/JU	Ok
30	Q3095-20	BN037768.D	18 Sep 2025 08:11	RC/JU	Ok
31	Q3097-07	BN037769.D	18 Sep 2025 08:47	RC/JU	Ok
32	Q3097-08	BN037770.D	18 Sep 2025 09:23	RC/JU	Dilution
33	Q3097-01	BN037771.D	18 Sep 2025 10:00	RC/JU	Ok
34	Q3097-02MS	BN037772.D	18 Sep 2025 11:48	RC/JU	Ok
35	Q3097-03MSD	BN037773.D	18 Sep 2025 12:25	RC/JU	Ok
36	SSTDCCC0.4	BN037774.D	18 Sep 2025 13:16	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	BN037775.D	18 Sep 2025 13:53	RC/JU	Ok
2	SSTDCCC0.4	BN037776.D	18 Sep 2025 14:32	RC/JU	Ok
3	PB169693BL	BN037777.D	18 Sep 2025 15:10	RC/JU	Ok
4	Q3097-09	BN037778.D	18 Sep 2025 15:47	RC/JU	Ok
5	Q3097-04	BN037779.D	18 Sep 2025 16:23	RC/JU	Ok
6	Q3097-05	BN037780.D	18 Sep 2025 17:00	RC/JU	Ok
7	Q3097-06	BN037781.D	18 Sep 2025 17:36	RC/JU	Ok
8	Q3083-03	BN037782.D	18 Sep 2025 18:12	RC/JU	Dilution
9	Q3095-21	BN037783.D	18 Sep 2025 18:49	RC/JU	Ok
10	Q3095-22	BN037784.D	18 Sep 2025 19:25	RC/JU	Ok
11	Q3095-23	BN037785.D	18 Sep 2025 20:02	RC/JU	Ok
12	Q3095-24	BN037786.D	18 Sep 2025 20:38	RC/JU	Ok
13	Q3095-25	BN037787.D	18 Sep 2025 21:14	RC/JU	Ok
14	Q3095-26	BN037788.D	18 Sep 2025 21:51	RC/JU	Ok
15	Q3095-03DL	BN037789.D	18 Sep 2025 22:27	RC/JU	Ok
16	Q3097-08DL	BN037790.D	18 Sep 2025 23:03	RC/JU	Ok
17	PB169692BS	BN037791.D	18 Sep 2025 23:40	RC/JU	Ok
18	PB169693BS	BN037792.D	19 Sep 2025 00:16	RC/JU	Ok,M
19	SSTDCCC0.4	BN037793.D	19 Sep 2025 00:52	RC/JU	Ok
20	DFTPP	BN037794.D	19 Sep 2025 02:08	RC/JU	Ok
21	SSTDCCC0.4	BN037795.D	19 Sep 2025 02:47	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	PB169692BL	BN037796.D	19 Sep 2025 03:24	RC/JU	Ok
23	Q3095-29	BN037797.D	19 Sep 2025 04:00	RC/JU	Ok
24	Q3095-30	BN037798.D	19 Sep 2025 04:37	RC/JU	Ok
25	Q3095-31	BN037799.D	19 Sep 2025 05:13	RC/JU	Ok
26	Q3095-32	BN037800.D	19 Sep 2025 05:49	RC/JU	Ok
27	Q3097-10	BN037801.D	19 Sep 2025 06:25	RC/JU	Ok
28	Q3097-11	BN037802.D	19 Sep 2025 07:01	RC/JU	Ok
29	Q3097-12	BN037803.D	19 Sep 2025 07:37	RC/JU	Ok
30	Q3097-13	BN037804.D	19 Sep 2025 08:13	RC/JU	Dilution
31	Q3097-14	BN037805.D	19 Sep 2025 08:49	RC/JU	Ok
32	Q3097-15	BN037806.D	19 Sep 2025 09:25	RC/JU	Ok
33	Q3097-19	BN037807.D	19 Sep 2025 10:02	RC/JU	Dilution
34	Q3127-13	BN037808.D	19 Sep 2025 10:38	RC/JU	Ok
35	Q3127-14MS	BN037809.D	19 Sep 2025 11:50	RC/JU	Ok,M
36	Q3127-15MSD	BN037810.D	19 Sep 2025 12:27	RC/JU	Ok,M
37	SSTDCCC0.4	BN037811.D	19 Sep 2025 13:03	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	BN037812.D	19 Sep 2025 13:39	RC/JU	Ok
2	SSTDCCC0.4	BN037813.D	19 Sep 2025 14:19	RC/JU	Ok
3	PB169743BL	BN037814.D	19 Sep 2025 14:55	RC/JU	Ok
4	Q3095-27	BN037815.D	19 Sep 2025 15:32	RC/JU	Ok
5	Q3083-03DL	BN037816.D	19 Sep 2025 16:08	RC/JU	Ok
6	Q3097-13DL	BN037817.D	19 Sep 2025 16:45	RC/JU	Ok
7	Q3097-19DL	BN037818.D	19 Sep 2025 17:21	RC/JU	Ok
8	Q3097-21	BN037819.D	19 Sep 2025 17:58	RC/JU	Ok
9	Q3097-22	BN037820.D	19 Sep 2025 18:34	RC/JU	Ok
10	Q3097-23	BN037821.D	19 Sep 2025 19:11	RC/JU	Ok
11	Q3097-24	BN037822.D	19 Sep 2025 19:47	RC/JU	Dilution
12	Q3097-25	BN037823.D	19 Sep 2025 20:24	RC/JU	Dilution
13	Q3097-26	BN037824.D	19 Sep 2025 21:00	RC/JU	Ok
14	Q3127-01	BN037825.D	19 Sep 2025 21:37	RC/JU	Ok
15	Q3127-02	BN037826.D	19 Sep 2025 22:13	RC/JU	Dilution
16	Q3127-03	BN037827.D	19 Sep 2025 22:50	RC/JU	Dilution
17	Q3127-04	BN037828.D	19 Sep 2025 23:26	RC/JU	Dilution
18	PB169743BS	BN037829.D	20 Sep 2025 00:03	RC/JU	Ok
19	SSTDCCC0.4	BN037830.D	20 Sep 2025 00:39	RC/JU	Ok
20	DFTPP	BN037831.D	20 Sep 2025 01:16	RC/JU	Ok
21	SSTDCCC0.4	BN037832.D	20 Sep 2025 02:35	RC/JU	Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn091125
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	PB169743BL	BN037833.D	20 Sep 2025 03:12	RC/JU	Ok
23	Q3127-05	BN037834.D	20 Sep 2025 03:48	RC/JU	Ok
24	Q3127-06	BN037835.D	20 Sep 2025 04:25	RC/JU	Ok
25	Q3127-07	BN037836.D	20 Sep 2025 05:01	RC/JU	Ok
26	Q3127-08	BN037837.D	20 Sep 2025 05:37	RC/JU	Dilution
27	Q3127-09	BN037838.D	20 Sep 2025 06:13	RC/JU	Ok
28	Q3127-10	BN037839.D	20 Sep 2025 06:50	RC/JU	Ok
29	Q3127-11	BN037840.D	20 Sep 2025 07:26	RC/JU	Ok
30	Q3127-12	BN037841.D	20 Sep 2025 08:02	RC/JU	Ok
31	Q3127-16	BN037842.D	20 Sep 2025 08:38	RC/JU	Dilution
32	Q3095-28	BN037843.D	20 Sep 2025 09:14	RC/JU	Ok
33	Q3097-20	BN037844.D	20 Sep 2025 09:51	RC/JU	Dilution
34	Q3127-18	BN037845.D	20 Sep 2025 10:27	RC/JU	Ok
35	Q3127-19	BN037846.D	20 Sep 2025 11:03	RC/JU	Ok
36	SSTDCCC0.4	BN037847.D	20 Sep 2025 11:39	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091125

Review By	Rahul	Review On	9/12/2025 10:21:18 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:52:20 AM
SubDirectory	BN091125	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125

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	BN037689.D	11 Sep 2025 07:54		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037690.D	11 Sep 2025 09:20	A Fresh Calibration is required.	RC/JU	Ok
3	SSTDICC0.1	SSTDICC0.1	BN037691.D	11 Sep 2025 09:56		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037692.D	11 Sep 2025 10:32		RC/JU	Ok,M
5	SSTDICCC0.4	SSTDICCC0.4	BN037693.D	11 Sep 2025 11:08		RC/JU	Ok
6	SSTDICC0.8	SSTDICC0.8	BN037694.D	11 Sep 2025 11:44		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037695.D	11 Sep 2025 12:20		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037696.D	11 Sep 2025 12:56		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037697.D	11 Sep 2025 13:33	Compound#14,20 removed from 5 ppm	RC/JU	Ok
10	SSTDICV0.4	ICVBN091125	BN037698.D	11 Sep 2025 14:09		RC/JU	Ok
11	PB169529BL	PB169529BL	BN037699.D	11 Sep 2025 14:45		RC/JU	Ok
12	Q2893-03	MDL-SOIL-03-QT3-202	BN037700.D	11 Sep 2025 15:21	MDL-SOIL -0.1 ppm	RC/JU	Ok
13	Q2893-03	MDL-SOIL-03-QT3-202	BN037701.D	11 Sep 2025 15:58	MDL-SOIL -0.2 ppm	RC/JU	Ok
14	Q2893-09	MDL-WATER-03-QT3-2	BN037702.D	11 Sep 2025 16:34	MDL-WATER -0.1 ppm	RC/JU	Ok
15	Q2893-09	MDL-WATER-03-QT3-2	BN037703.D	11 Sep 2025 17:10	MDL-WATER -0.2 ppm	RC/JU	Ok
16	PB169527BL	PB169527BL	BN037704.D	11 Sep 2025 17:47		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4EC	BN037705.D	11 Sep 2025 18:23		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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	BN037739.D	17 Sep 2025 10:46		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037740.D	17 Sep 2025 11:25		RC/JU	Ok
3	PB169692BL	PB169692BL	BN037741.D	17 Sep 2025 12:02		RC/JU	Ok
4	Q3095-05	MW203D2-20250909	BN037742.D	17 Sep 2025 12:38		RC/JU	Ok
5	Q3095-06MS	MW203D2-20250909M	BN037743.D	17 Sep 2025 13:14		RC/JU	Ok
6	Q3095-07MSD	MW203D2-20250909M	BN037744.D	17 Sep 2025 13:59		RC/JU	Ok
7	Q3086-01	RW8-SP100-20250911	BN037745.D	17 Sep 2025 14:35		RC/JU	Ok
8	Q3086-02	RW8-SP303-20250911	BN037746.D	17 Sep 2025 15:11		RC/JU	Ok
9	Q3095-01	MW305I-20250908	BN037747.D	17 Sep 2025 15:47		RC/JU	Ok
10	Q3095-02	MW179D-20250908	BN037748.D	17 Sep 2025 16:24		RC/JU	Ok
11	Q3095-03	MW201D-20250908	BN037749.D	17 Sep 2025 17:00	Need 2X Dilution	RC/JU	Dilution
12	Q3095-04	MW179D1-20250908	BN037750.D	17 Sep 2025 17:36		RC/JU	Ok
13	Q3095-08	MW203D1-20250909	BN037751.D	17 Sep 2025 18:13		RC/JU	Ok
14	Q3095-09	MW179D2-20250909	BN037752.D	17 Sep 2025 18:49		RC/JU	Ok
15	Q3095-10	MW201D1-20250909	BN037753.D	17 Sep 2025 19:25		RC/JU	Ok
16	Q3095-11	RE122D1-20250909	BN037754.D	17 Sep 2025 20:01		RC/JU	Ok
17	Q3095-13	MW178I1-20250909	BN037755.D	17 Sep 2025 20:37		RC/JU	Ok
18	SP6870	SP6870	BN037756.D	17 Sep 2025 21:13		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091725

Review By	Rahul	Review On	9/18/2025 2:11:37 PM
Supervise By	Jagrut	Supervise On	9/18/2025 5:21:45 PM
SubDirectory	BN091725	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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			

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037757.D	17 Sep 2025 21:50		RC/JU	Ok
20	DFTPP	DFTPP	BN037758.D	18 Sep 2025 02:06		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037759.D	18 Sep 2025 02:46		RC/JU	Ok
22	PB169692BL	PB169692BL	BN037760.D	18 Sep 2025 03:22		RC/JU	Ok
23	Q3095-12	MW202D-20250909	BN037761.D	18 Sep 2025 03:58		RC/JU	Ok
24	Q3095-14	RE123D1-20250909	BN037762.D	18 Sep 2025 04:34		RC/JU	Ok
25	Q3095-15	RE123D3-20250909	BN037763.D	18 Sep 2025 05:10		RC/JU	Ok
26	Q3095-16	MW305D-20250909	BN037764.D	18 Sep 2025 05:46		RC/JU	Ok
27	Q3095-17	DUP01-20250909	BN037765.D	18 Sep 2025 06:23		RC/JU	Ok
28	Q3095-18	RE126D2-20250909	BN037766.D	18 Sep 2025 06:59		RC/JU	Ok
29	Q3095-19	RE126D3-20250909	BN037767.D	18 Sep 2025 07:35		RC/JU	Ok
30	Q3095-20	MW178S-20250910	BN037768.D	18 Sep 2025 08:11		RC/JU	Ok
31	Q3097-07	RE108D2-20250911	BN037769.D	18 Sep 2025 08:47		RC/JU	Ok
32	Q3097-08	RE125D2-20250911	BN037770.D	18 Sep 2025 09:23	Need 5X Dilution	RC/JU	Dilution
33	Q3097-01	RE103D2-20250911	BN037771.D	18 Sep 2025 10:00		RC/JU	Ok
34	Q3097-02MS	RE103D2-20250911MS	BN037772.D	18 Sep 2025 11:48		RC/JU	Ok
35	Q3097-03MSD	RE103D2-20250911MS	BN037773.D	18 Sep 2025 12:25		RC/JU	Ok
36	SSTDCCC0.4	SSTDCCC0.4EC	BN037774.D	18 Sep 2025 13:16		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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	BN037775.D	18 Sep 2025 13:53		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037776.D	18 Sep 2025 14:32		RC/JU	Ok
3	PB169693BL	PB169693BL	BN037777.D	18 Sep 2025 15:10		RC/JU	Ok
4	Q3097-09	RE108D1-20250911	BN037778.D	18 Sep 2025 15:47		RC/JU	Ok
5	Q3097-04	RE125D1-20250911	BN037779.D	18 Sep 2025 16:23		RC/JU	Ok
6	Q3097-05	RE125D3-20250911	BN037780.D	18 Sep 2025 17:00		RC/JU	Ok
7	Q3097-06	RE103D3-20250911	BN037781.D	18 Sep 2025 17:36		RC/JU	Ok
8	Q3083-03	MW3S	BN037782.D	18 Sep 2025 18:12	Need 2x Dilution	RC/JU	Dilution
9	Q3095-21	RE126D1-20250910	BN037783.D	18 Sep 2025 18:49		RC/JU	Ok
10	Q3095-22	MW202D1-20250910	BN037784.D	18 Sep 2025 19:25		RC/JU	Ok
11	Q3095-23	RE104D2-20250910	BN037785.D	18 Sep 2025 20:02		RC/JU	Ok
12	Q3095-24	MW178I-20250910	BN037786.D	18 Sep 2025 20:38		RC/JU	Ok
13	Q3095-25	DUP02-20250910	BN037787.D	18 Sep 2025 21:14		RC/JU	Ok
14	Q3095-26	DUP03-20250910	BN037788.D	18 Sep 2025 21:51		RC/JU	Ok
15	Q3095-03DL	MW201D-20250908DL	BN037789.D	18 Sep 2025 22:27		RC/JU	Ok
16	Q3097-08DL	RE125D2-20250911DL	BN037790.D	18 Sep 2025 23:03		RC/JU	Ok
17	PB169692BS	PB169692BS	BN037791.D	18 Sep 2025 23:40		RC/JU	Ok
18	PB169693BS	PB169693BS	BN037792.D	19 Sep 2025 00:16		RC/JU	Ok,M

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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			

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037793.D	19 Sep 2025 00:52		RC/JU	Ok
20	DFTPP	DFTPP	BN037794.D	19 Sep 2025 02:08		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037795.D	19 Sep 2025 02:47		RC/JU	Ok
22	PB169692BL	PB169692BL	BN037796.D	19 Sep 2025 03:24		RC/JU	Ok
23	Q3095-29	RE122D2-20250910	BN037797.D	19 Sep 2025 04:00		RC/JU	Ok
24	Q3095-30	RE104D1-20250910	BN037798.D	19 Sep 2025 04:37		RC/JU	Ok
25	Q3095-31	TT180D-20250911	BN037799.D	19 Sep 2025 05:13		RC/JU	Ok
26	Q3095-32	RE122D3-20250911	BN037800.D	19 Sep 2025 05:49		RC/JU	Ok
27	Q3097-10	RE120D3-20250911	BN037801.D	19 Sep 2025 06:25		RC/JU	Ok
28	Q3097-11	RE105D1-20250911	BN037802.D	19 Sep 2025 07:01		RC/JU	Ok
29	Q3097-12	DUP04-20250911	BN037803.D	19 Sep 2025 07:37		RC/JU	Ok
30	Q3097-13	DUP05-20250911	BN037804.D	19 Sep 2025 08:13	Need 2X Dilution	RC/JU	Dilution
31	Q3097-14	RE105D2-20250911	BN037805.D	19 Sep 2025 08:49		RC/JU	Ok
32	Q3097-15	RE117D2-20250911	BN037806.D	19 Sep 2025 09:25		RC/JU	Ok
33	Q3097-19	RE120D1-20250912	BN037807.D	19 Sep 2025 10:02	Need 2X Dilution	RC/JU	Dilution
34	Q3127-13	TT119S1-20250916	BN037808.D	19 Sep 2025 10:38		RC/JU	Ok
35	Q3127-14MS	TT119S1-20250916MS	BN037809.D	19 Sep 2025 11:50		RC/JU	Ok,M
36	Q3127-15MSD	TT119S1-20250916MS	BN037810.D	19 Sep 2025 12:27		RC/JU	Ok,M
37	SSTDCCC0.4	SSTDCCC0.4EC	BN037811.D	19 Sep 2025 13:03		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091825

Review By	Rahul	Review On	9/19/2025 8:50:16 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:07:38 AM
SubDirectory	BN091825	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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			

M : Manual Integration

A
B
C
D
E
F
G
H
I
J
K

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125

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	BN037812.D	19 Sep 2025 13:39		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037813.D	19 Sep 2025 14:19		RC/JU	Ok
3	PB169743BL	PB169743BL	BN037814.D	19 Sep 2025 14:55		RC/JU	Ok
4	Q3095-27	RE117D1-20250910	BN037815.D	19 Sep 2025 15:32		RC/JU	Ok
5	Q3083-03DL	MW3SDL	BN037816.D	19 Sep 2025 16:08		RC/JU	Ok
6	Q3097-13DL	DUP05-20250911DL	BN037817.D	19 Sep 2025 16:45		RC/JU	Ok
7	Q3097-19DL	RE120D1-20250912DL	BN037818.D	19 Sep 2025 17:21		RC/JU	Ok
8	Q3097-21	RE120D2-20250912	BN037819.D	19 Sep 2025 17:58		RC/JU	Ok
9	Q3097-22	RE134D1-20250912	BN037820.D	19 Sep 2025 18:34		RC/JU	Ok
10	Q3097-23	RE134D4-20250912	BN037821.D	19 Sep 2025 19:11		RC/JU	Ok
11	Q3097-24	RE134D2-20250912	BN037822.D	19 Sep 2025 19:47	Need 2X Dilution	RC/JU	Dilution
12	Q3097-25	RE134D3-20250912	BN037823.D	19 Sep 2025 20:24	Need 2X Dilution	RC/JU	Dilution
13	Q3097-26	EB01-20250912	BN037824.D	19 Sep 2025 21:00		RC/JU	Ok
14	Q3127-01	DUP08-20250915	BN037825.D	19 Sep 2025 21:37		RC/JU	Ok
15	Q3127-02	RE131D1-20250915	BN037826.D	19 Sep 2025 22:13	Need 2X Dilution	RC/JU	Dilution
16	Q3127-03	RE131D2-20250915	BN037827.D	19 Sep 2025 22:50	Need 2X Dilution	RC/JU	Dilution
17	Q3127-04	DUP07-20250915	BN037828.D	19 Sep 2025 23:26	Need 2X Dilution	RC/JU	Dilution
18	PB169743BS	PB169743BS	BN037829.D	20 Sep 2025 00:03		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN091925

Review By	Rahul	Review On	9/22/2025 8:49:07 AM
Supervise By	mohammad	Supervise On	9/23/2025 2:08:18 AM
SubDirectory	BN091925	HP Acquire Method	BNA_N, 8270_HP Processing Method bn091125
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			

19	SSTDCCC0.4	SSTDCCC0.4EC	BN037830.D	20 Sep 2025 00:39		RC/JU	Ok
20	DFTPP	DFTPP	BN037831.D	20 Sep 2025 01:16		RC/JU	Ok
21	SSTDCCC0.4	SSTDCCC0.4	BN037832.D	20 Sep 2025 02:35		RC/JU	Ok
22	PB169743BL	PB169743BL	BN037833.D	20 Sep 2025 03:12		RC/JU	Ok
23	Q3127-05	TT15811-20250915	BN037834.D	20 Sep 2025 03:48		RC/JU	Ok
24	Q3127-06	TT180D2-20250915	BN037835.D	20 Sep 2025 04:25		RC/JU	Ok
25	Q3127-07	RE135D2-20250915	BN037836.D	20 Sep 2025 05:01		RC/JU	Ok
26	Q3127-08	RE132D6-20250916	BN037837.D	20 Sep 2025 05:37	Need 2X Dilution	RC/JU	Dilution
27	Q3127-09	TT101D2-20250915	BN037838.D	20 Sep 2025 06:13		RC/JU	Ok
28	Q3127-10	TT101D-20250915	BN037839.D	20 Sep 2025 06:50		RC/JU	Ok
29	Q3127-11	RE135D3-20250915	BN037840.D	20 Sep 2025 07:26		RC/JU	Ok
30	Q3127-12	RE132D7-20250916	BN037841.D	20 Sep 2025 08:02		RC/JU	Ok
31	Q3127-16	TT101D2-20250915	BN037842.D	20 Sep 2025 08:38	Need 2X Dilution	RC/JU	Dilution
32	Q3095-28	RE104D3-20250910	BN037843.D	20 Sep 2025 09:14		RC/JU	Ok
33	Q3097-20	DUP06-20250912	BN037844.D	20 Sep 2025 09:51	Need 2X Dilution	RC/JU	Dilution
34	Q3127-18	BPOW1-8-20250917	BN037845.D	20 Sep 2025 10:27		RC/JU	Ok
35	Q3127-19	BPOW1-7-20250917	BN037846.D	20 Sep 2025 11:03		RC/JU	Ok
36	SSTDCCC0.4	SSTDCCC0.4EC	BN037847.D	20 Sep 2025 11:39		RC/JU	Ok

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	09/15/2025
Matrix :	Water	Extraction Start Time :	12:00
Wegh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Extraction End Date :	09/15/2025
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	N/A	Extraction End Time :	16:30
		Concentration By:	EH
		Supervisor By :	ritesh
Extraction Method:	☒ Separatory Funnel ☐ Continious 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	E3937
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

PH Adjusted TO <2 with 1:1 H2SO4 & >11with 10N NAOH ,1.5ML Vial Lot #2210443.

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
9/15/25	RJ (EXT-100b)	Rctsvoc
16:35	Preparation Group	Analysis Group

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

Concentration Date: 09/15/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169693BL	SBLK693	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1			SEP-1
PB169693BS	SLCS693	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1			2
Q3083-03	MW3S	SVOC-SIM	1000	6	ritesh	Evelyn	1	C		3
Q3095-21	RE126D1-20250910	SVOC-SIMGrou p1	990	6	ritesh	Evelyn	1	C		4
Q3095-22	MW202D1-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		5
Q3095-23	RE104D2-20250910	SVOC-SIMGrou p1	980	6	ritesh	Evelyn	1	C		6
Q3095-24	MW178I-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		7
Q3095-25	DUP02-20250910	SVOC-SIMGrou p1	970	6	ritesh	Evelyn	1	C		8
Q3095-26	DUP0-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		9
Q3095-27	RE117D1-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		10
Q3095-28	RE104D3-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		11
Q3095-29	RE122D2-20250910	SVOC-SIMGrou p1	980	6	ritesh	Evelyn	1	C		12
Q3095-30	RE104D1-20250910	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		13
Q3095-31	TT180D-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		14
Q3095-32	RE122D3-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		15
Q3097-01	RE103D2-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		16
Q3097-02	Q3097-01MS	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		SEP-1
Q3097-03	Q3097-01MSD	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		2
Q3097-04	RE125D1-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		3
Q3097-05	RE125D3-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		4
Q3097-06	RE103D3-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		5
Q3097-07	RE108D2-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		6
Q3097-08	RE125D2-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		7
Q3097-09	RE108D1-20250911	SVOC-SIMGrou p1	1000	6	ritesh	Evelyn	1	C		8

* Extracts relinquished on the same date as received.

RJ
9/15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3095 WorkList ID : 191877 Department : Extraction Date : 09-15-2025 11:28:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3083-03	MW3S	Water	SVOC-SIM	Cool 4 deg C	GENV01	D31	09/11/2025	8270-Modified
Q3095-21	RE126D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-22	MW202D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-23	RE104D2-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-24	MW178I-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-25	DUP02-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-26	DUP0-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-27	RE117D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-28	RE104D3-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-29	RE122D2-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-30	RE104D1-20250910	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/10/2025	8270-Modified
Q3095-31	TT180D-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/11/2025	8270-Modified
Q3095-32	RE122D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D31	09/11/2025	8270-Modified
Q3097-01	RE103D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-02	Q3097-01MS	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-03	Q3097-01MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-04	RE125D1-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-05	RE125D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-06	RE103D3-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-07	RE108D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified
Q3097-08	RE125D2-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified

Date/Time 09/15/25 11:55
 Raw Sample Received by: RS (CFL-044)
 Raw Sample Relinquished by: QSR

Date/Time

09/15/25

12:35

Raw Sample Received by:

QSR

Raw Sample Relinquished by:

RS (CFL-044)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3095 WorkList ID : 191877 Department : Extraction Date : 09-15-2025 11:28:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3097-09	RE108D1-20250911	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D41	09/11/2025	8270-Modified

Date/Time 09/15/25 11:55
Raw Sample Received by: R3 (674-1ae6)
Raw Sample Relinquished by: AP

Date/Time 09/15/25 12:35
Raw Sample Received by: AP
Raw Sample Relinquished by: R3 (674-1ae6)



LAB CHRONICLE

OrderID:	Q3083	OrderDate:	9/11/2025 1:25:37 PM
Client:	G Environmental	Project:	Blanchard
Contact:	Gary Landis	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-03	MW3S	Water	SVOC-SIM	8270-Modified	09/11/25	09/15/25	09/18/25	09/11/25
Q3083-03DL	MW3SDL	Water	SVOC-SIM	8270-Modified	09/11/25	09/15/25	09/19/25	09/11/25