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Hit Summary Sheet SW-846

SDG No.: Q2878
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-18B-57.5-081325							
Q2878-01	MW-18B-57.5-081325	WATER	1,4-Dioxane	1.800	0.07	0.22	ug/L
			Total Svoc :		1.80		
			Total Concentration:		1.80		
Client ID : MW-11A-37.5-081425							
Q2878-05	MW-11A-37.5-081425	WATER	1,4-Dioxane	25.700	E 0.07	0.21	ug/L
			Total Svoc :		25.70		
			Total Concentration:		25.70		
Client ID : MW-11A-37.5-081425DL							
Q2878-05DL	MW-11A-37.5-081425DI	WATER	1,4-Dioxane	31.100	D 1.4	4.2	ug/L
			Total Svoc :		31.10		
			Total Concentration:		31.10		



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/13/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/14/25
Client Sample ID:	MW-18B-57.5-081325	SDG No.:	Q2878
Lab Sample ID:	Q2878-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037614.D	1	08/18/25 08:41	08/19/25 19:07	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	1.80		0.070	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.26		30 (20) - 150 (139)	65%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (54) - 150 (157)	89%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (27) - 130 (154)	72%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	78%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	117%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2180	7.717			
1146-65-2	Naphthalene-d8	5460	10.498			
15067-26-2	Acenaphthene-d10	2860	14.345			
1517-22-2	Phenanthrene-d10	5960	17.086			
1719-03-5	Chrysene-d12	5310	21.268			
1520-96-3	Perylene-d12	4800	23.499			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/14/25
Client Sample ID:	MW-11A-37.5-081425	SDG No.:	Q2878
Lab Sample ID:	Q2878-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037615.D	1	08/18/25 08:41	08/19/25 19:43	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	25.7	E	0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.27		30 (20) - 150 (139)	68%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	96%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	76%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.31		30 (30) - 130 (155)	77%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.41		30 (54) - 130 (175)	103%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2250	7.717			
1146-65-2	Naphthalene-d8	5480	10.498			
15067-26-2	Acenaphthene-d10	2730	14.345			
1517-22-2	Phenanthrene-d10	5760	17.086			
1719-03-5	Chrysene-d12	5360	21.268			
1520-96-3	Perylene-d12	4890	23.499			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/14/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/14/25
Client Sample ID:	MW-11A-37.5-081425DL	SDG No.:	Q2878
Lab Sample ID:	Q2878-05DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	950 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037629.D	20	08/18/25 08:41	08/20/25 10:49	PB169286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	31.1	D	1.40	4.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.28		30 (20) - 150 (139)	70%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (54) - 150 (157)	105%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (30) - 130 (155)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.54	*	30 (54) - 130 (175)	135%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2130	7.71			
1146-65-2	Naphthalene-d8	4980	10.498			
15067-26-2	Acenaphthene-d10	2460	14.345			
1517-22-2	Phenanthrene-d10	5120	17.086			
1719-03-5	Chrysene-d12	4010	21.268			
1520-96-3	Perylene-d12	3550	23.502			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2878

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169286BL	PB169286BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.33	83		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB169286BS	PB169286BS	2-Methylnaphthalene-d10	0.4	0.33	82		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.31	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.35	87		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.36	90		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.35	88		30 (54)	130 (175)
Q2842-04MS	MW-17B-55.5-08122025MS	2-Methylnaphthalene-d10	0.4	0.31	77		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2842-05MSD	MW-17B-55.5-08122025MSD	2-Methylnaphthalene-d10	0.4	0.30	76		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.32	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2878-01	MW-18B-57.5-081325	2-Methylnaphthalene-d10	0.4	0.26	65		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.36	89		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.29	72		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	78		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	117		30 (54)	130 (175)
Q2878-05	MW-11A-37.5-081425	2-Methylnaphthalene-d10	0.4	0.27	68		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	96		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	76		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.31	77		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.41	103		30 (54)	130 (175)
Q2878-05DL	MW-11A-37.5-081425DL	2-Methylnaphthalene-d10	0.4	0.28	70		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.30	75		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.54	135	*	30 (54)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:	Q2878	Analytical Method:	SW8270-Modified
Client:	JACOBS Engineering Group, Inc.	DataFile:	BN037605.D

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

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:

Q2878

Analytical Method:

SW8270-Modified

Client:

JACOBS Engineering Group, Inc.

DataFile:

BN037606.D

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2878

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN037630.D

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169286BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q2878

Lab File ID: BN037619.D

Lab Sample ID: PB169286BL

Instrument ID: BNA_N

Date Extracted: 08/18/2025

Matrix: (soil/water) Water

Date Analyzed: 08/20/2025

Level: (low/med) LOW

Time Analyzed: 04:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169286BS	PB169286BS	BN037630.D	08/20/2025
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025
MW-18B-57.5-081325	Q2878-01	BN037614.D	08/19/2025
MW-11A-37.5-081425	Q2878-05	BN037615.D	08/19/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: JAC005
SDG NO.: Q2878
DFTPP Injection Date: 08/12/2025
DFTPP Injection Time: 15:05

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

1-Value is % mass 69

2-Value is % mass 442

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

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: JAC005
SDG NO.: Q2878
DFTPP Injection Date: 08/19/2025
DFTPP Injection Time: 10:00

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037600.D	08/19/2025	10:39
MW-17B-55.5-08122025MS	Q2842-04MS	BN037605.D	08/19/2025	13:40
MW-17B-55.5-08122025MSD	Q2842-05MSD	BN037606.D	08/19/2025	14:17
MW-18B-57.5-081325	Q2878-01	BN037614.D	08/19/2025	19:07
MW-11A-37.5-081425	Q2878-05	BN037615.D	08/19/2025	19:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: JAC005
SDG NO.: Q2878
DFTPP Injection Date: 08/20/2025
DFTPP Injection Time: 03:35

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037618.D	08/20/2025	04:14
PB169286BL	PB169286BL	BN037619.D	08/20/2025	04:50
MW-11A-37.5-081425DL	Q2878-05DL	BN037629.D	08/20/2025	10:49
PB169286BS	PB169286BS	BN037630.D	08/20/2025	11:25

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2878

Client ID : SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

Instrument ID: BNA_N

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2628	7.717	6457	10.50	3216	14.34
UPPER LIMIT	5256	8.217	12914	10.998	6432	14.844
LOWER LIMIT	1314	7.217	3228.5	9.998	1608	13.844
EPA SAMPLE NO.						
01 MW-18B-57.5-081325	2177	7.72	5462	10.50	2861	14.35
02 MW-11A-37.5-081425	2250	7.72	5479	10.50	2729	14.35
03 MW-17B-55.5-08122025MS	2023	7.72	4765	10.50	2380	14.35
04 MW-17B-55.5-08122025MSD	2022	7.72	4839	10.50	2406	14.34

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.: Q2878

Client ID: SSTDCCC0.4

Date Analyzed: 08/19/2025

Lab File ID: BN037600.D

Time Analyzed: 10:39

Instrument ID: BNA_N

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6293	17.086	5356	21.267	5379	23.504
UPPER LIMIT	12586	17.586	10712	21.767	10758	24.004
LOWER LIMIT	3146.5	16.586	2678	20.767	2689.5	23.004
EPA SAMPLE NO.						
01 MW-18B-57.5-081325	5958	17.09	5314	21.27	4798	23.50
02 MW-11A-37.5-081425	5759	17.09	5360	21.27	4886	23.50
03 MW-17B-55.5-08122025MS	4922	17.09	4507	21.27	3909	23.51
04 MW-17B-55.5-08122025MSD	5009	17.09	4561	21.27	3935	23.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2878

Client ID : SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

Instrument ID: BNA_N

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2622	7.71	6166	10.50	3094	14.35
UPPER LIMIT	5244	8.21	12332	10.998	6188	14.845
LOWER LIMIT	1311	7.21	3083	9.998	1547	13.845
EPA SAMPLE NO.						
01 MW-11A-37.5-081425DL	2132	7.71	4980	10.50	2455	14.35
02 PB169286BL	2323	7.71	5229	10.50	2344	14.35
03 PB169286BS	2389	7.71	5616	10.49	2629	14.35

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2878

Client ID: SSTDCCC0.4

Date Analyzed: 08/20/2025

Lab File ID: BN037618.D

Time Analyzed: 04:14

Instrument ID: BNA_N

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	6113	17.086	5494	21.268	5322	23.499
UPPER LIMIT	12226	17.586	10988	21.768	10644	23.999
LOWER LIMIT	3056.5	16.586	2747	20.768	2661	22.999
EPA SAMPLE NO.						
01 MW-11A-37.5-081425DL	5117	17.09	4012	21.27	3548	23.50
02 PB169286BL	4466	17.09	3733	21.27	3552	23.50
03 PB169286BS	5040	17.09	4175	21.27	3780	23.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BL	SDG No.:	Q2878
Lab Sample ID:	PB169286BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB169286BS	SDG No.:	Q2878
Lab Sample ID:	PB169286BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MS	SDG No.:	Q2878
Lab Sample ID:	Q2842-04MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/12/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	08/12/25
Client Sample ID:	MW-17B-55.5-08122025MSD	SDG No.:	Q2878
Lab Sample ID:	Q2842-05MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



CALIBRATION SUMMARY

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

Calibration Files

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

	Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD

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

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

Method File : 8270-SIM-BN081225.M

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

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
Lab Code: ACE SDG No.: Q2878
Instrument ID: BNA_N Calibration Date/Time: 08/19/2025 10:39
Lab File ID: BN037600.D Init. Calib. Date(s): 08/12/2025 08/12/2025
EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 16:26 20:05
GC Column: ZB-GR ID: 0.25 (mm)

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

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>JAC005</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2878</u>
Instrument ID:	<u>BNA_N</u>	Calibration Date/Time:	<u>08/20/2025 04:14</u>
Lab File ID:	<u>BN037618.D</u>	Init. Calib. Date(s):	<u>08/12/2025 08/12/2025</u>
EPA Sample No.:	<u>SSTDCCC0.4</u>	Init. Calib. Time(s):	<u>16:26 20:05</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	0.544	0.498		-8.5	20.0
Fluoranthene-d10	1.052	0.951		-9.6	20.0
2-Fluorophenol	0.907	0.875		-3.5	20.0
Phenol-d6	1.091	1.045		-4.2	20.0
Nitrobenzene-d5	0.282	0.281		-0.4	20.0
2-Fluorobiphenyl	2.313	2.246		-2.9	20.0
2,4,6-Tribromophenol	0.175	0.175		0.0	20.0
Terphenyl-d14	0.823	0.793		-3.6	20.0
1,4-Dioxane	0.383	0.380		-0.8	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037614.D
 Acq On : 19 Aug 2025 19:07
 Operator : RC/JU
 Sample : Q2878-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 20 01:28:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

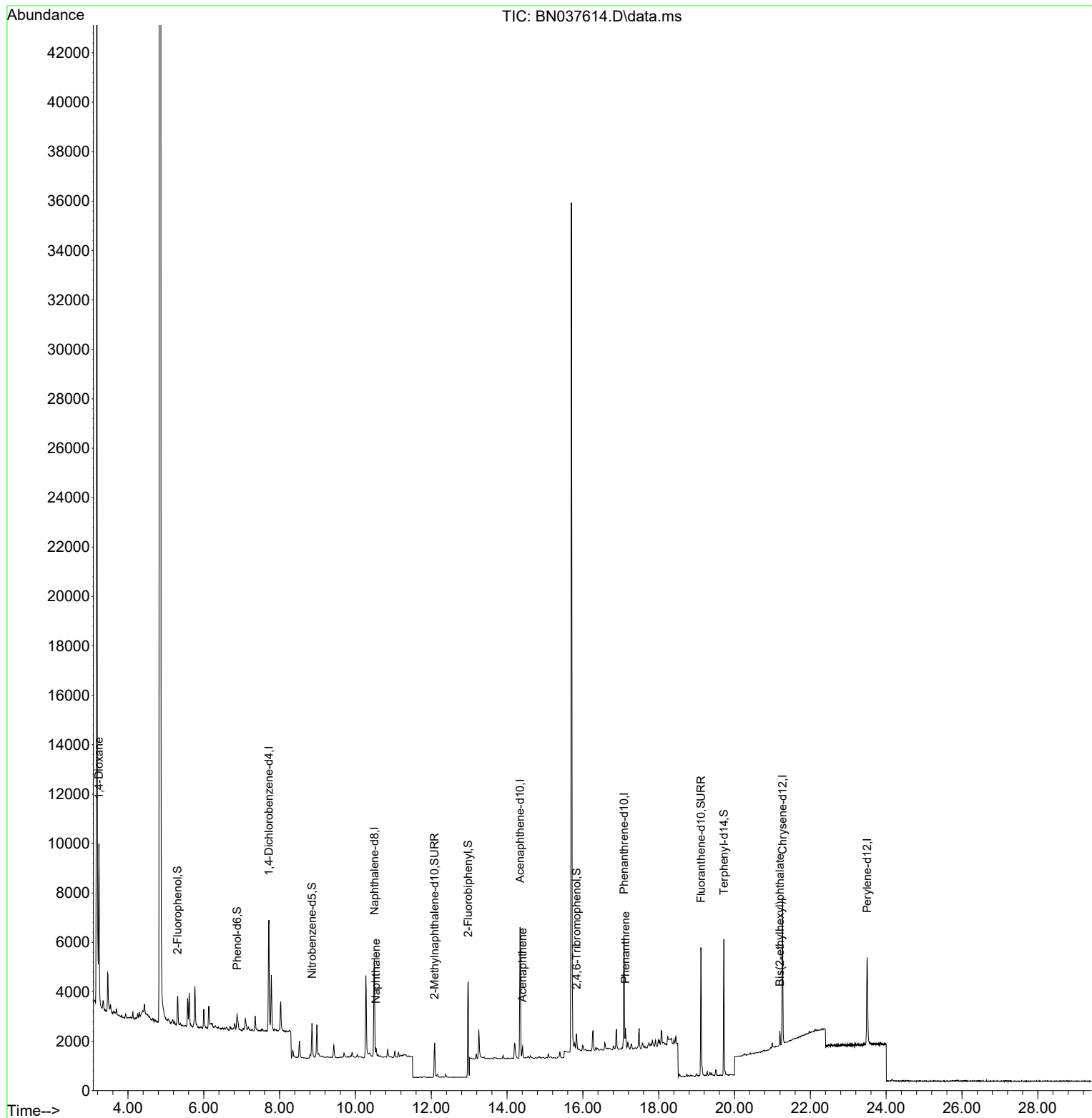
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2177	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5462	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2861	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5958	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5314	0.400	ng	0.00
35) Perylene-d12	23.499	264	4798	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	471	0.095	ng	0.00
5) Phenol-d6	6.879	99	453	0.076	ng	0.00
8) Nitrobenzene-d5	8.854	82	1115	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1931	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	393	0.314	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5162	0.312	ng	0.00
27) Fluoranthene-d10	19.113	212	5575	0.356	ng	0.00
31) Terphenyl-d14	19.717	244	5126	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	3441	1.652	ng	# 87
9) Naphthalene	10.541	128	416	0.029	ng	# 64
17) Acenaphthene	14.409	154	212	0.024	ng	97
25) Phenanthrene	17.124	178	824	0.045	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	557	0.076	ng	# 96

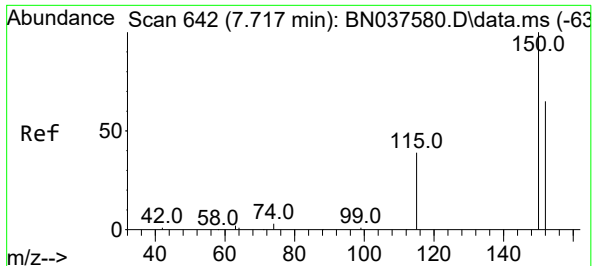
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037614.D
Acq On : 19 Aug 2025 19:07
Operator : RC/JU
Sample : Q2878-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

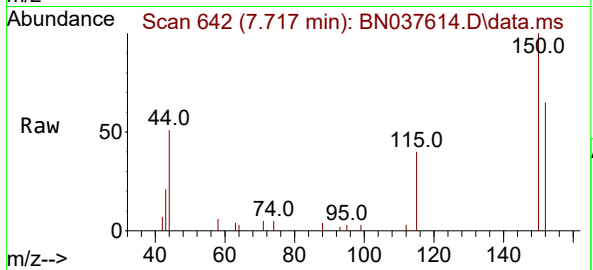
Quant Time: Aug 20 01:28:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



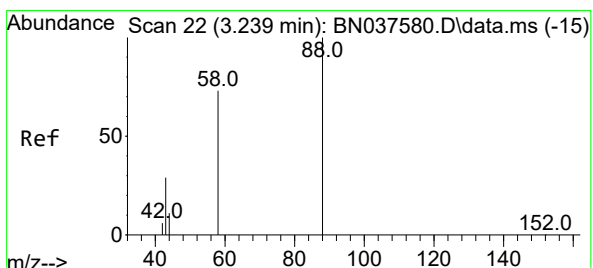
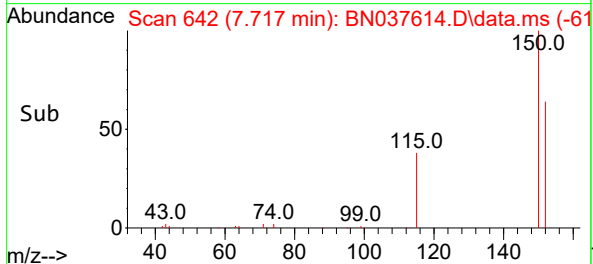
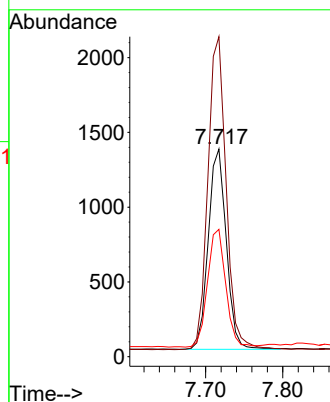


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

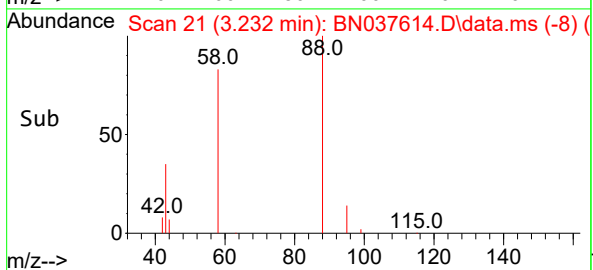
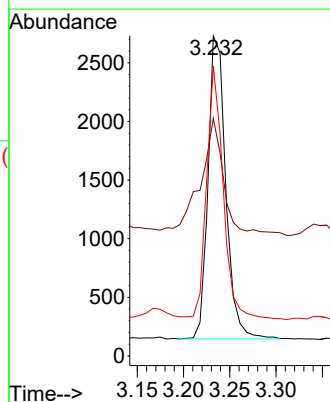
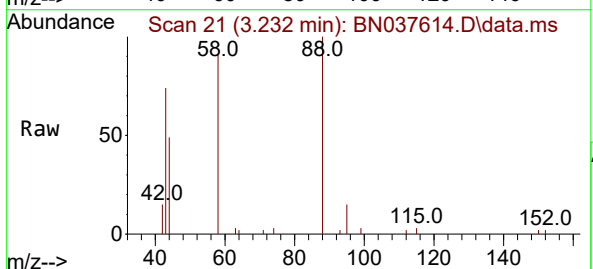


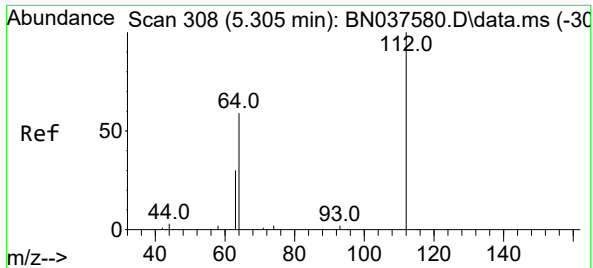
Tgt Ion: 152 Resp: 2177
Ion Ratio Lower Upper
152 100
150 154.1 122.2 183.4
115 61.3 49.8 74.6



#2
1,4-Dioxane
Concen: 1.652 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion: 88 Resp: 3441
Ion Ratio Lower Upper
88 100
43 52.5 25.8 38.6#
58 78.8 61.2 91.8

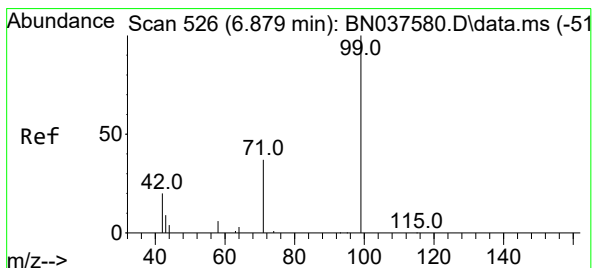
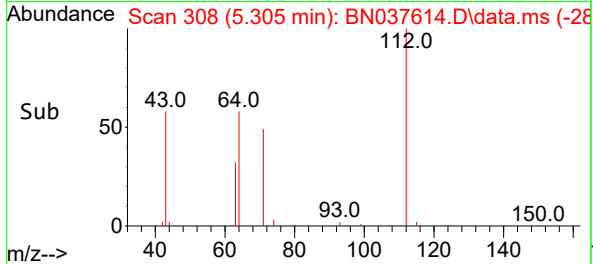
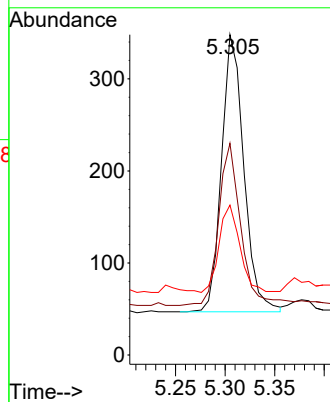
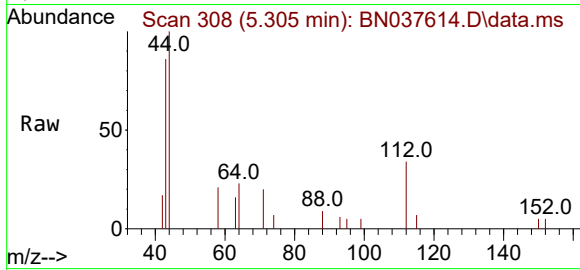




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

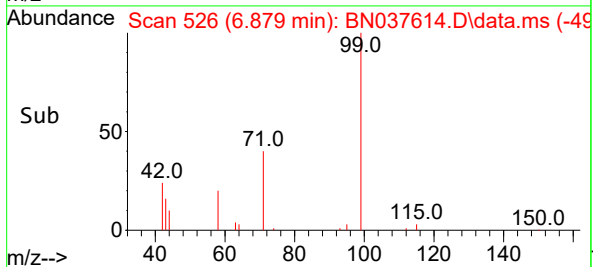
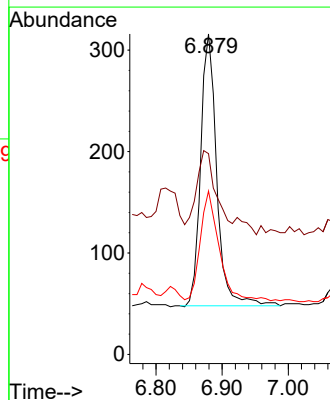
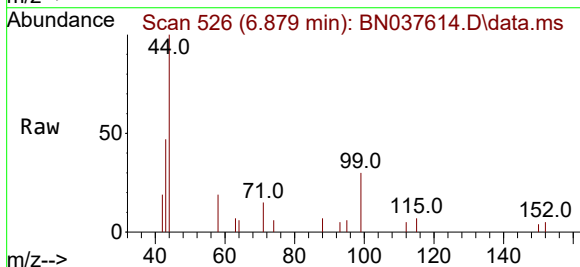
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

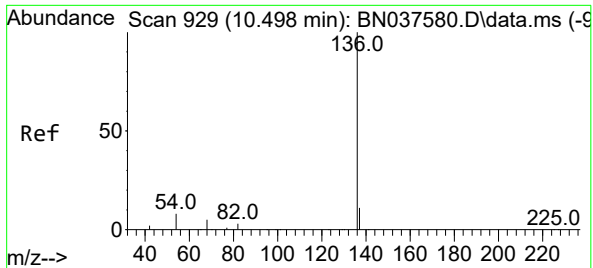
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.9	67.3
63	31.6	23.4	35.2



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion	Ratio	Lower	Upper
99	100		
42	29.4	18.5	27.7#
71	46.8	28.6	42.8#

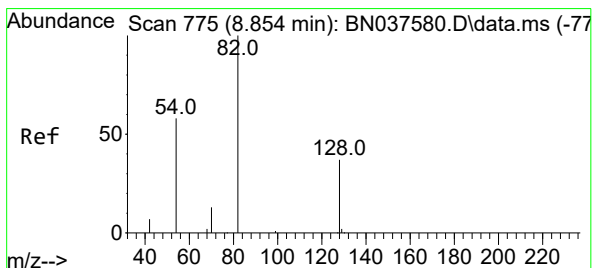
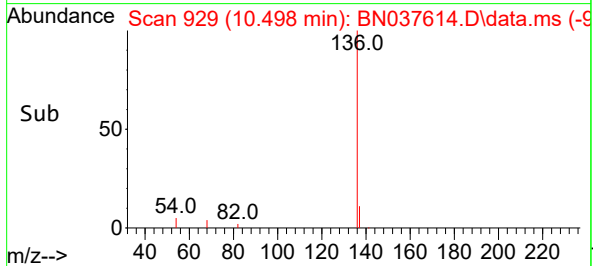
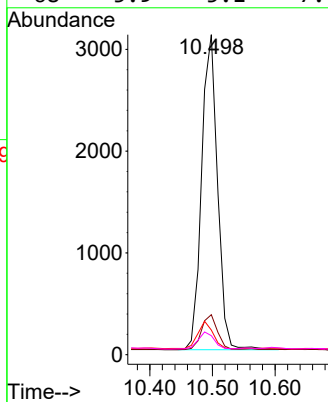
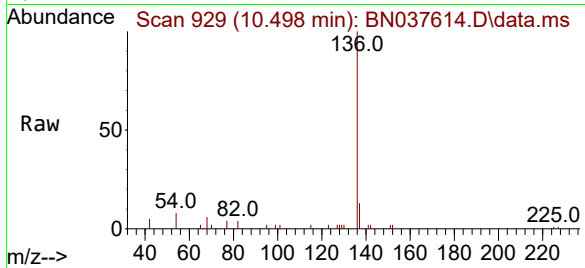




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

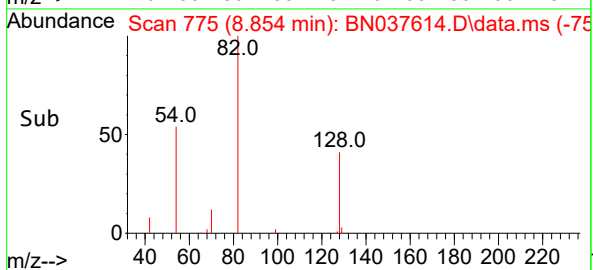
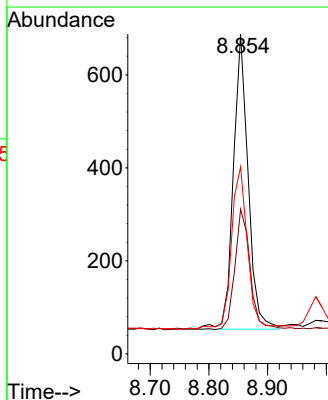
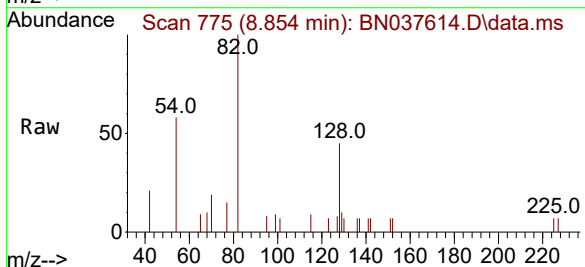
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

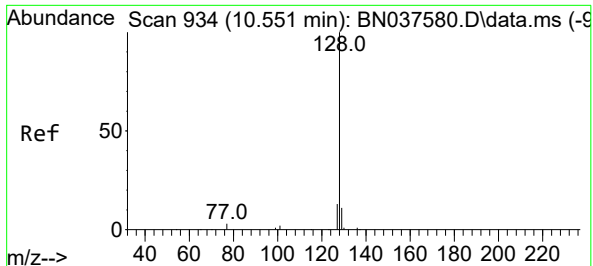
Tgt Ion:	136	Resp:	5462
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	7.7	7.3	10.9
68	5.9	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:	82	Resp:	1115
Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	48.8
54	58.4	48.9	73.3

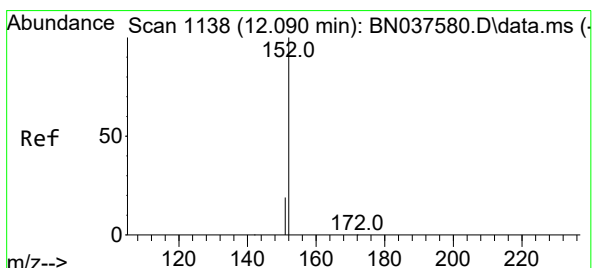
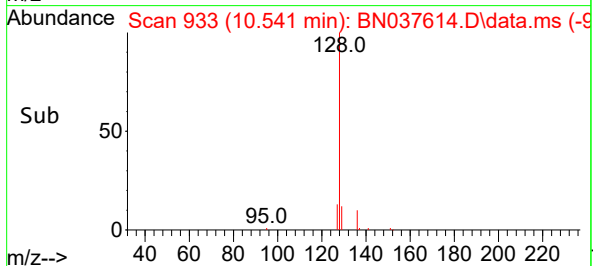
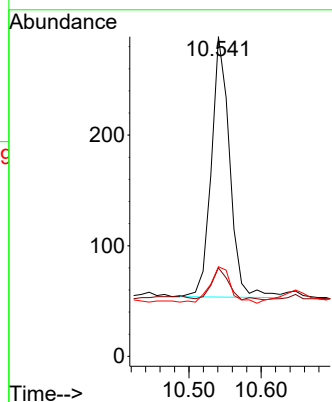
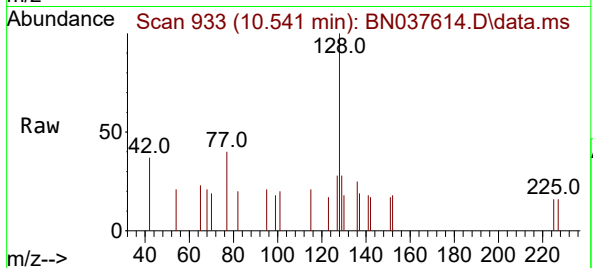




#9
Naphthalene
Concen: 0.029 ng
RT: 10.541 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

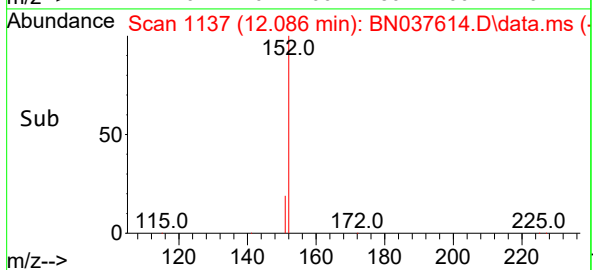
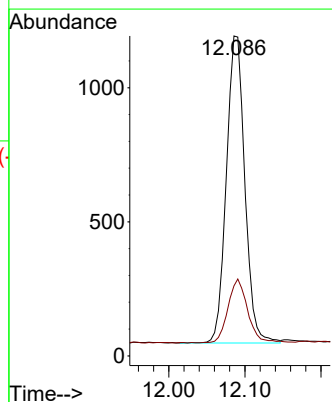
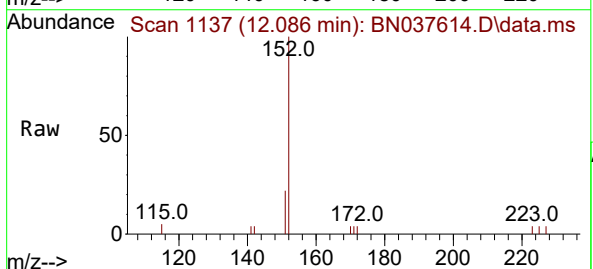
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

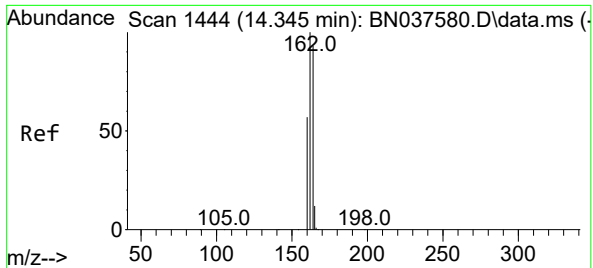
Tgt Ion:128 Resp: 416
Ion Ratio Lower Upper
128 100
129 27.7 9.8 14.6#
127 28.0 11.5 17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:152 Resp: 1931
Ion Ratio Lower Upper
152 100
151 22.6 17.3 25.9

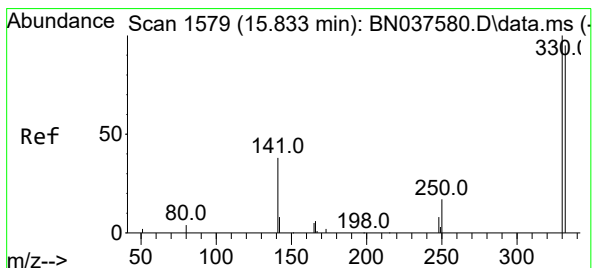
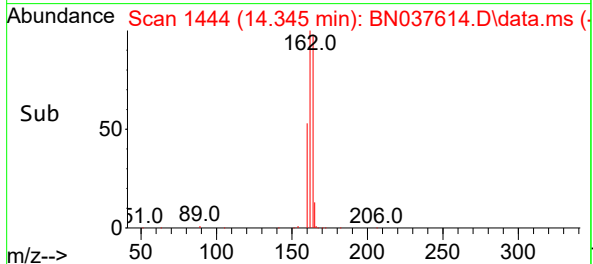
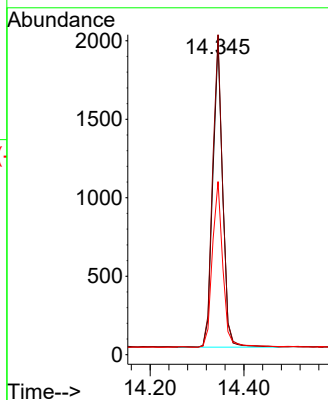
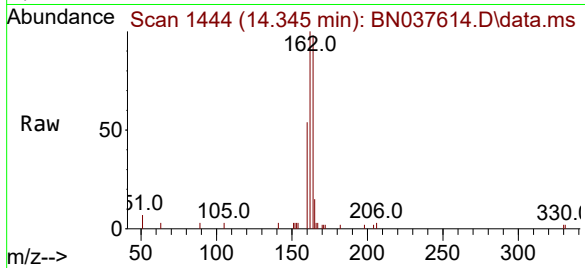




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

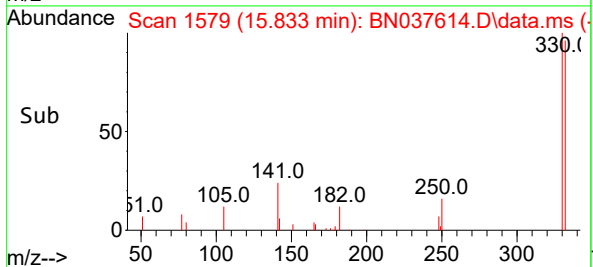
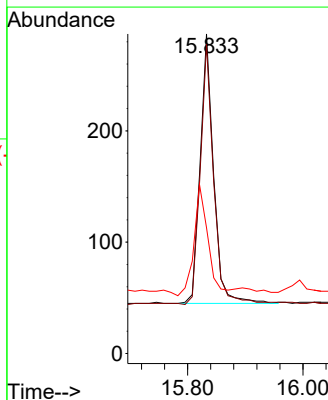
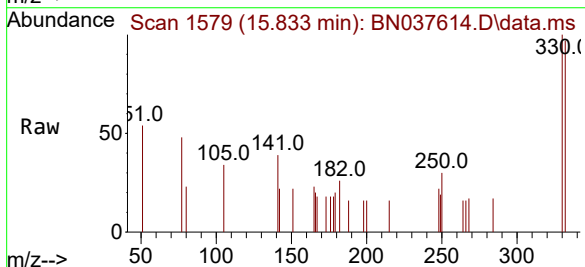
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

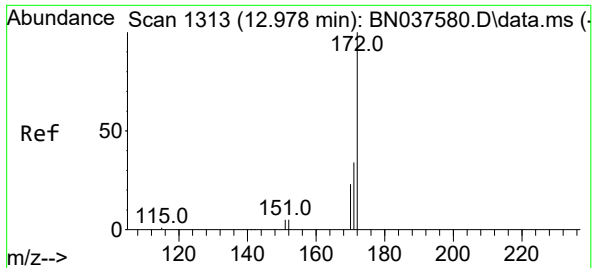
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.5	128.3
160	55.2	49.5	74.3



#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	42.7	30.9	46.3

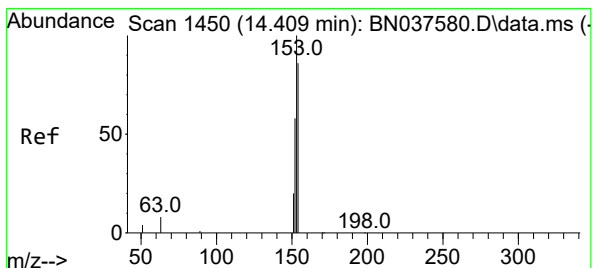
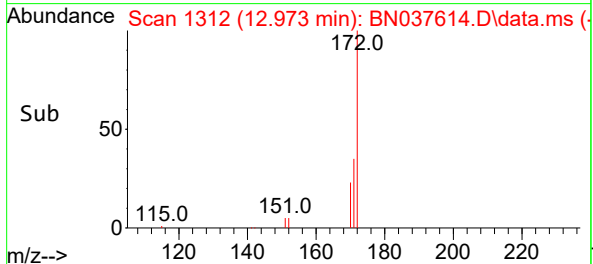
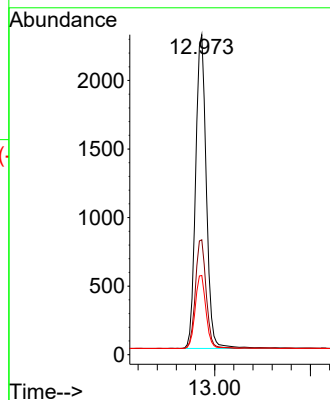
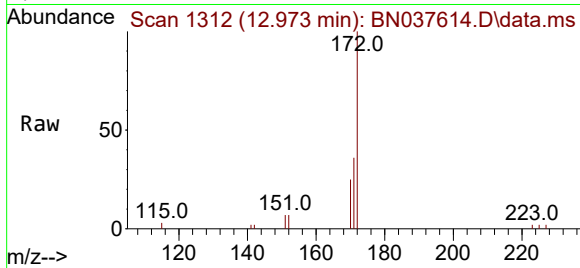




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

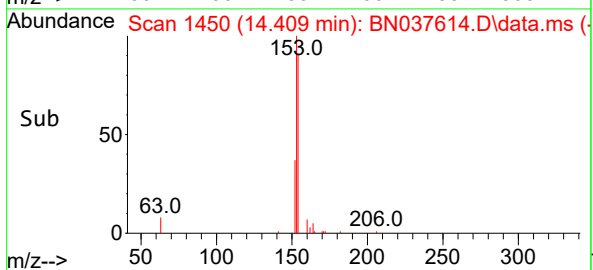
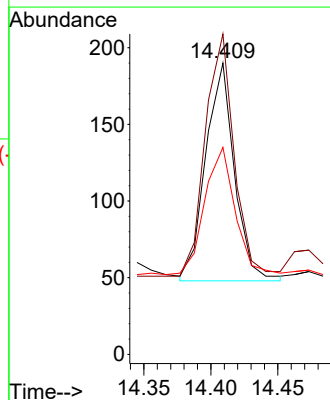
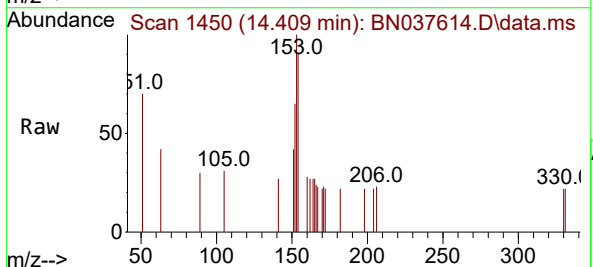
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

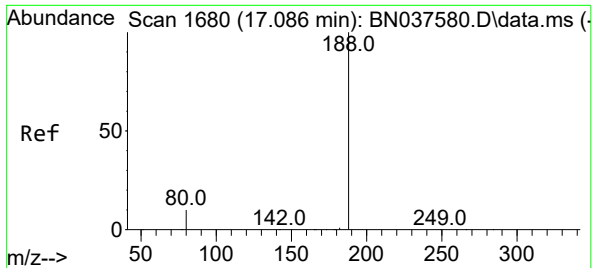
Tgt Ion:	172	Resp:	5162
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.8	19.2	28.8



#17
Acenaphthene
Concen: 0.024 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:	154	Resp:	212
Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	135.8
152	61.8	54.9	82.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037614.D

Acq: 19 Aug 2025 19:07

Instrument :

BNA_N

ClientSampleId :

MW-18B-57.5-081325

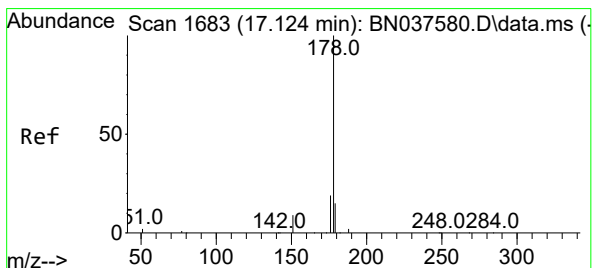
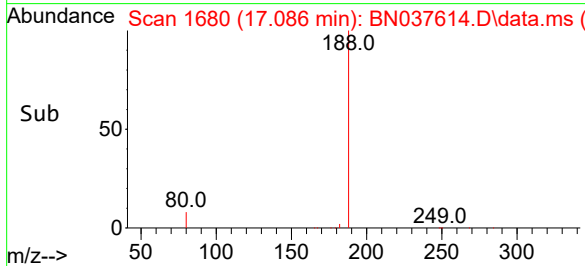
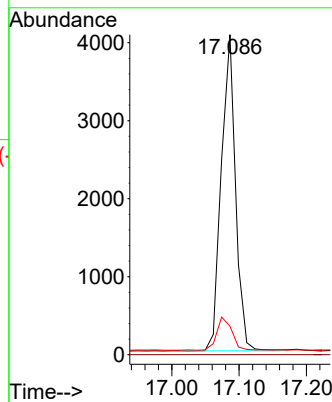
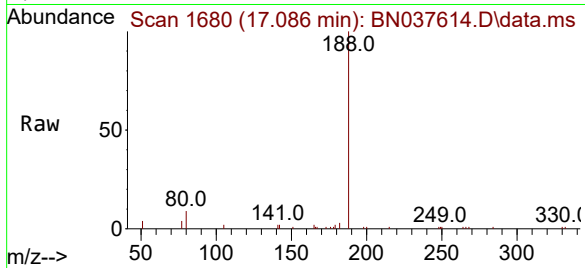
Tgt Ion:188 Resp: 5958

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 9.1 13.7#



#25

Phenanthrene

Concen: 0.045 ng

RT: 17.124 min Scan# 1683

Delta R.T. 0.000 min

Lab File: BN037614.D

Acq: 19 Aug 2025 19:07

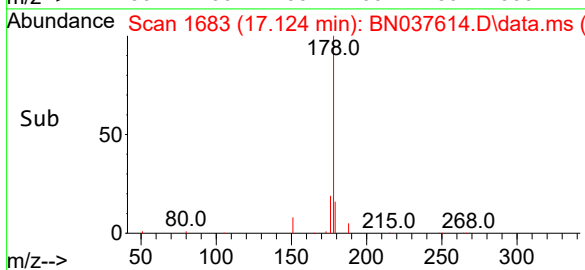
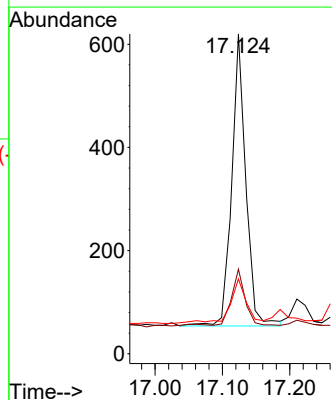
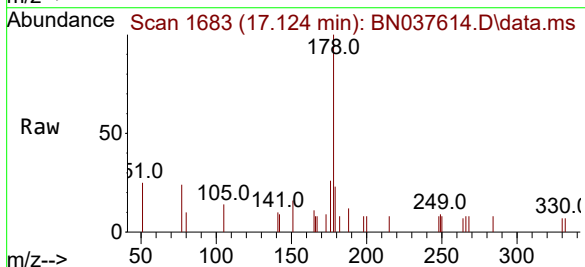
Tgt Ion:178 Resp: 824

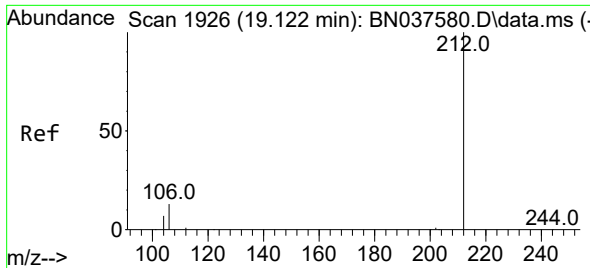
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

179 15.2 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037614.D

Acq: 19 Aug 2025 19:07

Instrument :

BNA_N

ClientSampleId :

MW-18B-57.5-081325

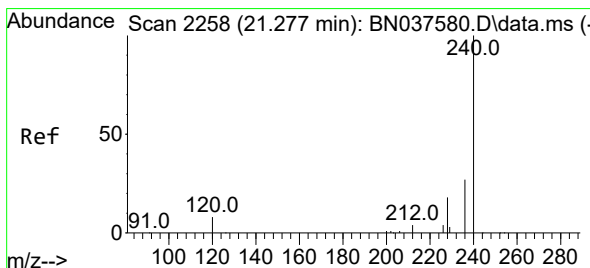
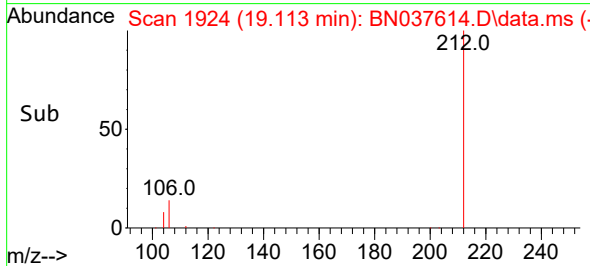
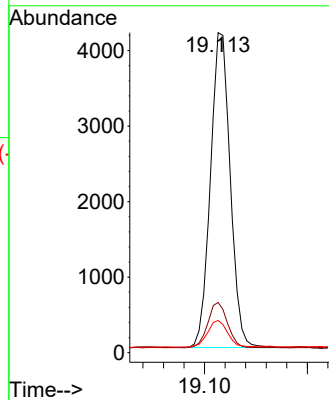
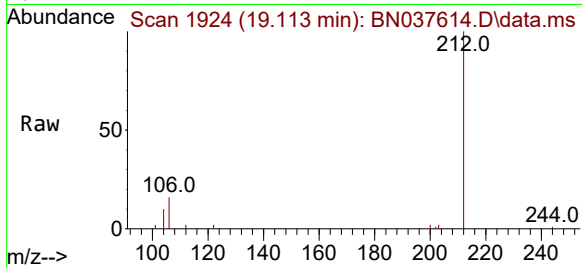
Tgt Ion:212 Resp: 5575

Ion Ratio Lower Upper

212 100

106 14.7 11.5 17.3

104 8.4 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037614.D

Acq: 19 Aug 2025 19:07

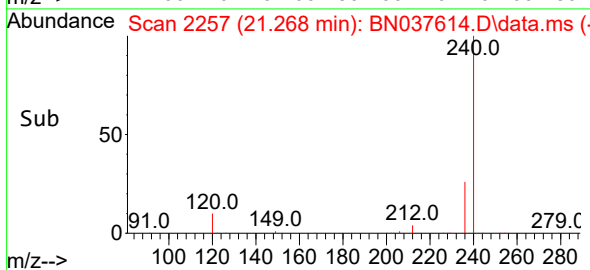
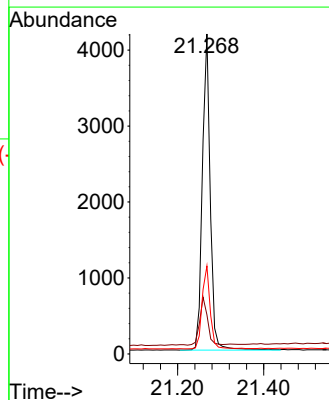
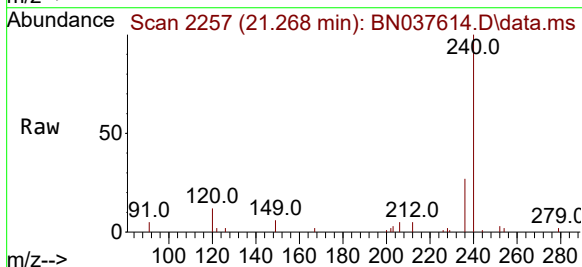
Tgt Ion:240 Resp: 5314

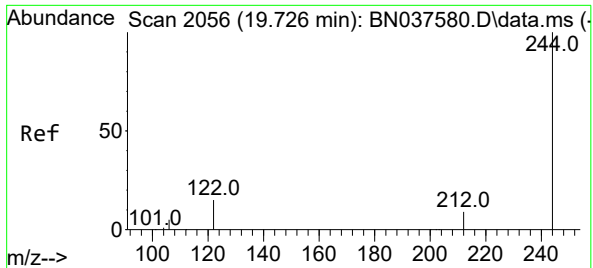
Ion Ratio Lower Upper

240 100

120 12.3 8.9 13.3

236 27.5 22.6 33.8

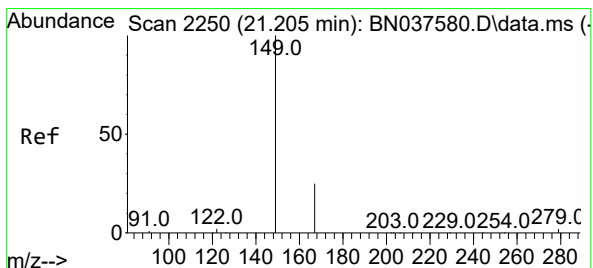
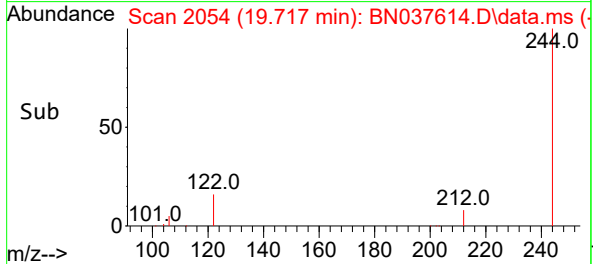
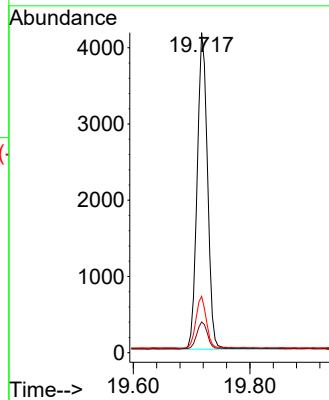
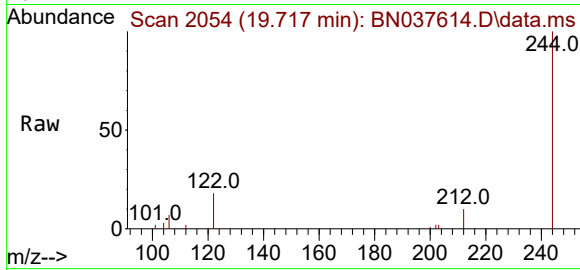




#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.717 min Scan# 2056
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

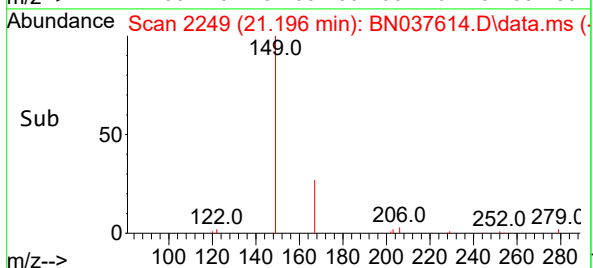
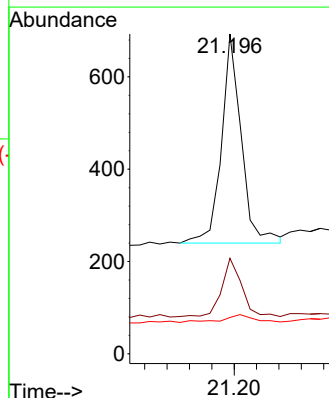
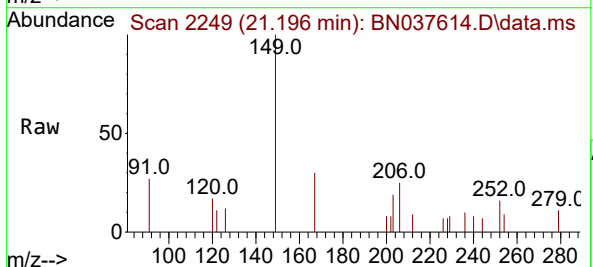
Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

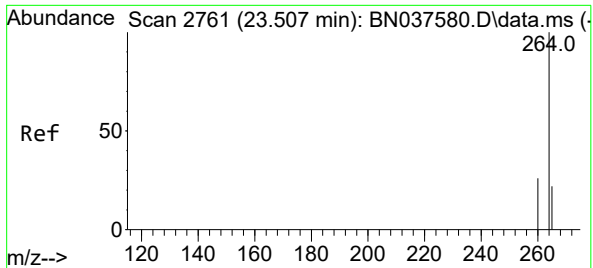
Tgt Ion:	244	Resp:	5126
Ion Ratio	Lower	Upper	
244	100		
212	9.6	8.2	12.2
122	17.6	13.2	19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:	149	Resp:	557
Ion Ratio	Lower	Upper	
149	100		
167	27.6	20.5	30.7
279	5.9	2.6	4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.499 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037614.D

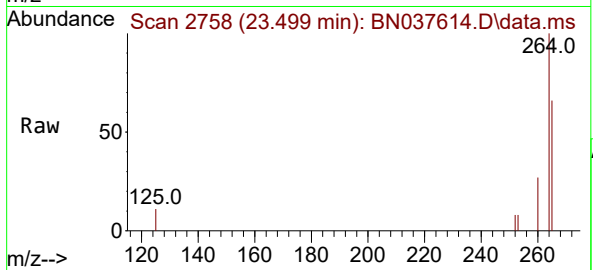
Acq: 19 Aug 2025 19:07

Instrument :

BNA_N

ClientSampleId :

MW-18B-57.5-081325



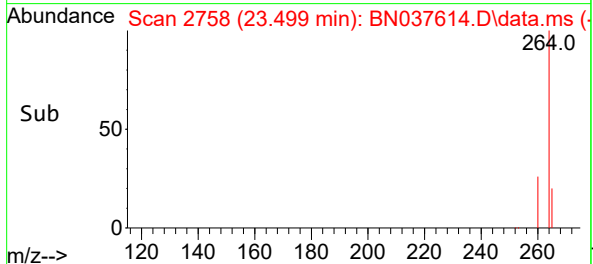
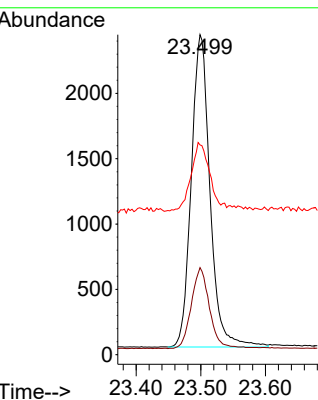
Tgt Ion:264 Resp: 4798

Ion Ratio Lower Upper

264 100

260 27.2 21.6 32.4

265 65.5 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037615.D
 Acq On : 19 Aug 2025 19:43
 Operator : RC/JU
 Sample : Q2878-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 20 01:29:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

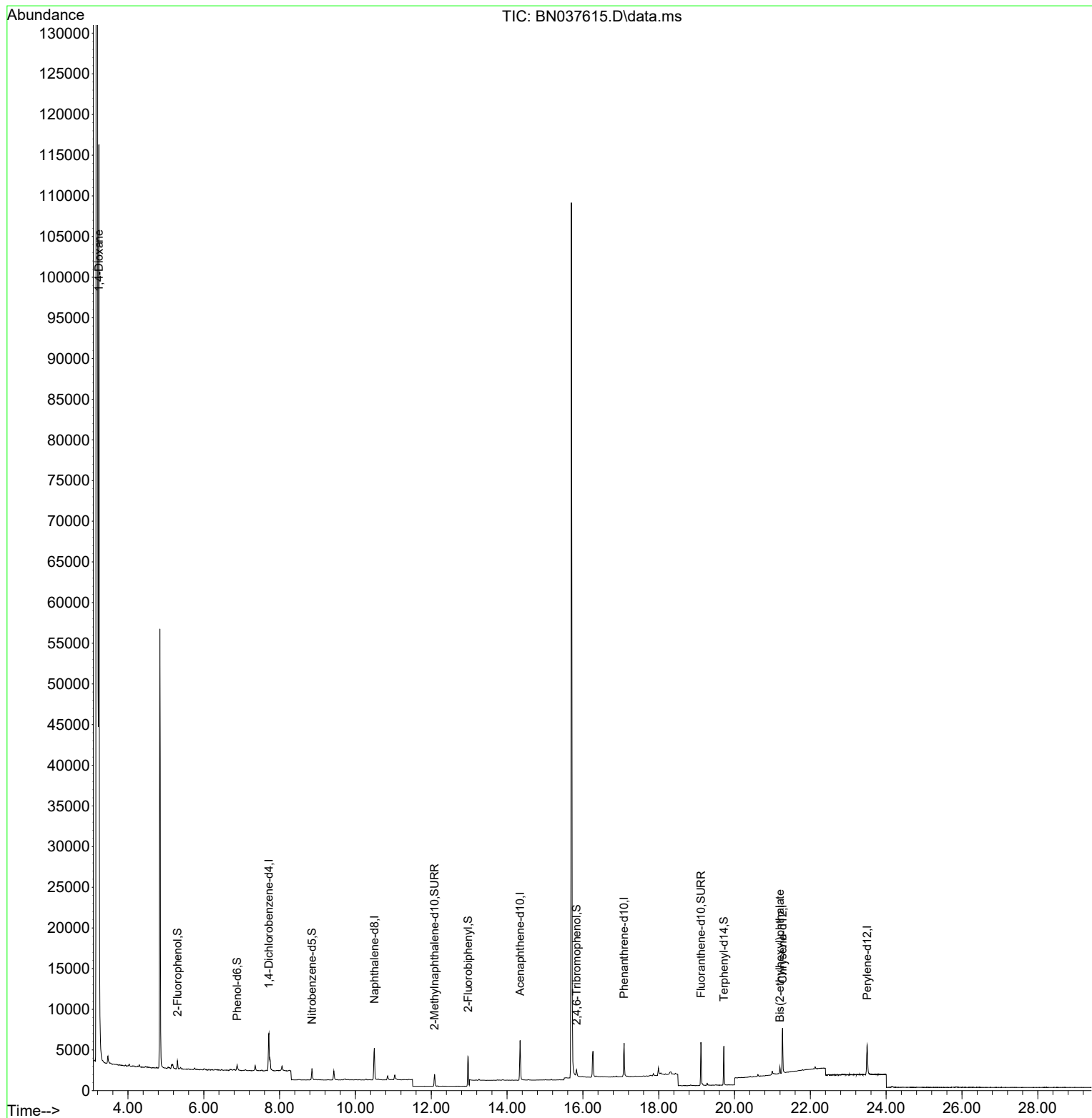
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2250	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5479	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2729	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5759	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5360	0.400	ng	0.00
35) Perylene-d12	23.499	264	4886	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	751	0.147	ng	0.00
5) Phenol-d6	6.879	99	566	0.092	ng	0.00
8) Nitrobenzene-d5	8.854	82	1174	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2019	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	463	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4882	0.309	ng	0.00
27) Fluoranthene-d10	19.113	212	5798	0.383	ng	0.00
31) Terphenyl-d14	19.717	244	4557	0.413	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	52511	24.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	811	0.110	ng	99

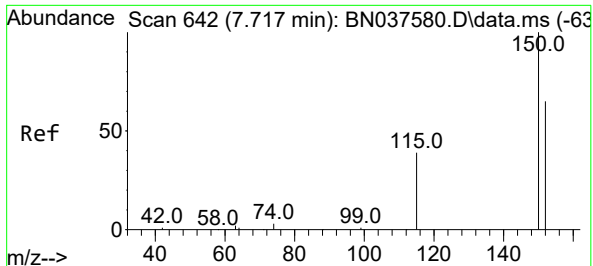
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037615.D
Acq On : 19 Aug 2025 19:43
Operator : RC/JU
Sample : Q2878-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

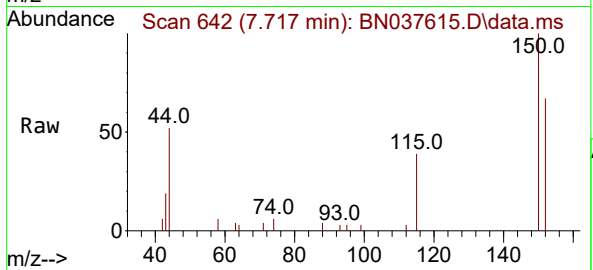
Quant Time: Aug 20 01:29:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



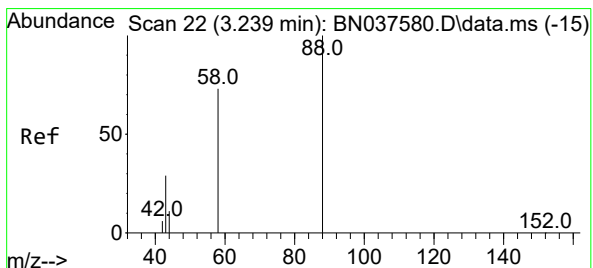
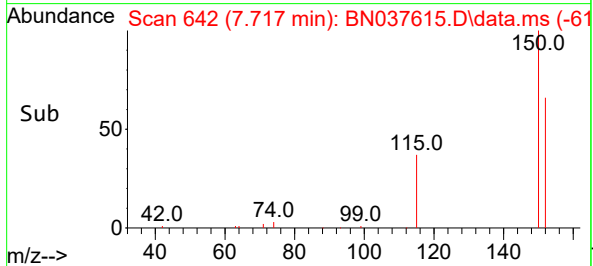
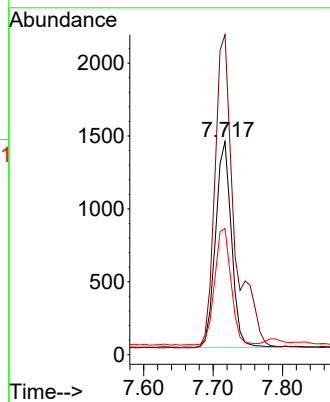


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

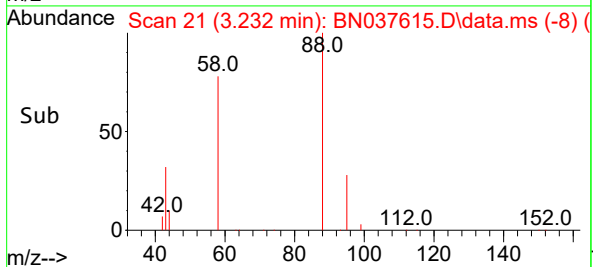
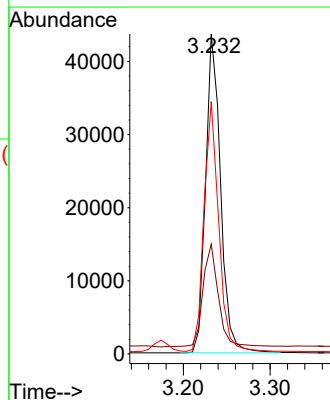
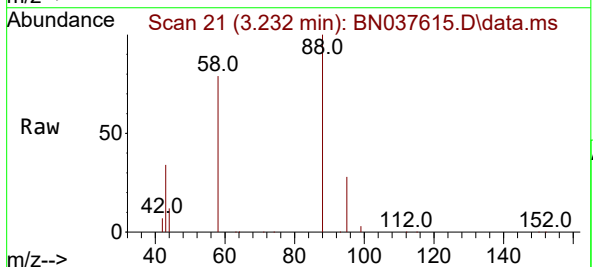


Tgt Ion:152 Resp: 2250
Ion Ratio Lower Upper
152 100
150 150.1 122.2 183.4
115 59.2 49.8 74.6

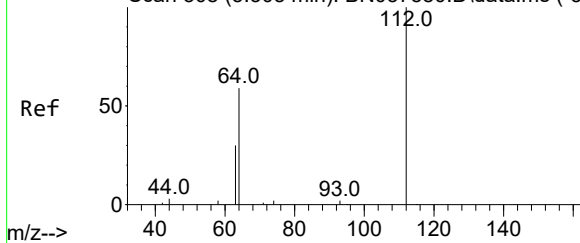


#2
1,4-Dioxane
Concen: 24.394 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion: 88 Resp: 52511
Ion Ratio Lower Upper
88 100
43 33.3 25.8 38.6
58 76.4 61.2 91.8



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



#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037615.D

Acq: 19 Aug 2025 19:43

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425

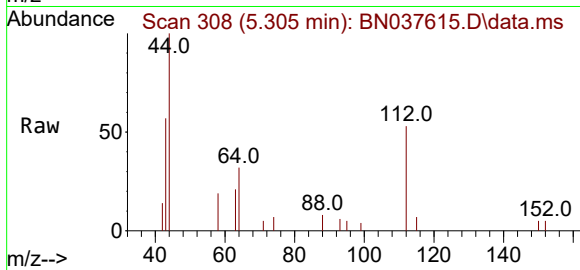
Tgt Ion:112 Resp: 751

Ion Ratio Lower Upper

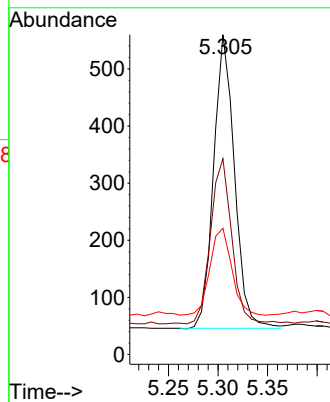
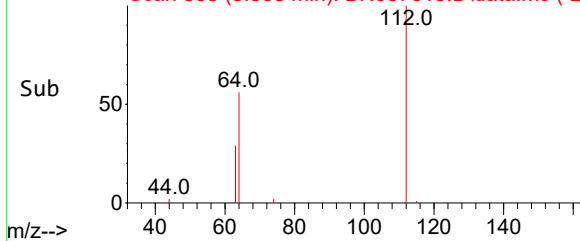
112 100

64 57.3 44.9 67.3

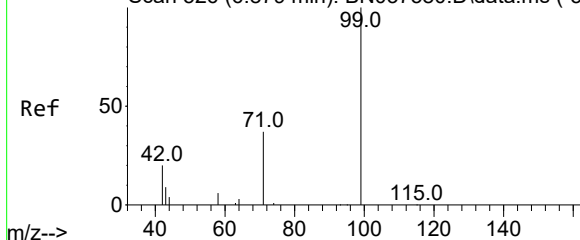
63 32.2 23.4 35.2



Abundance Scan 308 (5.305 min): BN037615.D\data.ms (-28



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



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.879 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037615.D

Acq: 19 Aug 2025 19:43

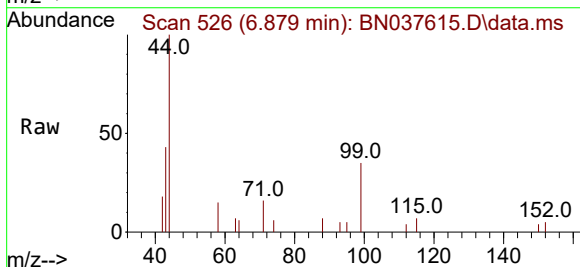
Tgt Ion: 99 Resp: 566

Ion Ratio Lower Upper

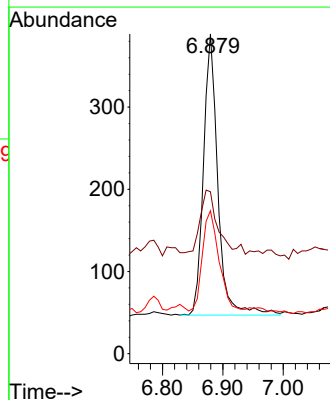
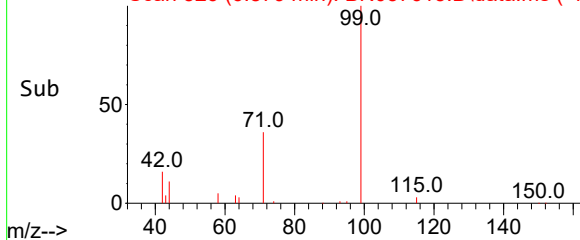
99 100

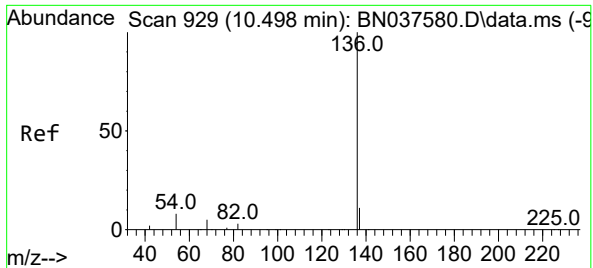
42 27.6 18.5 27.7

71 43.1 28.6 42.8#



Abundance Scan 526 (6.879 min): BN037615.D\data.ms (-49

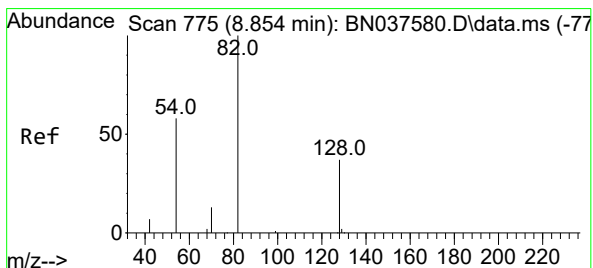
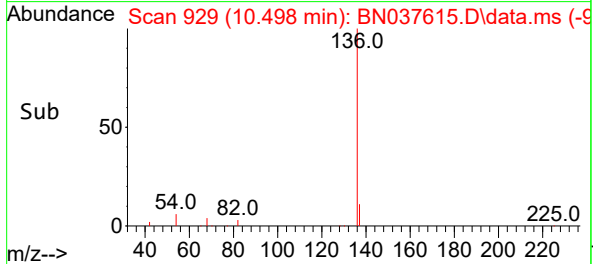
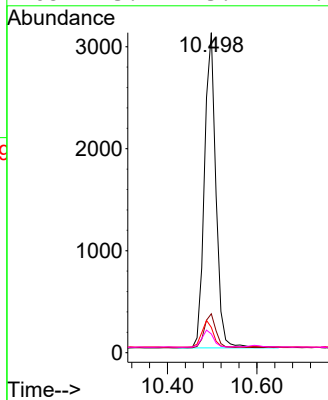
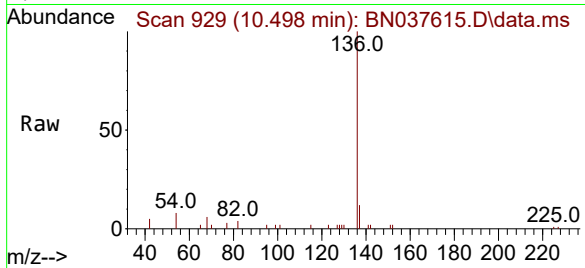




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

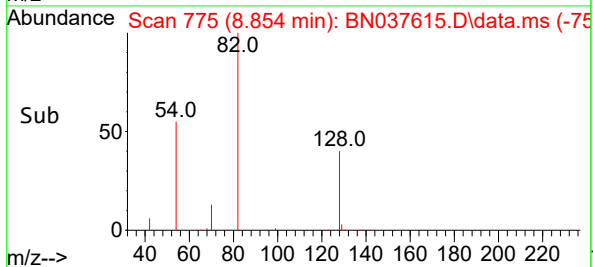
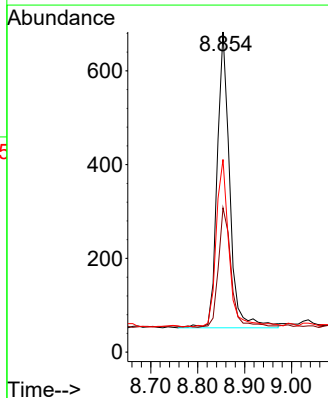
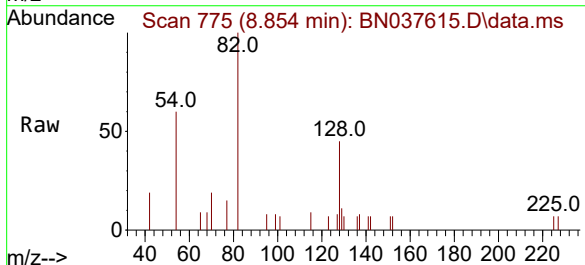
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

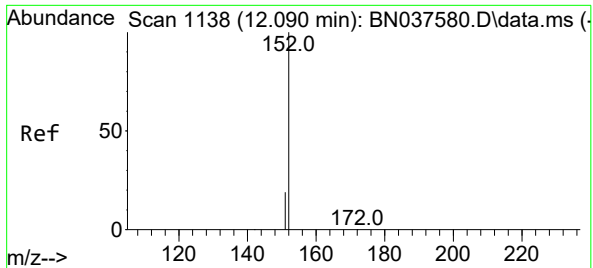
Tgt Ion:	136	Resp:	5479
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	7.9	7.3	10.9
68	5.9	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:	82	Resp:	1174
Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.6	48.8
54	60.2	48.9	73.3

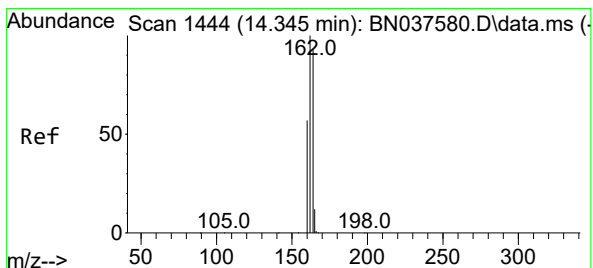
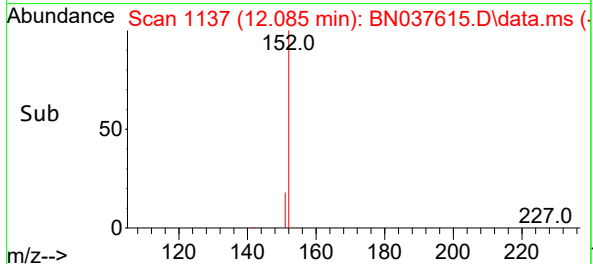
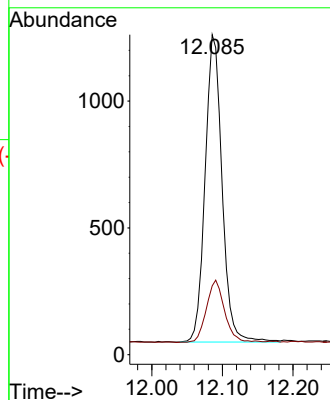
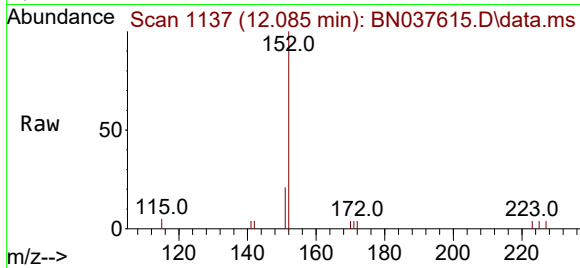




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.085 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

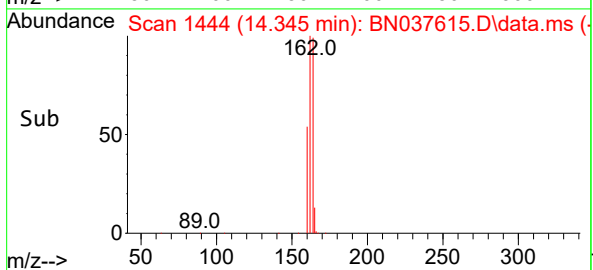
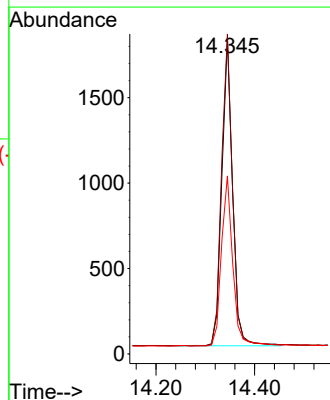
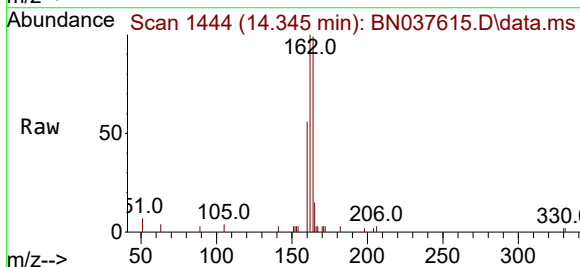
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

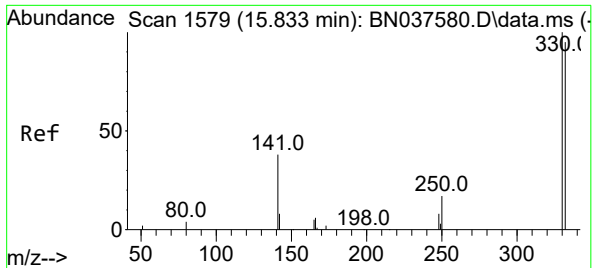
Tgt Ion:152 Resp: 2019
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:164 Resp: 2729
Ion Ratio Lower Upper
164 100
162 101.3 85.5 128.3
160 56.4 49.5 74.3

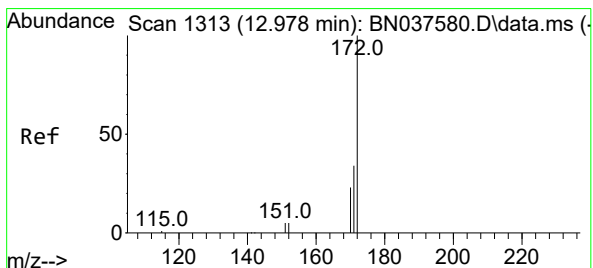
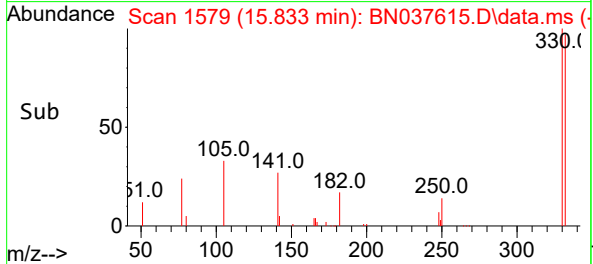
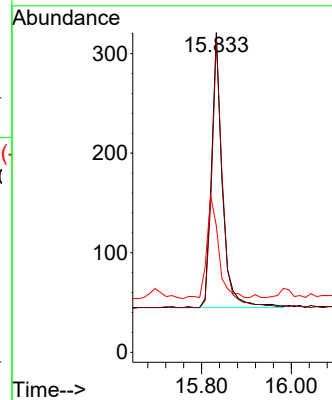
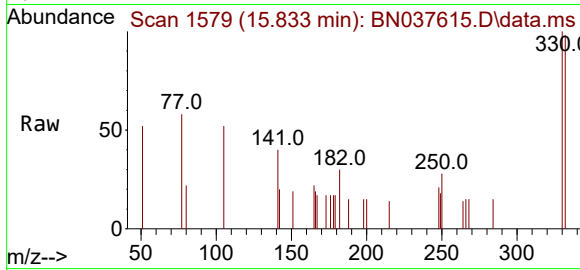




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

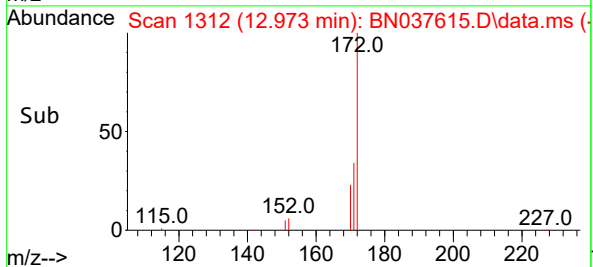
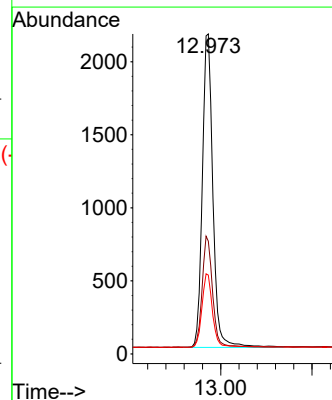
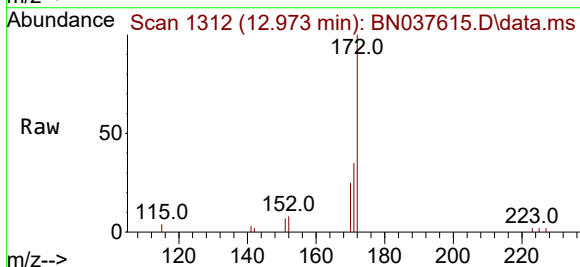
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

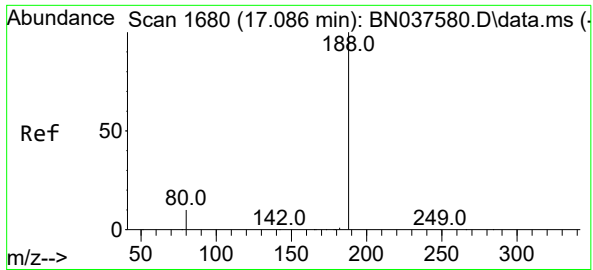
Tgt Ion:	330	Resp:	463
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	41.0	30.9	46.3



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:	172	Resp:	4882
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	24.7	19.2	28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037615.D

Acq: 19 Aug 2025 19:43

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425

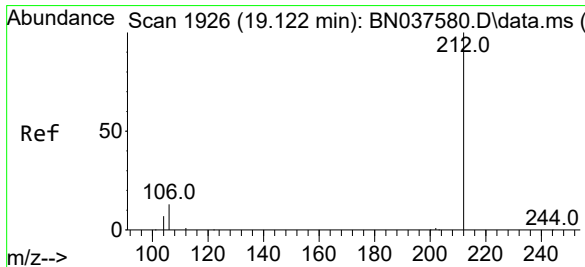
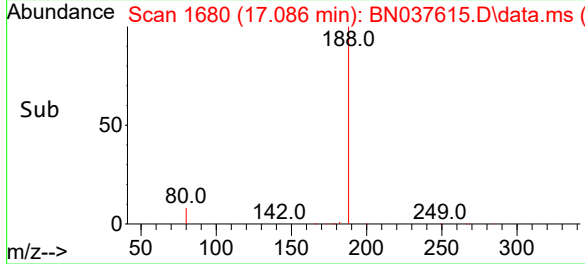
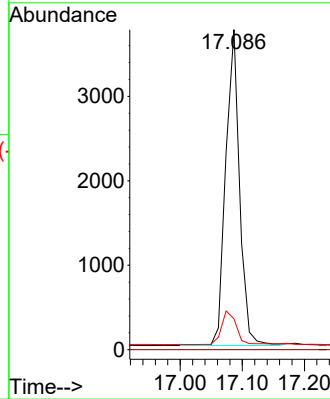
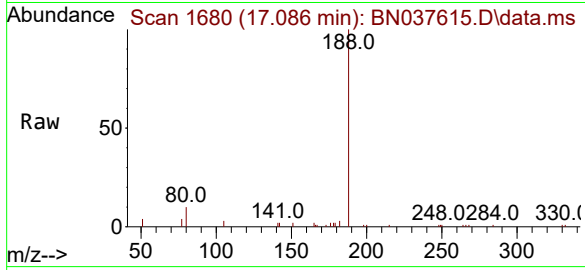
Tgt Ion:188 Resp: 5759

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037615.D

Acq: 19 Aug 2025 19:43

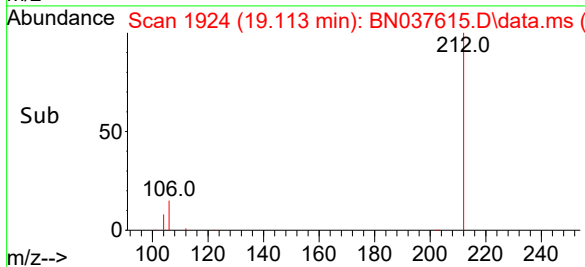
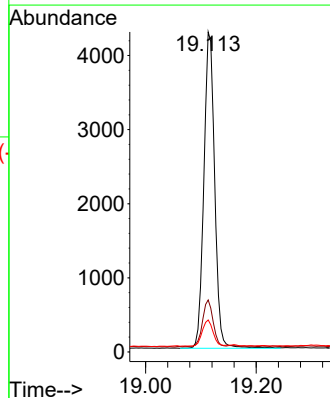
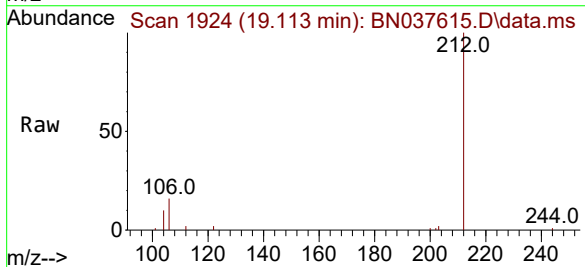
Tgt Ion:212 Resp: 5798

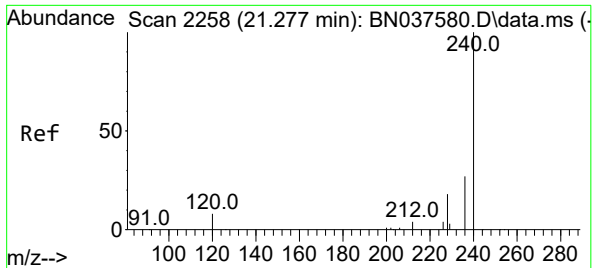
Ion Ratio Lower Upper

212 100

106 14.5 11.5 17.3

104 8.2 6.6 9.8

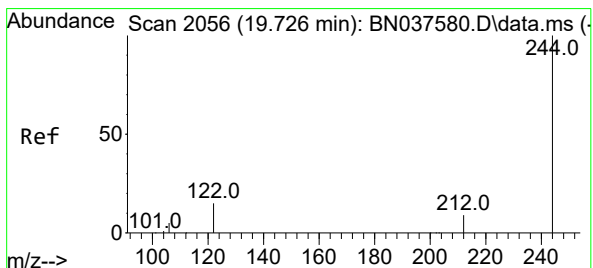
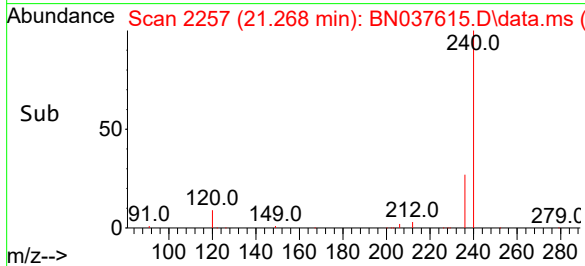
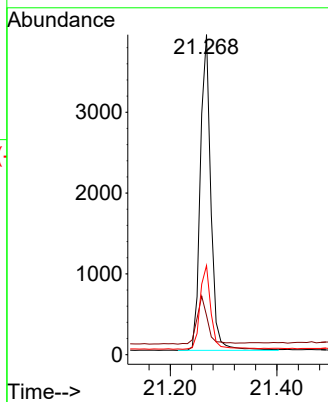
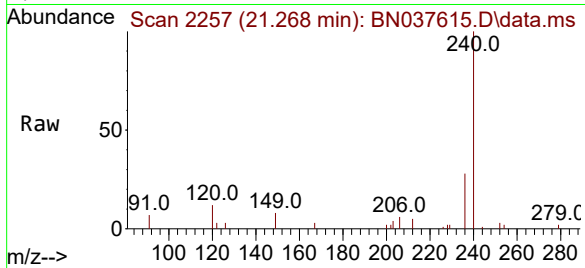




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

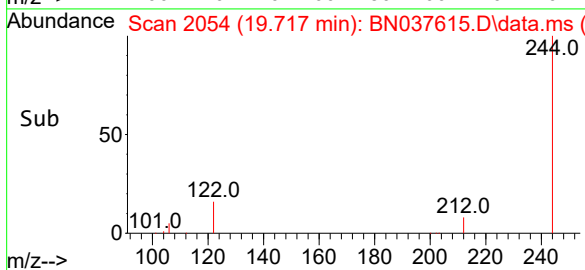
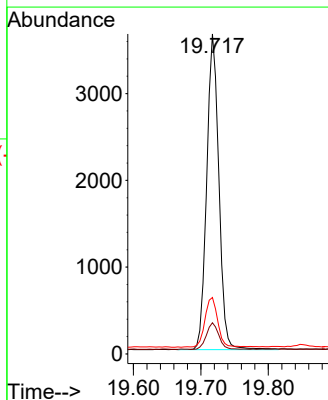
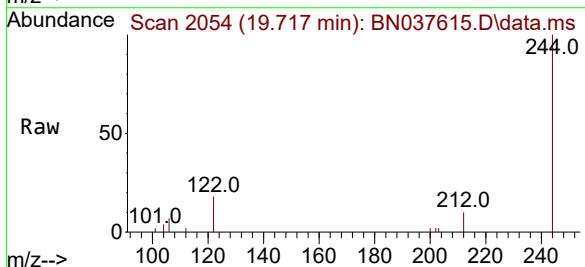
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

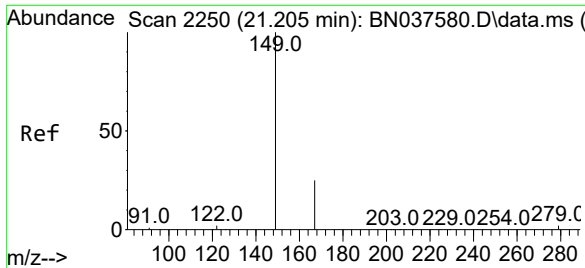
Tgt Ion:	240	Resp:	5360
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.9	13.3
236	27.8	22.6	33.8



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:	244	Resp:	4557
Ion Ratio	Lower	Upper	
244	100		
212	9.8	8.2	12.2
122	17.7	13.2	19.8

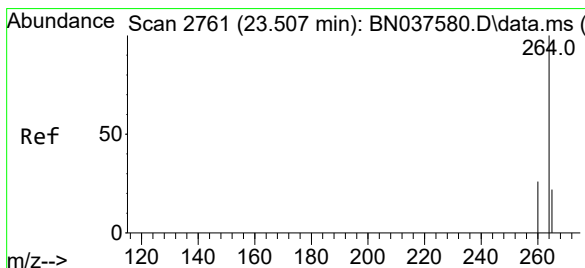
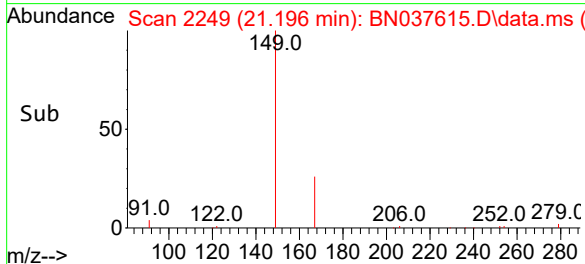
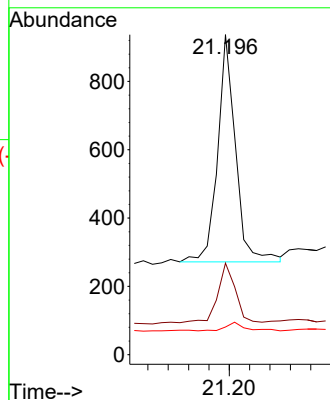
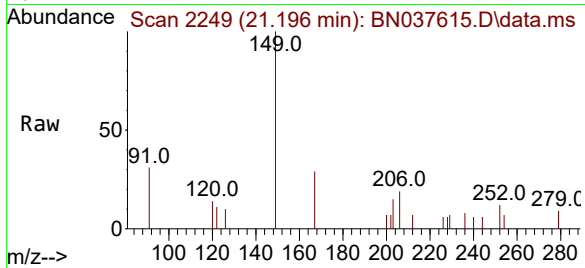




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.110 ng
RT: 21.196 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

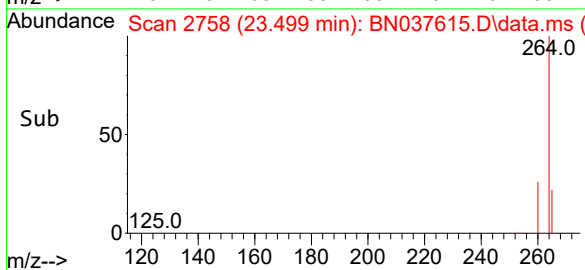
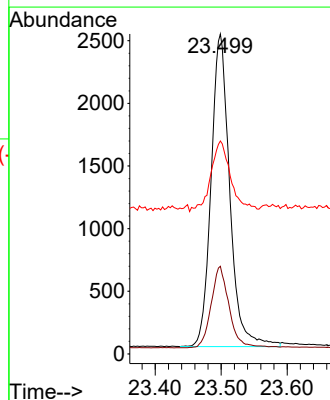
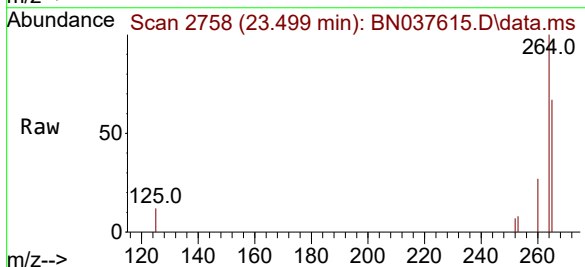
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

Tgt Ion:149 Resp: 811
Ion Ratio Lower Upper
149 100
167 25.4 20.5 30.7
279 3.9 2.6 4.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2758
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:264 Resp: 4886
Ion Ratio Lower Upper
264 100
260 27.4 21.6 32.4
265 66.6 48.2 72.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037629.D
 Acq On : 20 Aug 2025 10:49
 Operator : RC/JU
 Sample : Q2878-05DL 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425DL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Aug 21 04:13:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

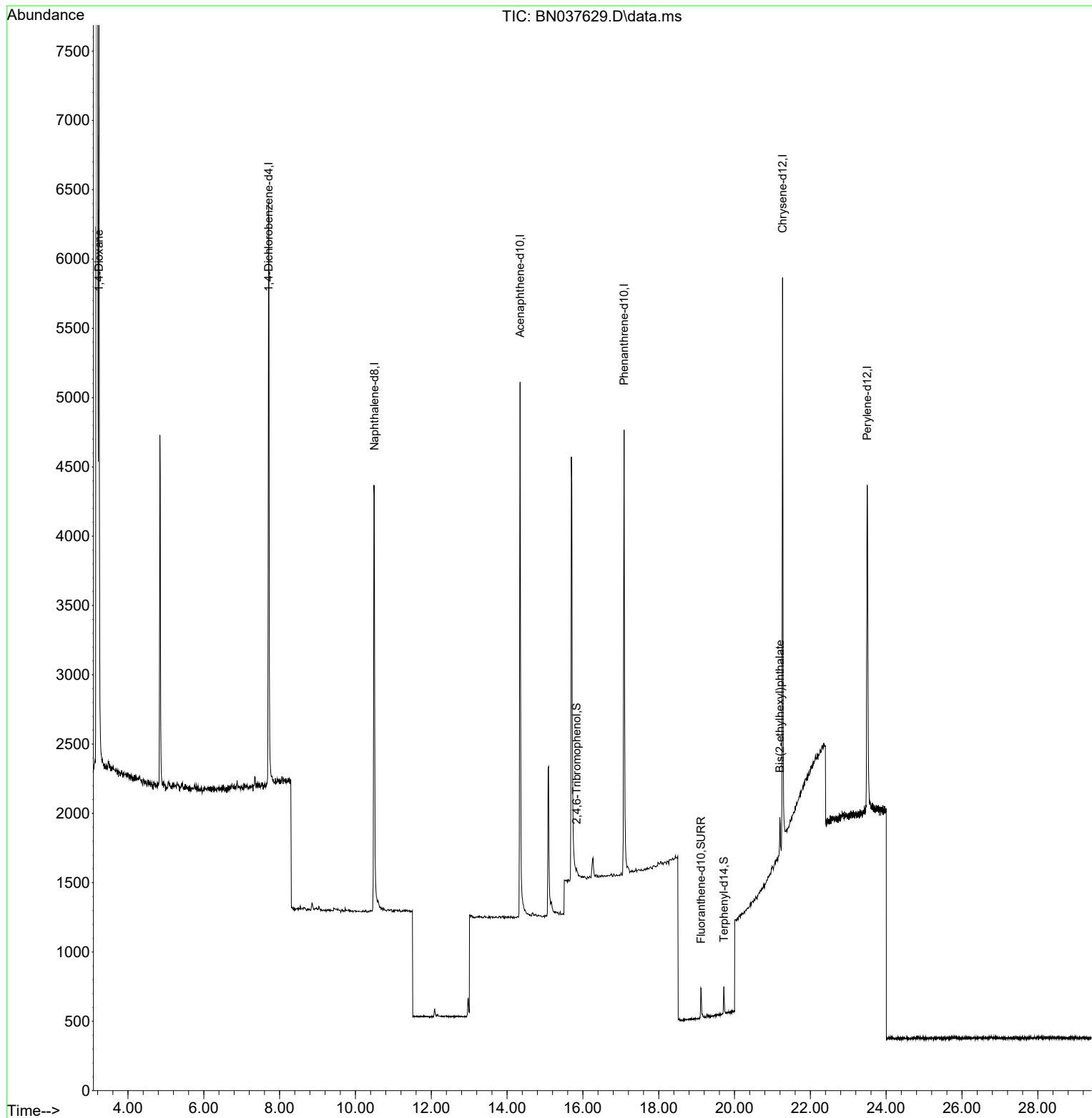
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2132	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4980	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2455	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5117	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4012	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3548	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	43	0.009	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.854	82	54	0.015	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	94	0.014	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	24	0.022	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	212	0.015	ng	0.00
27) Fluoranthene-d10	19.113	212	288	0.021	ng	0.00
31) Terphenyl-d14	19.717	244	220	0.027	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	3017	1.479	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	304	0.055	ng	# 92

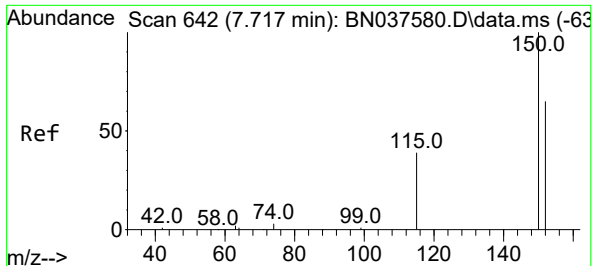
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037629.D
Acq On : 20 Aug 2025 10:49
Operator : RC/JU
Sample : Q2878-05DL 20X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

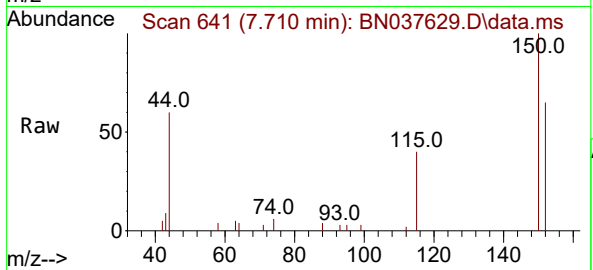
Quant Time: Aug 21 04:13:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



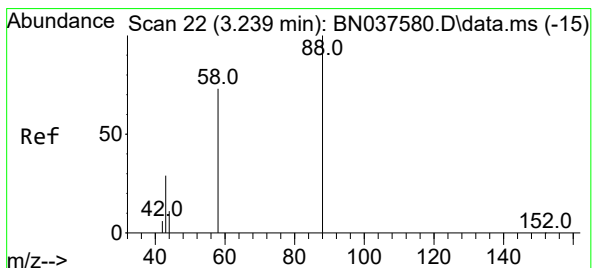
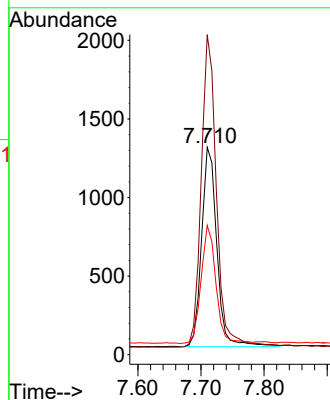
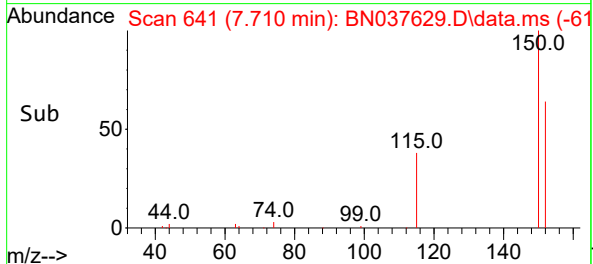


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

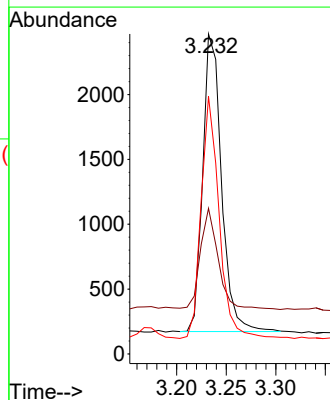
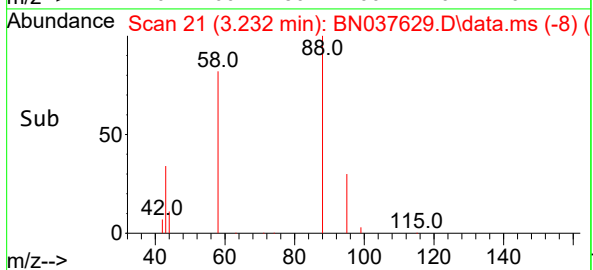
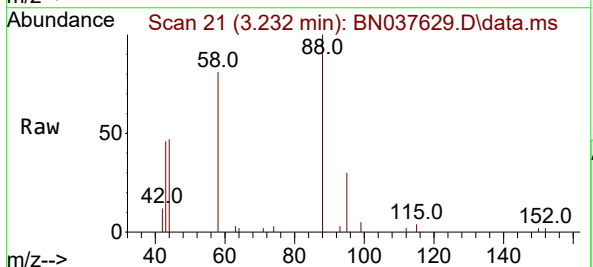


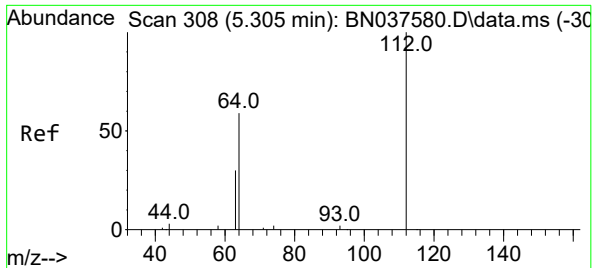
Tgt Ion:152 Resp: 2132
Ion Ratio Lower Upper
152 100
150 154.4 122.2 183.4
115 62.4 49.8 74.6



#2
1,4-Dioxane
Concen: 1.479 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion: 88 Resp: 3017
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.6
58 78.1 61.2 91.8





#4

2-Fluorophenol

Concen: 0.009 ng

RT: 5.305 min Scan# 30

Delta R.T. 0.000 min

Lab File: BN037629.D

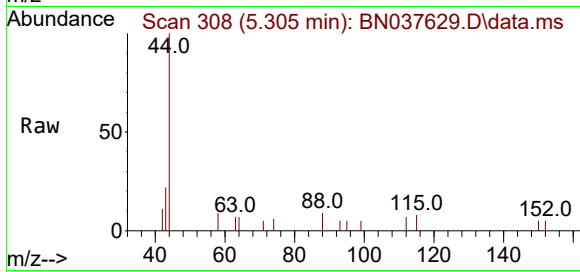
Acq: 20 Aug 2025 10:49

Instrument :

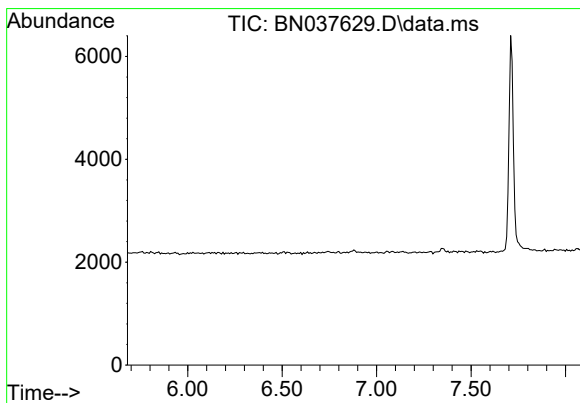
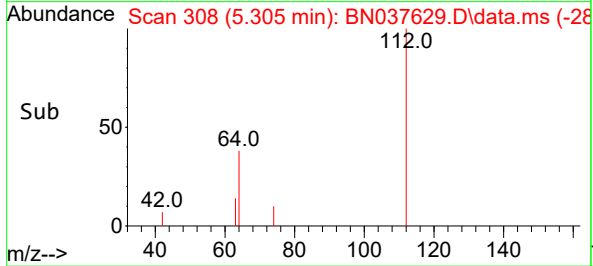
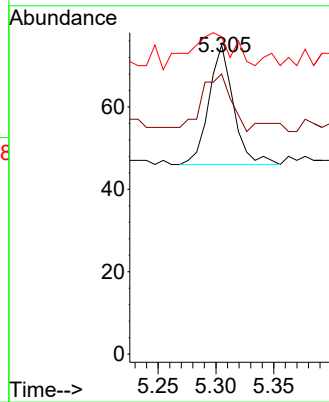
BNA_N

ClientSampleId :

MW-11A-37.5-081425DL



Tgt Ion:	112	Resp:	43
Ion	Ratio	Lower	Upper
112	100		
64	58.1	44.9	67.3
63	55.8	23.4	35.2



#5

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.88 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

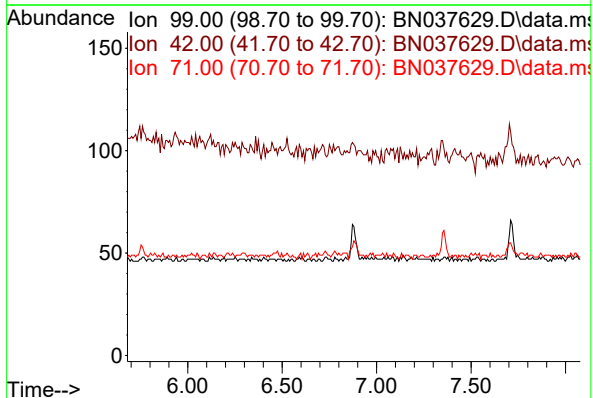
Tgt Ion: 99

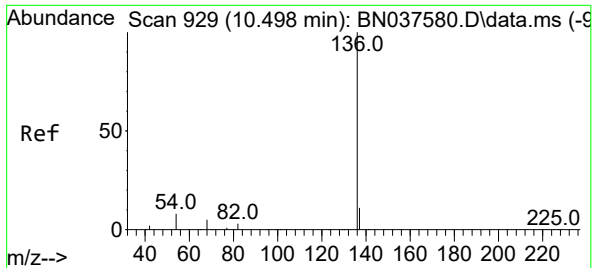
Sig Exp Ratio

99 100

42 23.1

71 35.7

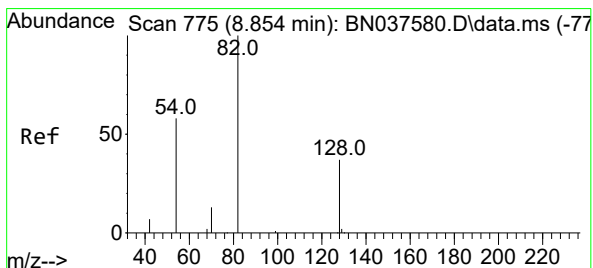
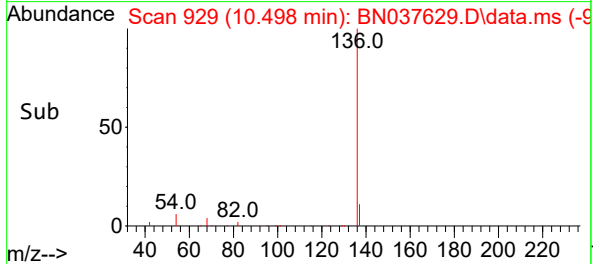
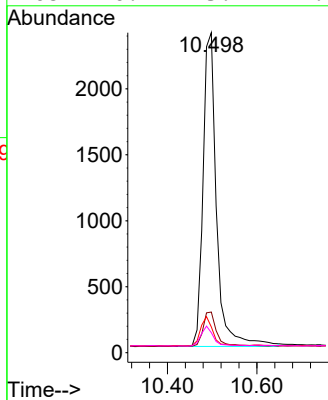
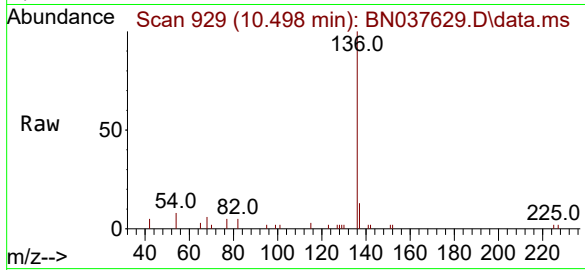




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

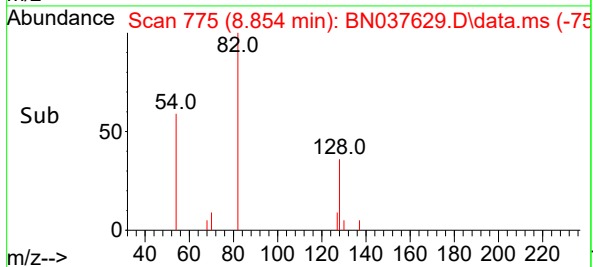
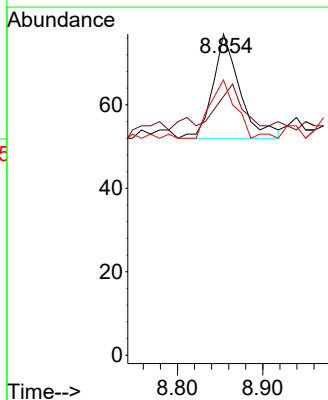
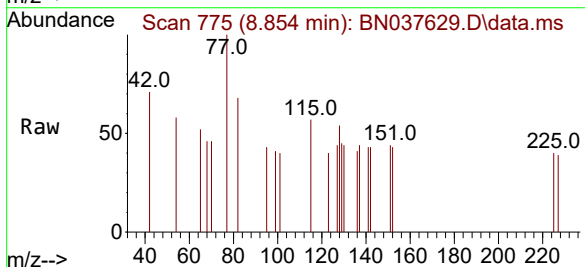
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

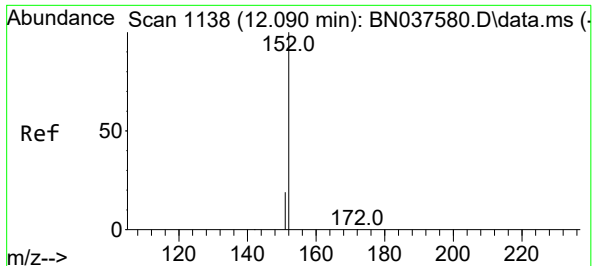
Tgt Ion:	136	Resp:	4980
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	8.0	7.3	10.9
68	6.2	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.015 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:	82	Resp:	54
Ion	Ratio	Lower	Upper
82	100		
128	80.5	32.6	48.8#
54	85.7	48.9	73.3#

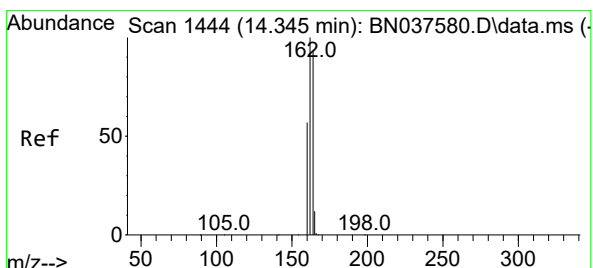
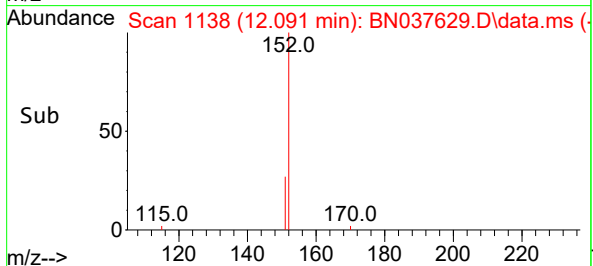
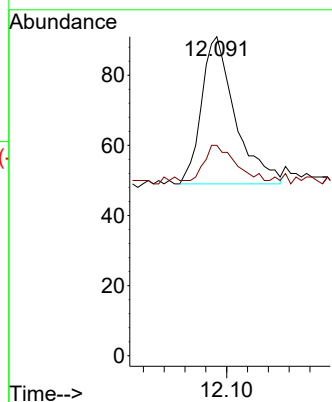
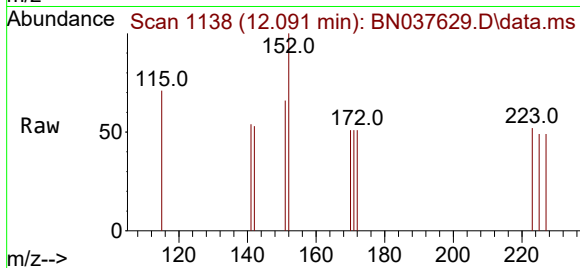




#11
2-Methylnaphthalene-d10
Concen: 0.014 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

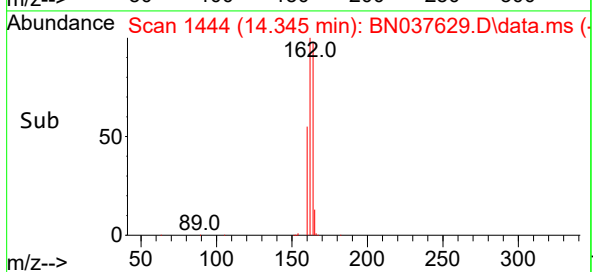
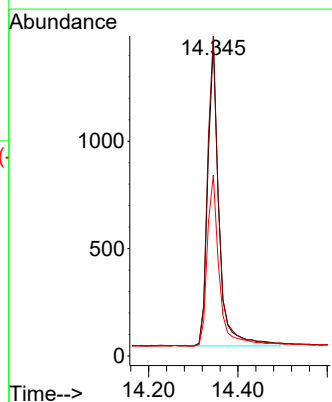
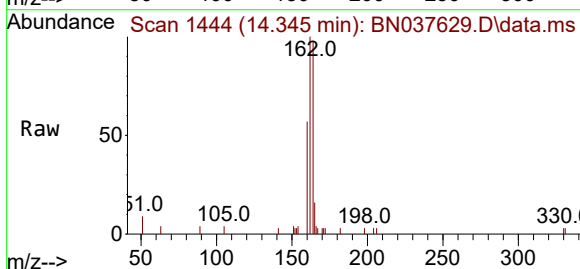
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

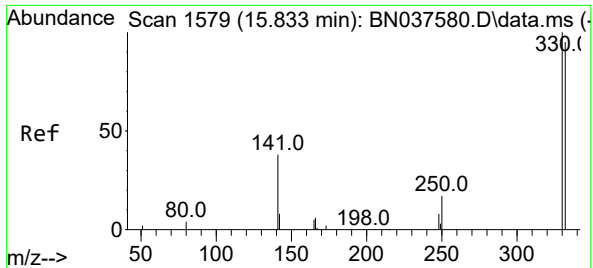
Tgt Ion:152 Resp: 94
Ion Ratio Lower Upper
152 100
151 23.4 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:164 Resp: 2455
Ion Ratio Lower Upper
164 100
162 102.3 85.5 128.3
160 57.8 49.5 74.3

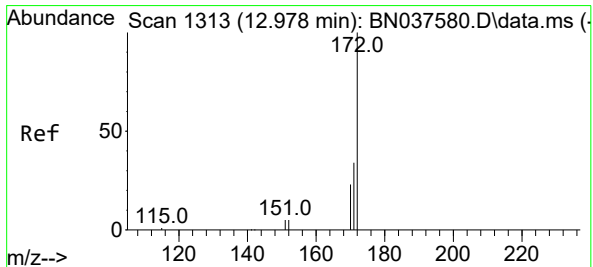
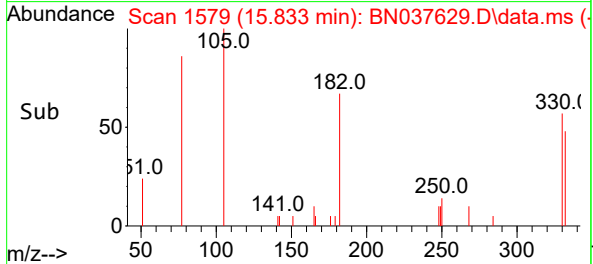
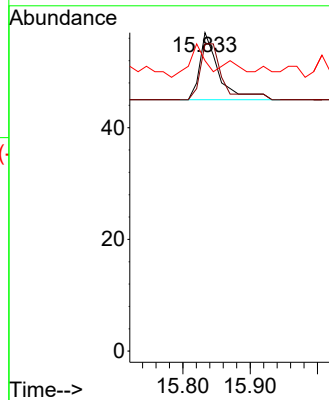
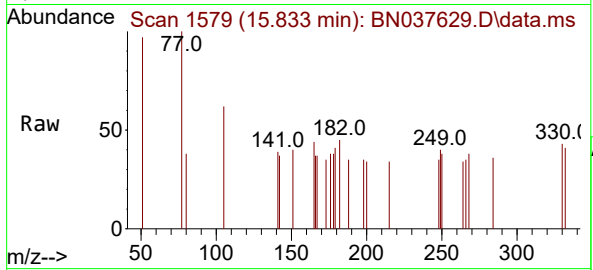




#14
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

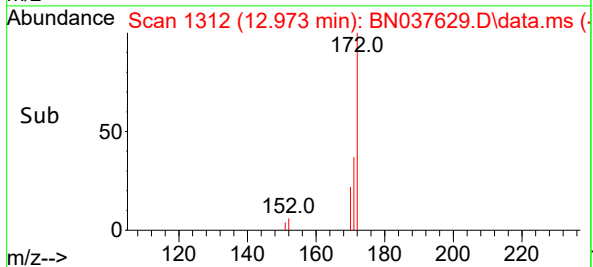
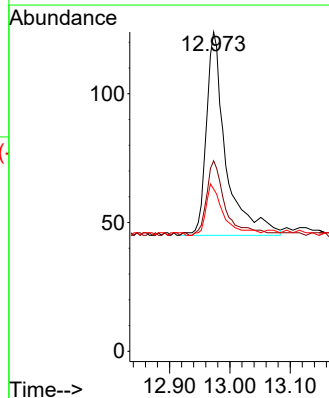
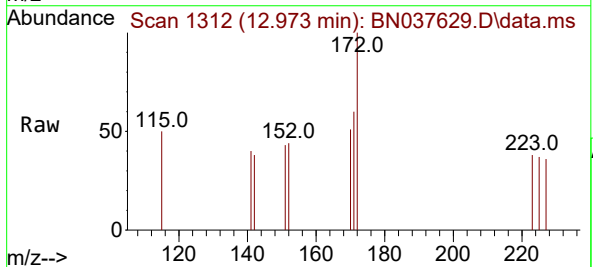
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

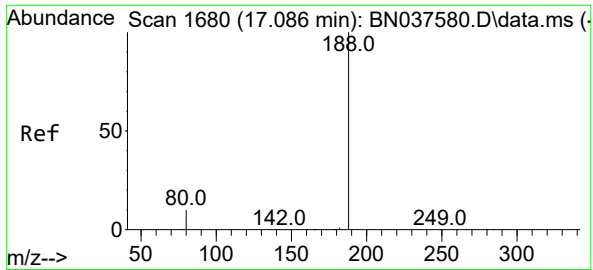
Tgt Ion:330 Resp: 24
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 41.7 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.015 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:172 Resp: 212
Ion Ratio Lower Upper
172 100
171 59.7 28.2 42.4#
170 50.8 19.2 28.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425DL

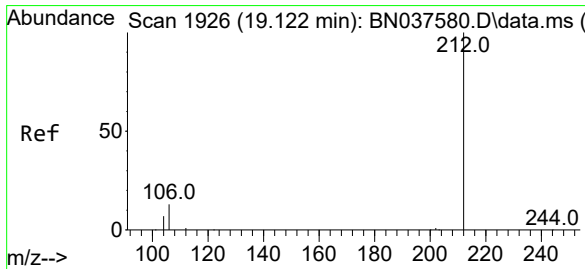
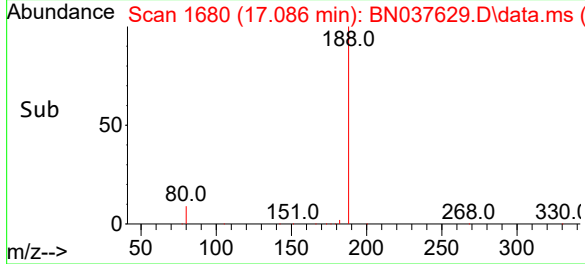
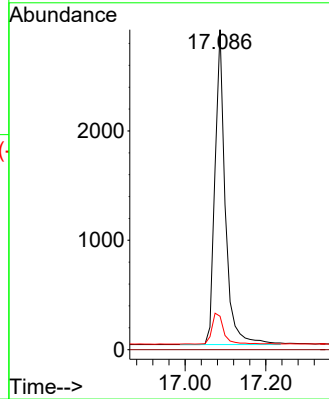
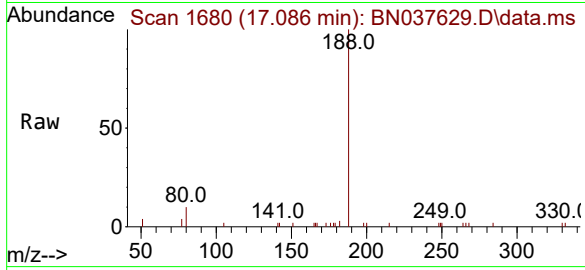
Tgt Ion:188 Resp: 5117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 9.1 13.7



#27

Fluoranthene-d10

Concen: 0.021 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

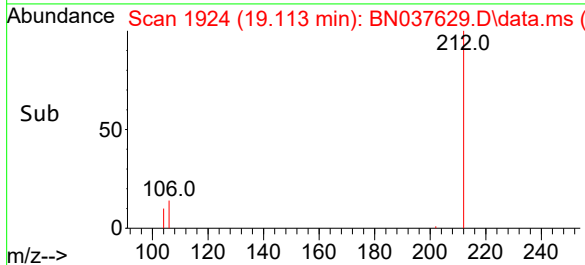
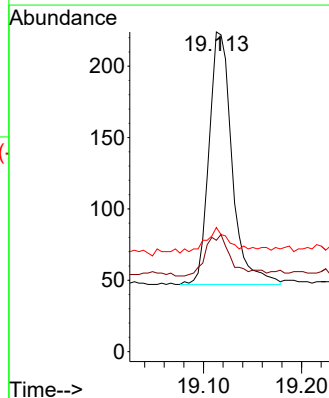
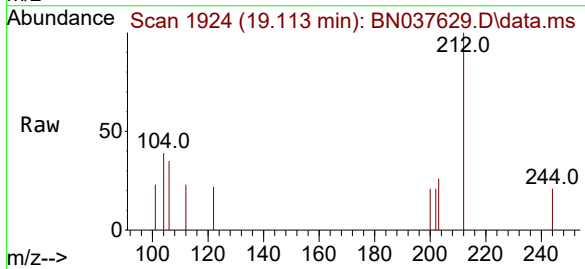
Tgt Ion:212 Resp: 288

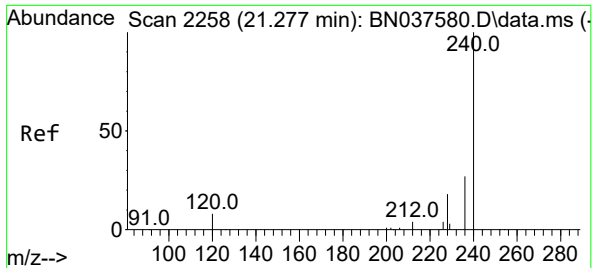
Ion Ratio Lower Upper

212 100

106 17.0 11.5 17.3

104 9.0 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

Instrument :

BNA_N

ClientSampleId :

MW-11A-37.5-081425DL

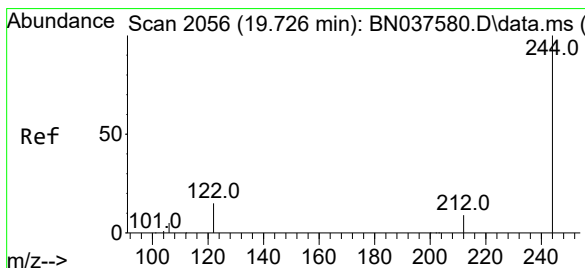
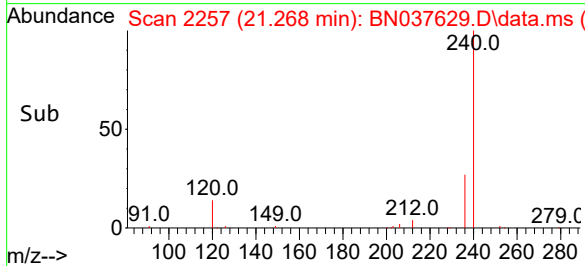
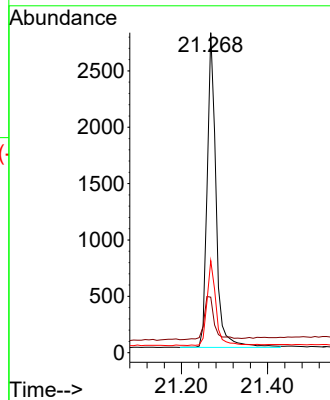
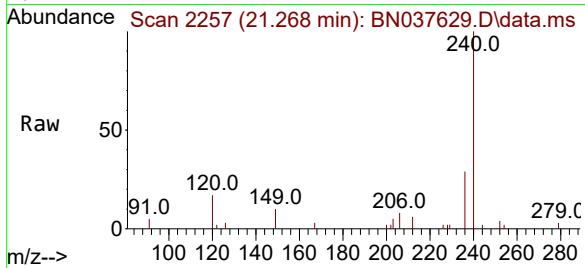
Tgt Ion:240 Resp: 4012

Ion Ratio Lower Upper

240 100

120 17.4 8.9 13.3#

236 28.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.027 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037629.D

Acq: 20 Aug 2025 10:49

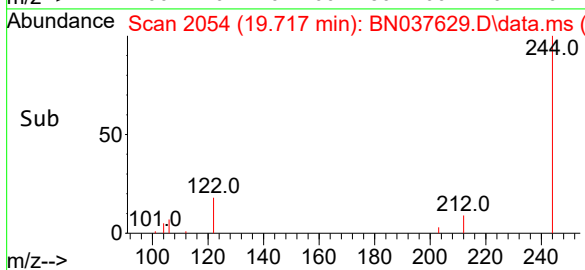
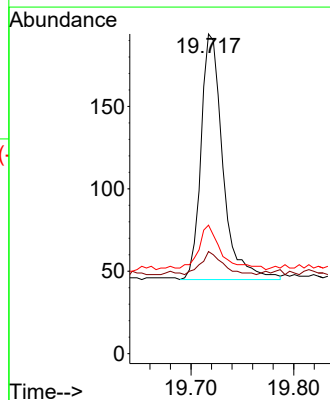
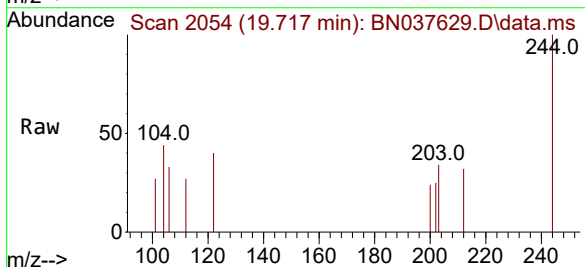
Tgt Ion:244 Resp: 220

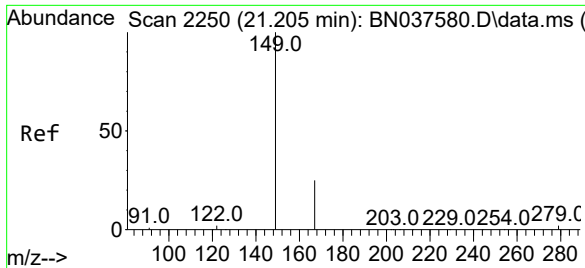
Ion Ratio Lower Upper

244 100

212 32.0 8.2 12.2#

122 40.2 13.2 19.8#

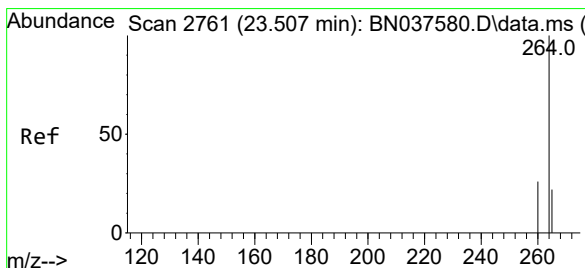
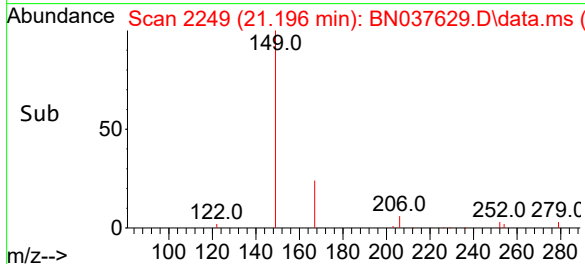
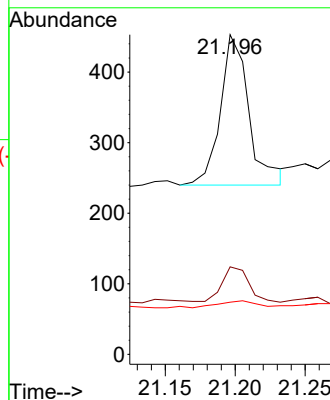
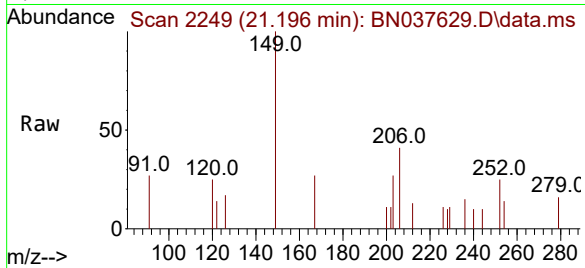




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

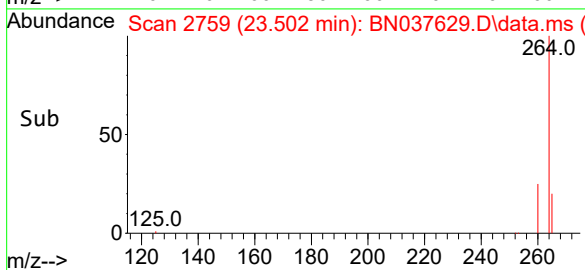
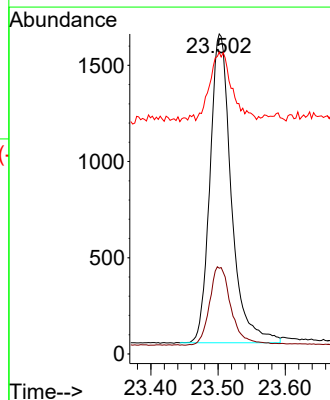
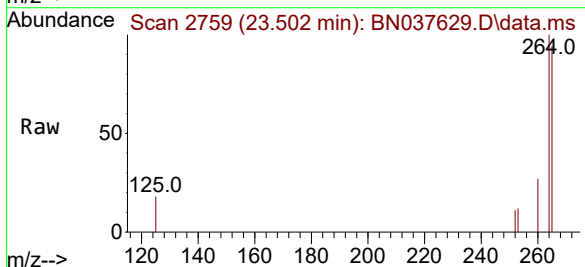
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425DL

Tgt Ion:149 Resp: 304
Ion Ratio Lower Upper
149 100
167 21.7 20.5 30.7
279 6.9 2.6 4.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.502 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BN037629.D
Acq: 20 Aug 2025 10:49

Tgt Ion:264 Resp: 3548
Ion Ratio Lower Upper
264 100
260 26.8 21.6 32.4
265 94.3 48.2 72.4#



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

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BL

A
B
C
D
E
F
G
H
I
J
K

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

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

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

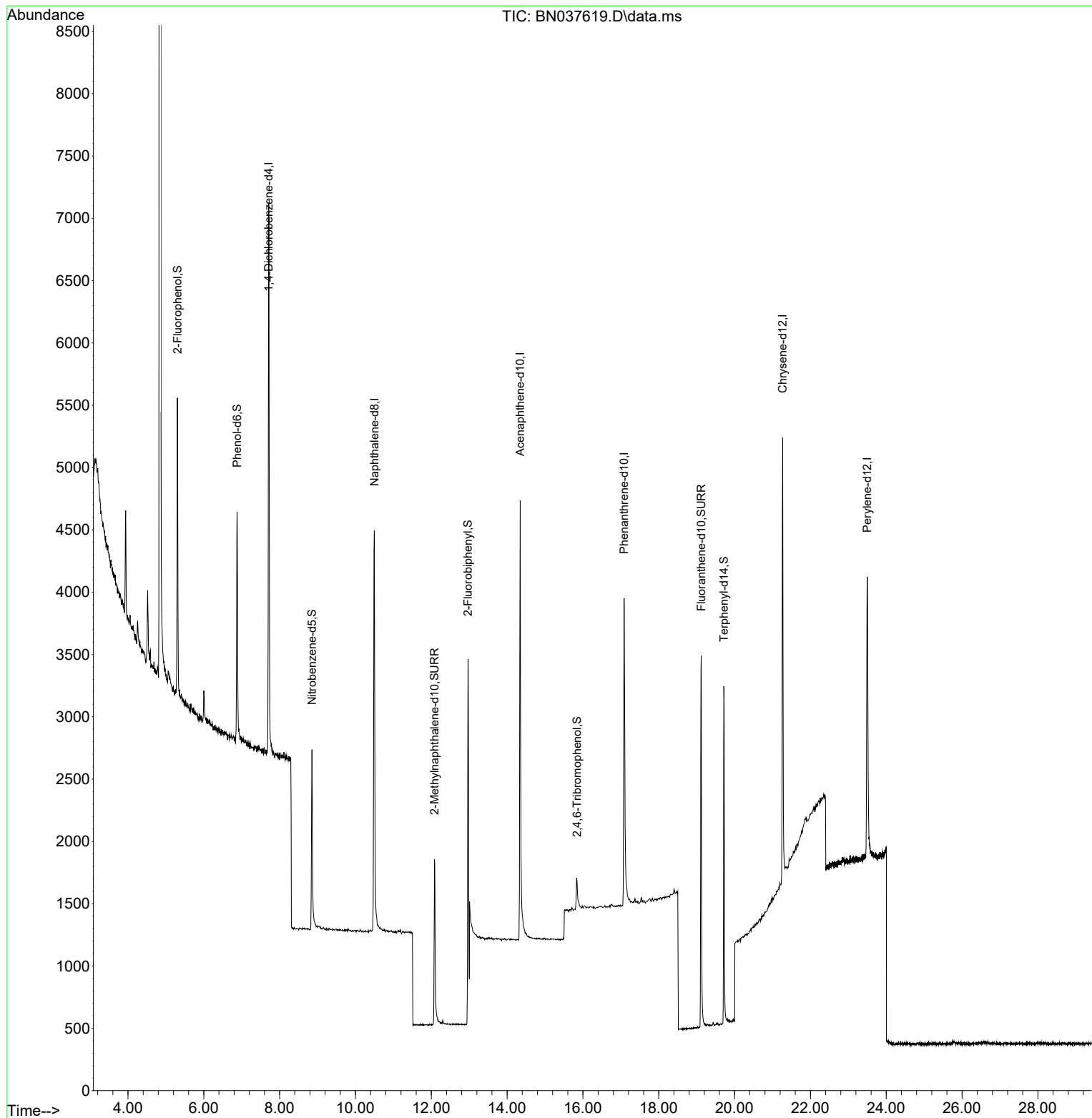
Target Compounds	Qvalue

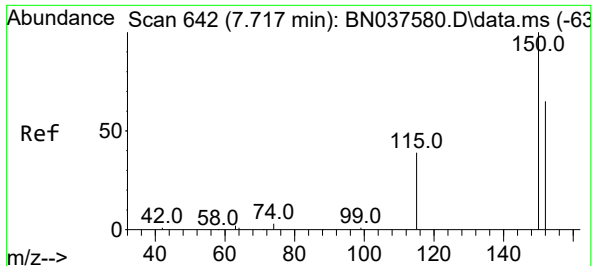
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_N
ClientSampleId :
PB169286BL

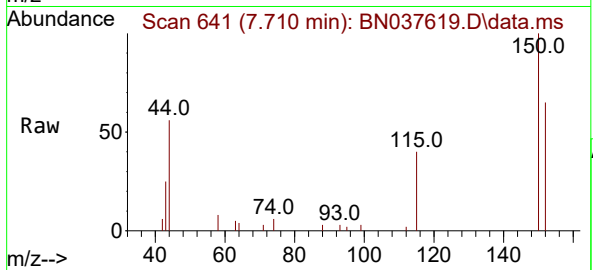
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



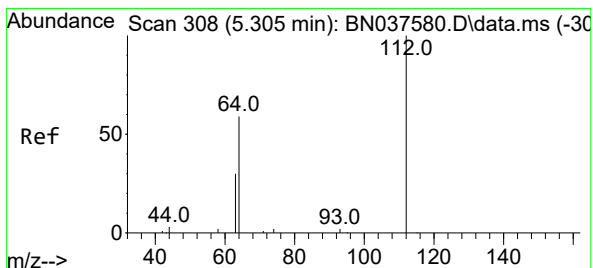
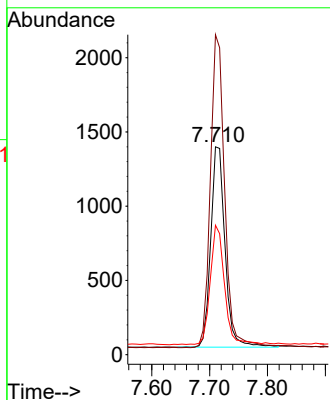
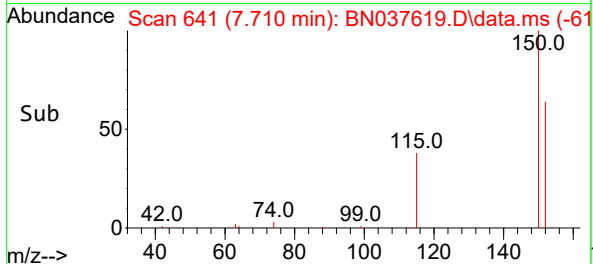


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

Instrument :
BNA_N
ClientSampleId :
PB169286BL

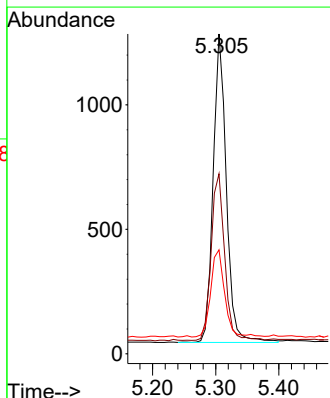
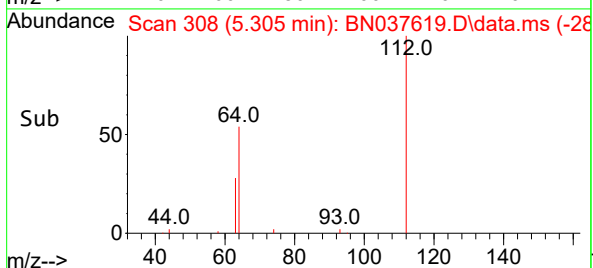
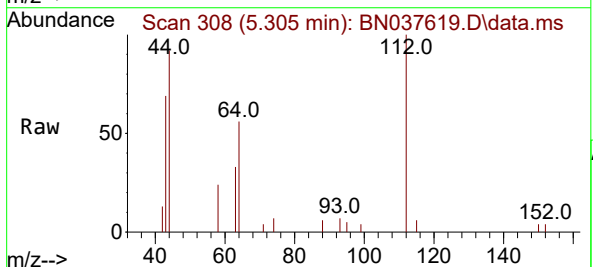


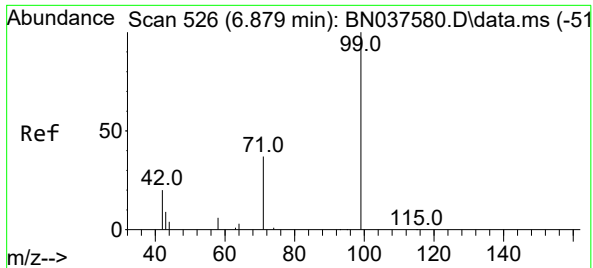
Tgt Ion:152 Resp: 2323
Ion Ratio Lower Upper
152 100
150 153.9 122.2 183.4
115 62.3 49.8 74.6



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

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

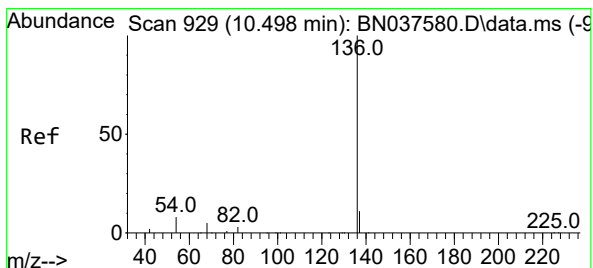
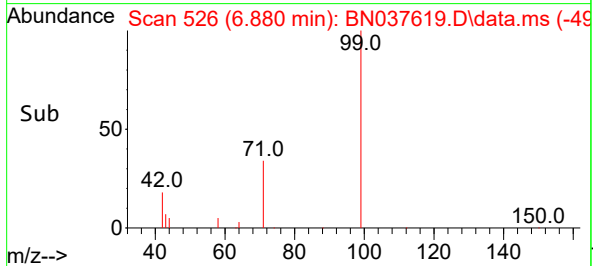
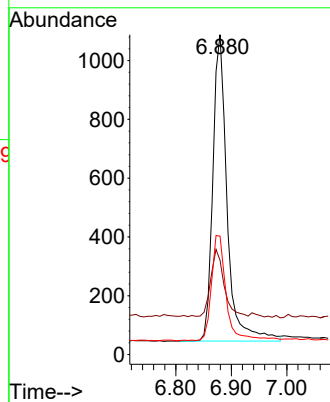
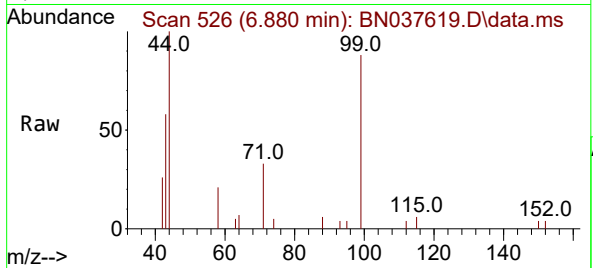




#5
Phenol-d6
Concen: 0.293 ng
RT: 6.880 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

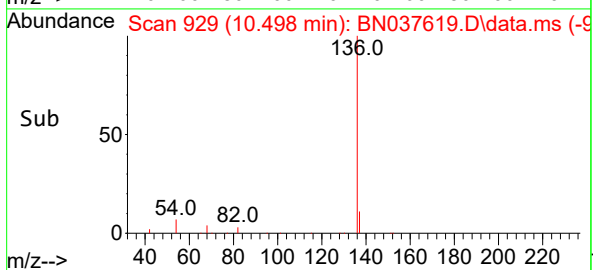
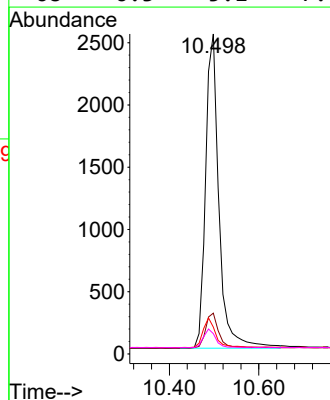
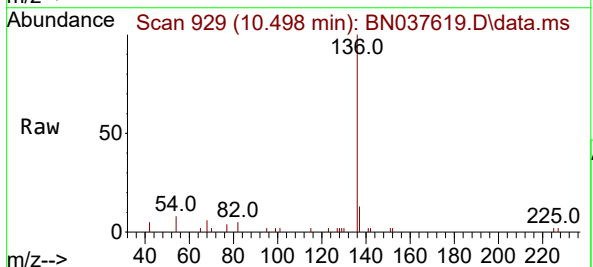
Instrument :
BNA_N
ClientSampleId :
PB169286BL

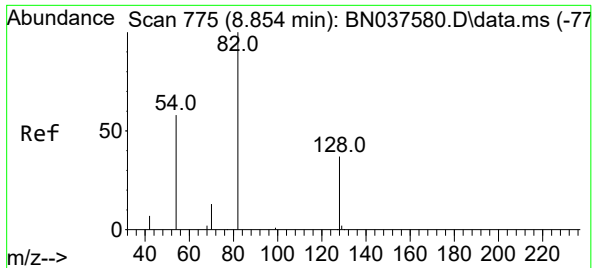
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.5	27.7
71	35.5	28.6	42.8



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

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

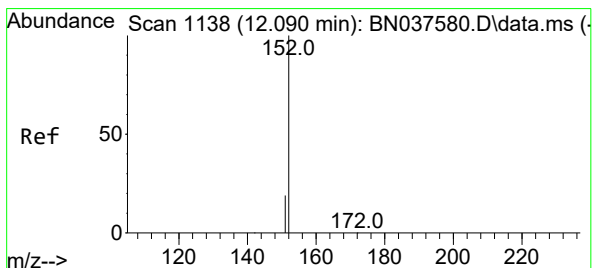
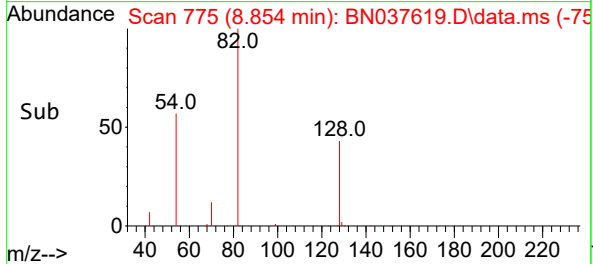
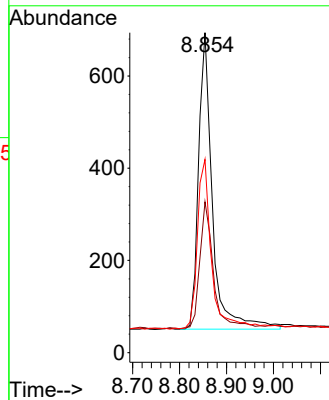
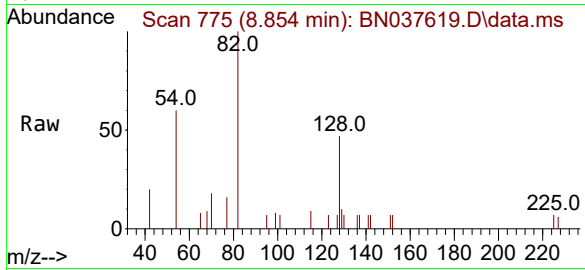




#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

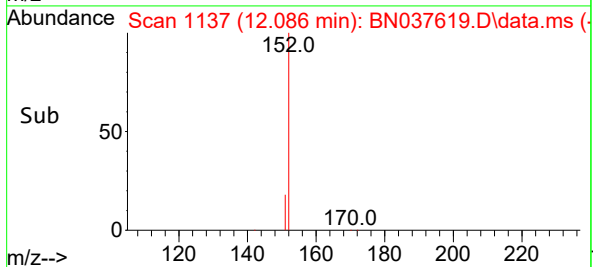
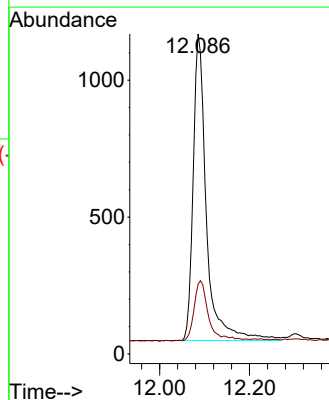
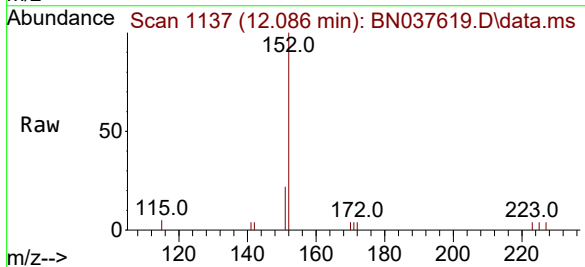
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BNA_N
ClientSampleId :
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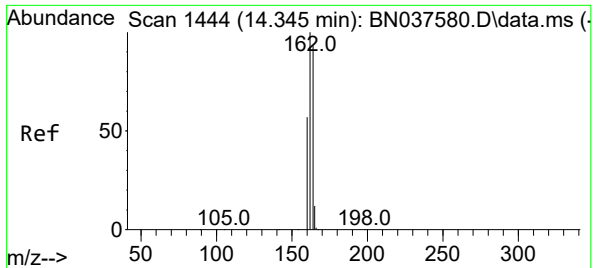
Tgt Ion: 82 Resp: 1323
Ion Ratio Lower Upper
82 100
128 47.1 32.6 48.8
54 60.4 48.9 73.3



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

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

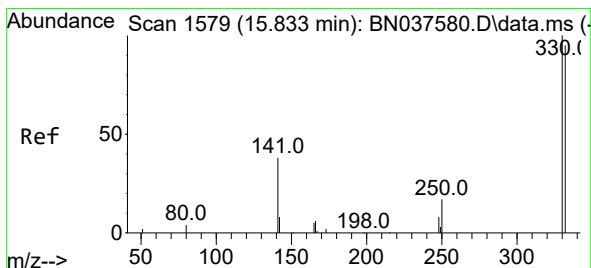
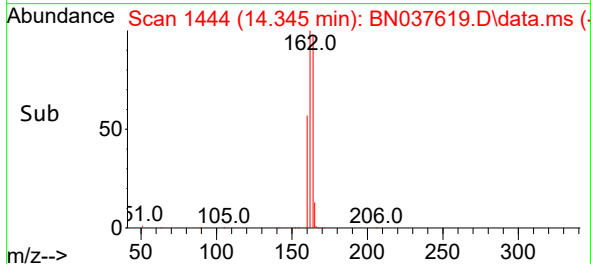
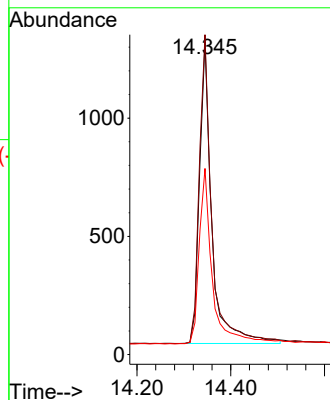
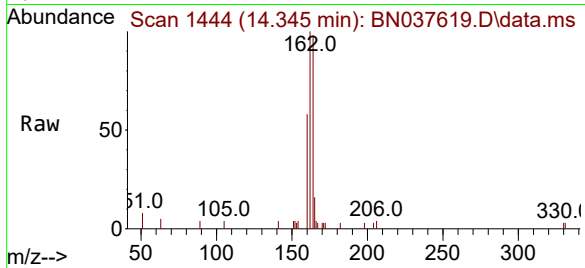




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

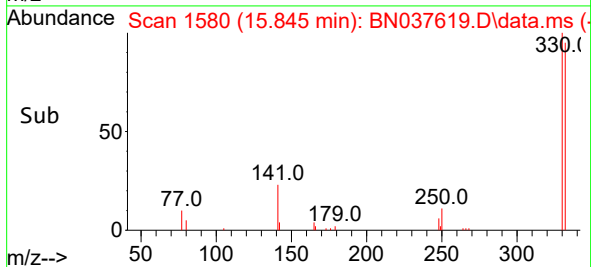
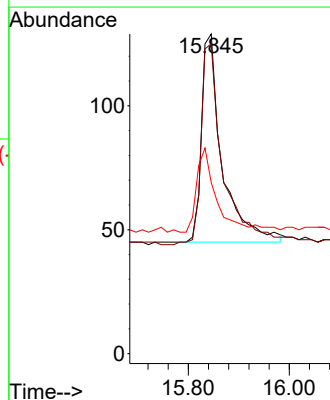
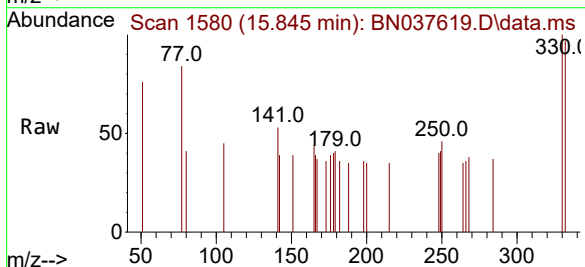
Instrument :
BNA_N
ClientSampleId :
PB169286BL

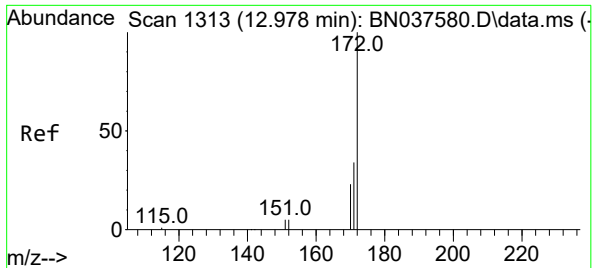
Tgt Ion:164 Resp: 2344
Ion Ratio Lower Upper
164 100
162 102.2 85.5 128.3
160 59.4 49.5 74.3



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

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

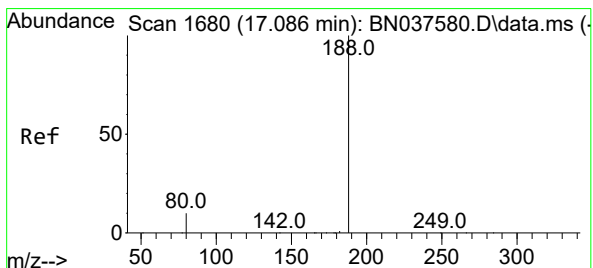
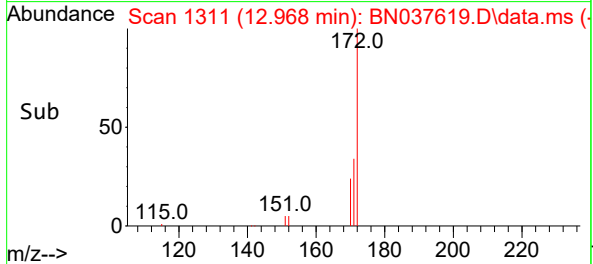
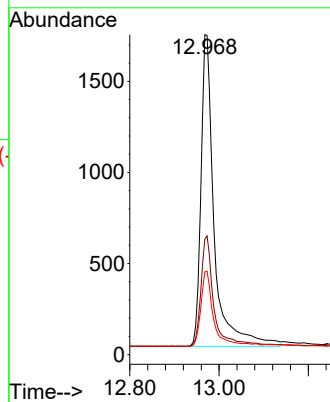
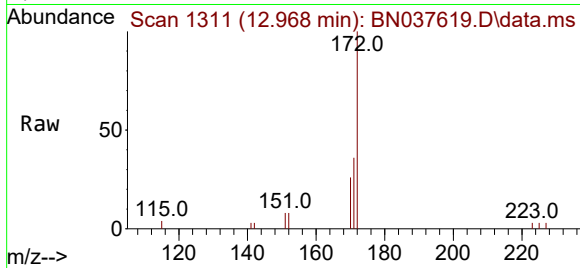




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

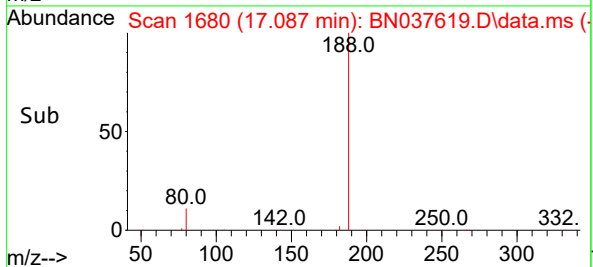
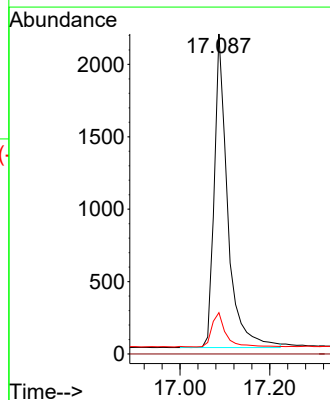
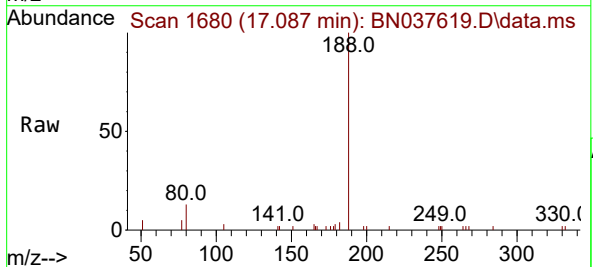
Instrument :
BNA_N
ClientSampleId :
PB169286BL

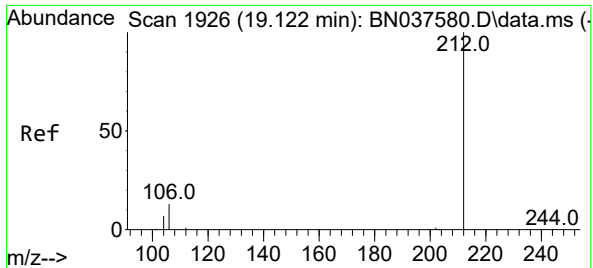
Tgt Ion:	172	Resp:	4692
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	25.9	19.2	28.8



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

Tgt Ion:	188	Resp:	4466
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	9.1	13.7





#27

Fluoranthene-d10

Concen: 0.331 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.004 min

Lab File: BN037619.D

Acq: 20 Aug 2025 04:50

Instrument :

BNA_N

ClientSampleId :

PB169286BL

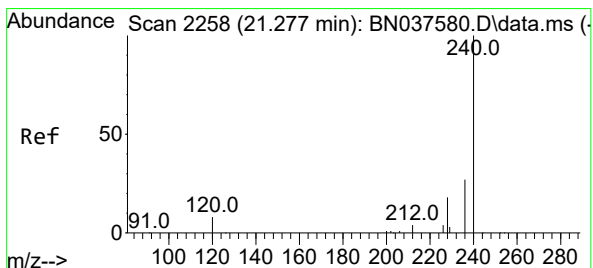
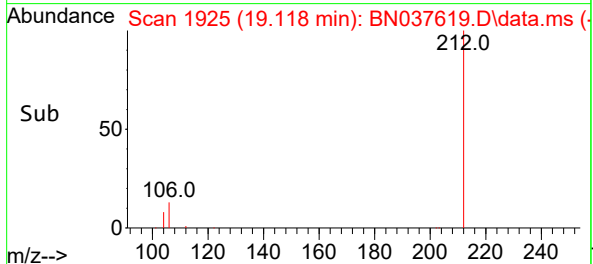
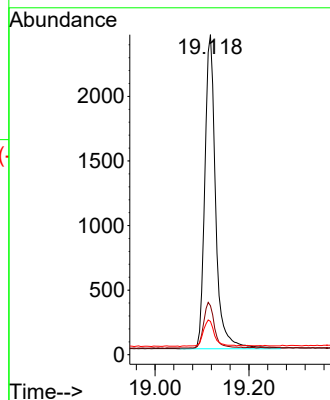
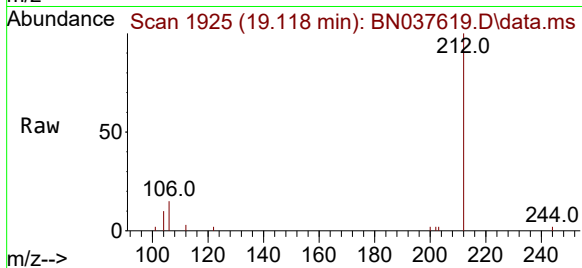
Tgt Ion:212 Resp: 3886

Ion Ratio Lower Upper

212 100

106 14.4 11.5 17.3

104 9.3 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 2257

Delta R.T. -0.009 min

Lab File: BN037619.D

Acq: 20 Aug 2025 04:50

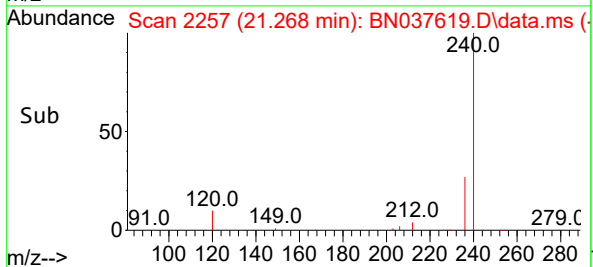
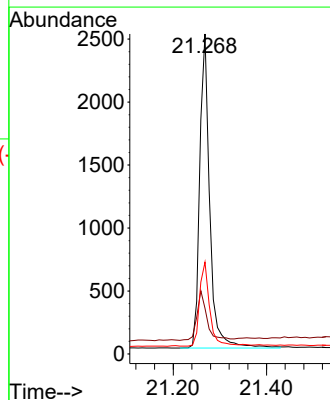
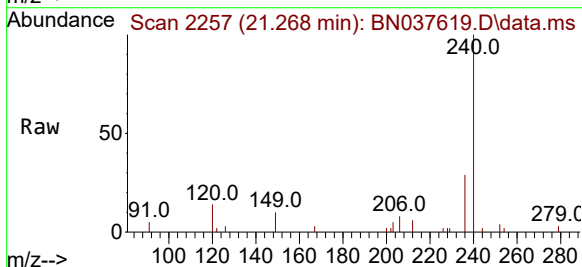
Tgt Ion:240 Resp: 3733

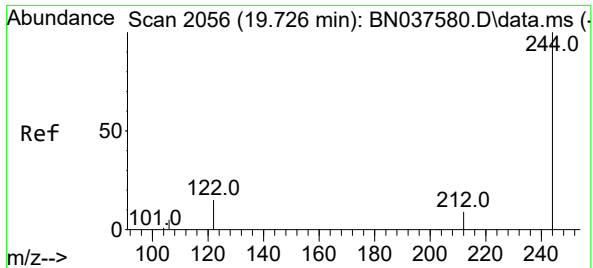
Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3#

236 28.7 22.6 33.8

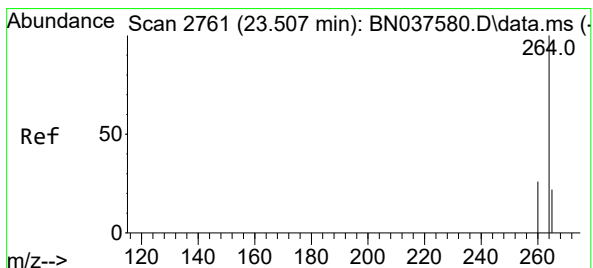
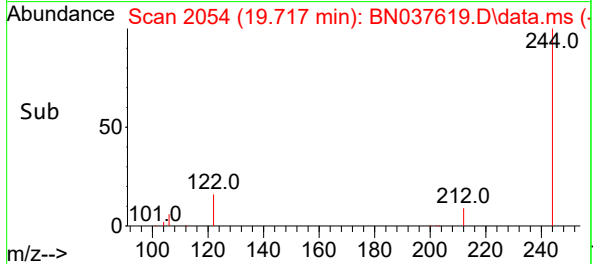
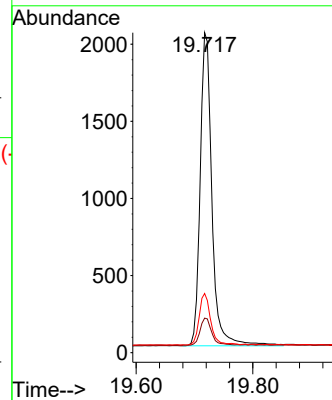
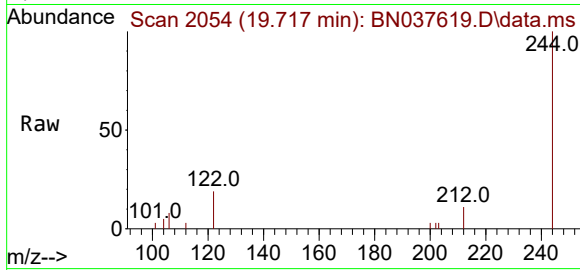




#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037619.D
Acq: 20 Aug 2025 04:50

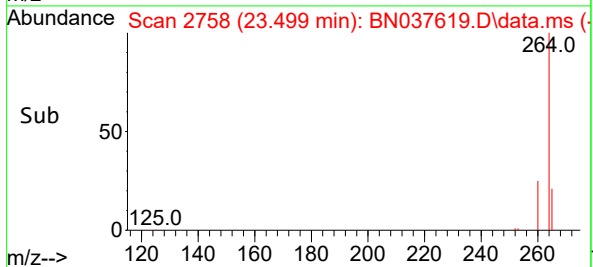
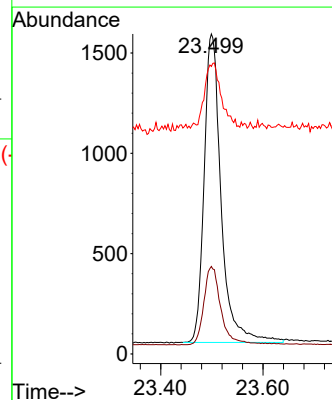
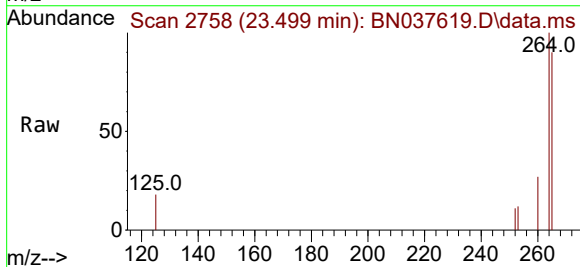
Instrument :
BNA_N
ClientSampleId :
PB169286BL

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



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

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



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

Instrument :
 BNA_N
 ClientSampleId :
 PB169286BS

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

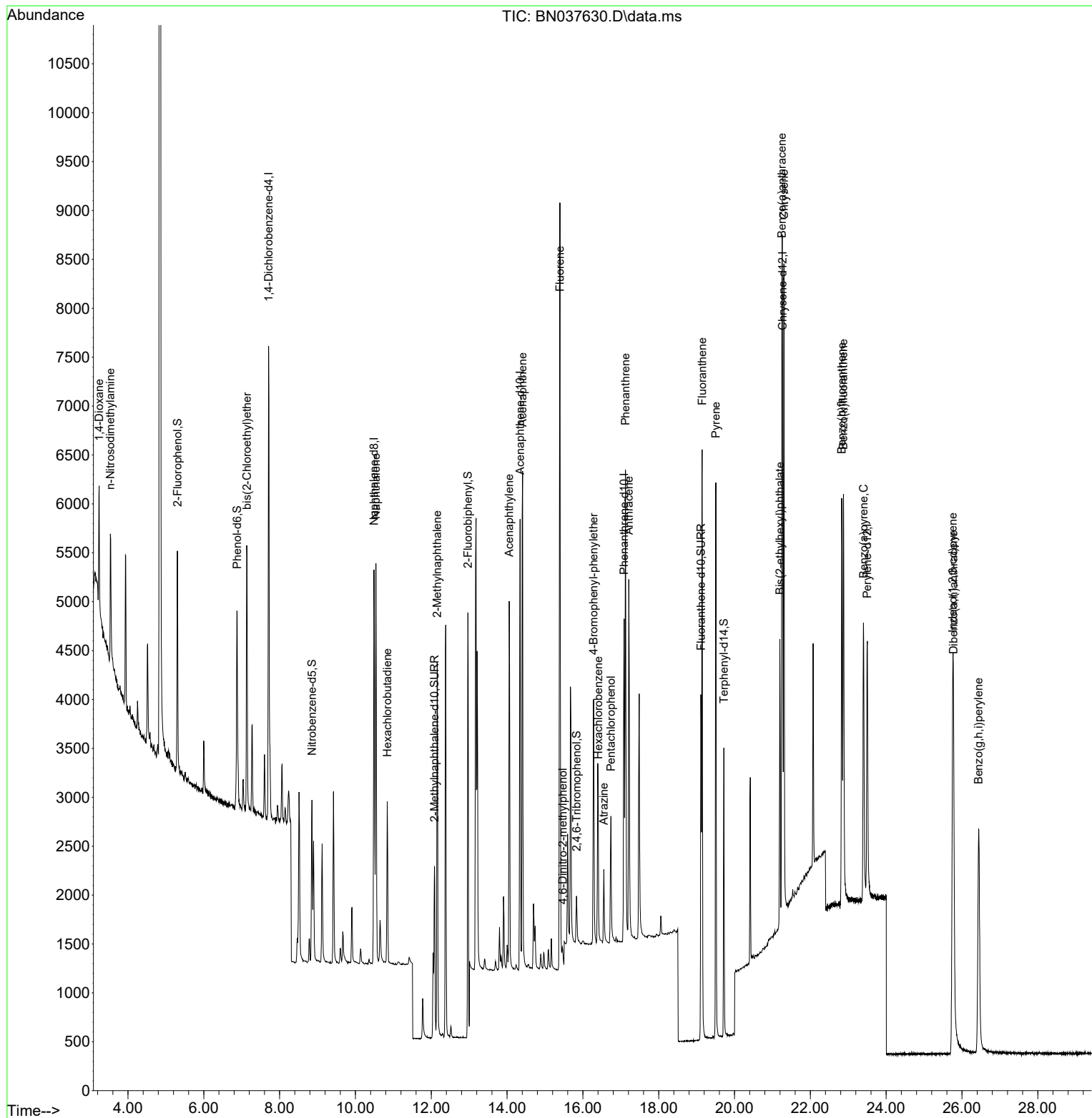
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2389	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	5616	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2629	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5040	0.400	ng	0.00
29) Chrysene-d12	21.268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

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

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

Instrument :
BNA_N
ClientSampleId :
PB169286BS

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



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

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

Manual Integrations APPROVED

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

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

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

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

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

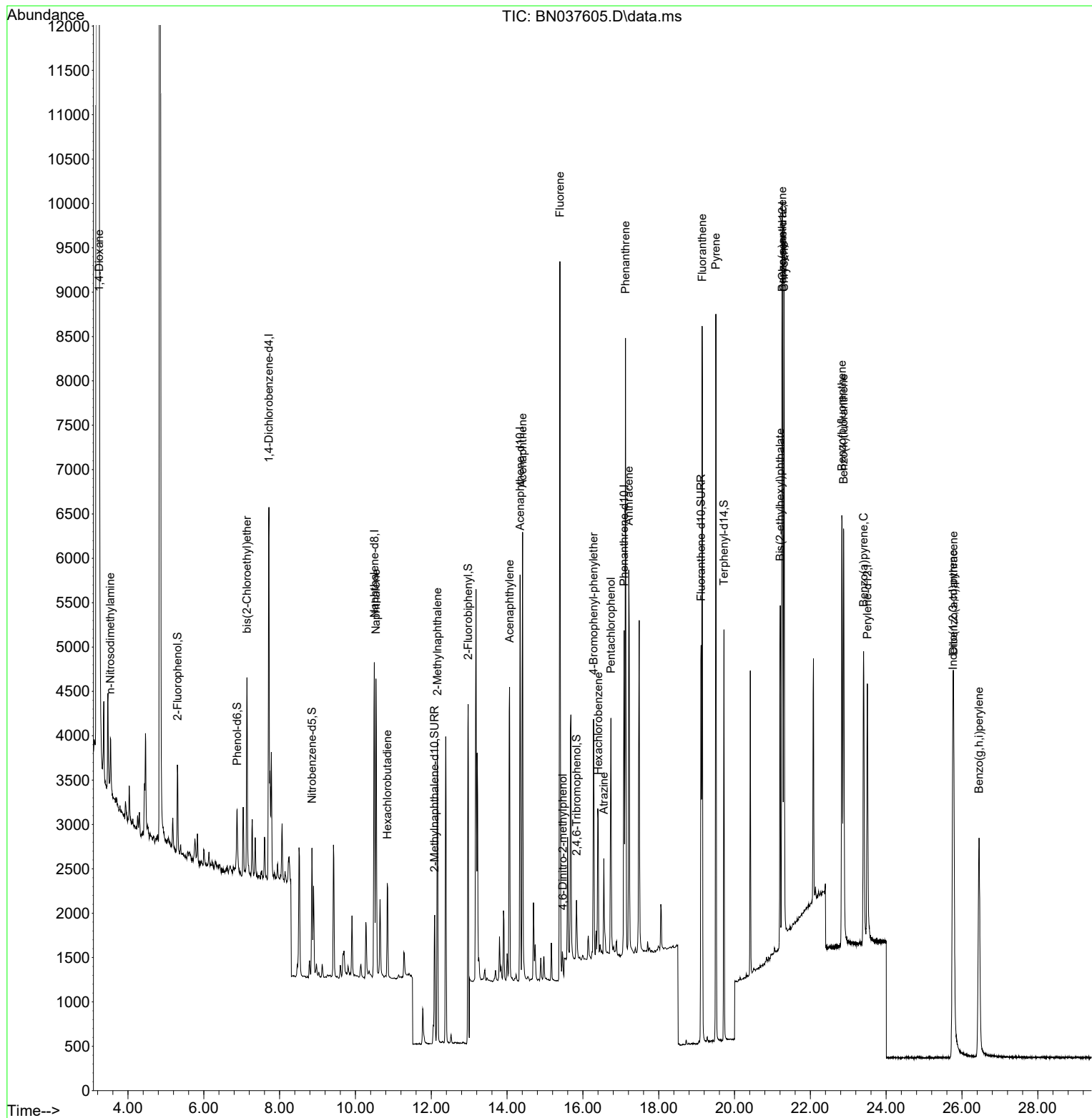
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037605.D
Acq On : 19 Aug 2025 13:40
Operator : RC/JU
Sample : Q2842-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

Manual Integrations
APPROVED

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



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

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

Manual Integrations APPROVED

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

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

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

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

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

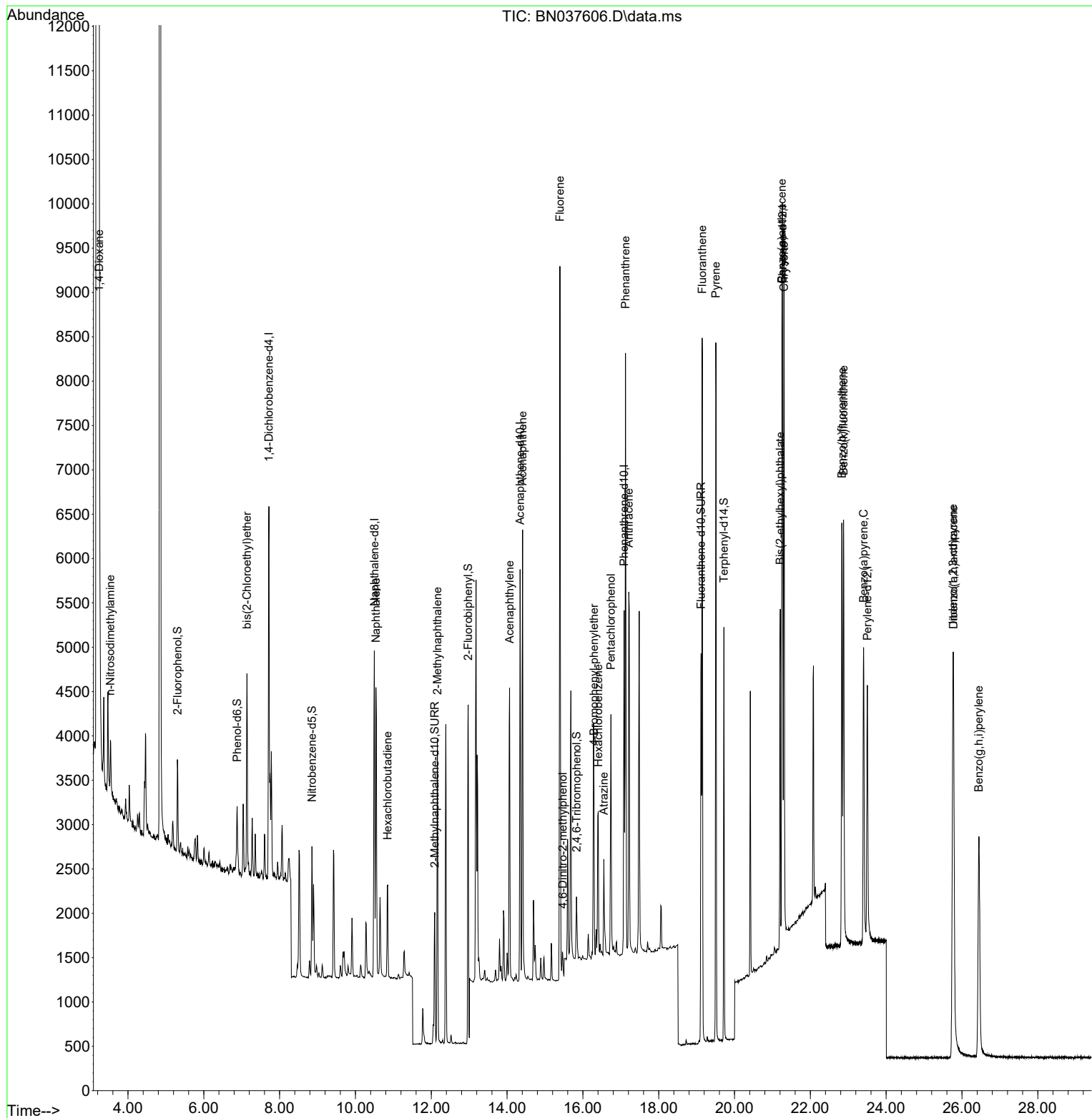
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037606.D
 Acq On : 19 Aug 2025 14:17
 Operator : RC/JU
 Sample : Q2842-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

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





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

Manual Integration Report

Sequence:

BN081225

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

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

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

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

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

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

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

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

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

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

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

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081225

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

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

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

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

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

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN081925

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

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

M : Manual Integration

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

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

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

Extraction Conformance/Non-Conformance Comments:

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

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

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

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

Concentration Date: 08/18/2025

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

6/18/25
8:36 AM

WORKLIST(Hardcopy Internal Chain)

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

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

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

A
B
C
D
E
F
G
H
I
J
K

LAB CHRONICLE

OrderID:	Q2878	OrderDate:	8/14/2025 3:49:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2878-01	MW-18B-57.5-081325	Water	SVOC-SIMGroup1	8270-Modified	08/13/25	08/18/25	08/19/25	08/14/25
Q2878-05	MW-11A-37.5-081425	Water	SVOC-SIMGroup1	8270-Modified	08/14/25	08/18/25	08/19/25	08/14/25
Q2878-05DL	MW-11A-37.5-081425 DL	Water	SVOC-SIMGroup1	8270-Modified	08/14/25	08/18/25	08/20/25	08/14/25