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Hit Summary Sheet SW-846

SDG No.: Q3813
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BR-04DR-451-120825						
Q3813-01	BR-04DR-451-120825	WATER	1,4-Dioxane	2.000	0.07	0.2	ug/L
			Total Svoc :		2.00		
			Total Concentration:		2.00		



SAMPLE DATA

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected: 12/08/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/08/25	
Client Sample ID: BR-04DR-451-120825	SDG No.: Q3813	
Lab Sample ID: Q3813-01	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 990 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	2.00		1	0.070	0.20	ug/L	12/12/25 11:12	PB170912
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.25			30 (47) - 150 (106)	63%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.30			30 (56) - 130 (116)	74%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.27			30 (50) - 130 (126)	68%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.42			30 (54) - 130 (175)	106%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5530							
1146-65-2	Naphthalene-d8	14900							
15067-26-2	Acenaphthene-d10	8210							
1517-22-2	Phenanthrene-d10	16000							
1719-03-5	Chrysene-d12	12700							
1520-96-3	Perylene-d12	12500							

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: 12/08/25	
Project: Former Schlumberger STC PTC Site D3868221	Date Received: 12/08/25	
Client Sample ID: EB01-120825	SDG No.: Q3813	
Lab Sample ID: Q3813-03	Matrix: Water	
Analytical Method: SW8270ESIM Level: LOW	% Solid: 0	
Sample Wt/Vol: 910 mL Final Vol: 1000 uL	Test: SVOC-SIMGroup1	
Prep Method : 3510C Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.22	ug/L	12/12/25 11:49	PB170912
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.27			30 (47) - 150 (106)	68%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.33			30 (56) - 130 (116)	83%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.29			30 (50) - 130 (126)	73%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	108%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6000							
1146-65-2	Naphthalene-d8	15600							
15067-26-2	Acenaphthene-d10	8460							
1517-22-2	Phenanthrene-d10	16000							
1719-03-5	Chrysene-d12	12300							
1520-96-3	Perylene-d12	12300							

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

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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.: Q3813

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170912BL	PB170912BL	2-Methylnaphthalene-d10	0.4	0.36	90		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	98		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.38	96		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	107		30 (54)	130 (175)
PB170912BS	PB170912BS	2-Methylnaphthalene-d10	0.4	0.36	91		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.33	82		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.43	108		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
PB170912BSD	PB170912BSD	2-Methylnaphthalene-d10	0.4	0.38	95		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.34	84		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.42	106		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.40	100		30 (54)	130 (175)
Q3813-01	BR-04DR-451-120825	2-Methylnaphthalene-d10	0.4	0.25	63		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	74		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.27	68		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.42	106		30 (54)	130 (175)
Q3813-03	EB01-120825	2-Methylnaphthalene-d10	0.4	0.27	68		30 (47)	150 (106)
		Fluoranthene-d10	0.4	0.36	90		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.33	83		30 (56)	130 (116)
		2-Fluorobiphenyl	0.4	0.29	73		30 (50)	130 (126)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3813

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN038357.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170912BS	1,4-Dioxane	0.4	0.29	ug/L	73				20 (65)	160 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3813

Analytical Method: 8270-Modified

Client: JACOBS Engineering Group, Inc.

DataFile: BN038358.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170912BSD	1,4-Dioxane	0.4	0.29	ug/L	73	0			20 (65)	160 (116)	20 (27)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170912BL

Lab Name: Alliance

Contract: JAC005

Lab Code: ACE

SDG NO.: Q3813

Lab File ID: BN038344.D

Lab Sample ID: PB170912BL

Instrument ID: BNA_N

Date Extracted: 12/11/2025

Matrix: (soil/water) Water

Date Analyzed: 12/12/2025

Level: (low/med) LOW

Time Analyzed: 10:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170912BS	PB170912BS	BN038357.D	12/12/2025
BR-04DR-451-120825	Q3813-01	BN038346.D	12/12/2025
EB01-120825	Q3813-03	BN038347.D	12/12/2025
PB170912BSD	PB170912BSD	BN038358.D	12/12/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038297.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3813
DFTPP Injection Date: 12/10/2025
DFTPP Injection Time: 09:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.2
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	6.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.6
443	15.0 - 24.0% of mass 442	16.9 (18.2) 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	BN038298.D	12/10/2025	09:52
SSTDICC0.2	SSTDICC0.2	BN038299.D	12/10/2025	10:28
SSTDICCC0.4	SSTDICCC0.4	BN038300.D	12/10/2025	11:05
SSTDICC0.8	SSTDICC0.8	BN038301.D	12/10/2025	11:41
SSTDICC1.6	SSTDICC1.6	BN038302.D	12/10/2025	12:17
SSTDICC3.2	SSTDICC3.2	BN038303.D	12/10/2025	12:53
SSTDICC5.0	SSTDICC5.0	BN038304.D	12/10/2025	13:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BN038342.D
Instrument ID: BNA_N

Contract: JAC005
SDG NO.: Q3813
DFTPP Injection Date: 12/12/2025
DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	41.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	87.1
443	15.0 - 24.0% of mass 442	15.3 (17.6) 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	BN038343.D	12/12/2025	09:24
PB170912BL	PB170912BL	BN038344.D	12/12/2025	10:00
BR-04DR-451-120825	Q3813-01	BN038346.D	12/12/2025	11:12
EB01-120825	Q3813-03	BN038347.D	12/12/2025	11:49
PB170912BS	PB170912BS	BN038357.D	12/12/2025	18:27
PB170912BSD	PB170912BSD	BN038358.D	12/12/2025	19:03

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3813

Client ID : SSTDCCC0.4

Date Analyzed: 12/12/2025

Lab File ID: BN038343.D

Time Analyzed: 09:24

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	5196	7.724	14288	10.52	7596	14.39
UPPER LIMIT	10392	8.224	28576	11.019	15192	14.887
LOWER LIMIT	2598	7.224	7144	10.019	3798	13.887
EPA SAMPLE NO.						
01 PB170912BL	6576	7.72	16790	10.52	8053	14.39
02 BR-04DR-451-120825	5531	7.72	14873	10.52	8212	14.39
03 EB01-120825	6003	7.72	15645	10.52	8460	14.39
04 PB170912BS	6159	7.72	16009	10.52	7792	14.39
05 PB170912BSD	5504	7.72	14243	10.52	6818	14.39

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.: Q3813

Client ID: SSTDCCC0.4

Date Analyzed: 12/12/2025

Lab File ID: BN038343.D

Time Analyzed: 09:24

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	14177	17.148	11670	21.339	12444	23.633
UPPER LIMIT	28354	17.648	23340	21.839	24888	24.133
LOWER LIMIT	7088.5	16.648	5835	20.839	6222	23.133
EPA SAMPLE NO.						
01 PB170912BL	12820	17.15	8612	21.34	9324	23.63
02 BR-04DR-451-120825	16033	17.15	12704	21.34	12519	23.63
03 EB01-120825	16049	17.15	12341	21.34	12255	23.63
04 PB170912BS	13155	17.15	8480	21.34	8947	23.63
05 PB170912BSD	11665	17.15	8305	21.34	8801	23.62

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: PB170912BL	SDG No.:	Q3813
Lab Sample ID: PB170912BL	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	12/12/25 10:00	PB170912
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	90%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	86%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (56) - 130 (116)	98%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.38			30 (50) - 130 (126)	96%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	107%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6580							
1146-65-2	Naphthalene-d8	16800							
15067-26-2	Acenaphthene-d10	8050							
1517-22-2	Phenanthrene-d10	12800							
1719-03-5	Chrysene-d12	8610							
1520-96-3	Perylene-d12	9320							

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected:	
Project: Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID: PB170912BS	SDG No.:	Q3813
Lab Sample ID: PB170912BS	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.29		1	0.070	0.20	ug/L	12/12/25 18:27	PB170912
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (47) - 150 (106)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.33			30 (54) - 150 (157)	82%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (56) - 130 (116)	97%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.43			30 (50) - 130 (126)	108%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.43			30 (54) - 130 (175)	108%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	6160							
1146-65-2	Naphthalene-d8	16000							
15067-26-2	Acenaphthene-d10	7790							
1517-22-2	Phenanthrene-d10	13200							
1719-03-5	Chrysene-d12	8480							
1520-96-3	Perylene-d12	8950							

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Report of Analysis

Client: JACOBS Engineering Group, Inc.	Date Collected:	
Project: Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID: PB170912BSD	SDG No.:	Q3813
Lab Sample ID: PB170912BSD	Matrix:	Water
Analytical Method: SW8270ESIM Level: LOW	% Solid:	0
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method : 3510C Prep Date: 12/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.29		1	0.070	0.20	ug/L	12/12/25 19:03	PB170912
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.38			30 (47) - 150 (106)	95%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.34			30 (54) - 150 (157)	84%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.39			30 (56) - 130 (116)	97%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.42			30 (50) - 130 (126)	106%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.40			30 (54) - 130 (175)	100%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	5500							
1146-65-2	Naphthalene-d8	14200							
15067-26-2	Acenaphthene-d10	6820							
1517-22-2	Phenanthrene-d10	11700							
1719-03-5	Chrysene-d12	8310							
1520-96-3	Perylene-d12	8800							

U = Not Detected

LOQ = Limit of Quantitation

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CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN121025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 10 13:56:50 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN038298.D 0.2 =BN038299.D 0.4 =BN038300.D 0.8 =BN038301.D 1.6 =BN038302.D 3.2 =BN038303.D 5 =BN038304.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	0.506	0.465	0.443	0.442	0.456	0.440	0.459		5.48
3)	n-Nitrosodimet...	0.568	0.572	0.568	0.577	0.590	0.574	0.575		1.42
4) S	2-Fluorophenol	0.954	1.034	0.988	0.981	0.978	1.020	1.019	0.996	2.88
5) S	Phenol-d6	1.098	1.157	1.151	1.158	1.186	1.263	1.277	1.184	5.44
6)	bis(2-Chloroet...	1.156	1.171	1.166	1.149	1.144	1.176	1.147	1.158	1.10
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.325	0.324	0.329	0.332	0.334	0.358	0.359	0.337	4.38
9)	Naphthalene	1.174	1.185	1.168	1.155	1.159	1.231	1.205	1.182	2.30
10)	Hexachlorobuta...	0.218	0.213	0.210	0.207	0.205	0.212	0.206	0.210	2.24
11) SURR	2-Methylnaphth...	0.543	0.548	0.549	0.554	0.559	0.598	0.599	0.564	4.23
12)	2-Methylnaphth...	0.722	0.735	0.731	0.737	0.747	0.794	0.789	0.751	3.85
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.167	0.163	0.167	0.169	0.175	0.197	0.205	0.177	9.30
15) S	2-Fluorobiphenyl	1.940	1.951	1.974	1.838	1.897	2.070	1.819	1.927	4.45
16)	Acenaphthylene	1.890	1.885	1.903	1.918	1.931	2.131	2.092	1.964	5.21
17)	Acenaphthene	1.311	1.329	1.342	1.351	1.358	1.460	1.430	1.369	4.01
18)	Fluorene	1.790	1.706	1.707	1.735	1.727	1.858	1.802	1.761	3.24
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.054	0.057	0.064	0.069	0.085		0.066		18.62
21)	4-Bromophenyl-...	0.288	0.291	0.287	0.291	0.293	0.310	0.318	0.297	4.12
22)	Hexachlorobenzene	0.370	0.366	0.350	0.350	0.347	0.358	0.357	0.357	2.40
23)	Atrazine	0.184	0.196	0.190	0.197	0.200	0.221	0.229	0.202	8.11
24)	Pentachlorophenol	0.124	0.121	0.121	0.126	0.134	0.156	0.174	0.139	15.30
25)	Phenanthrene	1.412	1.373	1.363	1.350	1.353	1.439	1.456	1.392	3.12
26)	Anthracene	1.149	1.119	1.141	1.184	1.186	1.300	1.323	1.200	6.67
27) SURR	Fluoranthene-d10	0.928	0.947	0.984	0.983	0.984	1.045	1.053	0.989	4.66
28)	Fluoranthene	1.419	1.413	1.459	1.466	1.473	1.562	1.566	1.480	4.17
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	2.038	1.968	1.920	1.909	1.890	2.022	2.037	1.969	3.25
31) S	Terphenyl-d14	0.913	0.917	0.881	0.879	0.863	0.893	0.903	0.893	2.20
32)	Benzo(a)anthra...	1.476	1.537	1.479	1.501	1.513	1.638	1.672	1.545	5.08
33)	Chrysene	1.653	1.712	1.721	1.709	1.674	1.745	1.697	1.701	1.79
34)	Bis(2-ethylhex...	1.002	0.845	0.779	0.754	0.828	0.879	0.848		10.38
35) I	Perylene-d12	-----ISTD-----								

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

Method File : 8270-SIM-BN121025.M

36)	Indeno(1,2,3-c...	1.813	2.040	2.122	2.116	2.115	2.321	2.330	2.123	8.27
37)	Benzo(b)fluora...	1.673	1.831	1.783	1.776	1.827	1.987	1.984	1.837	6.18
38)	Benzo(k)fluora...	1.597	1.793	1.796	1.812	1.823	2.006	1.994	1.832	7.57
39) C	Benzo(a)pyrene	1.355	1.459	1.469	1.459	1.479	1.640	1.663	1.503	7.27
40)	Dibenzo(a,h)an...	1.396	1.521	1.619	1.624	1.651	1.823	1.822	1.637	9.37
41)	Benzo(g,h,i)pe...	1.622	1.816	1.812	1.806	1.818	1.966	1.964	1.829	6.34

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: JAC005
 Lab Code: ACE SDG No.: Q3813
 Instrument ID: BNA_N Calibration Date/Time: 12/12/2025 09:24
 Lab File ID: BN038343.D Init. Calib. Date(s): 12/10/2025 12/10/2025
 EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 09:52 13:30
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.564	0.557		-1.2	20.0
Fluoranthene-d10	0.990	1.007		1.7	20.0
2-Fluorophenol	0.996	0.966		-3.0	20.0
Phenol-d6	1.184	1.162		-1.9	20.0
Nitrobenzene-d5	0.337	0.317		-5.9	20.0
2-Fluorobiphenyl	1.914	1.930		0.8	20.0
2,4,6-Tribromophenol	0.177	0.159		-10.2	20.0
Terphenyl-d14	0.893	0.853		-4.5	20.0
1,4-Dioxane	0.459	0.488		6.3	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038346.D
 Acq On : 12 Dec 2025 11:12
 Operator : RC/JU
 Sample : Q3813-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-120825

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 11:36:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

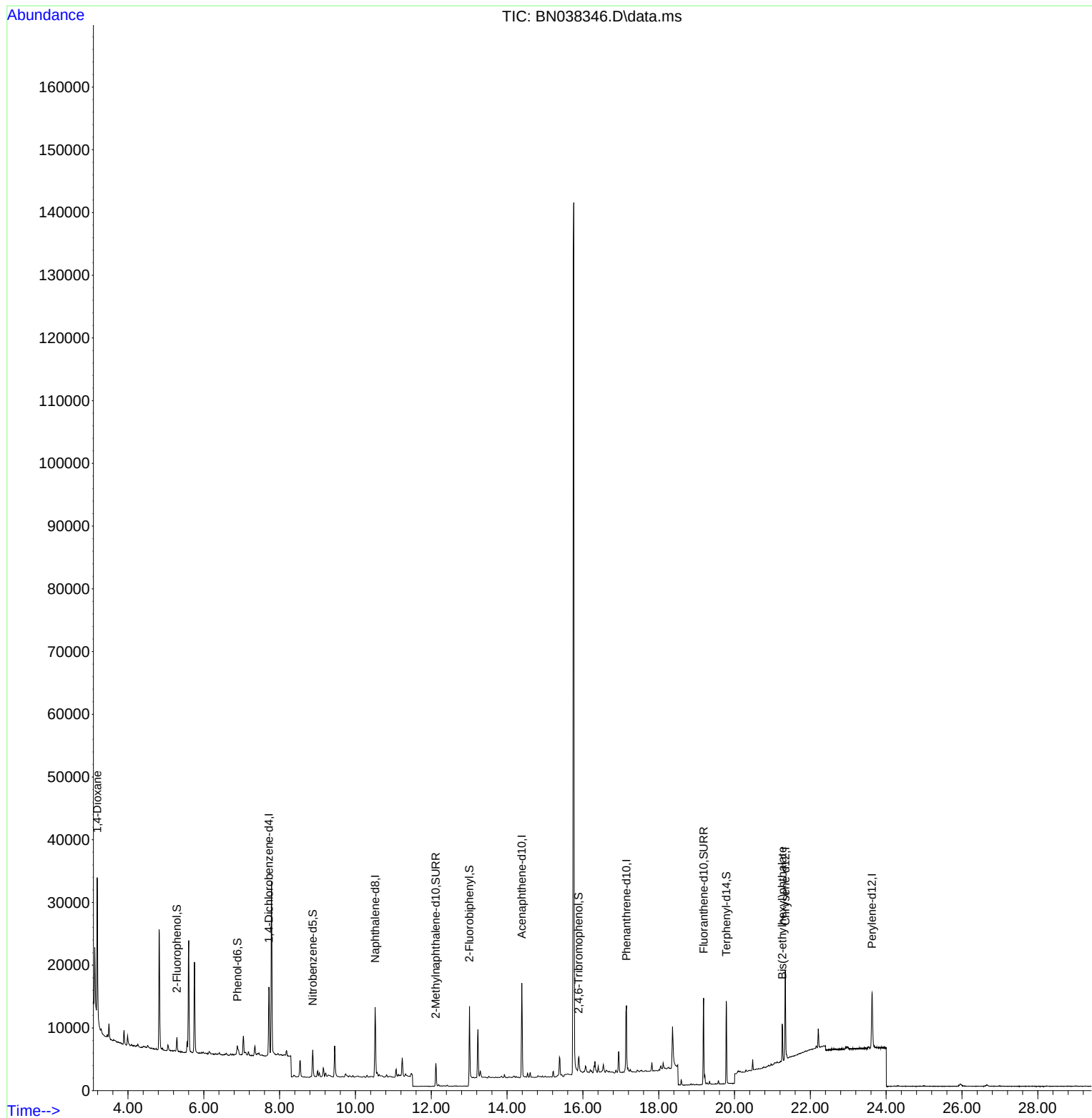
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5531	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14873	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	8212	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	16033	0.400	ng	0.00
29) Chrysene-d12	21.339	240	12704	0.400	ng	0.00
35) Perylene-d12	23.627	264	12519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1723	0.125	ng	0.00
5) Phenol-d6	6.886	99	1260	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	3707	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5241	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1180	0.324	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	10813	0.273	ng	0.00
27) Fluoranthene-d10	19.183	212	14269	0.360	ng	0.00
31) Terphenyl-d14	19.782	244	12001	0.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	12591	1.985	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.259	149	5763	0.214	ng	97

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

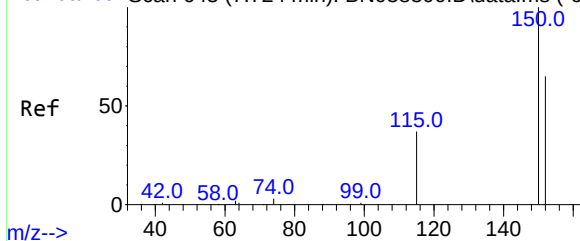
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038346.D
Acq On : 12 Dec 2025 11:12
Operator : RC/JU
Sample : Q3813-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

Quant Time: Dec 12 11:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



Abundance Scan 643 (7.724 min): BN038300.D\data.ms (-63)



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

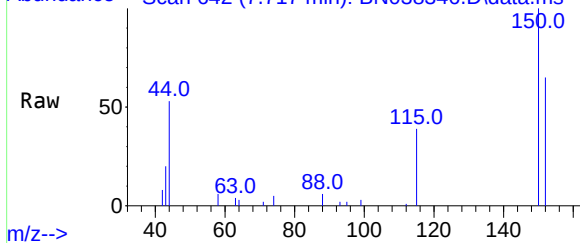
Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-120825

Abundance Scan 642 (7.717 min): BN038346.D\data.ms



Tgt Ion:152 Resp: 5531

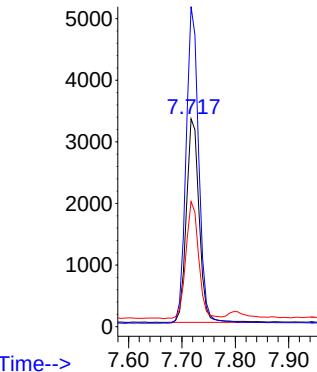
Ion Ratio Lower Upper

152 100

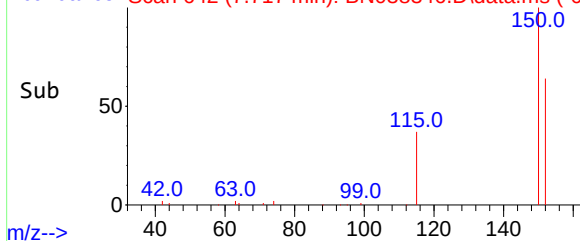
150 154.0 122.4 183.6

115 60.2 47.3 70.9

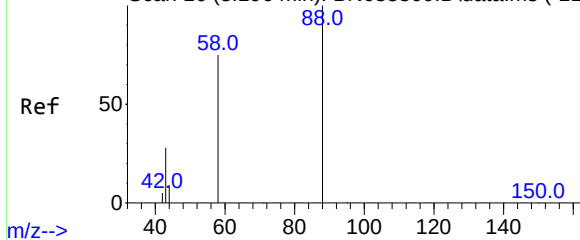
Abundance



Abundance Scan 642 (7.717 min): BN038346.D\data.ms (-61)



Abundance Scan 16 (3.196 min): BN038300.D\data.ms (-11)



#2

1,4-Dioxane

Concen: 1.985 ng

RT: 3.189 min Scan# 15

Delta R.T. -0.007 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Tgt Ion: 88 Resp: 12591

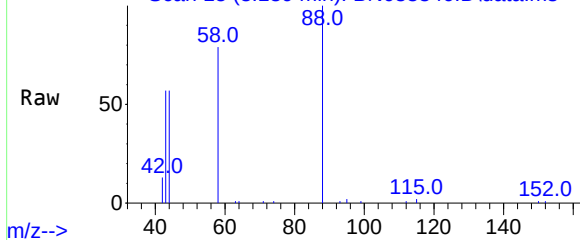
Ion Ratio Lower Upper

88 100

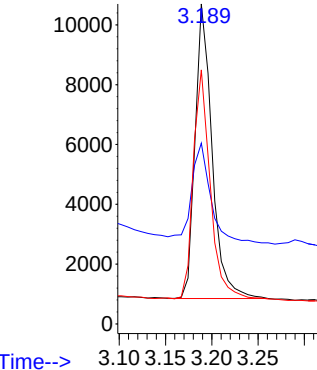
43 38.1 24.9 37.3

58 77.6 61.4 92.0

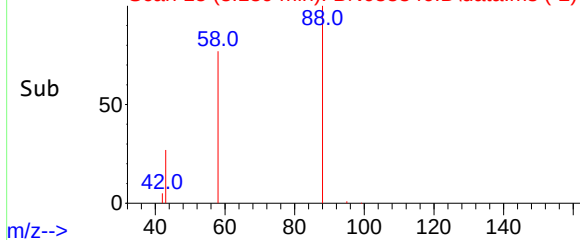
Abundance Scan 15 (3.189 min): BN038346.D\data.ms



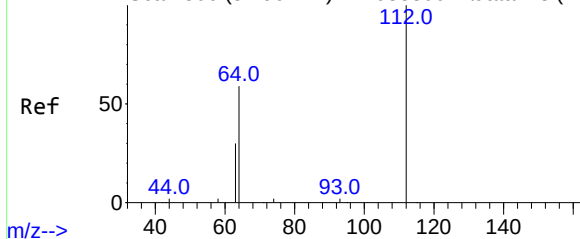
Abundance



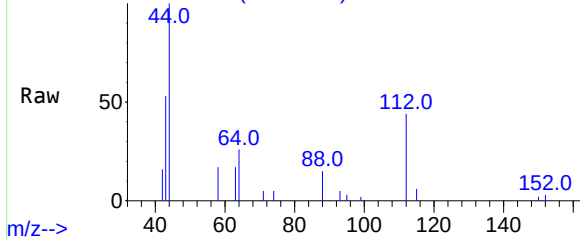
Abundance Scan 15 (3.189 min): BN038346.D\data.ms (-2)



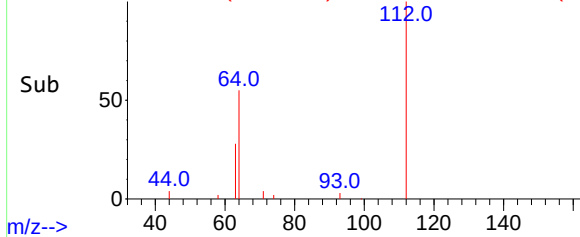
Abundance Scan 306 (5.290 min): BN038300.D\data.ms (-29



Abundance Scan 306 (5.290 min): BN038346.D\data.ms



Abundance Scan 306 (5.290 min): BN038346.D\data.ms (-27



#4

2-Fluorophenol

Concen: 0.125 ng

RT: 5.290 min Scan# 306

Delta R.T. -0.000 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-120825

Tgt Ion:112 Resp: 1723

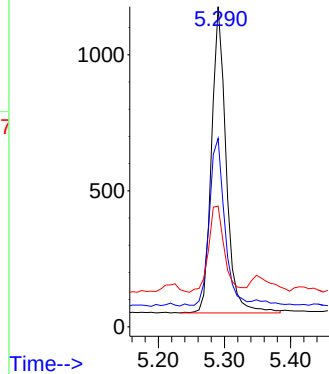
Ion Ratio Lower Upper

112 100

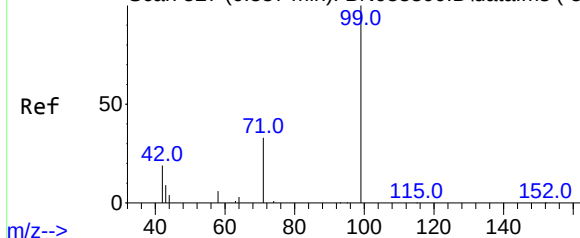
64 58.2 44.4 66.6

63 30.4 23.4 35.0

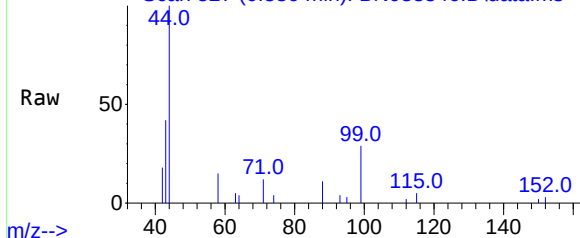
Abundance



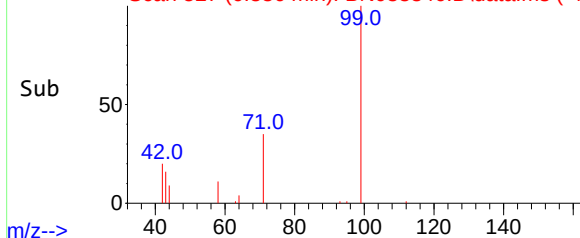
Abundance Scan 527 (6.887 min): BN038300.D\data.ms (-52



Abundance Scan 527 (6.886 min): BN038346.D\data.ms



Abundance Scan 527 (6.886 min): BN038346.D\data.ms (-49



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.886 min Scan# 527

Delta R.T. -0.000 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Tgt Ion: 99 Resp: 1260

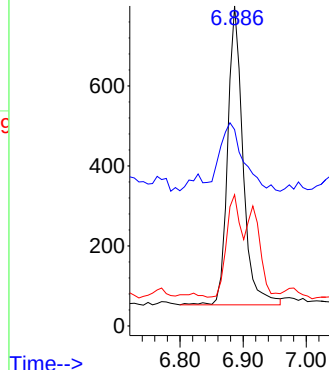
Ion Ratio Lower Upper

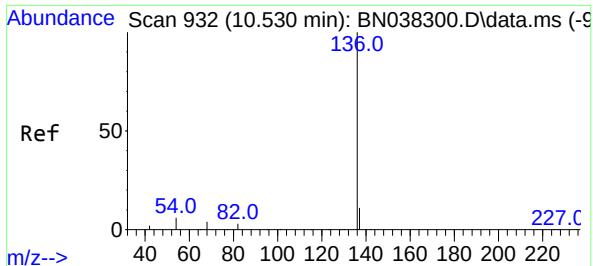
99 100

42 35.4 16.5 24.7#

71 34.4 24.9 37.3

Abundance

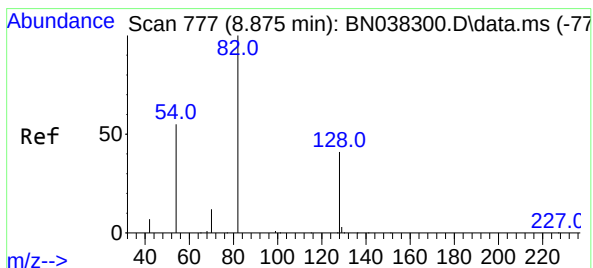
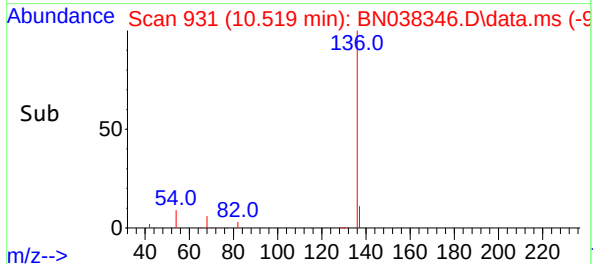
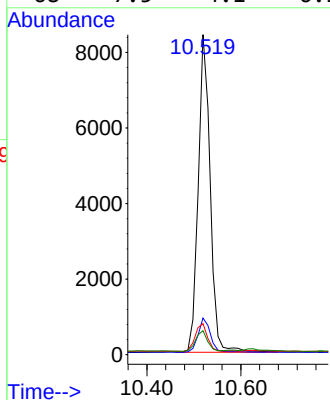
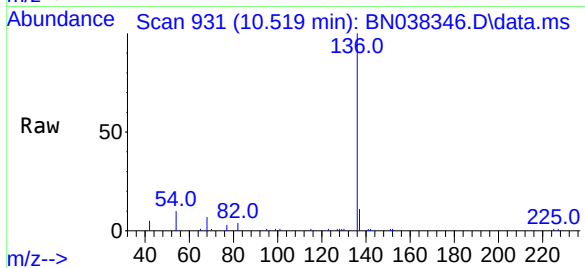




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

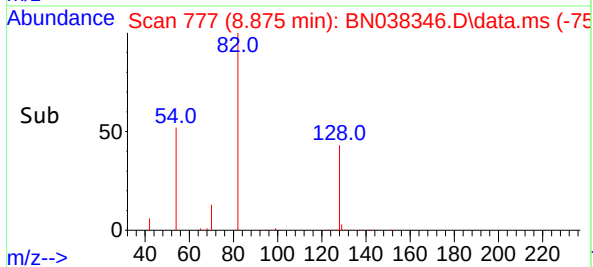
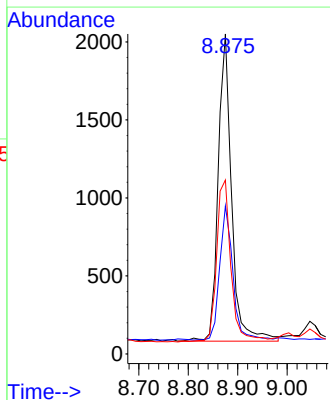
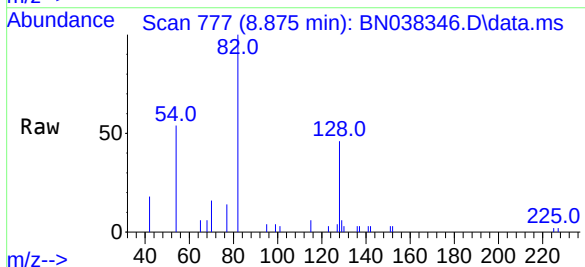
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

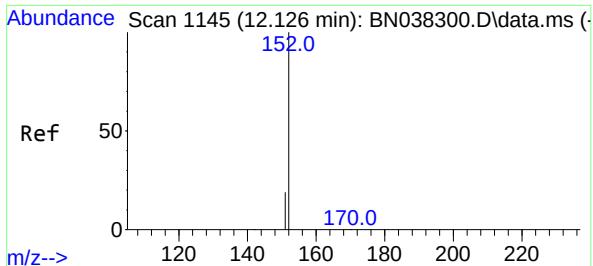
Tgt Ion:	136	Resp:	14873
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	5.2	7.8#
68	7.5	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion:	82	Resp:	3707
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	54.4	44.4	66.6

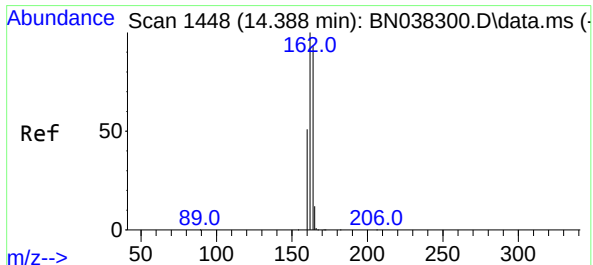
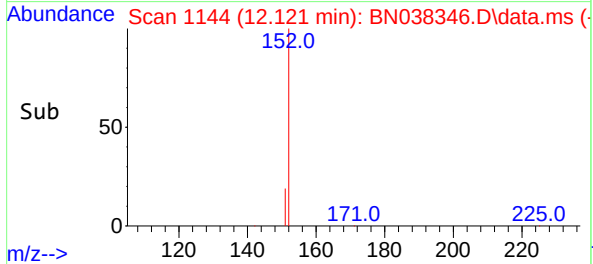
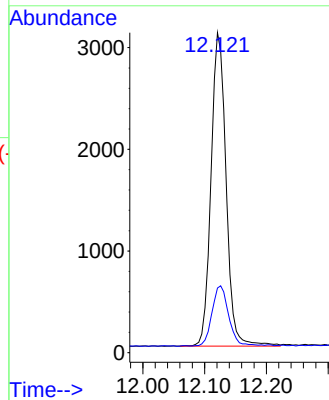
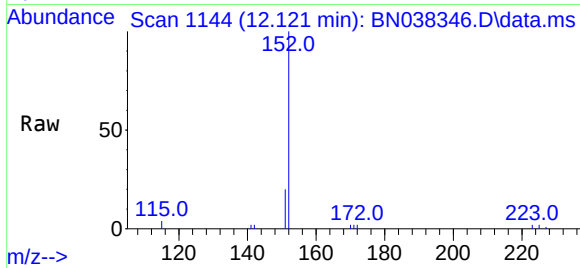




#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

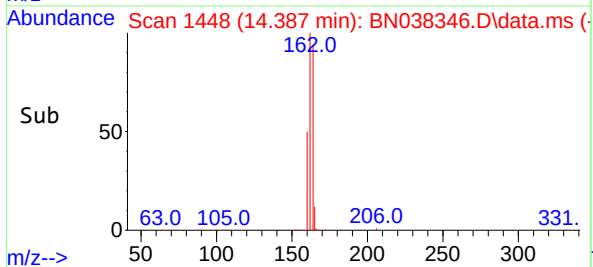
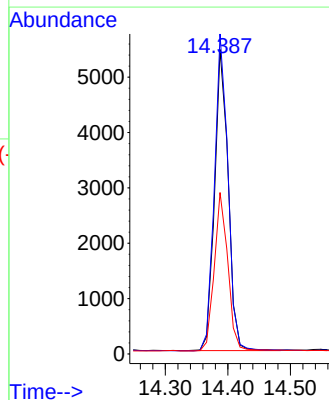
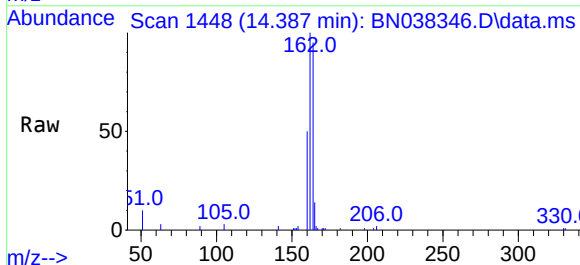
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

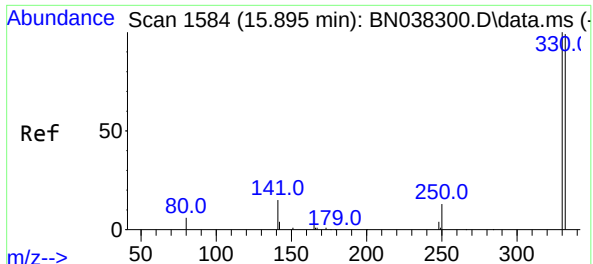
Tgt Ion:152 Resp: 5241
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

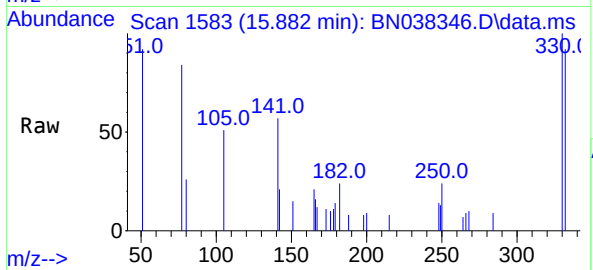
Tgt Ion:164 Resp: 8212
Ion Ratio Lower Upper
164 100
162 105.1 86.2 129.4
160 53.0 44.6 67.0



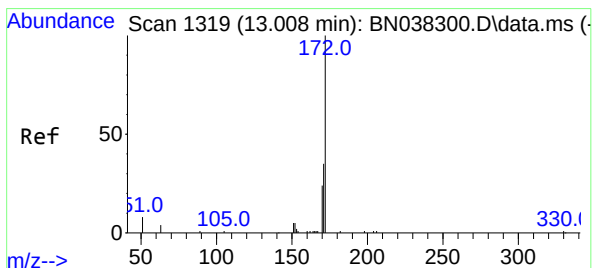
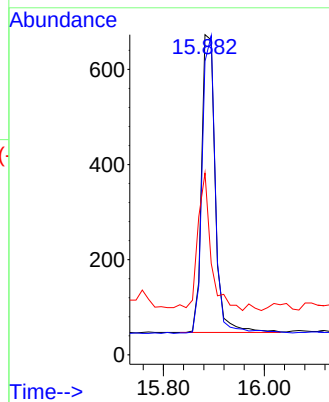
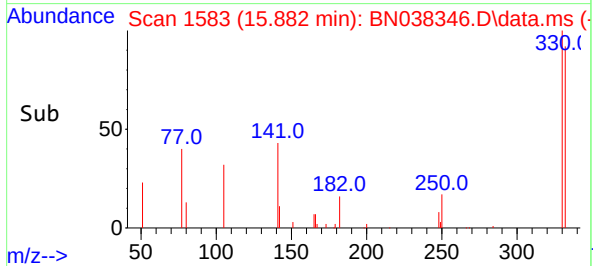


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.013 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

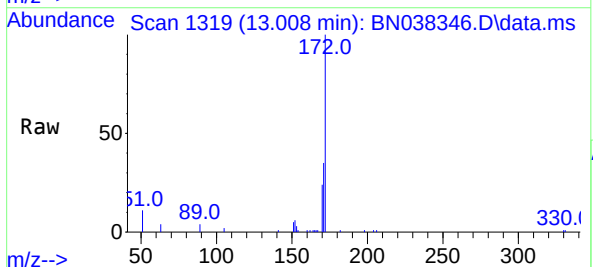
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825



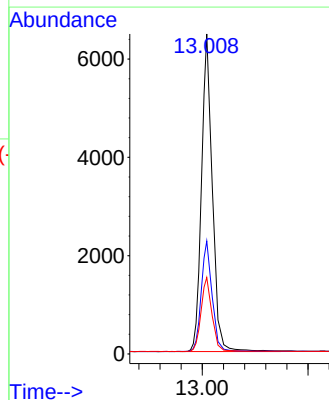
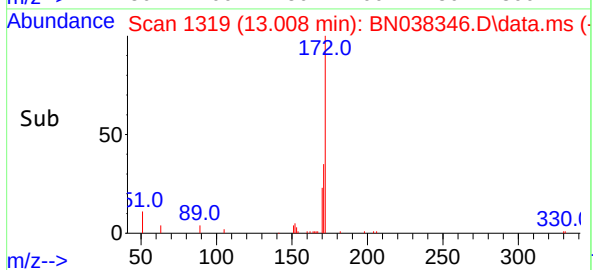
Tgt Ion:330 Resp: 1180
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 44.9 31.8 47.8

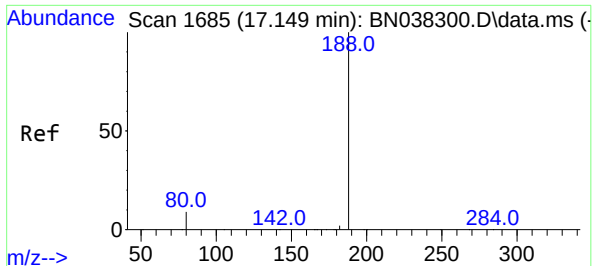


#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12



Tgt Ion:172 Resp: 10813
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-120825

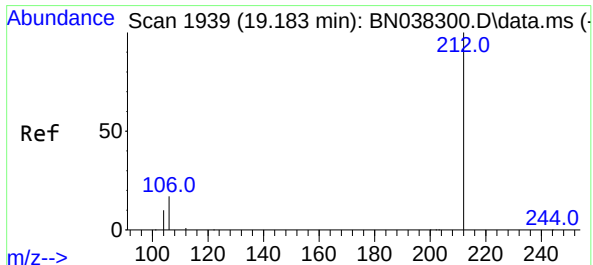
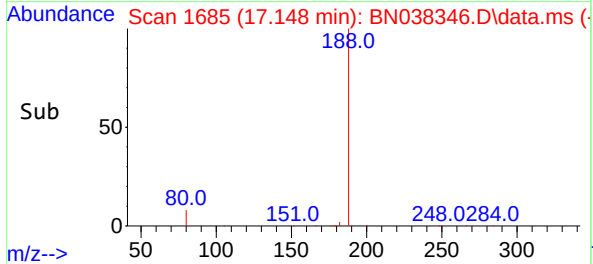
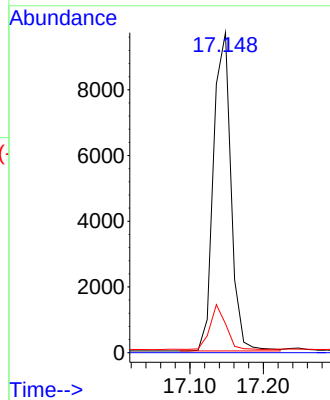
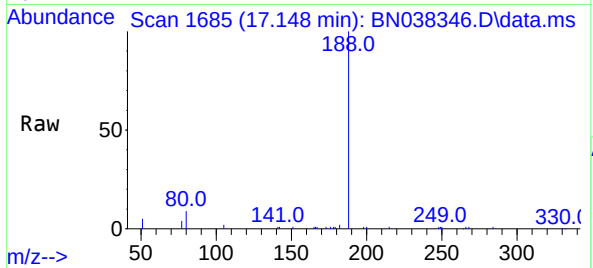
Tgt Ion:188 Resp: 16033

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

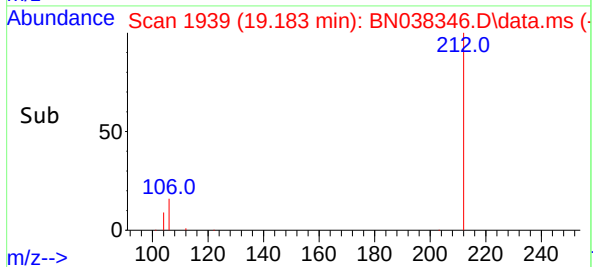
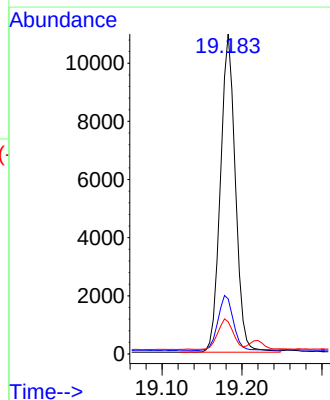
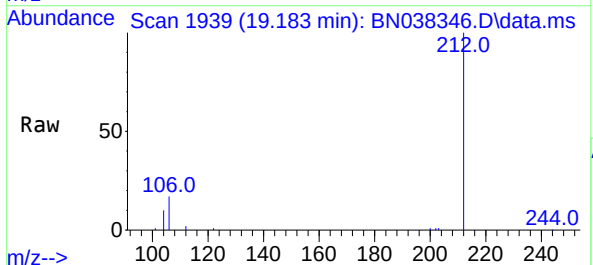
Tgt Ion:212 Resp: 14269

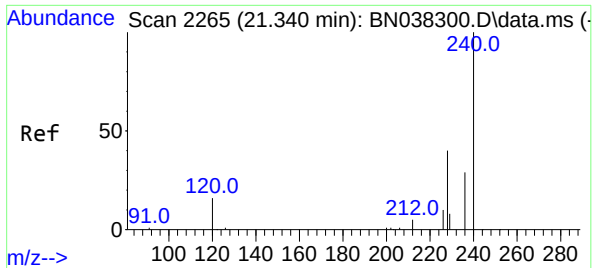
Ion Ratio Lower Upper

212 100

106 17.9 13.7 20.5

104 9.7 7.8 11.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-120825

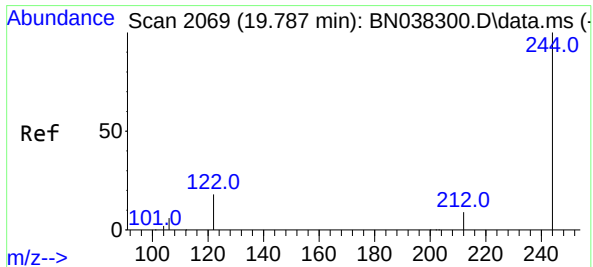
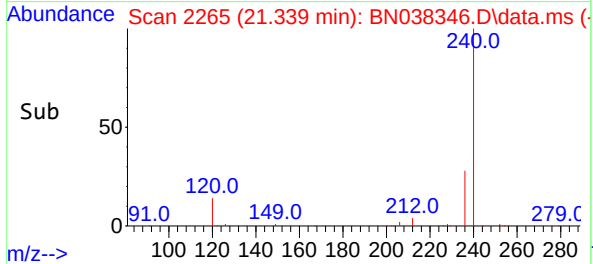
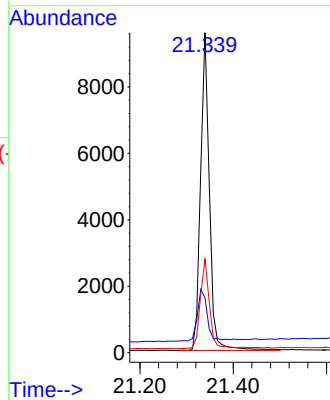
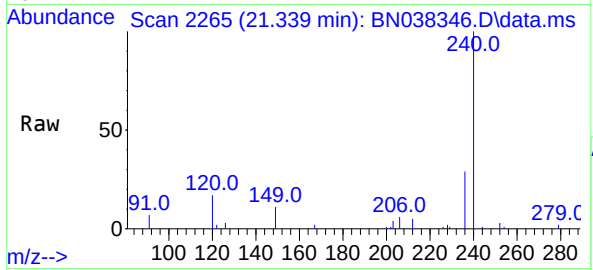
Tgt Ion:240 Resp: 12704

Ion Ratio Lower Upper

240 100

120 17.1 15.4 23.2

236 29.3 23.9 35.9



#31

Terphenyl-d14

Concen: 0.423 ng

RT: 19.782 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

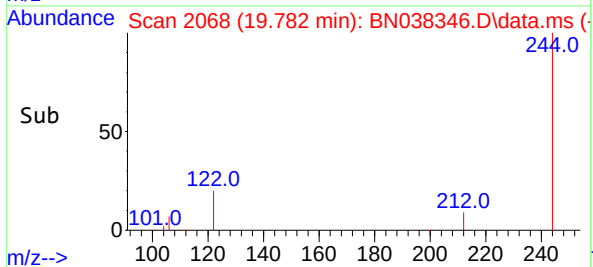
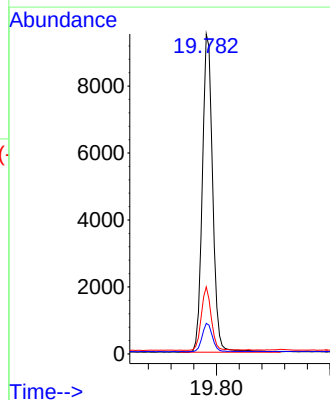
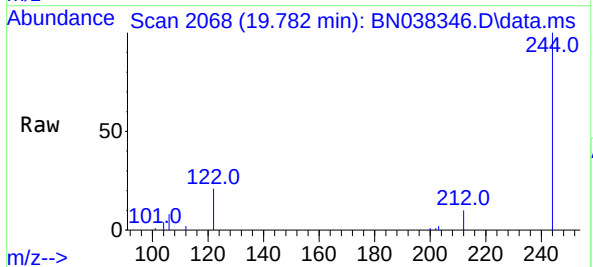
Tgt Ion:244 Resp: 12001

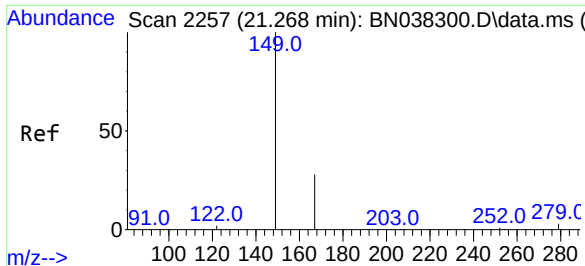
Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

122 21.0 15.0 22.6

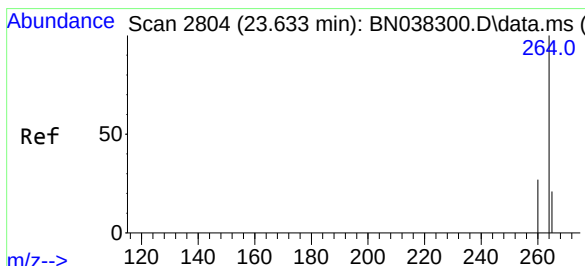
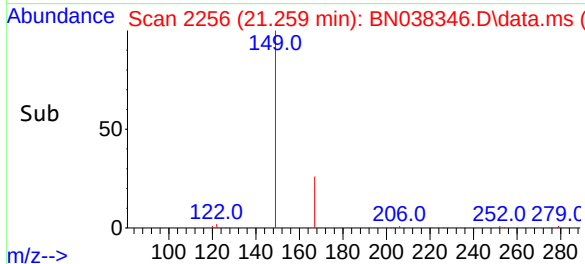
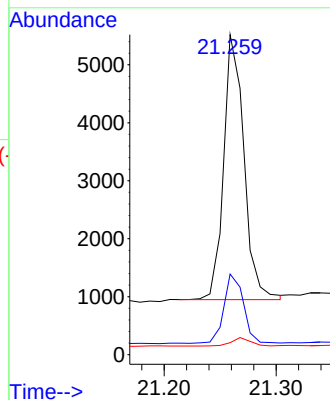
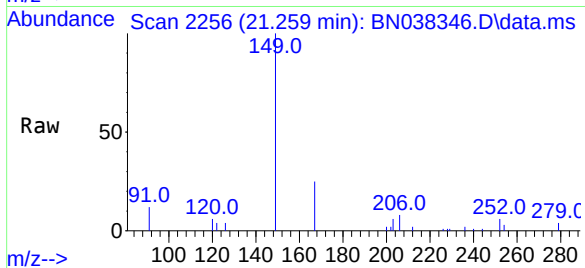




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.214 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

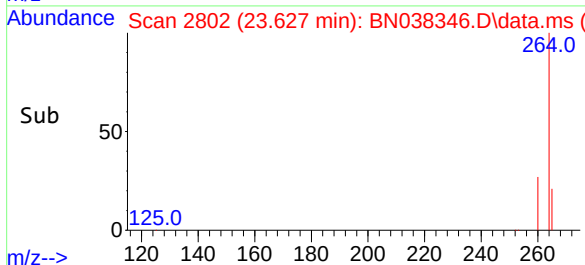
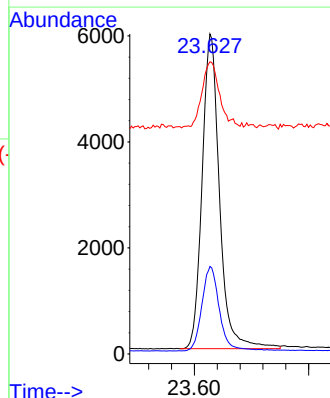
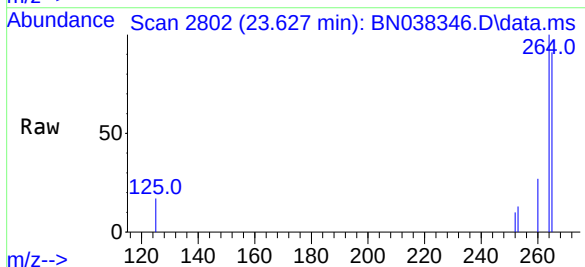
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

Tgt Ion:149 Resp: 5763
Ion Ratio Lower Upper
149 100
167 25.1 21.4 32.0
279 3.0 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.627 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion:264 Resp: 12519
Ion Ratio Lower Upper
264 100
260 27.4 22.2 33.2
265 91.3 80.2 120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038347.D
 Acq On : 12 Dec 2025 11:49
 Operator : RC/JU
 Sample : Q3813-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-120825

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 12:12:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

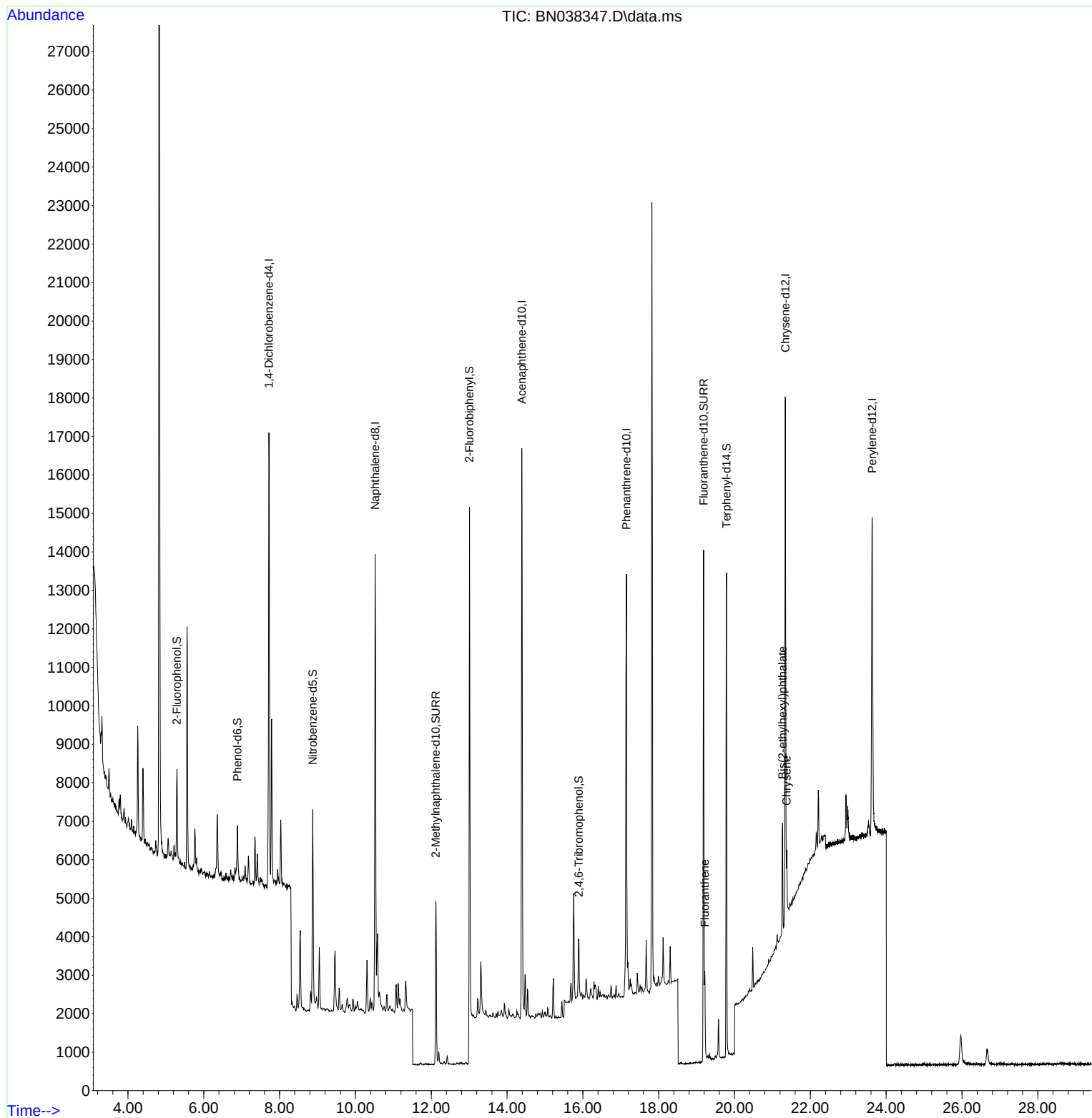
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6003	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8460	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16049	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12341	0.400	ng	0.00
35) Perylene-d12	23.630	264	12255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1999	0.134	ng	0.00
5) Phenol-d6	6.887	99	1375	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	4377	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6027	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1110	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11880	0.291	ng	0.00
27) Fluoranthene-d10	19.183	212	14370	0.362	ng	0.00
31) Terphenyl-d14	19.787	244	11910	0.432	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.215	202	1366	0.023	ng	# 81
33) Chrysene	21.375	228	1204	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	3031	0.116	ng	97

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

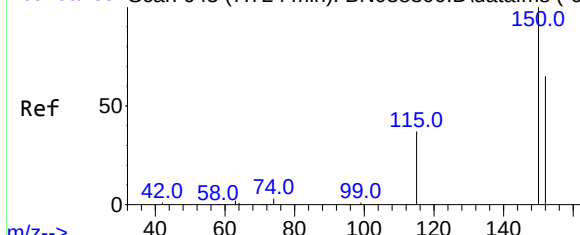
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038347.D
Acq On : 12 Dec 2025 11:49
Operator : RC/JU
Sample : Q3813-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Quant Time: Dec 12 12:12:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



Abundance Scan 643 (7.724 min): BN038300.D\data.ms (-63



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

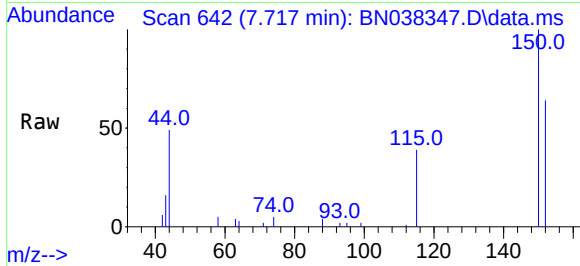
Instrument :

BNA_N

ClientSampleId :

EB01-120825

m/z--> Abundance Scan 642 (7.717 min): BN038347.D\data.ms



Tgt Ion:152 Resp: 6003

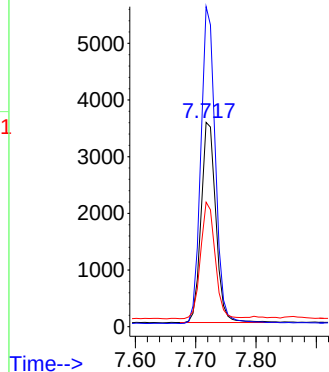
Ion Ratio Lower Upper

152 100

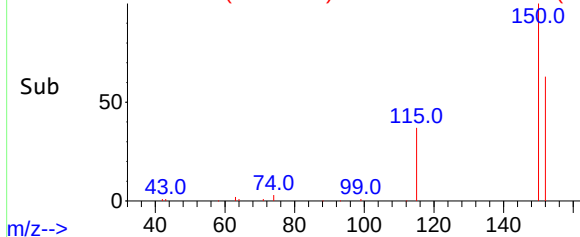
150 156.6 122.4 183.6

115 60.9 47.3 70.9

Abundance

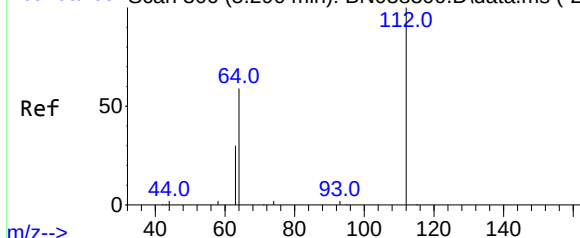


Abundance Scan 642 (7.717 min): BN038347.D\data.ms (-61



Time-->

Abundance Scan 306 (5.290 min): BN038300.D\data.ms (-29



#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.291 min Scan# 306

Delta R.T. 0.000 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Tgt Ion:112 Resp: 1999

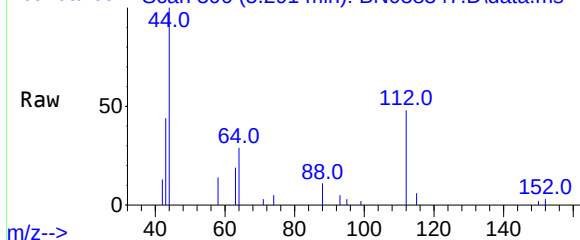
Ion Ratio Lower Upper

112 100

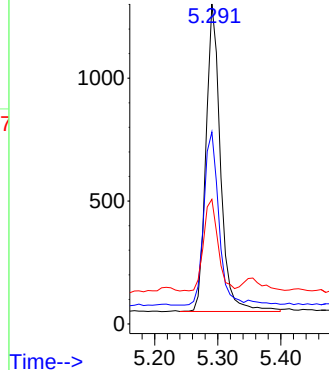
64 57.2 44.4 66.6

63 29.4 23.4 35.0

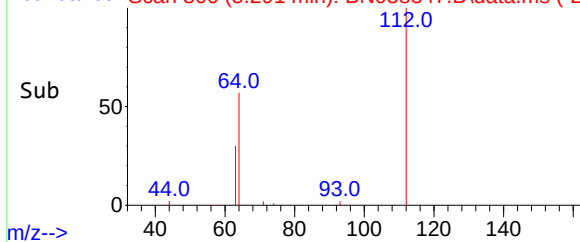
m/z--> Abundance Scan 306 (5.291 min): BN038347.D\data.ms



Abundance

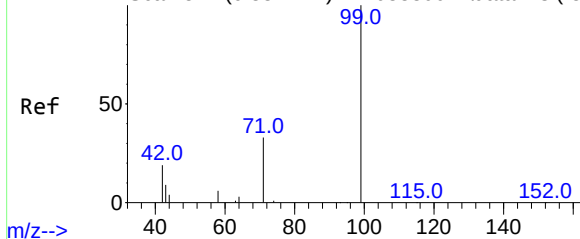


Abundance Scan 306 (5.291 min): BN038347.D\data.ms (-27



Time-->

Abundance Scan 527 (6.887 min): BN038300.D\data.ms (-52



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.887 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Instrument :

BNA_N

ClientSampleId :

EB01-120825

Tgt Ion: 99 Resp: 1375

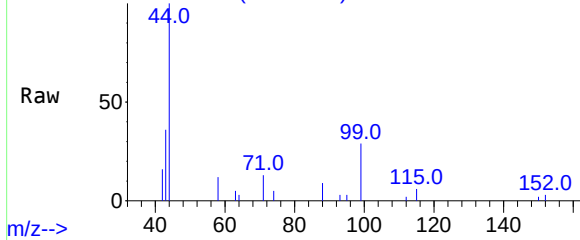
Ion Ratio Lower Upper

99 100

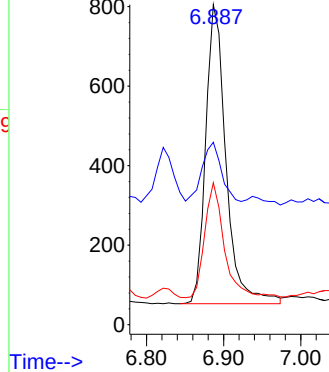
42 19.1 16.5 24.7

71 37.5 24.9 37.3#

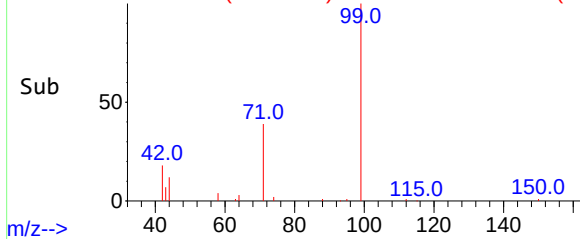
Abundance Scan 527 (6.887 min): BN038347.D\data.ms



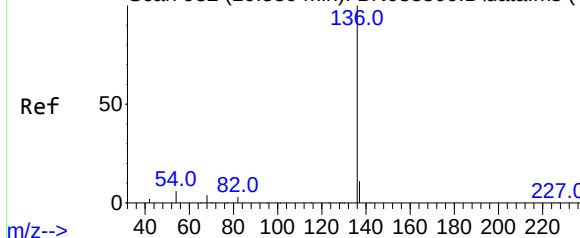
Abundance



Abundance Scan 527 (6.887 min): BN038347.D\data.ms (-49



Abundance Scan 932 (10.530 min): BN038300.D\data.ms (-9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.520 min Scan# 931

Delta R.T. -0.011 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Tgt Ion: 136 Resp: 15645

Ion Ratio Lower Upper

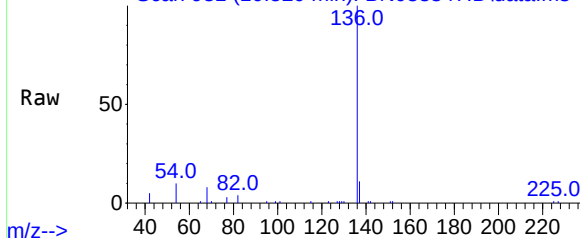
136 100

137 11.5 9.1 13.7

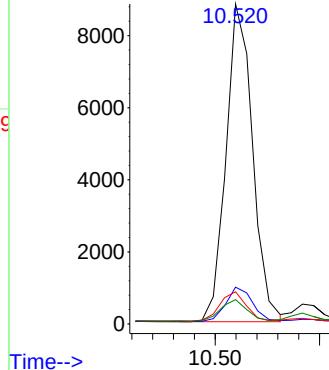
54 10.0 5.2 7.8#

68 7.6 4.1 6.1#

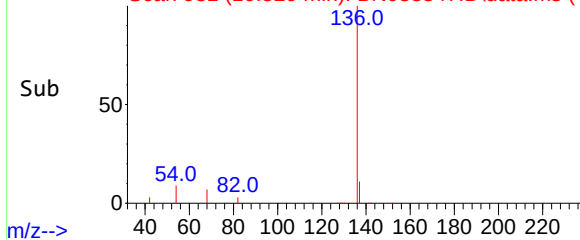
Abundance Scan 931 (10.520 min): BN038347.D\data.ms

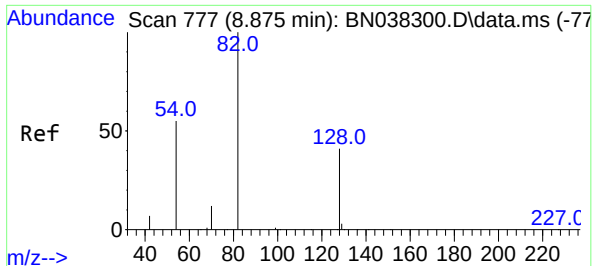


Abundance



Abundance Scan 931 (10.520 min): BN038347.D\data.ms (-9



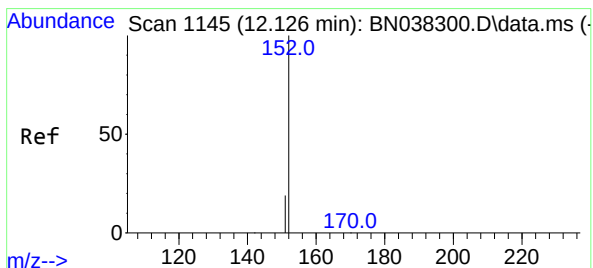
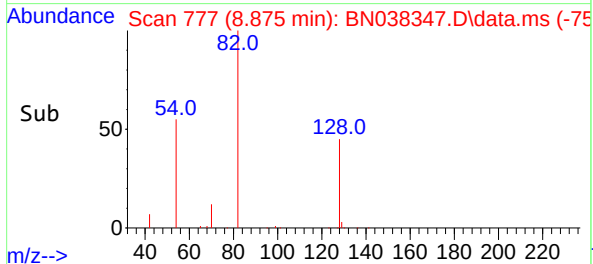
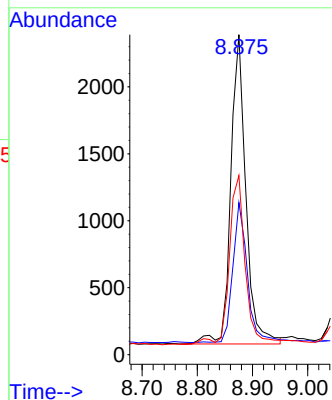
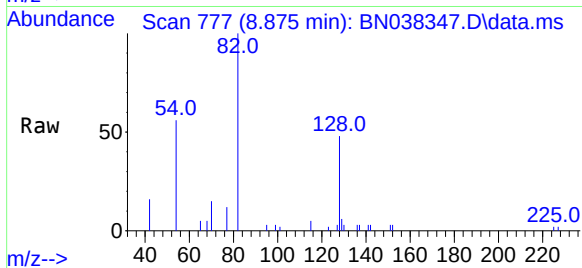


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion: 82 Resp: 4377

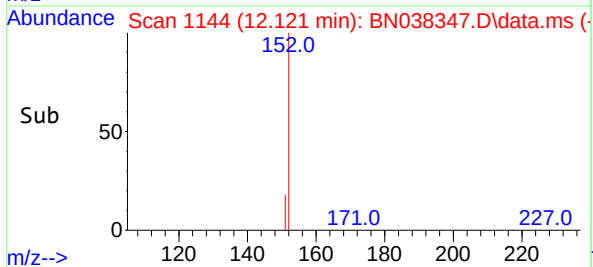
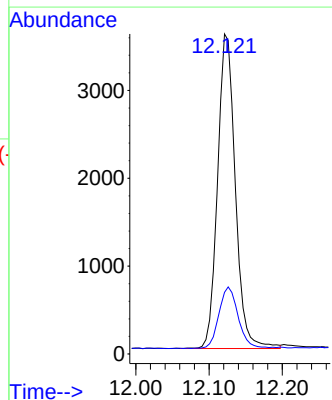
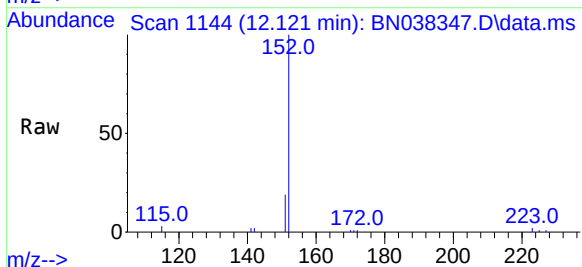
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	56.0	44.4	66.6

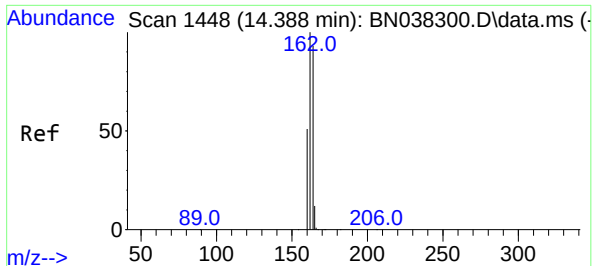


#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion: 152 Resp: 6027

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.6

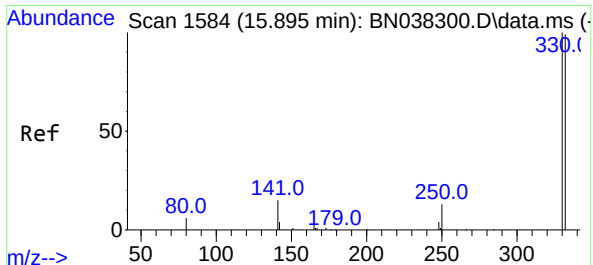
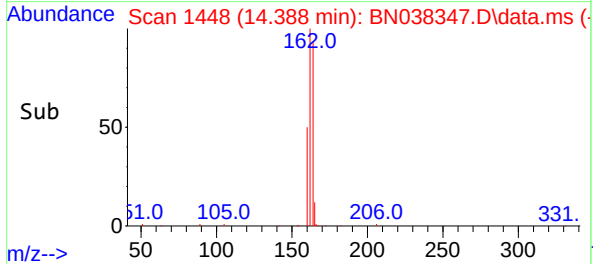
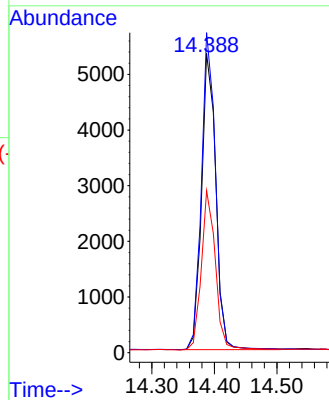
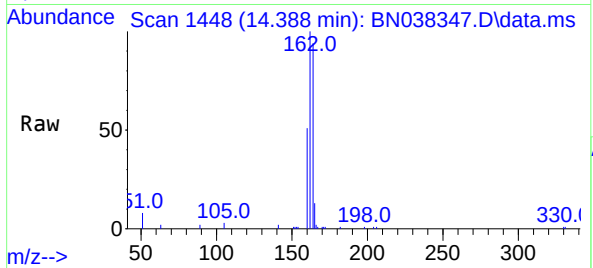




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

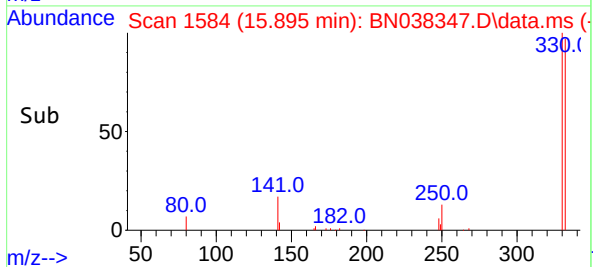
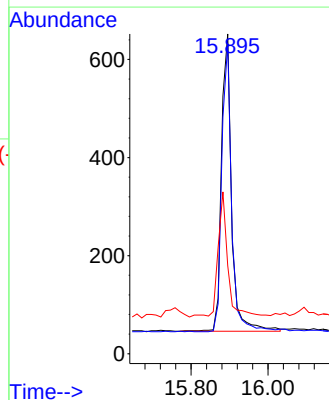
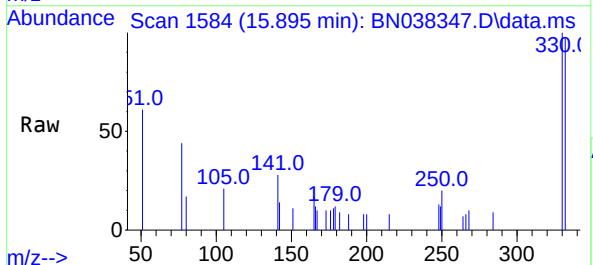
Instrument :
BNA_N
ClientSampleId :
EB01-120825

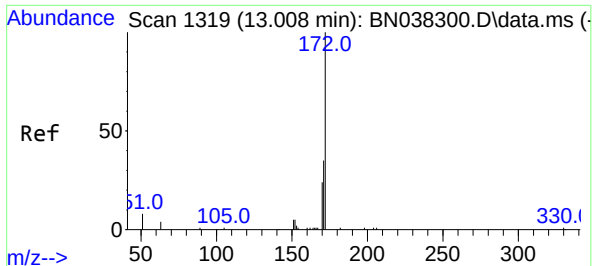
Tgt Ion:	164	Resp:	8460
Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.2	129.4
160	54.1	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	330	Resp:	1110
Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.8	113.6
141	40.9	31.8	47.8

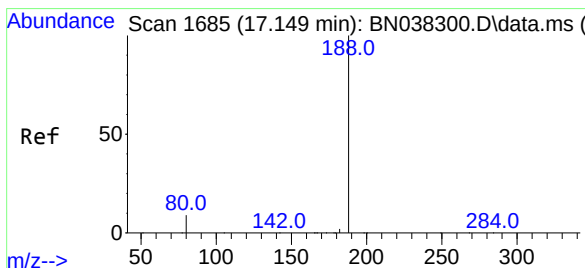
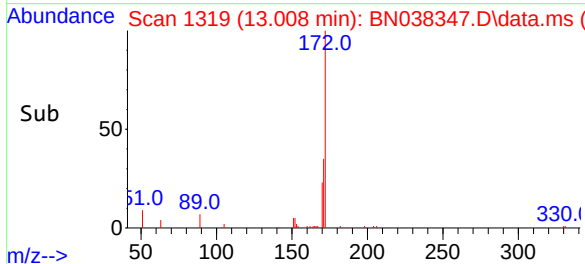
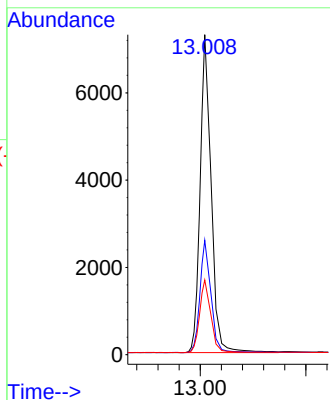
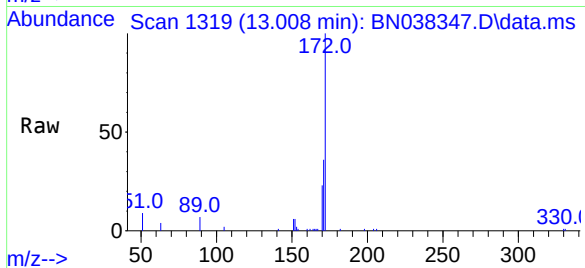




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

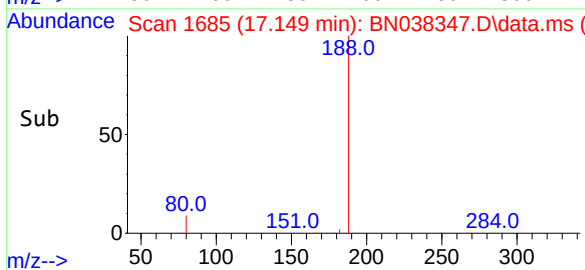
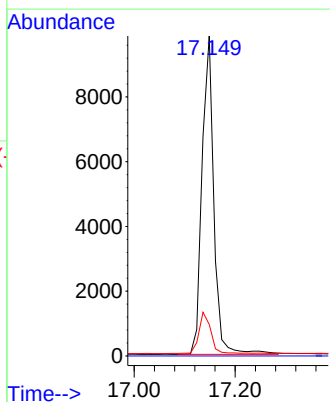
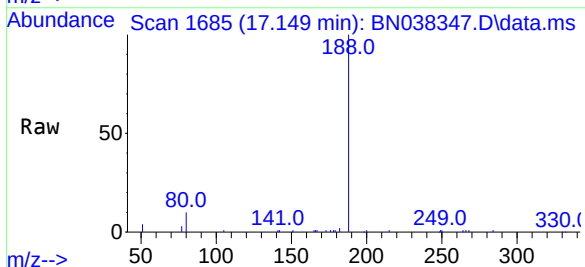
Instrument :
BNA_N
ClientSampleId :
EB01-120825

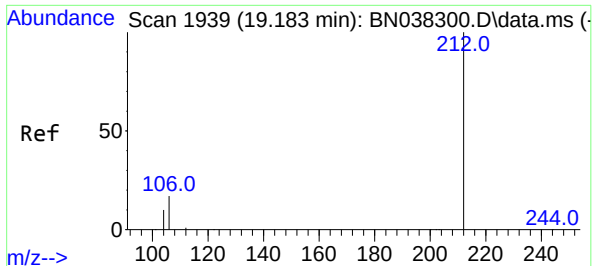
Tgt Ion:	172	Resp:	11880
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	188	Resp:	16049
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.0

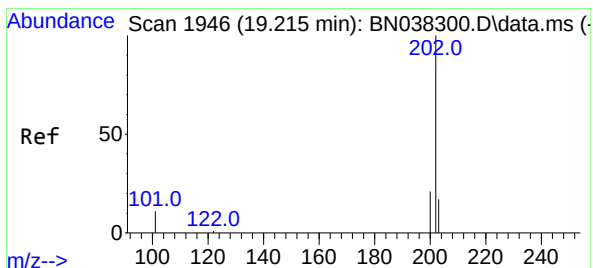
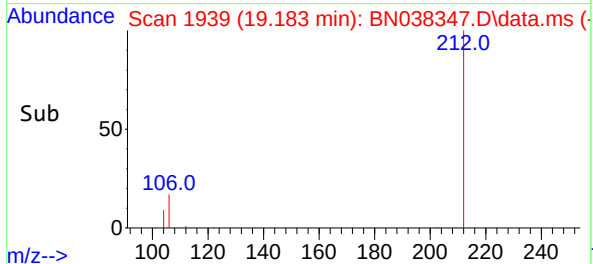
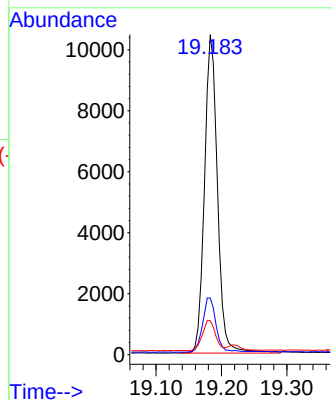
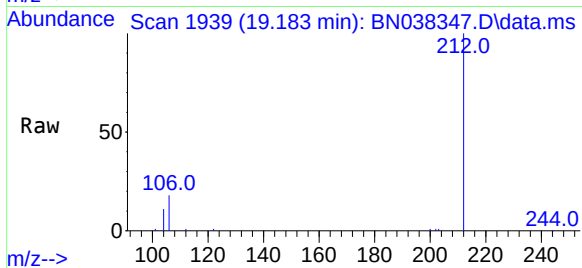




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

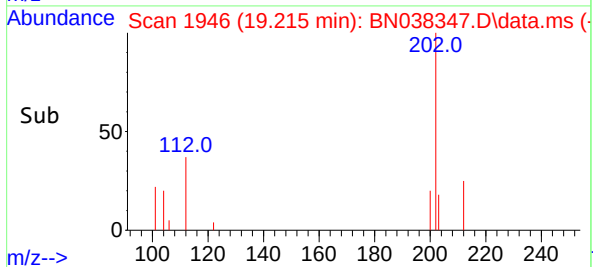
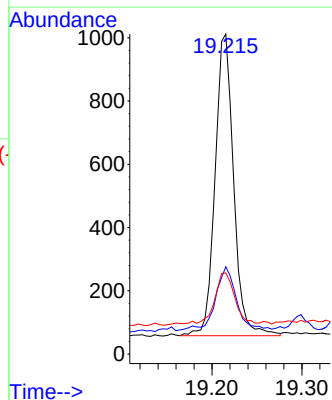
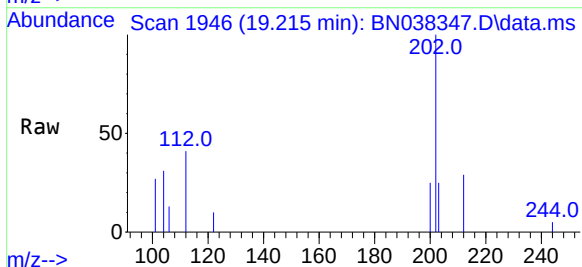
Instrument :
BNA_N
ClientSampleId :
EB01-120825

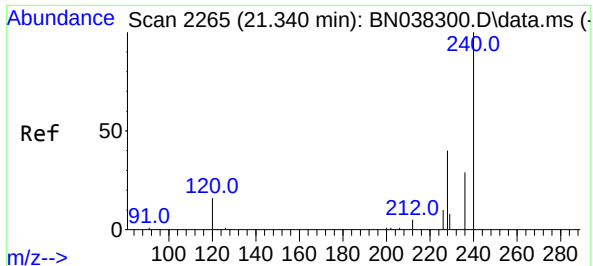
Tgt Ion:	212	Resp:	14370
Ion	Ratio	Lower	Upper
212	100		
106	17.7	13.7	20.5
104	9.6	7.8	11.8



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	202	Resp:	1366
Ion	Ratio	Lower	Upper
202	100		
101	26.2	9.6	14.4#
203	19.9	13.5	20.3

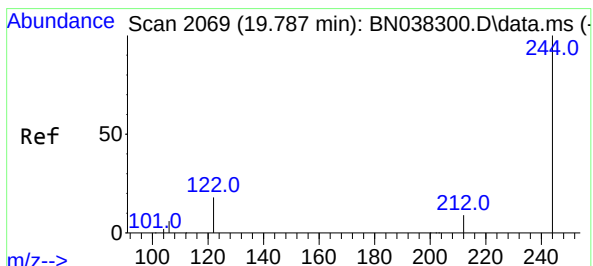
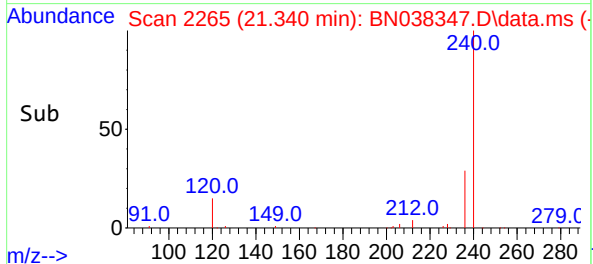
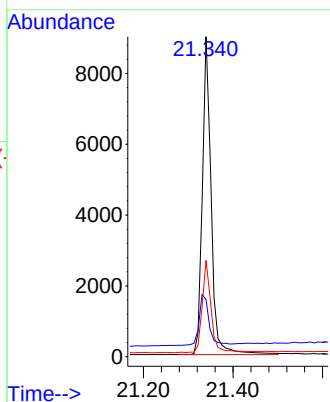
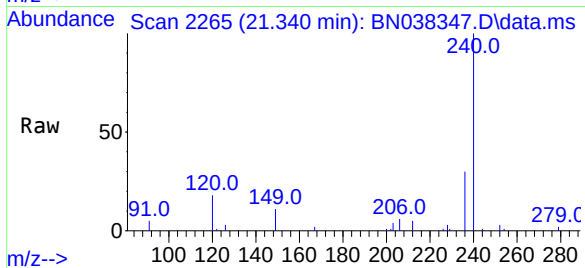




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

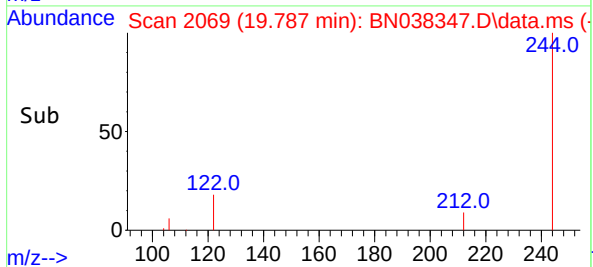
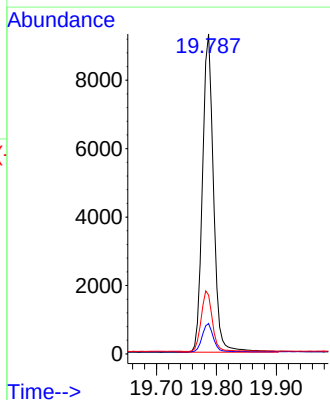
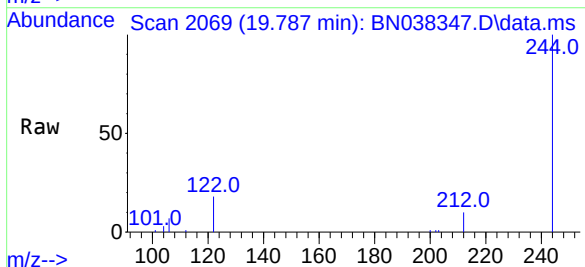
Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:	240	Resp:	12341
Ion	Ratio	Lower	Upper
240	100		
120	17.9	15.4	23.2
236	30.1	23.9	35.9

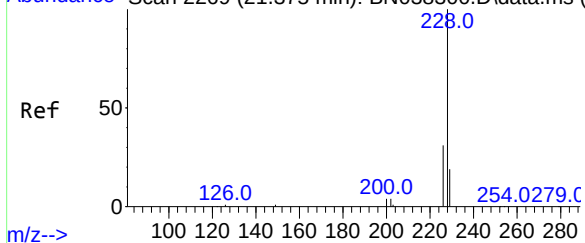


#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	244	Resp:	11910
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	18.4	15.0	22.6



Abundance Scan 2269 (21.375 min): BN038300.D\data.ms (-



#33

Chrysene

Concen: 0.023 ng

RT: 21.375 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Instrument :

BNA_N

ClientSampleId :

EB01-120825

Tgt Ion:228 Resp: 1204

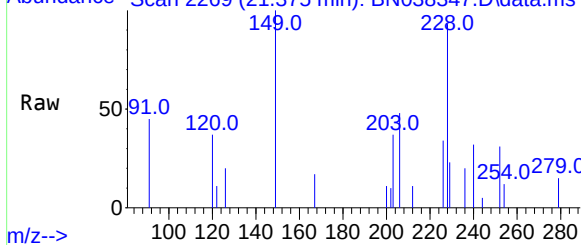
Ion Ratio Lower Upper

228 100

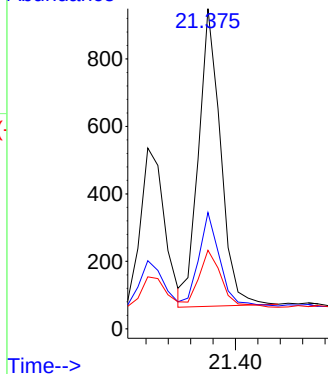
226 36.4 25.0 37.4

229 24.6 15.5 23.3#

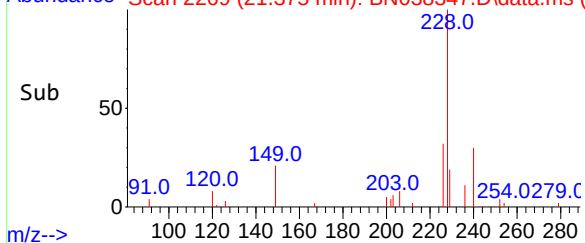
Abundance Scan 2269 (21.375 min): BN038347.D\data.ms (-



Abundance

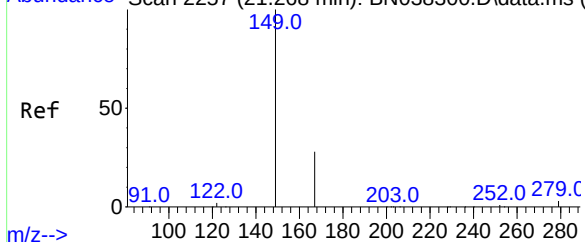


Abundance Scan 2269 (21.375 min): BN038347.D\data.ms (-



Time-->

Abundance Scan 2257 (21.268 min): BN038300.D\data.ms (-



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 21.268 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Tgt Ion:149 Resp: 3031

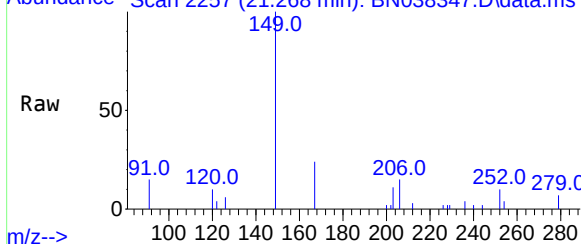
Ion Ratio Lower Upper

149 100

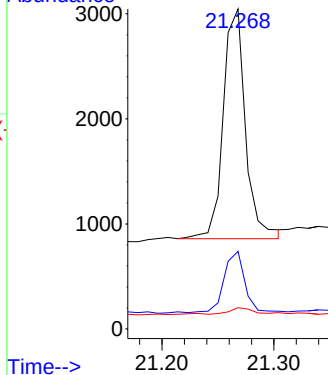
167 25.0 21.4 32.0

279 3.0 2.4 3.6

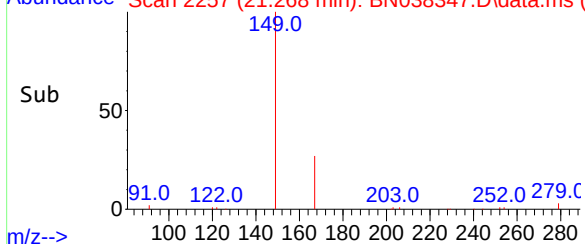
Abundance Scan 2257 (21.268 min): BN038347.D\data.ms (-



Abundance

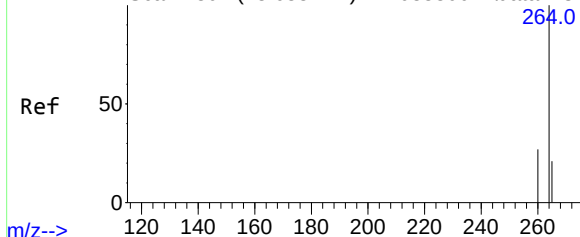


Abundance Scan 2257 (21.268 min): BN038347.D\data.ms (-



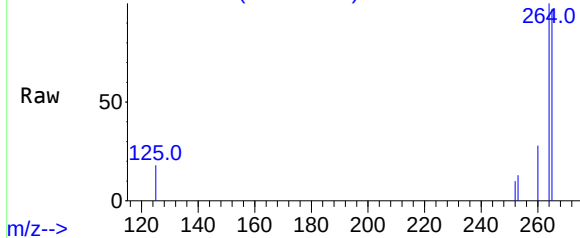
Time-->

Abundance Scan 2804 (23.633 min): BN038300.D\data.ms (-



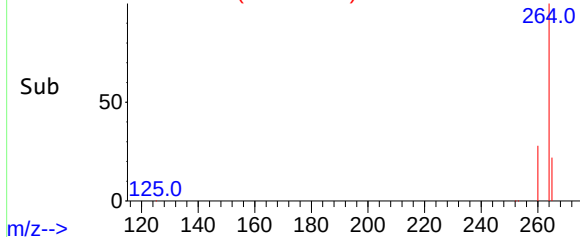
m/z-->

Abundance Scan 2803 (23.630 min): BN038347.D\data.ms (-



m/z-->

Abundance Scan 2803 (23.630 min): BN038347.D\data.ms (-



m/z-->

#35

Perylene-d12

Concen: 0.400 ng

RT: 23.630 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN038347.D

Acq: 12 Dec 2025 11:49

Instrument :

BNA_N

ClientSampleId :

EB01-120825

Tgt Ion:264 Resp: 12255

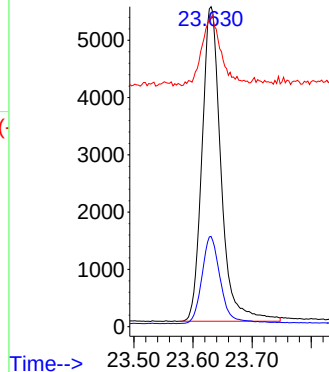
Ion Ratio Lower Upper

264 100

260 28.2 22.2 33.2

265 96.7 80.2 120.2

Abundance



Time-->

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038344.D
Acq On : 12 Dec 2025 10:00
Operator : RC/JU
Sample : PB170912BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170912BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Dec 12 10:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6576	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16790	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8053	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	12820	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8612	0.400	ng	0.00
35) Perylene-d12	23.630	264	9324	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6016	0.367	ng	0.00
5) Phenol-d6	6.887	99	6712	0.345	ng	0.00
8) Nitrobenzene-d5	8.875	82	5576	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	8585	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	451	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	14887	0.384	ng	0.00
27) Fluoranthene-d10	19.183	212	10905	0.344	ng	0.00
31) Terphenyl-d14	19.787	244	8247	0.429	ng	0.00

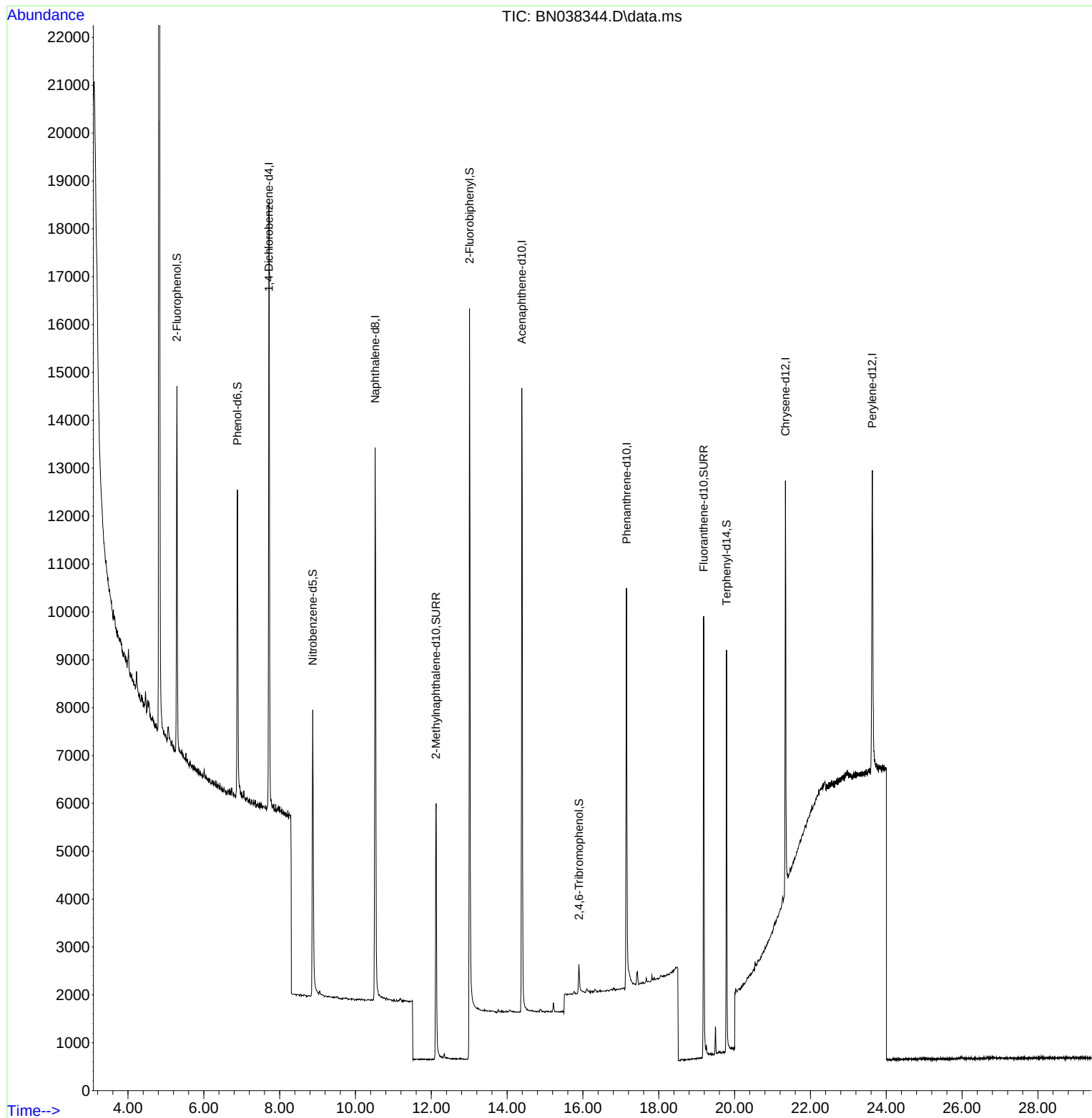
Target Compounds	Qvalue

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

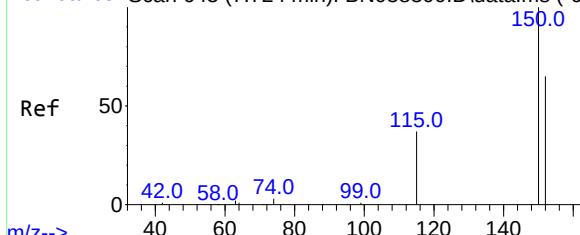
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038344.D
Acq On : 12 Dec 2025 10:00
Operator : RC/JU
Sample : PB170912BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170912BL

Quant Time: Dec 12 10:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



Abundance Scan 643 (7.724 min): BN038300.D\data.ms (-63



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.717 min Scan# 64

Delta R.T. -0.007 min

Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

Instrument :

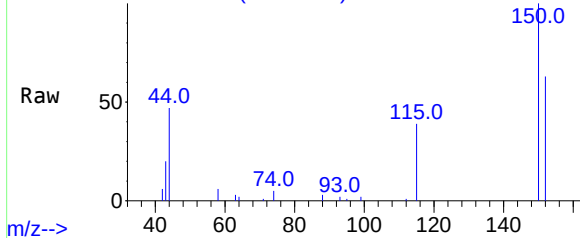
BNA_N

ClientSampleId :

PB170912BL

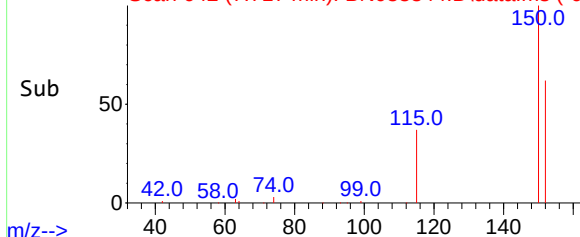
m/z-->

Abundance Scan 642 (7.717 min): BN038344.D\data.ms



m/z-->

Abundance Scan 642 (7.717 min): BN038344.D\data.ms (-61



m/z-->

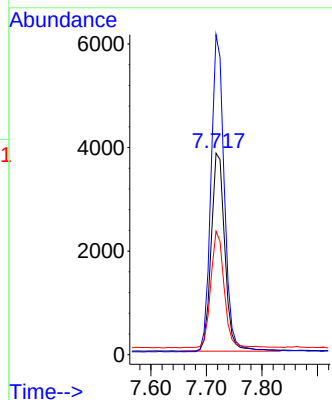
Tgt Ion:152 Resp: 6576

Ion Ratio Lower Upper

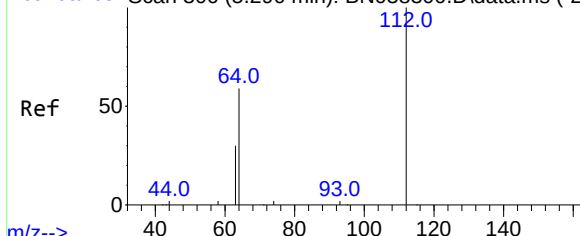
152 100

150 158.9 122.4 183.6

115 61.3 47.3 70.9

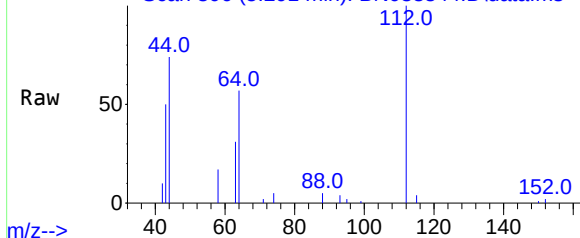


Abundance Scan 306 (5.290 min): BN038300.D\data.ms (-29



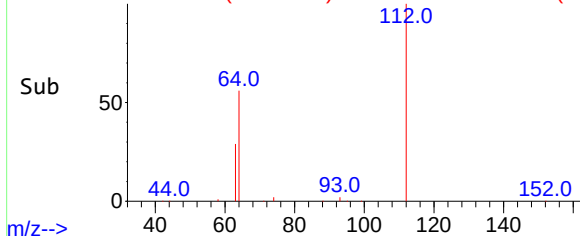
m/z-->

Abundance Scan 306 (5.291 min): BN038344.D\data.ms



m/z-->

Abundance Scan 306 (5.291 min): BN038344.D\data.ms (-27



m/z-->

#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.291 min Scan# 306

Delta R.T. 0.000 min

Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

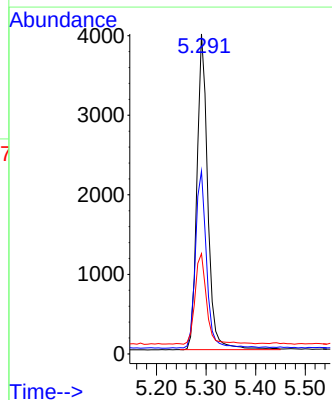
Tgt Ion:112 Resp: 6016

Ion Ratio Lower Upper

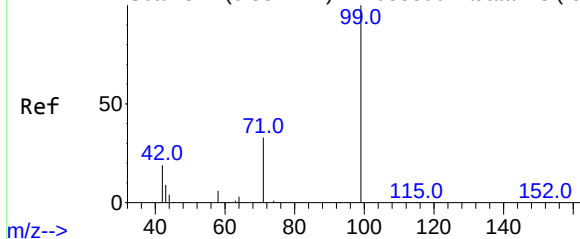
112 100

64 57.5 44.4 66.6

63 30.2 23.4 35.0



Abundance Scan 527 (6.887 min): BN038300.D\data.ms (-52



#5

Phenol-d6

Concen: 0.345 ng

RT: 6.887 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

Instrument :

BNA_N

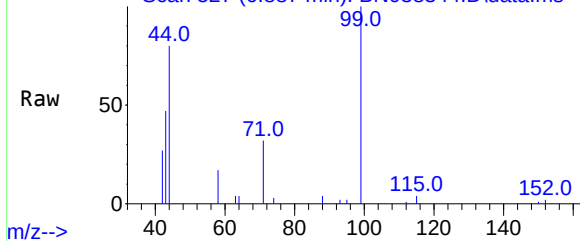
ClientSampleId :

PB170912BL

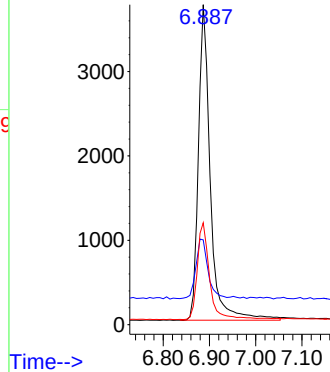
Tgt Ion: 99 Resp: 6712

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	31.3	24.9	37.3

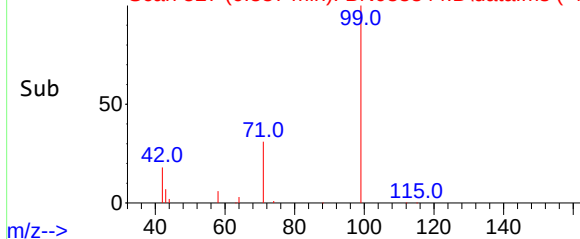
Abundance Scan 527 (6.887 min): BN038344.D\data.ms



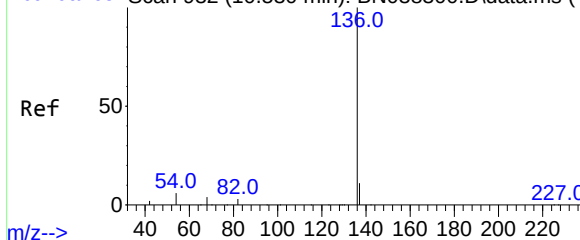
Abundance



Abundance Scan 527 (6.887 min): BN038344.D\data.ms (-49



Abundance Scan 932 (10.530 min): BN038300.D\data.ms (-9



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.520 min Scan# 931

Delta R.T. -0.011 min

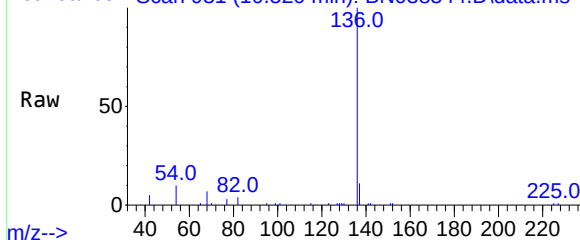
Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

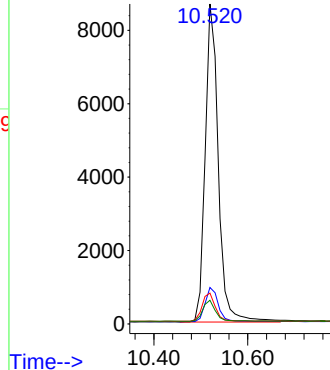
Tgt Ion: 136 Resp: 16790

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.7	5.2	7.8#
68	7.4	4.1	6.1#

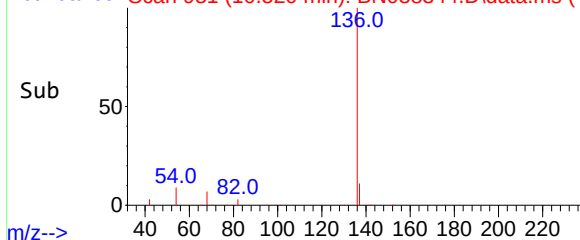
Abundance Scan 931 (10.520 min): BN038344.D\data.ms

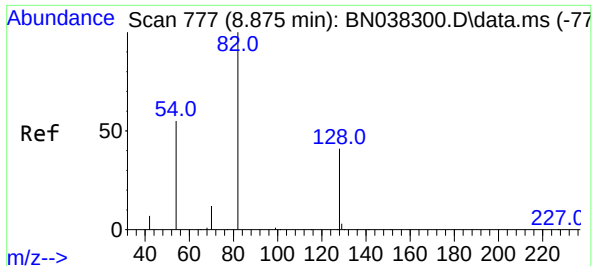


Abundance



Abundance Scan 931 (10.520 min): BN038344.D\data.ms (-9

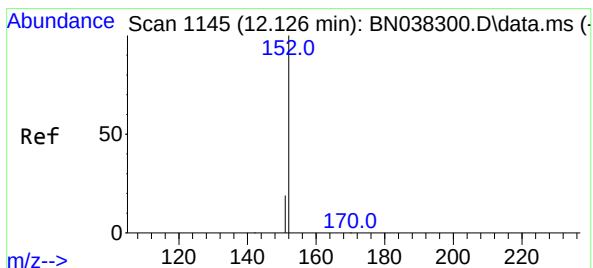
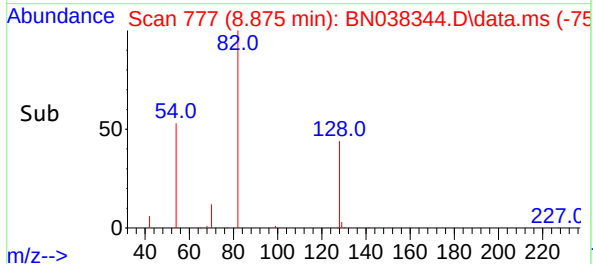
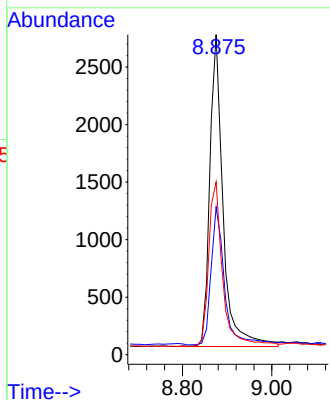
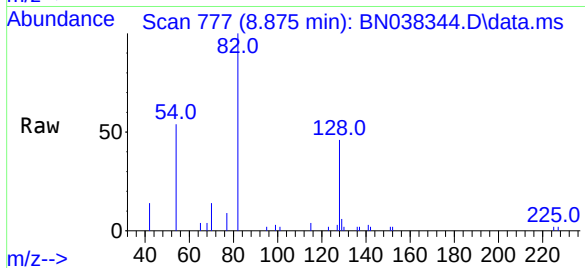




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

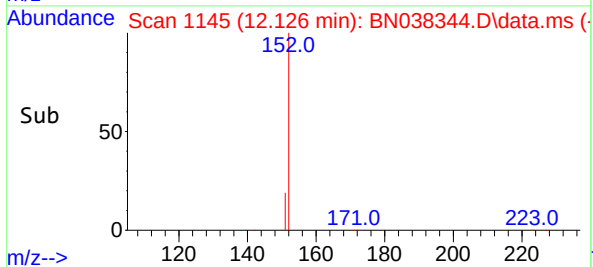
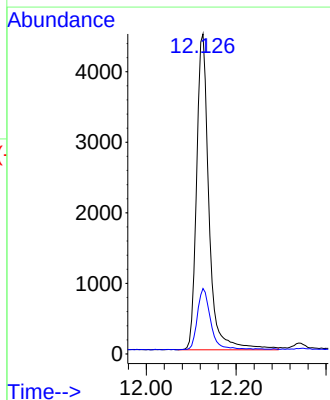
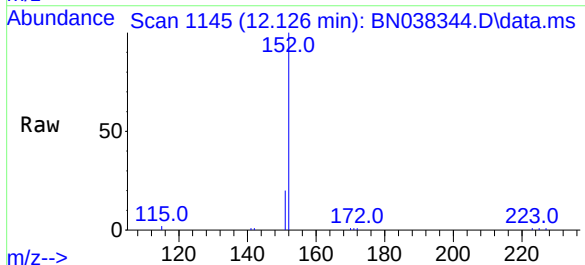
Instrument :
BNA_N
ClientSampleId :
PB170912BL

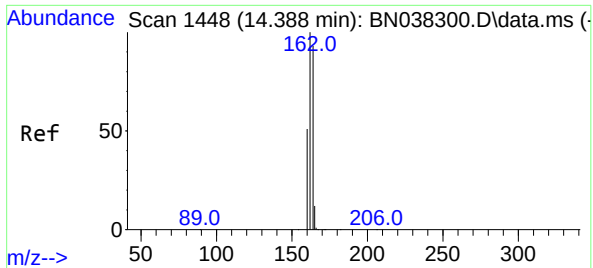
Tgt Ion: 82 Resp: 5576
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 53.9 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion: 152 Resp: 8585
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6

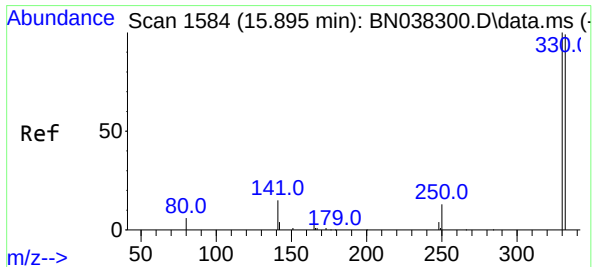
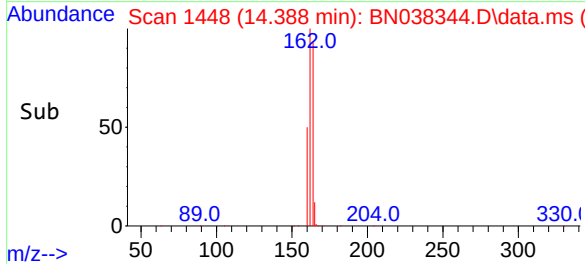
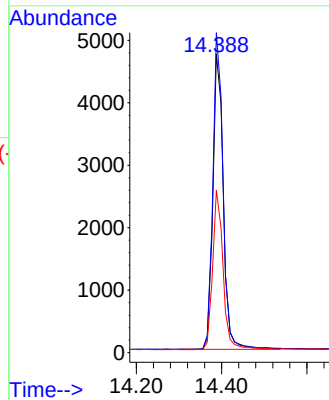
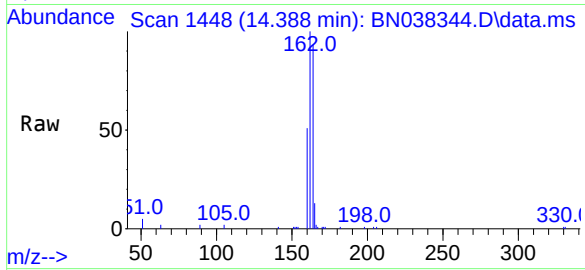




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

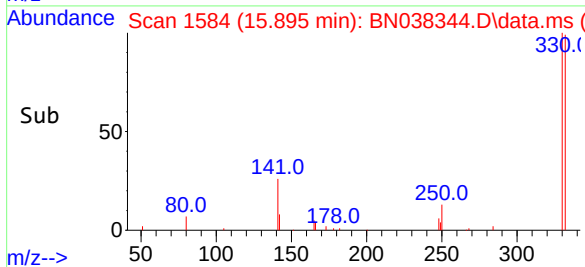
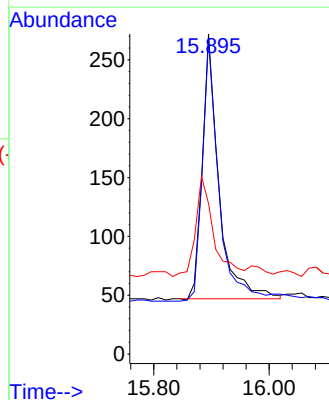
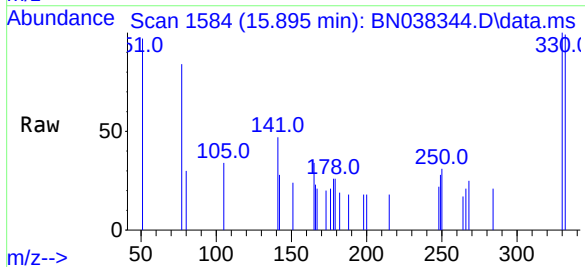
Instrument :
BNA_N
ClientSampleId :
PB170912BL

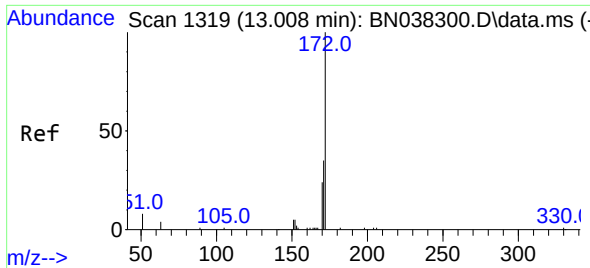
Tgt Ion:	164	Resp:	8053
Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.2	129.4
160	54.4	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:	330	Resp:	451
Ion	Ratio	Lower	Upper
330	100		
332	99.8	75.8	113.6
141	40.4	31.8	47.8

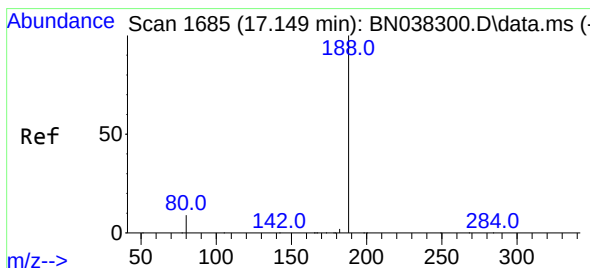
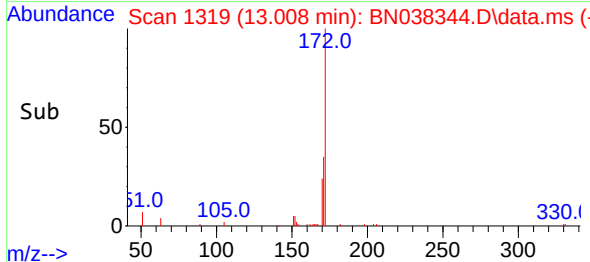
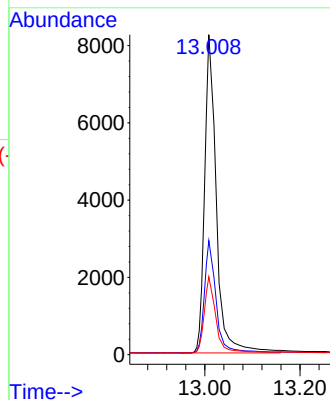
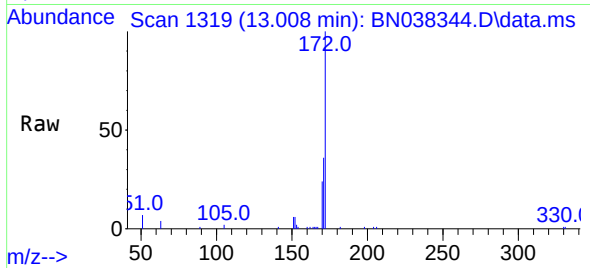




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

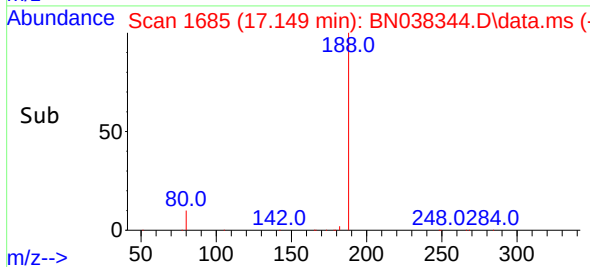
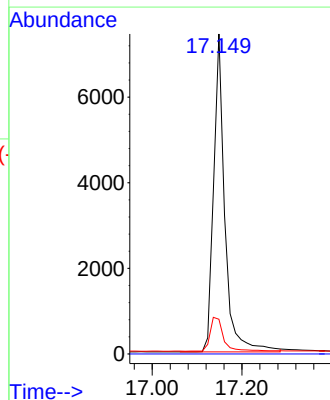
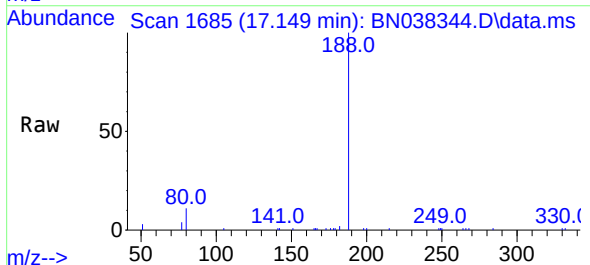
Instrument :
BNA_N
ClientSampleId :
PB170912BL

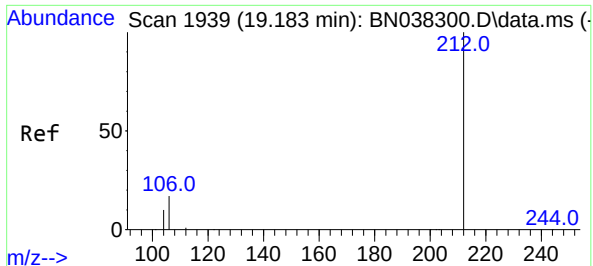
Tgt Ion:	172	Resp:	14887
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:	188	Resp:	12820
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

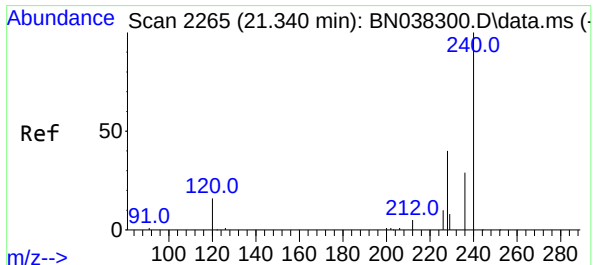
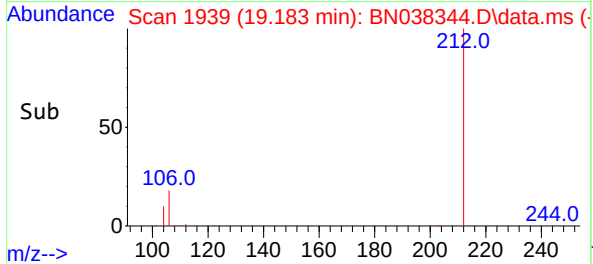
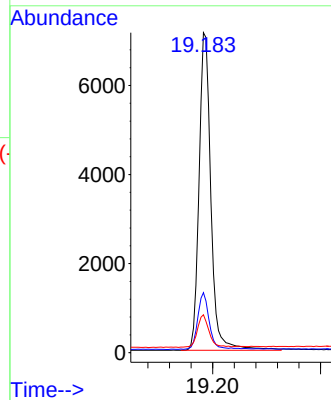
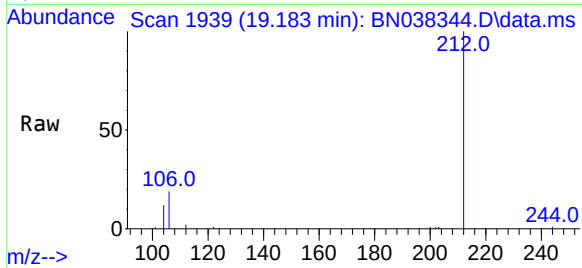
Instrument :

BNA_N

ClientSampleId :

PB170912BL

Tgt Ion:	212	Resp:	10905
Ion	Ratio	Lower	Upper
212	100		
106	17.3	13.7	20.5
104	10.0	7.8	11.8



#29

Chrysene-d12

Concen: 0.400 ng

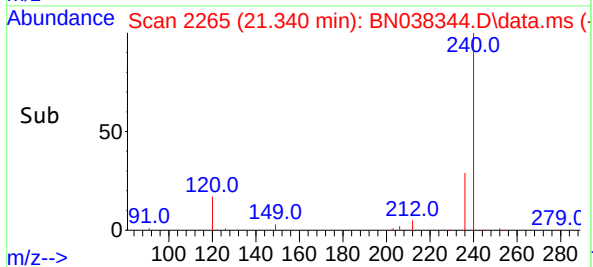
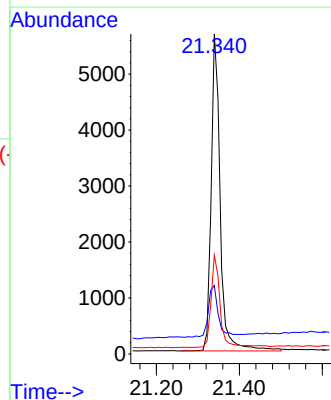
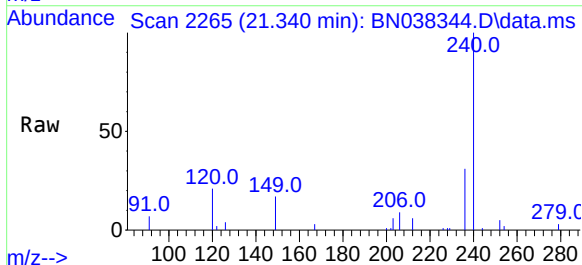
RT: 21.340 min Scan# 2265

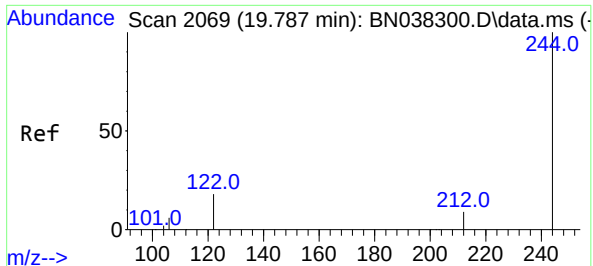
Delta R.T. 0.000 min

Lab File: BN038344.D

Acq: 12 Dec 2025 10:00

Tgt Ion:	240	Resp:	8612
Ion	Ratio	Lower	Upper
240	100		
120	21.4	15.4	23.2
236	30.9	23.9	35.9

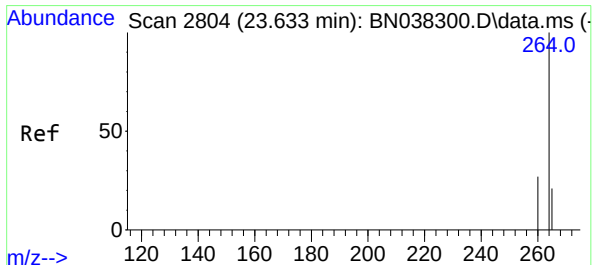
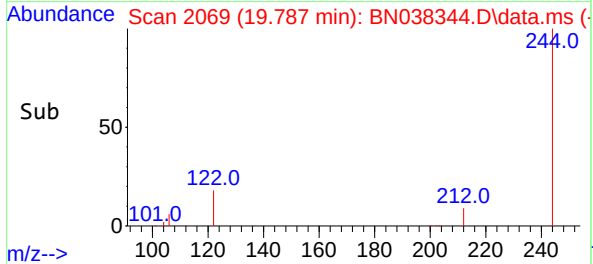
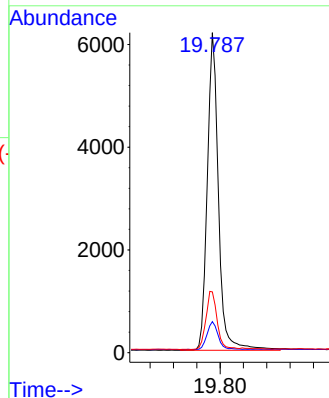
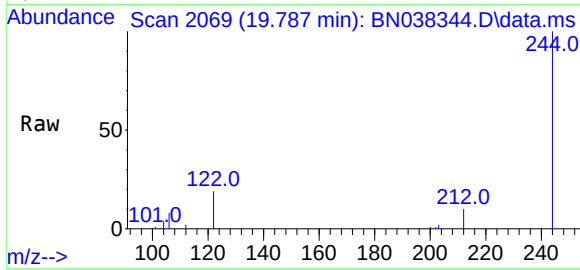




#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

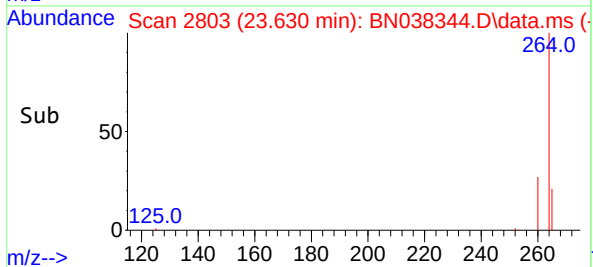
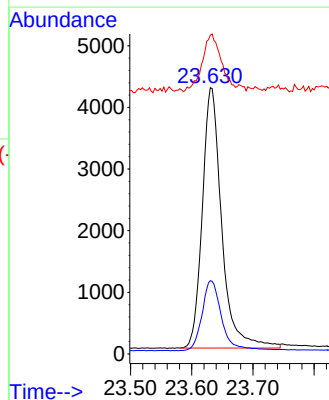
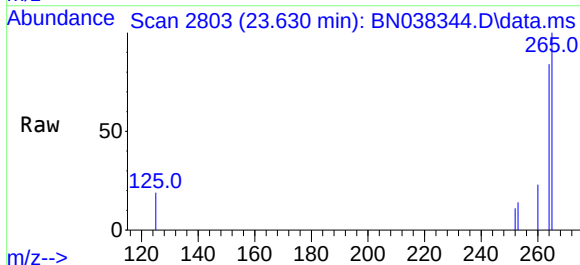
Instrument :
BNA_N
ClientSampleId :
PB170912BL

Tgt Ion:	244	Resp:	8247
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	19.0	15.0	22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038344.D
Acq: 12 Dec 2025 10:00

Tgt Ion:	264	Resp:	9324
Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.2	33.2
265	119.7	80.2	120.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038357.D
 Acq On : 12 Dec 2025 18:27
 Operator : RC/JU
 Sample : PB170912BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

PB170912BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 13 02:09:13 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 10 13:56:50 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6159	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16009	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7792	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13155	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8480	0.400	ng	0.00
35) Perylene-d12	23.625	264	8947	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	5525	0.360	ng	0.00
5) Phenol-d6	6.887	99	6254	0.343	ng	0.00
8) Nitrobenzene-d5	8.875	82	5244	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	8204m	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.883	330	944	0.273	ng	-0.01
15) 2-Fluorobiphenyl	13.009	172	16230	0.432	ng	0.00
27) Fluoranthene-d10	19.183	212	10641	0.327	ng	0.00
31) Terphenyl-d14	19.782	244	8141	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	2073	0.294	ng	# 57
3) n-Nitrosodimethylamine	3.507	42	2894	0.327	ng	# 95
6) bis(2-Chloroethyl)ether	7.139	93	5934	0.333	ng	98
9) Naphthalene	10.573	128	16000	0.338	ng	99
10) Hexachlorobutadiene	10.872	225	2793	0.332	ng	# 98
12) 2-Methylnaphthalene	12.197	142	9171	0.305	ng	99
16) Acenaphthylene	14.110	152	14230	0.372	ng	100
17) Acenaphthene	14.452	154	8645	0.324	ng	99
18) Fluorene	15.446	166	11335	0.330	ng	98
20) 4,6-Dinitro-2-methylph...	15.523	198	217	0.100	ng	# 13
21) 4-Bromophenyl-phenylether	16.342	248	3145	0.322	ng	93
22) Hexachlorobenzene	16.453	284	4007	0.342	ng	99
23) Atrazine	16.615	200	2150	0.323	ng	99
24) Pentachlorophenol	16.801	266	1260	0.275	ng	98
25) Phenanthrene	17.186	178	15862	0.346	ng	100
26) Anthracene	17.273	178	13583	0.344	ng	100
28) Fluoranthene	19.211	202	15139	0.311	ng	99
30) Pyrene	19.573	202	15342	0.367	ng	100
32) Benzo(a)anthracene	21.322	228	11503	0.351	ng	98
33) Chrysene	21.375	228	12406	0.344	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	5420	0.302	ng	100
36) Indeno(1,2,3-cd)pyrene	25.946	276	17589	0.370	ng	100
37) Benzo(b)fluoranthene	22.932	252	13100	0.319	ng	96
38) Benzo(k)fluoranthene	22.978	252	13592	0.332	ng	94
39) Benzo(a)pyrene	23.522	252	11710	0.348	ng	96
40) Dibenzo(a,h)anthracene	25.964	278	13361	0.365	ng	98
41) Benzo(g,h,i)perylene	26.651	276	15315	0.374	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038357.D
Acq On : 12 Dec 2025 18:27
Operator : RC/JU
Sample : PB170912BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

PB170912BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 12/15/2025

Supervised By :Jagrut Upadhyay 12/15/2025

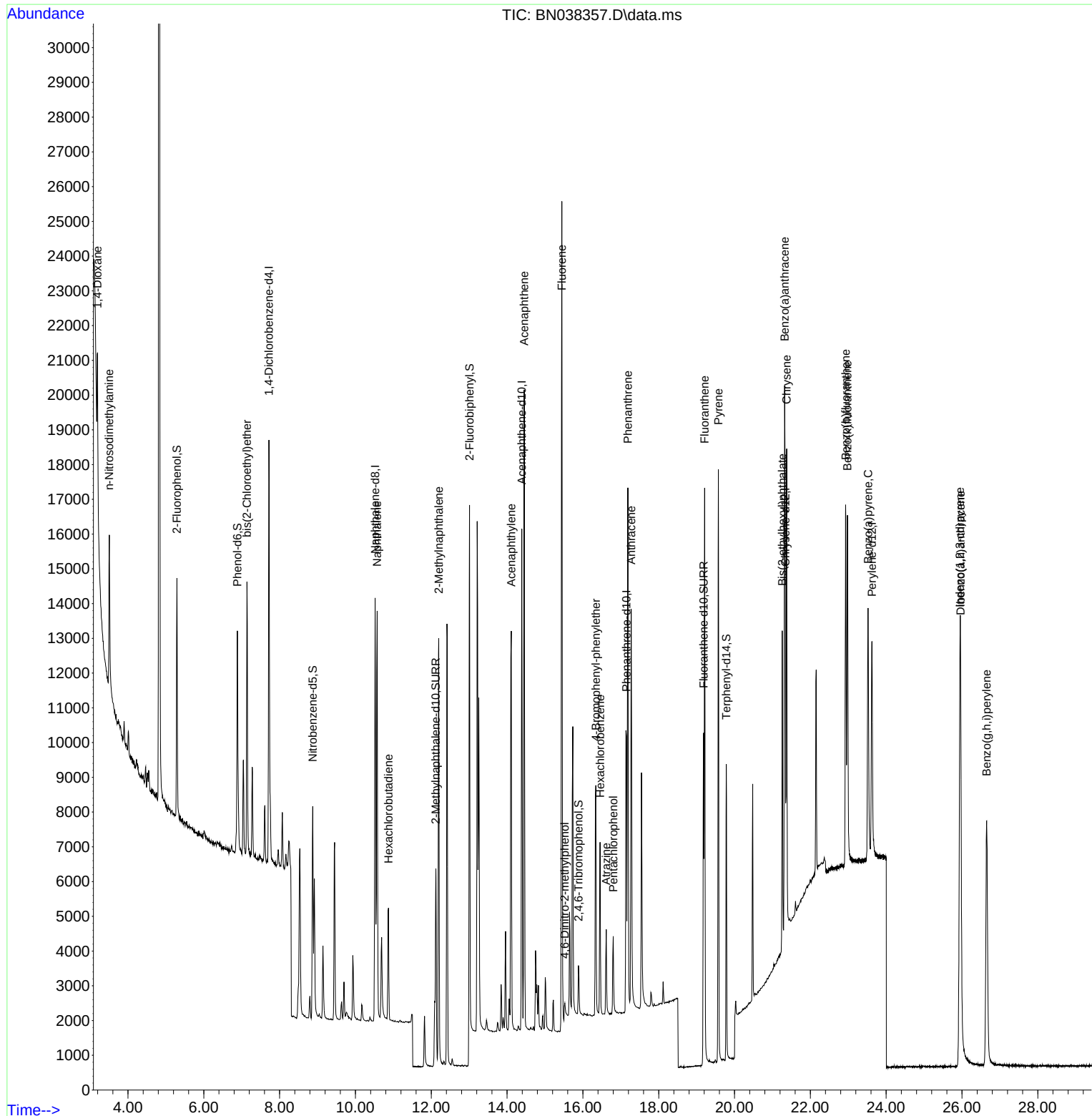
Quant Time: Dec 13 02:09:13 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 10 13:56:50 2025

Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038358.D
 Acq On : 12 Dec 2025 19:03
 Operator : RC/JU
 Sample : PB170912BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170912BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 13 02:09:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5504	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14243	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6818	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	11665	0.400	ng	0.00
29) Chrysene-d12	21.340	240	8305	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	8801	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	4917	0.359	ng	0.00
5) Phenol-d6	6.887	99	5454	0.335	ng	0.00
8) Nitrobenzene-d5	8.875	82	4653	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	7618m	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	836	0.276	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	13910	0.423	ng	0.00
27) Fluoranthene-d10	19.183	212	9671	0.335	ng	0.00
31) Terphenyl-d14	19.782	244	7442	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1838	0.291	ng	# 65
3) n-Nitrosodimethylamine	3.507	42	2757	0.348	ng	# 97
6) bis(2-Chloroethyl)ether	7.139	93	5483	0.344	ng	96
9) Naphthalene	10.573	128	14349	0.341	ng	100
10) Hexachlorobutadiene	10.872	225	2638	0.352	ng	# 99
12) 2-Methylnaphthalene	12.197	142	8109	0.303	ng	99
16) Acenaphthylene	14.110	152	12558	0.375	ng	99
17) Acenaphthene	14.452	154	7570	0.325	ng	98
18) Fluorene	15.446	166	9826	0.327	ng	100
20) 4,6-Dinitro-2-methylph...	15.522	198	208	0.108	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	2851	0.329	ng	97
22) Hexachlorobenzene	16.453	284	3612	0.347	ng	100
23) Atrazine	16.615	200	1948	0.330	ng	99
24) Pentachlorophenol	16.801	266	1446	0.356	ng	97
25) Phenanthrene	17.186	178	13452	0.331	ng	100
26) Anthracene	17.273	178	12005	0.343	ng	100
28) Fluoranthene	19.211	202	13300	0.308	ng	100
30) Pyrene	19.573	202	13499	0.330	ng	99
32) Benzo(a)anthracene	21.322	228	11195	0.349	ng	99
33) Chrysene	21.375	228	12514	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.259	149	5141	0.292	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.949	276	17687	0.379	ng	100
37) Benzo(b)fluoranthene	22.935	252	13459	0.333	ng	95
38) Benzo(k)fluoranthene	22.978	252	14124	0.350	ng	97
39) Benzo(a)pyrene	23.522	252	12179	0.368	ng	98
40) Dibenzo(a,h)anthracene	25.961	278	13531	0.376	ng	97
41) Benzo(g,h,i)perylene	26.653	276	15173	0.377	ng	99

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

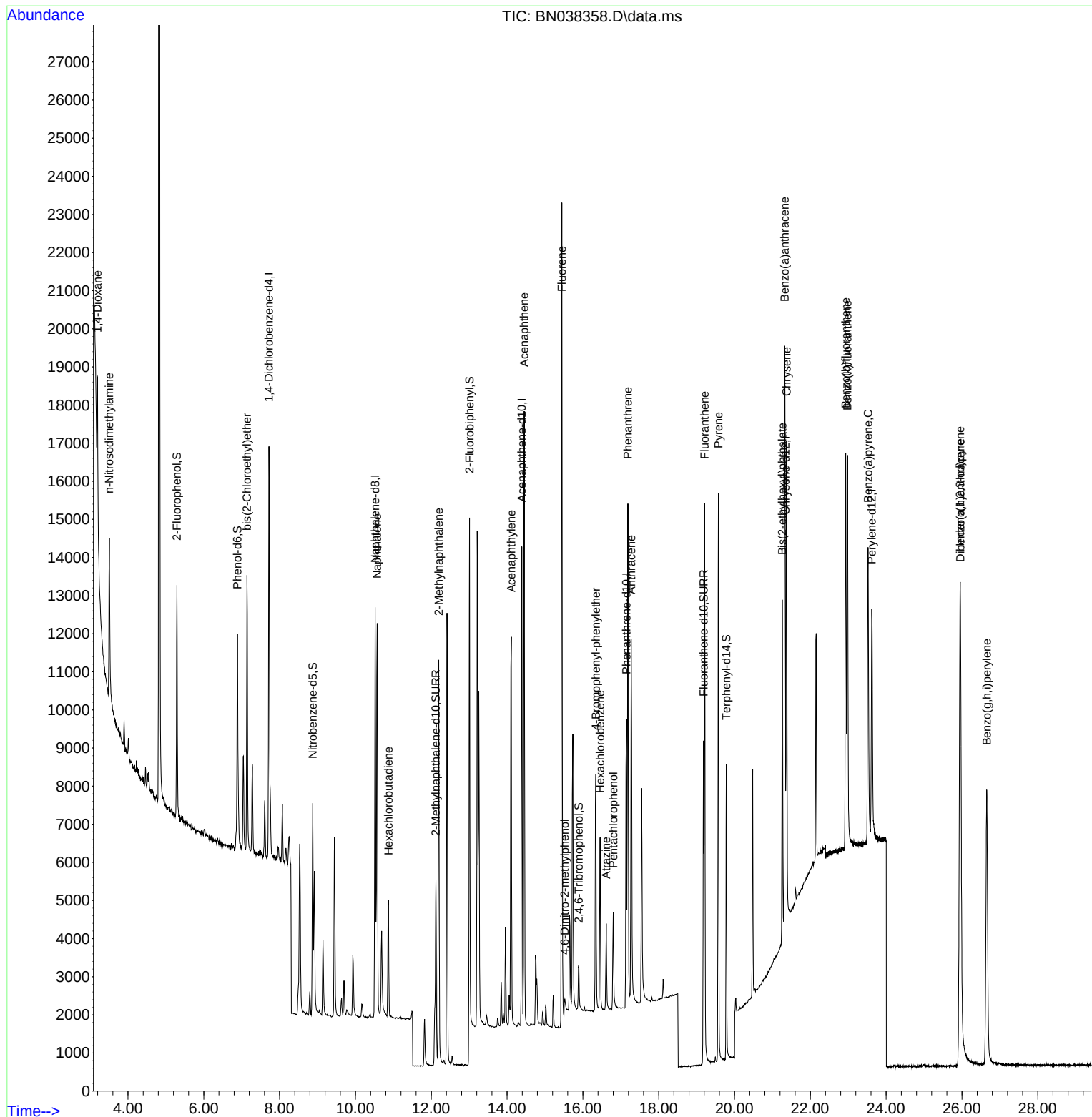
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Data File : BN038358.D
Acq On : 12 Dec 2025 19:03
Operator : RC/JU
Sample : PB170912BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170912BSD

Quant Time: Dec 13 02:09:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025





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

Manual Integration Report

Sequence:

BN121025

Instrument

BNA_n

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

BN121225

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170912BS	BN038357.D	2-Methylnaphthalene-d1 0	rahul	12/15/2025 9:48:01 AM	Jagrut	12/15/2025 2:16:06 PM	Peak Integrated by Software
PB170912BSD	BN038358.D	2-Methylnaphthalene-d1 0	rahul	12/15/2025 9:48:05 AM	Jagrut	12/15/2025 2:16:08 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121025

Review By	rahul	Review On	12/11/2025 4:30:54 PM
Supervise By	mohammad	Supervise On	12/13/2025 12:56:07 AM
SubDirectory	BN121025	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038297.D	10 Dec 2025 09:12	RC/JU	Ok
2	SSTDICC0.1	BN038298.D	10 Dec 2025 09:52	RC/JU	Ok
3	SSTDICC0.2	BN038299.D	10 Dec 2025 10:28	RC/JU	Ok
4	SSTDICCC0.4	BN038300.D	10 Dec 2025 11:05	RC/JU	Ok
5	SSTDICC0.8	BN038301.D	10 Dec 2025 11:41	RC/JU	Ok
6	SSTDICC1.6	BN038302.D	10 Dec 2025 12:17	RC/JU	Ok
7	SSTDICC3.2	BN038303.D	10 Dec 2025 12:53	RC/JU	Ok
8	SSTDICC5.0	BN038304.D	10 Dec 2025 13:30	RC/JU	Ok
9	SSTDICV0.4	BN038305.D	10 Dec 2025 14:06	RC/JU	Ok
10	PB170590BL	BN038306.D	10 Dec 2025 14:42	RC/JU	Ok
11	Q3483-11	BN038307.D	10 Dec 2025 15:18	RC/JU	Dilution
12	Q3483-11DL	BN038308.D	10 Dec 2025 15:54	RC/JU	Ok,M
13	SSTDCCC0.4	BN038309.D	10 Dec 2025 17:15	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN038342.D	12 Dec 2025 08:45	RC/JU	Ok
2	SSTDCCC0.4	BN038343.D	12 Dec 2025 09:24	RC/JU	Ok
3	PB170912BL	BN038344.D	12 Dec 2025 10:00	RC/JU	Ok
4	Q3788-01DL	BN038345.D	12 Dec 2025 10:36	RC/JU	Ok
5	Q3813-01	BN038346.D	12 Dec 2025 11:12	RC/JU	Ok
6	Q3813-03	BN038347.D	12 Dec 2025 11:49	RC/JU	Ok
7	Q3828-01	BN038348.D	12 Dec 2025 12:25	RC/JU	Ok
8	Q3828-03	BN038349.D	12 Dec 2025 13:01	RC/JU	Ok,M
9	Q3828-05	BN038350.D	12 Dec 2025 13:38	RC/JU	Dilution
10	Q3828-06	BN038351.D	12 Dec 2025 14:14	RC/JU	Ok
11	Q3828-08	BN038352.D	12 Dec 2025 15:26	RC/JU	Ok
12	Q3835-01	BN038353.D	12 Dec 2025 16:02	RC/JU	Ok
13	Q3835-02	BN038354.D	12 Dec 2025 16:38	RC/JU	Ok
14	Q3835-04	BN038355.D	12 Dec 2025 17:14	RC/JU	Dilution
15	Q3835-05	BN038356.D	12 Dec 2025 17:50	RC/JU	Ok
16	PB170912BS	BN038357.D	12 Dec 2025 18:27	RC/JU	Ok,M
17	PB170912BSD	BN038358.D	12 Dec 2025 19:03	RC/JU	Ok,M
18	SSTDCCC0.4	BN038359.D	12 Dec 2025 20:16	RC/JU	Ok
19	DFTPP	BN038360.D	12 Dec 2025 21:31	RC/JU	Ok
20	SSTDCCC0.4	BN038361.D	12 Dec 2025 22:10	RC/JU	Ok
21	PB170917BL	BN038362.D	12 Dec 2025 22:47	RC/JU	ReRun

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3839-01	BN038363.D	12 Dec 2025 23:24	RC/JU	ReRun
23	Q3839-02	BN038364.D	13 Dec 2025 00:00	RC/JU	ReRun
24	Q3839-03MS	BN038365.D	13 Dec 2025 00:37	RC/JU	ReRun
25	Q3839-04MSD	BN038366.D	13 Dec 2025 01:13	RC/JU	ReRun
26	Q3839-05	BN038367.D	13 Dec 2025 01:50	RC/JU	ReRun
27	Q3839-06	BN038368.D	13 Dec 2025 02:27	RC/JU	ReRun
28	Q3839-07	BN038369.D	13 Dec 2025 03:03	RC/JU	ReRun
29	Q3839-08	BN038370.D	13 Dec 2025 03:40	RC/JU	ReRun
30	Q3839-11	BN038371.D	13 Dec 2025 04:16	RC/JU	ReRun
31	Q3839-12	BN038372.D	13 Dec 2025 04:53	RC/JU	ReRun
32	Q3839-13	BN038373.D	13 Dec 2025 05:29	RC/JU	ReRun
33	Q3839-14	BN038374.D	13 Dec 2025 06:06	RC/JU	ReRun
34	Q3839-15	BN038375.D	13 Dec 2025 06:42	RC/JU	ReRun
35	Q3839-16	BN038376.D	13 Dec 2025 07:18	RC/JU	ReRun
36	PB170917BS	BN038377.D	13 Dec 2025 07:55	RC/JU	Ok,M
37	SSTDCCC0.4	BN038378.D	13 Dec 2025 09:08	RC/JU	Ok
38	DFTPP	BN038379.D	13 Dec 2025 10:24	RC/JU	Ok
39	SSTDCCC0.4	BN038380.D	13 Dec 2025 11:03	RC/JU	Ok
40	PB170919BL	BN038381.D	13 Dec 2025 11:39	RC/JU	Not Ok
41	Q3828-05DL	BN038382.D	13 Dec 2025 12:16	RC/JU	Ok
42	Q3839-17	BN038383.D	13 Dec 2025 12:52	RC/JU	Ok
43	Q3839-18	BN038384.D	13 Dec 2025 13:28	RC/JU	Not Ok
44	Q3839-19MS	BN038385.D	13 Dec 2025 14:04	RC/JU	Not Ok

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q3839-19MSD	BN038386.D	13 Dec 2025 14:40	RC/JU	Not Ok
46	Q3839-09	BN038387.D	13 Dec 2025 15:16	RC/JU	Ok,M
47	Q3839-10	BN038388.D	13 Dec 2025 15:52	RC/JU	Dilution
48	Q3839-21	BN038389.D	13 Dec 2025 16:28	RC/JU	Not Ok
49	Q3839-22	BN038390.D	13 Dec 2025 17:04	RC/JU	Not Ok
50	Q3839-23	BN038391.D	13 Dec 2025 17:41	RC/JU	Not Ok
51	Q3839-24	BN038392.D	13 Dec 2025 18:17	RC/JU	Not Ok
52	Q3839-25	BN038393.D	13 Dec 2025 18:54	RC/JU	Not Ok
53	Q3839-26	BN038394.D	13 Dec 2025 19:30	RC/JU	Not Ok
54	PB170919BS	BN038395.D	13 Dec 2025 20:06	RC/JU	Not Ok
55	SSTDCCC0.4	BN038396.D	13 Dec 2025 21:18	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121025

Review By	rahul	Review On	12/11/2025 4:30:54 PM
Supervise By	mohammad	Supervise On	12/13/2025 12:56:07 AM
SubDirectory	BN121025	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038297.D	10 Dec 2025 09:12		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN038298.D	10 Dec 2025 09:52		RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN038299.D	10 Dec 2025 10:28		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN038300.D	10 Dec 2025 11:05		RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN038301.D	10 Dec 2025 11:41		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN038302.D	10 Dec 2025 12:17		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN038303.D	10 Dec 2025 12:53		RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN038304.D	10 Dec 2025 13:30	Comp# 20 (4,6-Dinitro-2-methylphenol) removed from 5.0 ng level	RC/JU	Ok
9	SSTDICV0.4	ICVBN121025	BN038305.D	10 Dec 2025 14:06		RC/JU	Ok
10	PB170590BL	PB170590BL	BN038306.D	10 Dec 2025 14:42		RC/JU	Ok
11	Q3483-11	HW1025-PT-BNA-SOIL	BN038307.D	10 Dec 2025 15:18	Need 100X Dilution	RC/JU	Dilution
12	Q3483-11DL	HW1025-PT-BNA-SOIL	BN038308.D	10 Dec 2025 15:54		RC/JU	Ok,M
13	SSTDCCC0.4	SSTDCCC0.4EC	BN038309.D	10 Dec 2025 17:15		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN038342.D	12 Dec 2025 08:45		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN038343.D	12 Dec 2025 09:24	Compound #20, 24 fail low.	RC/JU	Ok
3	PB170912BL	PB170912BL	BN038344.D	12 Dec 2025 10:00		RC/JU	Ok
4	Q3788-01DL	OWBR-05-135-120525	BN038345.D	12 Dec 2025 10:36		RC/JU	Ok
5	Q3813-01	BR-04DR-451-120825	BN038346.D	12 Dec 2025 11:12		RC/JU	Ok
6	Q3813-03	EB01-120825	BN038347.D	12 Dec 2025 11:49		RC/JU	Ok
7	Q3828-01	BR-02-133-120925	BN038348.D	12 Dec 2025 12:25		RC/JU	Ok
8	Q3828-03	OWBR-06-219-120925	BN038349.D	12 Dec 2025 13:01		RC/JU	Ok,M
9	Q3828-05	RMW-03B-90-120925	BN038350.D	12 Dec 2025 13:38	Need 5X Dilution	RC/JU	Dilution
10	Q3828-06	OWBR-03-138-120925	BN038351.D	12 Dec 2025 14:14		RC/JU	Ok
11	Q3828-08	FB01-120925	BN038352.D	12 Dec 2025 15:26		RC/JU	Ok
12	Q3835-01	MW-11A-13.5-121025	BN038353.D	12 Dec 2025 16:02		RC/JU	Ok
13	Q3835-02	OWBR-01-170-121025	BN038354.D	12 Dec 2025 16:38		RC/JU	Ok
14	Q3835-04	MW-118-37.5-121025	BN038355.D	12 Dec 2025 17:14	Need 20X Dilution	RC/JU	Dilution
15	Q3835-05	MW-01-7-121025	BN038356.D	12 Dec 2025 17:50		RC/JU	Ok
16	PB170912BS	PB170912BS	BN038357.D	12 Dec 2025 18:27		RC/JU	Ok,M
17	PB170912BSD	PB170912BSD	BN038358.D	12 Dec 2025 19:03		RC/JU	Ok,M
18	SSTDCCC0.4	SSTDCCC0.4EC	BN038359.D	12 Dec 2025 20:16	Compound #20 fail low.	RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	DFTPP	DFTPP	BN038360.D	12 Dec 2025 21:31		RC/JU	Ok
20	SSTDCCC0.4	SSTDCCC0.4	BN038361.D	12 Dec 2025 22:10	Compound #20, 24 fail low.	RC/JU	Ok
21	PB170917BL	PB170917BL	BN038362.D	12 Dec 2025 22:47	CCC fail low for compound #24.	RC/JU	ReRun
22	Q3839-01	C0AM5	BN038363.D	12 Dec 2025 23:24	CCC fail low for compound #24.	RC/JU	ReRun
23	Q3839-02	C0AM6	BN038364.D	13 Dec 2025 00:00	CCC fail low for compound #24.	RC/JU	ReRun
24	Q3839-03MS	C0AM6MS	BN038365.D	13 Dec 2025 00:37	CCC fail low for compound #24.	RC/JU	ReRun
25	Q3839-04MSD	C0AM6MSD	BN038366.D	13 Dec 2025 01:13	CCC fail low for compound #24.	RC/JU	ReRun
26	Q3839-05	C0AN1	BN038367.D	13 Dec 2025 01:50	CCC fail low for compound #24.	RC/JU	ReRun
27	Q3839-06	C0AN2	BN038368.D	13 Dec 2025 02:27	CCC fail low for compound #24.	RC/JU	ReRun
28	Q3839-07	C0AN3	BN038369.D	13 Dec 2025 03:03	CCC fail low for compound #24.	RC/JU	ReRun
29	Q3839-08	C0AN4	BN038370.D	13 Dec 2025 03:40	CCC fail low for compound #24.	RC/JU	ReRun
30	Q3839-11	C0AN7	BN038371.D	13 Dec 2025 04:16	CCC fail low for compound #24.	RC/JU	ReRun
31	Q3839-12	C0AS1	BN038372.D	13 Dec 2025 04:53	CCC fail low for compound #24.	RC/JU	ReRun
32	Q3839-13	C0AS2	BN038373.D	13 Dec 2025 05:29	CCC fail low for compound #24.	RC/JU	ReRun
33	Q3839-14	C0AS3	BN038374.D	13 Dec 2025 06:06	CCC fail low for compound #24.	RC/JU	ReRun
34	Q3839-15	C0AS4	BN038375.D	13 Dec 2025 06:42	CCC fail low for compound #24.	RC/JU	ReRun
35	Q3839-16	C0B02	BN038376.D	13 Dec 2025 07:18	CCC fail low for compound #24.	RC/JU	ReRun
36	PB170917BS	PB170917BS	BN038377.D	13 Dec 2025 07:55		RC/JU	Ok,M
37	SSTDCCC0.4	SSTDCCC0.4EC	BN038378.D	13 Dec 2025 09:08		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940		
CCC	SP6945		
Internal Standard/PEM	SP6907,10ul/1000ul sample		
ICV/I.BLK	SP6949		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	DFTPP	DFTPP	BN038379.D	13 Dec 2025 10:24		RC/JU	Ok
39	SSTDCCC0.4	SSTDCCC0.4	BN038380.D	13 Dec 2025 11:03	Compound #20 fail low.	RC/JU	Ok
40	PB170919BL	PB170919BL	BN038381.D	13 Dec 2025 11:39	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
41	Q3828-05DL	RMW-03B-90-120925D	BN038382.D	13 Dec 2025 12:16		RC/JU	Ok
42	Q3839-17	C0B11	BN038383.D	13 Dec 2025 12:52		RC/JU	Ok
43	Q3839-18	C0AM7	BN038384.D	13 Dec 2025 13:28	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
44	Q3839-19MS	C0AM7MS	BN038385.D	13 Dec 2025 14:04	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
45	Q3839-19MSD	C0AM7MSD	BN038386.D	13 Dec 2025 14:40	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
46	Q3839-09	C0AN5	BN038387.D	13 Dec 2025 15:16		RC/JU	Ok,M
47	Q3839-10	C0AN6	BN038388.D	13 Dec 2025 15:52	Need 5X.	RC/JU	Dilution
48	Q3839-21	C0B09	BN038389.D	13 Dec 2025 16:28	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
49	Q3839-22	C0AT4	BN038390.D	13 Dec 2025 17:04	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
50	Q3839-23	C0AT5	BN038391.D	13 Dec 2025 17:41	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
51	Q3839-24	C0AT6	BN038392.D	13 Dec 2025 18:17	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
52	Q3839-25	C0AT7	BN038393.D	13 Dec 2025 18:54	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
53	Q3839-26	C0AT8	BN038394.D	13 Dec 2025 19:30	Wrong Sample (Total Scan sample)	RC/JU	Not Ok
54	PB170919BS	PB170919BS	BN038395.D	13 Dec 2025 20:06	Wrong Sample (Total Scan sample)	RC/JU	Not Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN121225

Review By	rahul	Review On	12/12/2025 3:41:10 PM
Supervise By	Jagrut	Supervise On	12/15/2025 2:17:39 PM
SubDirectory	BN121225	HP Acquire Method	BNA_N, 8270_HP Processing Method BN121025

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6947,SP6946,SP6945,SP6944,SP6943,SP6942,SP6940
CCC	SP6945
Internal Standard/PEM	SP6907,10ul/1000ul sample
ICV/I.BLK	SP6949
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

55	SSTDCCC0.4	SSTDCCC0.4EC	BN038396.D	13 Dec 2025 21:18		RC/JU	Ok
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M : Manual Integration

A
B
C
D
E
F
G
H
I
J
K

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A **Extraction Start Date :** 12/11/2025

Matrix : Water **Extraction Start Time :** 09:37

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 12/11/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:40

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3953 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6938
Surrogate	1.0ML	0.4 PPM	SP6950
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	E3986
Baked Na2SO4	N/A	EP2665
H2SO4 1:1	N/A	EP2657
10N NaoH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

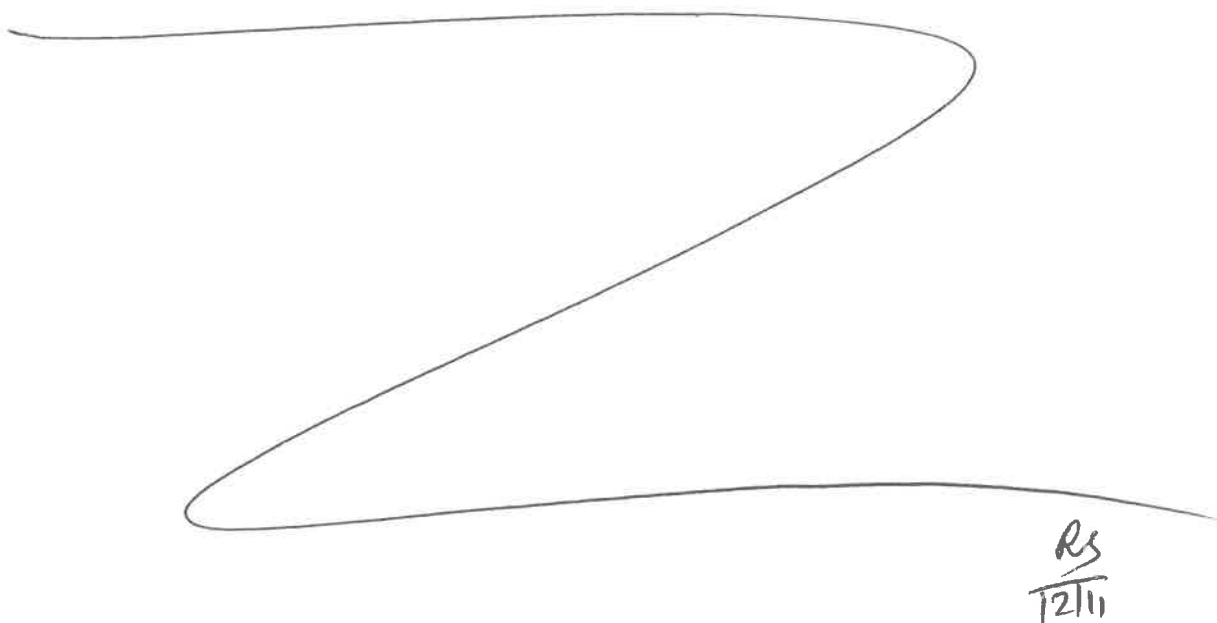
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/11/25	RS (CB4 Lab)	Rc/svoc
14:45	Preparation Group	Analysis Group

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

Concentration Date: 12/11/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr / Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170912BL	SBLK912	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			SEP-1
PB170912BS	SLCS912	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			2
PB170912BS D	SLCSD912	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1			3
Q3813-01	BR-04DR-451-120825	SVOC-SIMGrou p1	990	6	RUPEsh	ritesh	1	D		4
Q3813-03	EB01-120825	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1	G		5
Q3828-01	BR-02-133-120925	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		6
Q3828-03	OWBR-06-219-120925	SVOC-SIMGrou p1	890	11	RUPEsh	ritesh	1	D		7
Q3828-05	RMW-03B-90-120925	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		8
Q3828-06	OWBR-03-138-120925	SVOC-SIMGrou p1	920	11	RUPEsh	ritesh	1	D		9
Q3828-08	FB01-120925	SVOC-SIMGrou p1	920	6	RUPEsh	ritesh	1	D		10
Q3835-01	MW-11A-13.5-121025	SVOC-SIMGrou p1	910	6	RUPEsh	ritesh	1	D		11
Q3835-02	OWBR-01-170-121025	SVOC-SIMGrou p1	950	6	RUPEsh	ritesh	1	D		12
Q3835-04	MW-118-37.5-121025	SVOC-SIMGrou p1	1000	6	RUPEsh	ritesh	1	D		13
Q3835-05	MW-01-7-121025	SVOC-SIMGrou p1	960	6	RUPEsh	ritesh	1	D		14



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3813 WorkList ID : 193598 Department : Extraction Date : 12-11-2025 09:31:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3813-01	BR-04DR-451-120825	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/08/2025	8270-Modified
Q3813-03	EB01-120825	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/08/2025	8270-Modified
Q3828-01	BR-02-133-120925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/09/2025	8270-Modified
Q3828-03	OWBR-06-219-120925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/09/2025	8270-Modified
Q3828-05	RMW-03B-90-120925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/09/2025	8270-Modified
Q3828-06	OWBR-03-138-120925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/09/2025	8270-Modified
Q3828-08	FB01-120925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/09/2025	8270-Modified
Q3835-01	MW-11A-13.5-121025	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/10/2025	8270-Modified
Q3835-02	OWBR-01-170-121025	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/10/2025	8270-Modified
Q3835-04	MW-118-37.5-121025	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/10/2025	8270-Modified
Q3835-05	MW-01-7-121025	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	A11	12/10/2025	8270-Modified

Date/Time 12/11/25 9:32
Raw Sample Received by: RS (Ext-662)
Raw Sample Relinquished by: CR SM

Date/Time 12/11/25 10:15
Raw Sample Received by: CR SM
Raw Sample Relinquished by: RS (Ext-662)



LAB CHRONICLE

OrderID:	Q3813	OrderDate:	12/8/2025 4:06:00 PM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3813-01	BR-04DR-451-120825	Water	SVOC-SIMGroup1	8270-Modified	12/08/25	12/11/25	12/12/25	12/08/25
Q3813-03	EB01-120825	Water	SVOC-SIMGroup1	8270-Modified	12/08/25	12/11/25	12/12/25	12/08/25