Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037913.D
Acq On : 26 Sep 2025 06:30
Operator : RC/JU
Sample : Q3156-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Quant Time: Sep 26 07:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6448	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20010	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	10991	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21769	0.400	ng	0.00
29) Chrysene-d12	21.402	240	15802	0.400	ng	0.00
35) Perylene-d12	23.730	264	12170	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2258	0.153	ng	0.00
5) Phenol-d6	6.973	99	1731	0.090	ng	0.00
8) Nitrobenzene-d5	8.971	82	5500	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	9861	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1575	0.378	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15980	0.355	ng	0.00
27) Fluoranthene-d10	19.252	212	23782	0.434	ng	0.00
31) Terphenyl-d14	19.852	244	19137	0.608	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	688	0.105	ng	# 1
9) Naphthalene	10.669	128	1263	0.023	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.322	149	1816	0.083	ng	# 99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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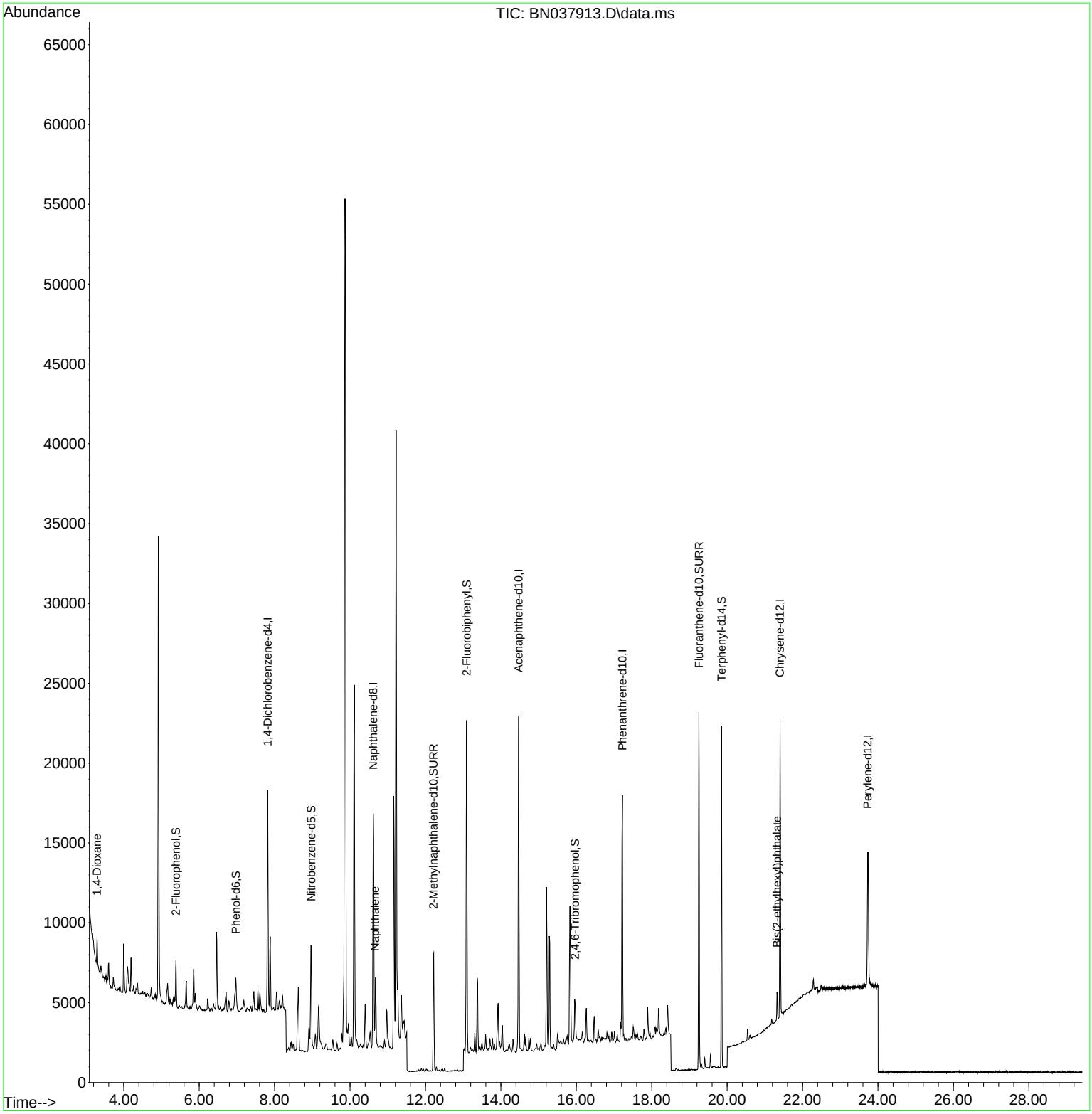
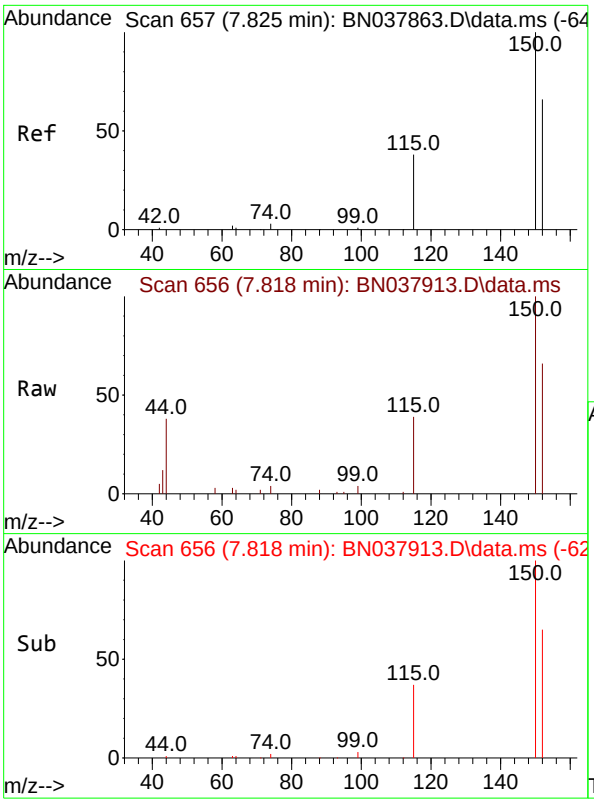


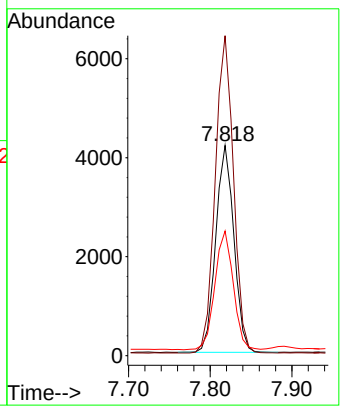


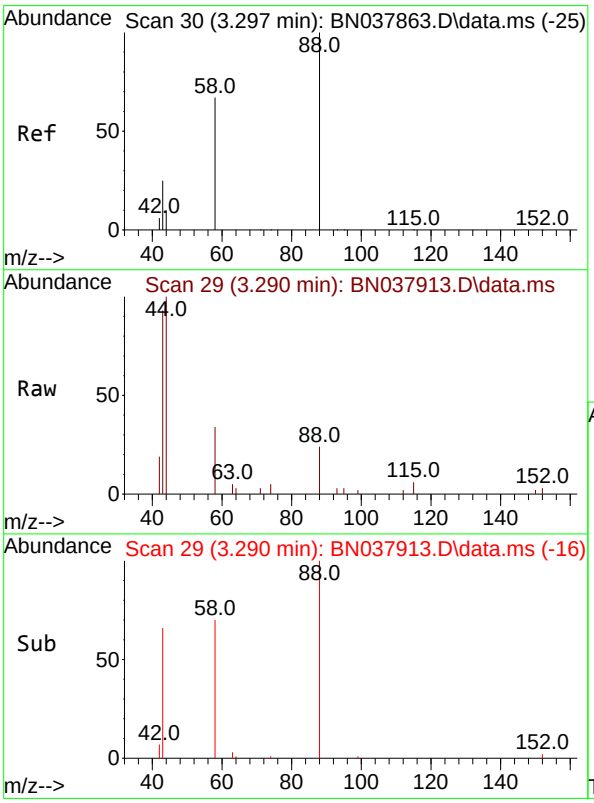
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:152 Resp: 6448

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.0	181.4
115	59.3	47.4	71.0

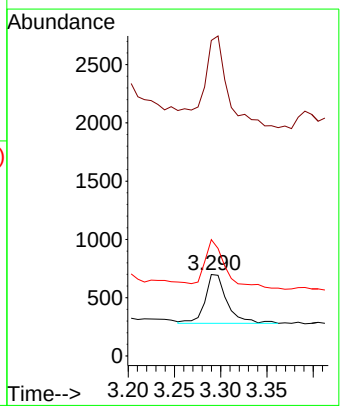


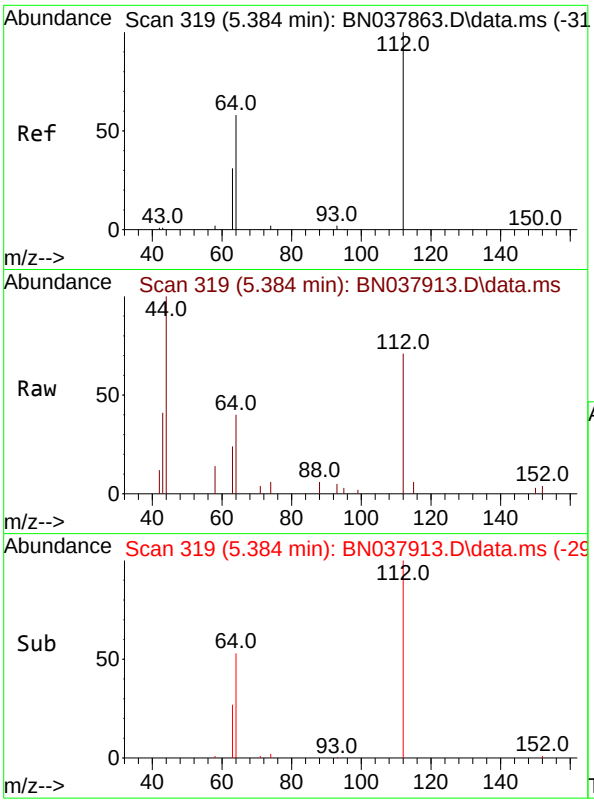


#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion: 88 Resp: 688

Ion	Ratio	Lower	Upper
88	100		
43	190.1	26.6	39.8#
58	91.3	58.9	88.3#



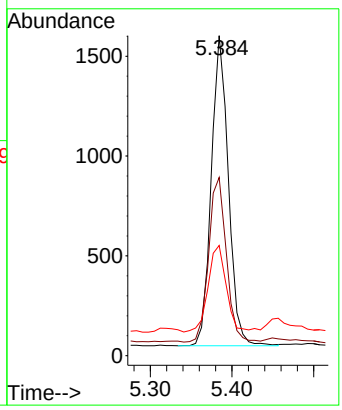


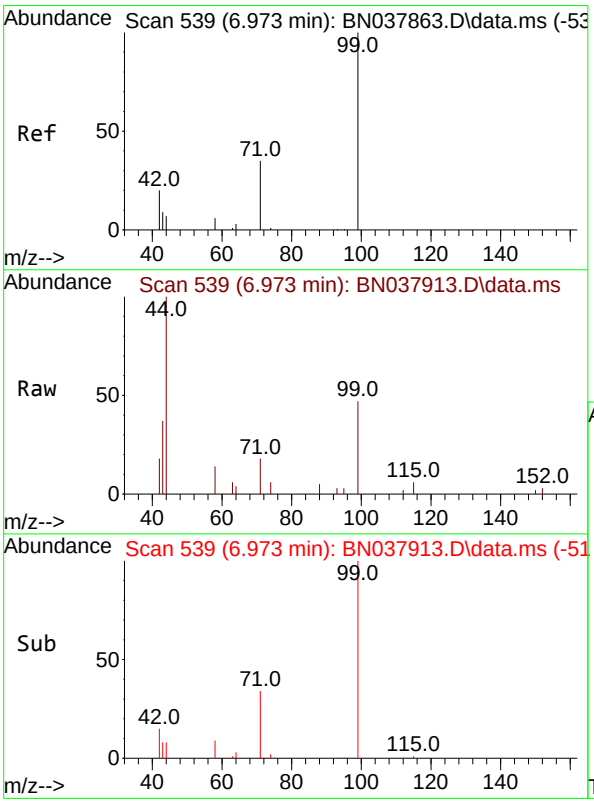
#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:112 Resp: 2258

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.6	66.8
63	29.5	24.9	37.3

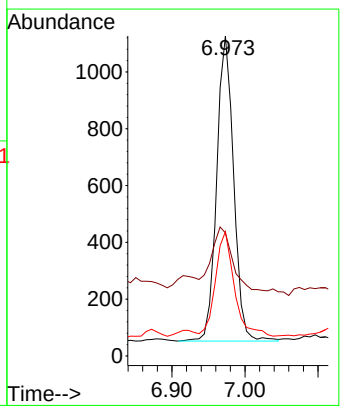


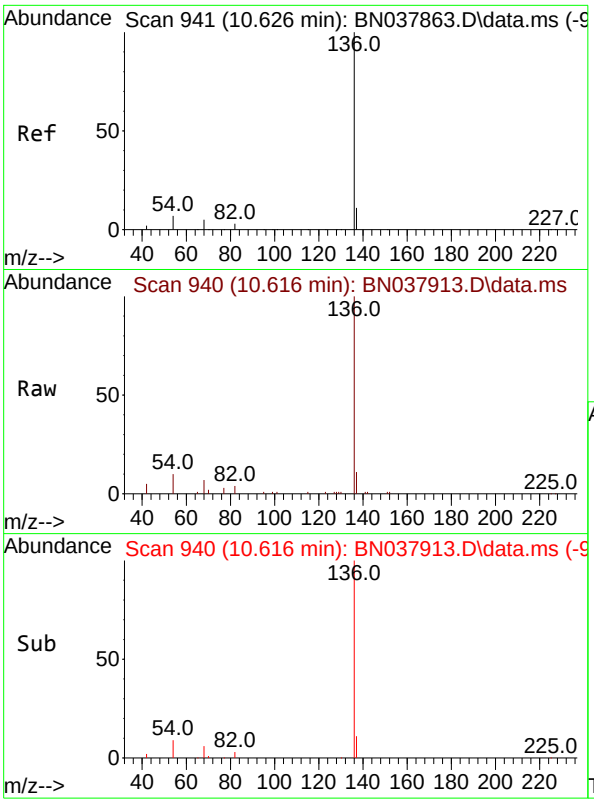


#5
Phenol-d6
Concen: 0.090 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion: 99 Resp: 1731

Ion	Ratio	Lower	Upper
99	100		
42	31.8	17.2	25.8#
71	37.5	27.3	40.9



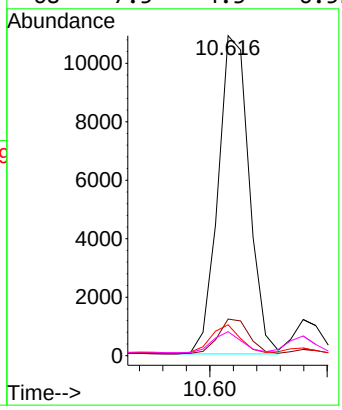


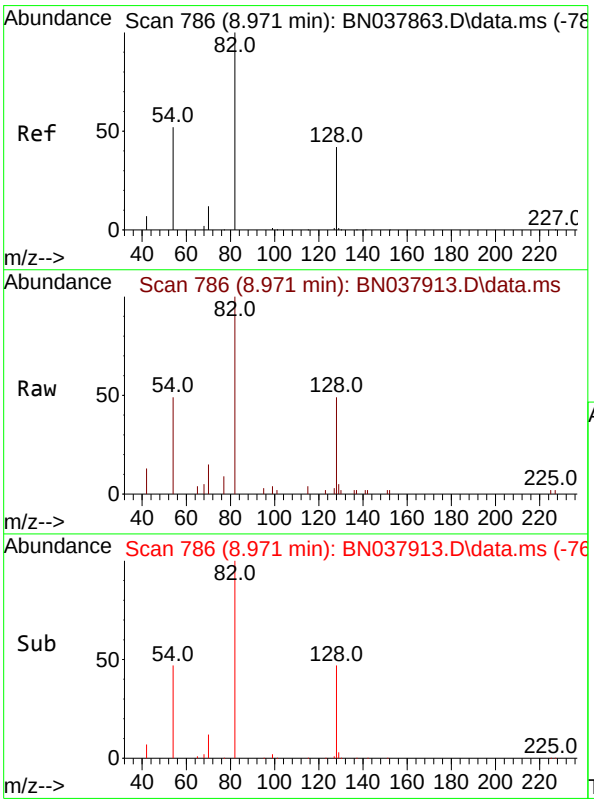
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:136 Resp: 20010

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.6	5.8	8.8#
68	7.5	4.3	6.5#

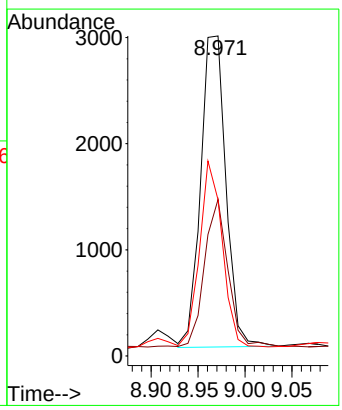


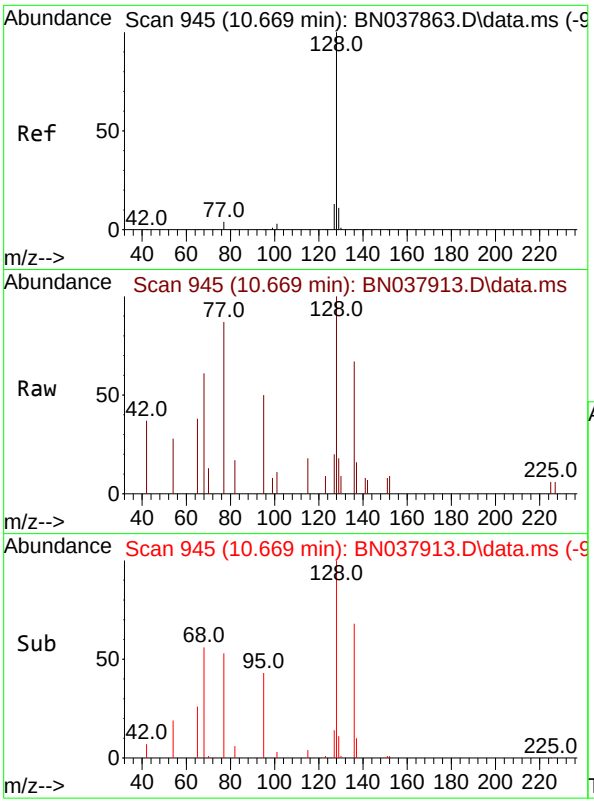


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion: 82 Resp: 5500

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.8	52.2
54	48.8	42.2	63.2



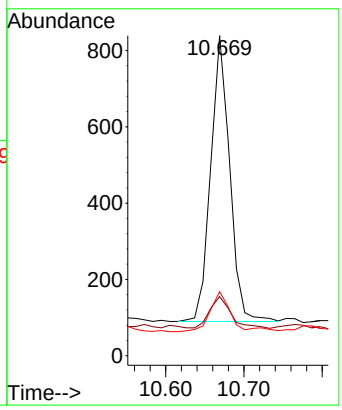


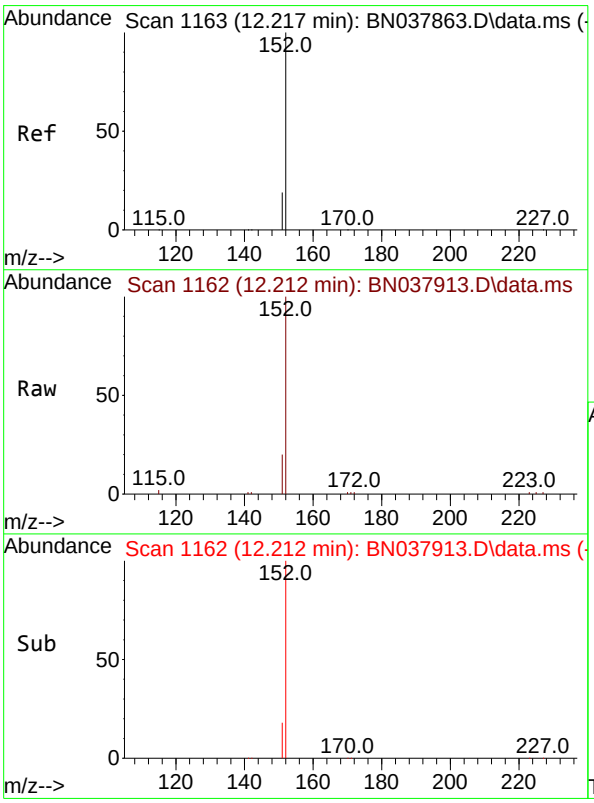
#9
Naphthalene
Concen: 0.023 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:128 Resp: 1263

Ion	Ratio	Lower	Upper
128	100		
129	18.5	9.2	13.8#
127	20.0	11.0	16.6#

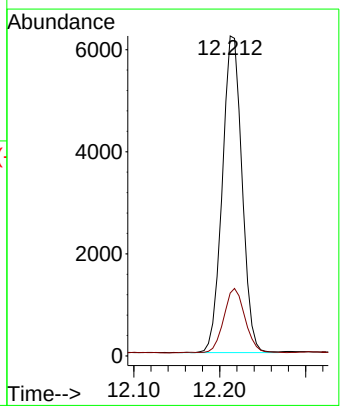


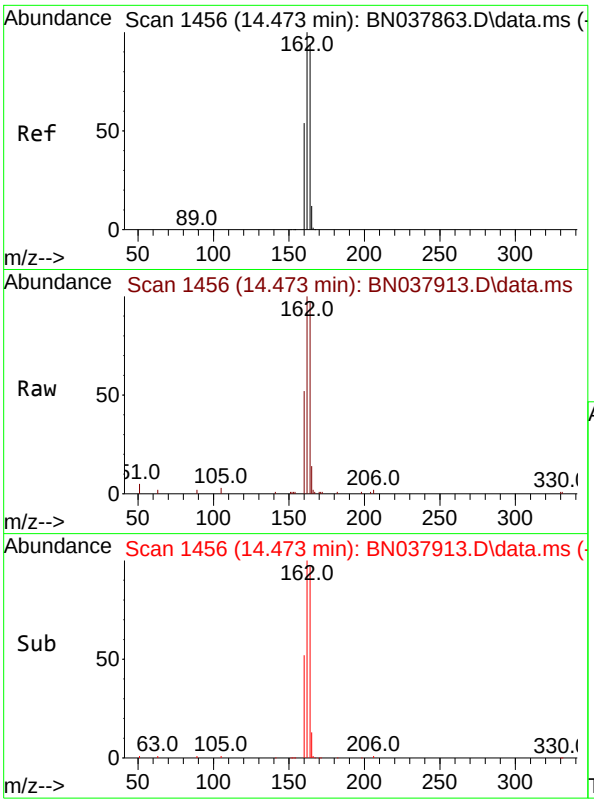


#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:152 Resp: 9861

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.4	26.2



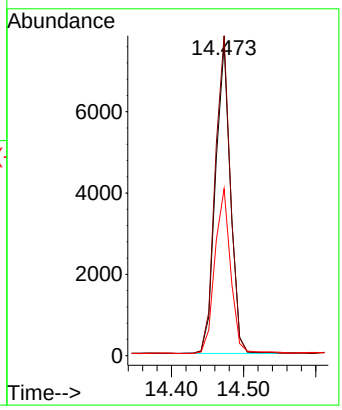


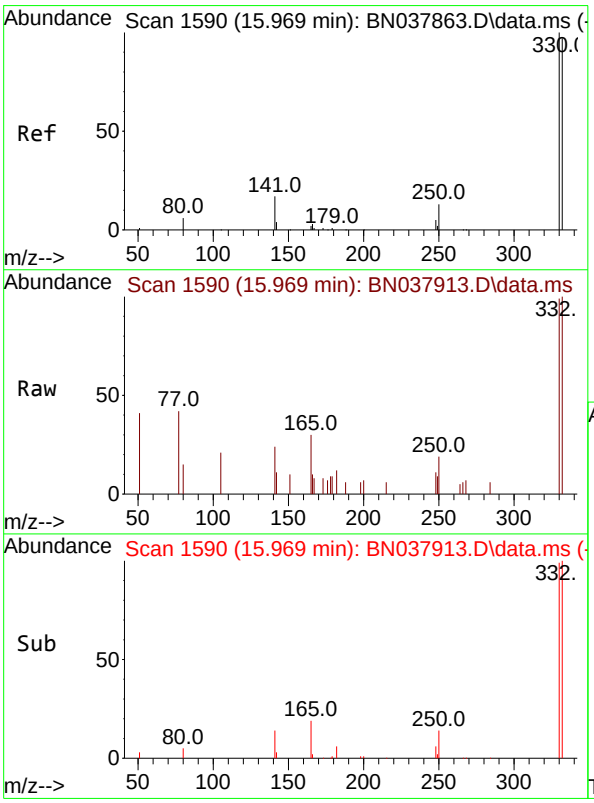
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:164 Resp: 10991

Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.8	127.2
160	53.7	46.1	69.1

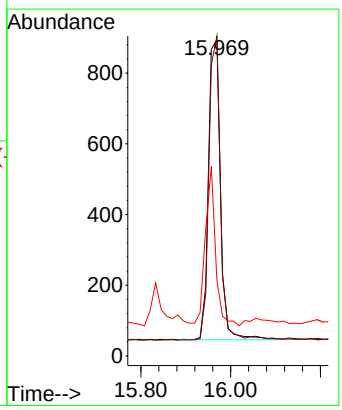


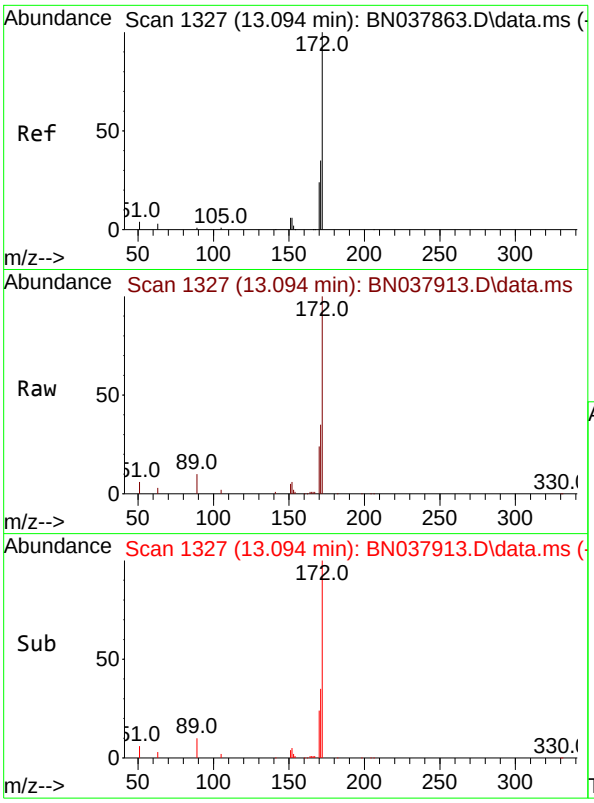


#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:330 Resp: 1575

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.2	115.8
141	44.9	37.2	55.8



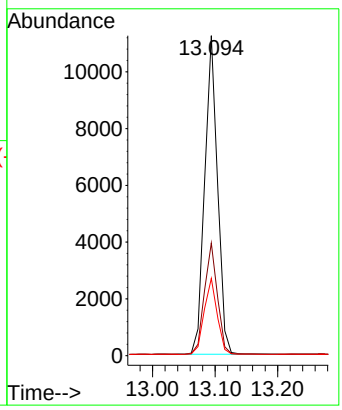


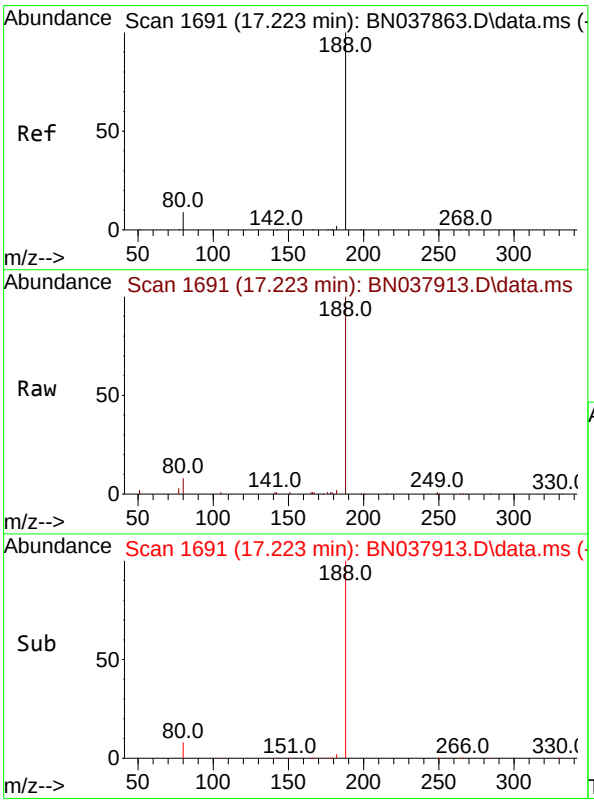
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.094 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:172 Resp: 15980

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	24.1	19.7	29.5

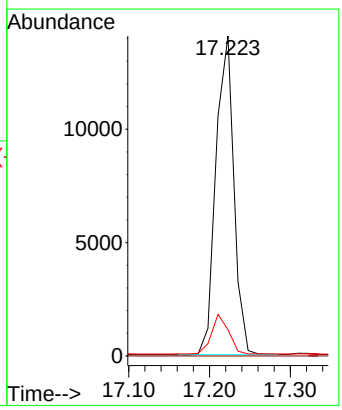


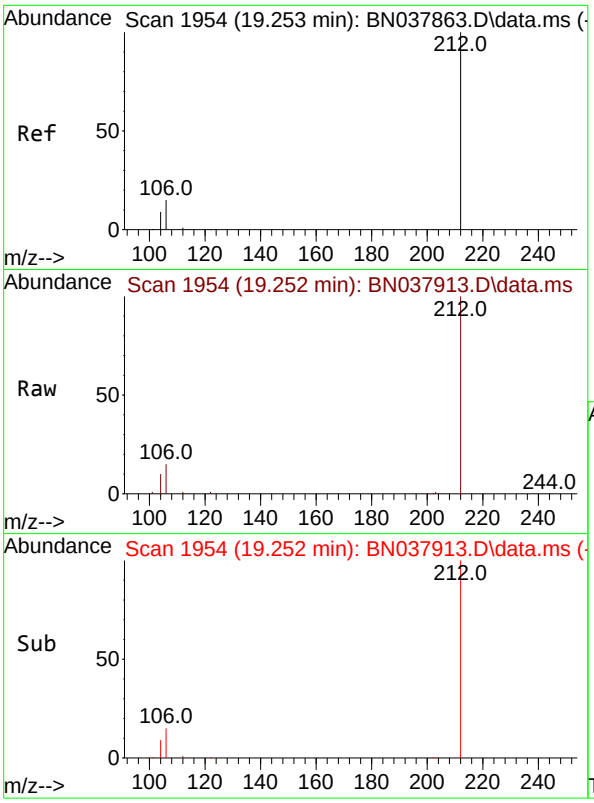


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:188 Resp: 21769

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	7.6	11.4



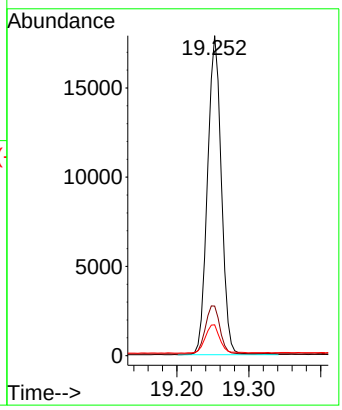


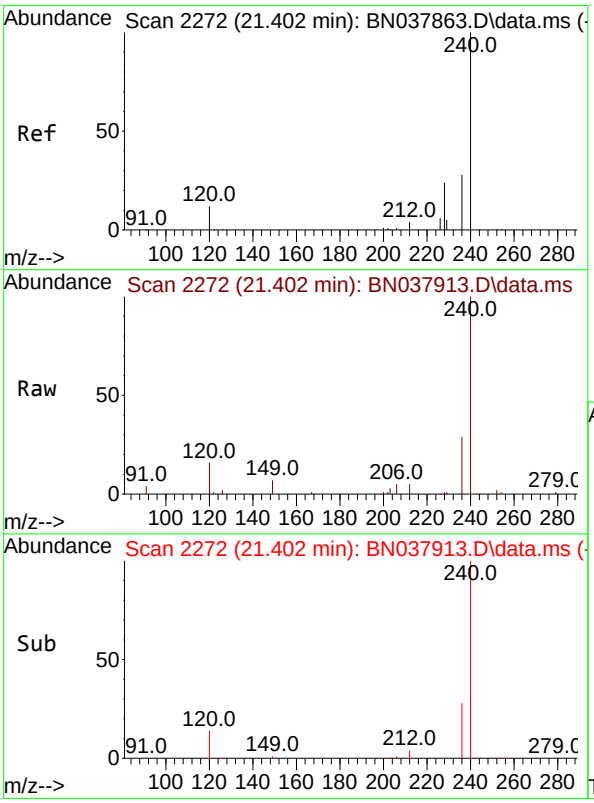
#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:212 Resp: 23782

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.6	7.4	11.0

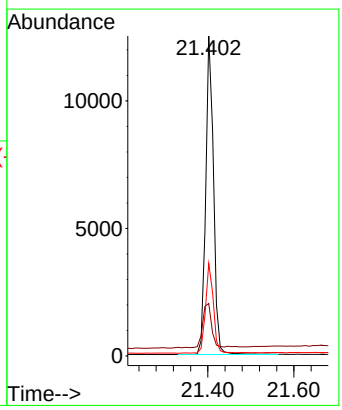


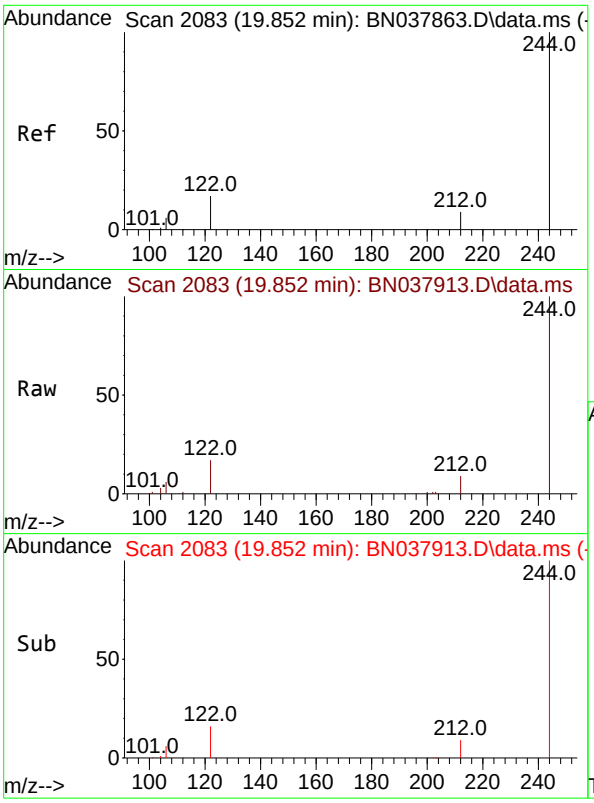


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:240 Resp: 15802

Ion	Ratio	Lower	Upper
240	100		
120	16.4	11.4	17.2
236	28.9	23.0	34.6



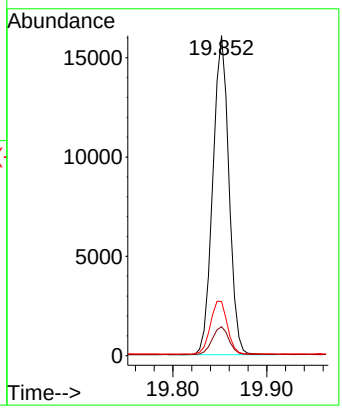


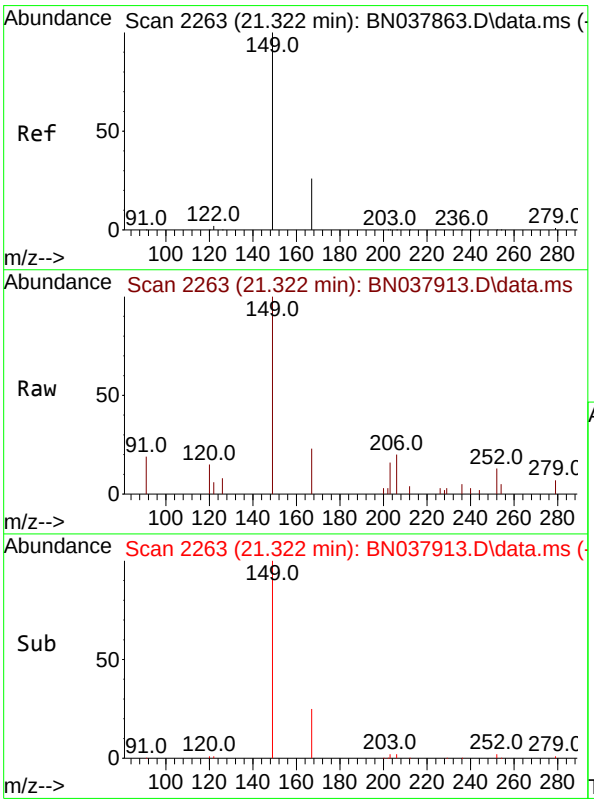
#31
Terphenyl-d14
Concen: 0.608 ng
RT: 19.852 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:244 Resp: 19137

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	16.9	13.9	20.9

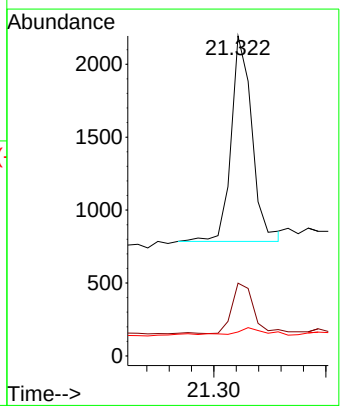


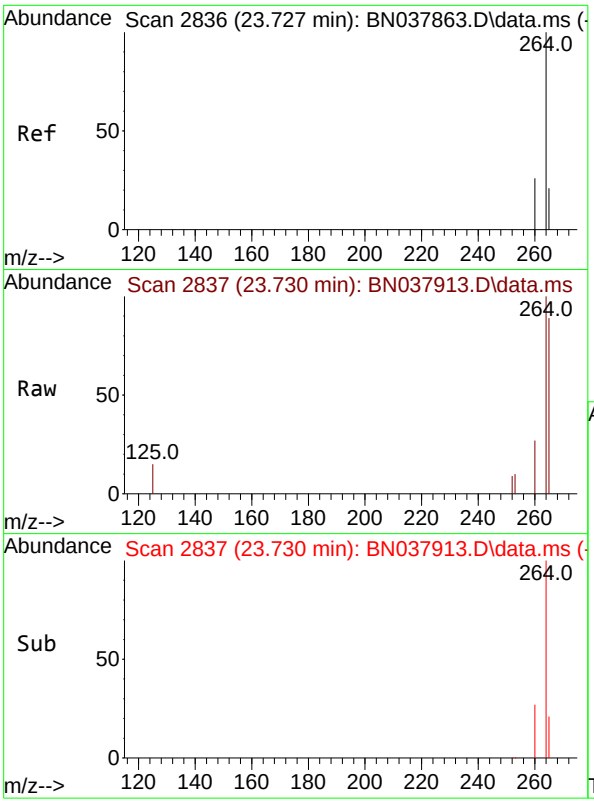


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Tgt Ion:149 Resp: 1816

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.4	30.6
279	4.2	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037913.D
Acq: 26 Sep 2025 06:30

Instrument :
BNA_N
ClientSampleId :
EB03-20250918

Tgt Ion:264 Resp: 12170

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.5	32.3
265	89.3	53.8	80.6#