Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037912.D
Acq On : 26 Sep 2025 05:54
Operator : RC/JU
Sample : Q3156-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Quant Time: Sep 26 07:39:51 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	7190	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20705	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11165	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22532	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16225	0.400	ng	0.00
35) Perylene-d12	23.733	264	12882	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2509	0.153	ng	0.00
5) Phenol-d6	6.973	99	1887	0.088	ng	0.00
8) Nitrobenzene-d5	8.971	82	5598	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	12.212	152	8789	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1618	0.382	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	14502	0.317	ng	0.00
27) Fluoranthene-d10	19.252	212	24060	0.424	ng	0.00
31) Terphenyl-d14	19.852	244	17046	0.527	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	669	0.092	ng	# 1
9) Naphthalene	10.669	128	1342	0.024	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.322	149	1924	0.086	ng	# 98

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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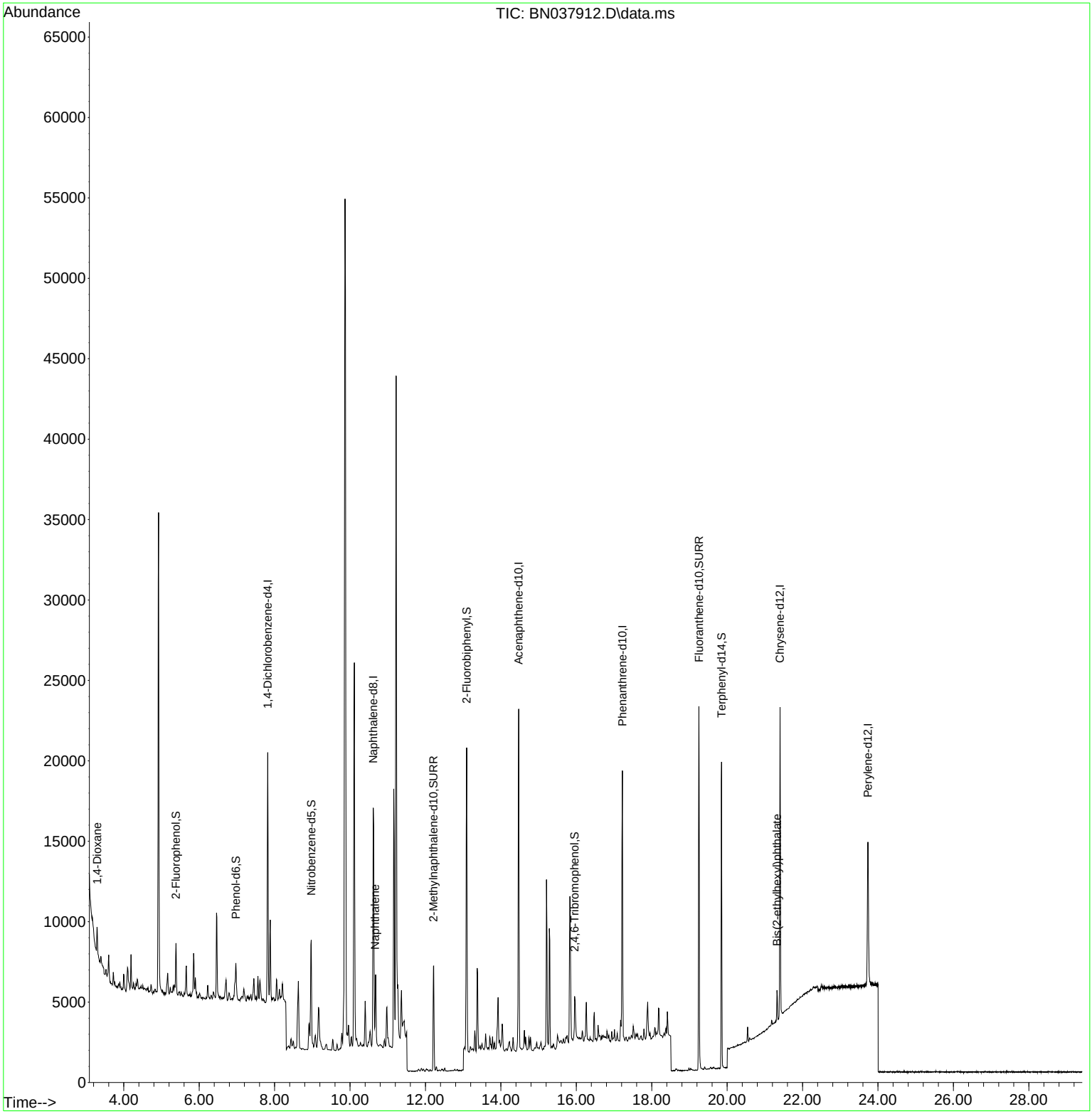
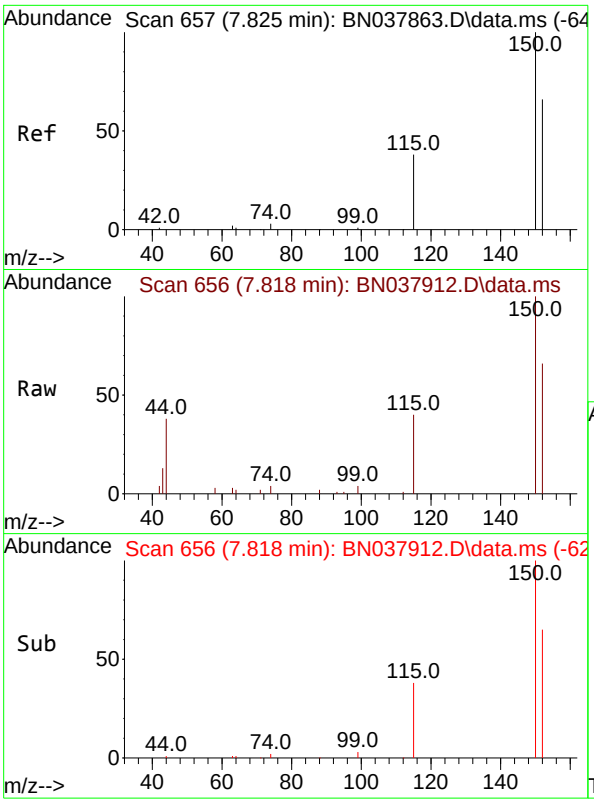


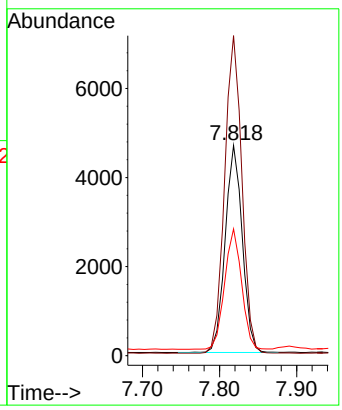


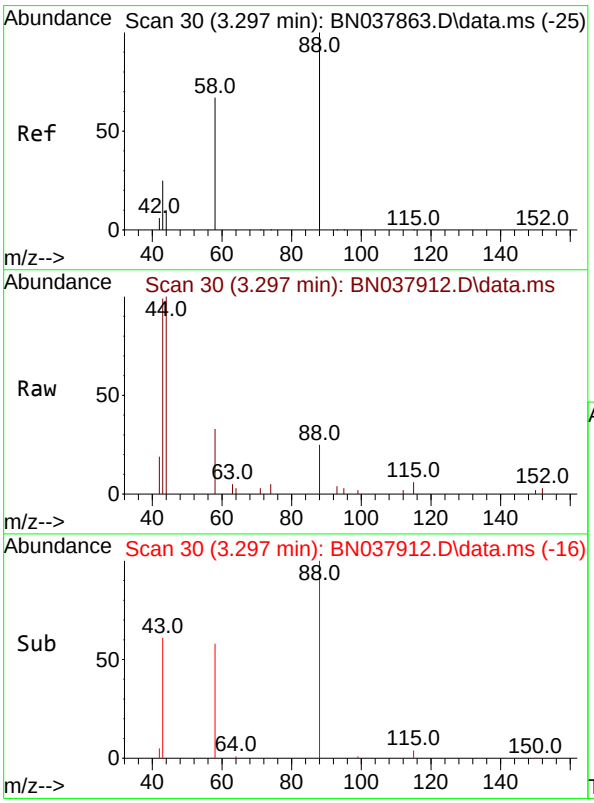
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:152 Resp: 7190

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.0	181.4
115	60.2	47.4	71.0

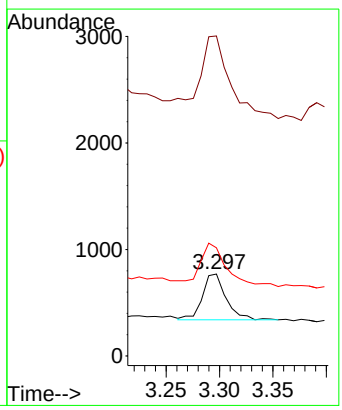


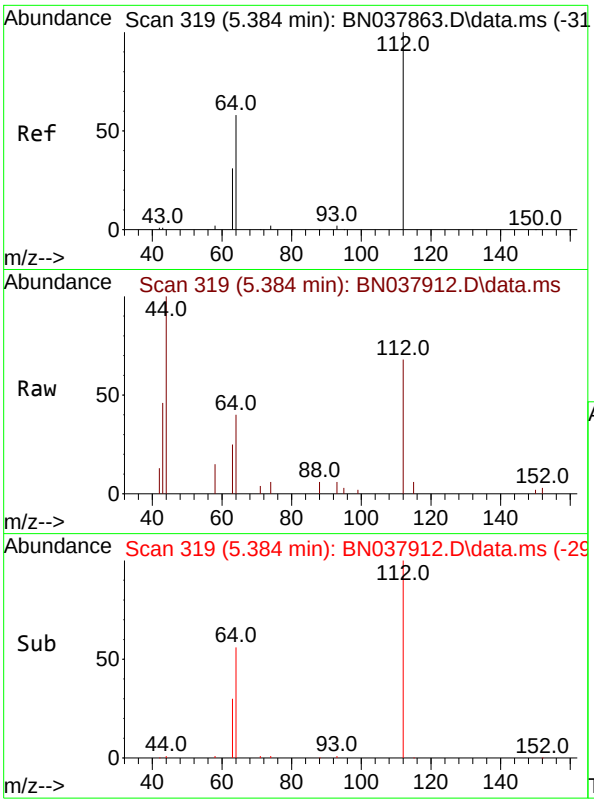


#2
1,4-Dioxane
Concen: 0.092 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion: 88 Resp: 669

Ion	Ratio	Lower	Upper
88	100		
43	219.1	26.6	39.8#
58	103.7	58.9	88.3#



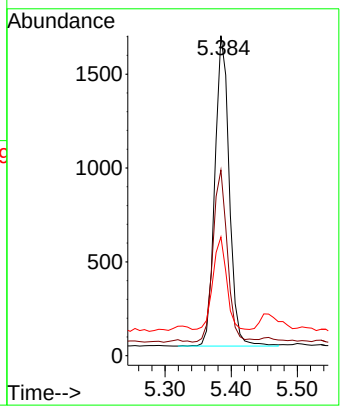


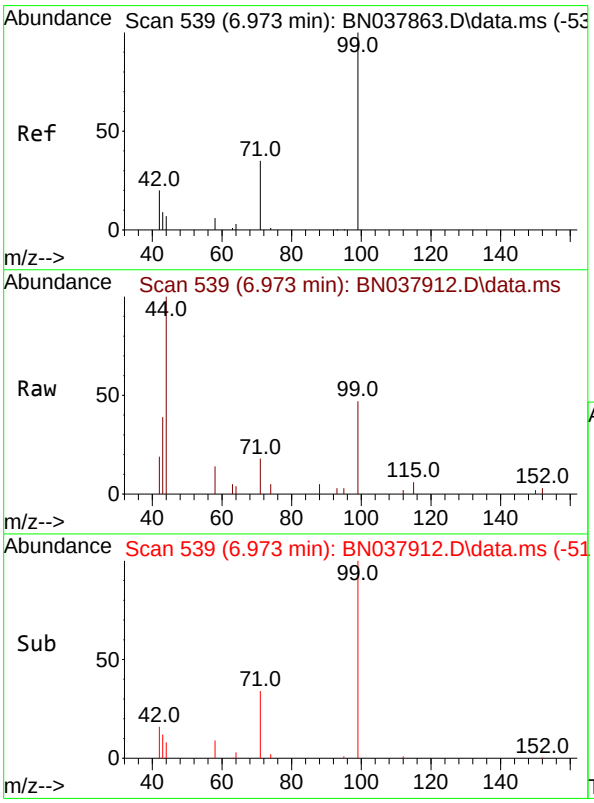
#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:112 Resp: 2509

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.6	66.8
63	30.0	24.9	37.3

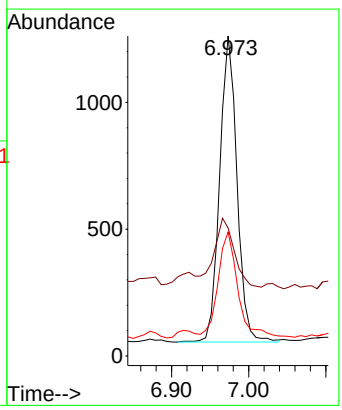


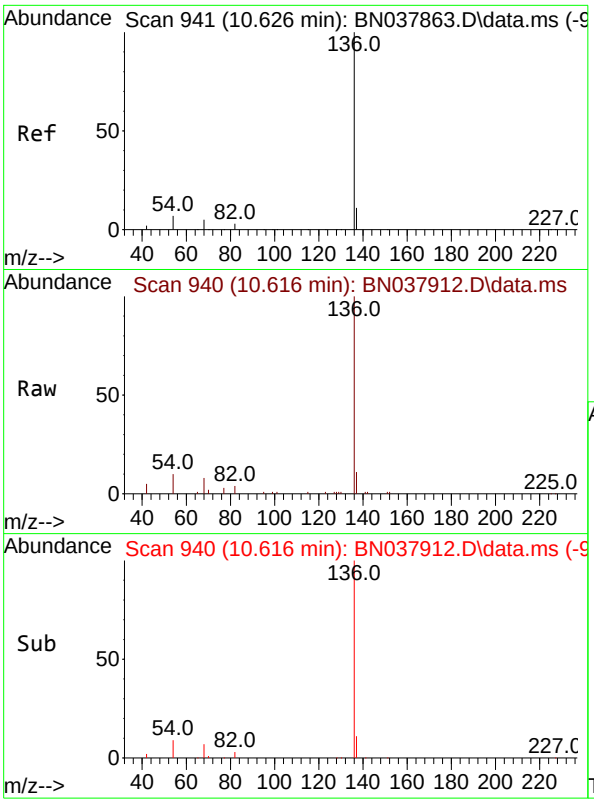


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion: 99 Resp: 1887

Ion	Ratio	Lower	Upper
99	100		
42	25.5	17.2	25.8
71	39.0	27.3	40.9



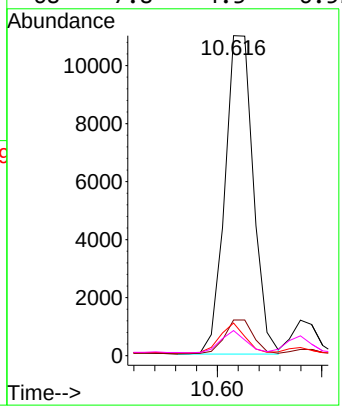


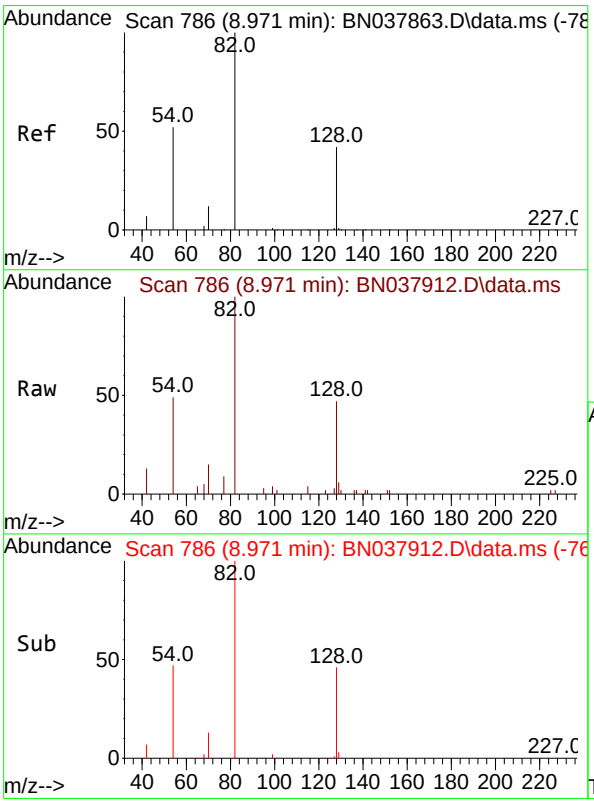
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:136 Resp: 20705

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.2	5.8	8.8#
68	7.8	4.3	6.5#

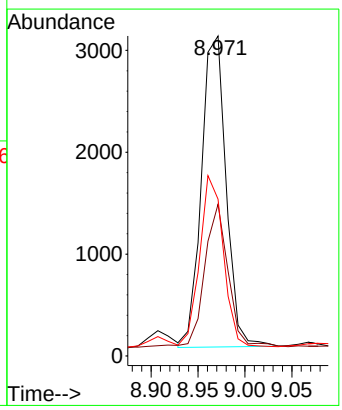


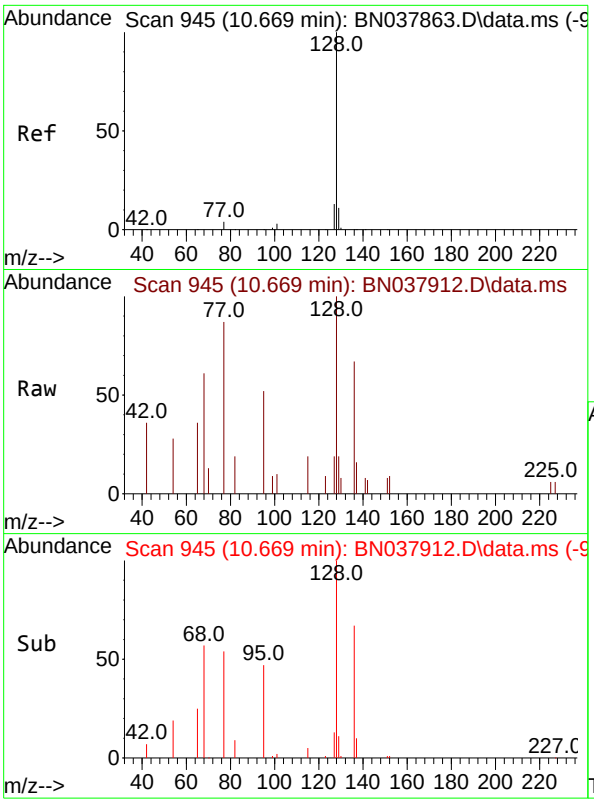


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion: 82 Resp: 5598

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.8	52.2
54	49.0	42.2	63.2



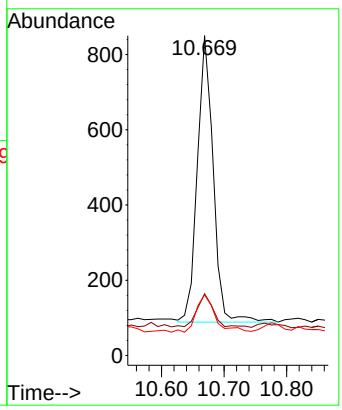


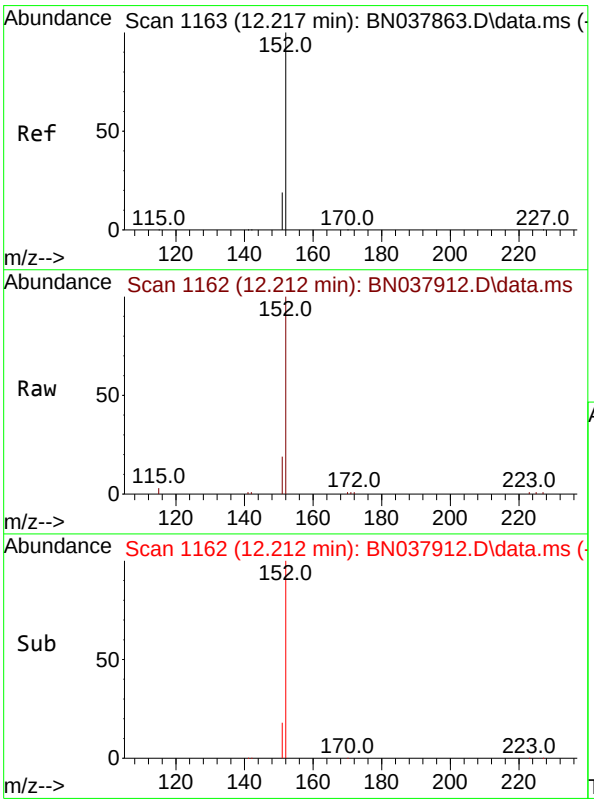
#9
Naphthalene
Concen: 0.024 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:128 Resp: 1342

Ion	Ratio	Lower	Upper
128	100		
129	19.3	9.2	13.8#
127	18.9	11.0	16.6#

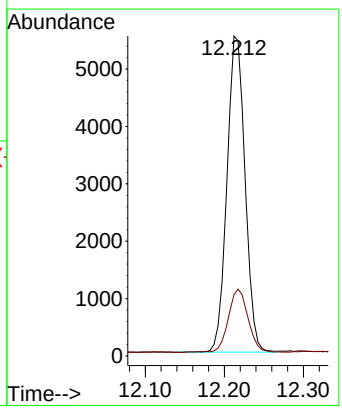


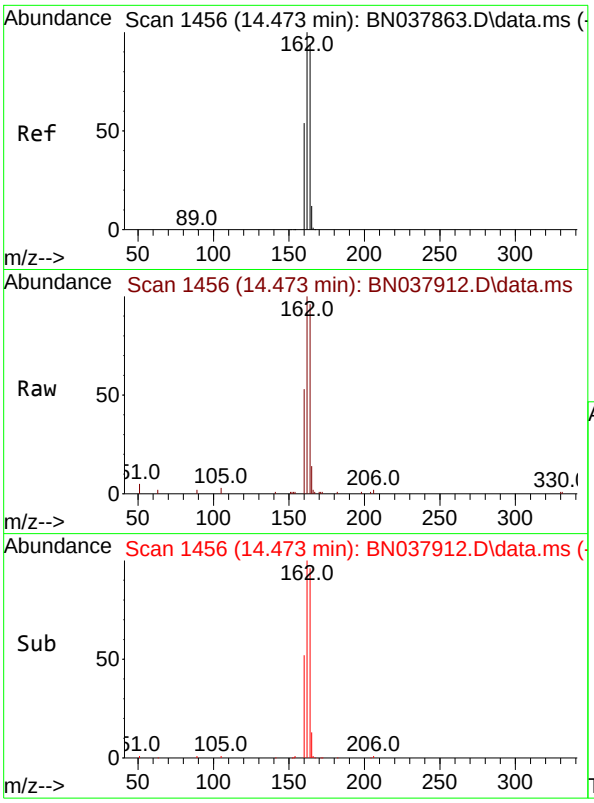


#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:152 Resp: 8789

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2



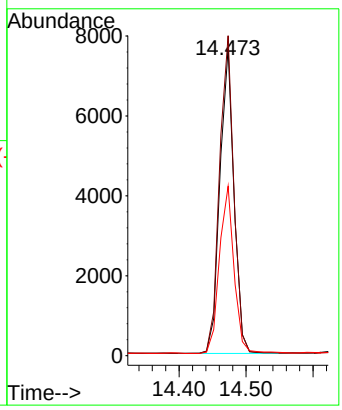


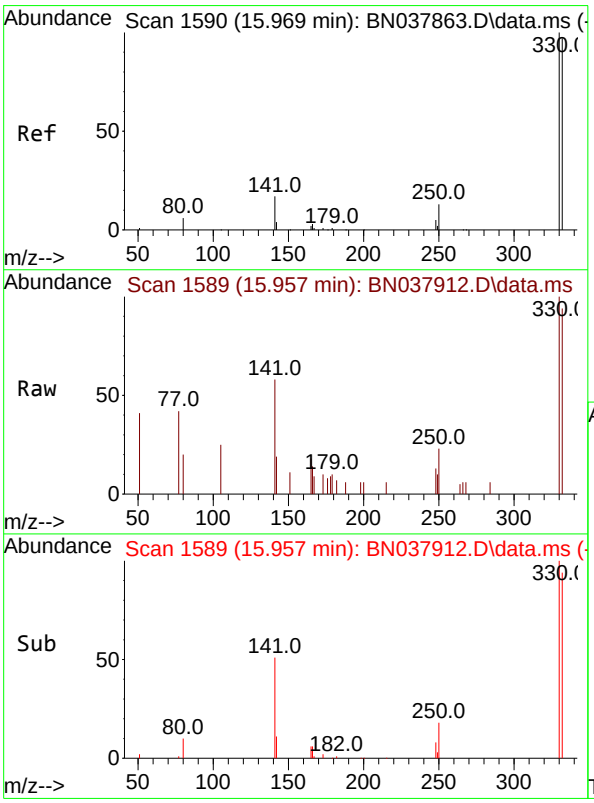
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:164 Resp: 11165

Ion	Ratio	Lower	Upper
164	100		
162	104.3	84.8	127.2
160	55.2	46.1	69.1

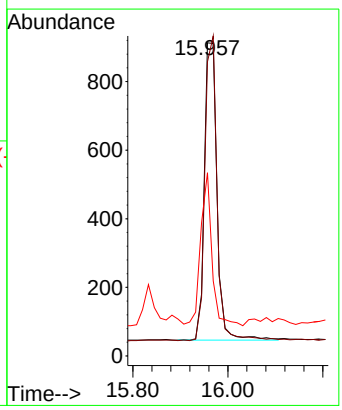


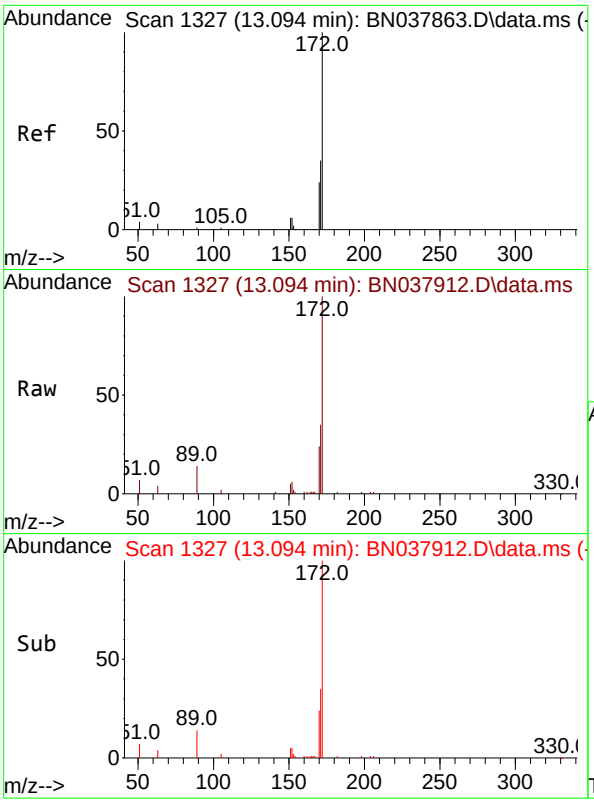


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:330 Resp: 1618

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.2	115.8
141	45.6	37.2	55.8



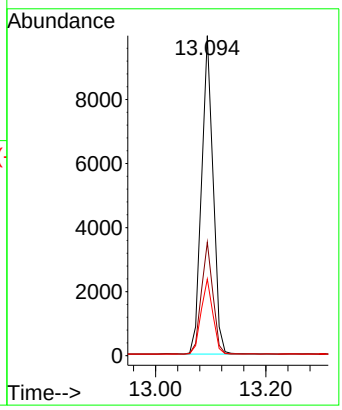


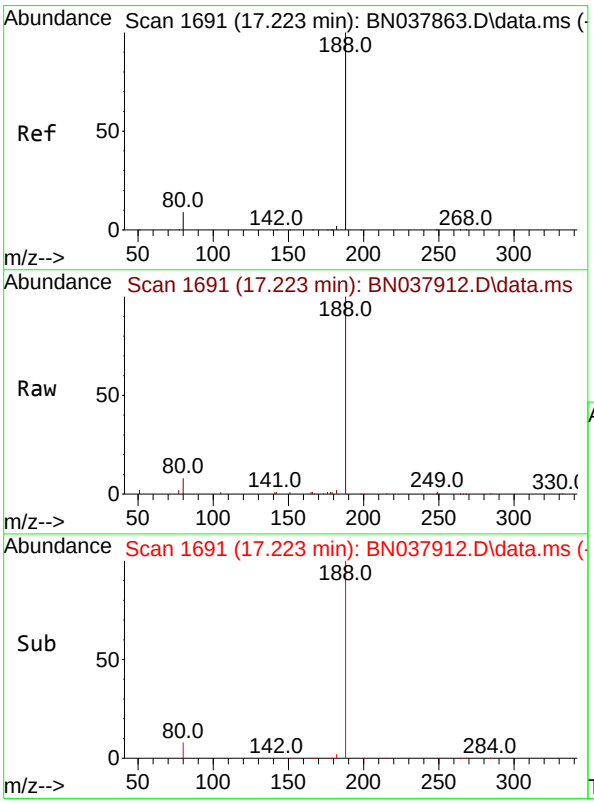
#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.094 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:172 Resp: 14502

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	19.7	29.5

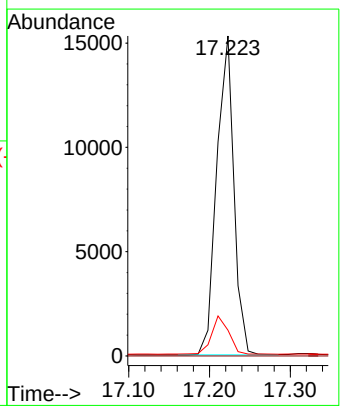


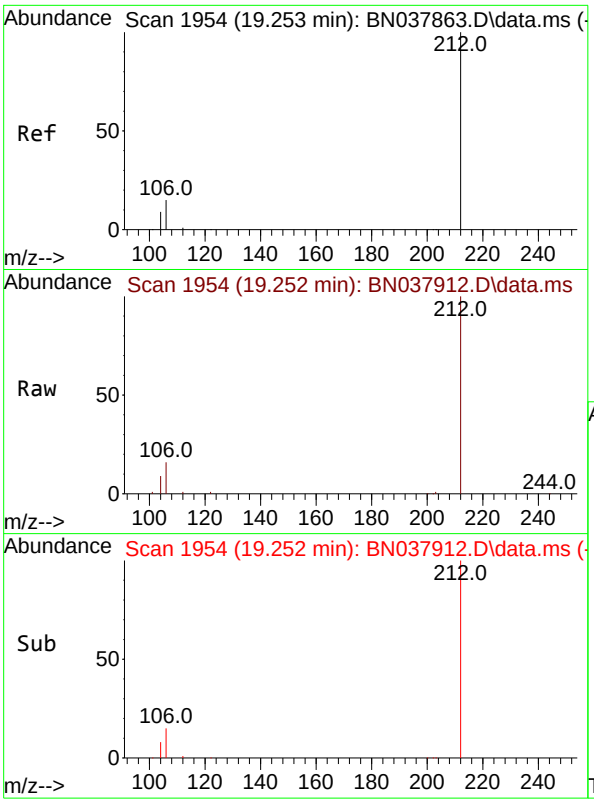


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:188 Resp: 22532

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.6	11.4



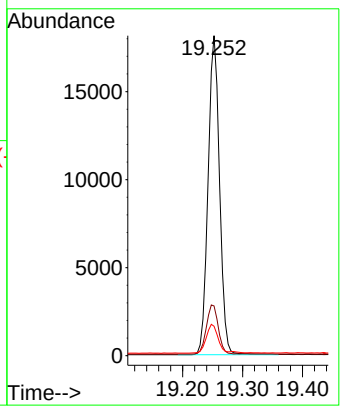


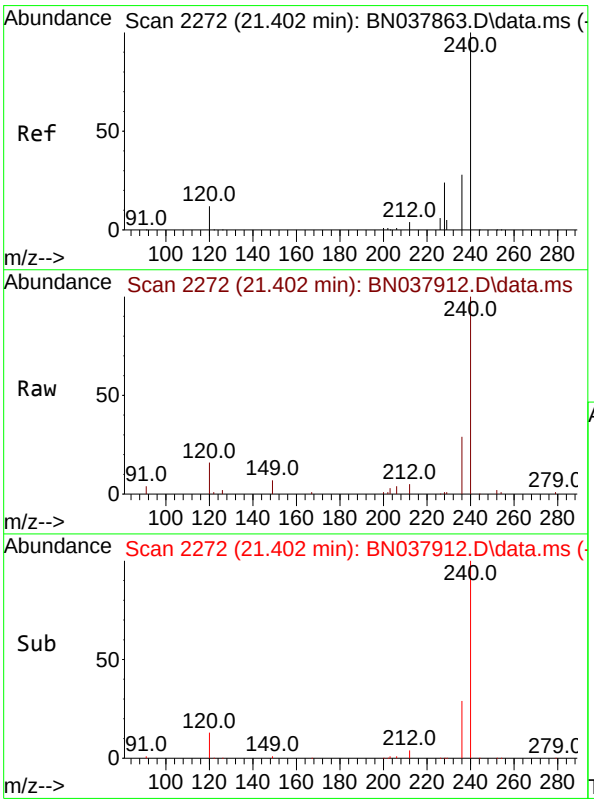
#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:212 Resp: 24060

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.5	7.4	11.0

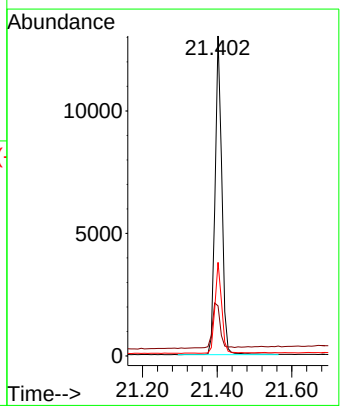


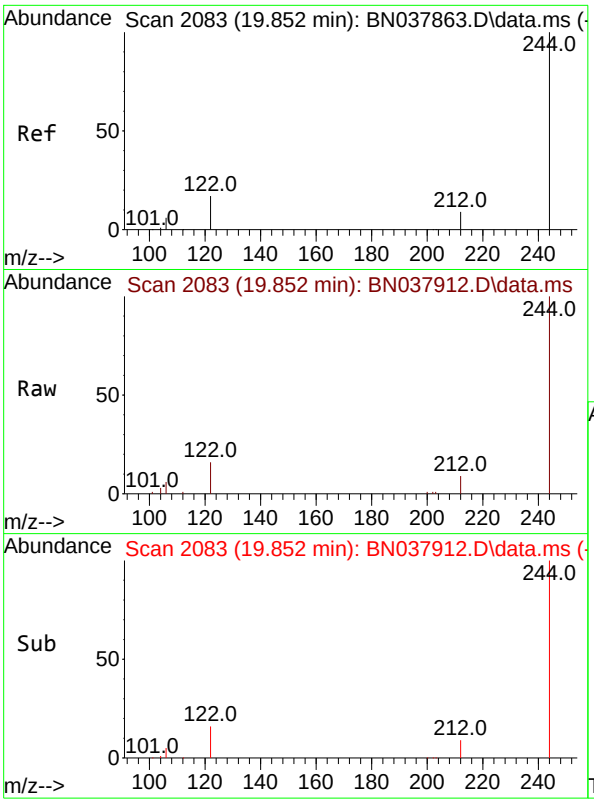


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:240 Resp: 16225

Ion	Ratio	Lower	Upper
240	100		
120	15.6	11.4	17.2
236	29.3	23.0	34.6



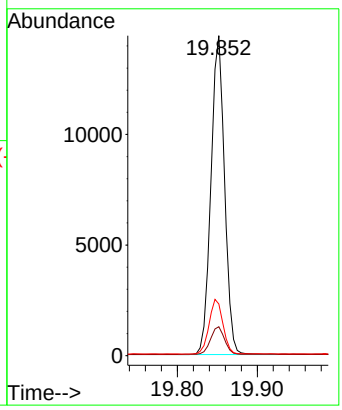


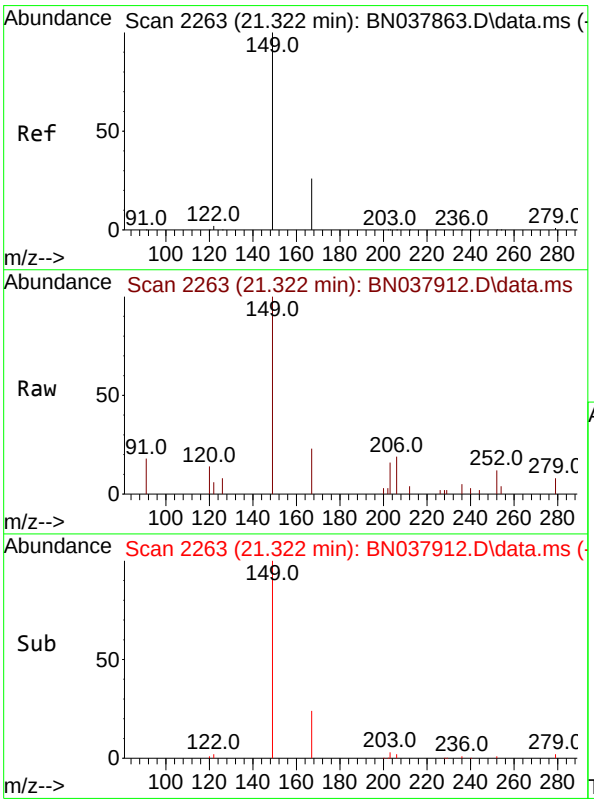
#31
Terphenyl-d14
Concen: 0.527 ng
RT: 19.852 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:244 Resp: 17046

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	16.1	13.9	20.9

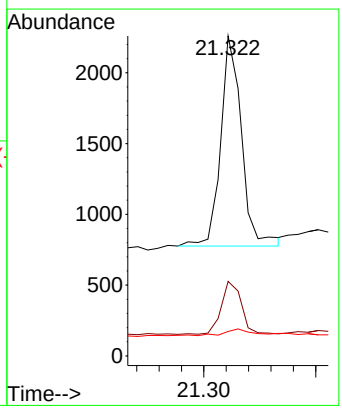


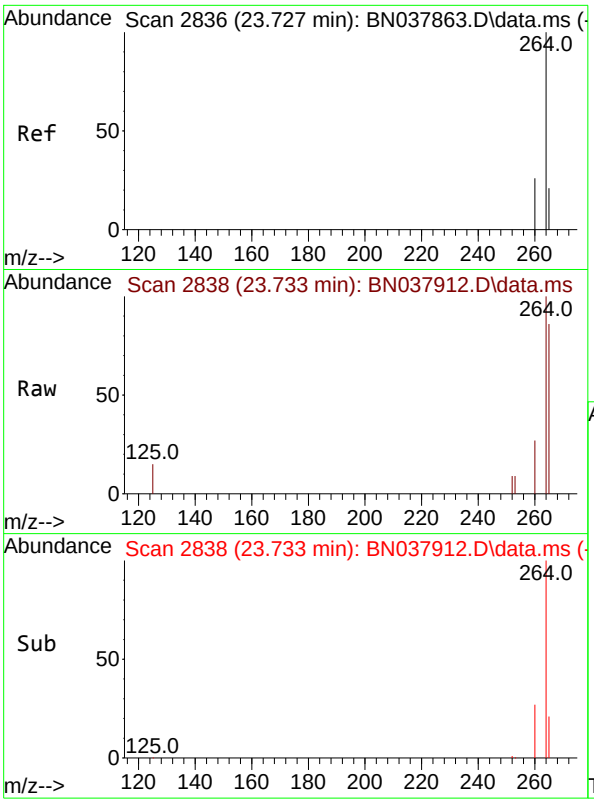


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Tgt Ion:149 Resp: 1924

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.4	30.6
279	4.3	2.4	3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN037912.D
Acq: 26 Sep 2025 05:54

Instrument :
BNA_N
ClientSampleId :
EB02-20250918

Tgt Ion:264 Resp: 12882

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.5	32.3
265	85.9	53.8	80.6#