Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037769.D
Acq On : 18 Sep 2025 08:47
Operator : RC/JU
Sample : Q3097-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Quant Time: Sep 18 10:45:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7633	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20699	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9180	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15761	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12936	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	13802	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2354	0.134	ng	0.00
5) Phenol-d6	6.988	99	1725	0.076	ng	0.00
8) Nitrobenzene-d5	8.982	82	4954	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7708	0.281	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	947	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12078	0.315	ng	0.00
27) Fluoranthene-d10	19.262	212	14465	0.366	ng	0.00
31) Terphenyl-d14	19.861	244	10438	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	16466	2.071	ng	96
6) bis(2-Chloroethyl)ether	7.248	93	816	0.040	ng	96
34) Bis(2-ethylhexyl)phtha...	21.340	149	2243	0.168	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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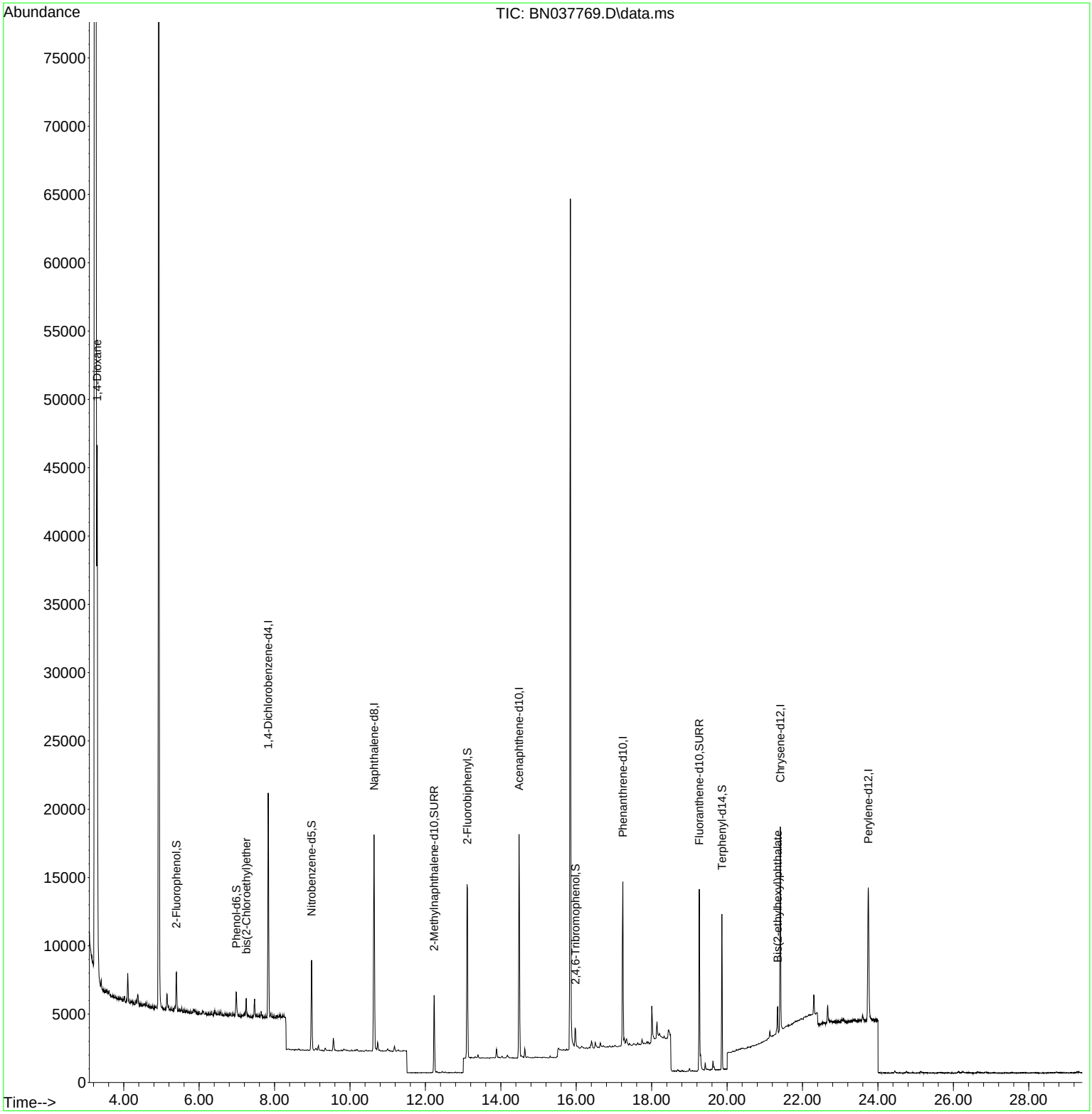
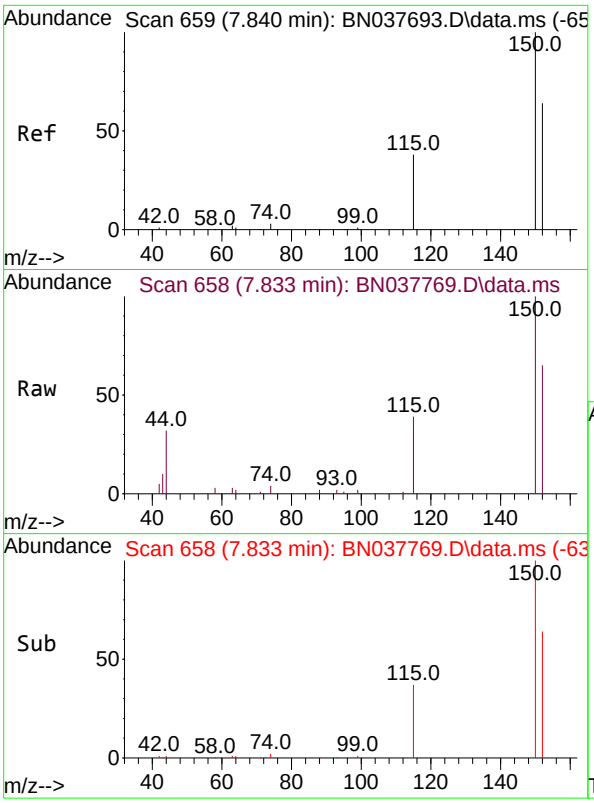


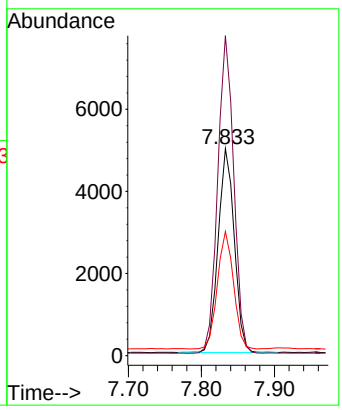


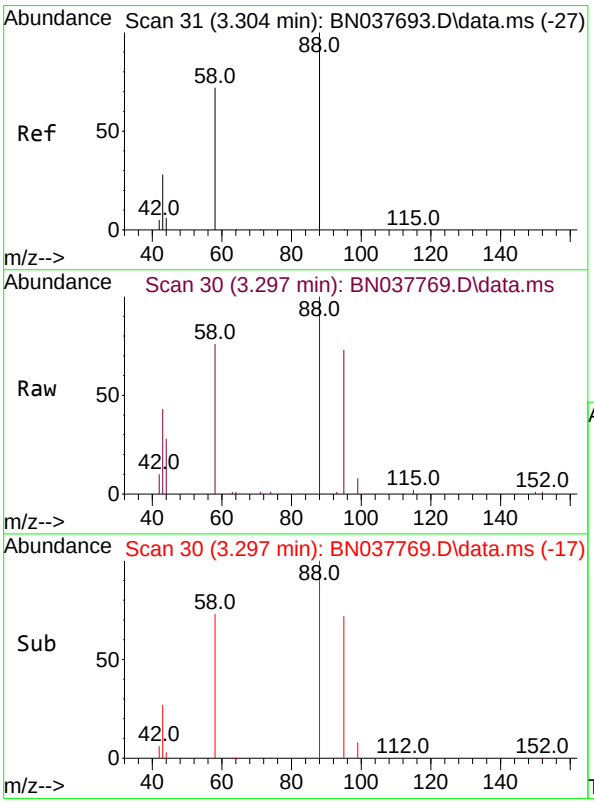
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:152 Resp: 7633

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.5	186.7
115	59.9	49.2	73.8

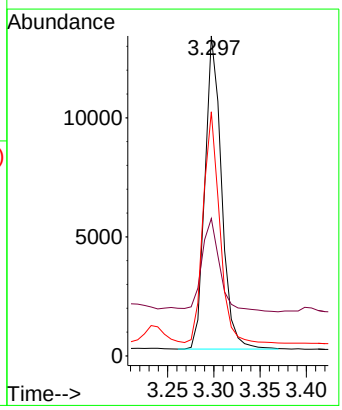


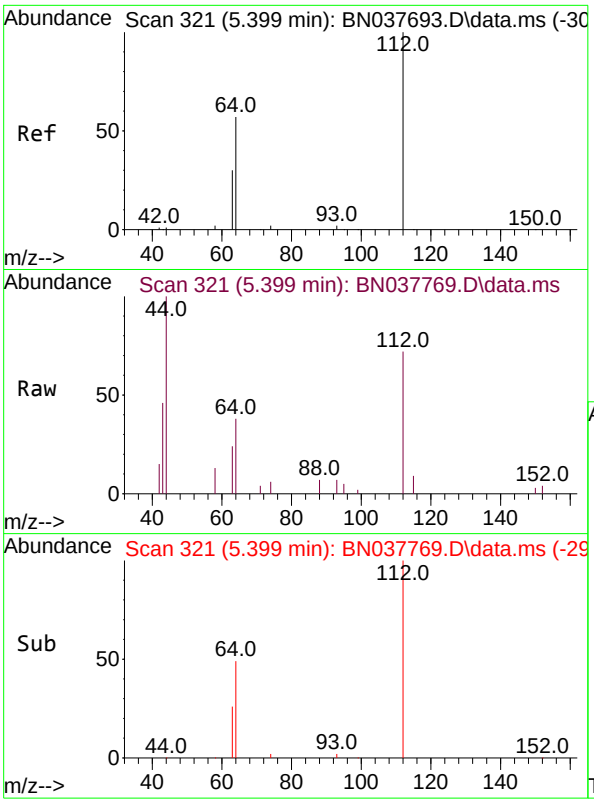


#2
1,4-Dioxane
Concen: 2.071 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion: 88 Resp: 16466

Ion	Ratio	Lower	Upper
88	100		
43	32.0	26.8	40.2
58	72.9	61.9	92.9



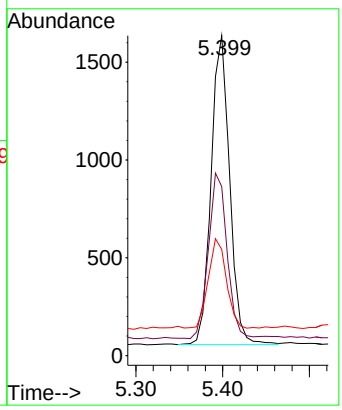


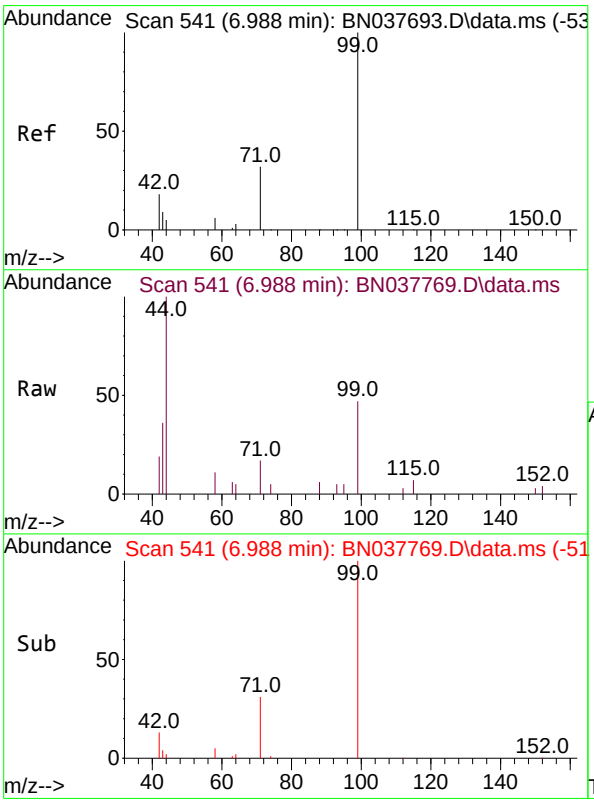
#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.399 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:112 Resp: 2354

Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.9	67.3
63	28.0	24.7	37.1

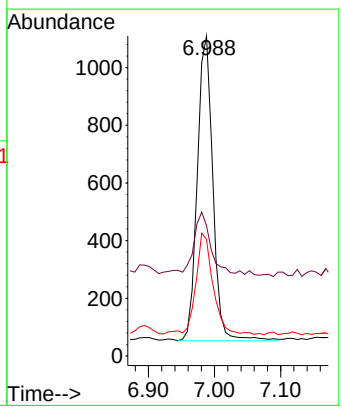


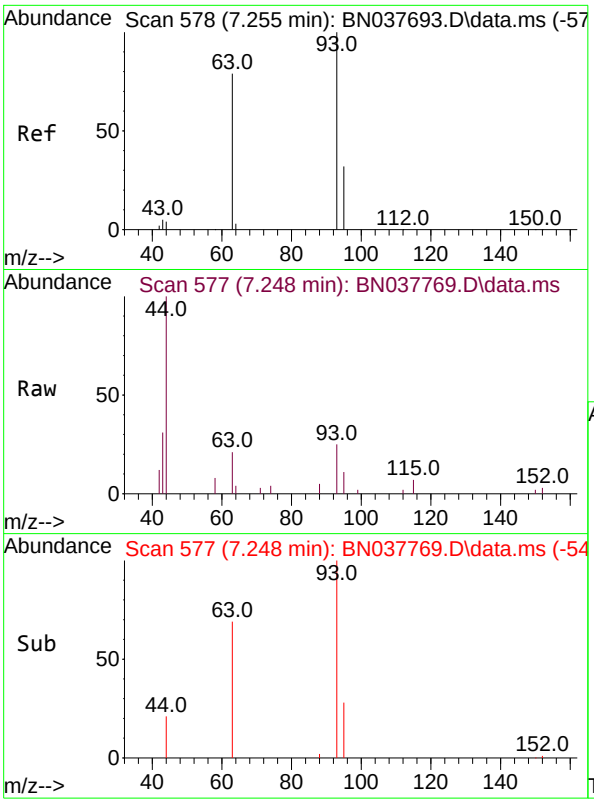


#5
Phenol-d6
Concen: 0.076 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion: 99 Resp: 1725

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	37.3	26.7	40.1



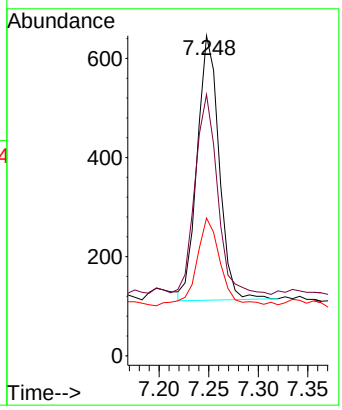


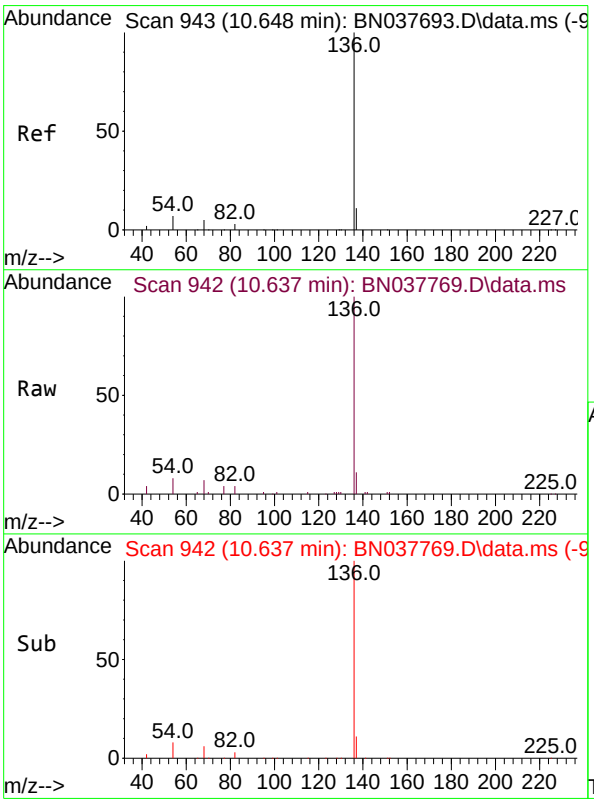
#6
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 7.248 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion: 93 Resp: 816

Ion	Ratio	Lower	Upper
93	100		
63	78.1	60.6	90.8
95	36.2	26.0	39.0

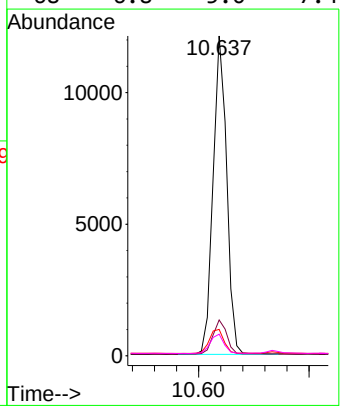


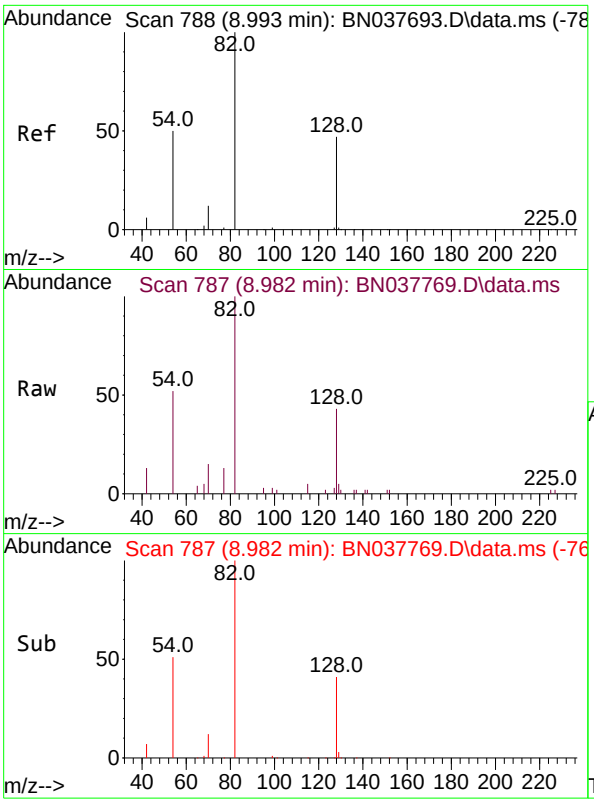


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:136 Resp: 20699

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	6.3	9.5
68	6.8	5.0	7.4



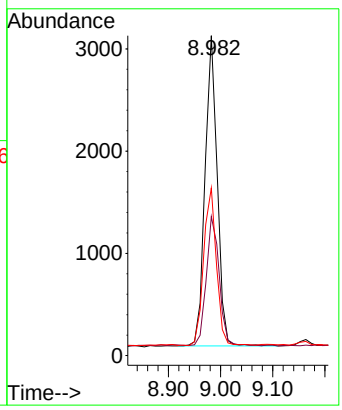


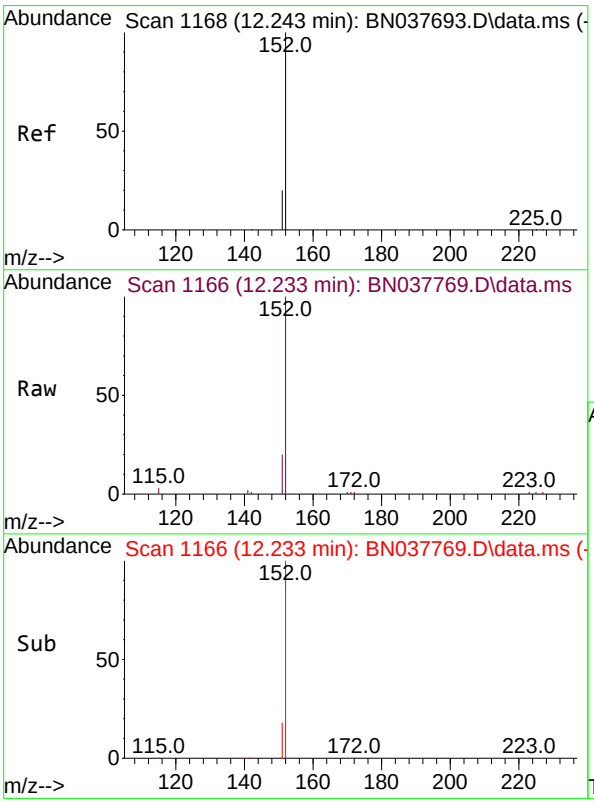
#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 78
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion: 82 Resp: 4954

Ion	Ratio	Lower	Upper
82	100		
128	43.4	38.3	57.5
54	52.4	41.4	62.2

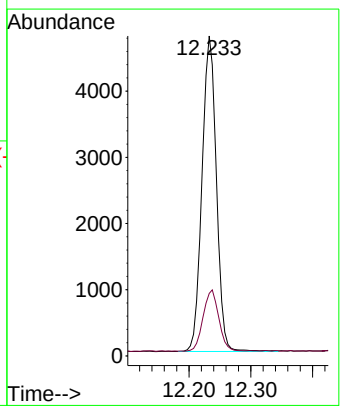


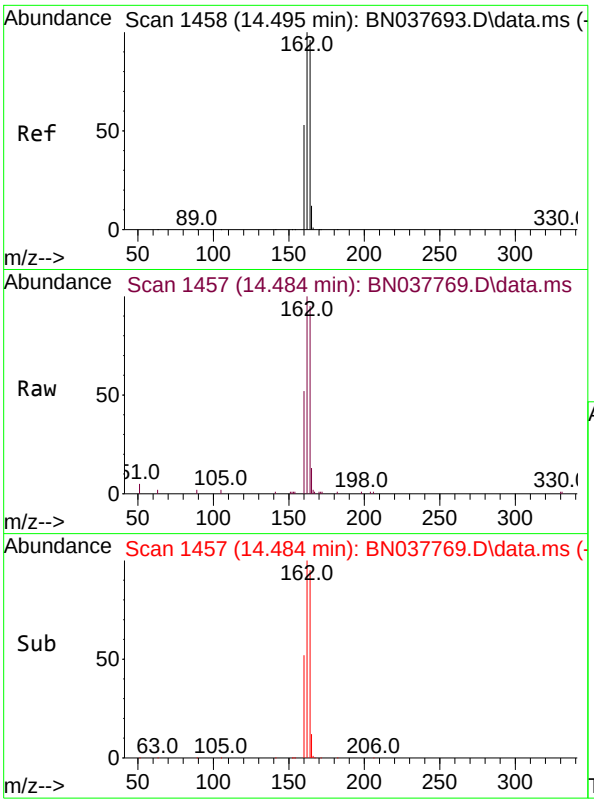


#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:152 Resp: 7708

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6



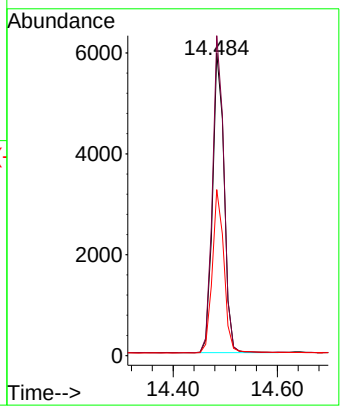


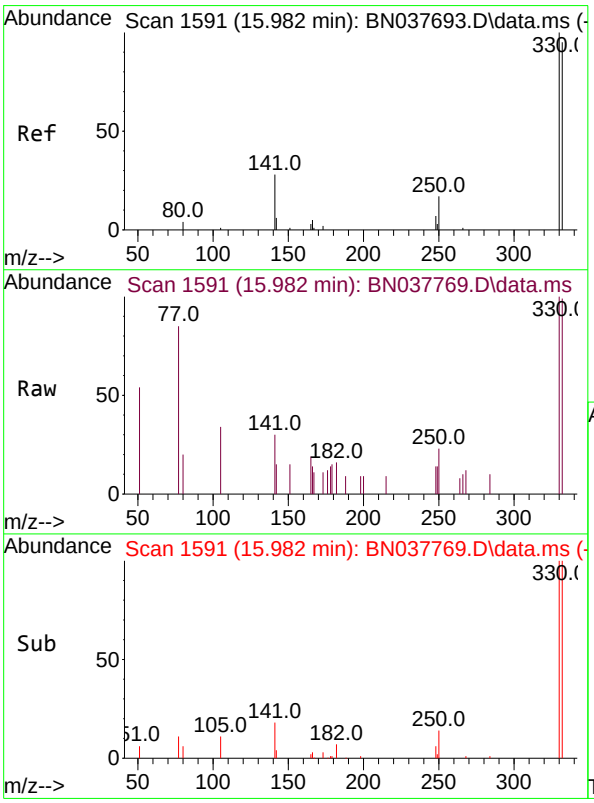
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:164 Resp: 9180

Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.1	124.7
160	54.9	44.3	66.5

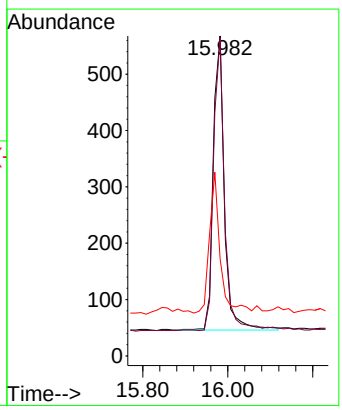


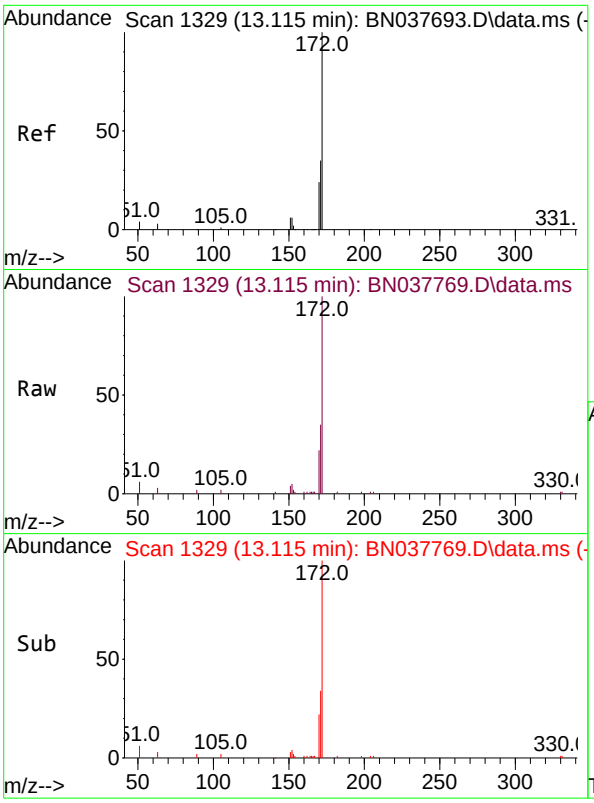


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:330 Resp: 947

Ion	Ratio	Lower	Upper
330	100		
332	98.4	75.3	112.9
141	46.0	35.0	52.4



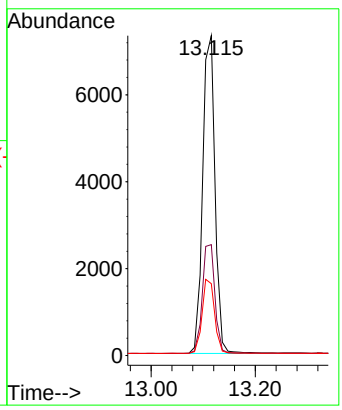


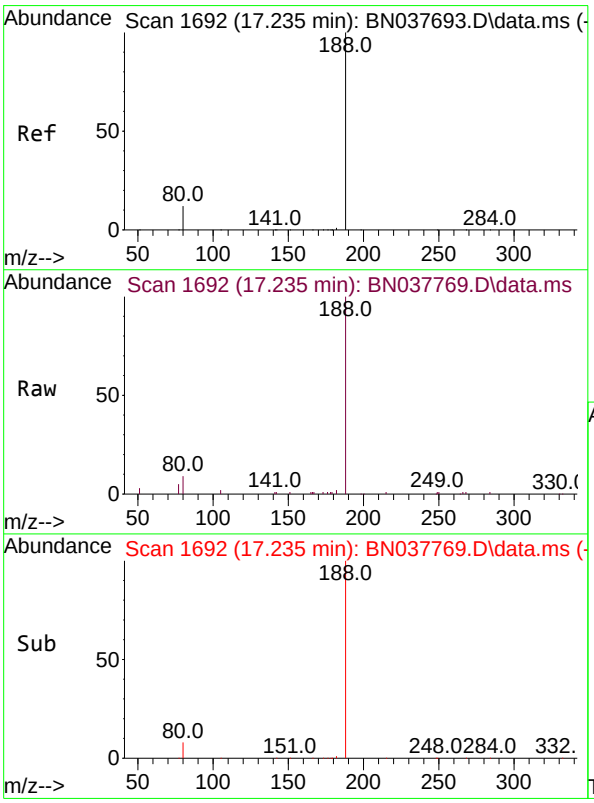
#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 13.115 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:172 Resp: 12078

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.5	19.8	29.8

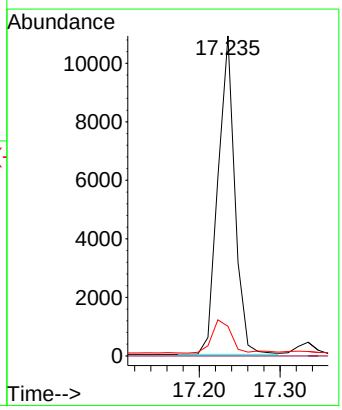


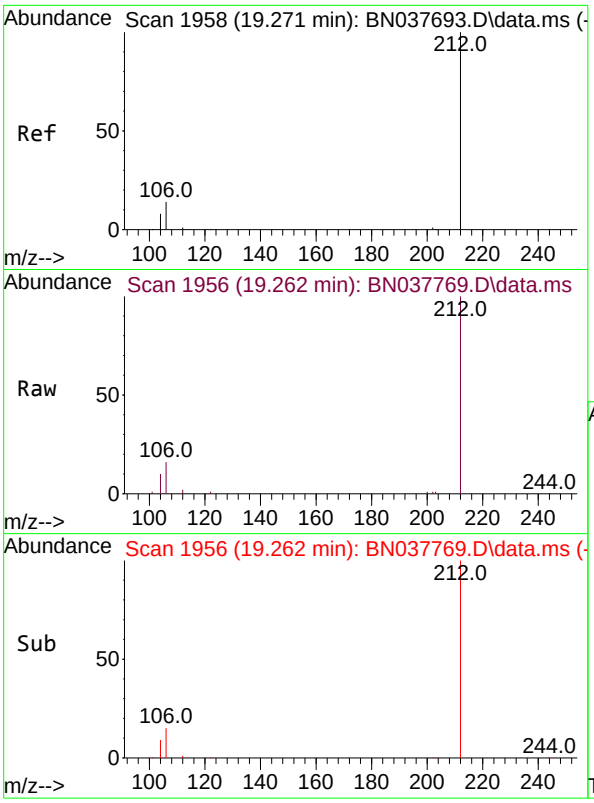


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:188 Resp: 15761

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	10.6	15.8#



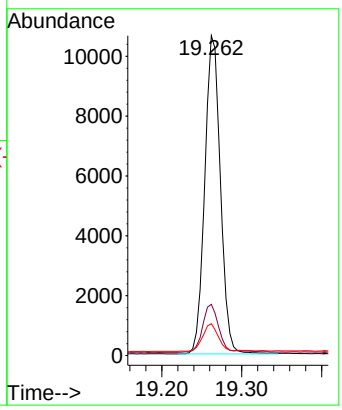


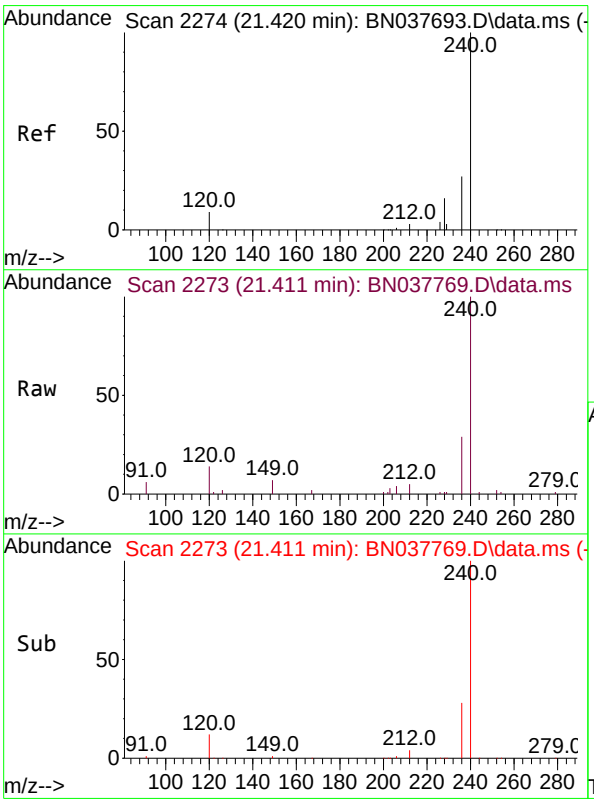
#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.262 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:212 Resp: 14465

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.2	18.2
104	8.6	6.9	10.3

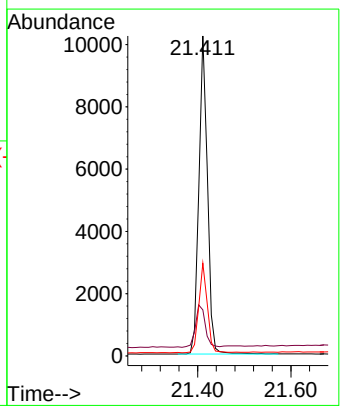


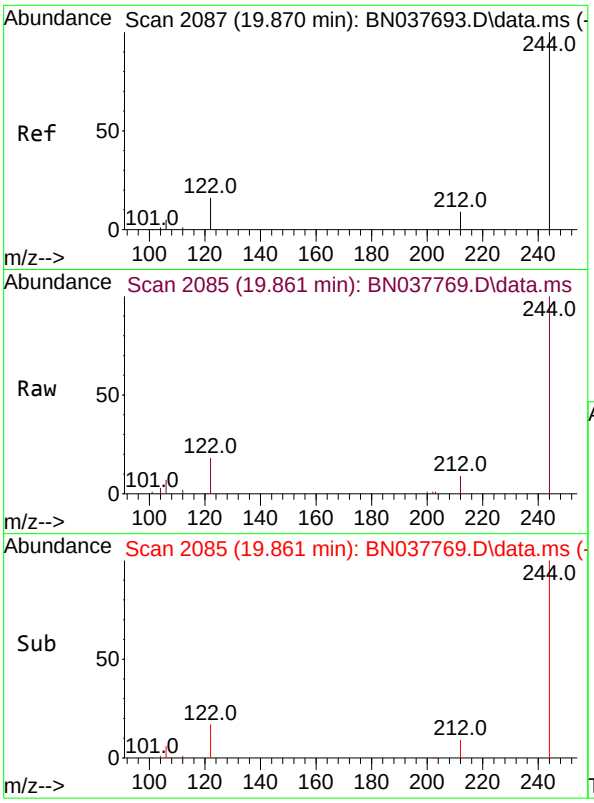


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:240 Resp: 12936

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.2	13.8#
236	29.0	22.6	33.8



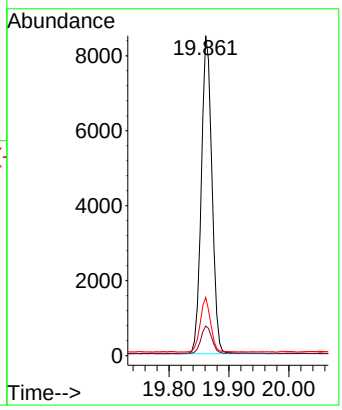


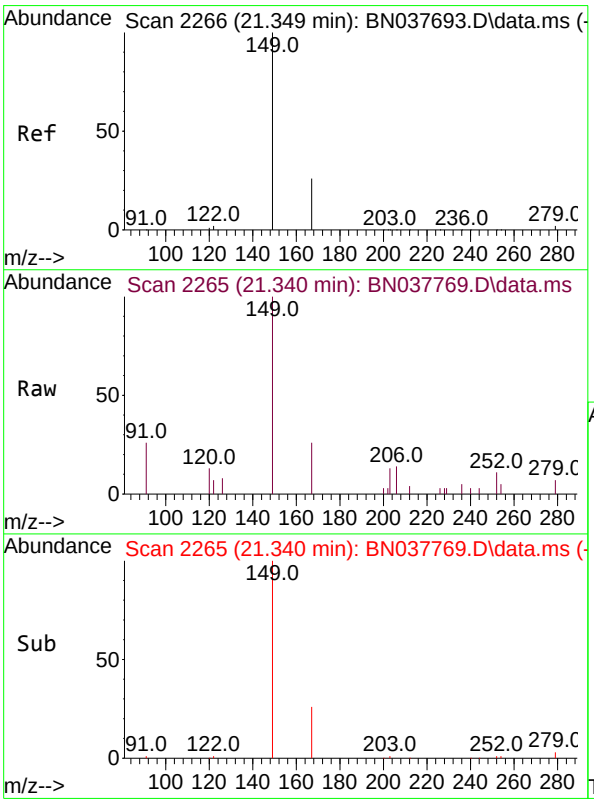
#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.861 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:244 Resp: 10438

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	18.2	13.2	19.8

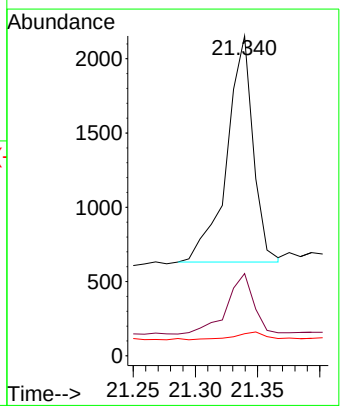


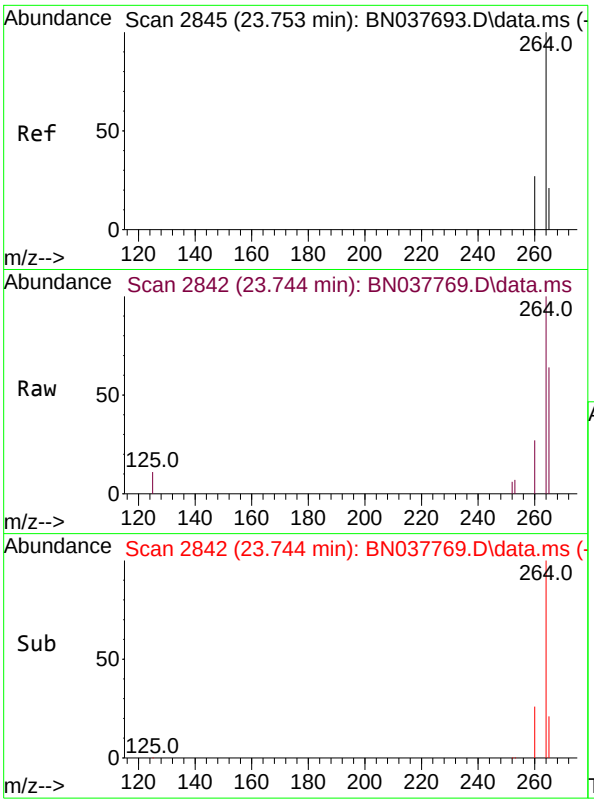


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.168 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Tgt Ion:149 Resp: 2243

Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.8	31.2
279	4.5	3.3	4.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037769.D
Acq: 18 Sep 2025 08:47

Instrument :
BNA_N
ClientSampleId :
RE108D2-20250911

Tgt Ion:264 Resp: 13802

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.8	32.8
265	63.9	39.4	59.2#