Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036780.D
Acq On : 28 Mar 2025 19:26
Operator : RC/JU
Sample : Q1608-23DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Quant Time: Mar 28 22:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1210	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	2842	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	1908	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4326	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3875	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3351	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	224	0.079	ng	-0.02
5) Phenol-d6	6.872	99	160	0.046	ng	-0.03
8) Nitrobenzene-d5	8.864	82	439	0.142	ng	-0.01
11) 2-Methylnaphthalene-d10	12.090	152	641	0.152	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	185	0.214	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	1663	0.150	ng	-0.02
27) Fluoranthene-d10	19.122	212	2467	0.223	ng	-0.02
31) Terphenyl-d14	19.722	244	1709	0.184	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	3808	2.837	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.499	198	3	0.148	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.196	149	537	0.056	ng	# 90

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

Quantitation Report (Not Reviewed)

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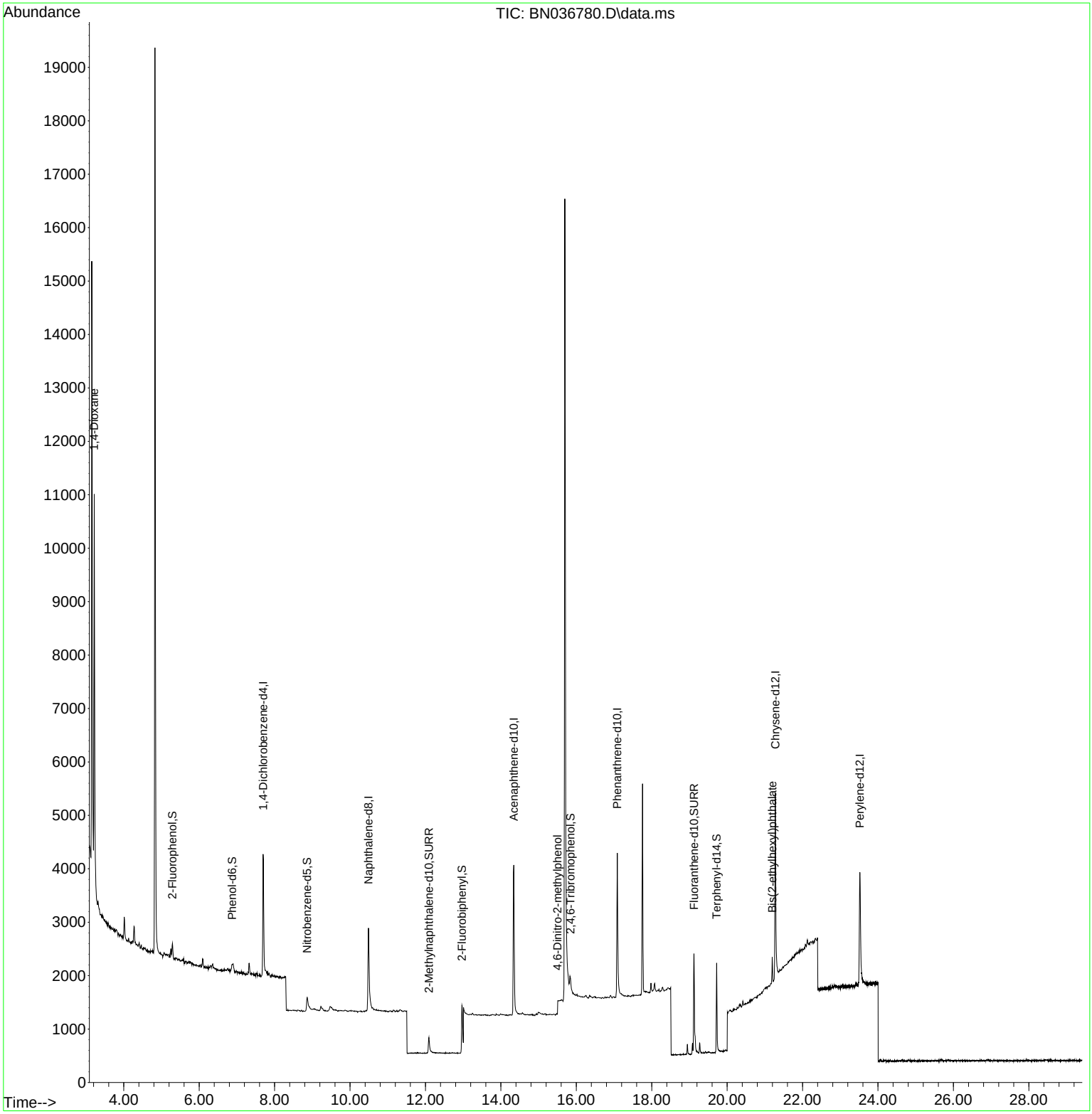
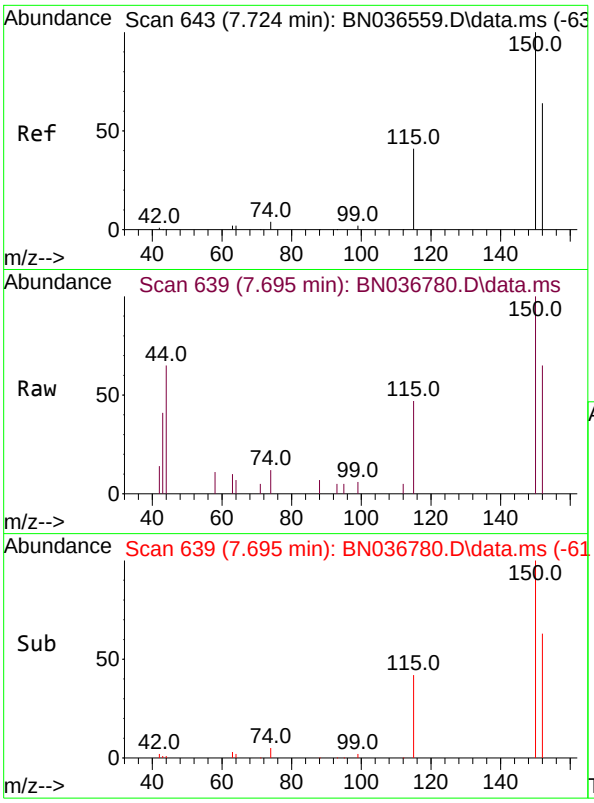


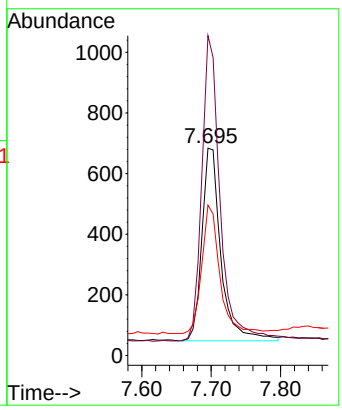


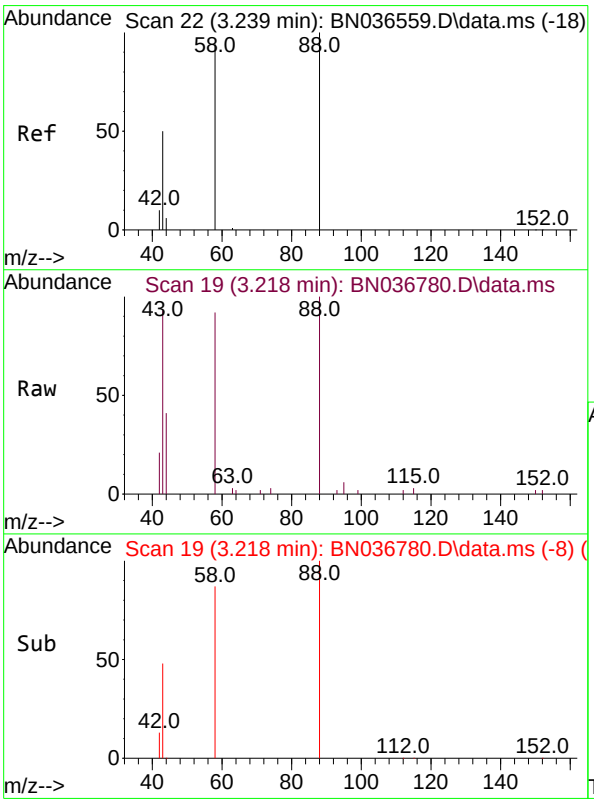
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 6
Delta R.T. -0.029 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:152 Resp: 1210

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.7	185.5
115	72.5	54.3	81.5

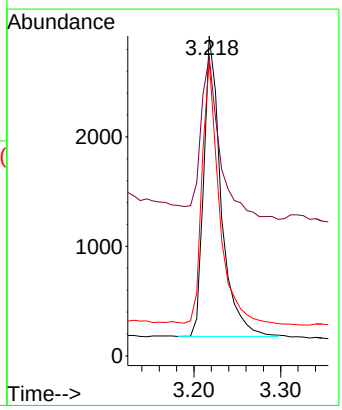


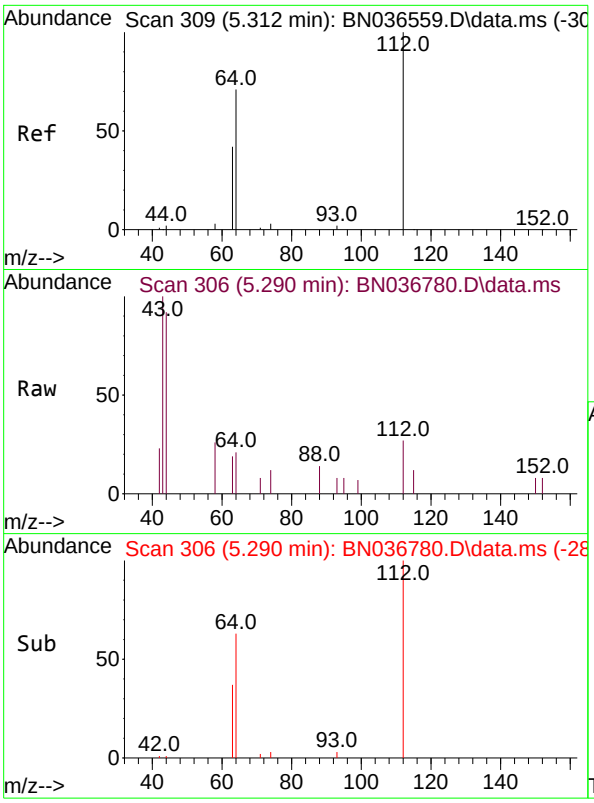


#2
1,4-Dioxane
Concen: 2.837 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.021 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion: 88 Resp: 3808

Ion	Ratio	Lower	Upper
88	100		
43	60.1	37.8	56.8#
58	86.0	67.4	101.2



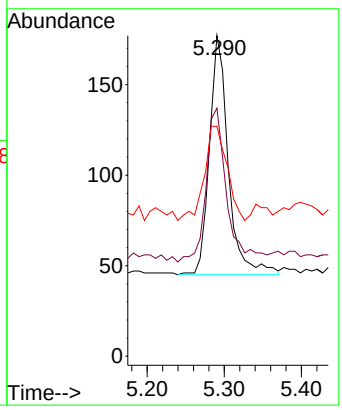


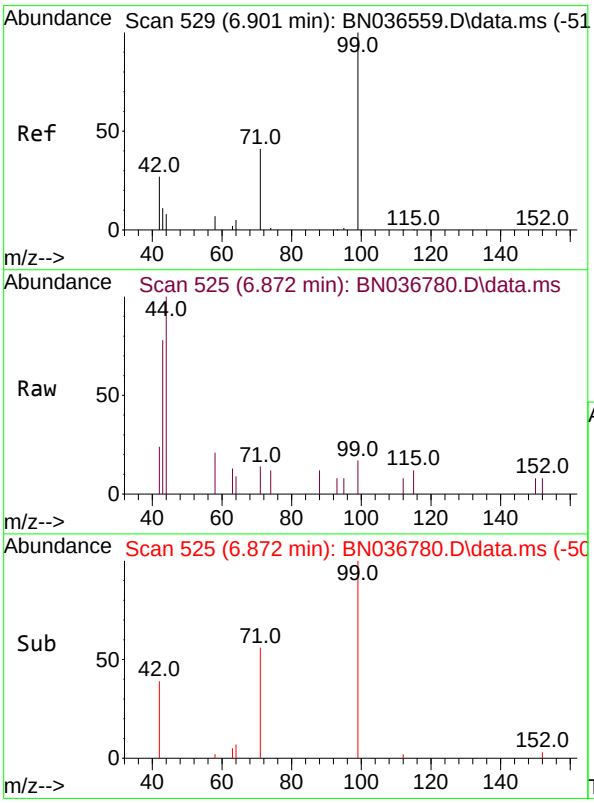
#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.290 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:112 Resp: 224

Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.1	79.7
63	46.9	31.8	47.8

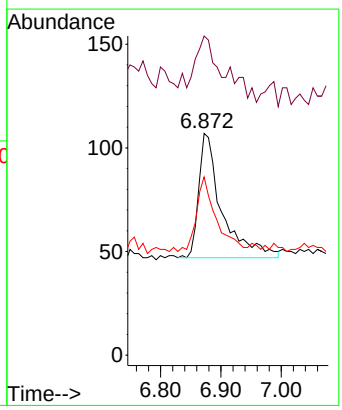


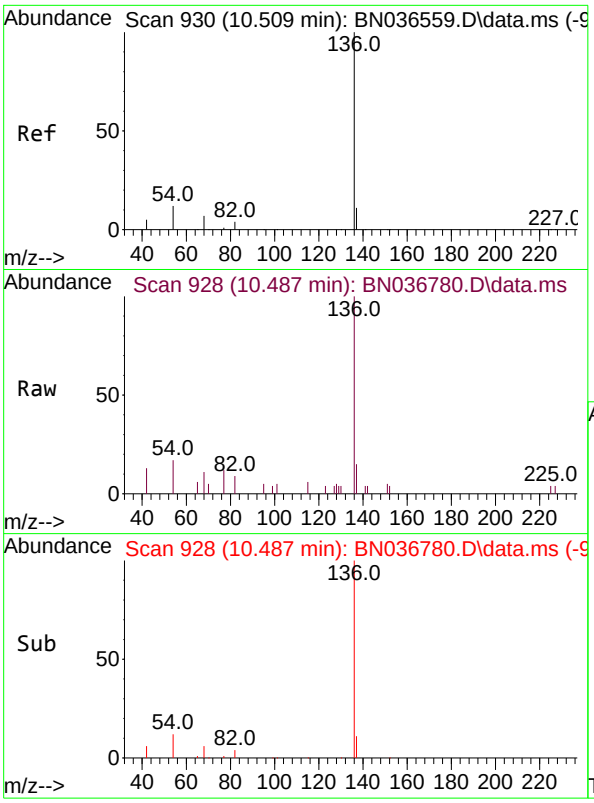


#5
Phenol-d6
Concen: 0.046 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion: 99 Resp: 160

Ion	Ratio	Lower	Upper
99	100		
42	33.8	26.5	39.7
71	50.6	34.1	51.1



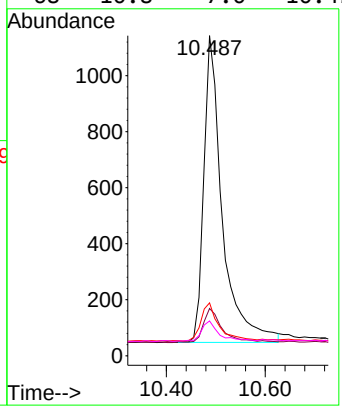


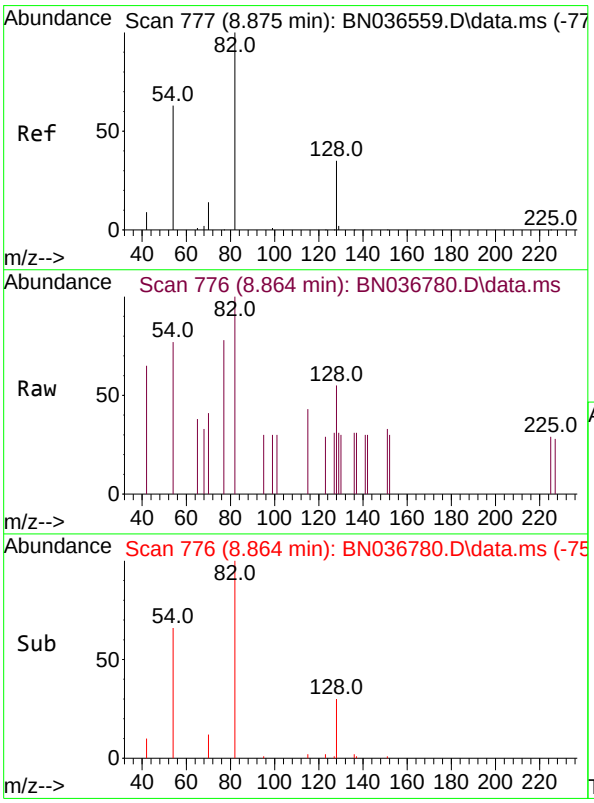
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:136 Resp: 2842

Ion	Ratio	Lower	Upper
136	100		
137	14.8	10.3	15.5
54	16.5	11.5	17.3
68	10.8	7.0	10.4#

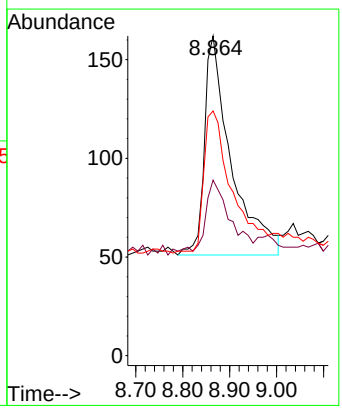


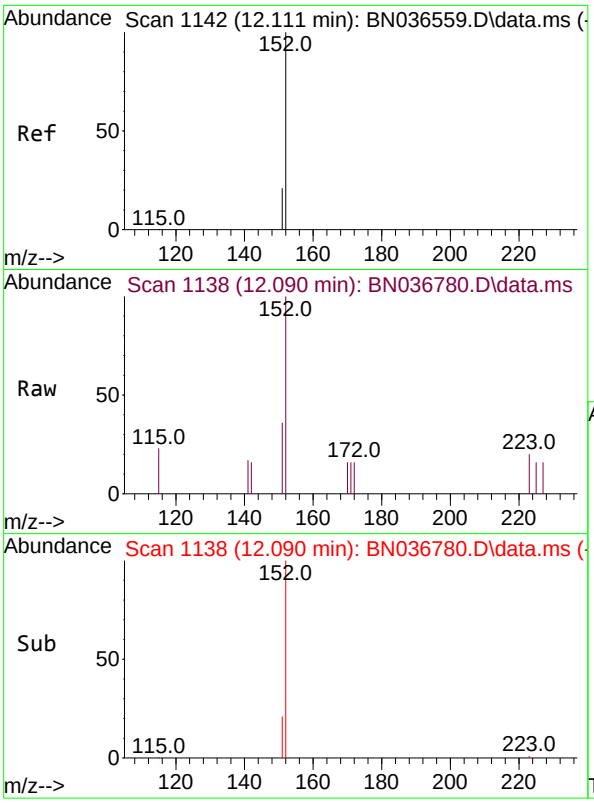


#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion: 82 Resp: 439

Ion	Ratio	Lower	Upper
82	100		
128	54.9	30.6	45.8#
54	76.5	52.2	78.4



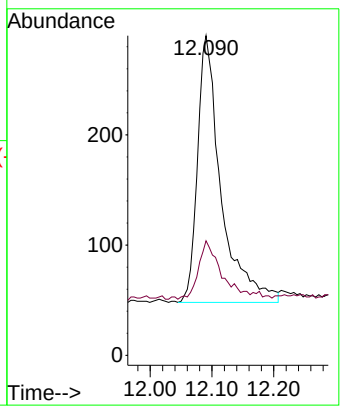


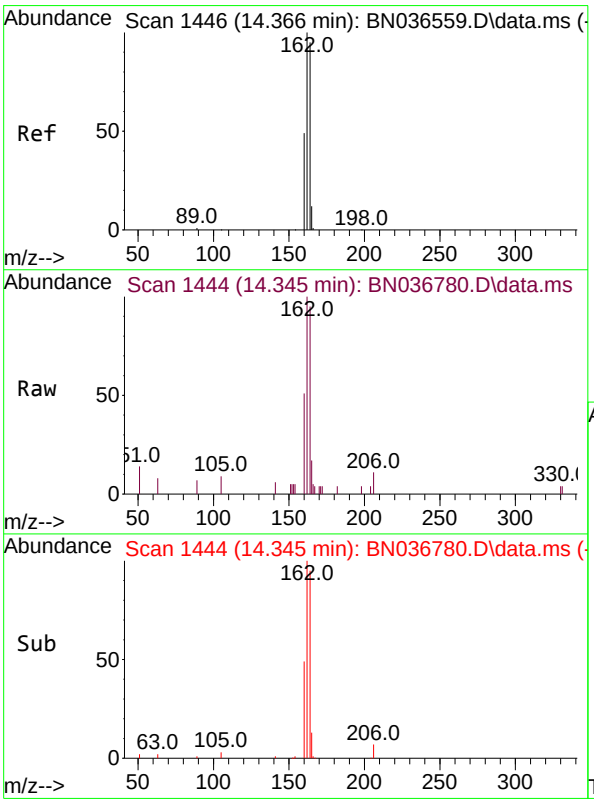
#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 12.090 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:152 Resp: 641

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6

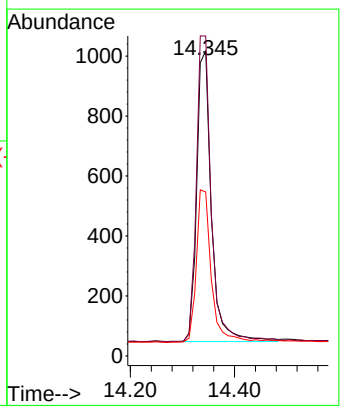


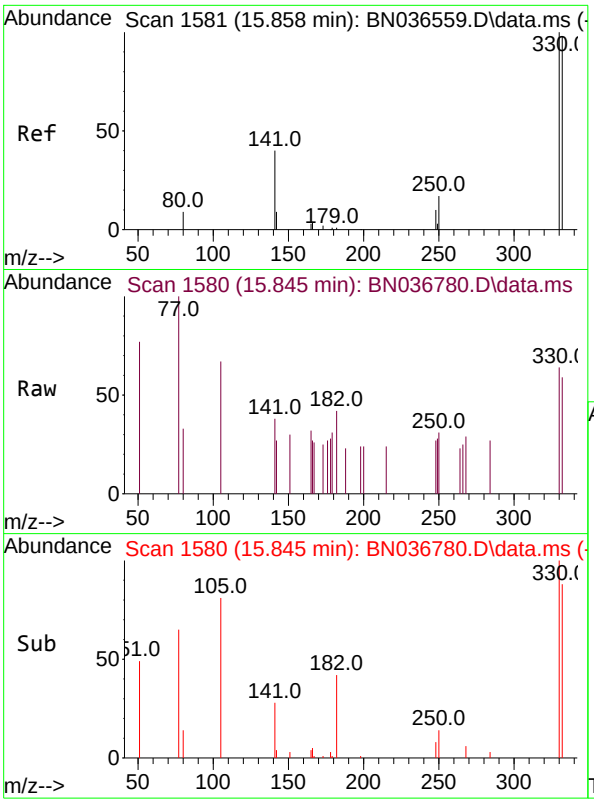


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:164 Resp: 1908

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.2	126.2
160	53.8	42.2	63.2



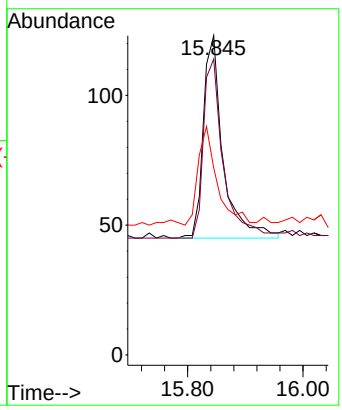


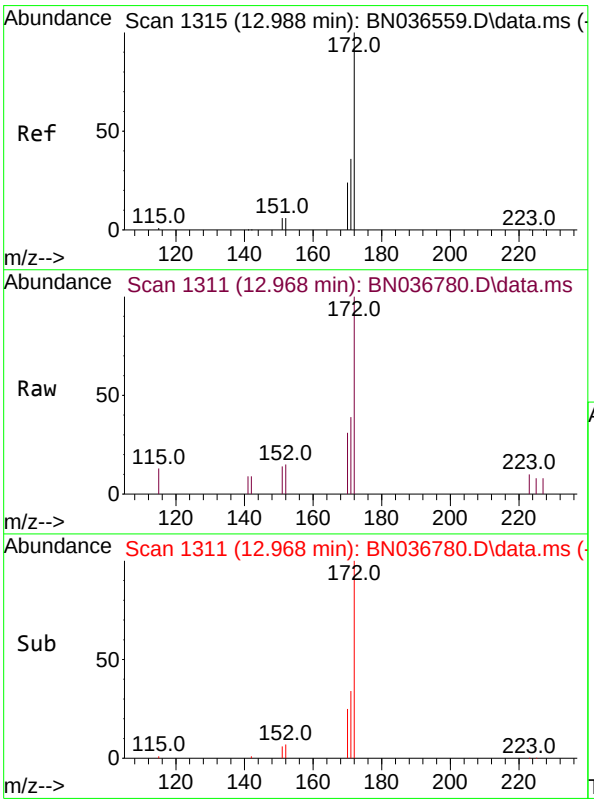
#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:330 Resp: 185

Ion	Ratio	Lower	Upper
330	100		
332	88.6	75.2	112.8
141	47.6	43.4	65.2

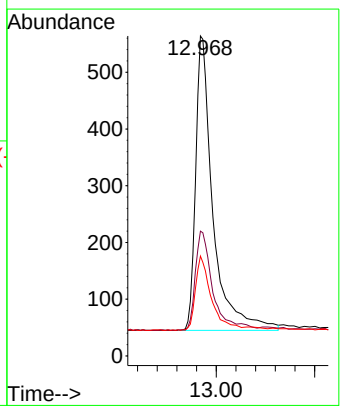


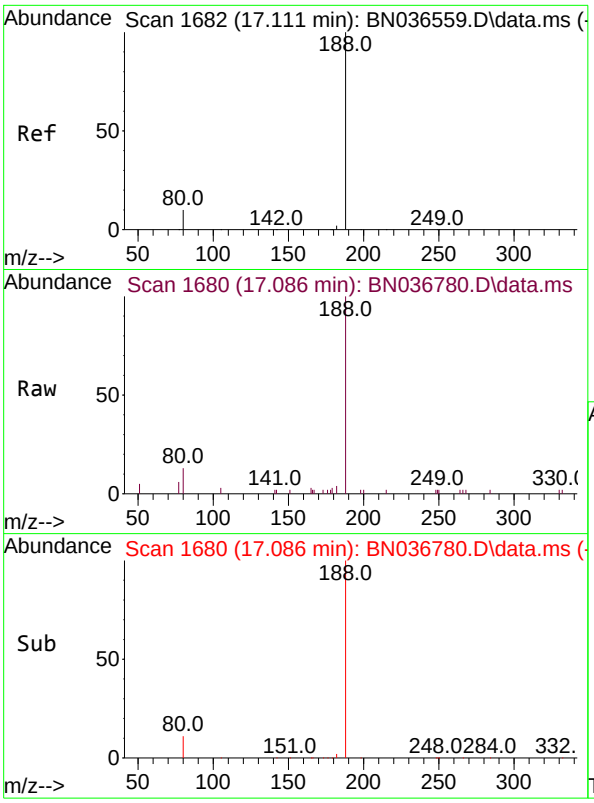


#15
2-Fluorobiphenyl
Concen: 0.150 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:172 Resp: 1663

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.5	44.3
170	31.2	20.2	30.4#



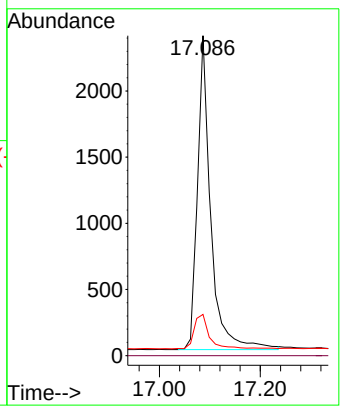


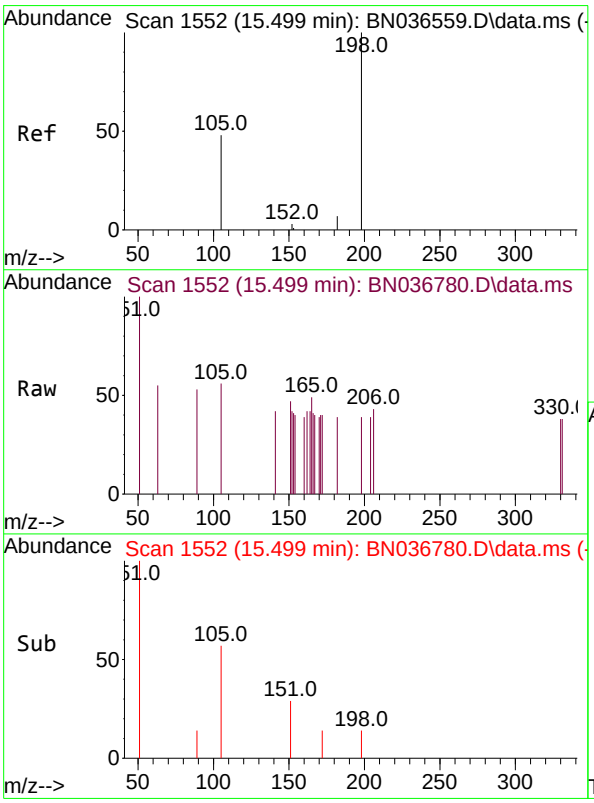
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1(
Delta R.T. -0.025 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:188 Resp: 4326

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	8.8	13.2

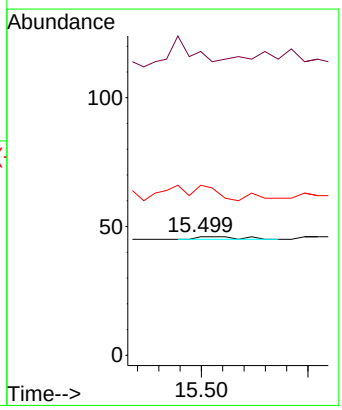


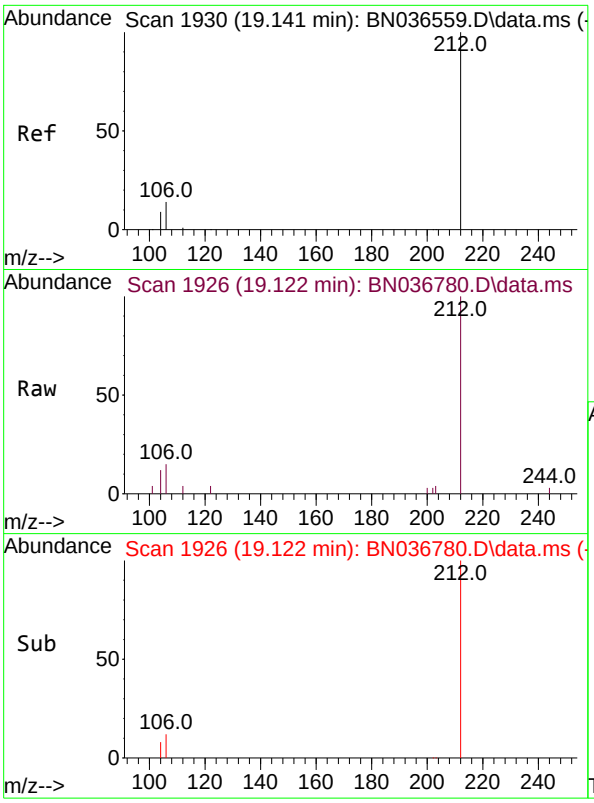


#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	256.5	107.9	161.9#
105	143.5	56.2	84.2#



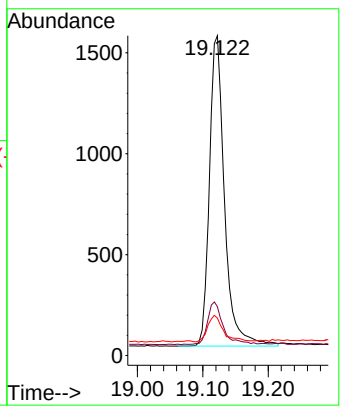


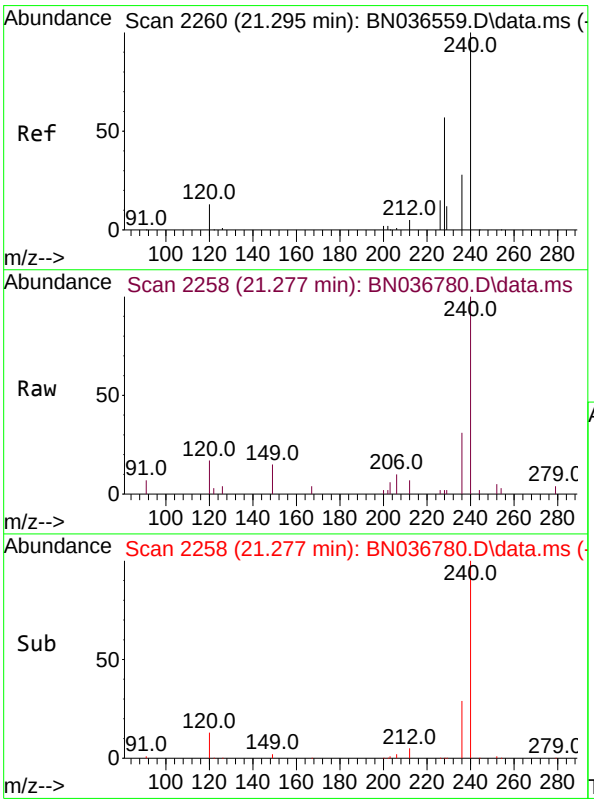
#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:212 Resp: 2467

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.8	17.6
104	8.9	7.3	10.9

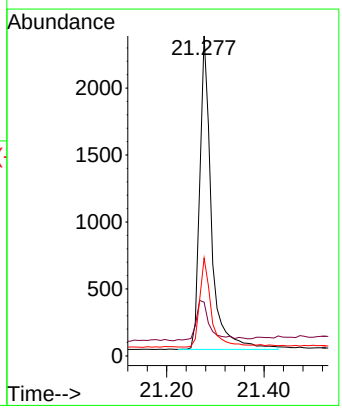


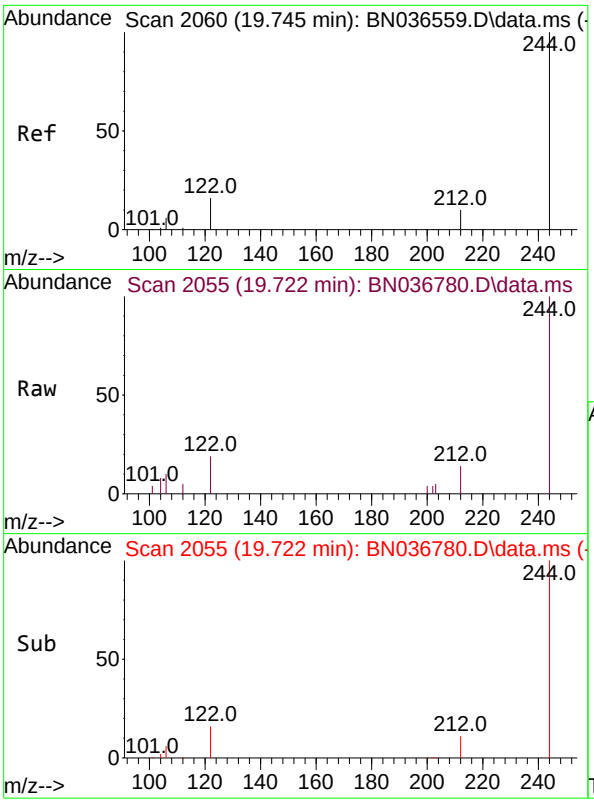


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:240 Resp: 3875

Ion	Ratio	Lower	Upper
240	100		
120	16.8	14.6	22.0
236	30.6	24.1	36.1



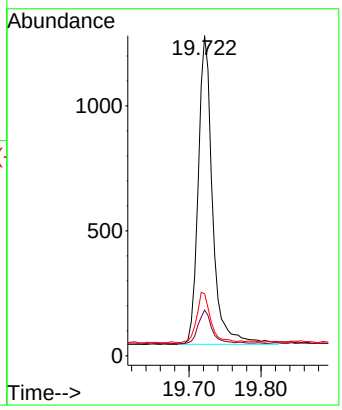


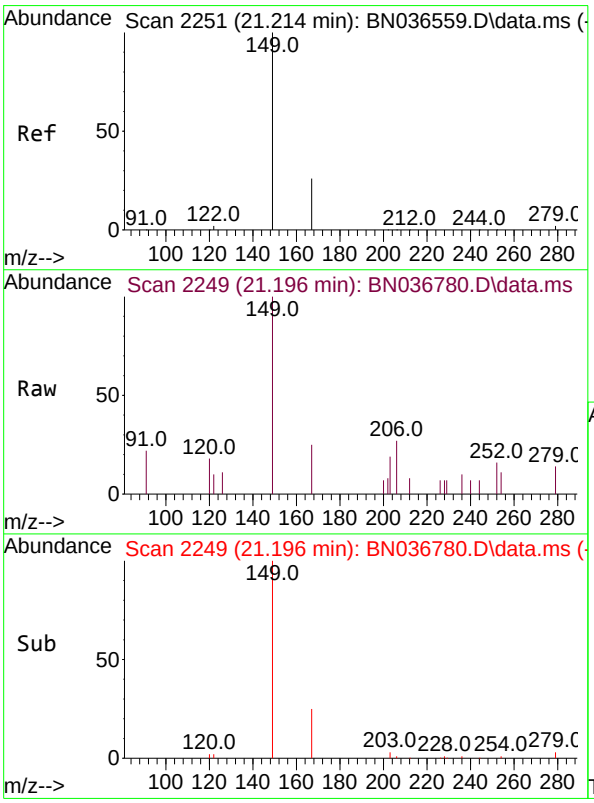
#31
Terphenyl-d14
Concen: 0.184 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:244 Resp: 1709

Ion	Ratio	Lower	Upper
244	100		
212	14.3	9.6	14.4
122	19.4	13.9	20.9

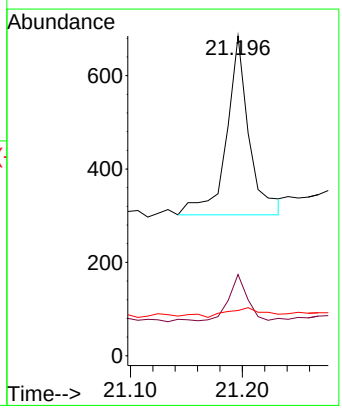


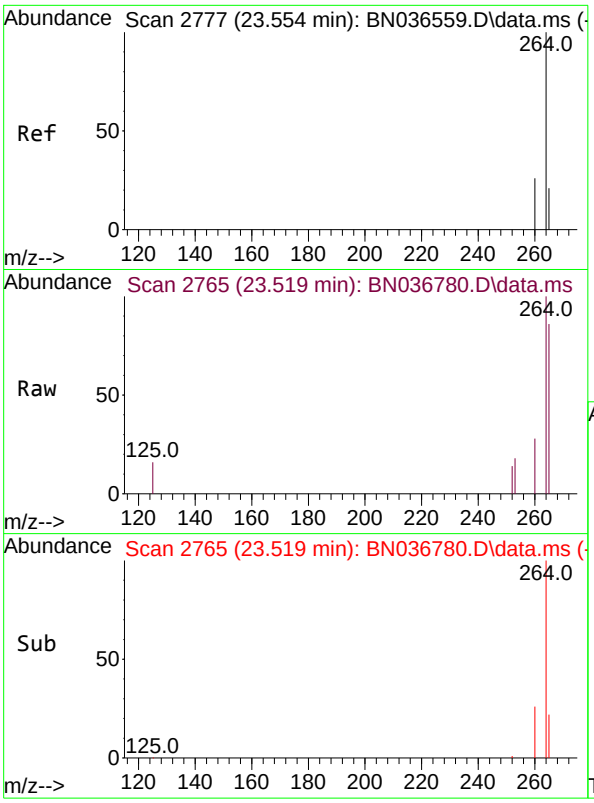


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.056 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Tgt Ion:149 Resp: 537

Ion	Ratio	Lower	Upper
149	100		
167	20.9	20.7	31.1
279	8.8	3.6	5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.035 min
Lab File: BN036780.D
Acq: 28 Mar 2025 19:26

Instrument :
BNA_N
ClientSampleId :
TT189D2-20250319DL

Tgt Ion:264 Resp: 3351

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	86.4	88.1	132.1#