Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036779.D
Acq On : 28 Mar 2025 18:50
Operator : RC/JU
Sample : Q1608-18DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 28 22:52:16 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	7.703	152	1528	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3509	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	2347	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5155	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4127	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3575	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	273	0.077	ng	-0.02
5) Phenol-d6	6.879	99	172	0.039	ng	-0.02
8) Nitrobenzene-d5	8.865	82	512	0.134	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	796	0.153	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	218	0.205	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	1877	0.137	ng	-0.02
27) Fluoranthene-d10	19.122	212	2836	0.215	ng	-0.02
31) Terphenyl-d14	19.722	244	2064	0.209	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	5470	3.227	ng	96
6) bis(2-Chloroethyl)ether	7.132	93	95	0.021	ng	# 78
20) 4,6-Dinitro-2-methylph...	15.510	198	1	0.146	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.196	149	505	0.049	ng	94

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

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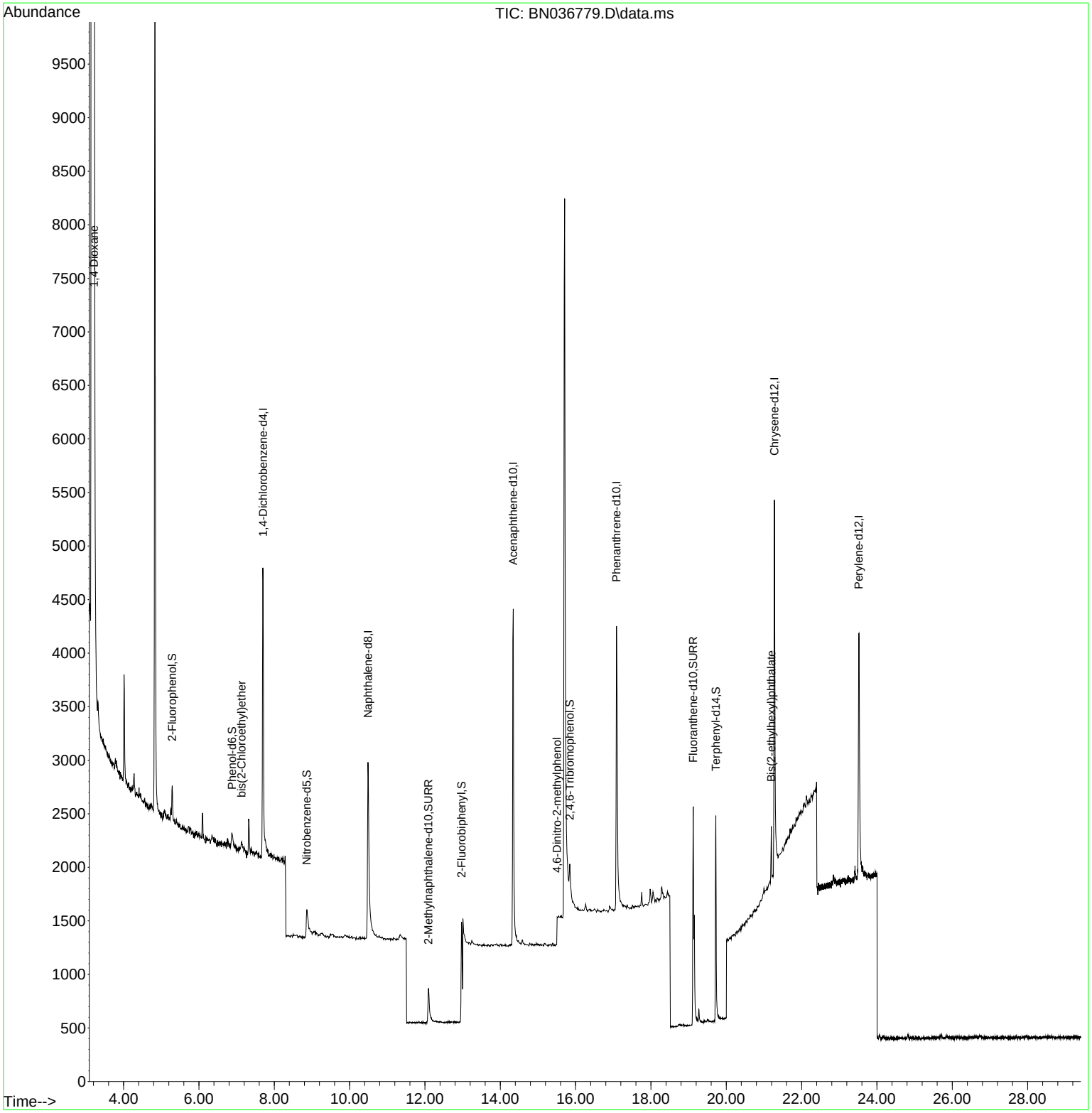
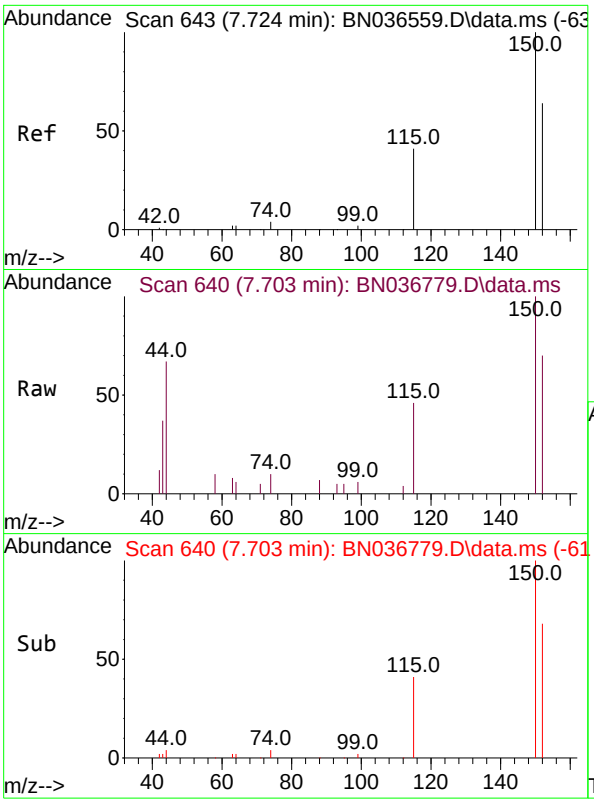


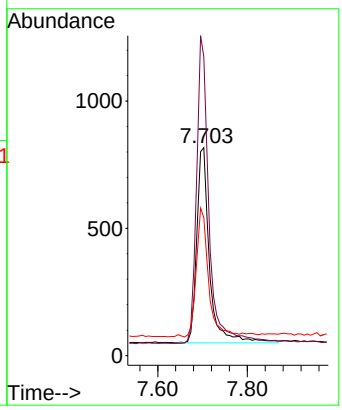


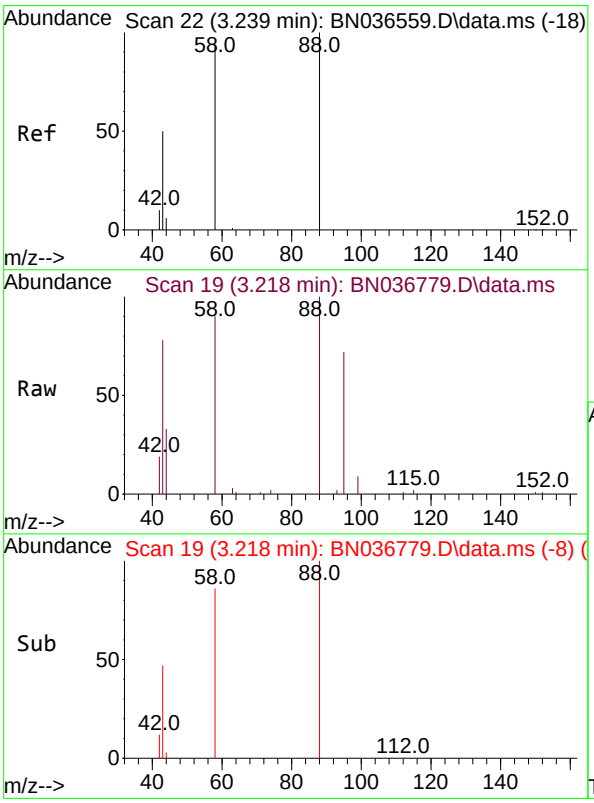
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1528

Ion	Ratio	Lower	Upper
152	100		
150	143.7	123.7	185.5
115	66.3	54.3	81.5

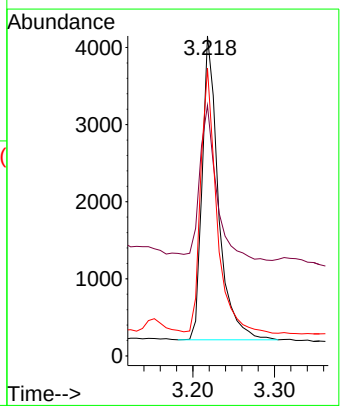


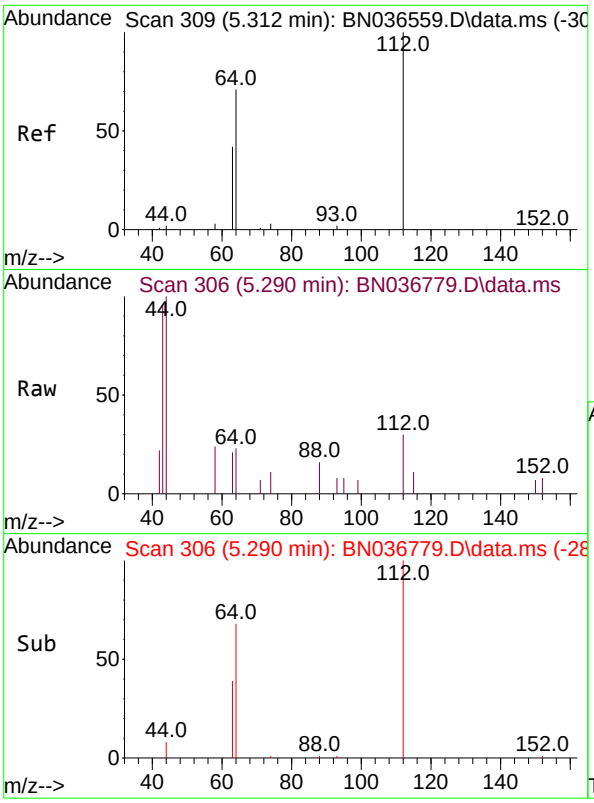


#2
1,4-Dioxane
Concen: 3.227 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion: 88 Resp: 5470

Ion	Ratio	Lower	Upper
88	100		
43	53.0	37.8	56.8
58	86.3	67.4	101.2



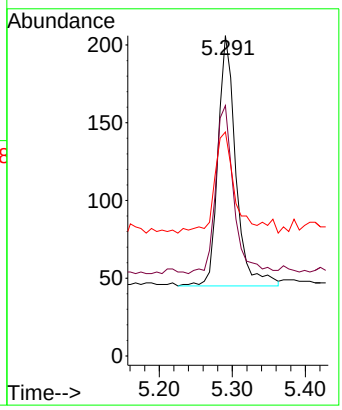


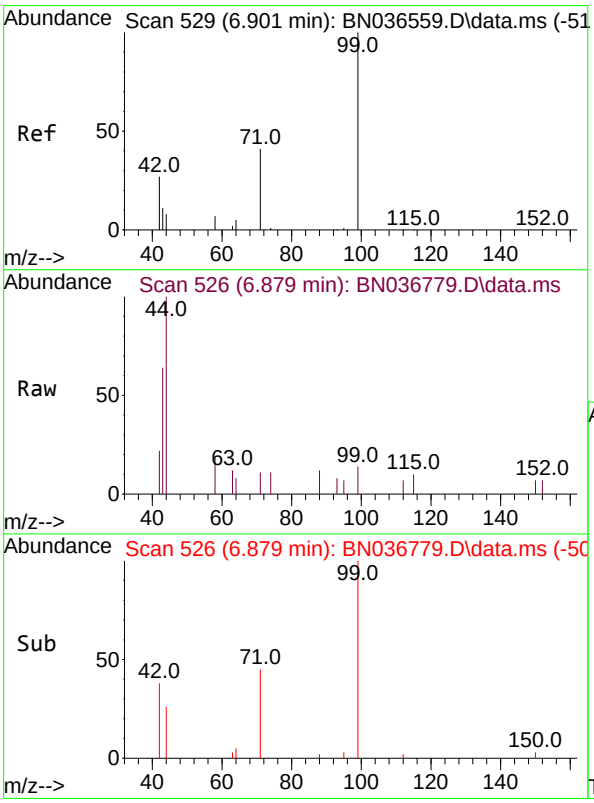
#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.290 min Scan# 3(
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 273

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	44.3	31.8	47.8

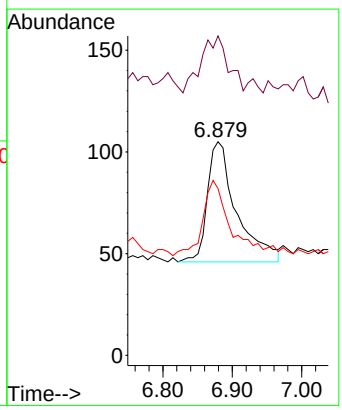


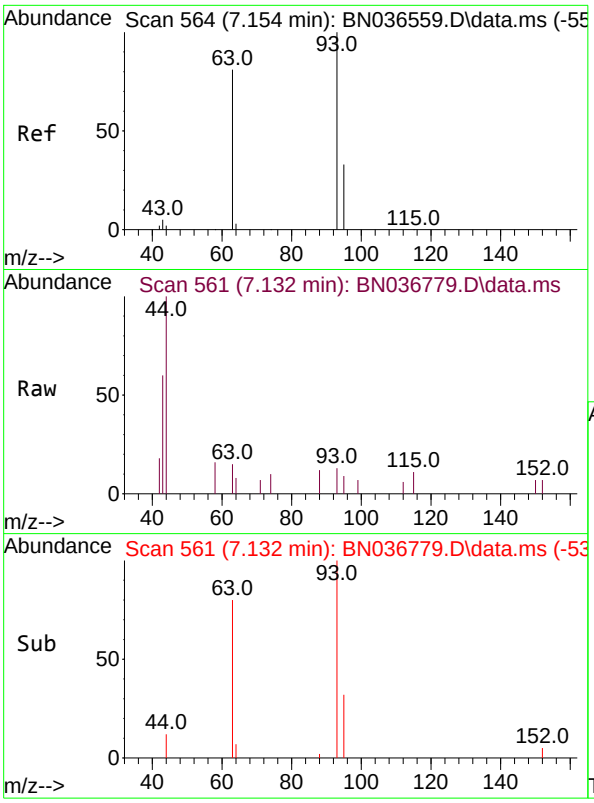


#5
Phenol-d6
Concen: 0.039 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion: 99 Resp: 172

Ion	Ratio	Lower	Upper
99	100		
42	45.3	26.5	39.7#
71	58.1	34.1	51.1#



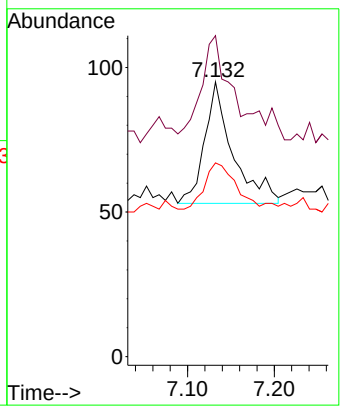


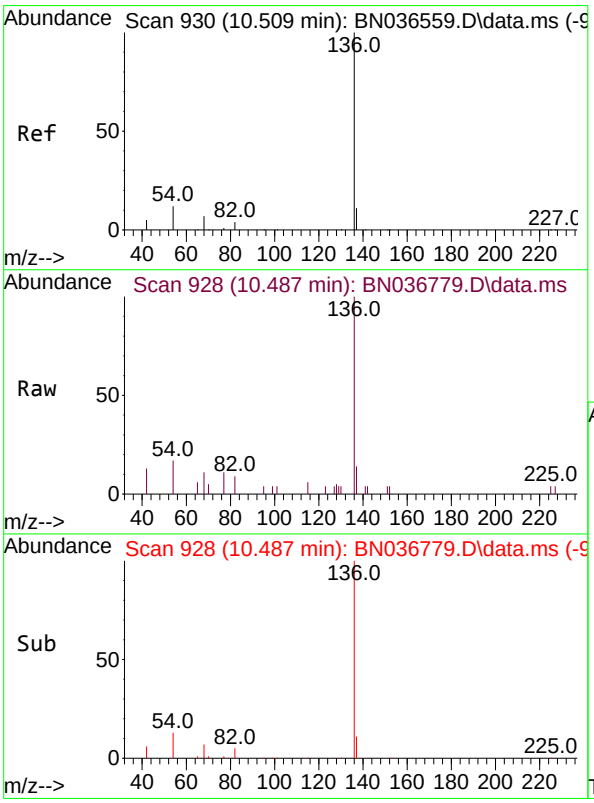
#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.132 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 95

Ion	Ratio	Lower	Upper
93	100		
63	104.2	67.7	101.5#
95	45.3	25.6	38.4#

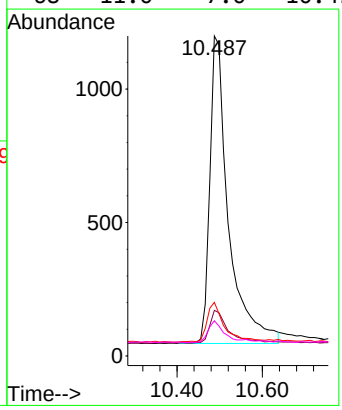


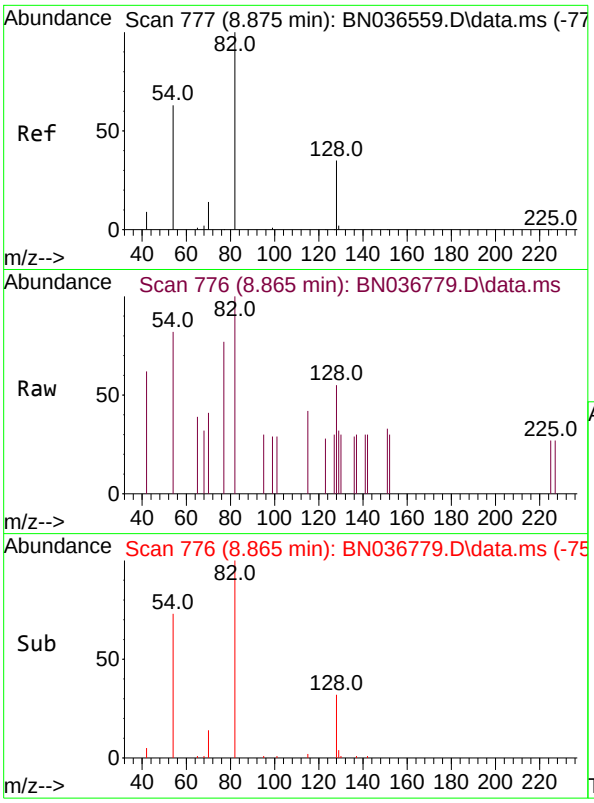


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:136 Resp: 3509

Ion	Ratio	Lower	Upper
136	100		
137	14.3	10.3	15.5
54	16.8	11.5	17.3
68	11.0	7.0	10.4#



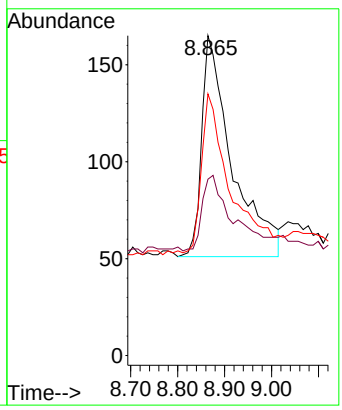


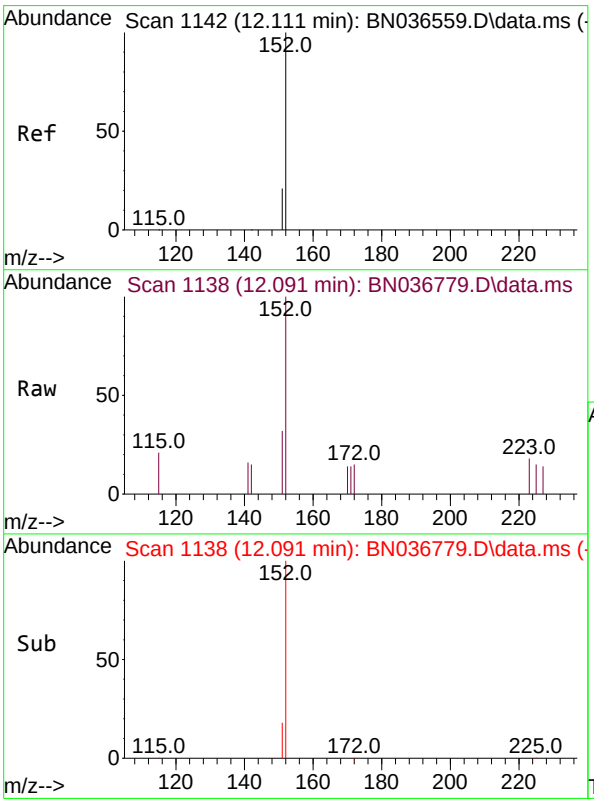
#8
Nitrobenzene-d5
Concen: 0.134 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 512

Ion	Ratio	Lower	Upper
82	100		
128	55.2	30.6	45.8#
54	81.8	52.2	78.4#

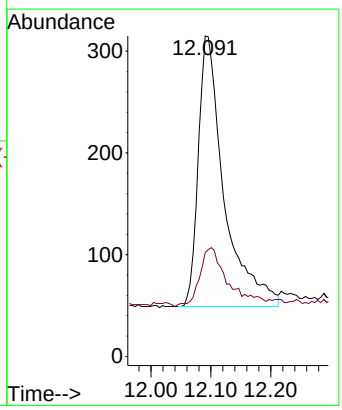


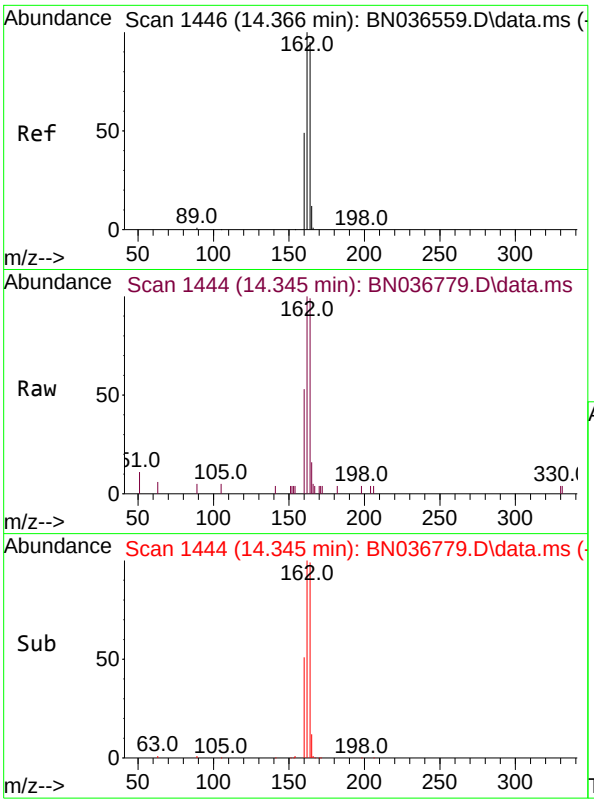


#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.091 min Scan# 1138
Delta R.T. -0.020 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:152 Resp: 796

Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.0	25.6



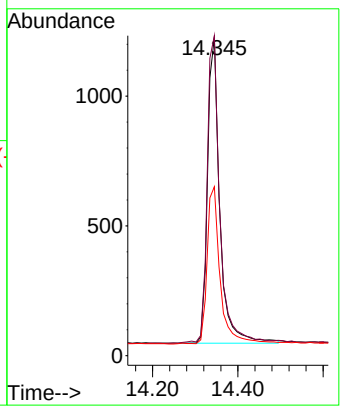


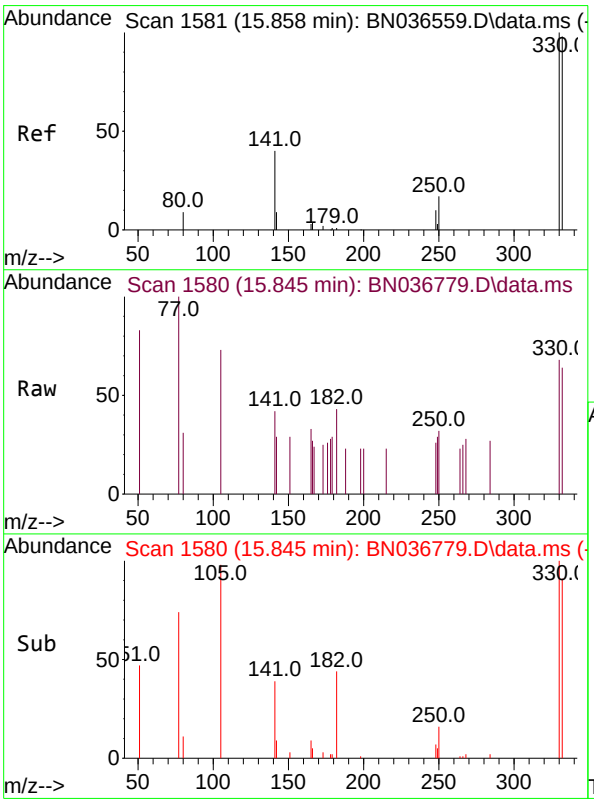
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2347

Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.2	126.2
160	53.1	42.2	63.2

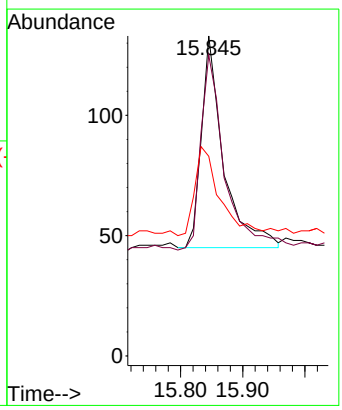


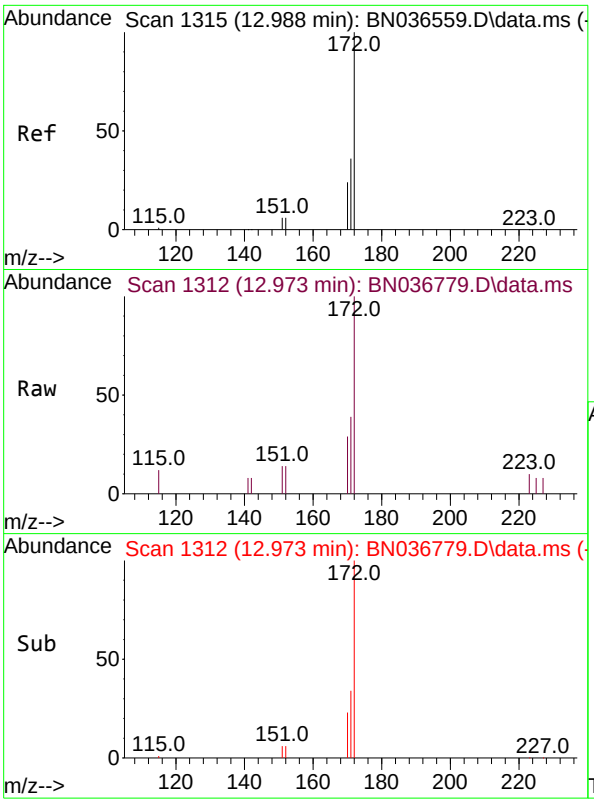


#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	101.8	75.2	112.8
141	47.7	43.4	65.2



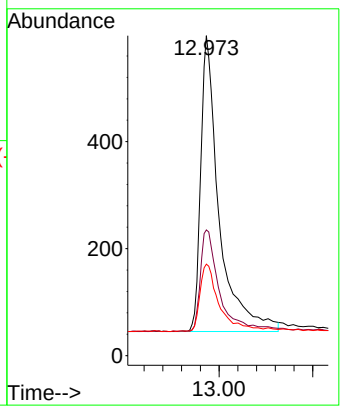


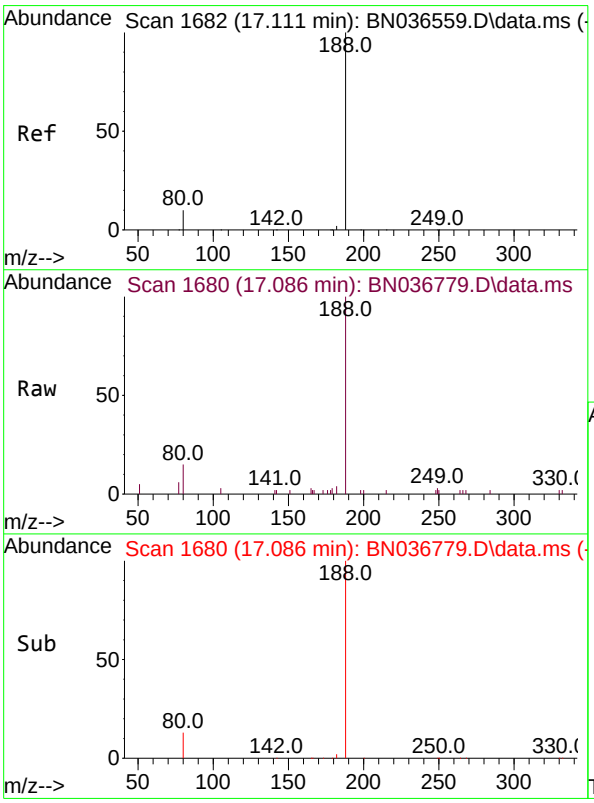
#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 1877

Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.5	44.3
170	28.6	20.2	30.4

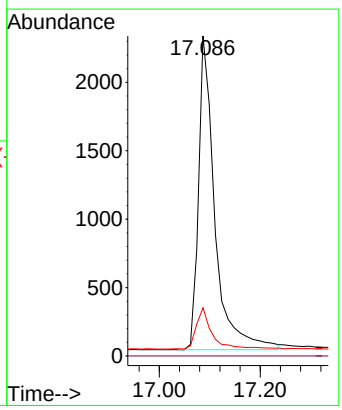


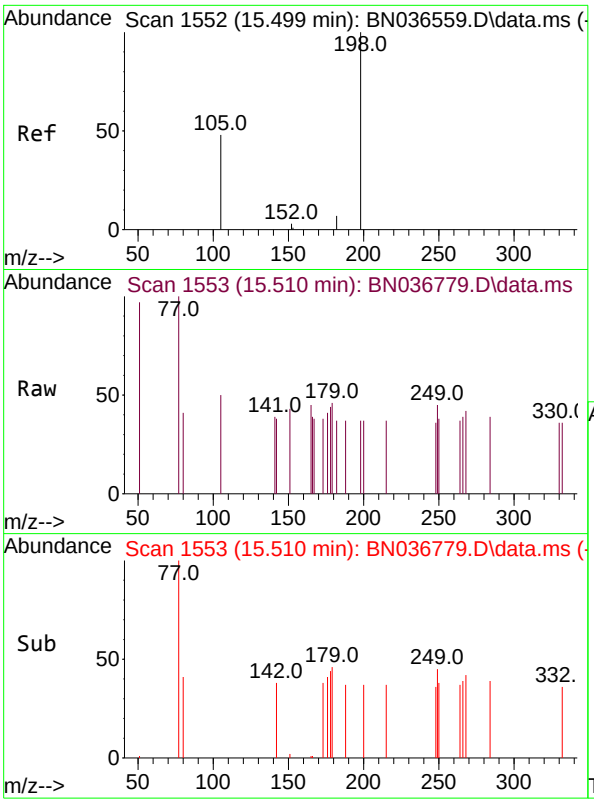


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:188 Resp: 5155

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	8.8	13.2#



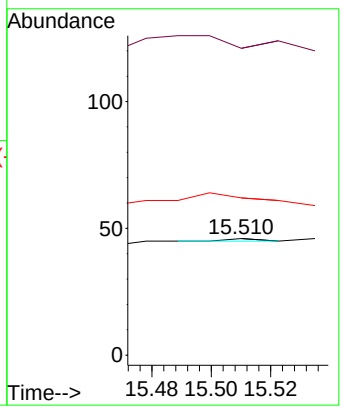


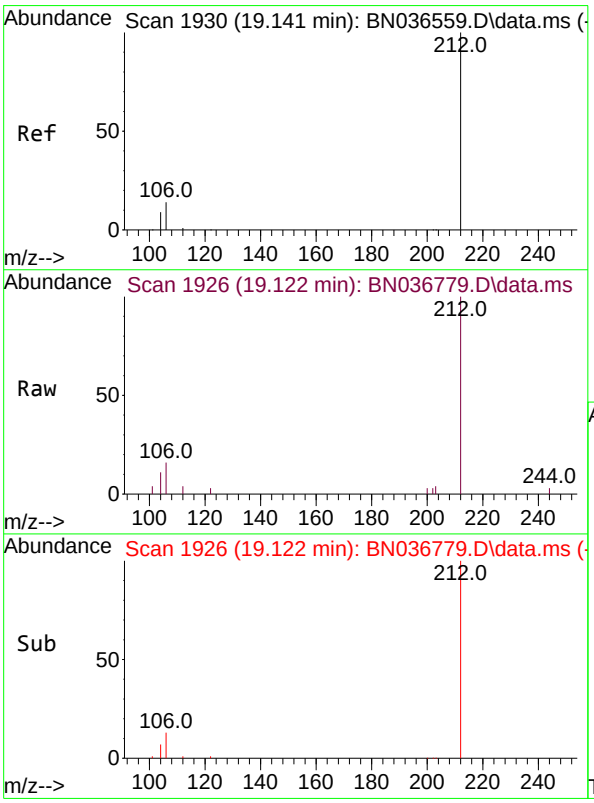
#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.510 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	263.0	107.9	161.9#
105	134.8	56.2	84.2#

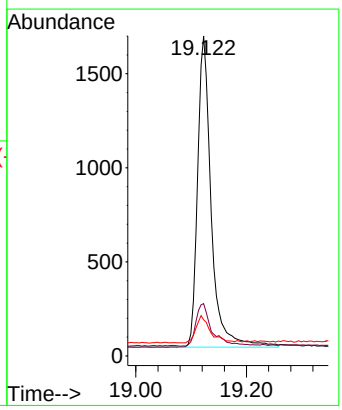


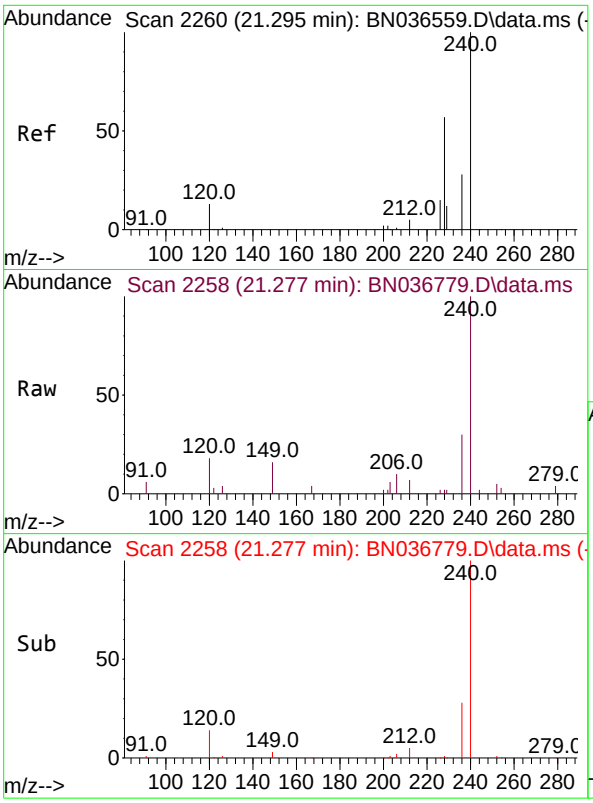


#27
Fluoranthene-d10
Concen: 0.215 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:212 Resp: 2836

Ion	Ratio	Lower	Upper
212	100		
106	16.3	11.8	17.6
104	9.1	7.3	10.9



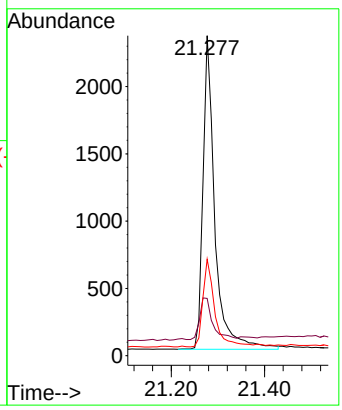


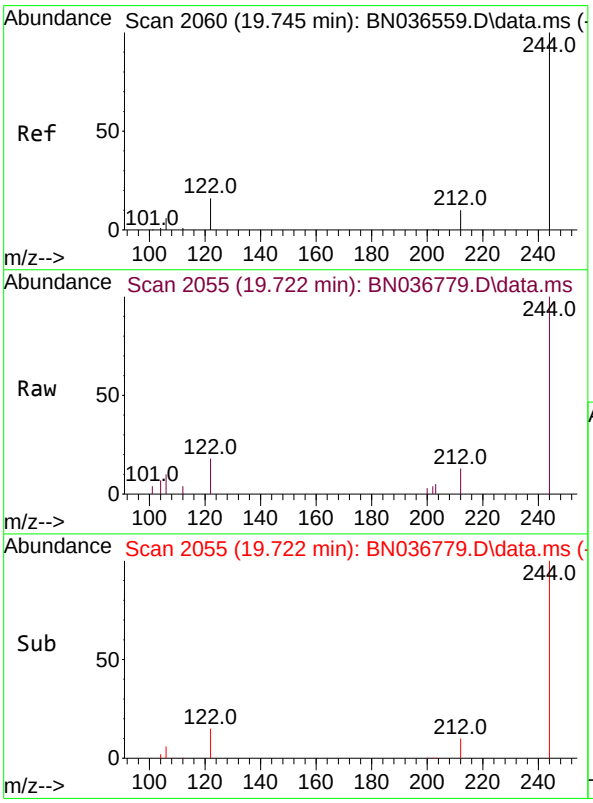
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4127

Ion	Ratio	Lower	Upper
240	100		
120	17.9	14.6	22.0
236	30.2	24.1	36.1

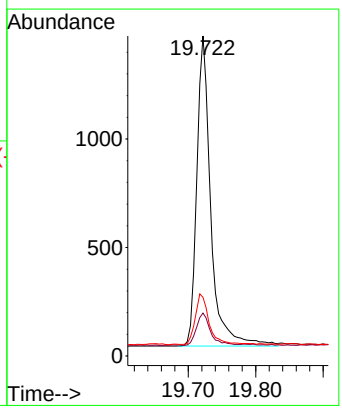


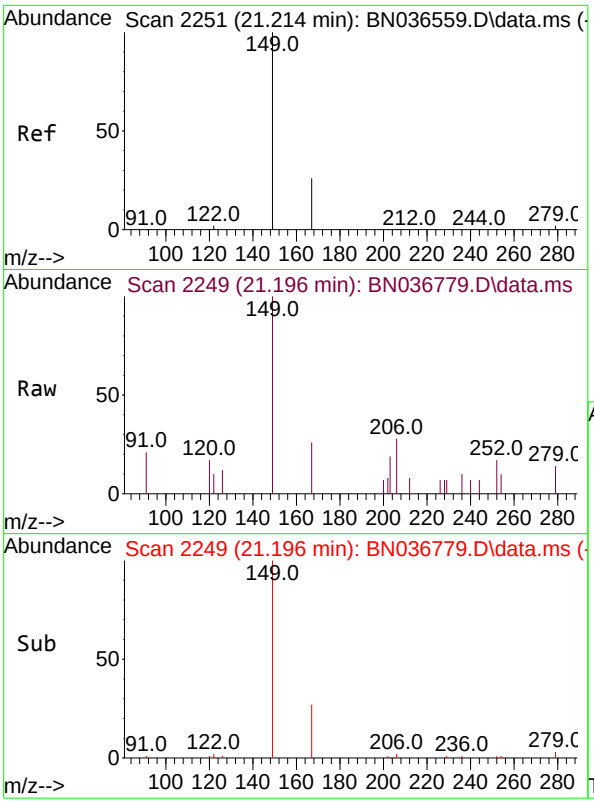


#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:244 Resp: 2064

Ion	Ratio	Lower	Upper
244	100		
212	13.4	9.6	14.4
122	18.3	13.9	20.9



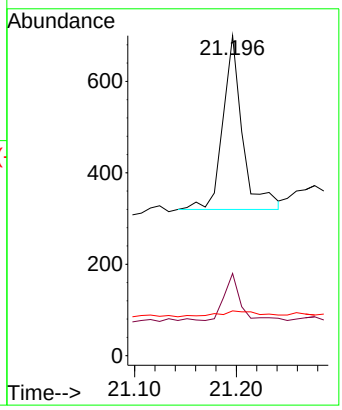


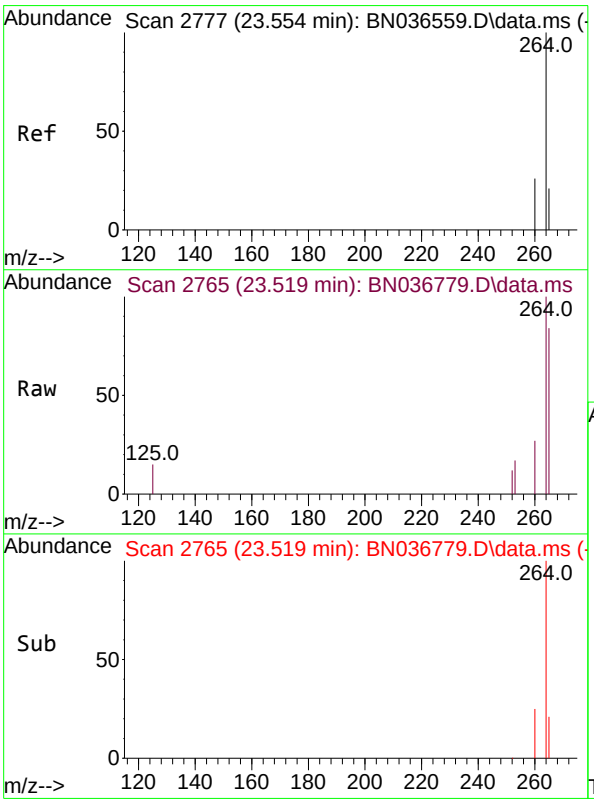
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.196 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 505

Ion	Ratio	Lower	Upper
149	100		
167	22.2	20.7	31.1
279	4.8	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2765
Delta R.T. -0.035 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:264 Resp: 3575

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.6	33.8
265	84.0	88.1	132.1#