Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030773.D
Acq On : 08 Apr 2024 17:48
Operator : MA/JU
Sample : PB160043BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Quant Time: Apr 08 18:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

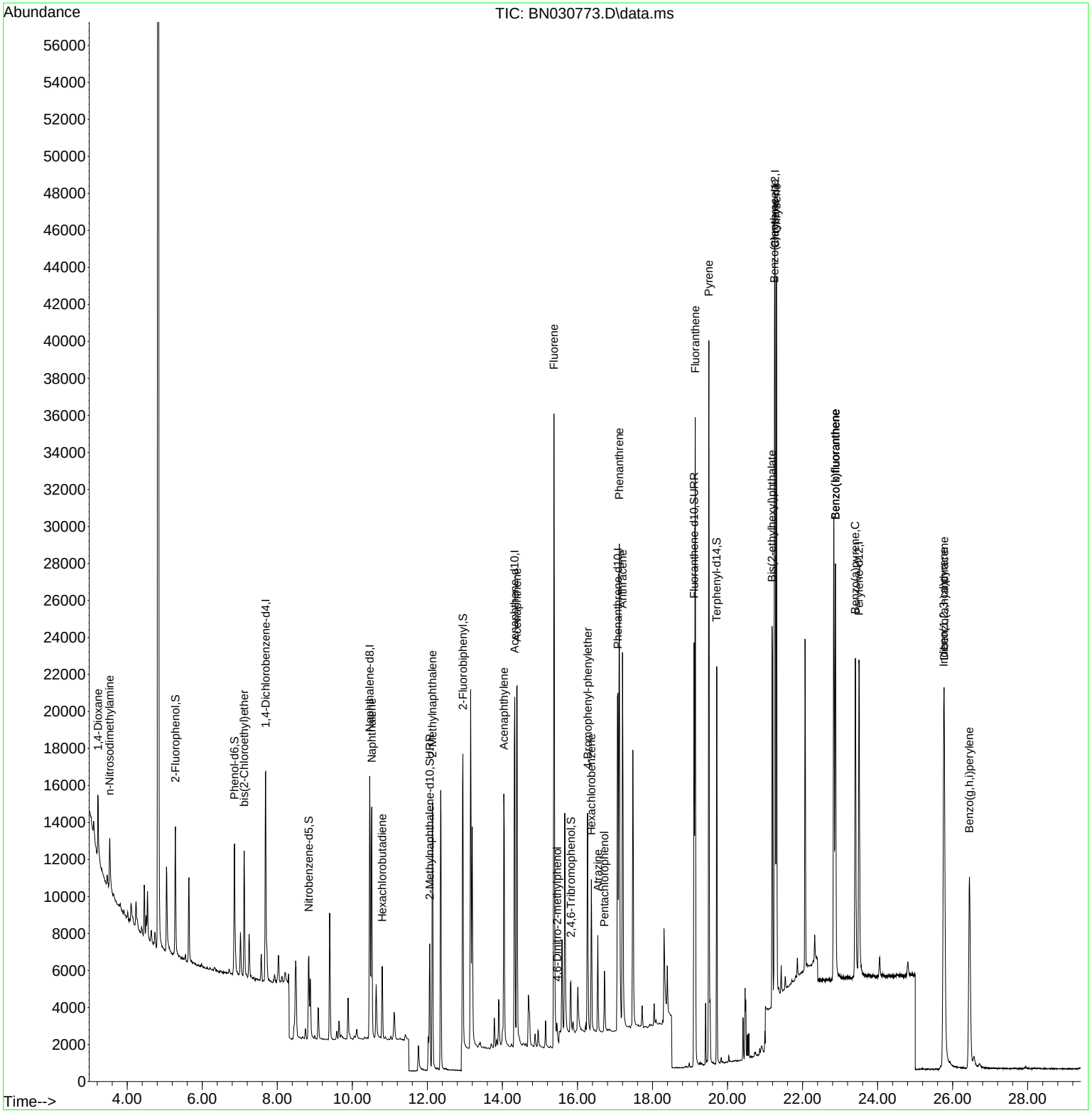
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	6076	0.400	ng		-0.01
7) Naphthalene-d8	10.464	136	19084	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	12070	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	30054	0.400	ng		-0.01
29) Chrysene-d12	21.267	240	26911	0.400	ng		-0.02
35) Perylene-d12	23.504	264	23786	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	5953	0.450	ng		-0.01
5) Phenol-d6	6.859	99	7217	0.424	ng		-0.01
8) Nitrobenzene-d5	8.841	82	4134	0.308	ng		-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9657	0.331	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1824	0.400	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	14065	0.301	ng		-0.02
27) Fluoranthene-d10	19.107	212	25194	0.311	ng		-0.02
31) Terphenyl-d14	19.711	244	20914	0.336	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2169	0.296	ng	#	43
3) n-Nitrosodimethylamine	3.529	42	1859	0.262	ng	#	86
6) bis(2-Chloroethyl)ether	7.119	93	5151	0.307	ng		99
9) Naphthalene	10.517	128	16190	0.306	ng		99
10) Hexachlorobutadiene	10.795	225	3066	0.284	ng	#	99
12) 2-Methylnaphthalene	12.134	142	10796	0.311	ng		99
16) Acenaphthylene	14.038	152	16620	0.304	ng		100
17) Acenaphthene	14.391	154	11026	0.291	ng		99
18) Fluorene	15.375	166	15253	0.309	ng		99
20) 4,6-Dinitro-2-methylph...	15.460	198	657	0.314	ng	#	84
21) 4-Bromophenyl-phenylether	16.271	248	5081	0.280	ng	#	80
22) Hexachlorobenzene	16.370	284	6014	0.277	ng		100
23) Atrazine	16.544	200	3711	0.281	ng		96
24) Pentachlorophenol	16.718	266	1698	0.361	ng		98
25) Phenanthrene	17.115	178	27620	0.310	ng		97
26) Anthracene	17.202	178	21931	0.293	ng		99
28) Fluoranthene	19.140	202	31354	0.296	ng		100
30) Pyrene	19.502	202	34468	0.327	ng		100
32) Benzo(a)anthracene	21.249	228	29126	0.306	ng		100
33) Chrysene	21.303	228	30309	0.297	ng		100
34) Bis(2-ethylhexyl)phtha...	21.187	149	15429	0.373	ng		100
36) Indeno(1,2,3-cd)pyrene	25.761	276	26761	0.254	ng		98
37) Benzo(b)fluoranthene	22.875	252	26830	0.277	ng		98
38) Benzo(k)fluoranthene	22.875	252	28162	0.290	ng		98
39) Benzo(a)pyrene	23.405	252	24245	0.313	ng	#	90
40) Dibenzo(a,h)anthracene	25.776	278	21045	0.252	ng		99
41) Benzo(g,h,i)perylene	26.445	276	22444	0.250	ng		99

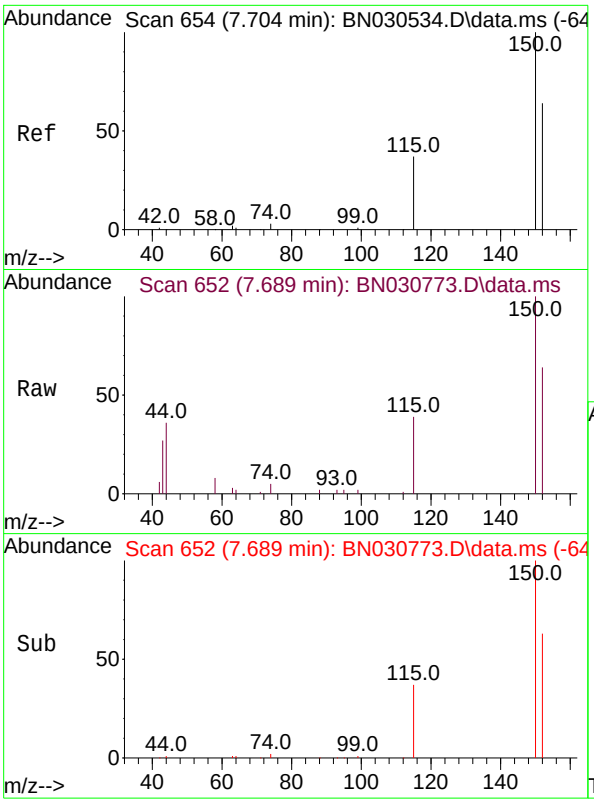
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030773.D
Acq On : 08 Apr 2024 17:48
Operator : MA/JU
Sample : PB160043BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Quant Time: Apr 08 18:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration



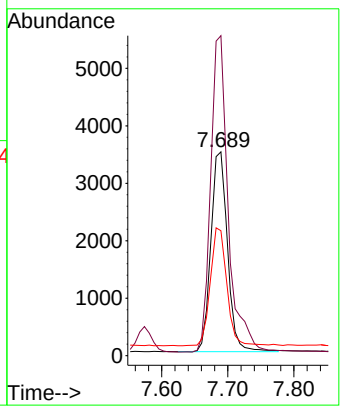


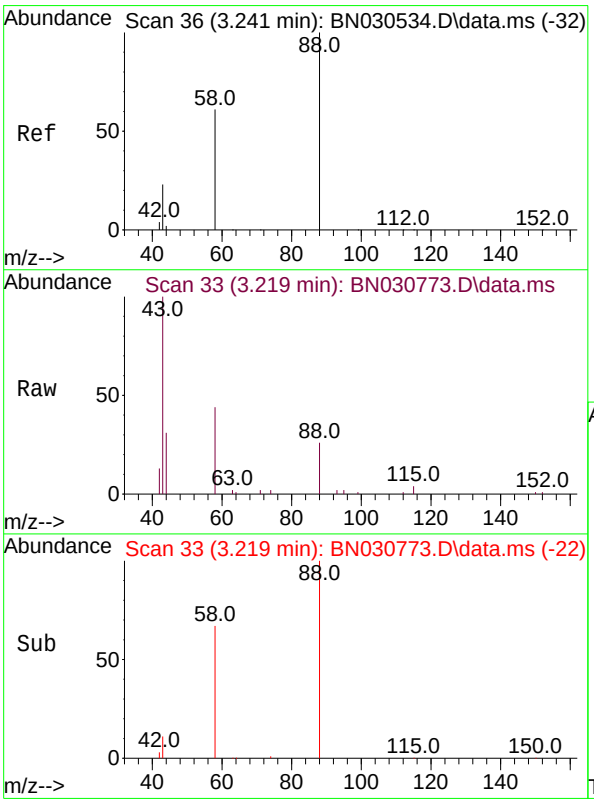
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:152 Resp: 6076

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.4
115	61.3	48.6	72.8

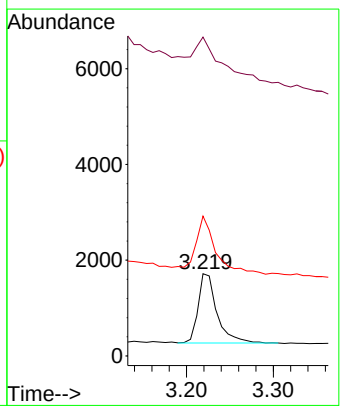


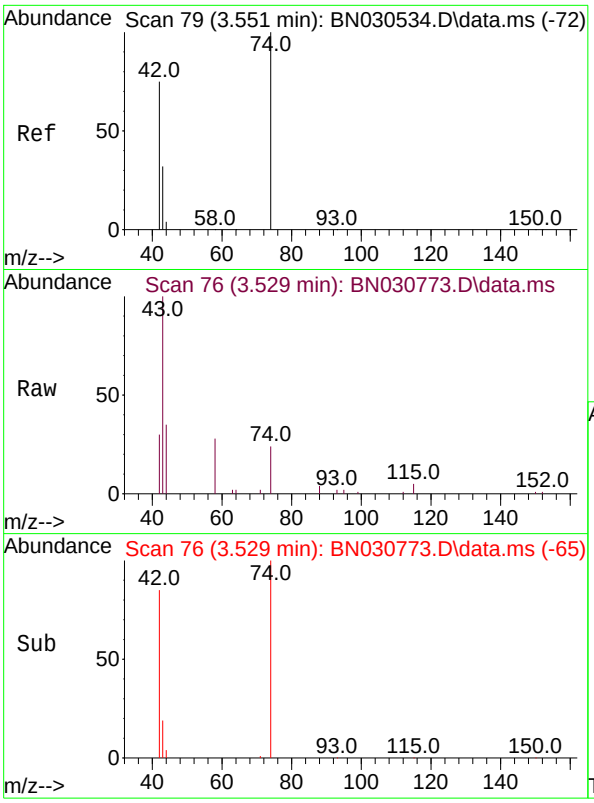


#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.022 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 88 Resp: 2169

Ion	Ratio	Lower	Upper
88	100		
43	100.6	21.9	32.9#
58	84.5	53.4	80.2#



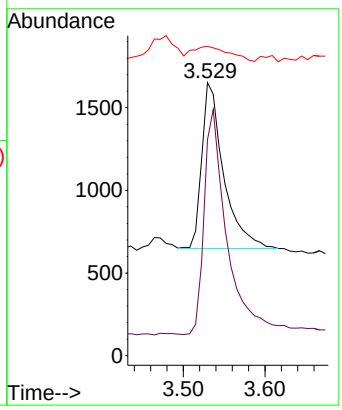


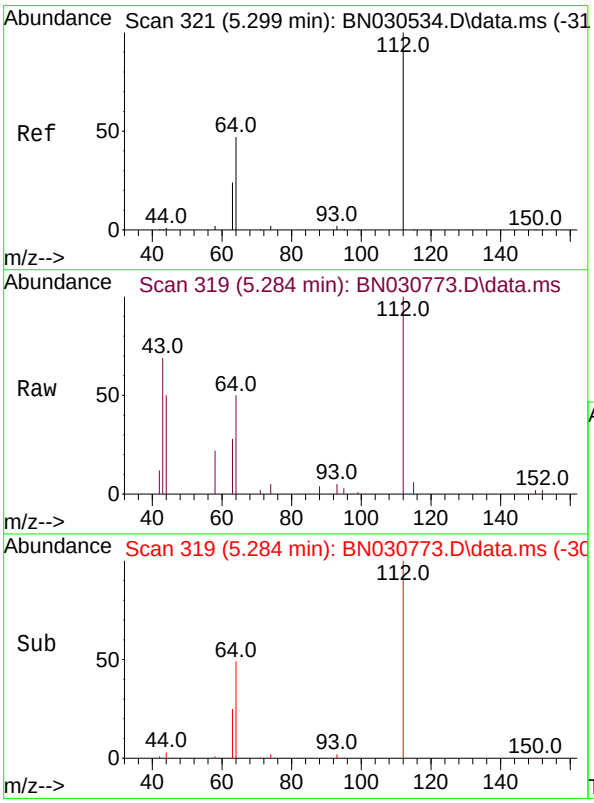
#3
n-Nitrosodimethylamine
Concen: 0.262 ng
RT: 3.529 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion: 42 Resp: 1859

Ion	Ratio	Lower	Upper
42	100		
74	141.9	100.9	151.3
44	15.2	5.8	8.6#

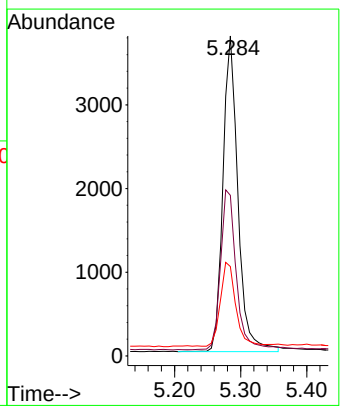


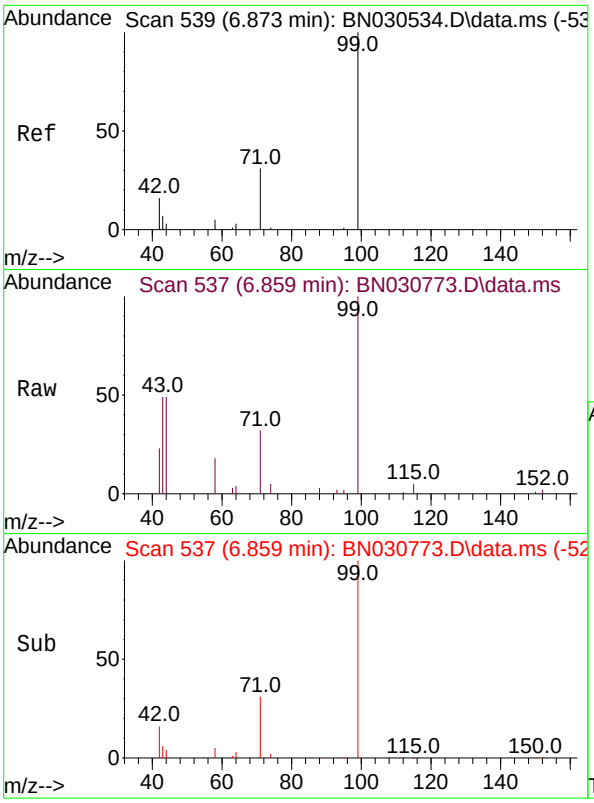


#4
2-Fluorophenol
Concen: 0.450 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:112 Resp: 5953

Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.2	64.8
63	27.3	22.5	33.7



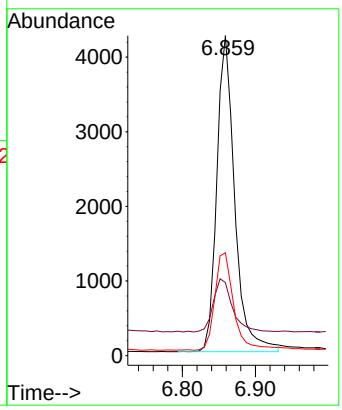


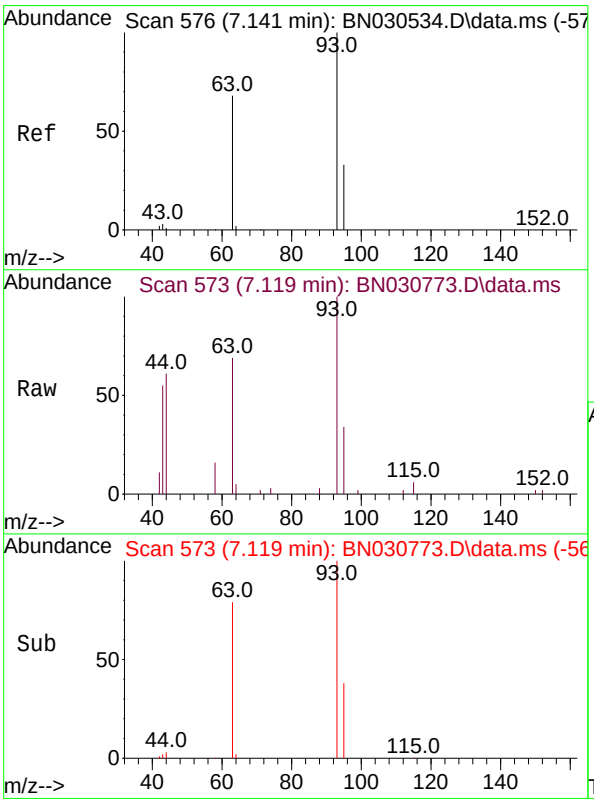
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.859 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion: 99 Resp: 7217

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	32.3	25.9	38.9

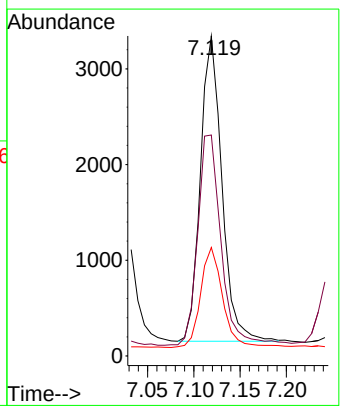


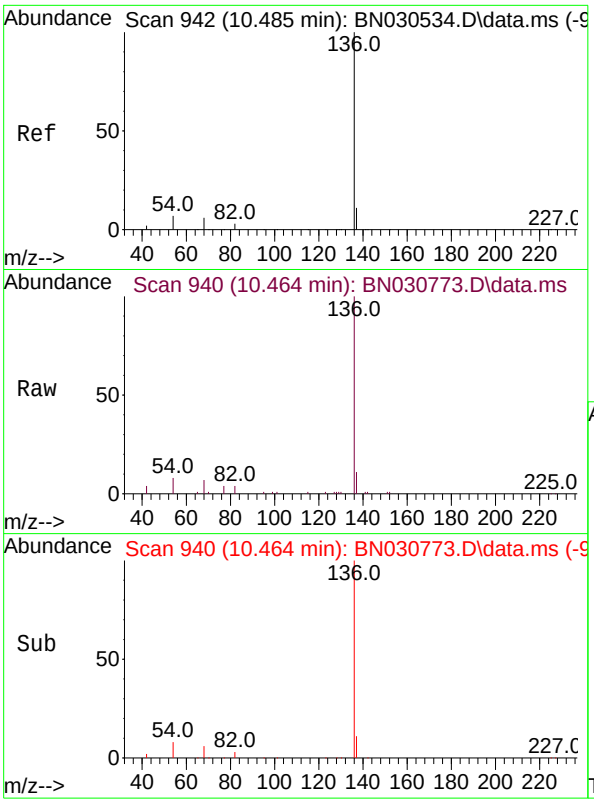


#6
bis(2-Chloroethyl)ether
Concen: 0.307 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 93 Resp: 5151

Ion	Ratio	Lower	Upper
93	100		
63	75.0	60.5	90.7
95	33.9	27.5	41.3



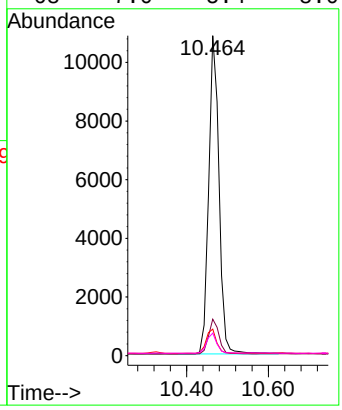


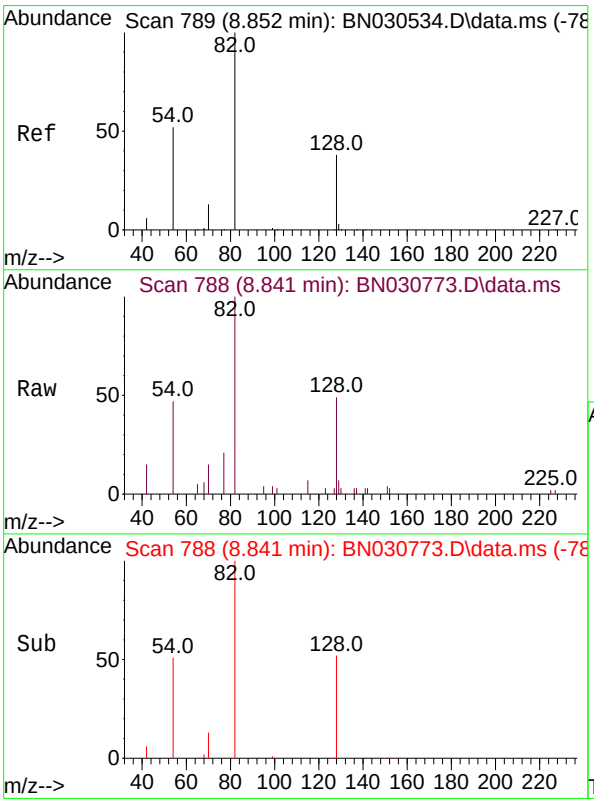
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:136 Resp: 19084

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.3	6.4	9.6
68	7.0	5.4	8.0

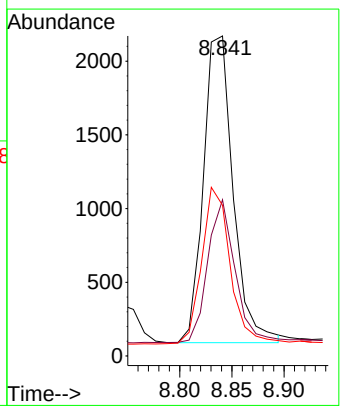


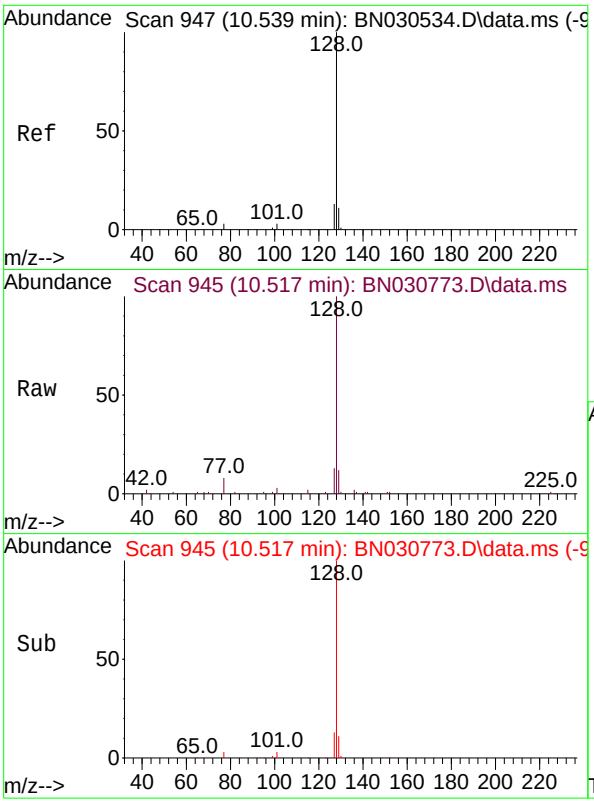


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion: 82 Resp: 4134

Ion	Ratio	Lower	Upper
82	100		
128	48.8	32.3	48.5#
54	47.1	42.7	64.1



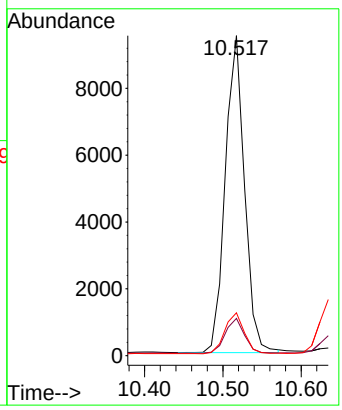


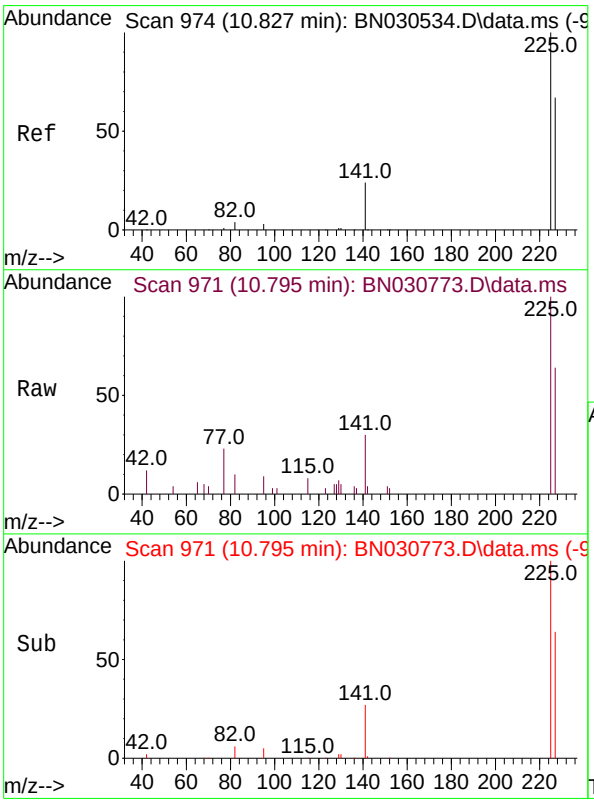
#9
Naphthalene
Concen: 0.306 ng
RT: 10.517 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:128 Resp: 16190

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.4	10.5	15.7

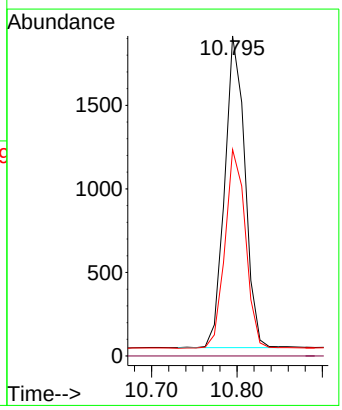


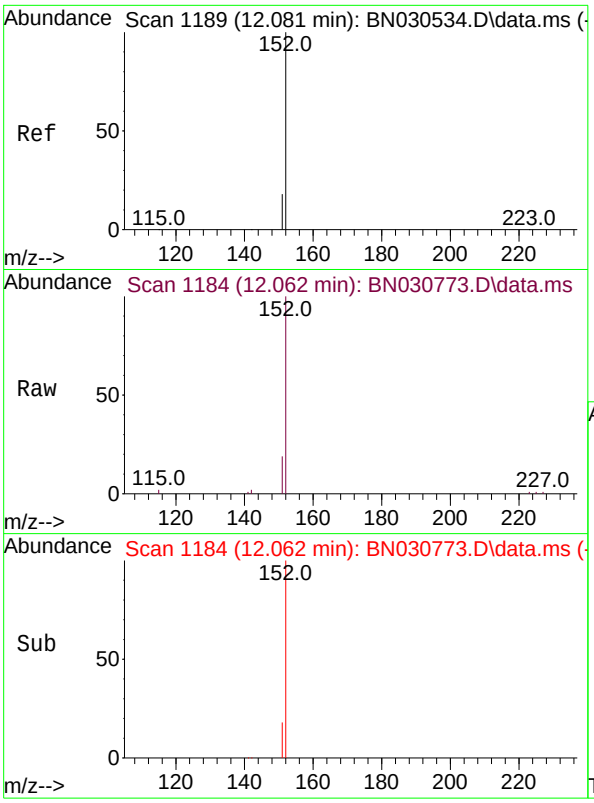


#10
Hexachlorobutadiene
Concen: 0.284 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:225 Resp: 3066

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.4	77.2



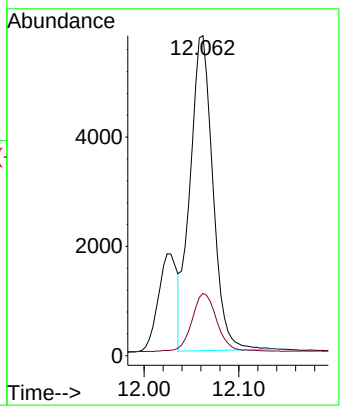


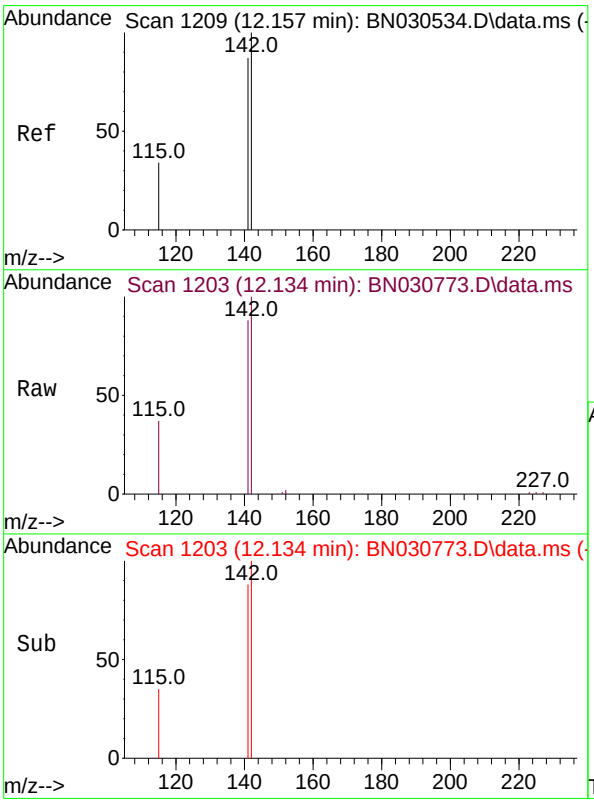
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.062 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:152 Resp: 9657

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

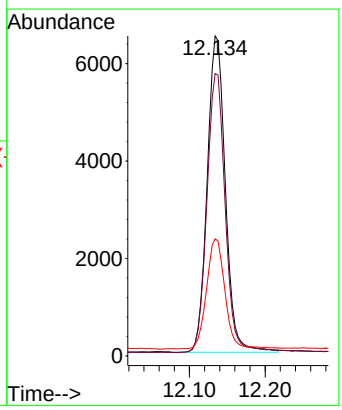


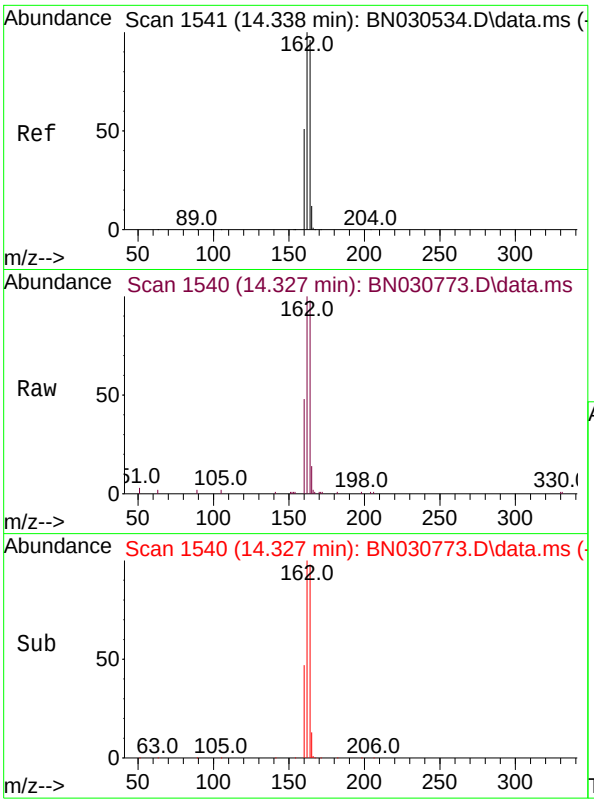


#12
2-Methylnaphthalene
Concen: 0.311 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:142 Resp: 10796

Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.8
115	36.6	28.3	42.5



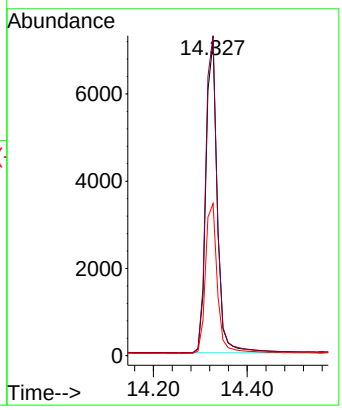


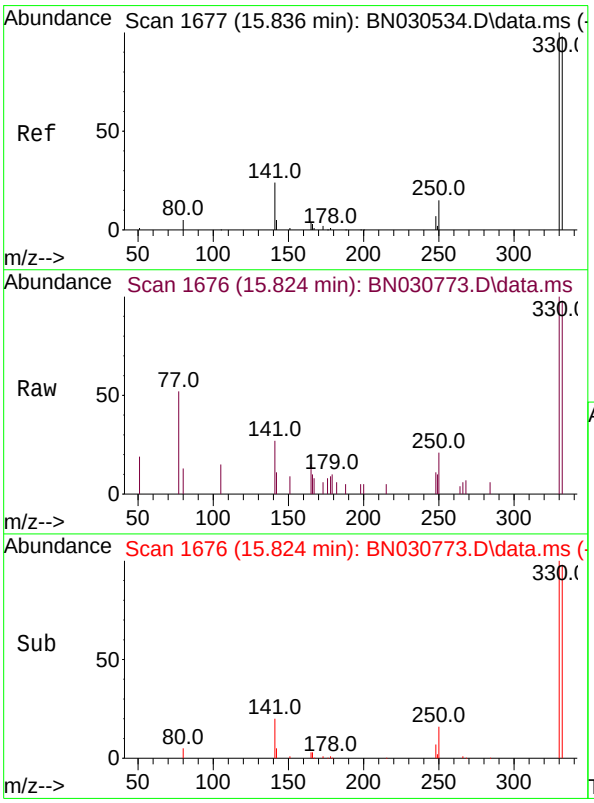
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:164 Resp: 12070

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.5	125.3
160	48.4	42.5	63.7

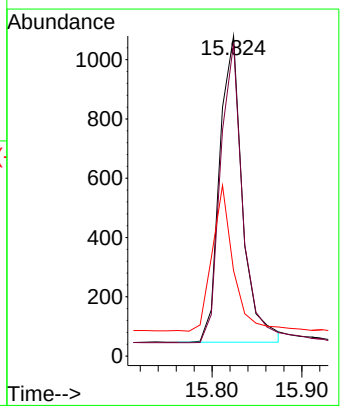


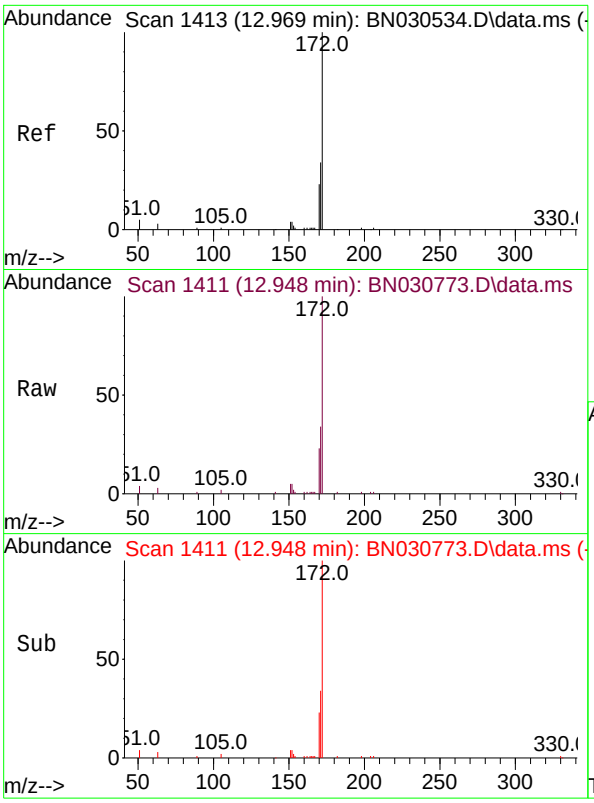


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:330 Resp: 1824

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	43.9	35.9	53.9



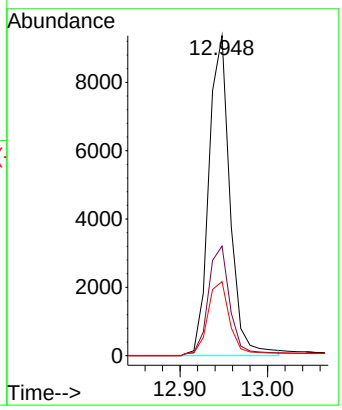


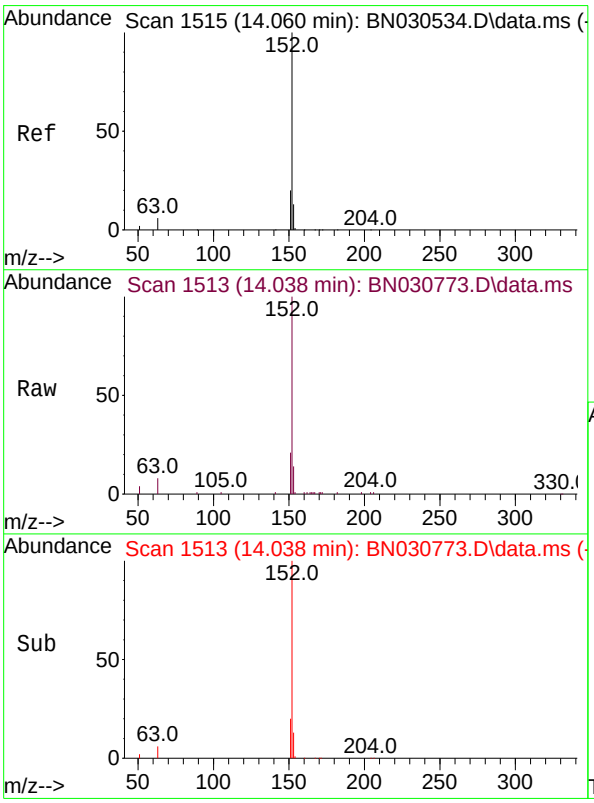
#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.948 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:172 Resp: 14065

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.1	40.7
170	23.2	18.3	27.5

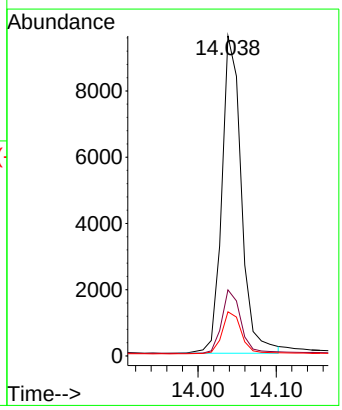


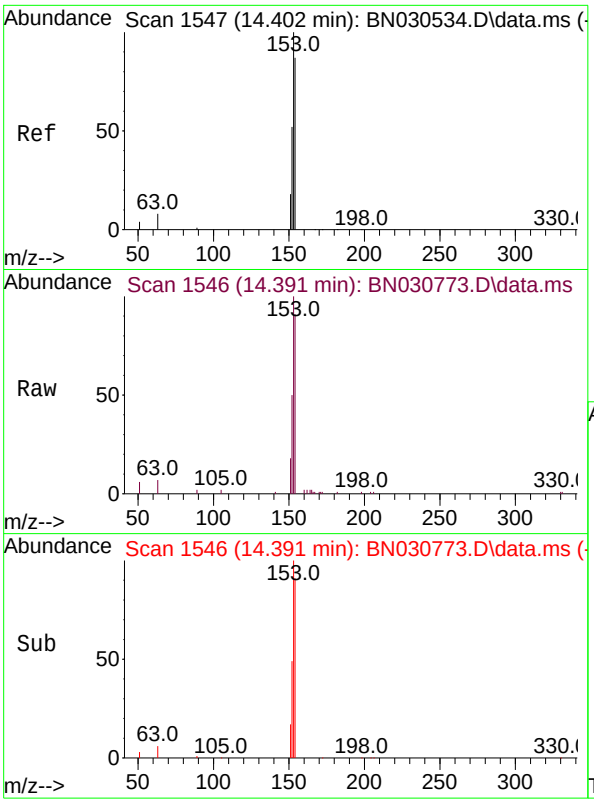


#16
Acenaphthylene
Concen: 0.304 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:152 Resp: 16620

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.1	10.3	15.5



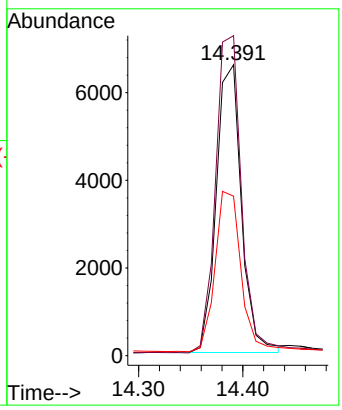


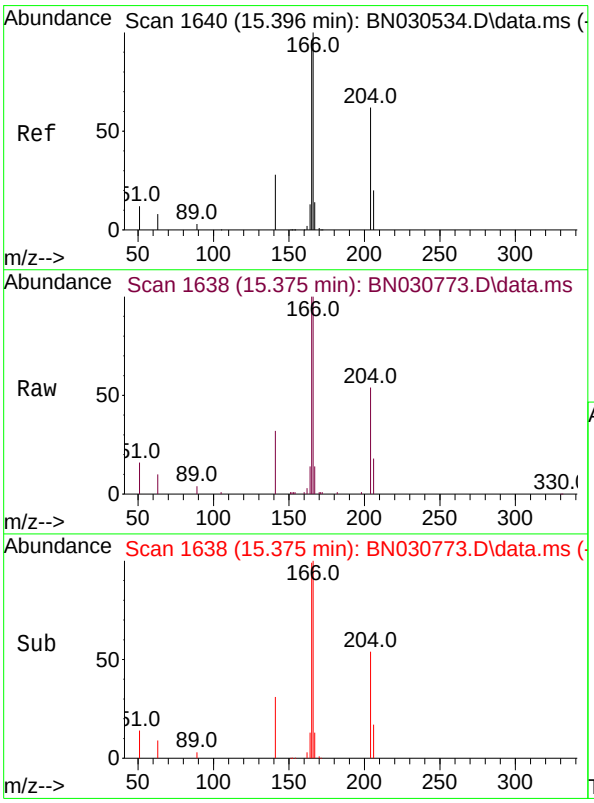
#17
Acenaphthene
Concen: 0.291 ng
RT: 14.391 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:154 Resp: 11026

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.6
152	57.8	47.8	71.6

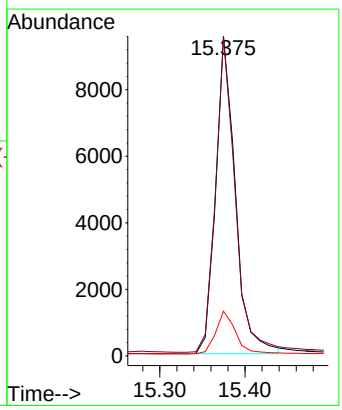


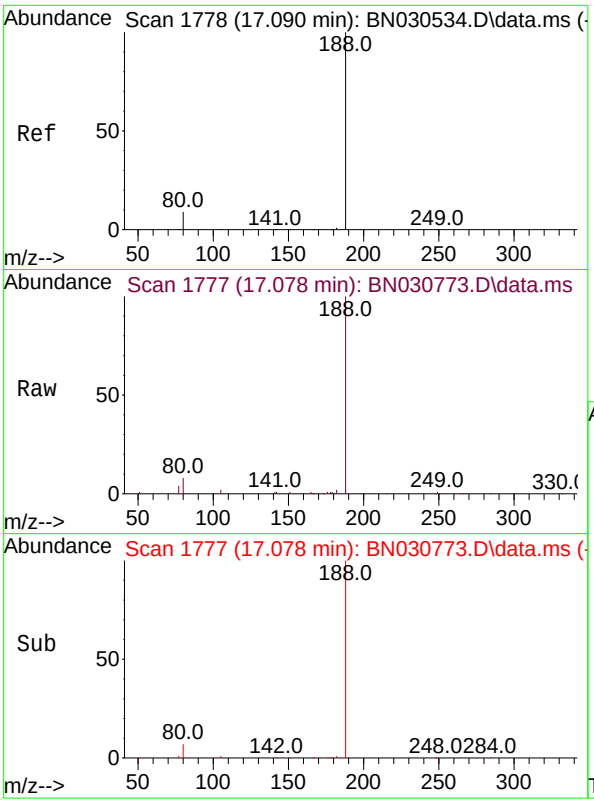


#18
Fluorene
Concen: 0.309 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:166 Resp: 15253

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	13.6	10.8	16.2



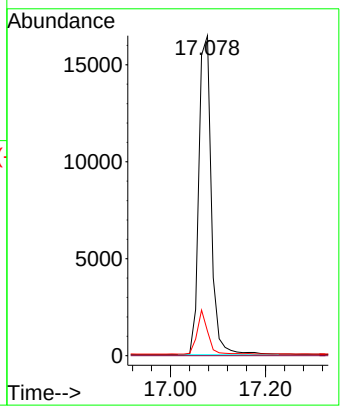


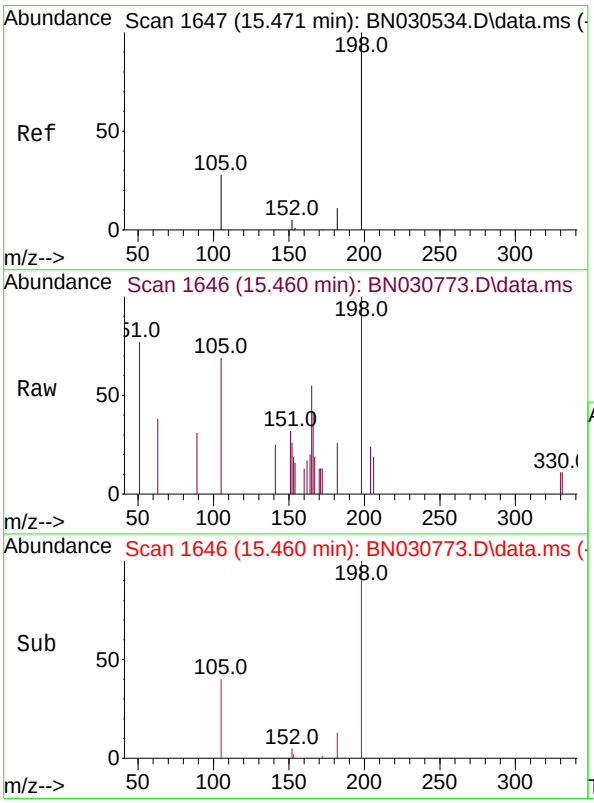
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:188 Resp: 30054

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	7.4	11.0

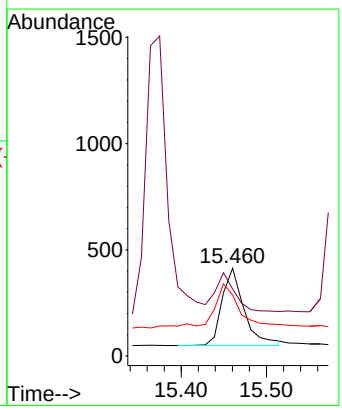


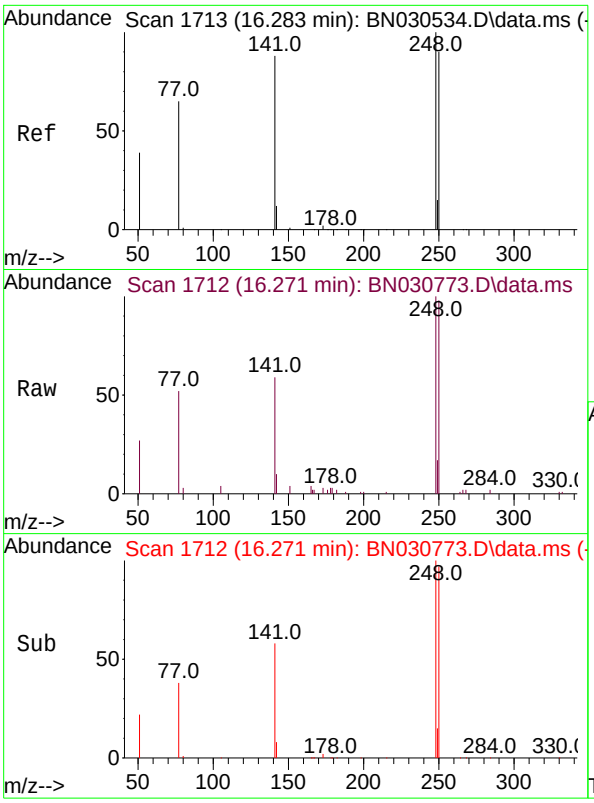


#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:198 Resp: 657

Ion	Ratio	Lower	Upper
198	100		
51	76.5	57.8	86.6
105	69.5	37.5	56.3#



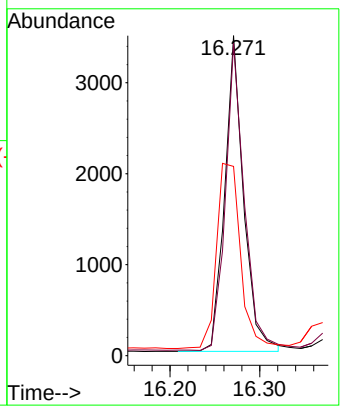


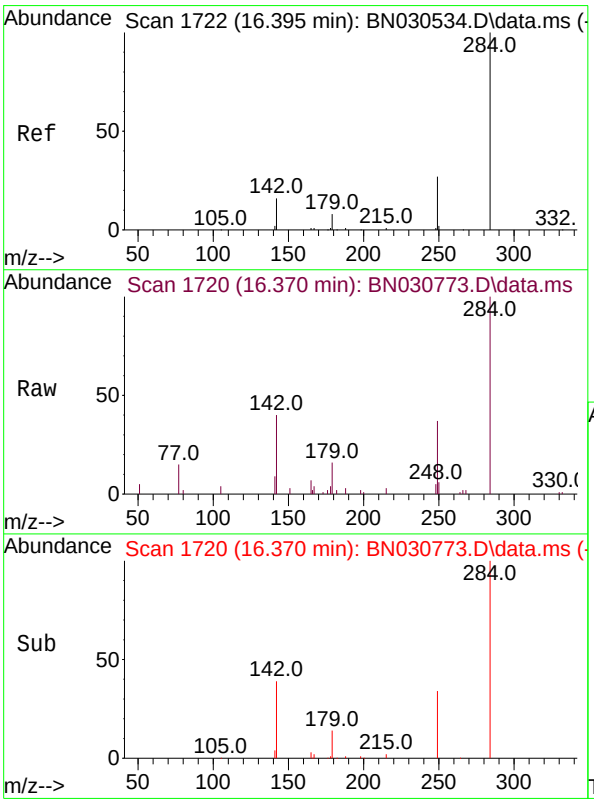
#21
4-Bromophenyl-phenylether
Concen: 0.280 ng
RT: 16.271 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:248 Resp: 5081

Ion	Ratio	Lower	Upper
248	100		
250	97.5	72.2	108.2
141	59.2	71.1	106.7#

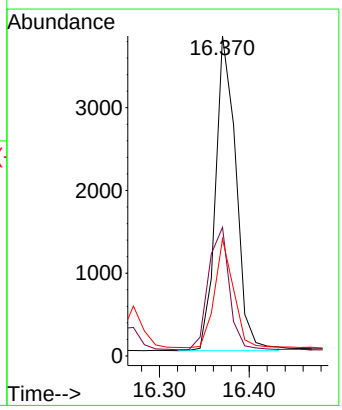


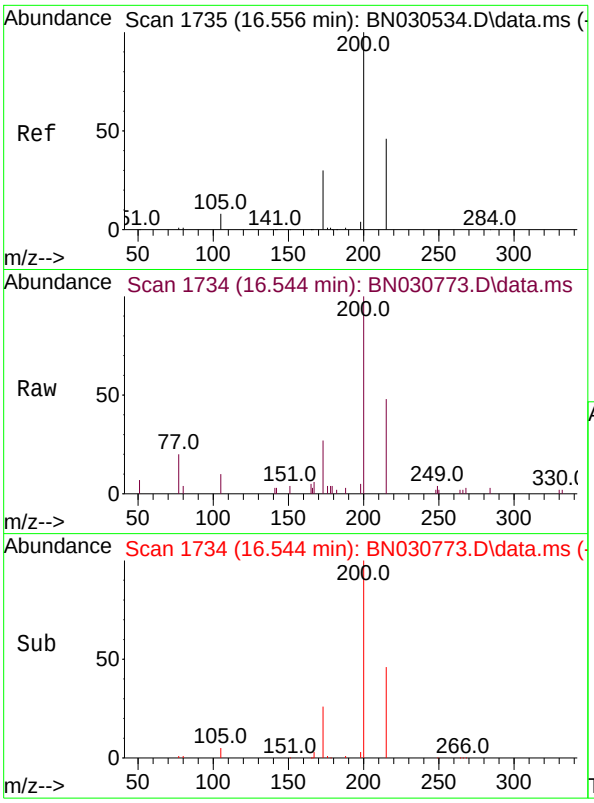


#22
Hexachlorobenzene
Concen: 0.277 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:284 Resp: 6014

Ion	Ratio	Lower	Upper
284	100		
142	39.8	31.8	47.6
249	32.2	25.8	38.6



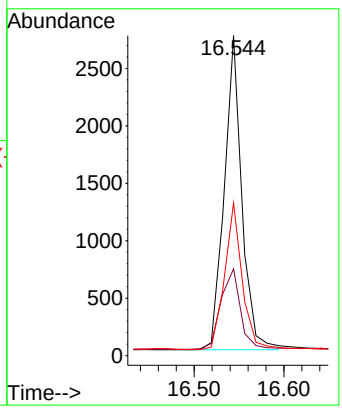


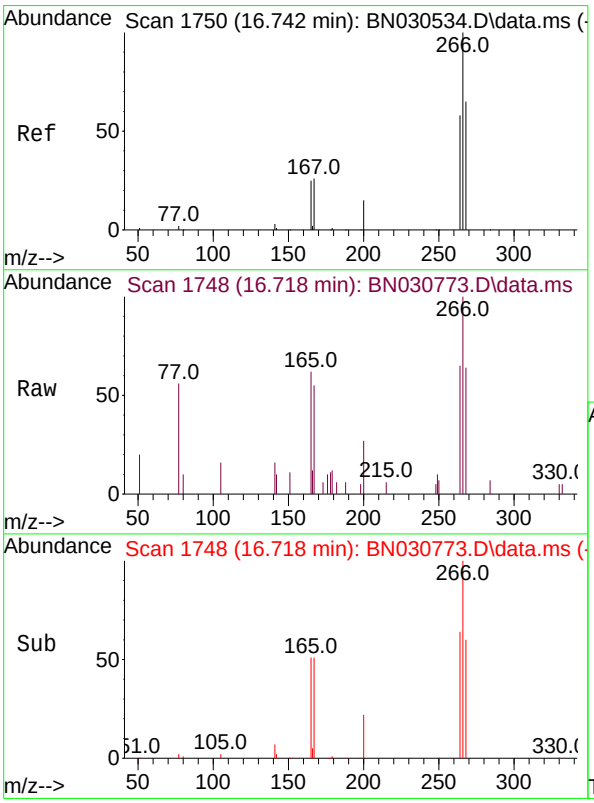
#23
Atrazine
Concen: 0.281 ng
RT: 16.544 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:200 Resp: 3711

Ion	Ratio	Lower	Upper
200	100		
173	27.1	25.0	37.6
215	47.7	37.4	56.2

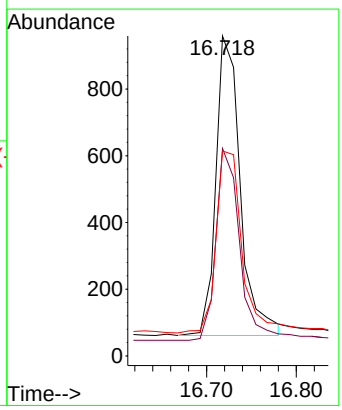


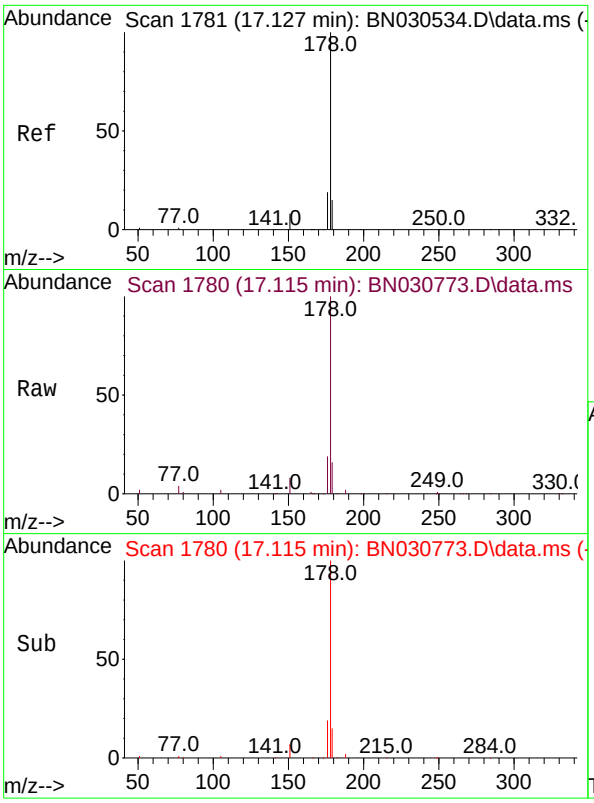


#24
Pentachlorophenol
Concen: 0.361 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.024 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:266 Resp: 1698

Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.7	73.1
268	63.8	49.5	74.3



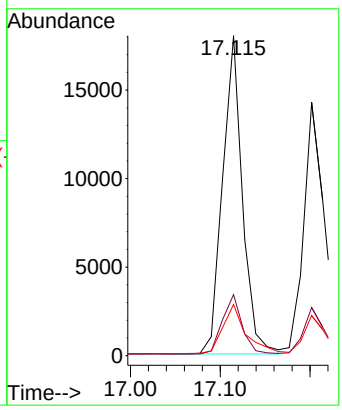


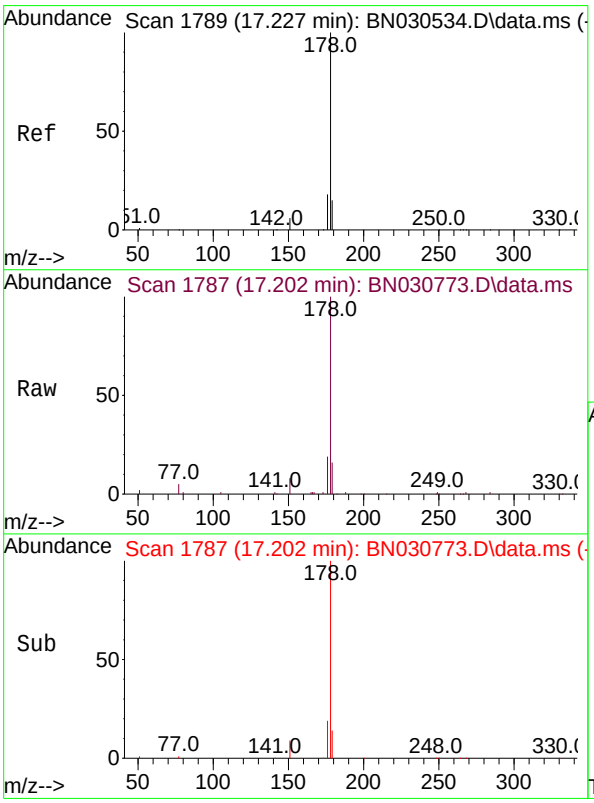
#25
Phenanthrene
Concen: 0.310 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:178 Resp: 27620

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.9	12.4	18.6

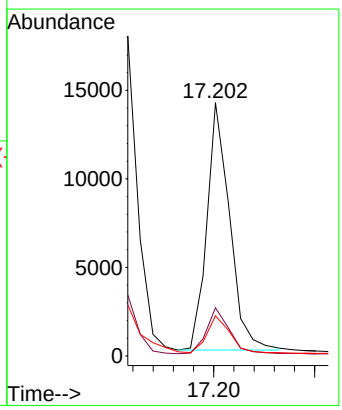


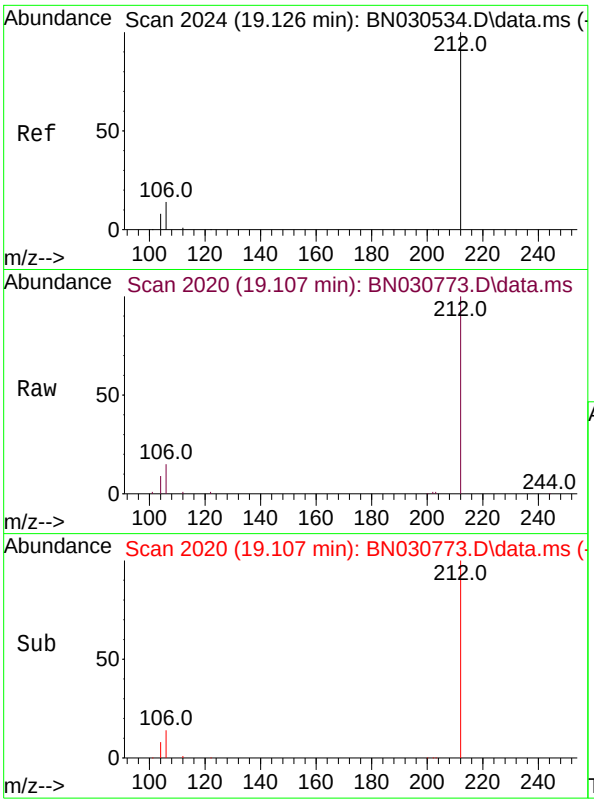


#26
Anthracene
Concen: 0.293 ng
RT: 17.202 min Scan# 1787
Delta R.T. -0.025 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:178 Resp: 21931

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.6	12.2	18.4



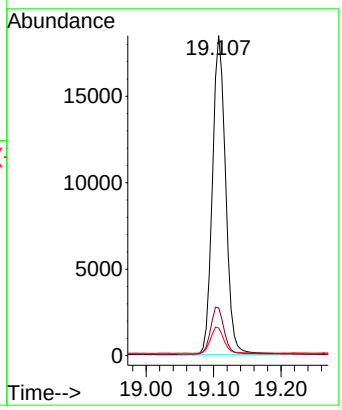


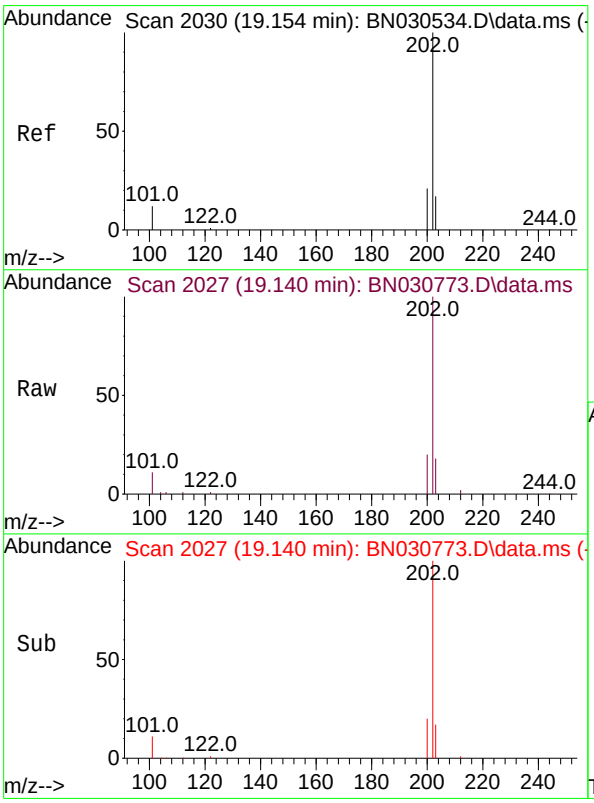
#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.107 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:212 Resp: 25194

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.6
104	8.3	6.6	9.8

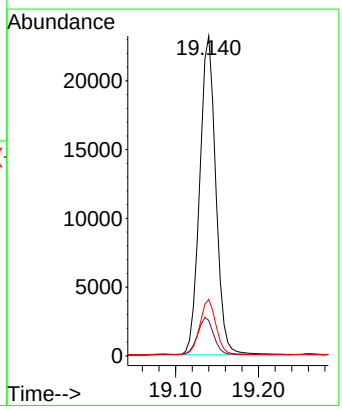


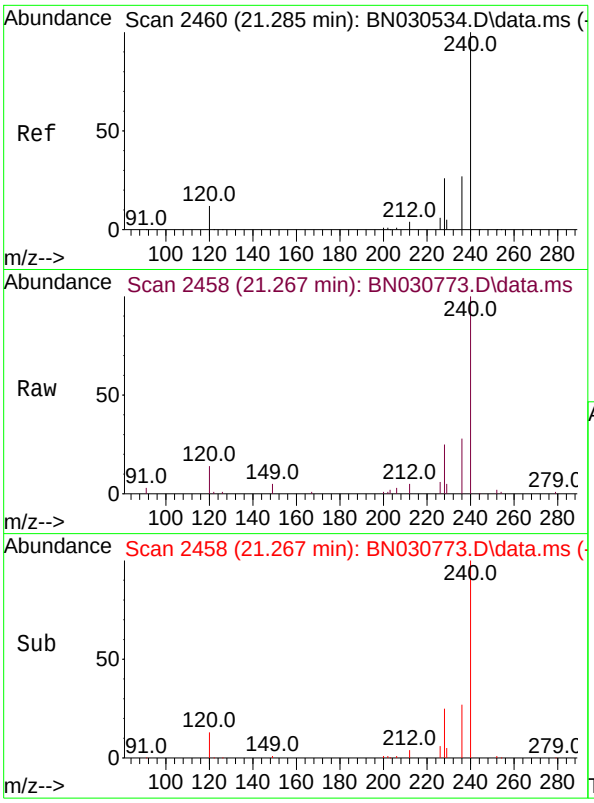


#28
Fluoranthene
Concen: 0.296 ng
RT: 19.140 min Scan# 2027
Delta R.T. -0.014 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:202 Resp: 31354

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.0
203	17.1	13.7	20.5



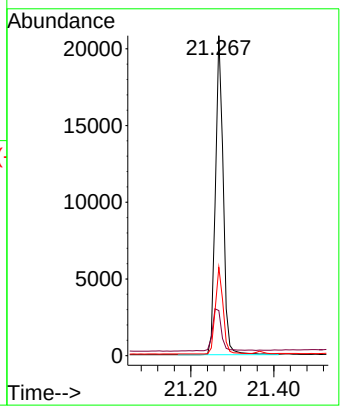


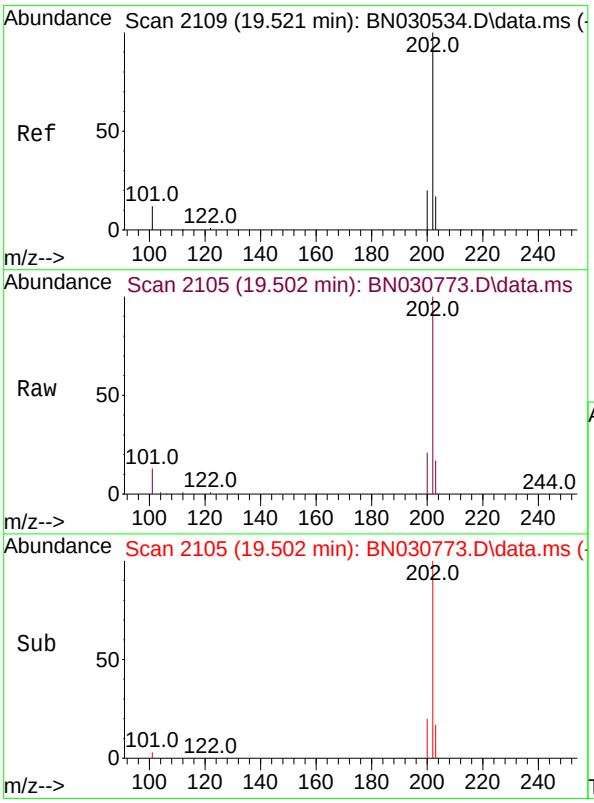
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:240 Resp: 26911

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.6	15.8
236	27.6	22.1	33.1

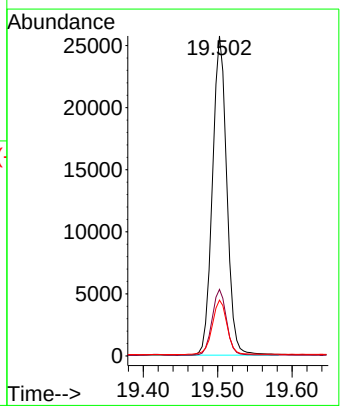


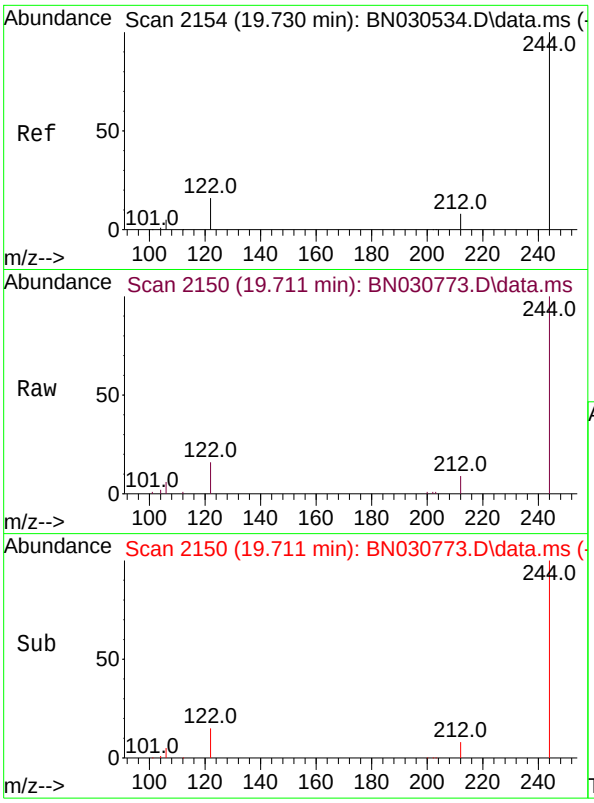


#30
Pyrene
Concen: 0.327 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:202 Resp: 34468

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.6	14.2	21.4



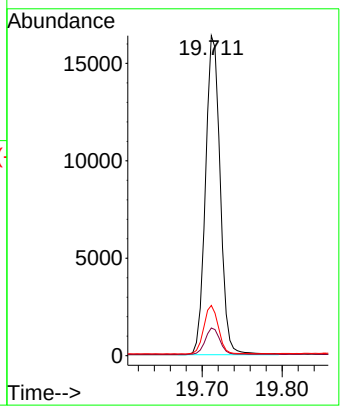


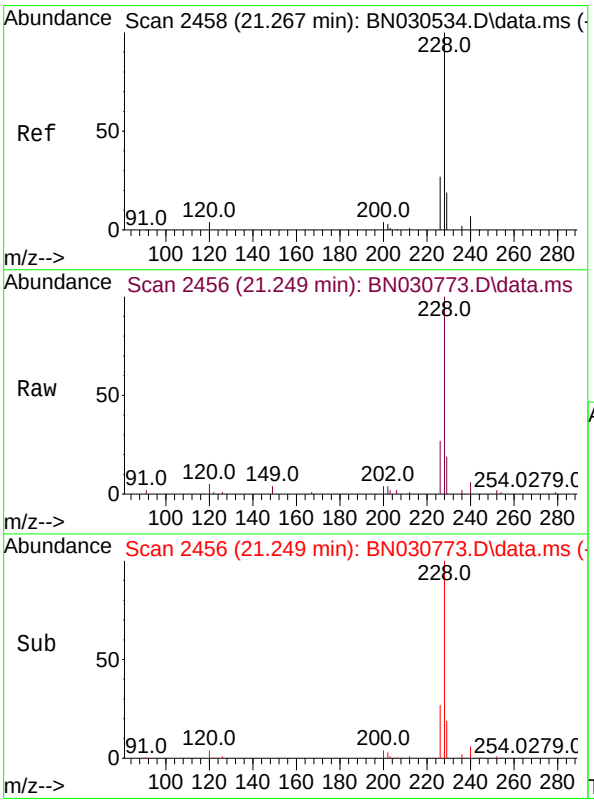
#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.711 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:244 Resp: 20914

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	15.7	12.7	19.1

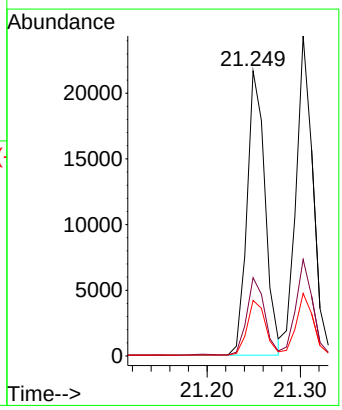


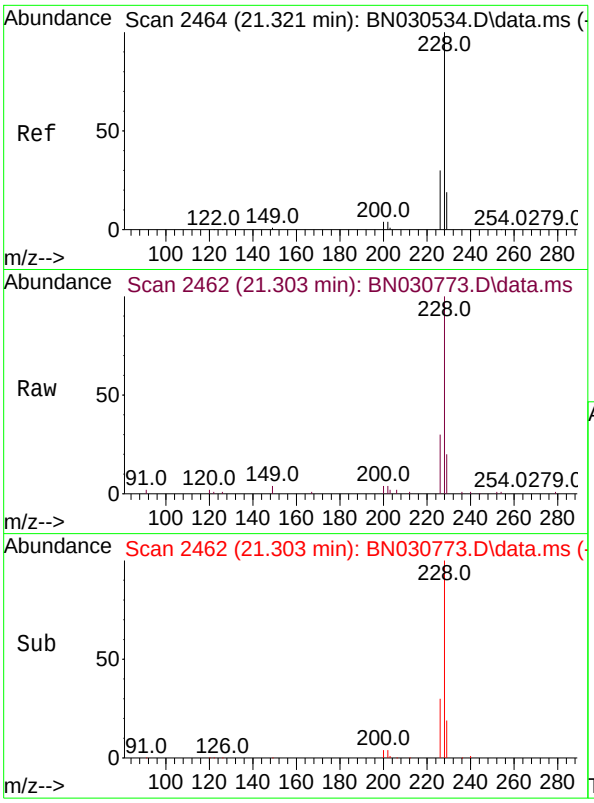


#32
Benzo(a)anthracene
Concen: 0.306 ng
RT: 21.249 min Scan# 2456
Delta R.T. -0.018 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:228 Resp: 29126

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.5	15.4	23.2



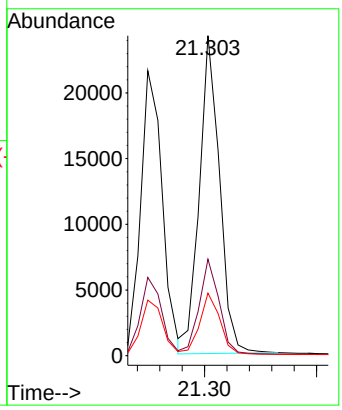


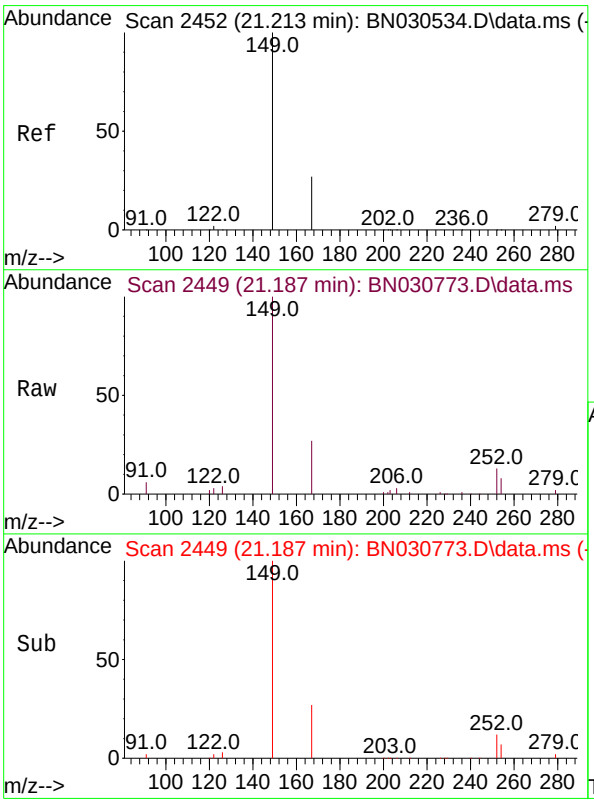
#33
Chrysene
Concen: 0.297 ng
RT: 21.303 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:228 Resp: 30309

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.5	15.8	23.6

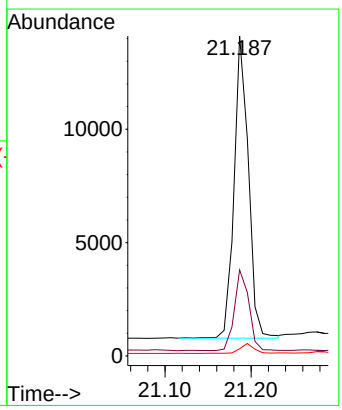


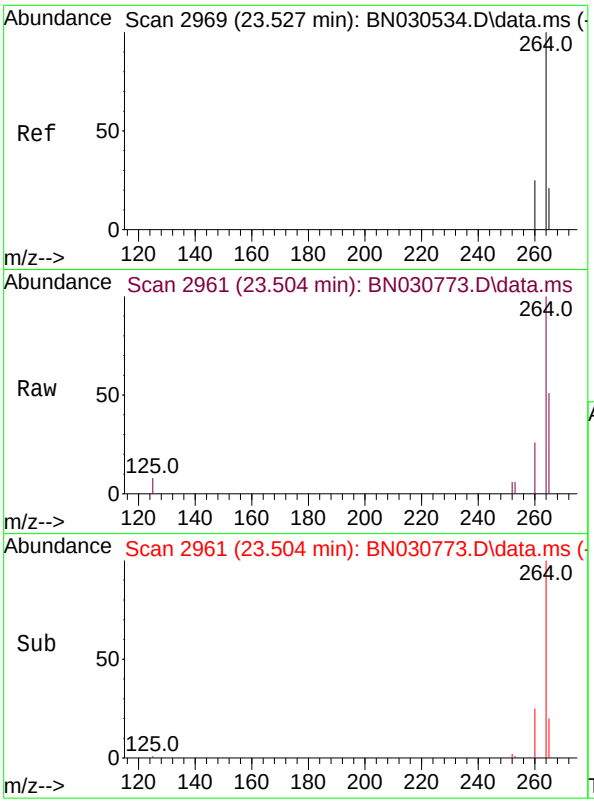


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.373 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:149 Resp: 15429

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	3.3	2.3	3.5



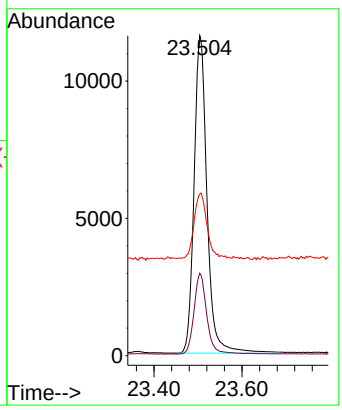


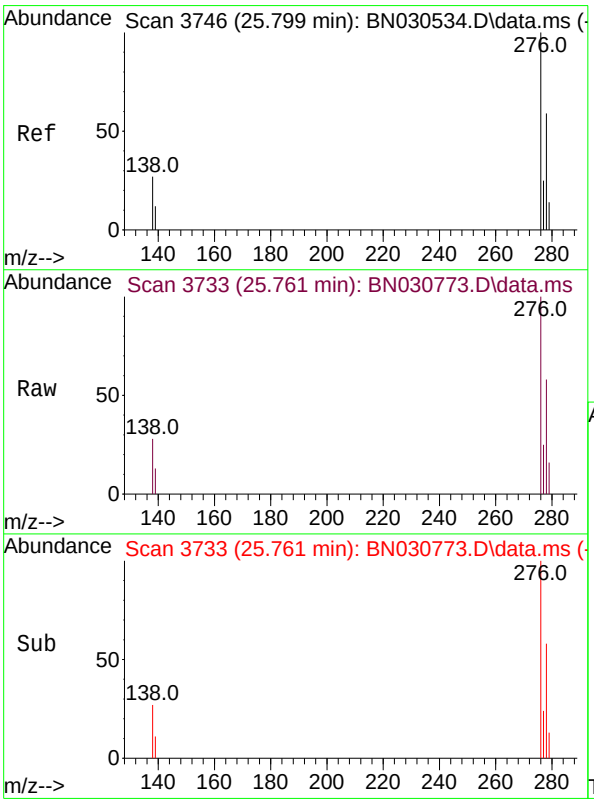
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.504 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:264 Resp: 23786

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	50.6	41.8	62.8

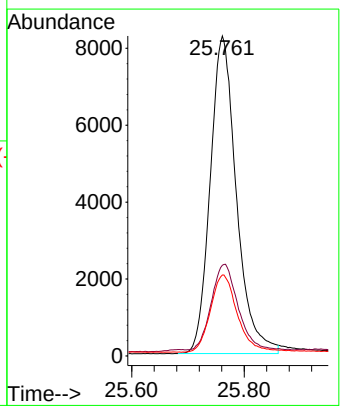


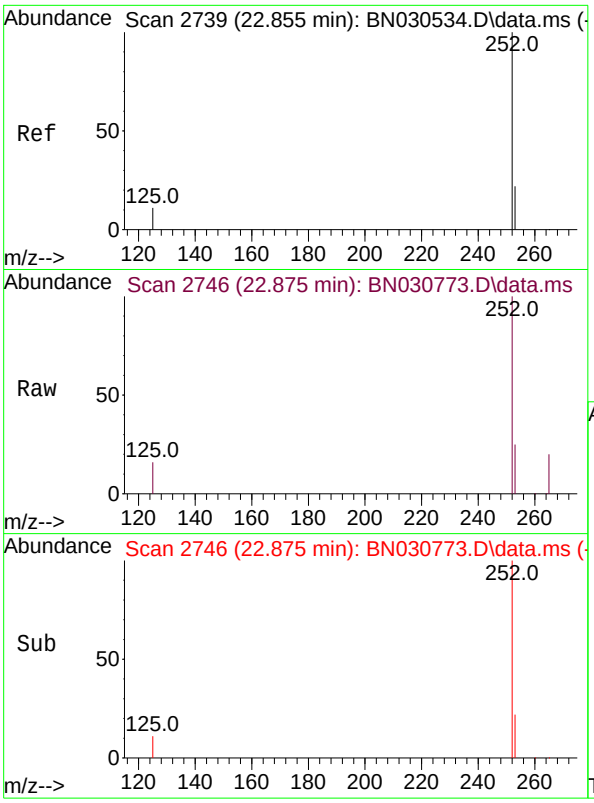


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng
RT: 25.761 min Scan# 3733
Delta R.T. -0.038 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:276 Resp: 26761

Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.0	34.4
277	25.0	20.1	30.1



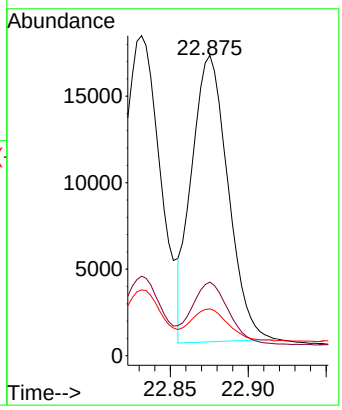


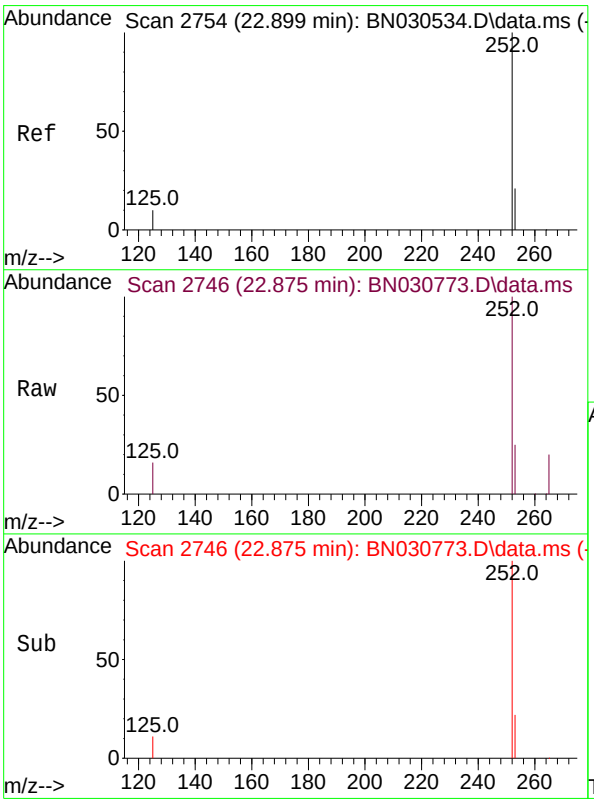
#37
Benzo(b)fluoranthene
Concen: 0.277 ng
RT: 22.875 min Scan# 2
Delta R.T. 0.021 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:252 Resp: 26830

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	15.5	11.7	17.5

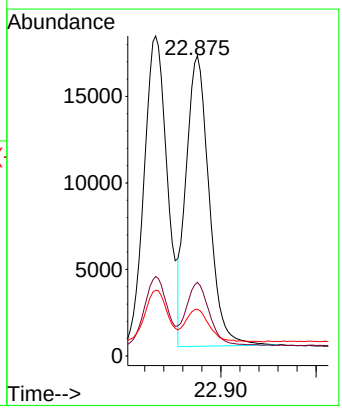


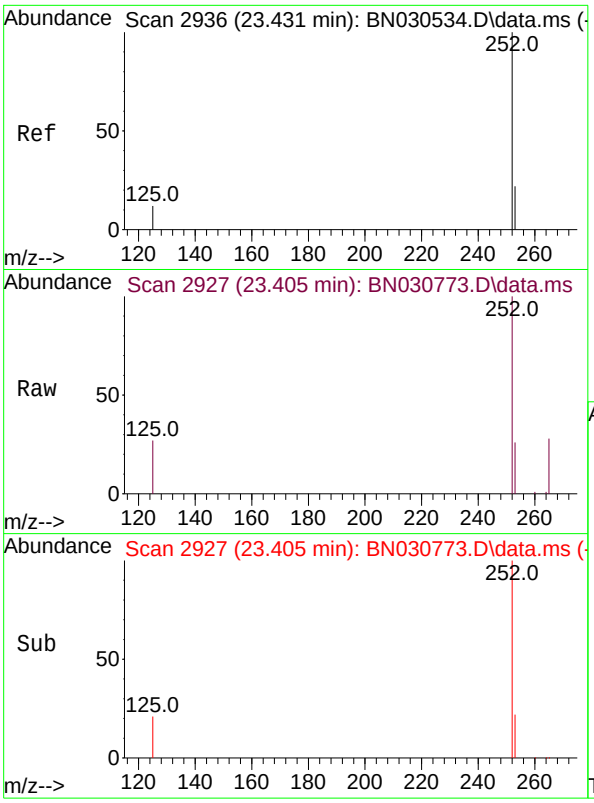


#38
Benzo(k)fluoranthene
Concen: 0.290 ng
RT: 22.875 min Scan# 2746
Delta R.T. -0.023 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:252 Resp: 28162

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	15.5	11.5	17.3



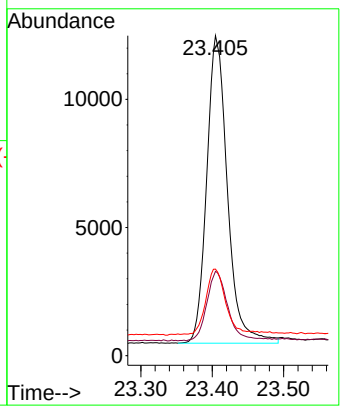


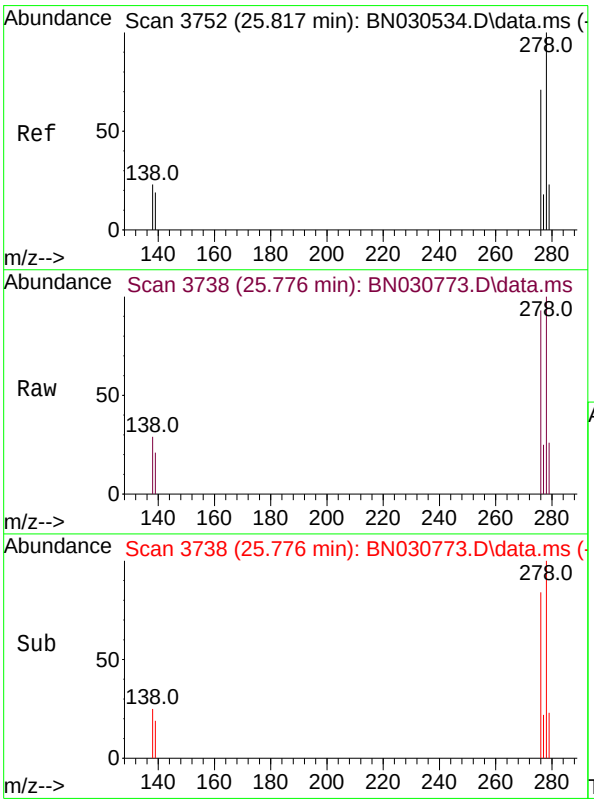
#39
Benzo(a)pyrene
Concen: 0.313 ng
RT: 23.405 min Scan# 2
Delta R.T. -0.026 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:252 Resp: 24245

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.0	30.0
125	27.1	14.3	21.5#

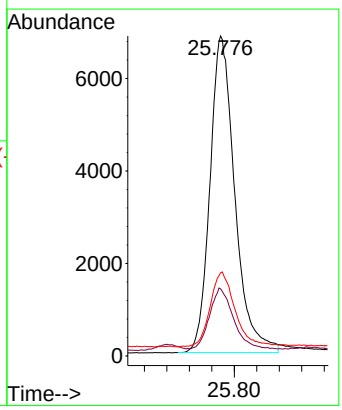


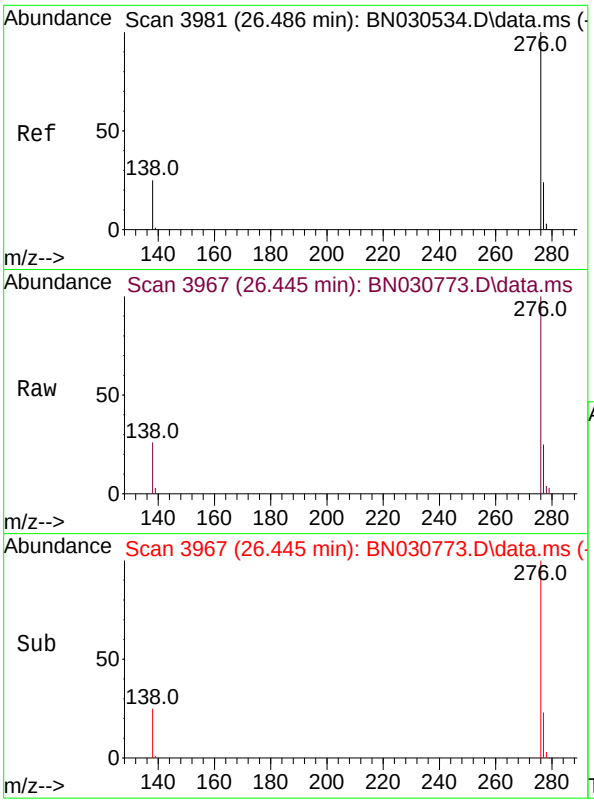


#40
Dibenzo(a,h)anthracene
Concen: 0.252 ng
RT: 25.776 min Scan# 3738
Delta R.T. -0.041 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Tgt Ion:278 Resp: 21045

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.2	24.2
279	26.0	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.250 ng
RT: 26.445 min Scan# 3
Delta R.T. -0.041 min
Lab File: BN030773.D
Acq: 08 Apr 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB160043BS

Tgt Ion:276 Resp: 22444

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.6
138	26.5	20.6	31.0