Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030774.D
Acq On : 08 Apr 2024 18:24
Operator : MA/JU
Sample : PB160031BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Quant Time: Apr 08 18:49:49 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

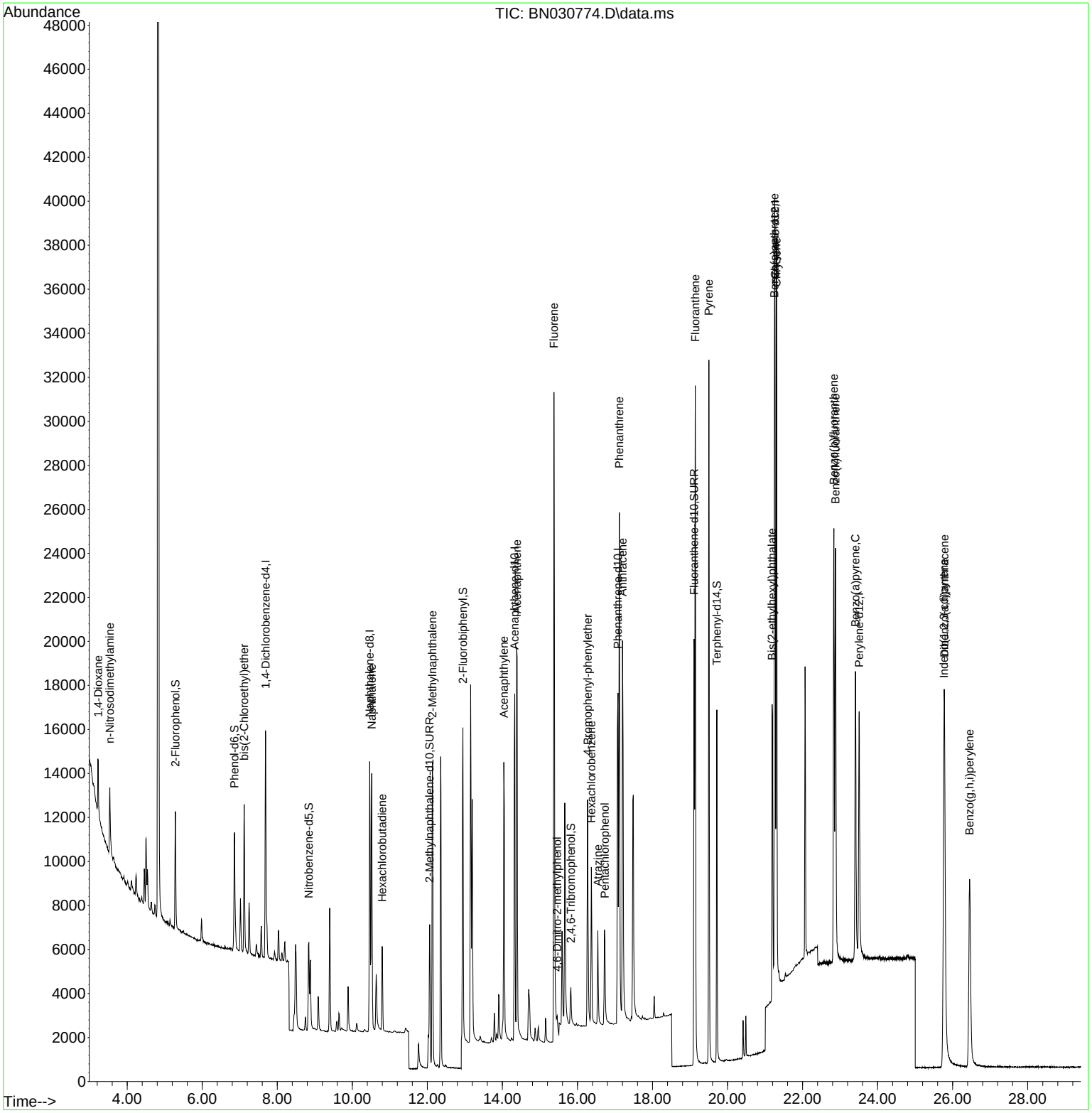
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	5459	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	16470	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9878	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	24708	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	20170	0.400	ng	-0.02
35) Perylene-d12	23.507	264	16116	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4668	0.393	ng	-0.01
5) Phenol-d6	6.859	99	5530	0.362	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3687	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.058	152	9207	0.365	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1136	0.304	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	12323	0.323	ng	-0.02
27) Fluoranthene-d10	19.107	212	22456	0.337	ng	-0.02
31) Terphenyl-d14	19.716	244	16428	0.353	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1693	0.257	ng	# 26
3) n-Nitrosodimethylamine	3.537	42	1996	0.313	ng	# 92
6) bis(2-Chloroethyl)ether	7.119	93	5095	0.338	ng	98
9) Naphthalene	10.517	128	15555	0.341	ng	99
10) Hexachlorobutadiene	10.795	225	3027	0.325	ng	# 99
12) 2-Methylnaphthalene	12.134	142	10513	0.351	ng	99
16) Acenaphthylene	14.038	152	15288	0.342	ng	100
17) Acenaphthene	14.391	154	10204	0.329	ng	98
18) Fluorene	15.375	166	14109	0.350	ng	100
20) 4,6-Dinitro-2-methylph...	15.460	198	579	0.324	ng	# 64
21) 4-Bromophenyl-phenylether	16.271	248	4656	0.312	ng	# 85
22) Hexachlorobenzene	16.370	284	5719	0.321	ng	98
23) Atrazine	16.544	200	3335	0.307	ng	97
24) Pentachlorophenol	16.730	266	2499	0.511	ng	97
25) Phenanthrene	17.115	178	24967	0.341	ng	100
26) Anthracene	17.202	178	19886	0.324	ng	100
28) Fluoranthene	19.140	202	28666	0.329	ng	100
30) Pyrene	19.502	202	29113	0.369	ng	100
32) Benzo(a)anthracene	21.249	228	26704	0.374	ng	99
33) Chrysene	21.303	228	28426	0.371	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	10928	0.353	ng	99
36) Indeno(1,2,3-cd)pyrene	25.767	276	23411	0.328	ng	100
37) Benzo(b)fluoranthene	22.834	252	25868	0.395	ng	98
38) Benzo(k)fluoranthene	22.875	252	25689	0.390	ng	97
39) Benzo(a)pyrene	23.407	252	20410	0.389	ng	97
40) Dibenzo(a,h)anthracene	25.781	278	18044	0.319	ng	98
41) Benzo(g,h,i)perylene	26.451	276	19627	0.323	ng	99

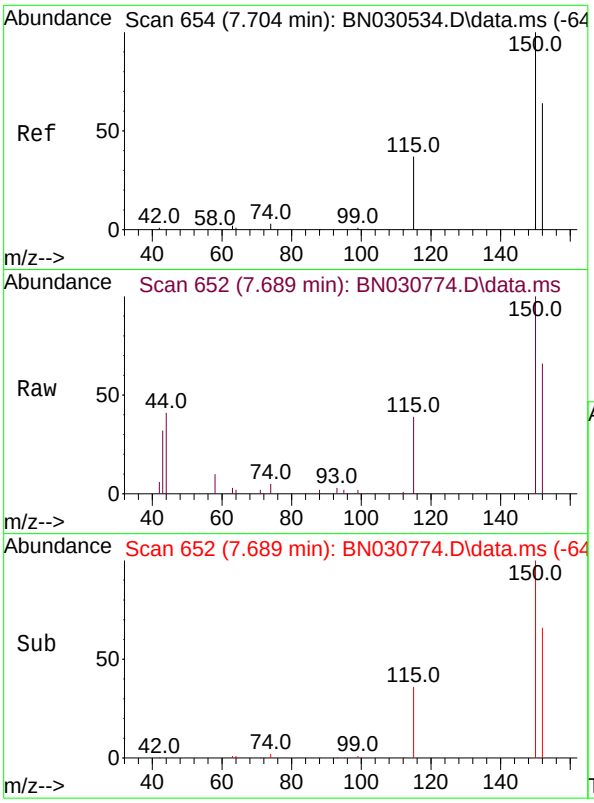
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030774.D
Acq On : 08 Apr 2024 18:24
Operator : MA/JU
Sample : PB160031BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Quant Time: Apr 08 18:49:49 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



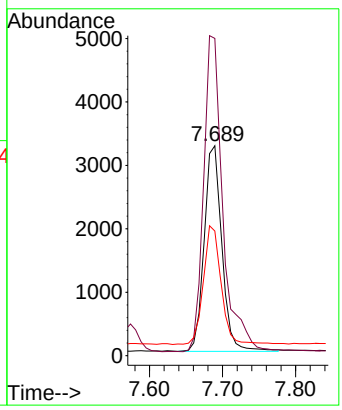


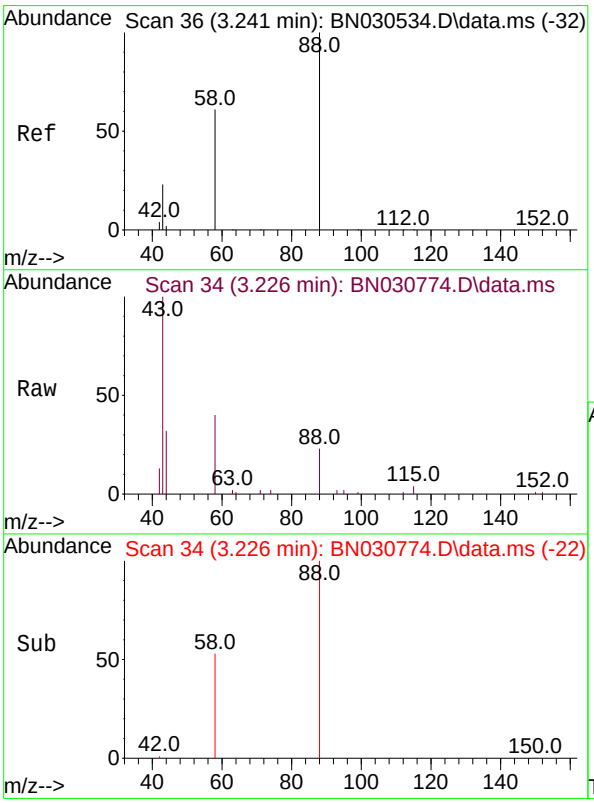
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:152 Resp: 5459

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.2	186.4
115	59.4	48.6	72.8

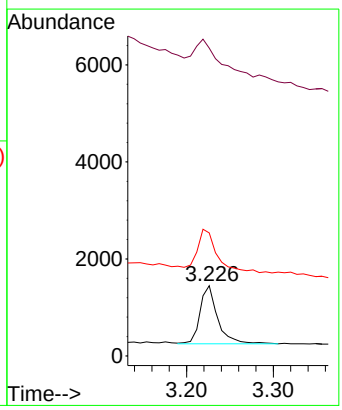


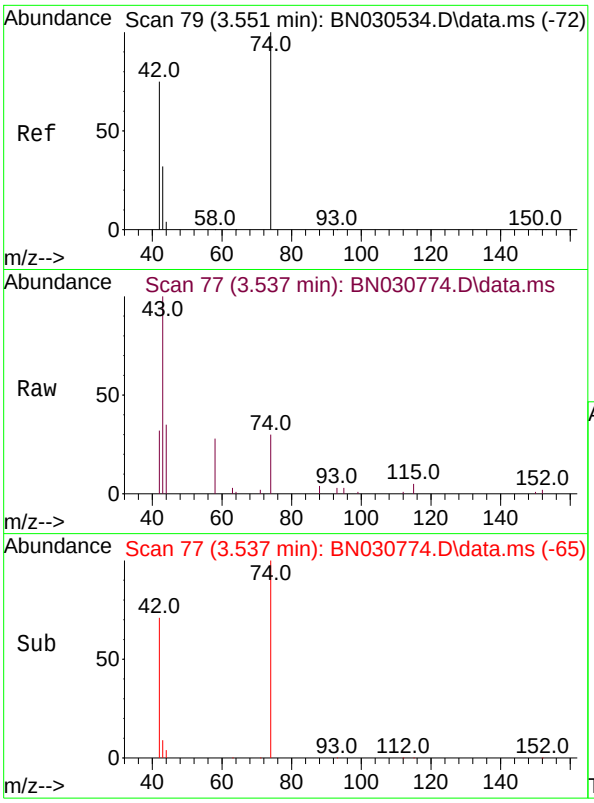


#2
1,4-Dioxane
Concen: 0.257 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion: 88 Resp: 1693

Ion	Ratio	Lower	Upper
88	100		
43	129.2	21.9	32.9#
58	86.5	53.4	80.2#



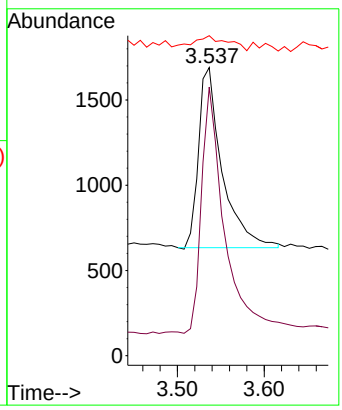


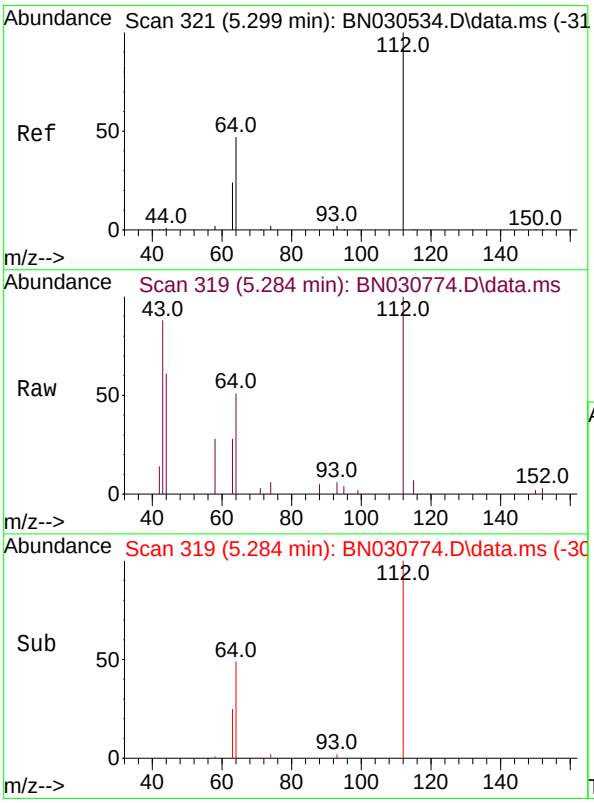
#3
n-Nitrosodimethylamine
Concen: 0.313 ng
RT: 3.537 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion: 42 Resp: 1996

Ion	Ratio	Lower	Upper
42	100		
74	134.5	100.9	151.3
44	11.9	5.8	8.6#

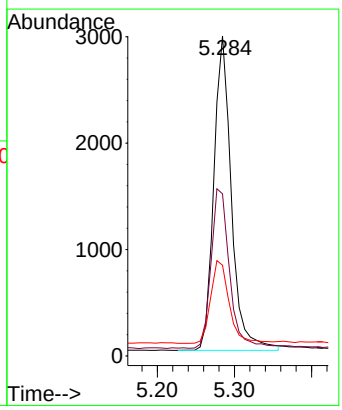


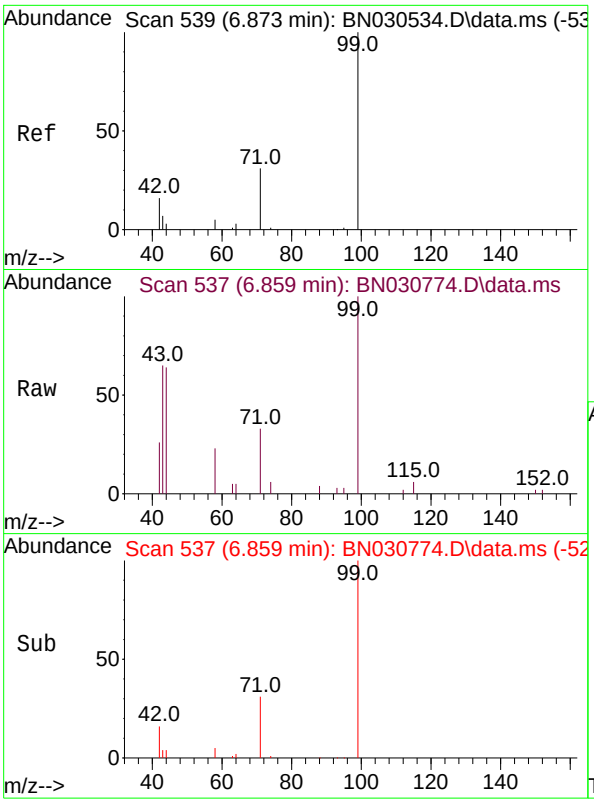


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:112 Resp: 4668

Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.2	64.8
63	27.7	22.5	33.7



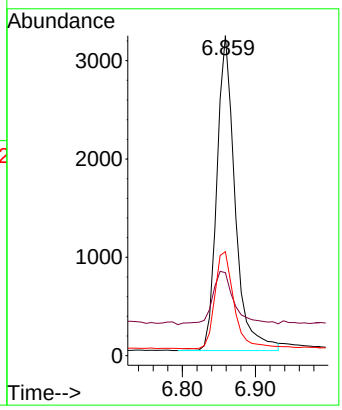


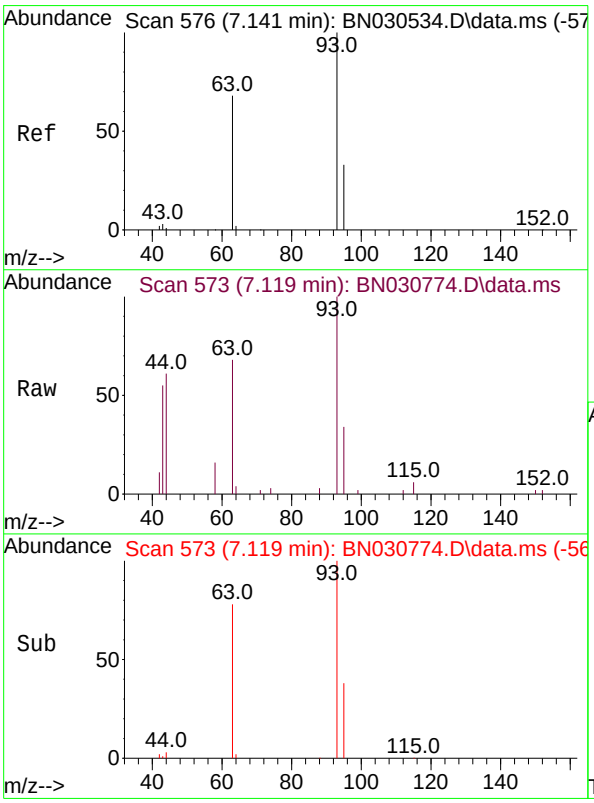
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.859 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion: 99 Resp: 5530

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	32.6	25.9	38.9

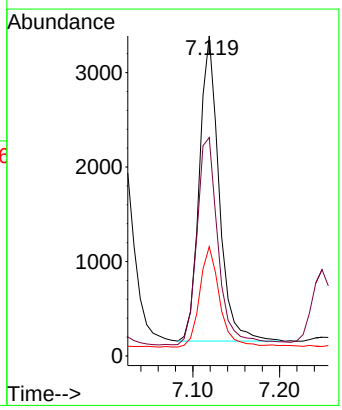


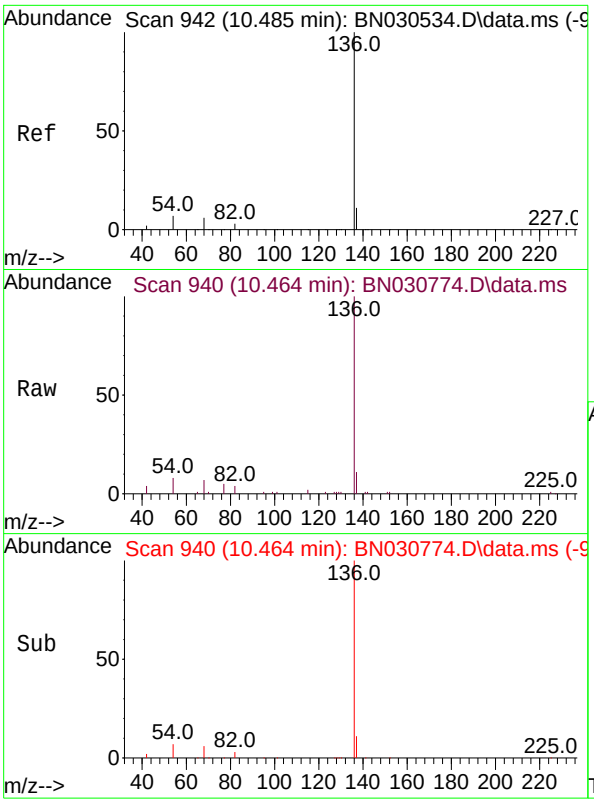


#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion: 93 Resp: 5095

Ion	Ratio	Lower	Upper
93	100		
63	74.0	60.5	90.7
95	33.7	27.5	41.3



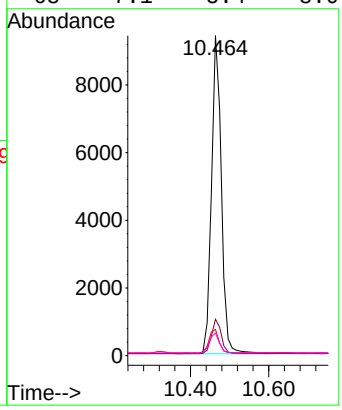


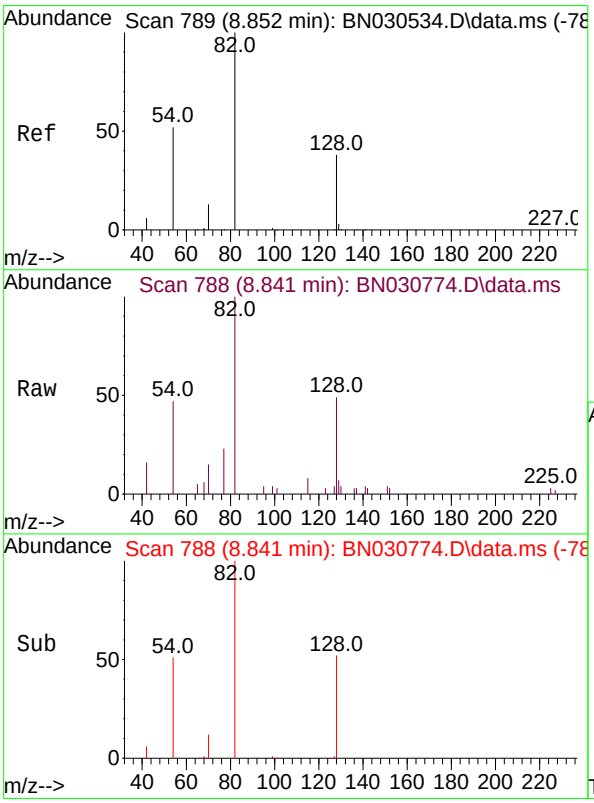
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:136 Resp: 16470

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	6.4	9.6
68	7.1	5.4	8.0

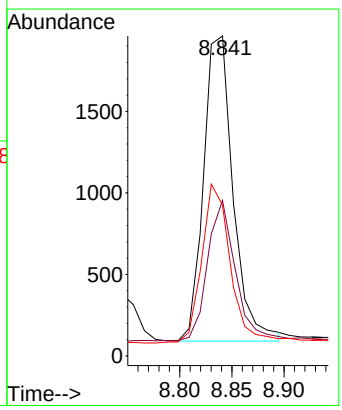


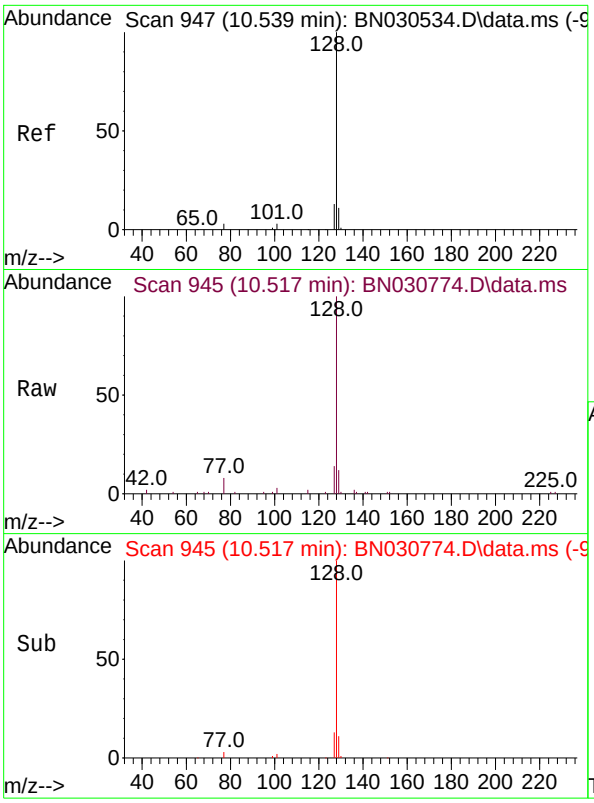


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion: 82 Resp: 3687

Ion	Ratio	Lower	Upper
82	100		
128	48.6	32.3	48.5#
54	47.2	42.7	64.1



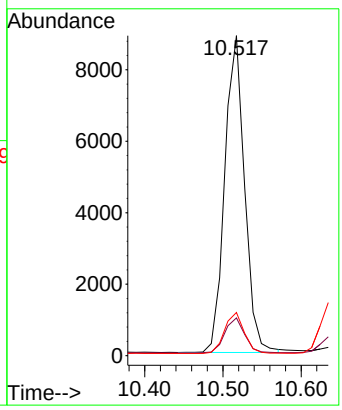


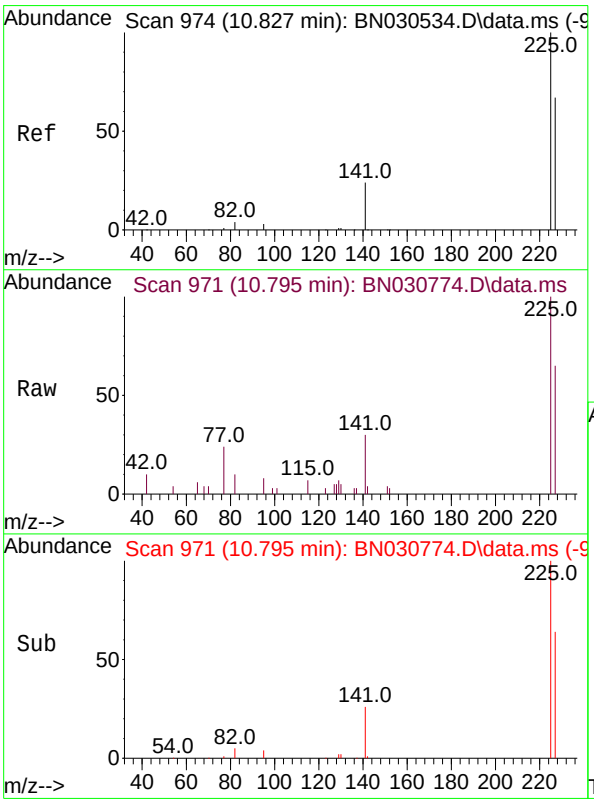
#9
Naphthalene
Concen: 0.341 ng
RT: 10.517 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:128 Resp: 15555

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	13.5	10.5	15.7

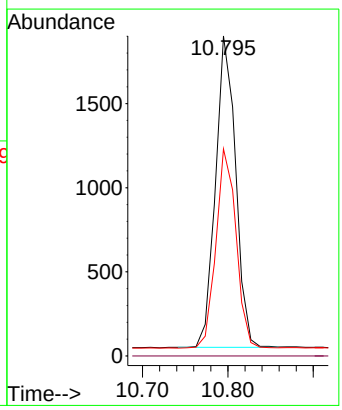


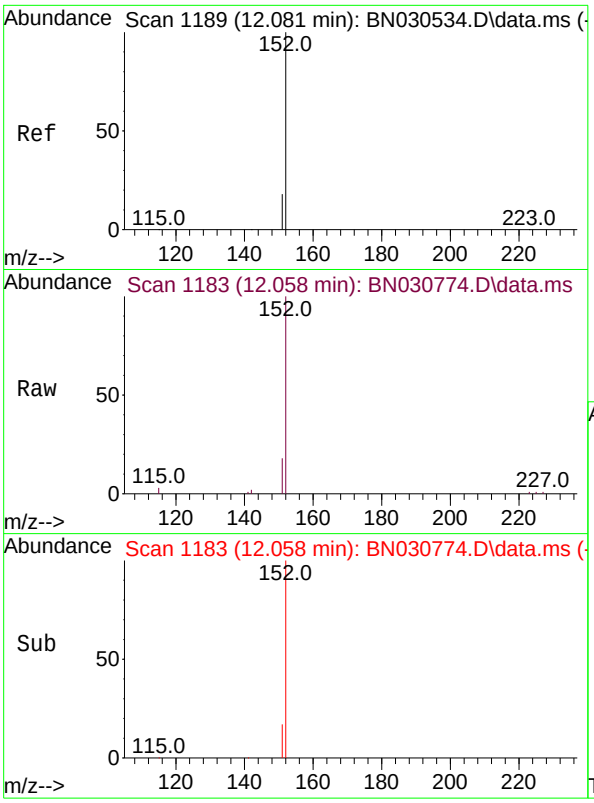


#10
Hexachlorobutadiene
Concen: 0.325 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:225 Resp: 3027

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



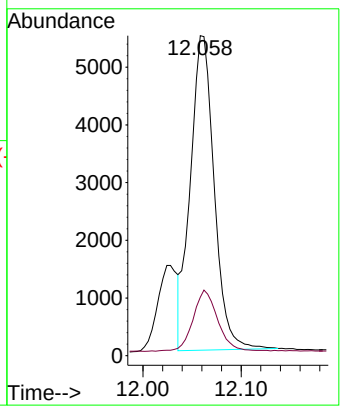


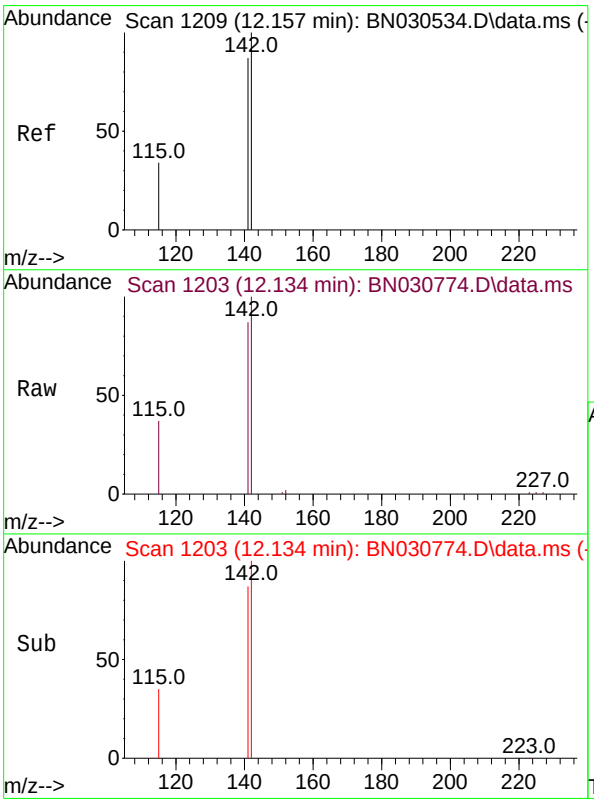
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.058 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:152 Resp: 9207

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

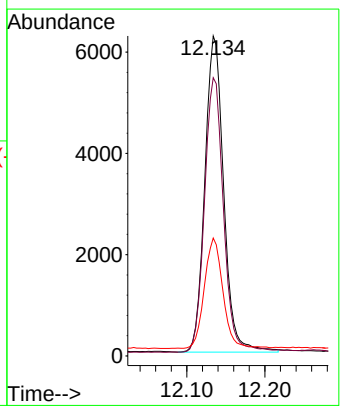


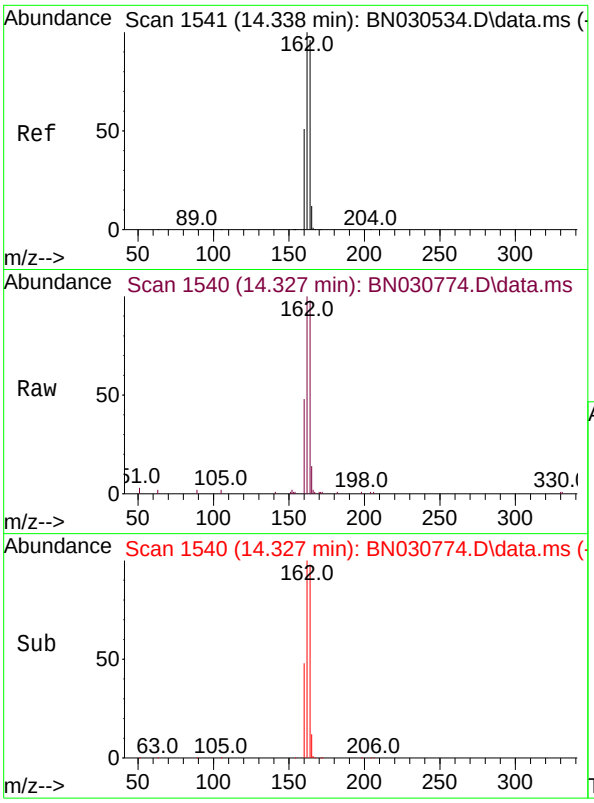


#12
2-Methylnaphthalene
Concen: 0.351 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:142 Resp: 10513

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.8
115	36.9	28.3	42.5



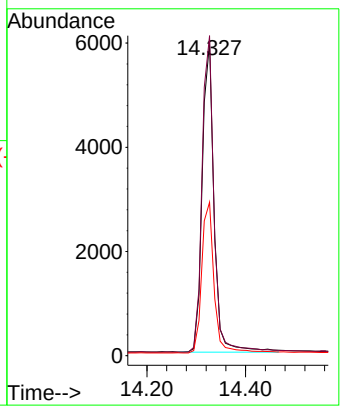


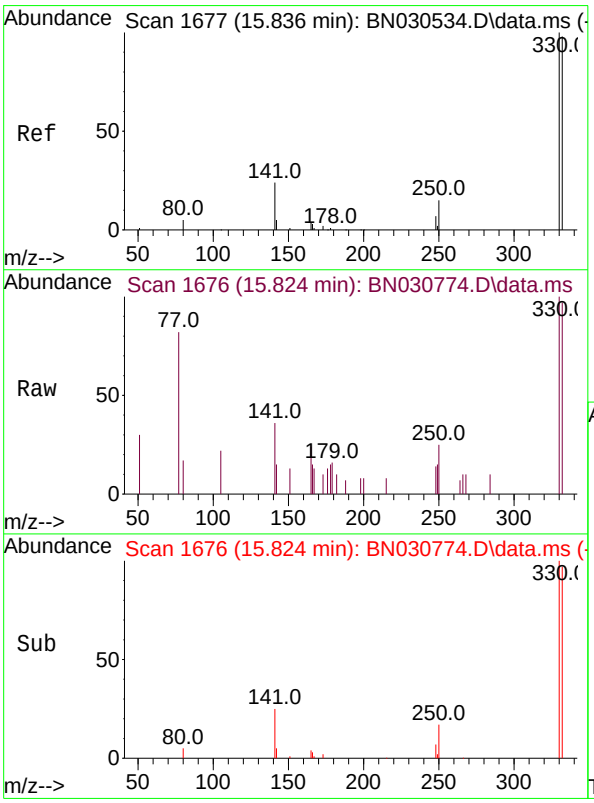
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:164 Resp: 9878

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.5	125.3
160	49.0	42.5	63.7

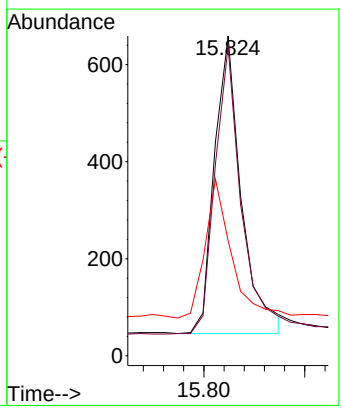


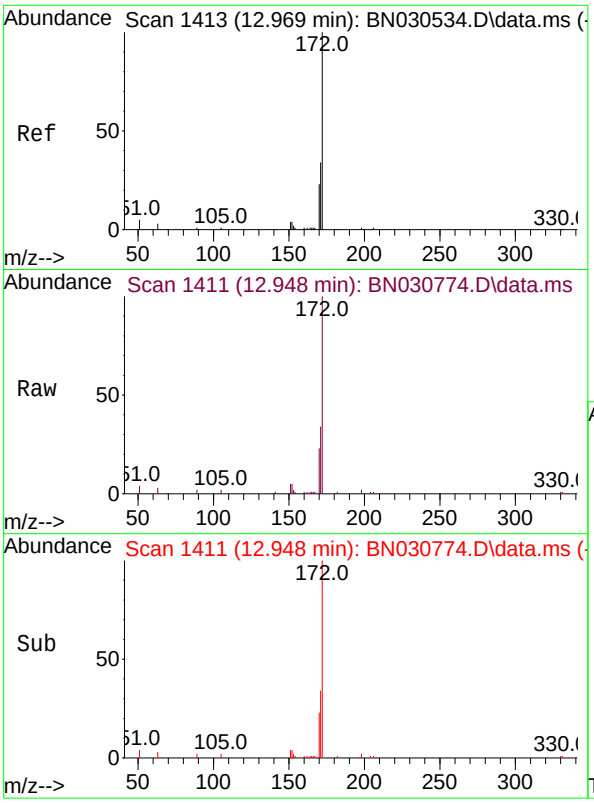


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:330 Resp: 1136

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	45.4	35.9	53.9



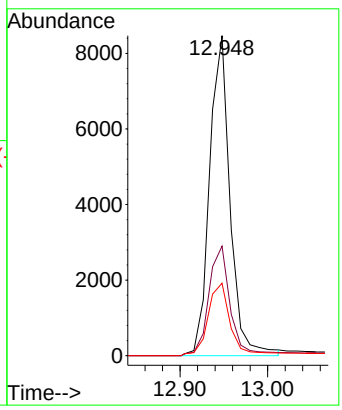


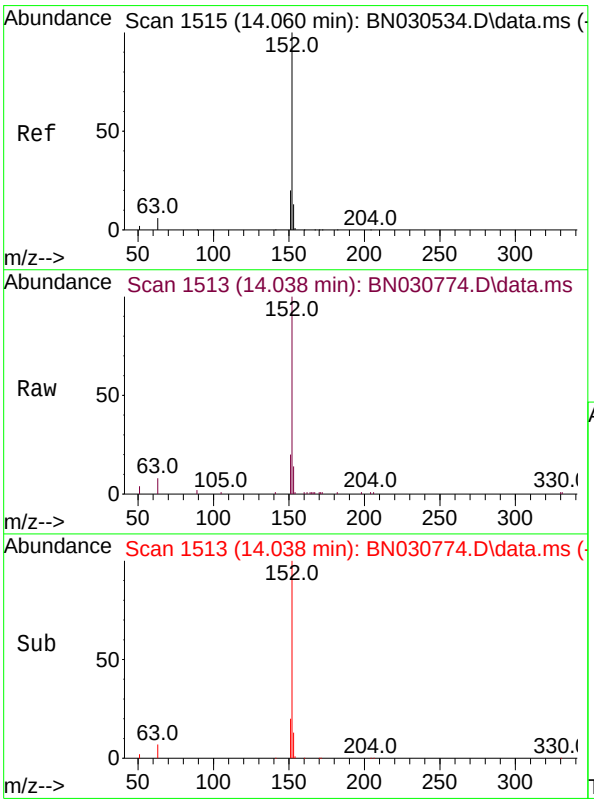
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.948 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:172 Resp: 12323

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.1	40.7
170	22.7	18.3	27.5

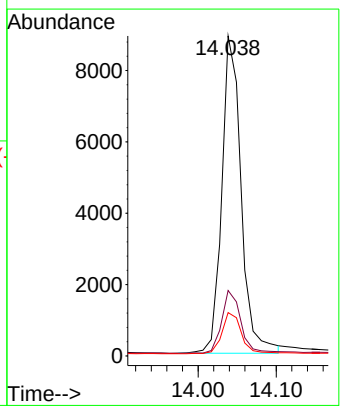


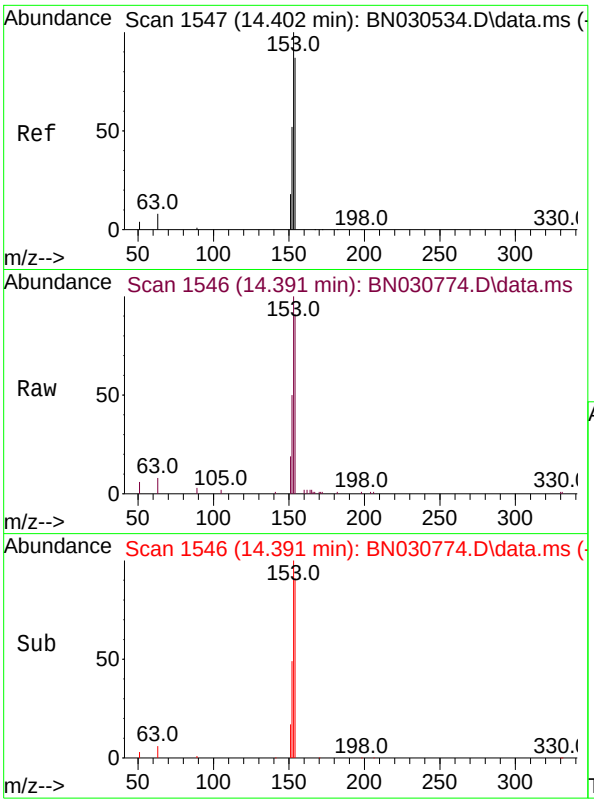


#16
Acenaphthylene
Concen: 0.342 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:152 Resp: 15288

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.3	15.5





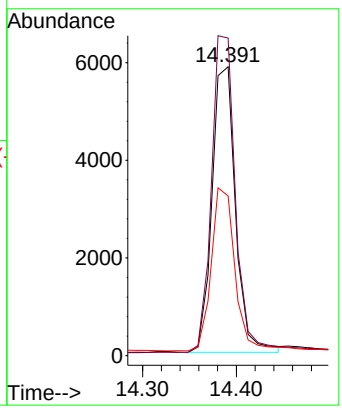
#17
Acenaphthene
Concen: 0.329 ng
RT: 14.391 min Scan# 1

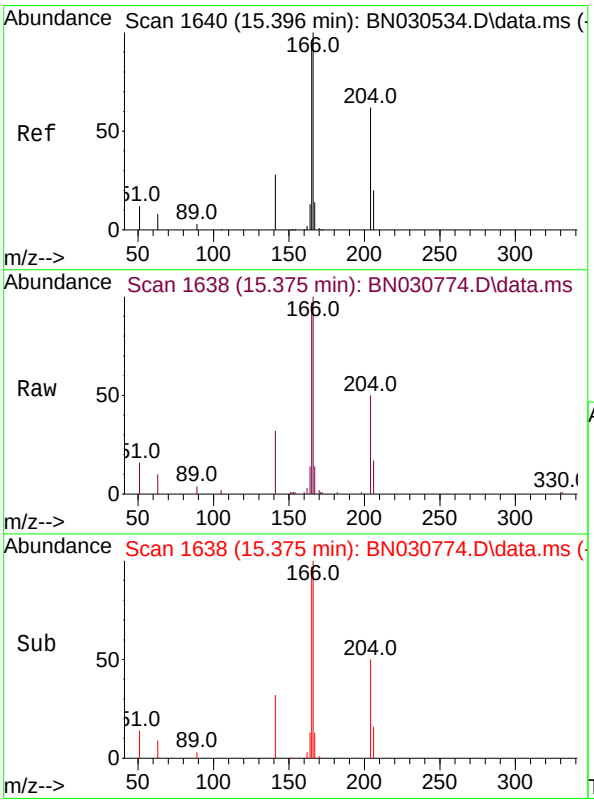
Instrument :
BNA_N
ClientSampleId :
PB160031BS

Delta R.T. -0.011 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:154 Resp: 10204

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.0	136.6
152	57.1	47.8	71.6

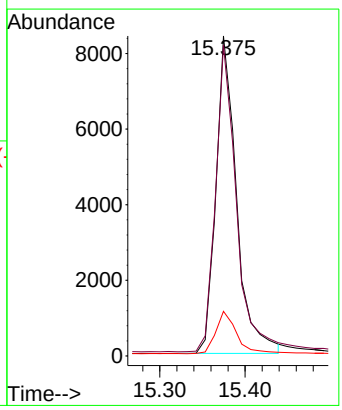


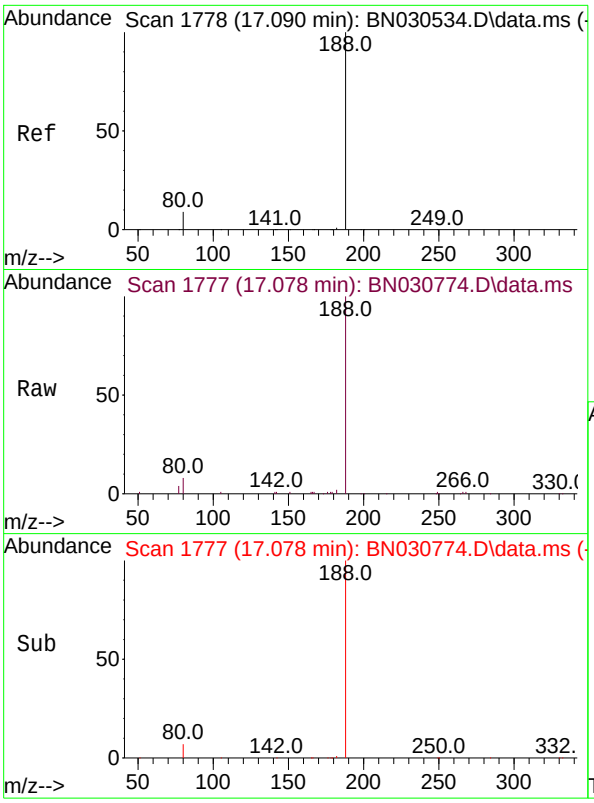


#18
Fluorene
Concen: 0.350 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:166 Resp: 14109

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.5	10.8	16.2



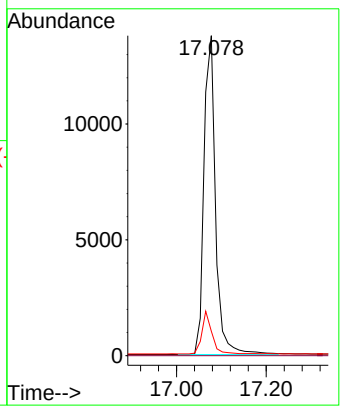


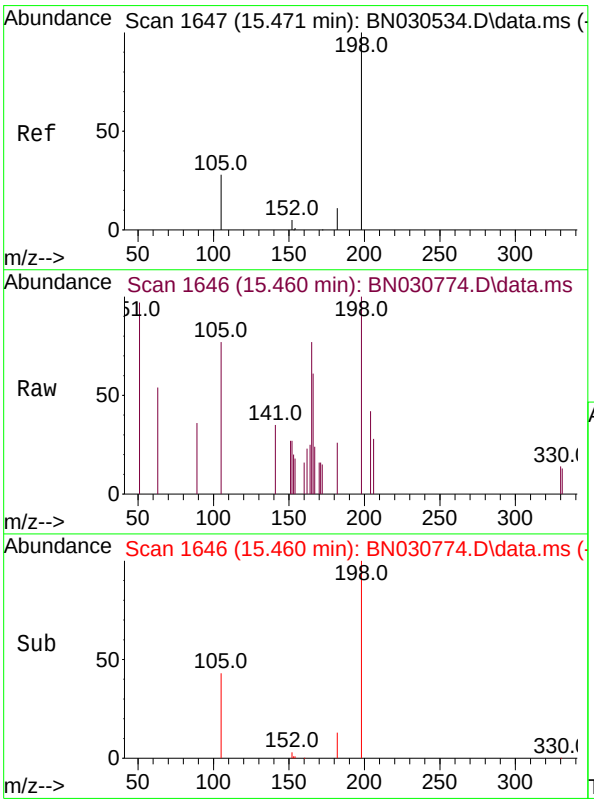
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:188 Resp: 24708

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

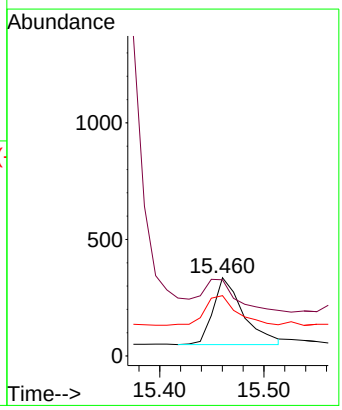


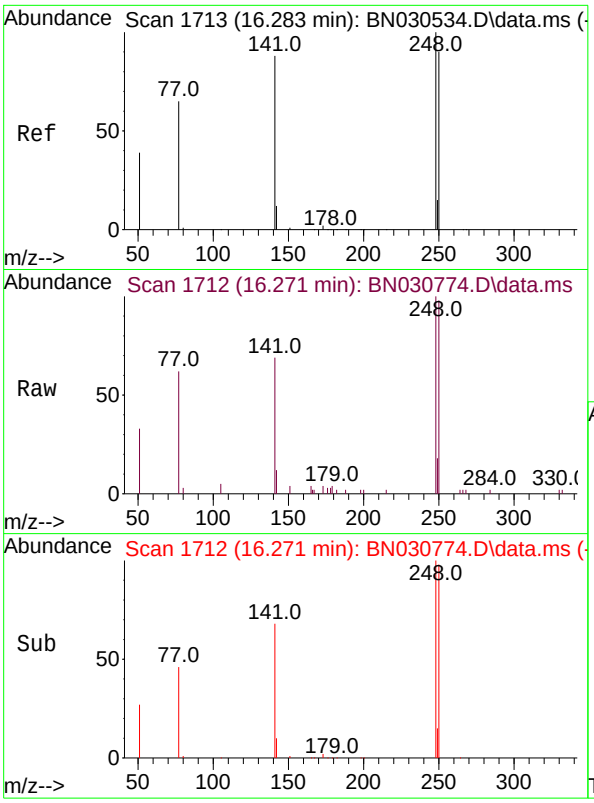


#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:198 Resp: 579

Ion	Ratio	Lower	Upper
198	100		
51	97.3	57.8	86.6#
105	77.1	37.5	56.3#



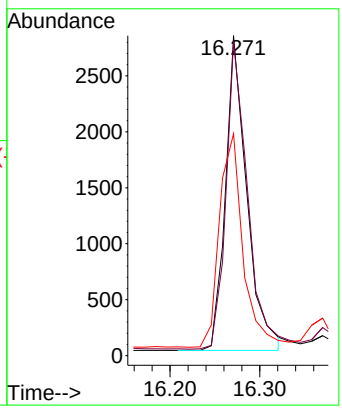


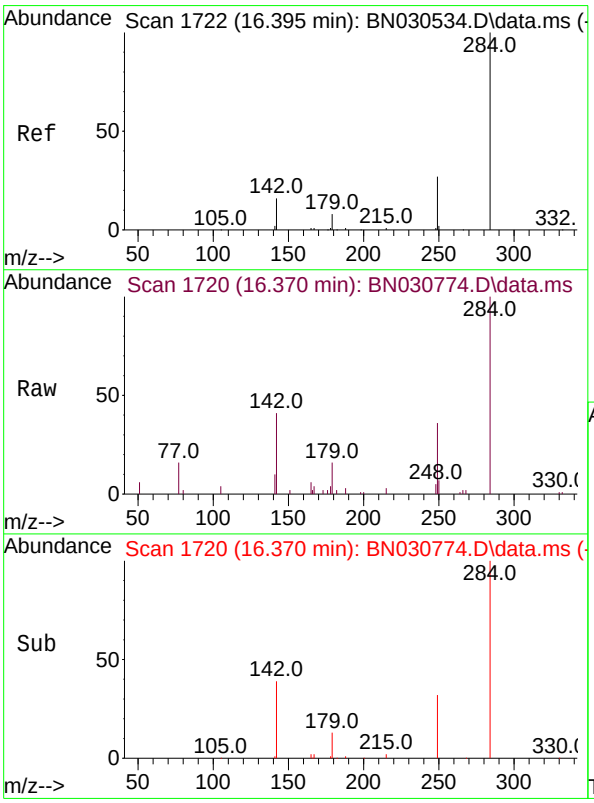
#21
4-Bromophenyl-phenylether
Concen: 0.312 ng
RT: 16.271 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:248 Resp: 4656

Ion	Ratio	Lower	Upper
248	100		
250	98.3	72.2	108.2
141	69.4	71.1	106.7#

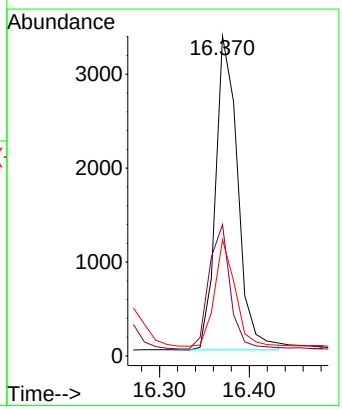


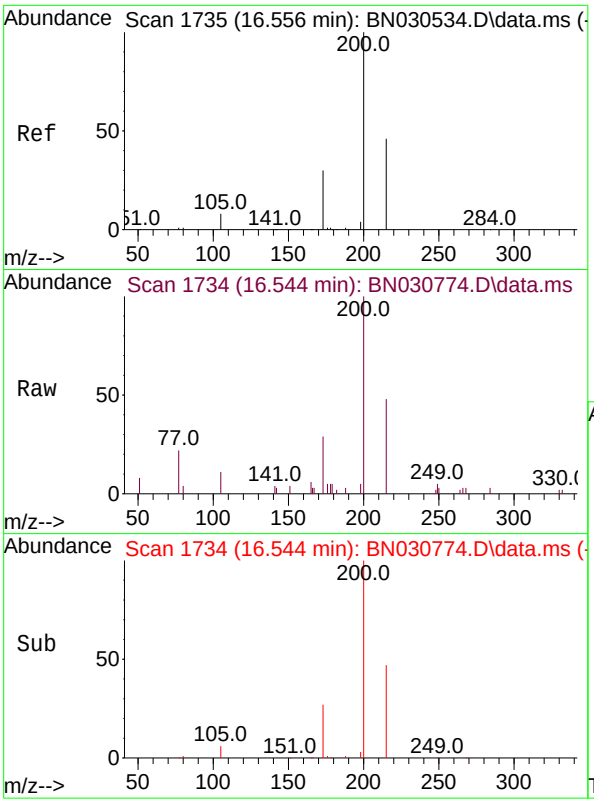


#22
Hexachlorobenzene
Concen: 0.321 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:284 Resp: 5719

Ion	Ratio	Lower	Upper
284	100		
142	38.2	31.8	47.6
249	31.4	25.8	38.6



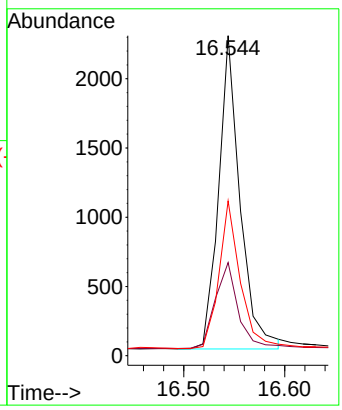


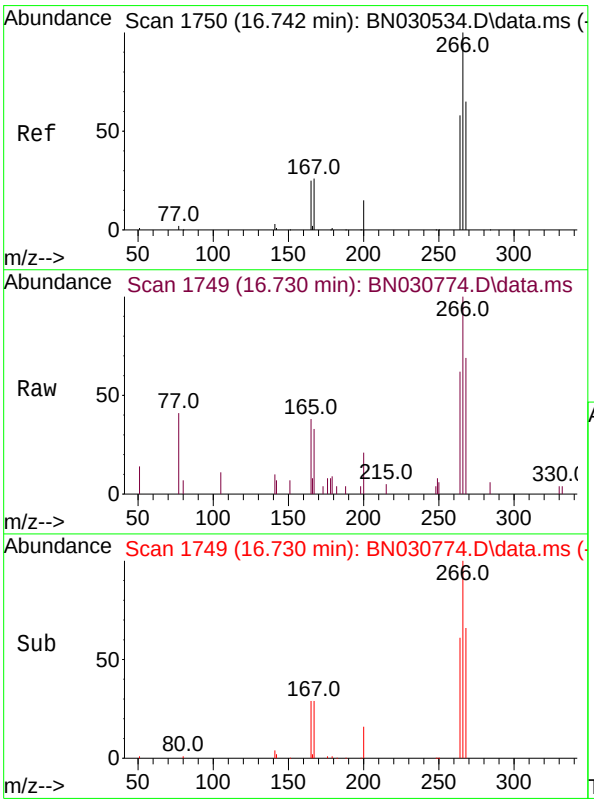
#23
Atrazine
Concen: 0.307 ng
RT: 16.544 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:200 Resp: 3335

Ion	Ratio	Lower	Upper
200	100		
173	29.1	25.0	37.6
215	48.3	37.4	56.2

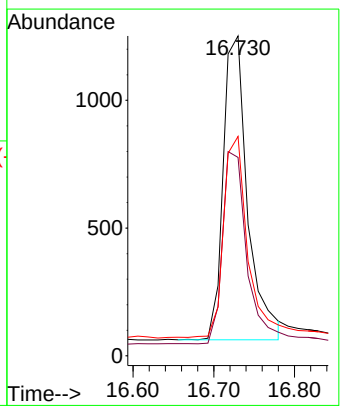


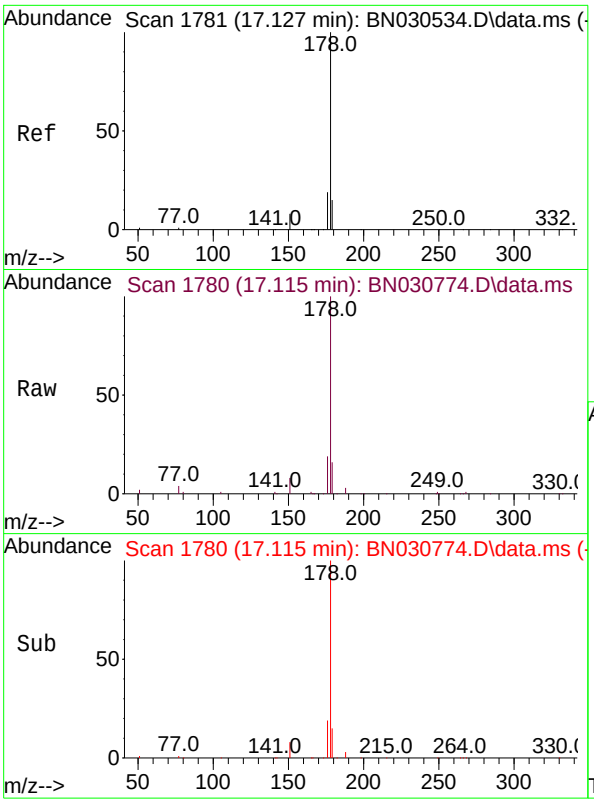


#24
Pentachlorophenol
Concen: 0.511 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:266 Resp: 2499

Ion	Ratio	Lower	Upper
266	100		
264	63.1	48.7	73.1
268	64.7	49.5	74.3



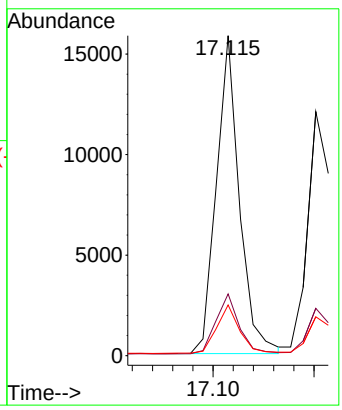


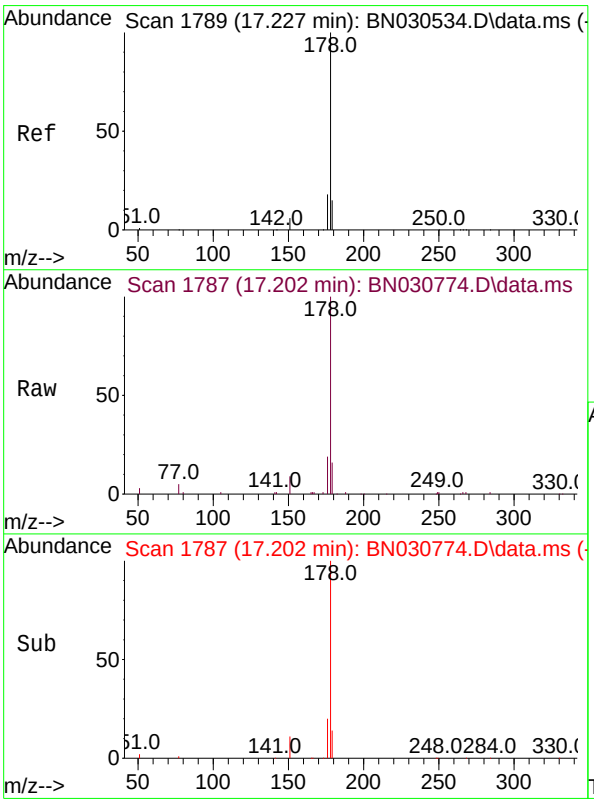
#25
Phenanthrene
Concen: 0.341 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:178 Resp: 24967

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

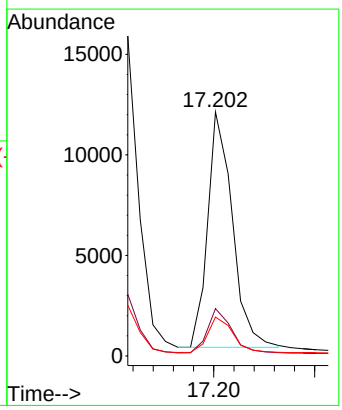


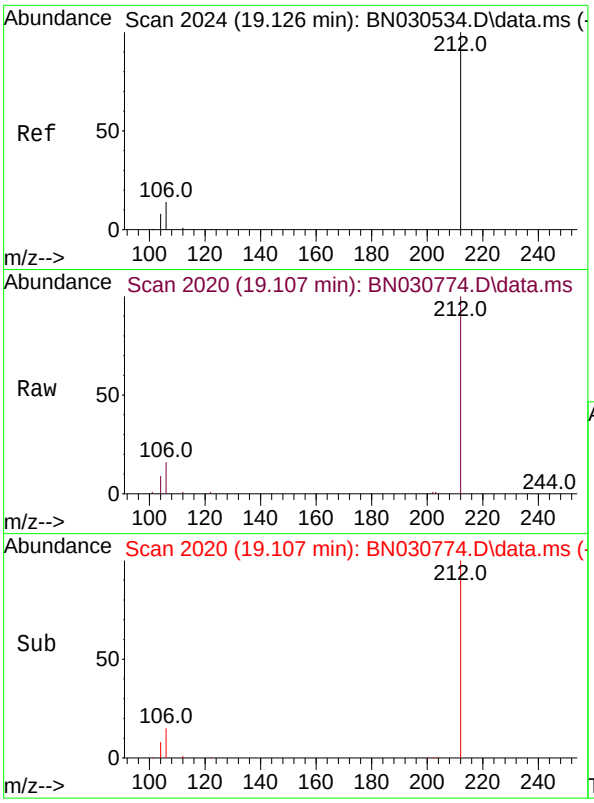


#26
Anthracene
Concen: 0.324 ng
RT: 17.202 min Scan# 1787
Delta R.T. -0.025 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:178 Resp: 19886

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.2	18.4



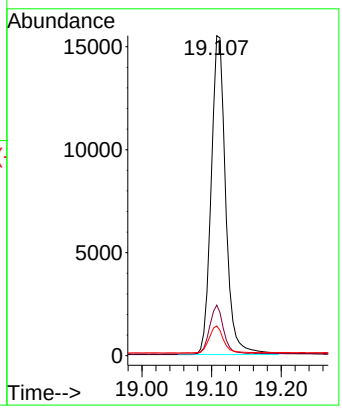


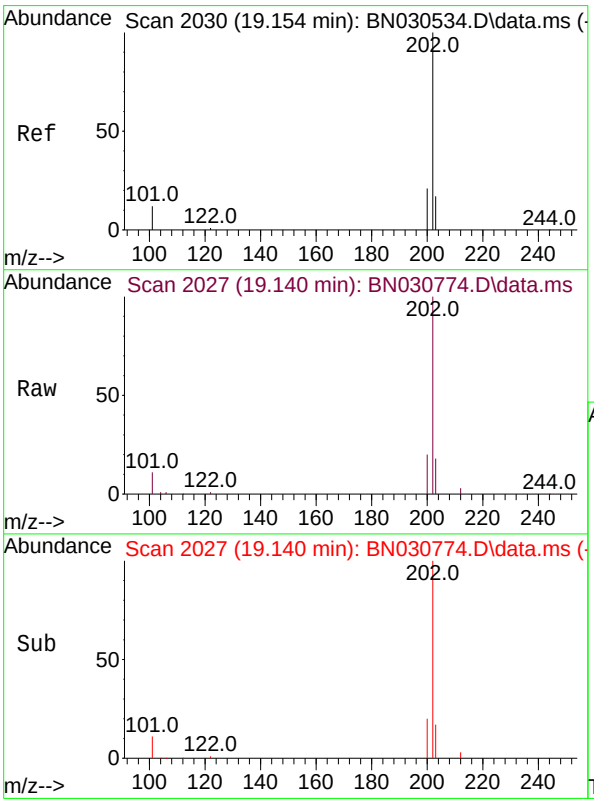
#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.107 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:212 Resp: 22456

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.8	17.6
104	8.2	6.6	9.8

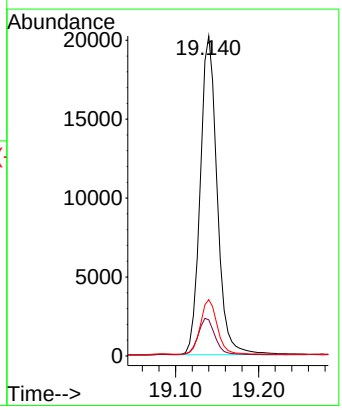


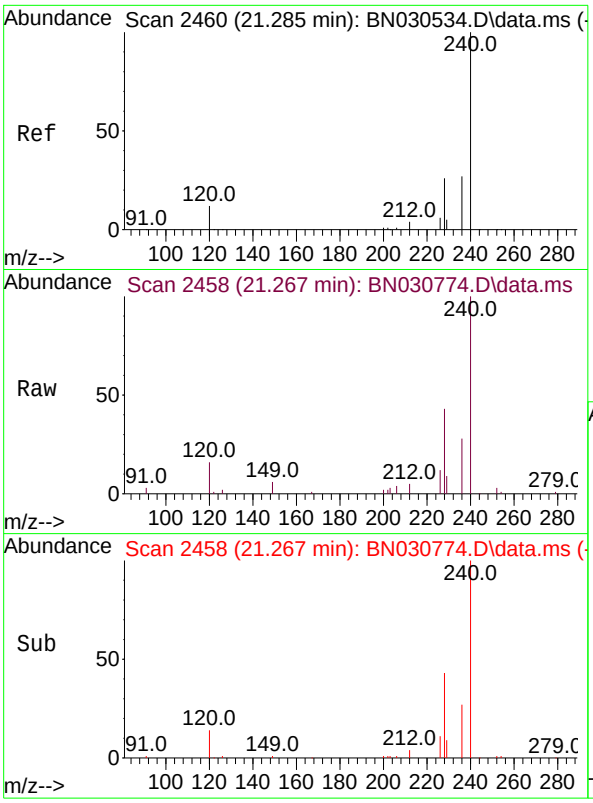


#28
Fluoranthene
Concen: 0.329 ng
RT: 19.140 min Scan# 2027
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:202 Resp: 28666

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.0
203	17.1	13.7	20.5



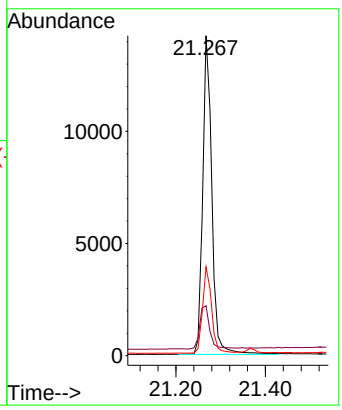


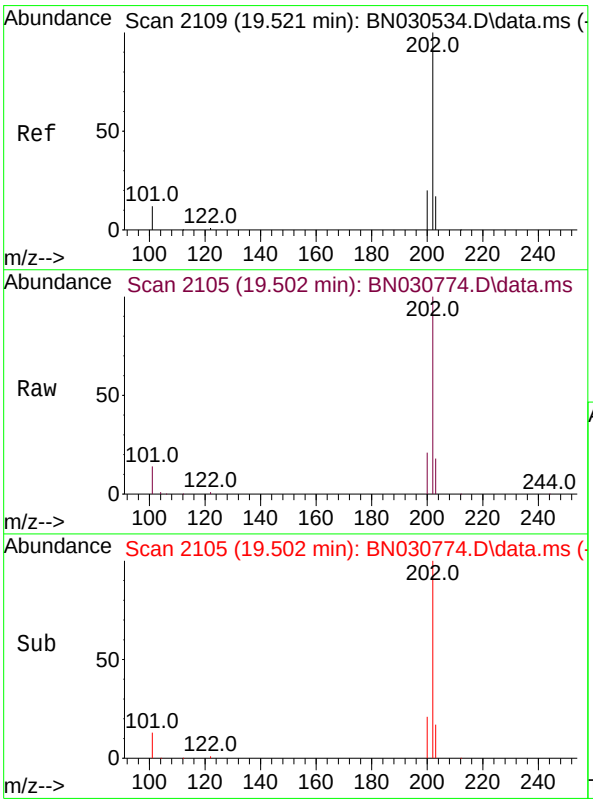
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:240 Resp: 20170

Ion	Ratio	Lower	Upper
240	100		
120	15.6	10.6	15.8
236	27.8	22.1	33.1

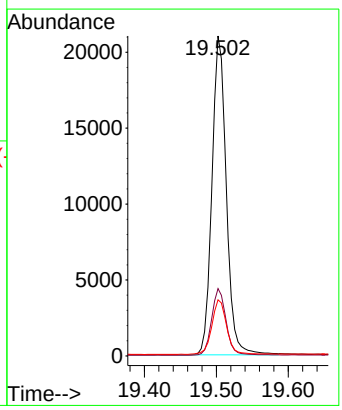


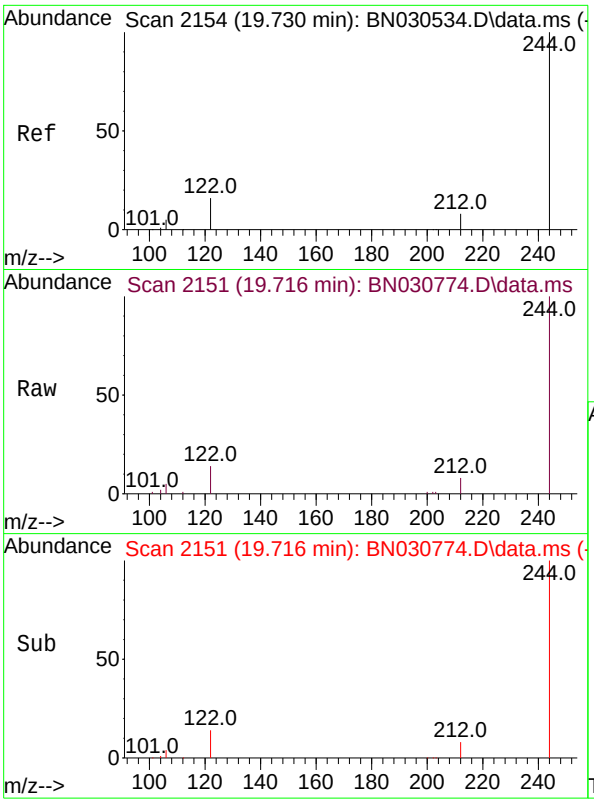


#30
Pyrene
Concen: 0.369 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:202 Resp: 29113

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	14.2	21.4



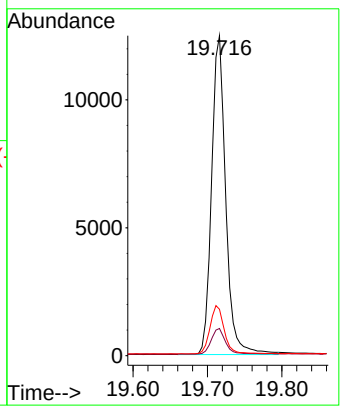


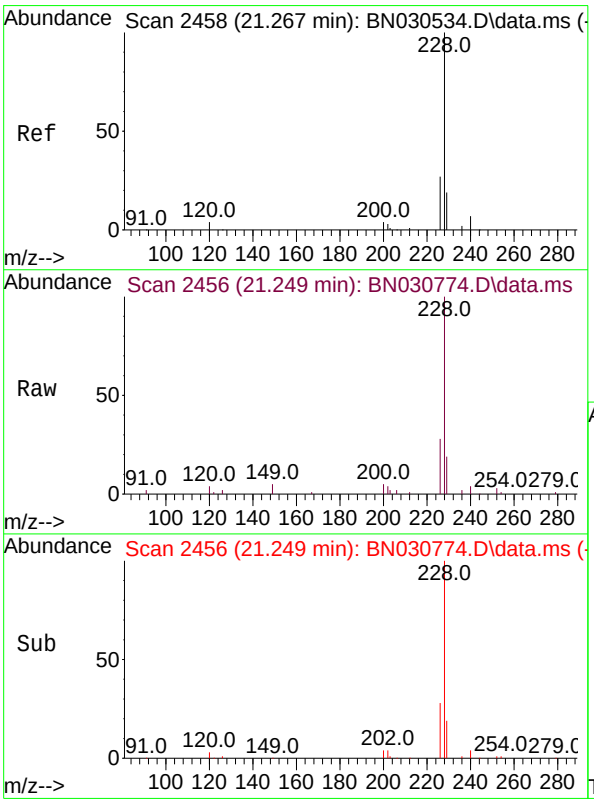
#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.716 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:244 Resp: 16428

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	14.5	12.7	19.1

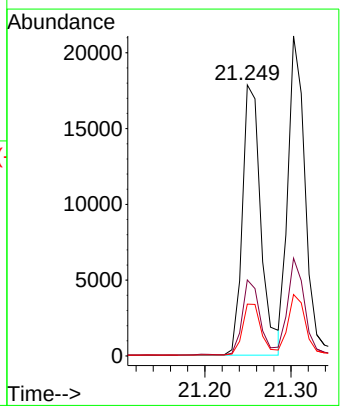


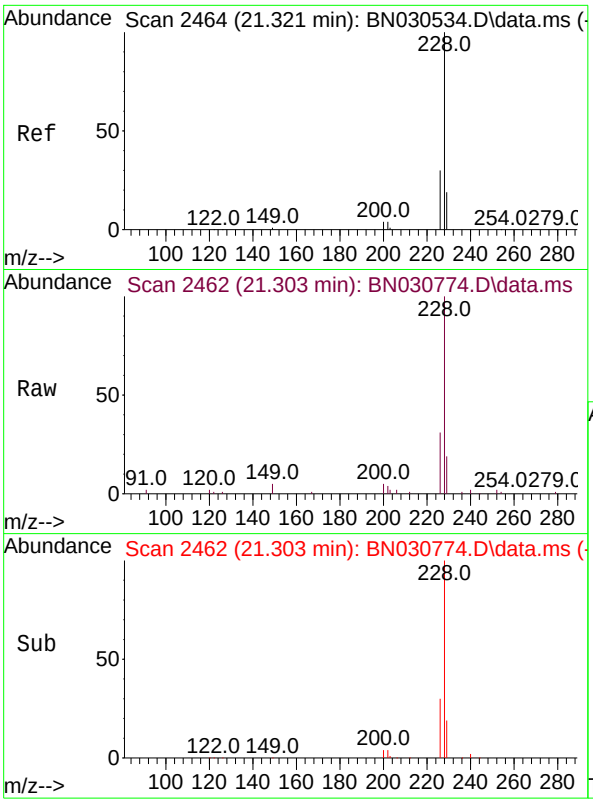


#32
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.249 min Scan# 2456
Delta R.T. -0.018 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:228 Resp: 26704

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	19.2	15.4	23.2



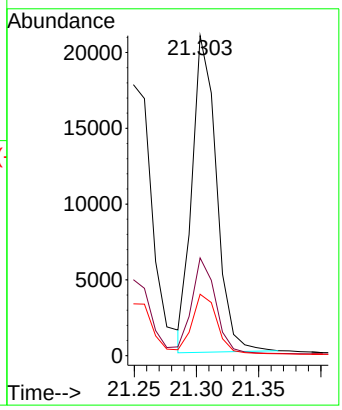


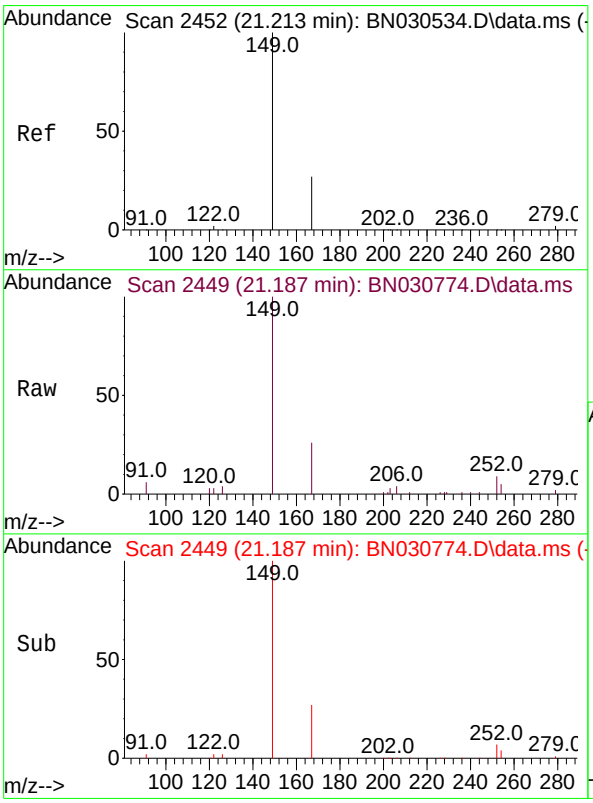
#33
Chrysene
Concen: 0.371 ng
RT: 21.303 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:228 Resp: 28426

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.2	15.8	23.6

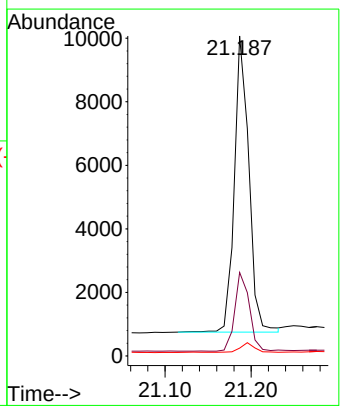


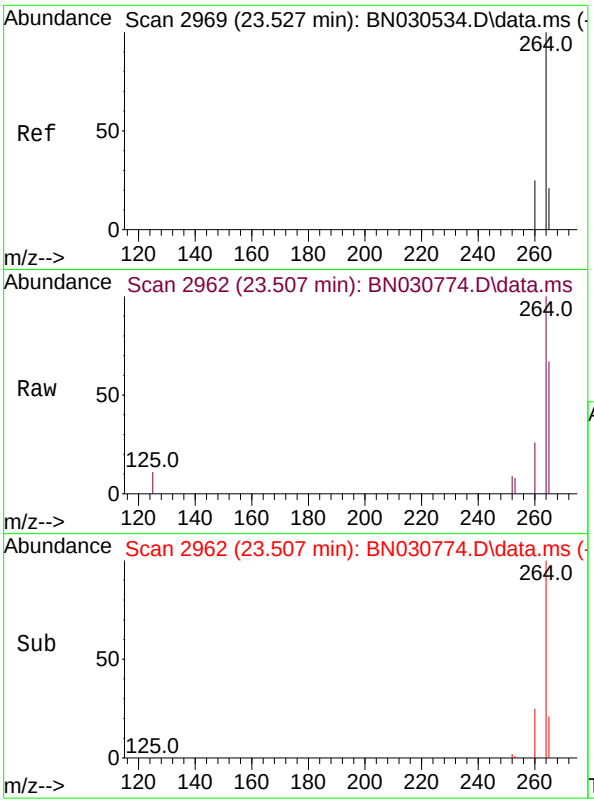


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:149 Resp: 10928

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.1	2.3	3.5



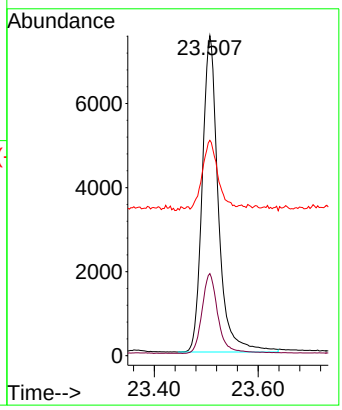


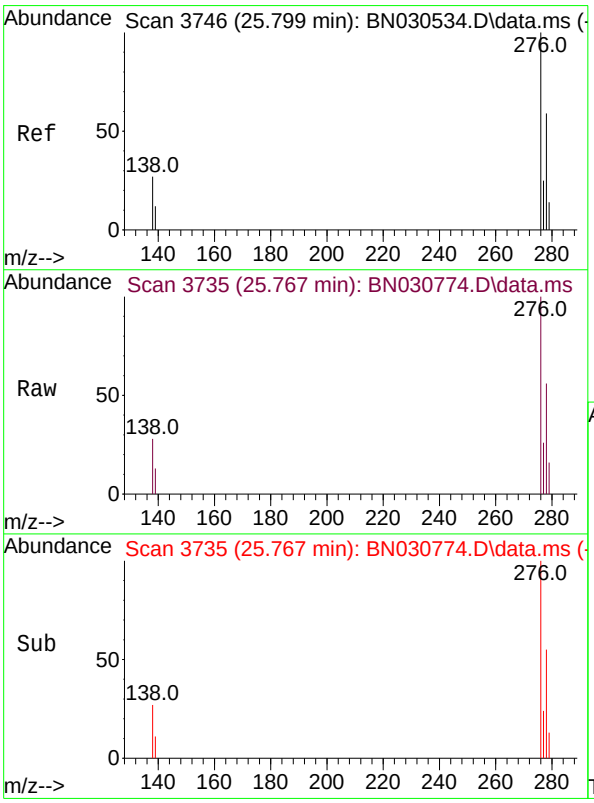
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:264 Resp: 16116

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	67.3	41.8	62.8#

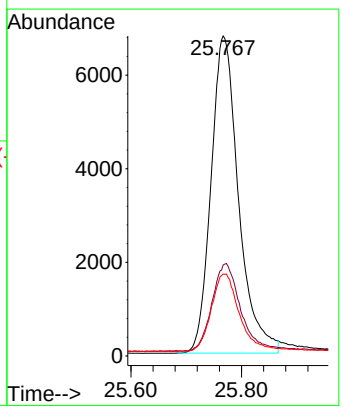


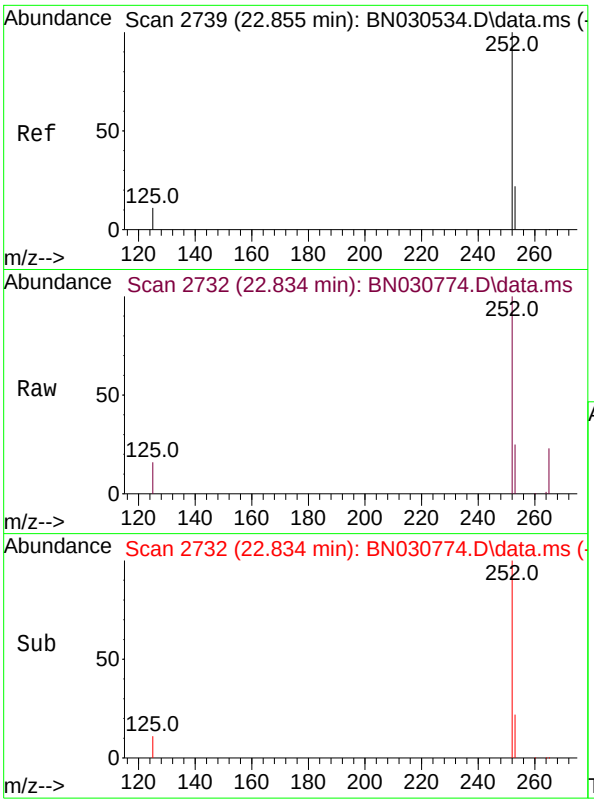


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 25.767 min Scan# 3735
Delta R.T. -0.032 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:276 Resp: 23411

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.0	34.4
277	25.1	20.1	30.1



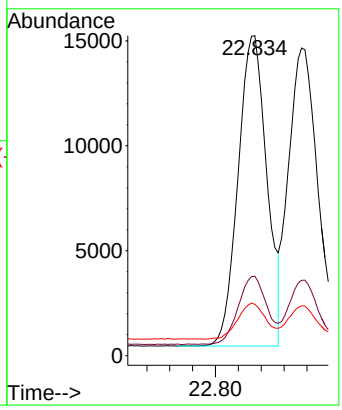


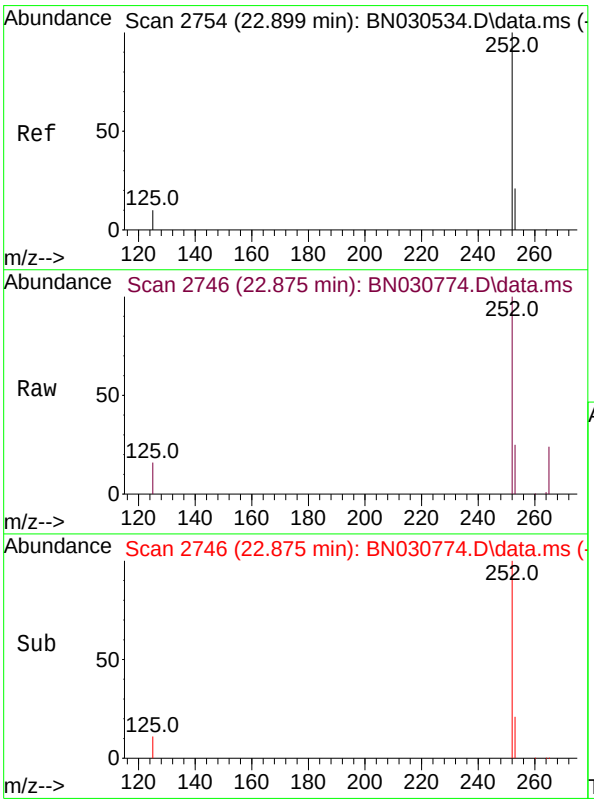
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.834 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:252 Resp: 25868

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	16.1	11.7	17.5

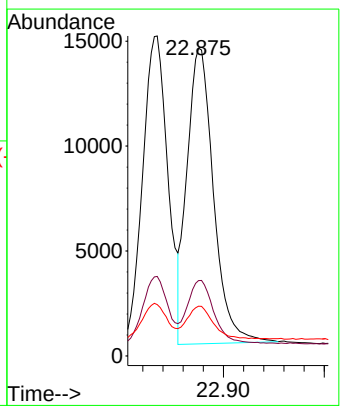


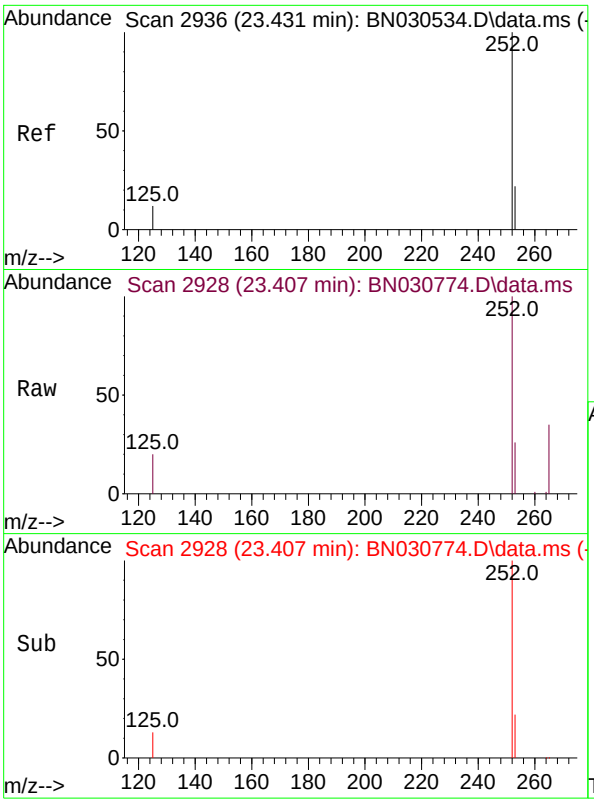


#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.875 min Scan# 2746
Delta R.T. -0.023 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:252 Resp: 25689

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	16.2	11.5	17.3



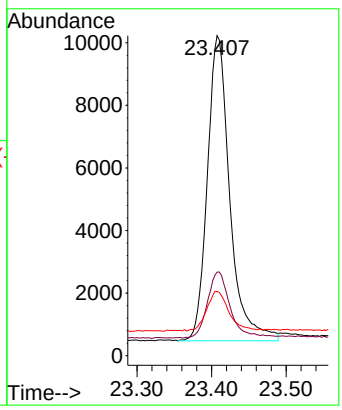


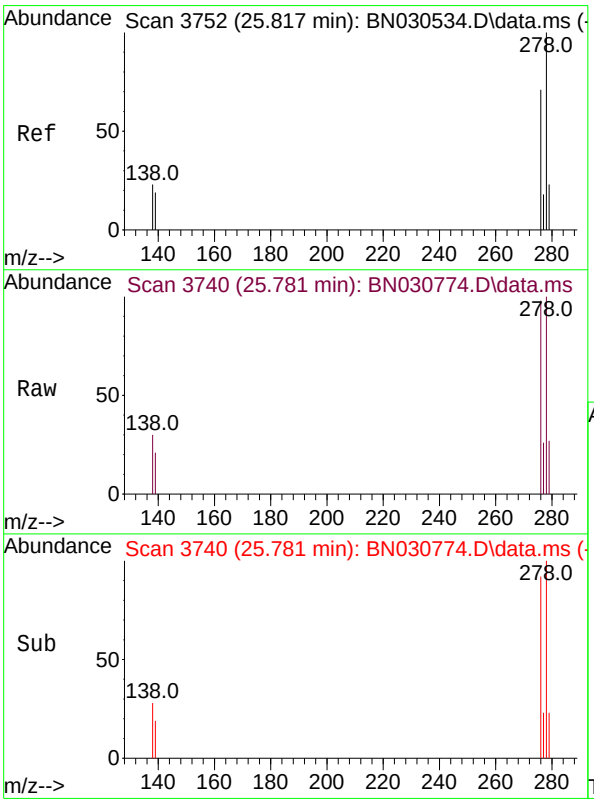
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.407 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:252 Resp: 20410

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.0	30.0
125	20.1	14.3	21.5

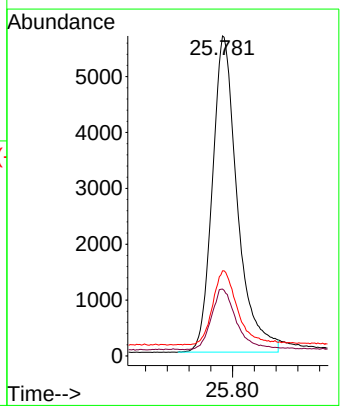


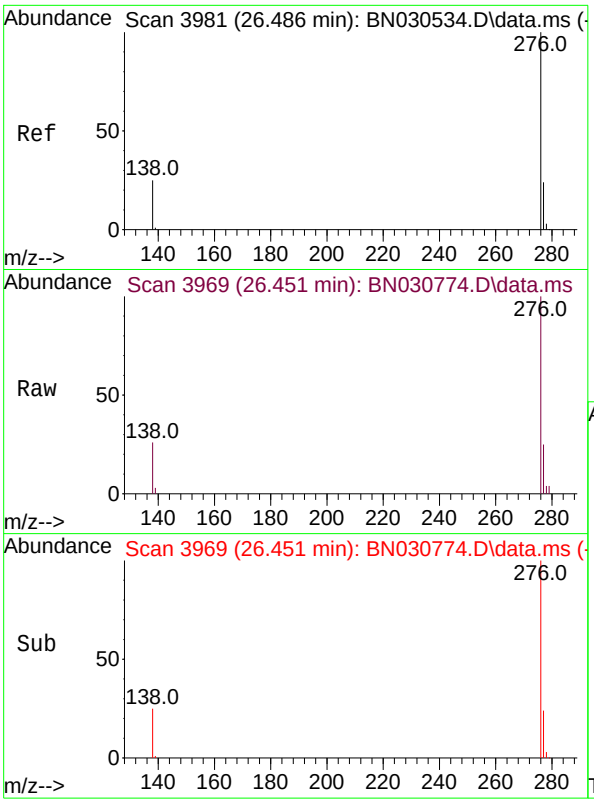


#40
Dibenzo(a,h)anthracene
Concen: 0.319 ng
RT: 25.781 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Tgt Ion:278 Resp: 18044

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.2	24.2
279	26.6	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 26.451 min Scan# 3
Delta R.T. -0.035 min
Lab File: BN030774.D
Acq: 08 Apr 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Tgt Ion:276 Resp: 19627

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	26.4	20.6	31.0