Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030775.D
Acq On : 08 Apr 2024 19:00
Operator : MA/JU
Sample : PB160031BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Quant Time: Apr 16 13:36:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	4855	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	14607	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9002	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	22370	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	18922	0.400	ng	#-0.02
35) Perylene-d12	23.507	264	15126	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4137	0.391	ng	-0.01
5) Phenol-d6	6.859	99	4867	0.358	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3290	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	8313	0.372	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1061	0.312	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	11127	0.320	ng	-0.02
27) Fluoranthene-d10	19.107	212	21145	0.351	ng	-0.02
31) Terphenyl-d14	19.716	244	15374	0.352	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1545	0.264	ng	# 40
3) n-Nitrosodimethylamine	3.537	42	1736	0.306	ng	89
6) bis(2-Chloroethyl)ether	7.119	93	4457	0.332	ng	100
9) Naphthalene	10.517	128	14080	0.348	ng	99
10) Hexachlorobutadiene	10.795	225	2793	0.338	ng	# 98
12) 2-Methylnaphthalene	12.134	142	9497	0.357	ng	99
16) Acenaphthylene	14.038	152	13831	0.339	ng	100
17) Acenaphthene	14.391	154	9223	0.327	ng	99
18) Fluorene	15.375	166	12796	0.348	ng	99
20) 4,6-Dinitro-2-methylph...	15.460	198	508	0.319	ng	# 55
21) 4-Bromophenyl-phenylether	16.271	248	4285	0.317	ng	# 85
22) Hexachlorobenzene	16.370	284	5346	0.331	ng	98
23) Atrazine	16.544	200	3070	0.312	ng	99
24) Pentachlorophenol	16.730	266	2229	0.506	ng	97
25) Phenanthrene	17.115	178	23403	0.353	ng	99
26) Anthracene	17.202	178	18318	0.329	ng	99
28) Fluoranthene	19.140	202	27103	0.344	ng	100
30) Pyrene	19.502	202	27407	0.370	ng	100
32) Benzo(a)anthracene	21.258	228	25020	0.373	ng	98
33) Chrysene	21.303	228	26972	0.375	ng	100
34) Bis(2-ethylhexyl)phtha...	21.187	149	10189	0.351	ng	99
36) Indeno(1,2,3-cd)pyrene	25.770	276	22379	0.334	ng	100
37) Benzo(b)fluoranthene	22.831	252	24625	0.400	ng	98
38) Benzo(k)fluoranthene	22.878	252	25066	0.406	ng	97
39) Benzo(a)pyrene	23.407	252	19388	0.393	ng	96
40) Dibenzo(a,h)anthracene	25.784	278	17350	0.327	ng	98
41) Benzo(g,h,i)perylene	26.454	276	18941	0.332	ng	100

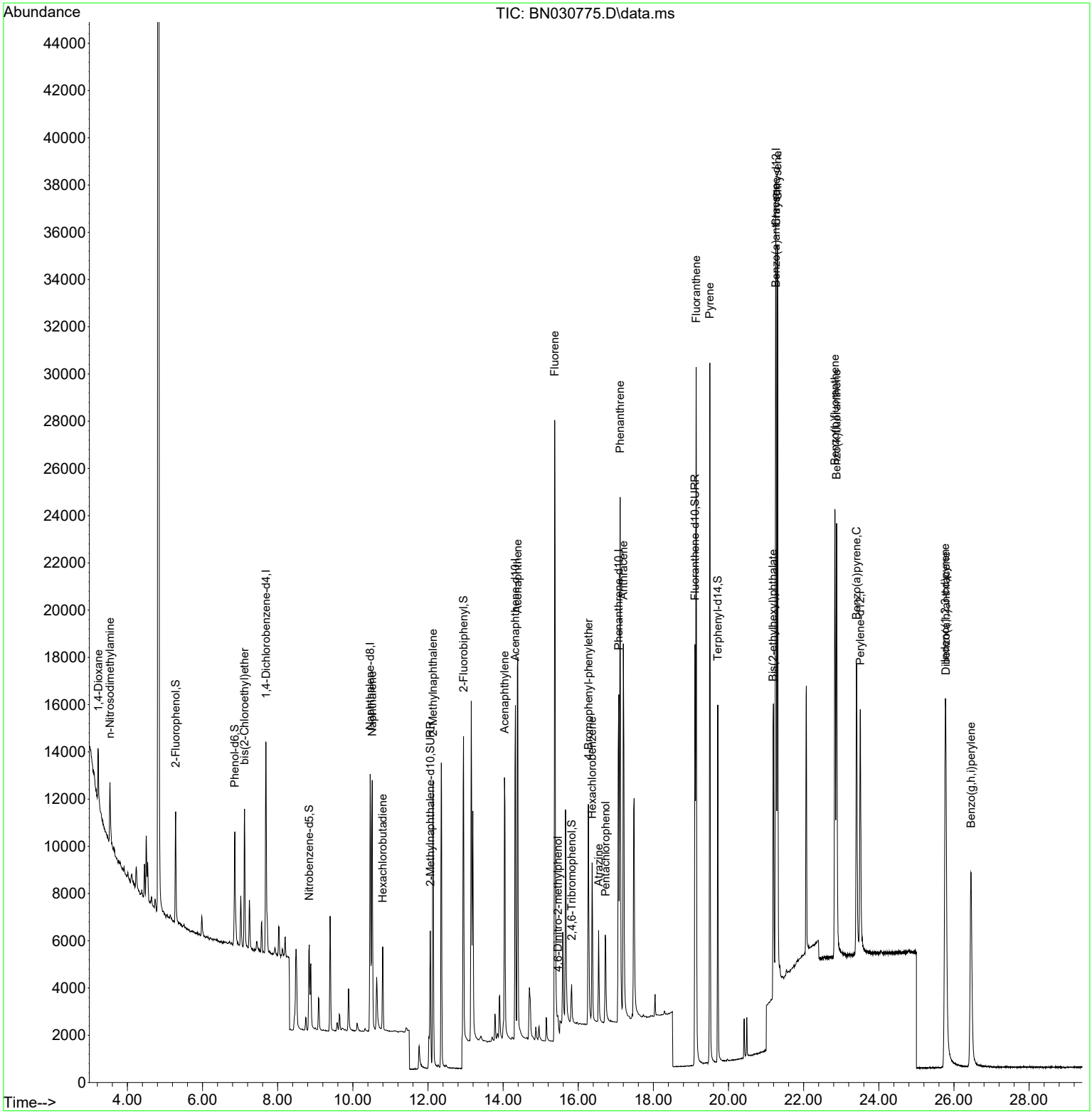
(#) = qualifier out of range (m) = manual integration (+) = signals summed

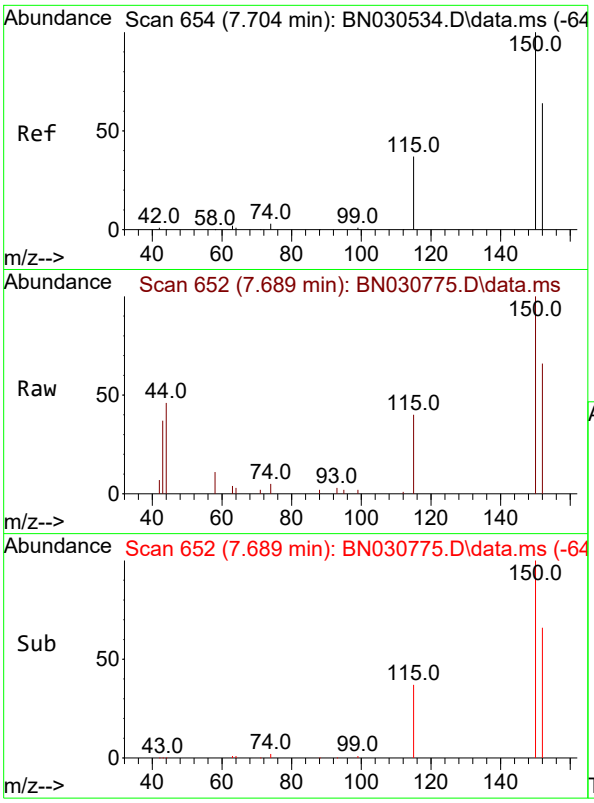
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030775.D
Acq On : 08 Apr 2024 19:00
Operator : MA/JU
Sample : PB160031BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Quant Time: Apr 16 13:36:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 11 12:30:40 2024
Response via : Initial Calibration



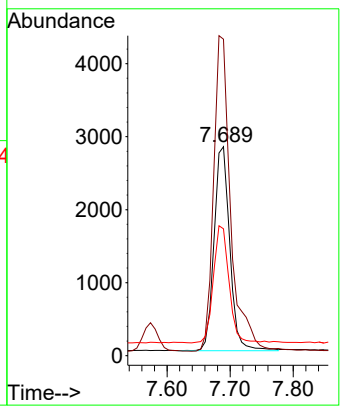


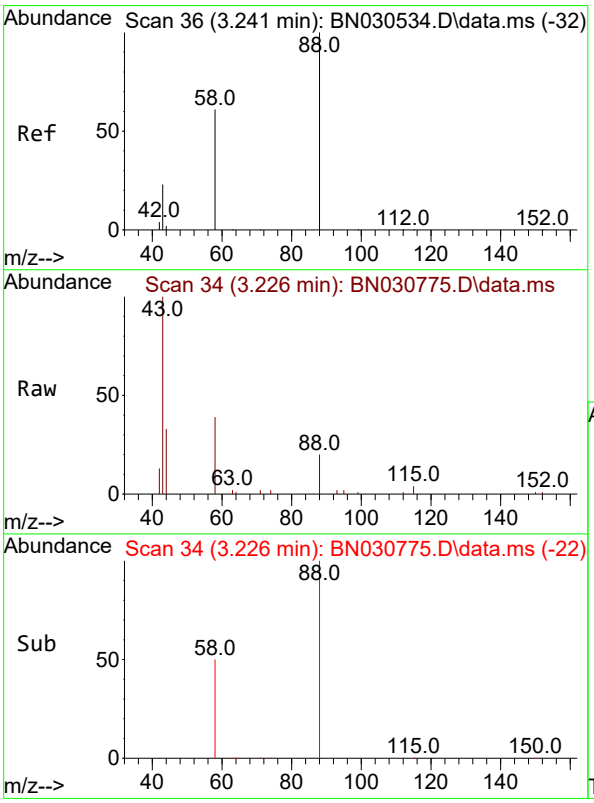
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:152 Resp: 4855

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.2	186.4
115	60.7	48.6	72.8

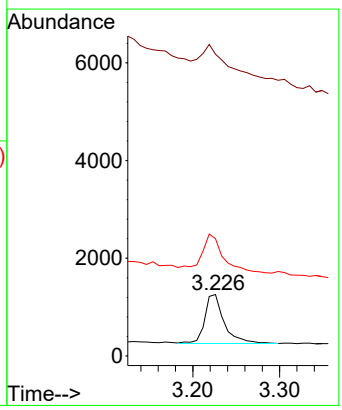


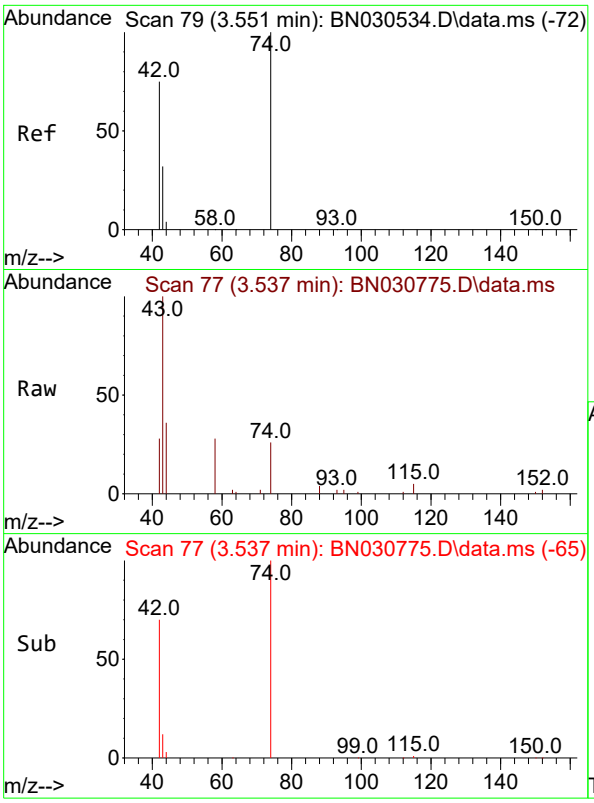


#2
1,4-Dioxane
Concen: 0.264 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion: 88 Resp: 1545

Ion	Ratio	Lower	Upper
88	100		
43	106.2	21.9	32.9#
58	85.2	53.4	80.2#



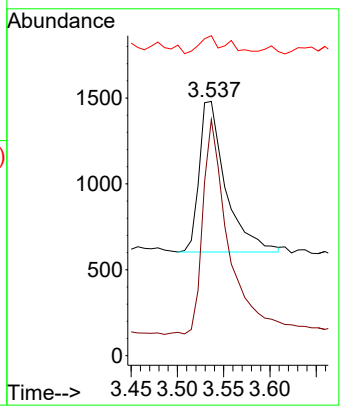


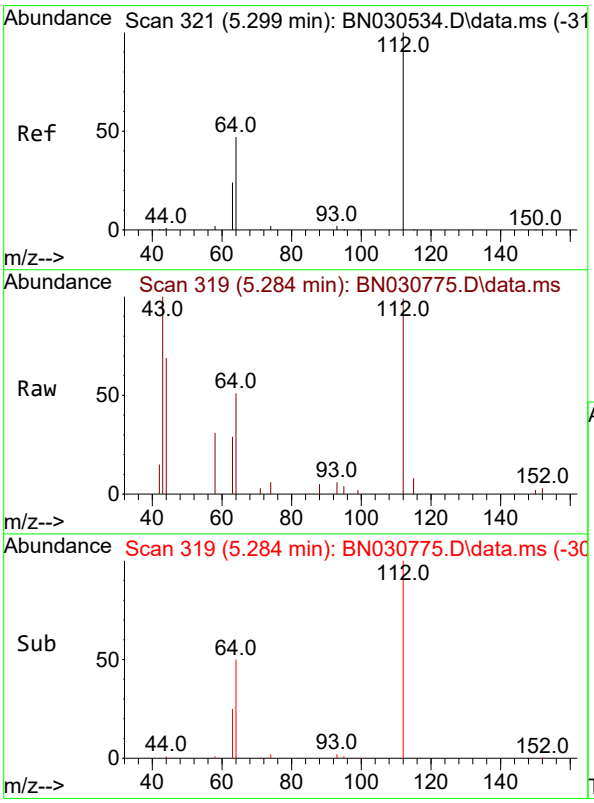
#3
n-Nitrosodimethylamine
Concen: 0.306 ng
RT: 3.537 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion: 42 Resp: 1736

Ion	Ratio	Lower	Upper
42	100		
74	139.7	100.9	151.3
44	8.2	5.8	8.6

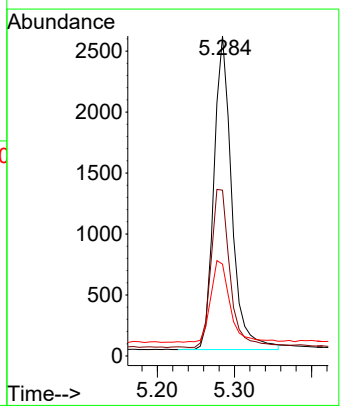


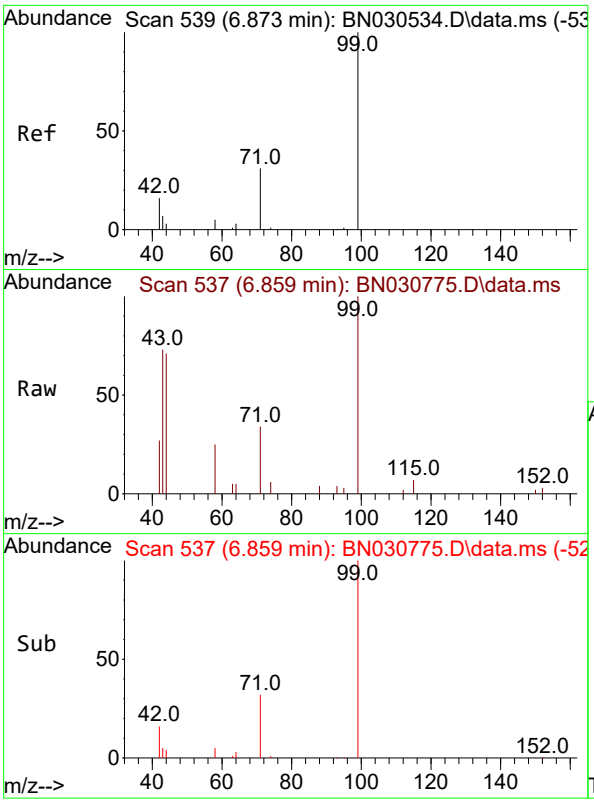


#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:112 Resp: 4137

Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.2	64.8
63	27.9	22.5	33.7



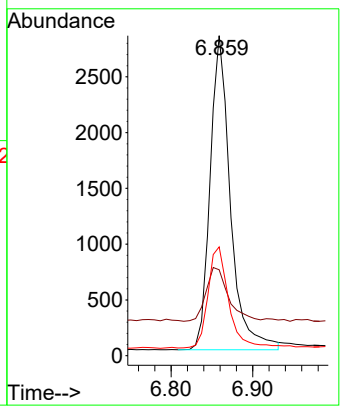


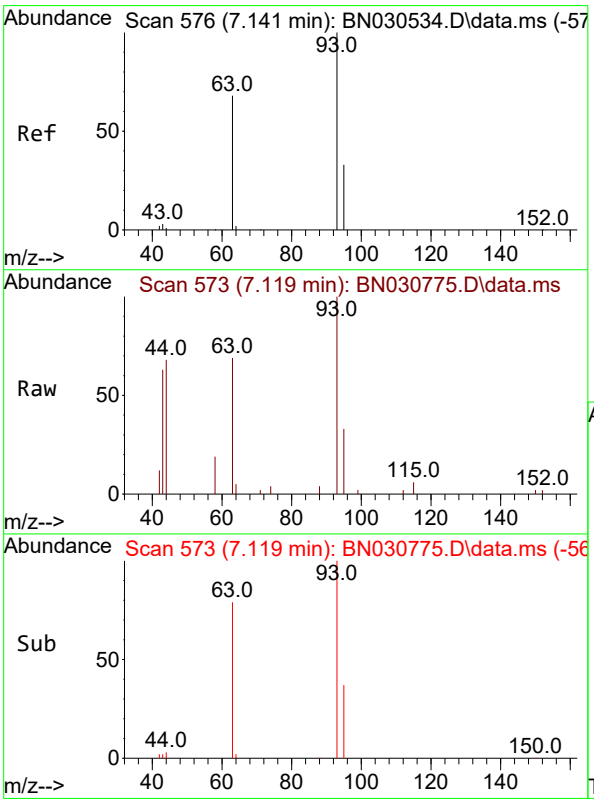
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.859 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion: 99 Resp: 4867

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	32.8	25.9	38.9

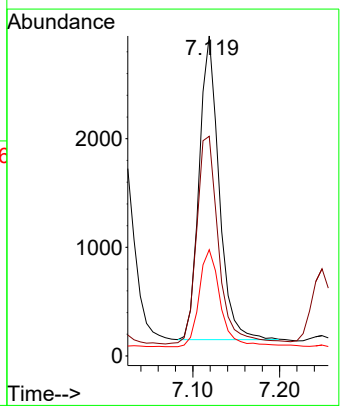


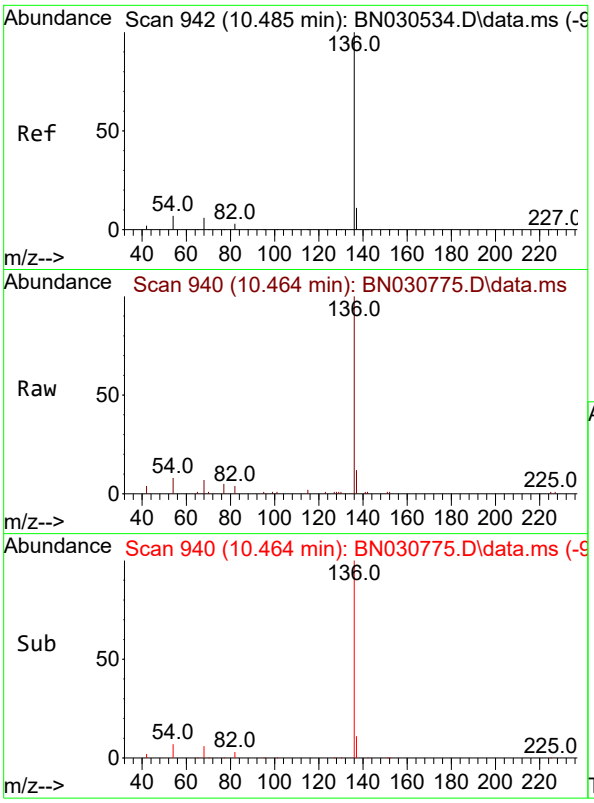


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion: 93 Resp: 4457

Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.5	90.7
95	34.1	27.5	41.3



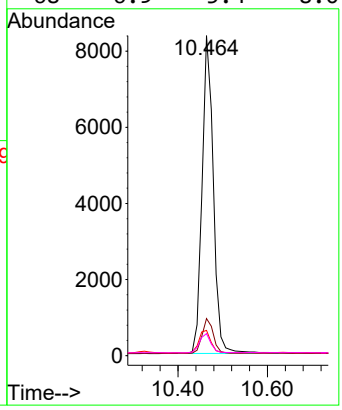


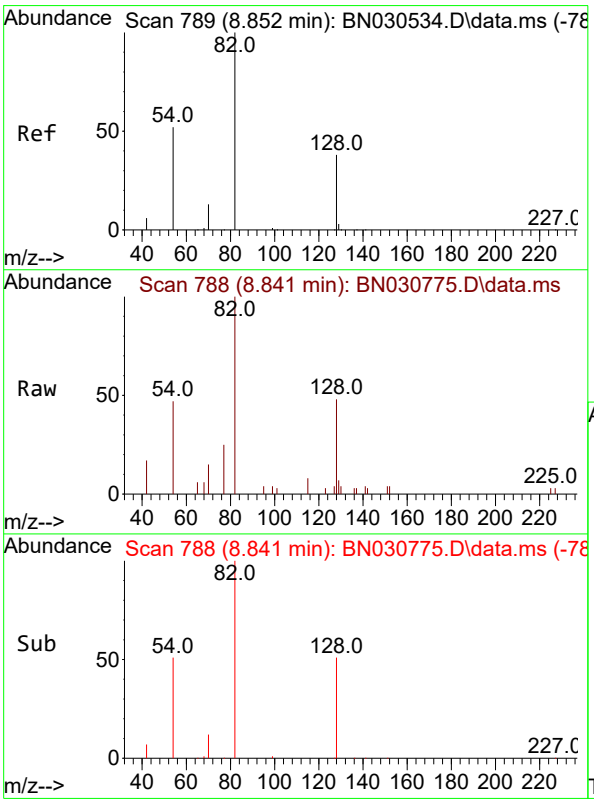
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:136 Resp: 14607

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.9	6.4	9.6
68	6.9	5.4	8.0

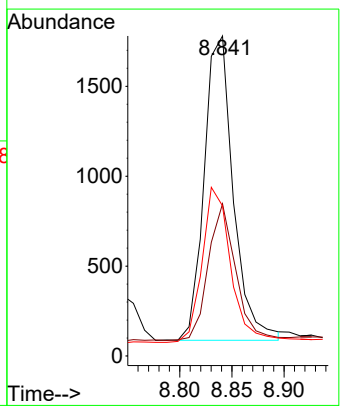


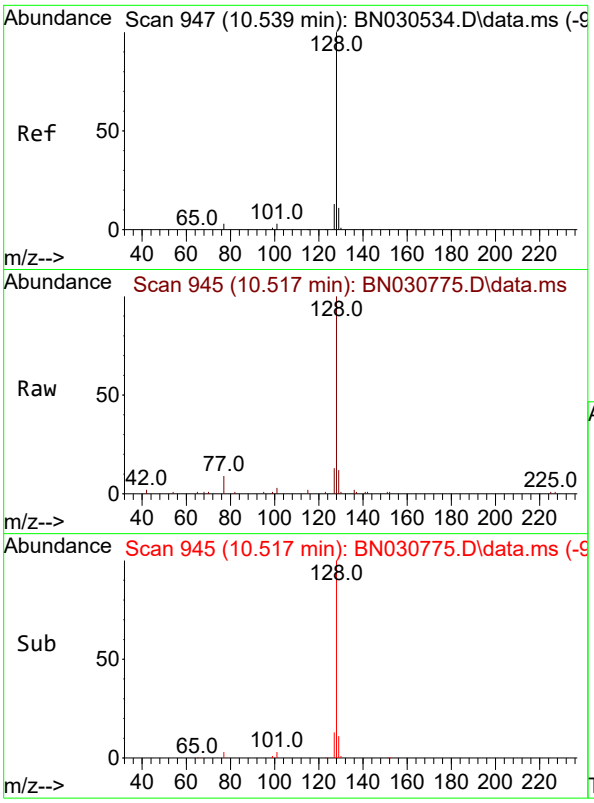


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion: 82 Resp: 3290

Ion	Ratio	Lower	Upper
82	100		
128	47.6	32.3	48.5
54	46.9	42.7	64.1



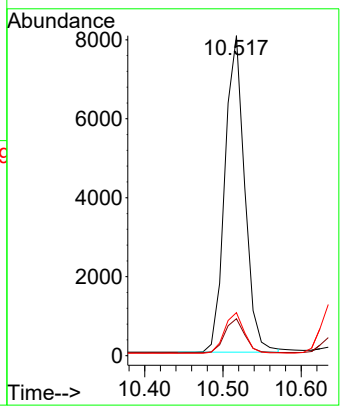


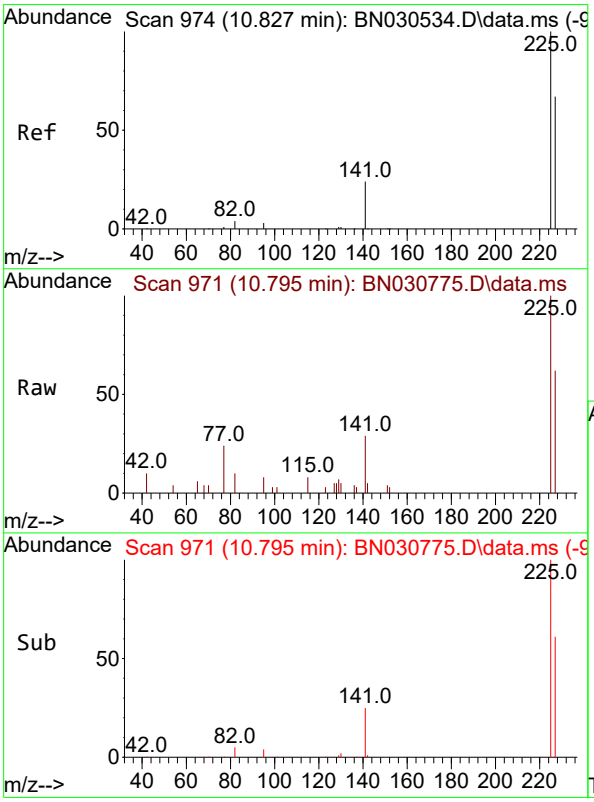
#9
Naphthalene
Concen: 0.348 ng
RT: 10.517 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:128 Resp: 14080

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.5	10.5	15.7

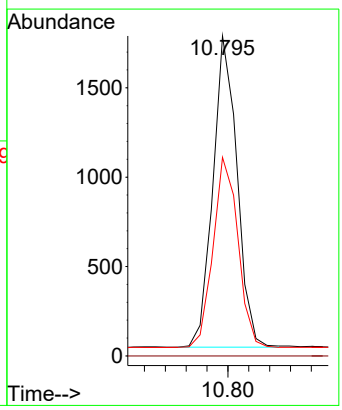


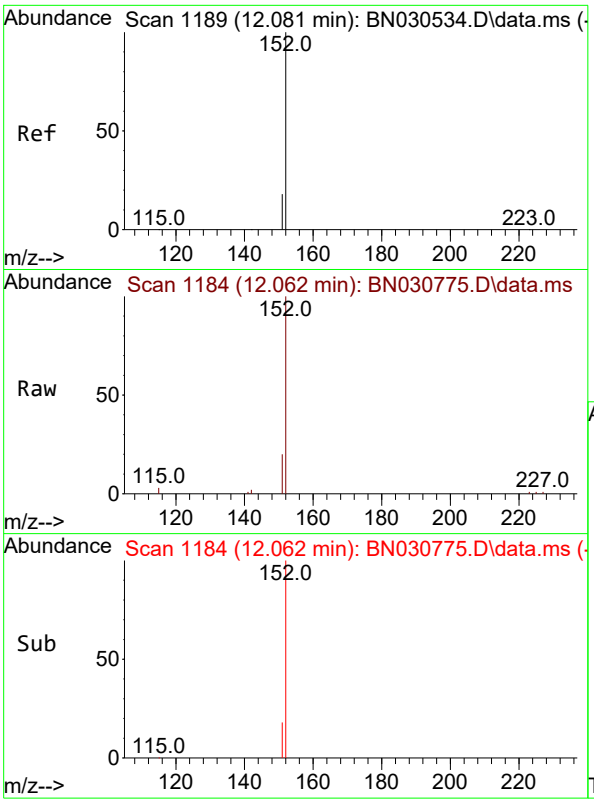


#10
Hexachlorobutadiene
Concen: 0.338 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:225 Resp: 2793

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.4	77.2



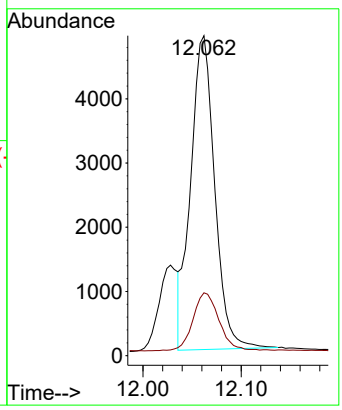


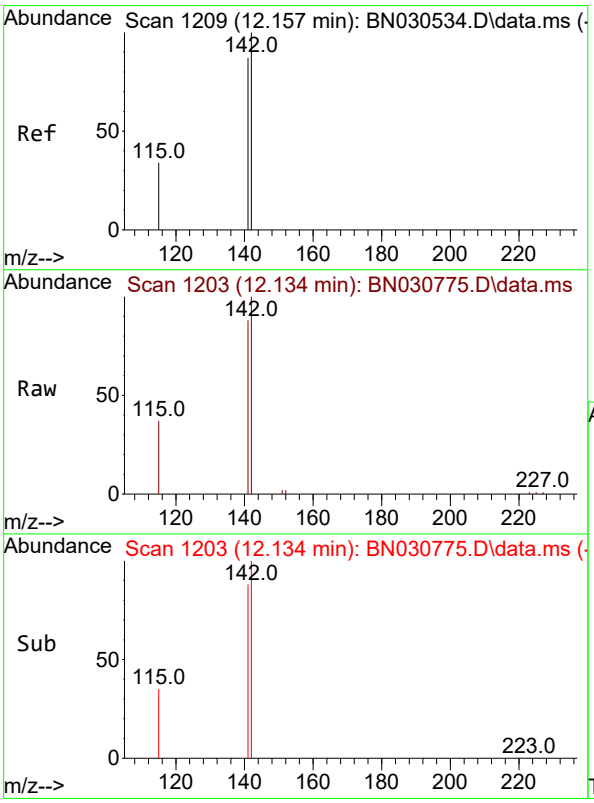
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.062 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:152 Resp: 8313

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1

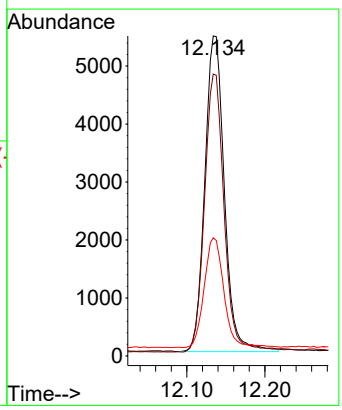


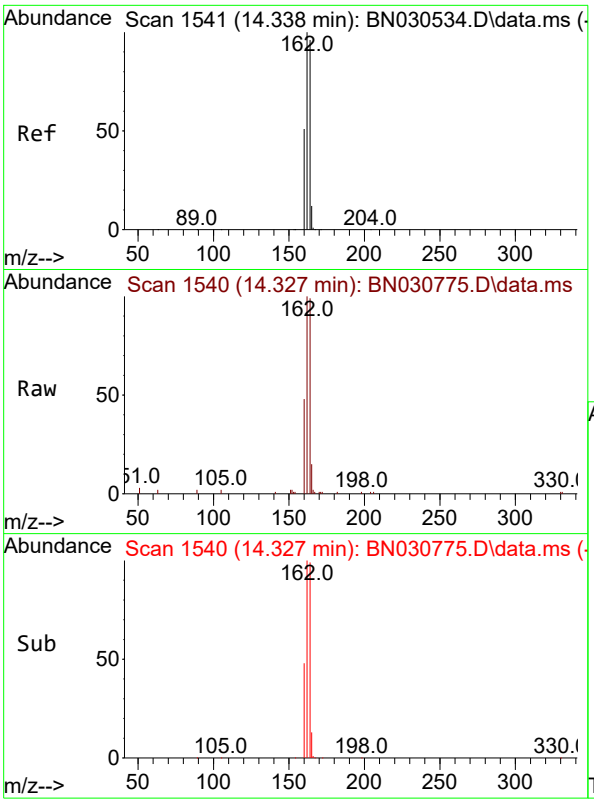


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:142 Resp: 9497

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.8
115	36.9	28.3	42.5



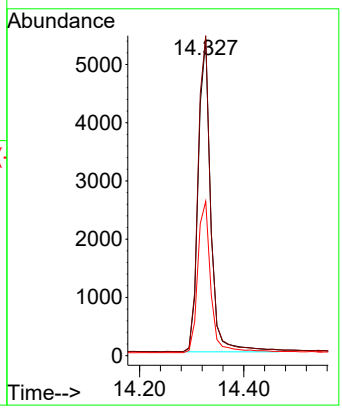


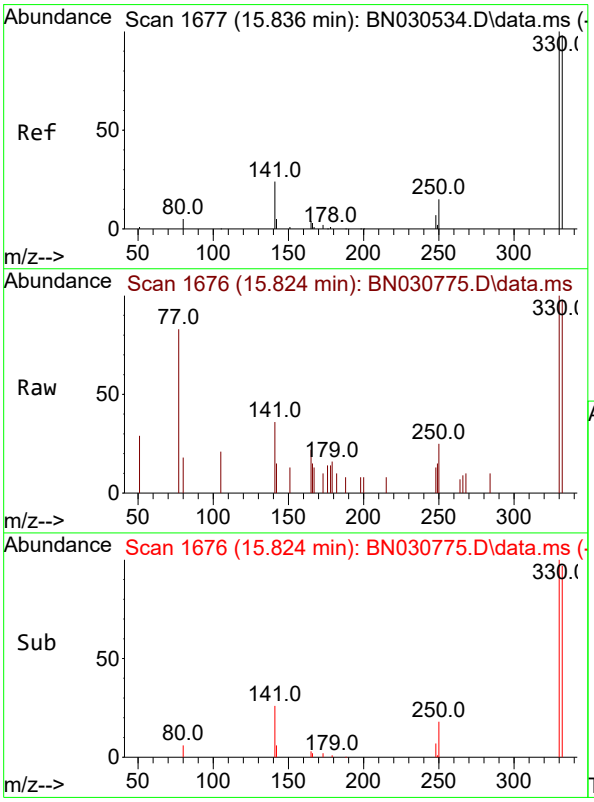
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:164 Resp: 9002

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.5	125.3
160	48.7	42.5	63.7

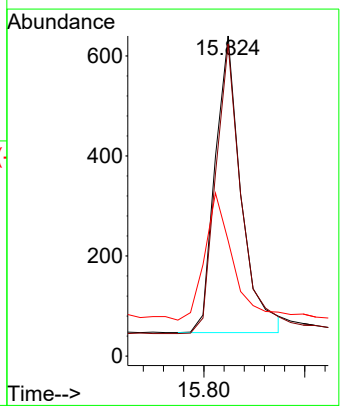


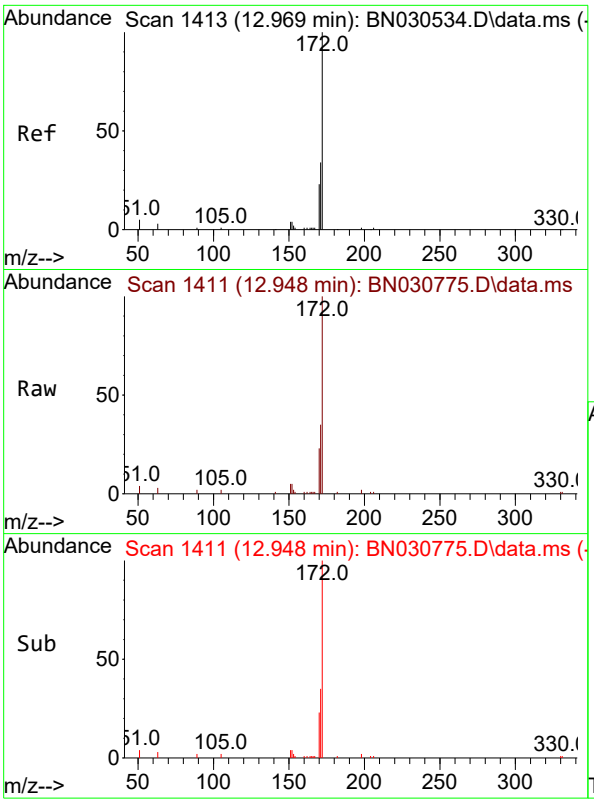


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:330 Resp: 1061

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	46.2	35.9	53.9



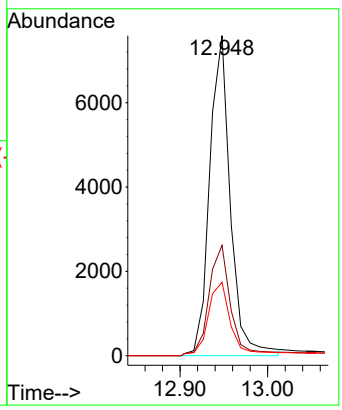


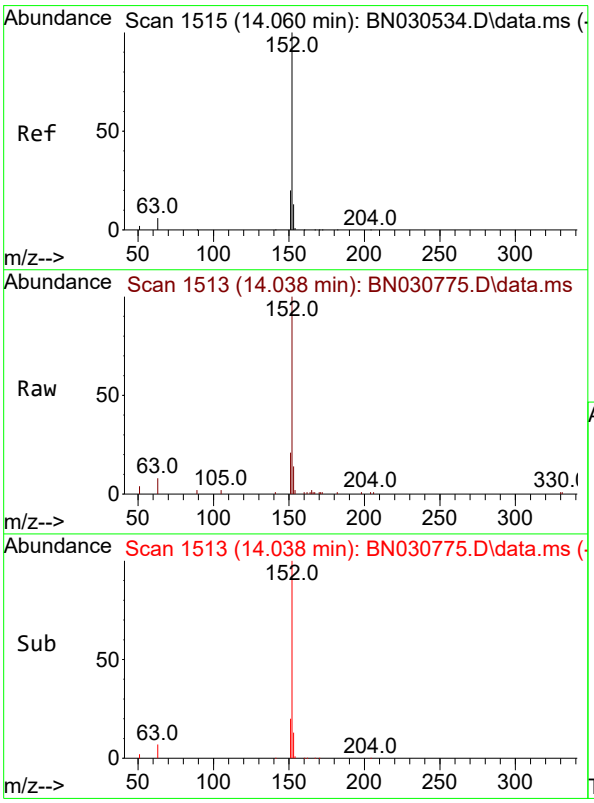
#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.948 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:172 Resp: 11127

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.1	40.7
170	22.9	18.3	27.5

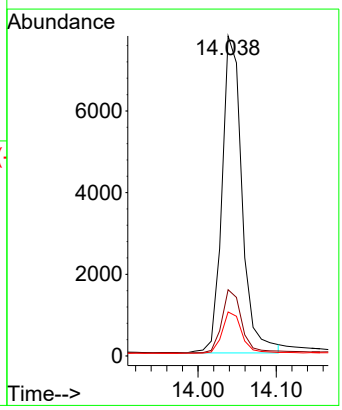


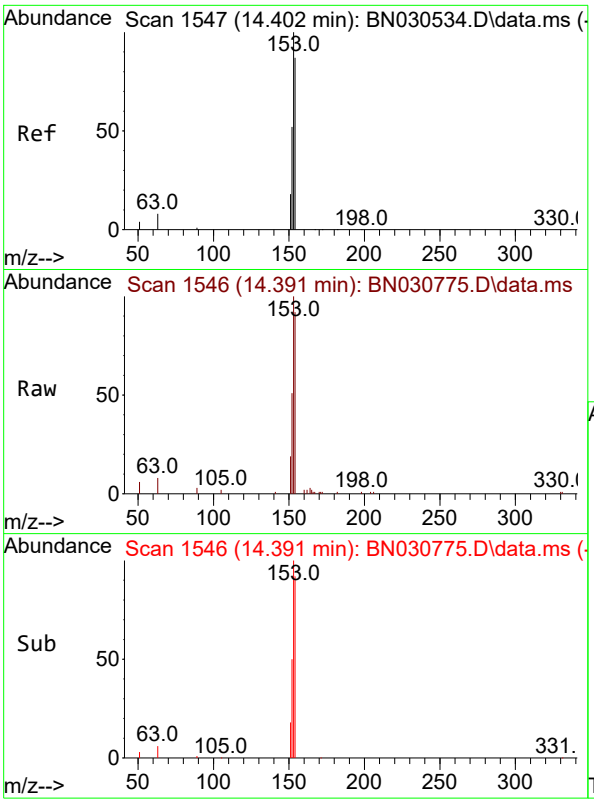


#16
Acenaphthylene
Concen: 0.339 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:152 Resp: 13831

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.3	15.5



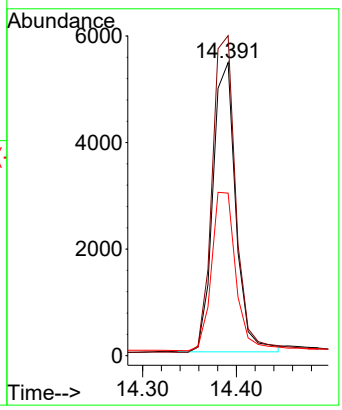


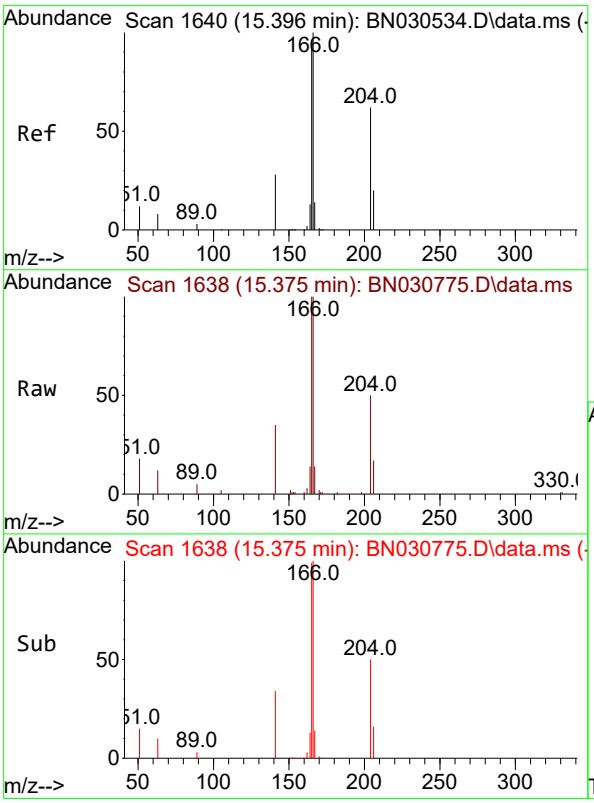
#17
Acenaphthene
Concen: 0.327 ng
RT: 14.391 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:154 Resp: 9223

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.0	136.6
152	57.9	47.8	71.6

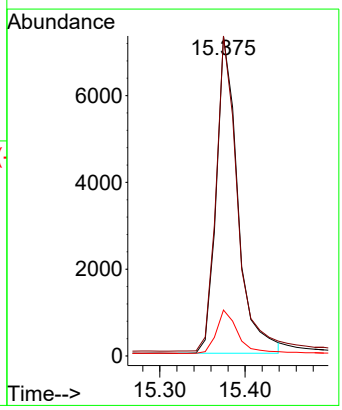


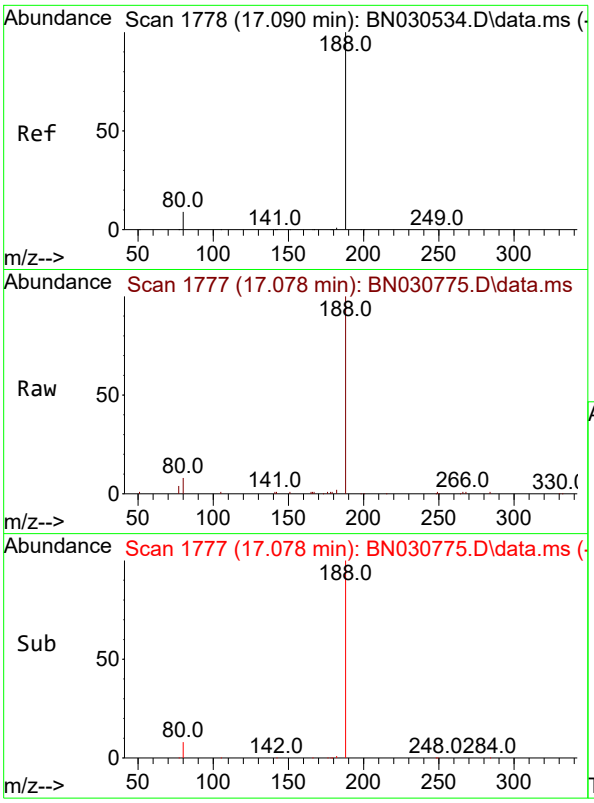


#18
Fluorene
Concen: 0.348 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:166 Resp: 12796

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	13.6	10.8	16.2



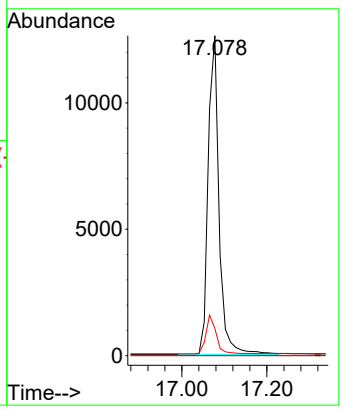


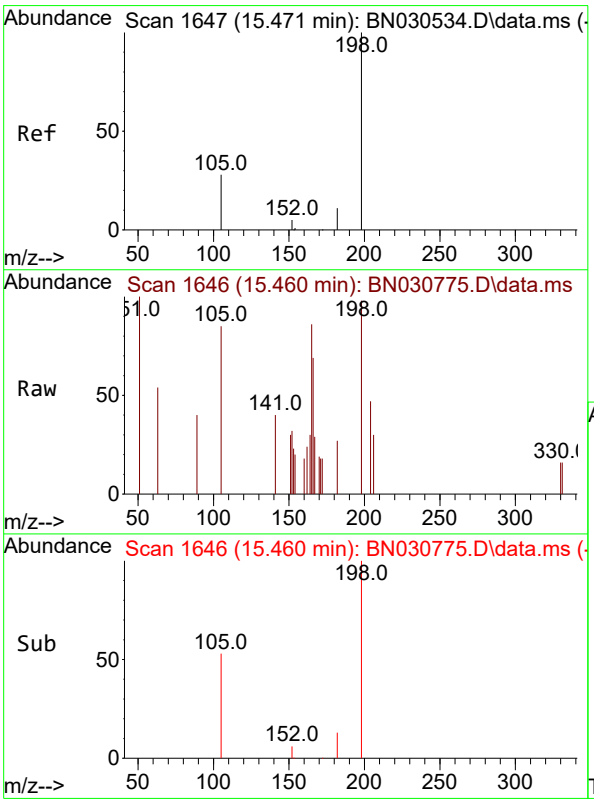
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:188 Resp: 22370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.0

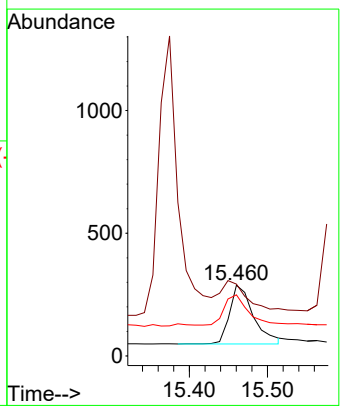


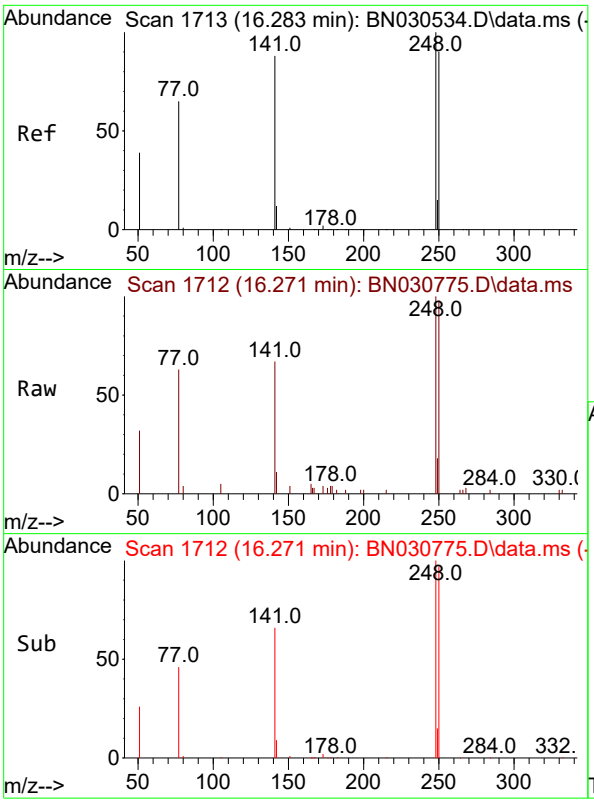


#20
4,6-Dinitro-2-methylphenol
Concen: 0.319 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:198 Resp: 508

Ion	Ratio	Lower	Upper
198	100		
51	101.7	57.8	86.6#
105	86.5	37.5	56.3#



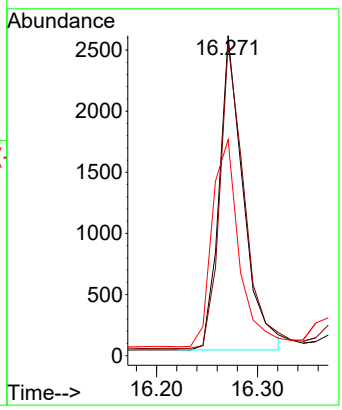


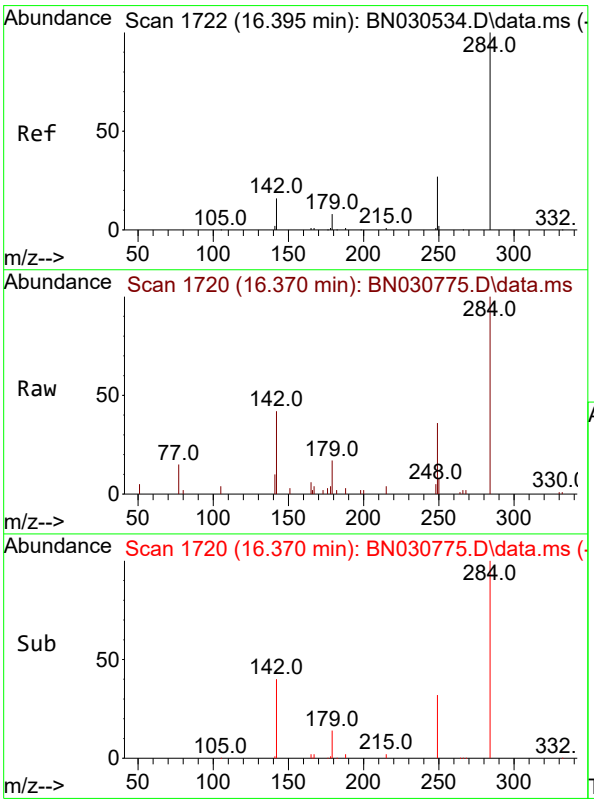
#21
4-Bromophenyl-phenylether
Concen: 0.317 ng
RT: 16.271 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:248 Resp: 4285

Ion	Ratio	Lower	Upper
248	100		
250	97.7	72.2	108.2
141	67.5	71.1	106.7#

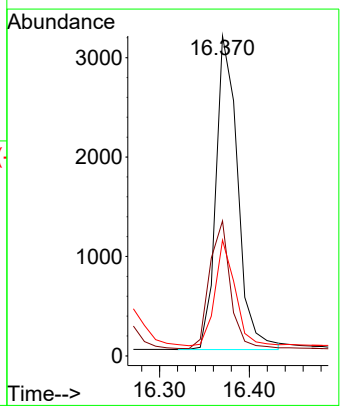


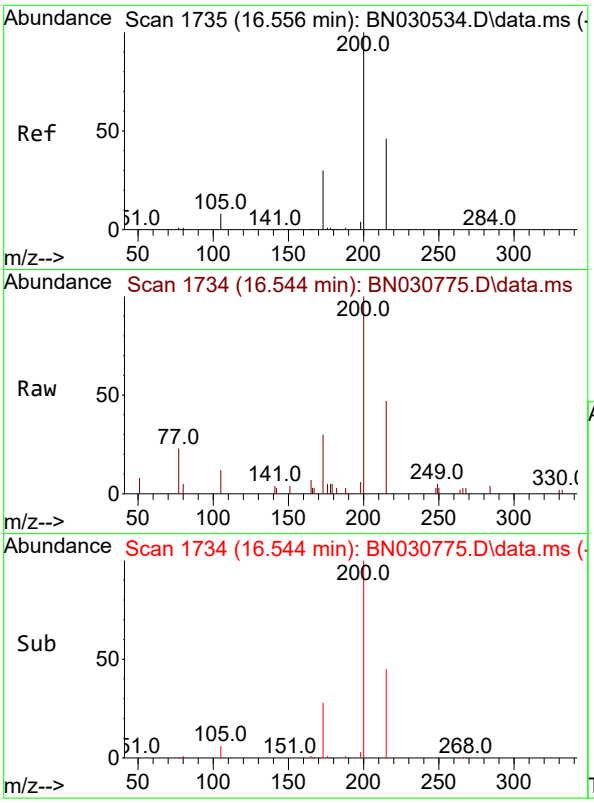


#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:284 Resp: 5346

Ion	Ratio	Lower	Upper
284	100		
142	38.6	31.8	47.6
249	30.8	25.8	38.6



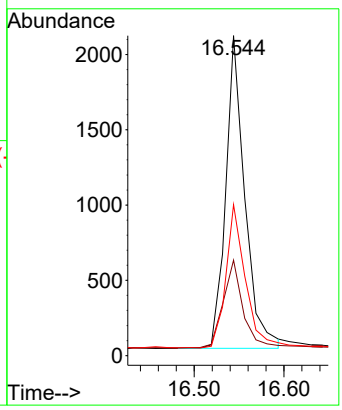


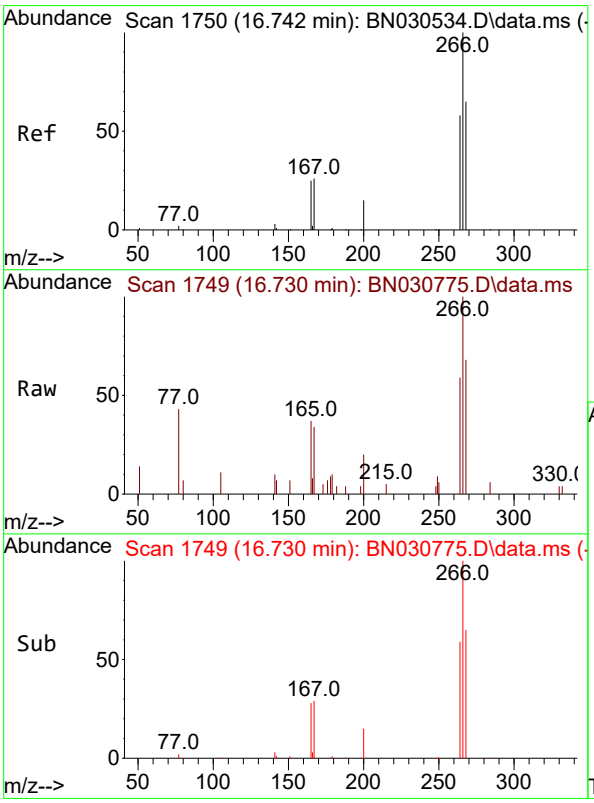
#23
Atrazine
Concen: 0.312 ng
RT: 16.544 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:200 Resp: 3070

Ion	Ratio	Lower	Upper
200	100		
173	29.8	25.0	37.6
215	47.2	37.4	56.2

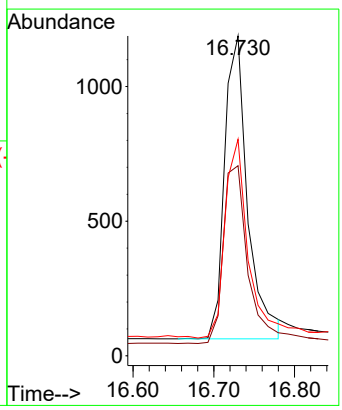


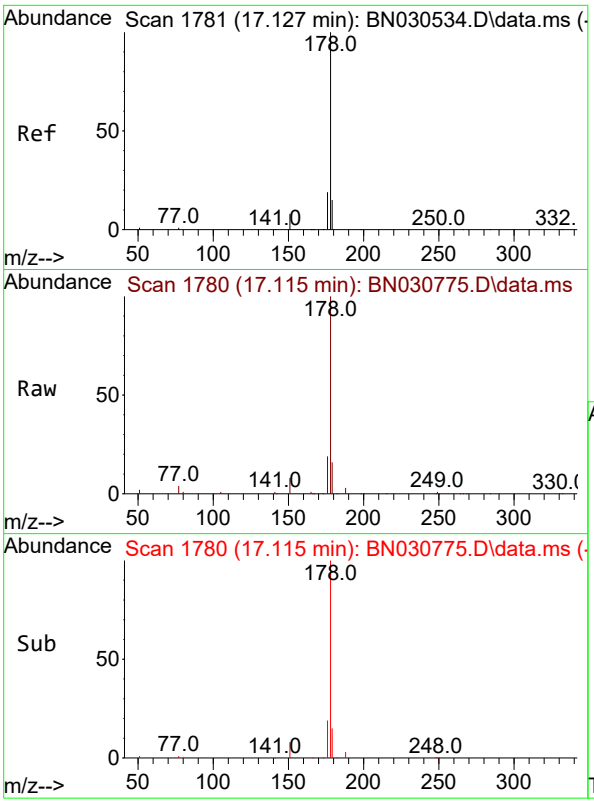


#24
Pentachlorophenol
Concen: 0.506 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:266 Resp: 2229

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.7	73.1
268	65.5	49.5	74.3



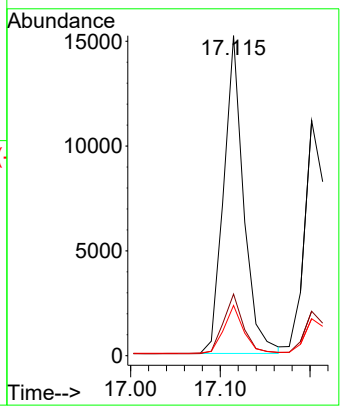


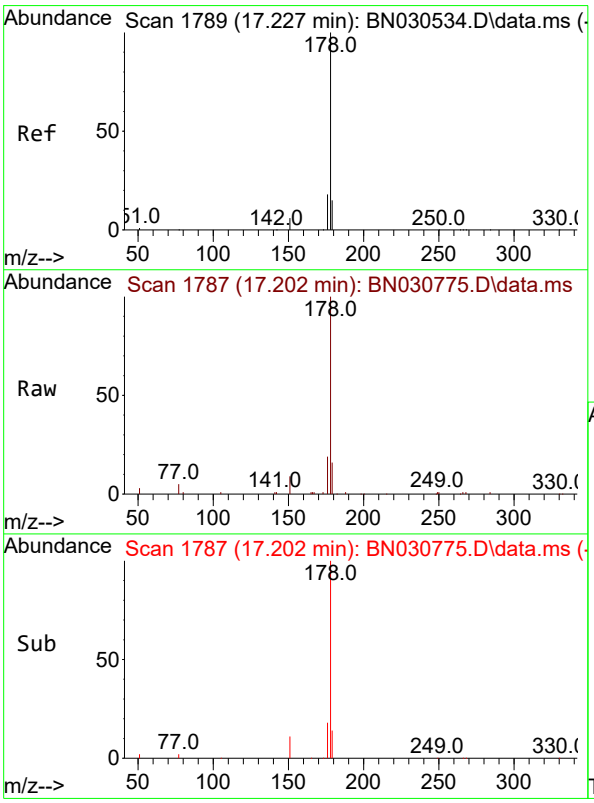
#25
Phenanthrene
Concen: 0.353 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:178 Resp: 23403

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.0	12.4	18.6

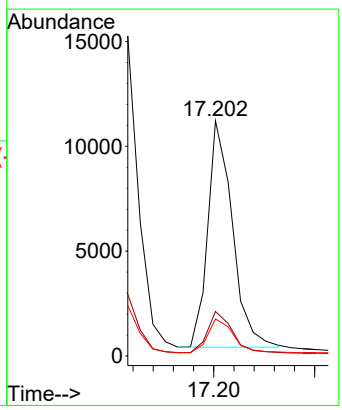


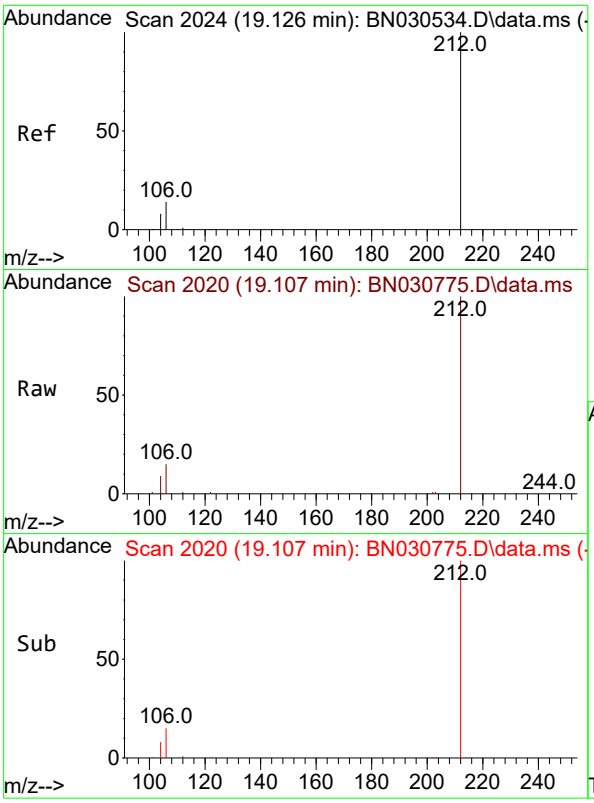


#26
Anthracene
Concen: 0.329 ng
RT: 17.202 min Scan# 1787
Delta R.T. -0.025 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:178 Resp: 18318

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.2	18.4



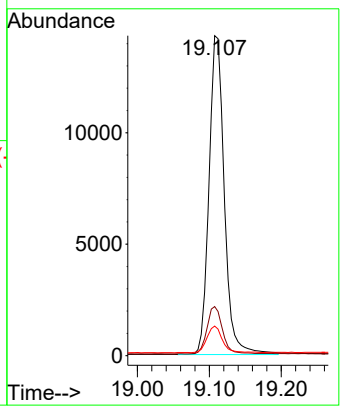


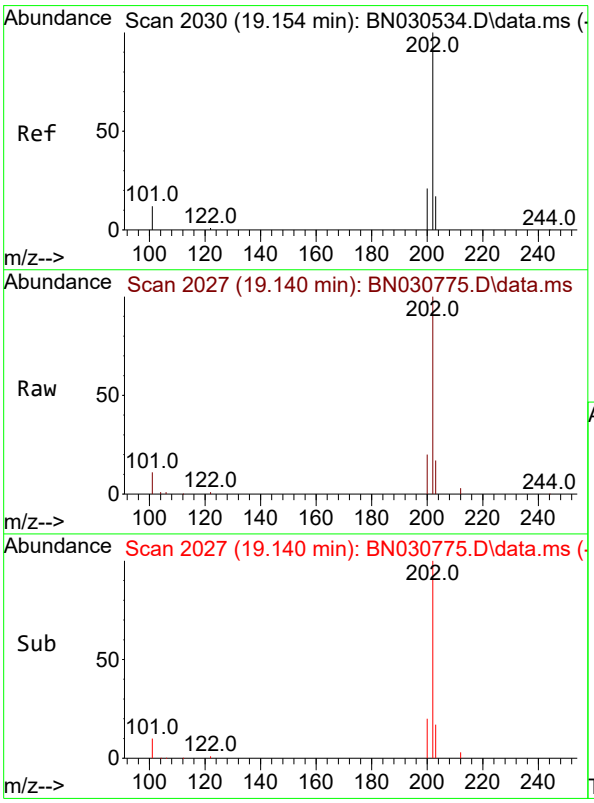
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.107 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:212 Resp: 21145

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

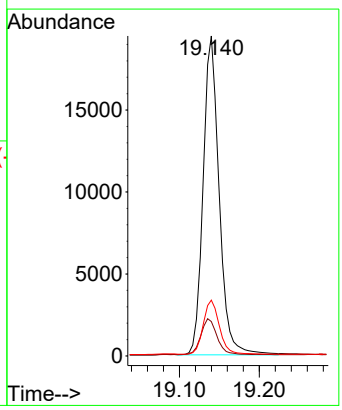


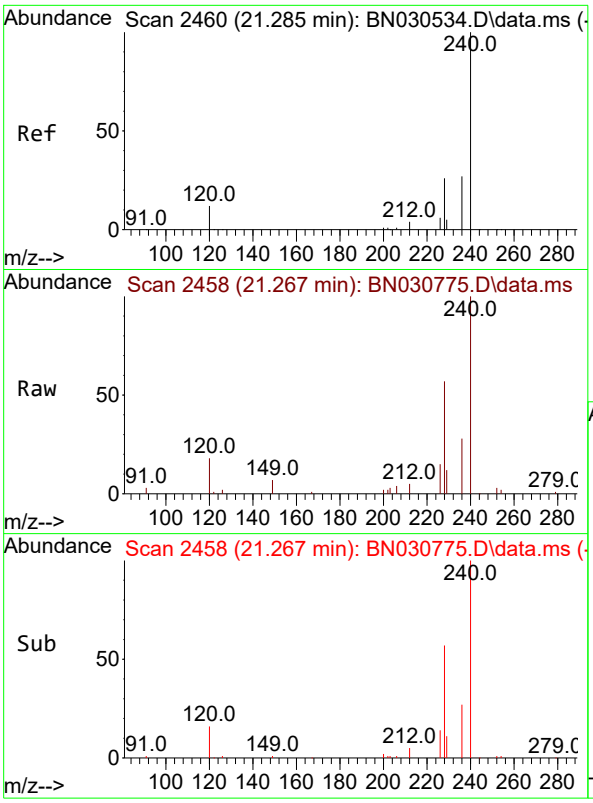


#28
Fluoranthene
Concen: 0.344 ng
RT: 19.140 min Scan# 2027
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:202 Resp: 27103

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.0
203	17.1	13.7	20.5



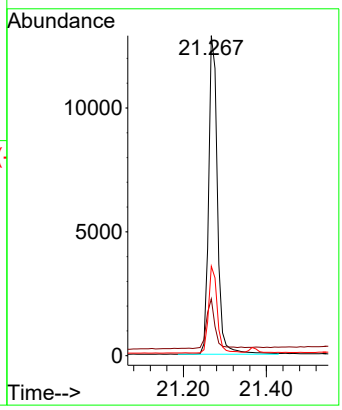


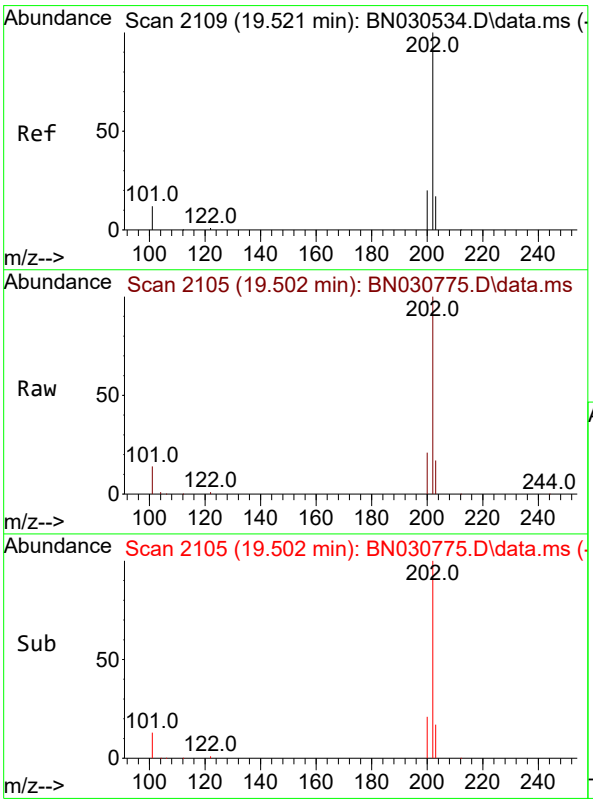
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:240 Resp: 18922

Ion	Ratio	Lower	Upper
240	100		
120	17.8	10.6	15.8#
236	28.0	22.1	33.1

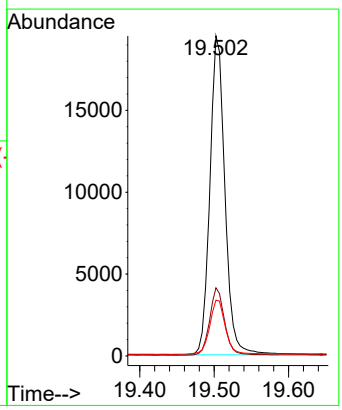


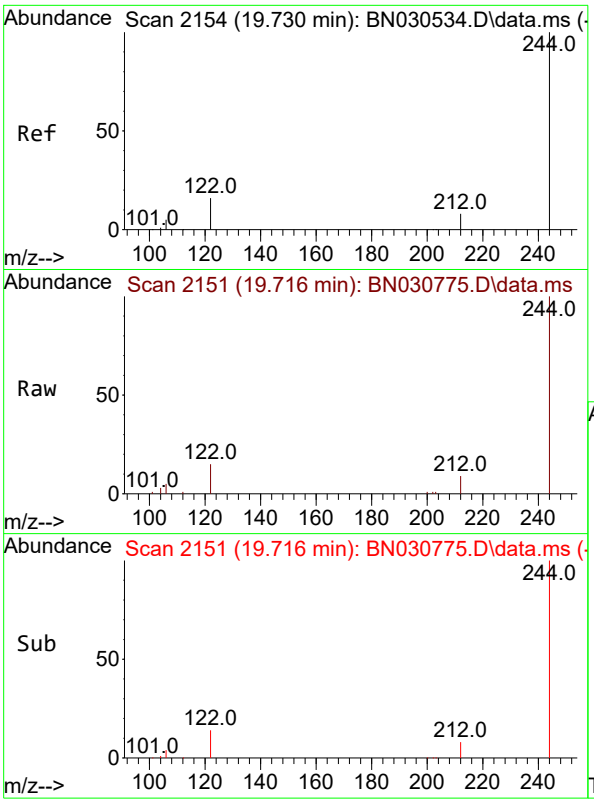


#30
Pyrene
Concen: 0.370 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:202 Resp: 27407

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



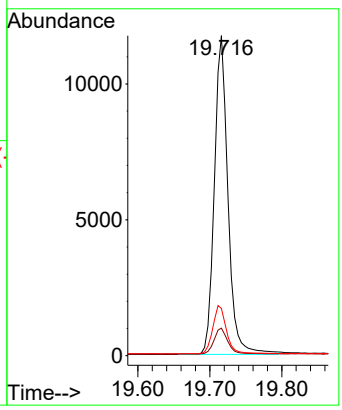


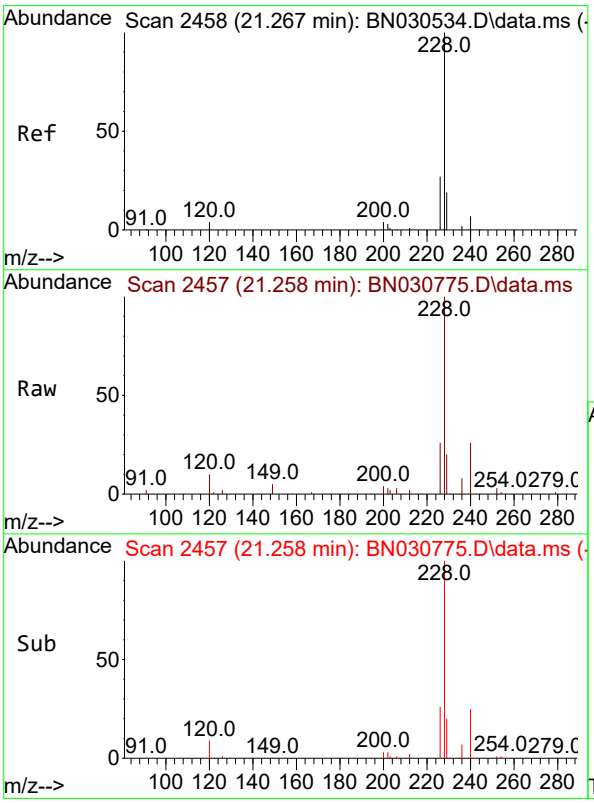
#31
Terphenyl-d14
Concen: 0.352 ng
RT: 19.716 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:244 Resp: 15374

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	14.7	12.7	19.1

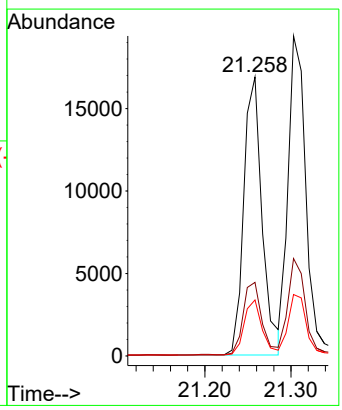


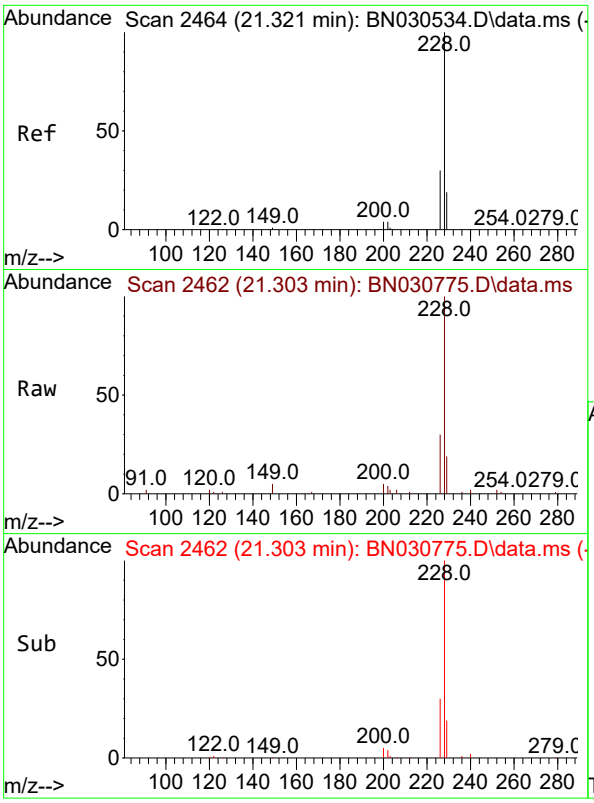


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:228 Resp: 25020

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	20.1	15.4	23.2



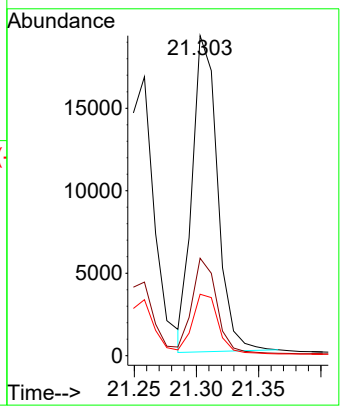


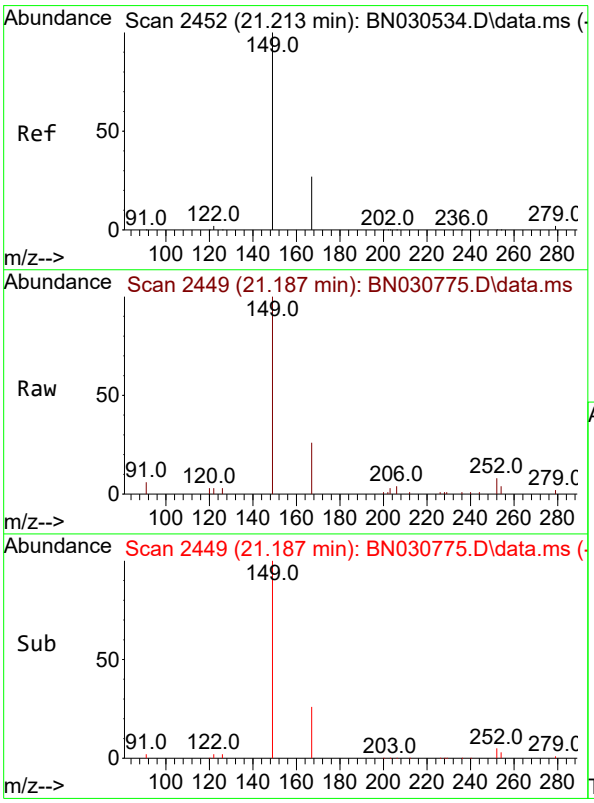
#33
Chrysene
Concen: 0.375 ng
RT: 21.303 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:228 Resp: 26972

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

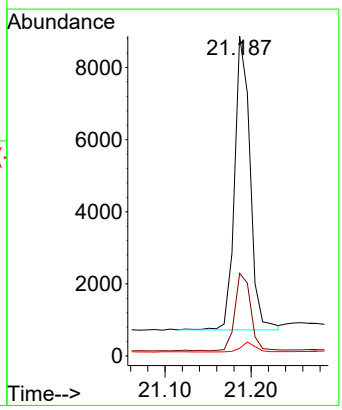


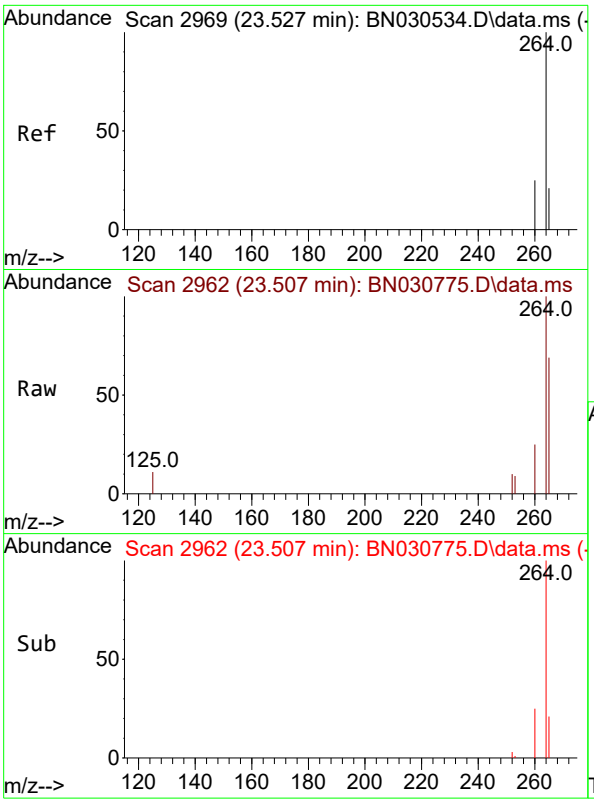


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:149 Resp: 10189

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.1	2.3	3.5



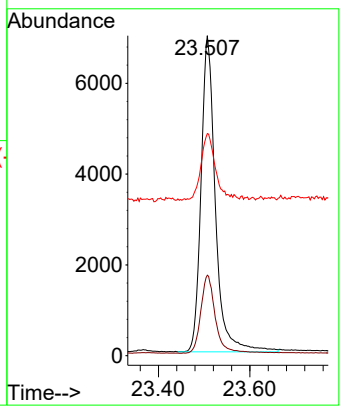


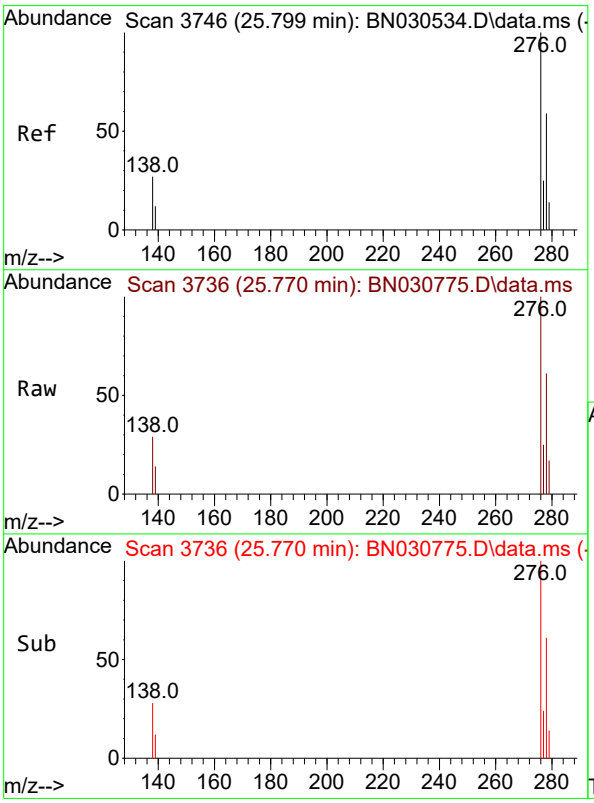
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:264 Resp: 15126

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	69.4	41.8	62.8#

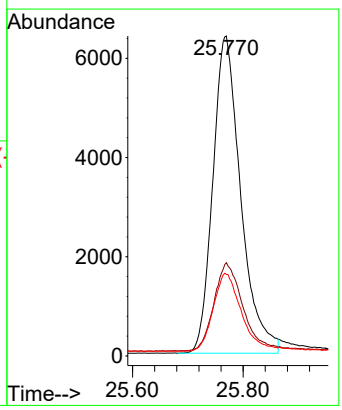


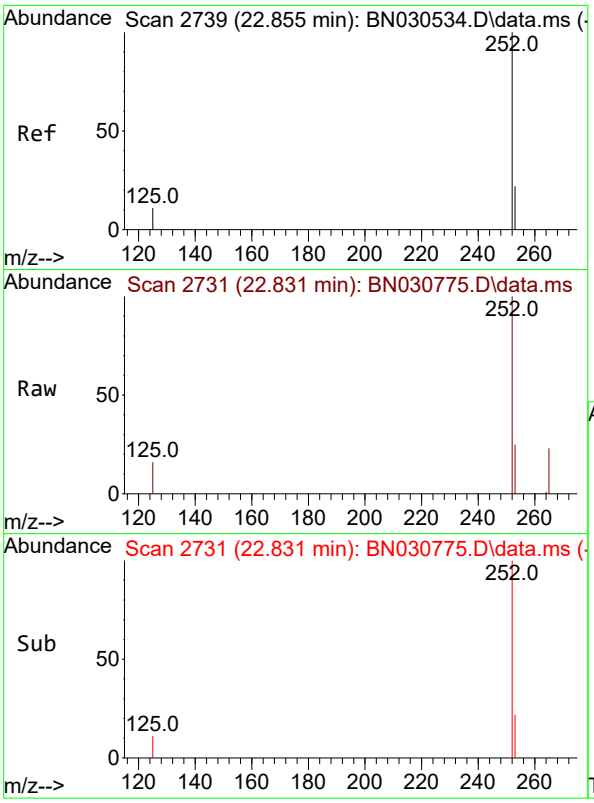


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng
RT: 25.770 min Scan# 3736
Delta R.T. -0.029 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:276 Resp: 22379

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	24.9	20.1	30.1



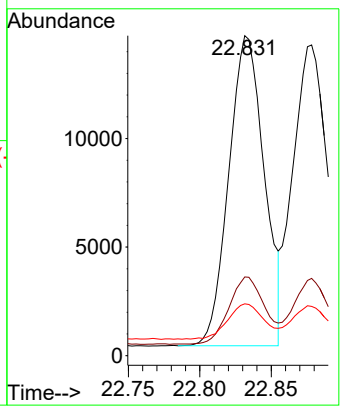


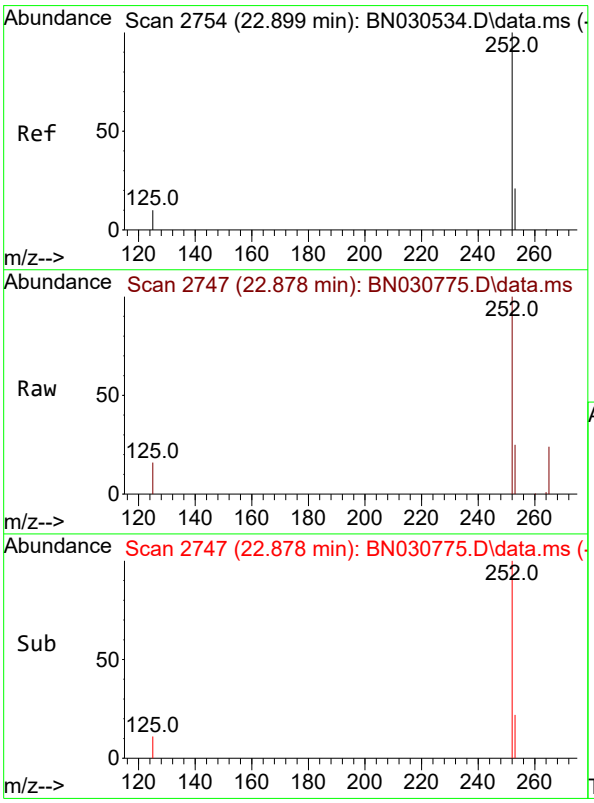
#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.831 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:252 Resp: 24625

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.2	28.8
125	16.2	11.7	17.5

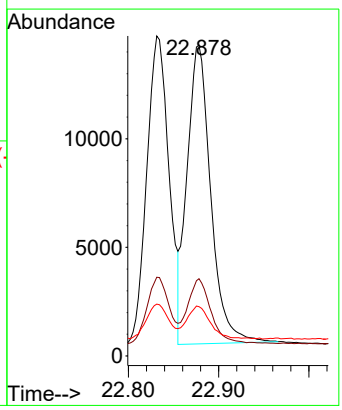


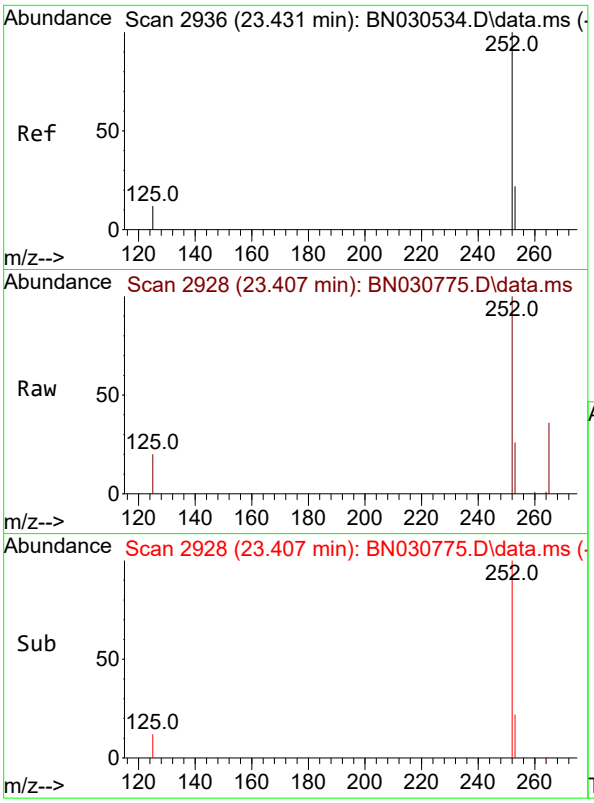


#38
Benzo(k)fluoranthene
Concen: 0.406 ng
RT: 22.878 min Scan# 2747
Delta R.T. -0.020 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:252 Resp: 25066

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	15.9	11.5	17.3



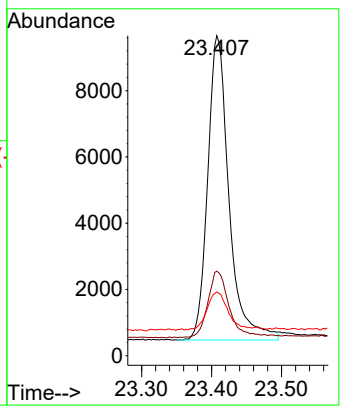


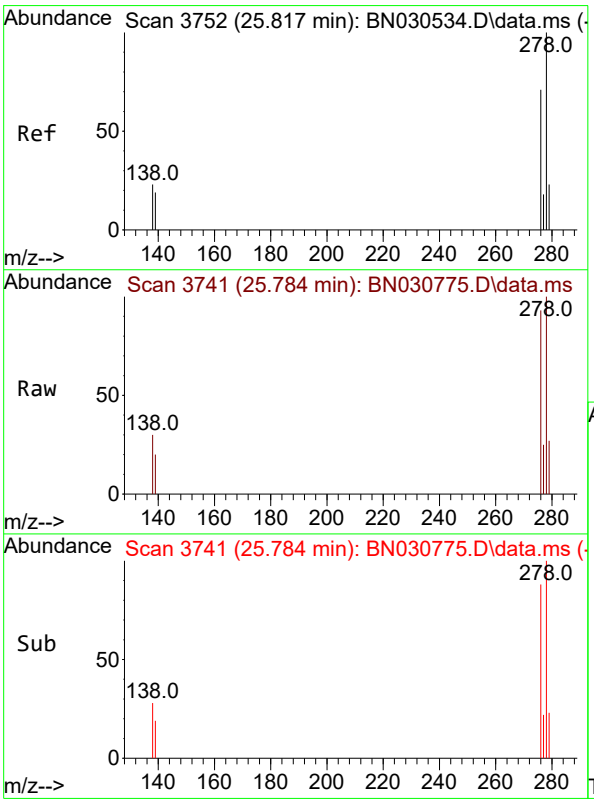
#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.407 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:252 Resp: 19388

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.0	30.0
125	19.9	14.3	21.5

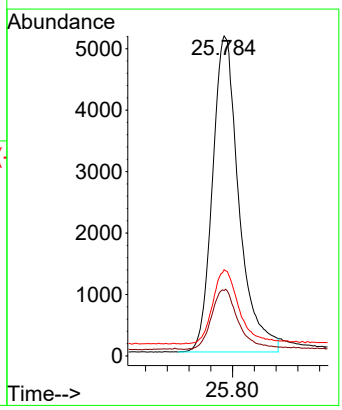


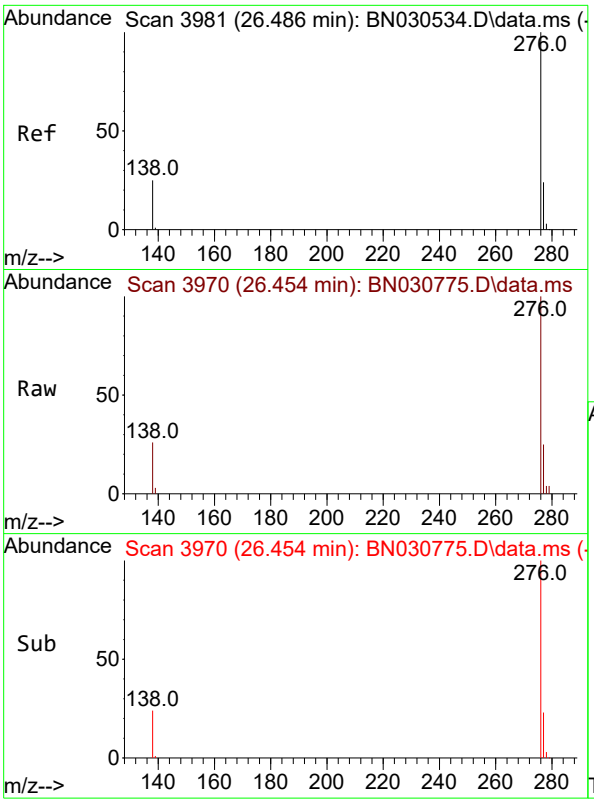


#40
Dibenzo(a,h)anthracene
Concen: 0.327 ng
RT: 25.784 min Scan# 3741
Delta R.T. -0.032 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Tgt Ion:278 Resp: 17350

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.2	24.2
279	27.0	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.332 ng
RT: 26.454 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN030775.D
Acq: 08 Apr 2024 19:00

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Tgt Ion:276 Resp: 18941

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	25.9	20.6	31.0