Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
Data File : BN025755.D
Acq On : 06 Jun 2023 15:35
Operator : CG/JU
Sample : PB153187BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Quant Time: Jun 07 05:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7703	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	21058	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	11166	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22107	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	10865	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	4668	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	7553	0.349	ng	0.00
5) Phenol-d6	7.167	99	9280	0.349	ng	0.00
8) Nitrobenzene-d5	9.180	82	7036	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.412	152	12265	0.405	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1175	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	20405	0.432	ng	0.00
27) Fluoranthene-d10	19.416	212	19107	0.420	ng	0.00
31) Terphenyl-d14	20.006	244	14584	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	2636	0.292	ng	# 86
3) n-Nitrosodimethylamine	3.737	42	3215	0.279	ng	# 94
6) bis(2-Chloroethyl)ether	7.427	93	8877	0.368	ng	95
9) Naphthalene	10.878	128	24157	0.384	ng	99
10) Hexachlorobutadiene	11.156	225	4576	0.473	ng	# 99
12) 2-Methylnaphthalene	12.483	142	15660	0.391	ng	99
16) Acenaphthylene	14.363	152	19523	0.363	ng	100
17) Acenaphthene	14.705	154	14706	0.417	ng	99
18) Fluorene	15.680	166	18825	0.415	ng	98
20) 4,6-Dinitro-2-methylph...	15.780	198	1425	0.357	ng	92
21) 4-Bromophenyl-phenylether	16.574	248	5406	0.422	ng	96
22) Hexachlorobenzene	16.698	284	5669	0.517	ng	90
23) Atrazine	17.046	200	577	0.055	ng	# 76
24) Pentachlorophenol	17.046	266	2824	0.691	ng	98
25) Phenanthrene	17.431	178	27632	0.407	ng	99
26) Anthracene	17.517	178	23689	0.381	ng	99
28) Fluoranthene	19.444	202	27465	0.410	ng	99
30) Pyrene	19.807	202	24920	0.405	ng	100
32) Benzo(a)anthracene	21.560	228	16999	0.405	ng	98
33) Chrysene	21.605	228	19198	0.432	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	11762	0.471	ng	100
36) Indeno(1,2,3-cd)pyrene	26.645	276	12721	0.630	ng	98
37) Benzo(b)fluoranthene	23.291	252	15509	0.842	ng	96
38) Benzo(k)fluoranthene	23.341	252	13793	0.733	ng	94
39) Benzo(a)pyrene	23.943	252	8768	0.503	ng	# 82
40) Dibenzo(a,h)anthracene	26.659	278	12423	0.767	ng	96
41) Benzo(g,h,i)perylene	27.434	276	11441	0.632	ng	98

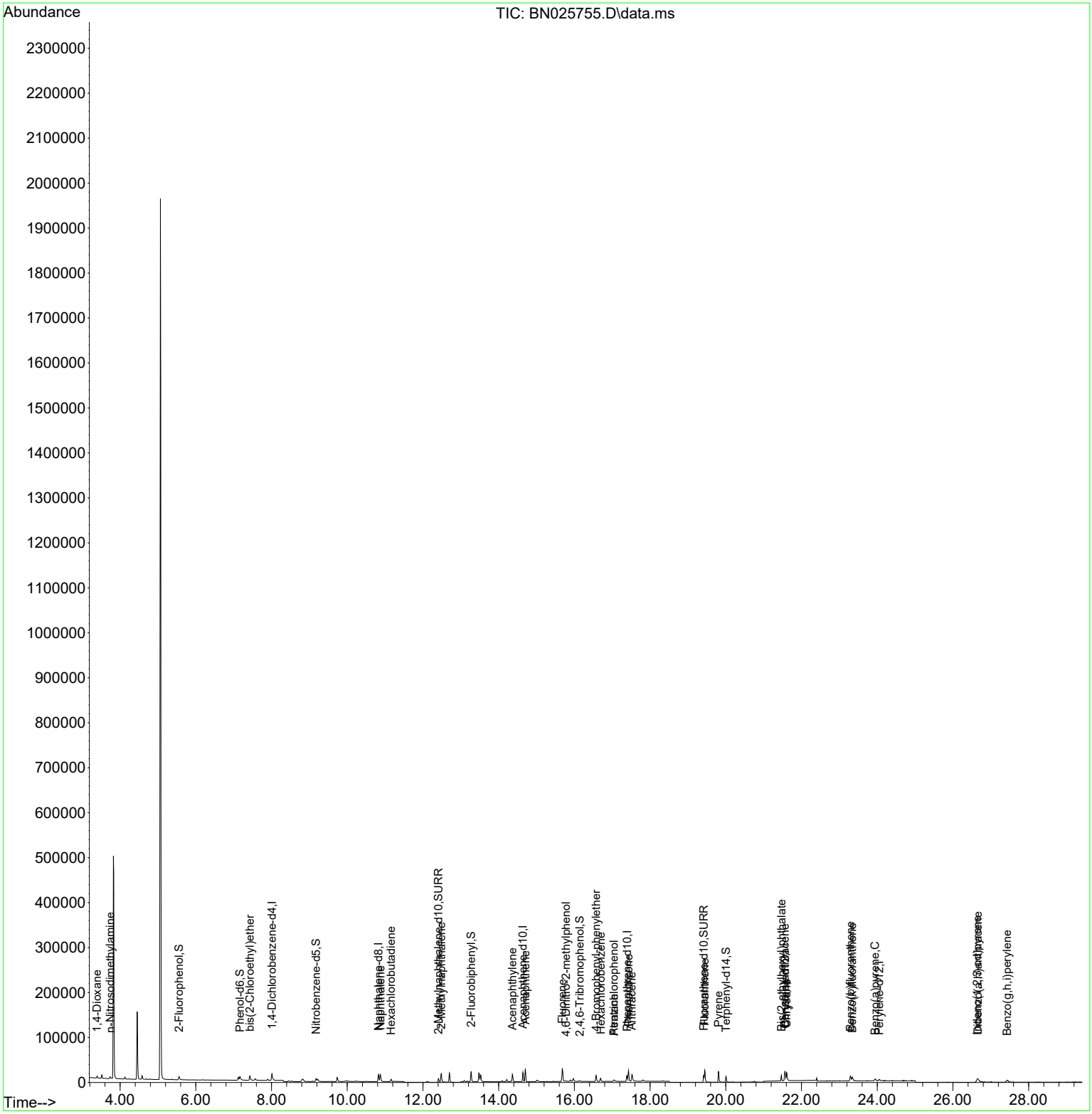
(#) = qualifier out of range (m) = manual integration (+) = signals summed

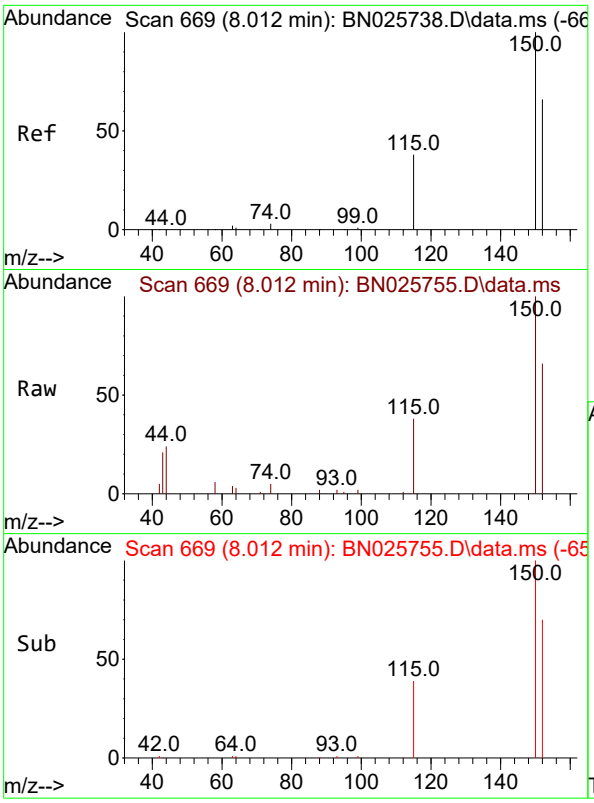
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060623\
Data File : BN025755.D
Acq On : 06 Jun 2023 15:35
Operator : CG/JU
Sample : PB153187BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Quant Time: Jun 07 05:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration



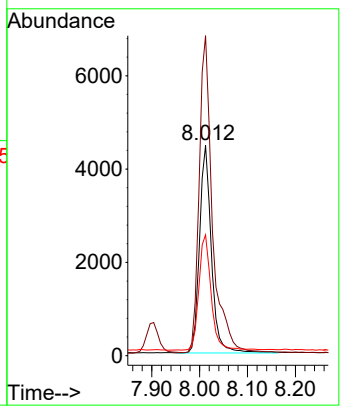


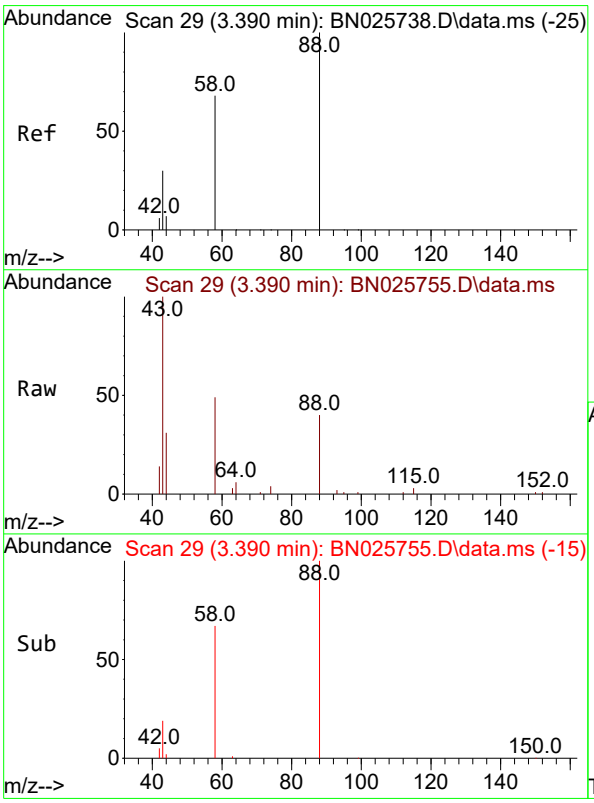
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:152 Resp: 7703

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.5	182.3
115	57.4	47.7	71.5

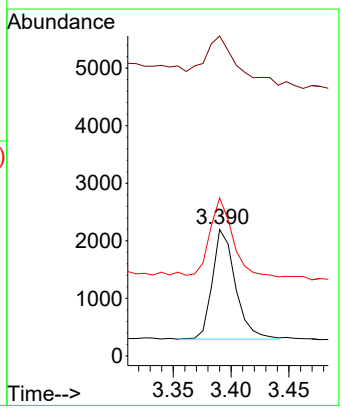


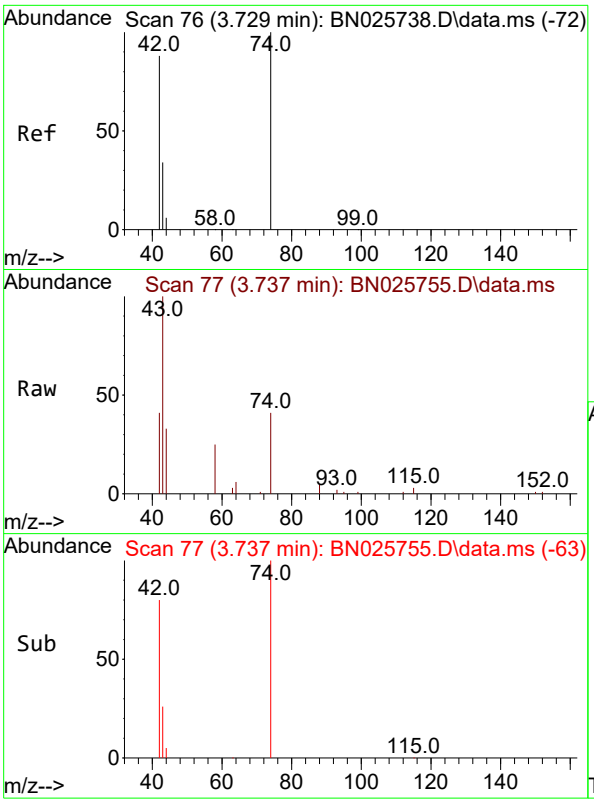


#2
1,4-Dioxane
Concen: 0.292 ng
RT: 3.390 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion: 88 Resp: 2636

Ion	Ratio	Lower	Upper
88	100		
43	63.2	31.0	46.4#
58	71.2	57.3	85.9



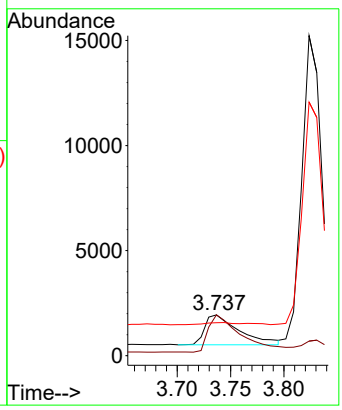


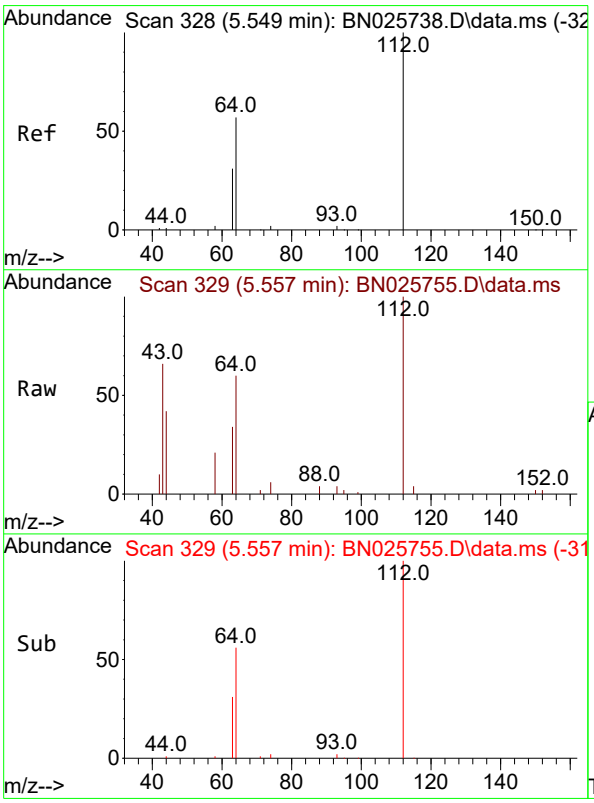
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.737 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion: 42 Resp: 3215

Ion	Ratio	Lower	Upper
42	100		
74	119.4	90.5	135.7
44	0.0	4.4	6.6#

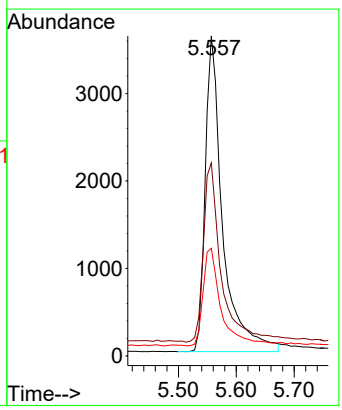


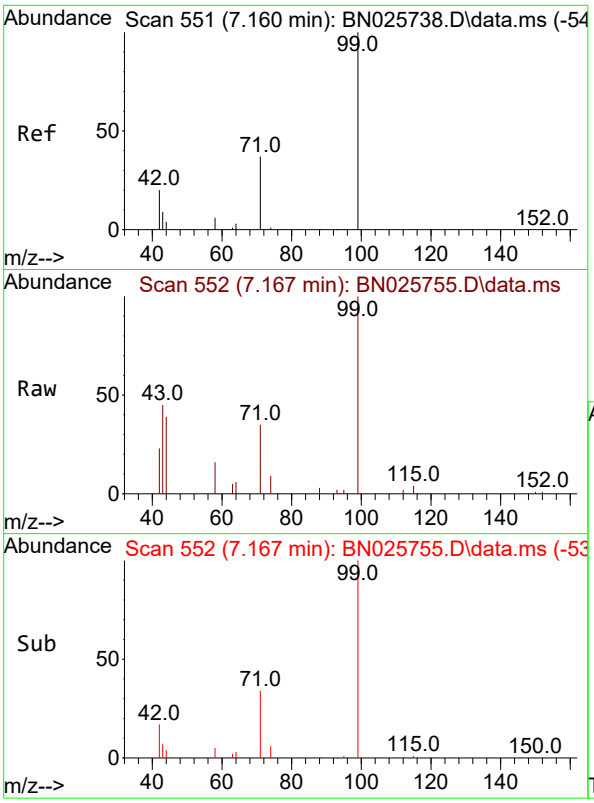


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:112 Resp: 7553

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.5	71.3
63	31.9	26.2	39.4



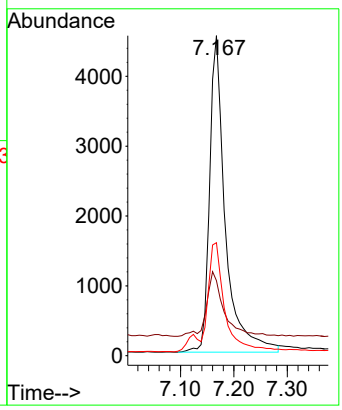


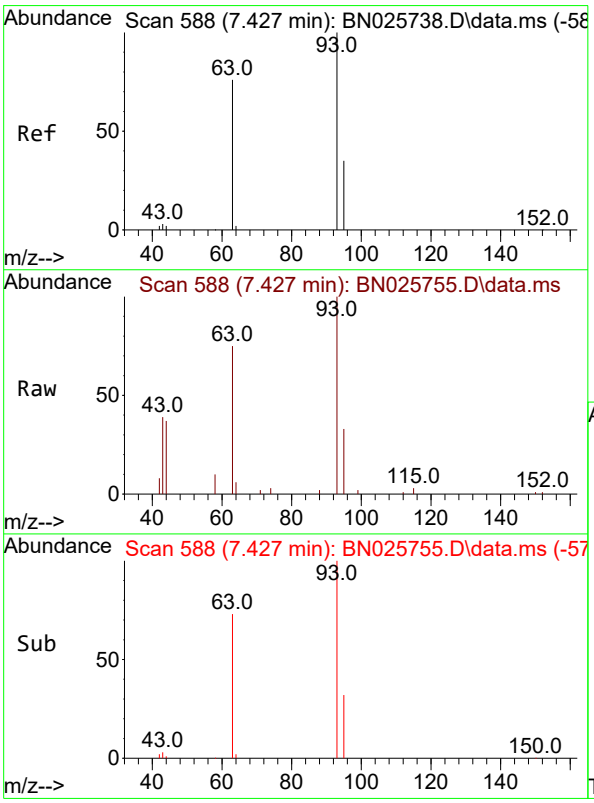
#5
Phenol-d6
Concen: 0.349 ng
RT: 7.167 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion: 99 Resp: 9280

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.6	28.0
71	33.7	30.5	45.7

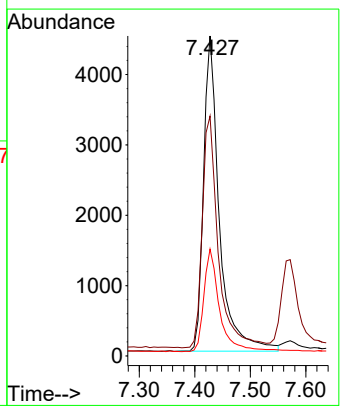


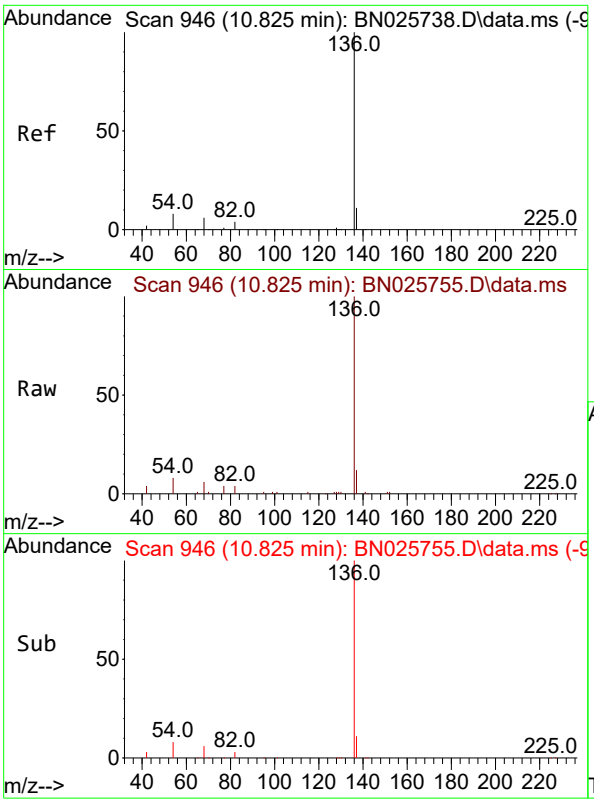


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.427 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion: 93 Resp: 8877

Ion	Ratio	Lower	Upper
93	100		
63	74.5	56.4	84.6
95	32.9	24.6	37.0



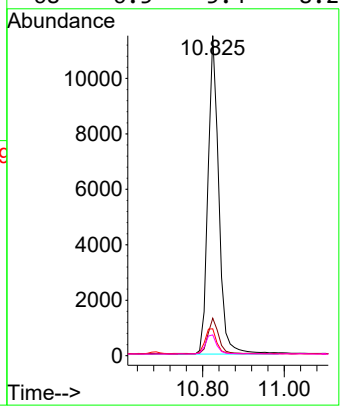


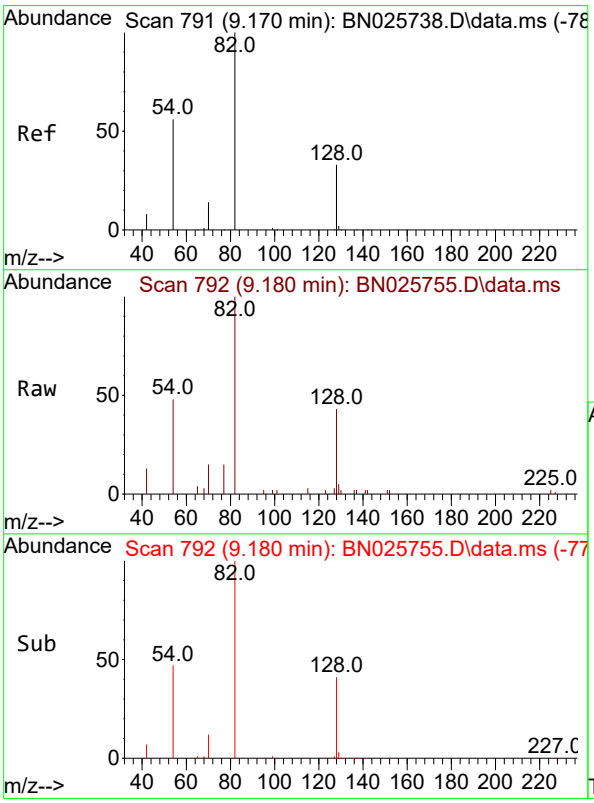
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:136 Resp: 21058

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	8.4	7.2	10.8
68	6.5	5.4	8.2

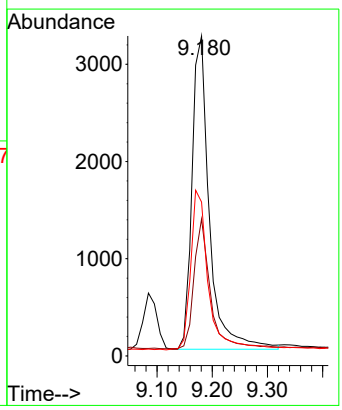


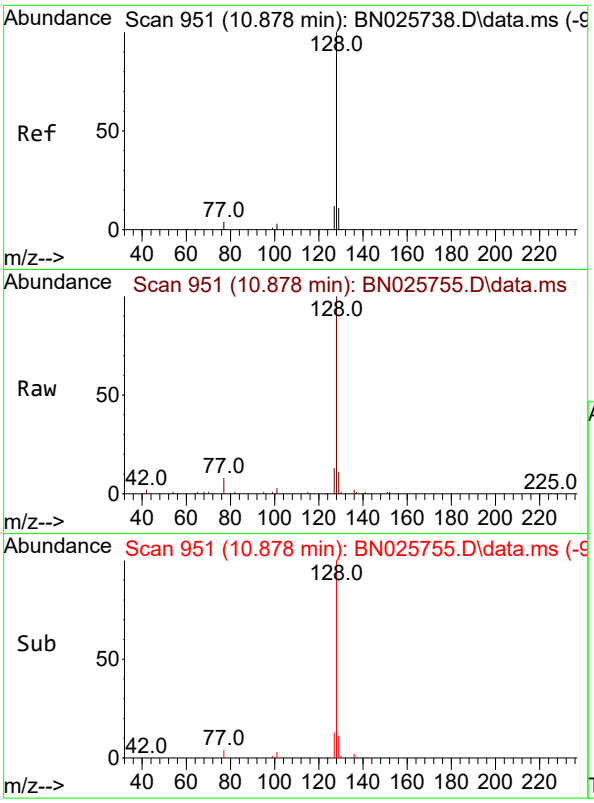


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.180 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion: 82 Resp: 7036

Ion	Ratio	Lower	Upper
82	100		
128	42.8	27.6	41.4#
54	48.1	45.7	68.5



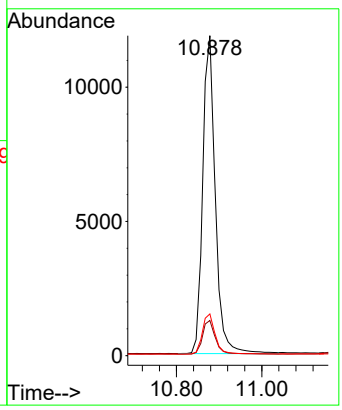


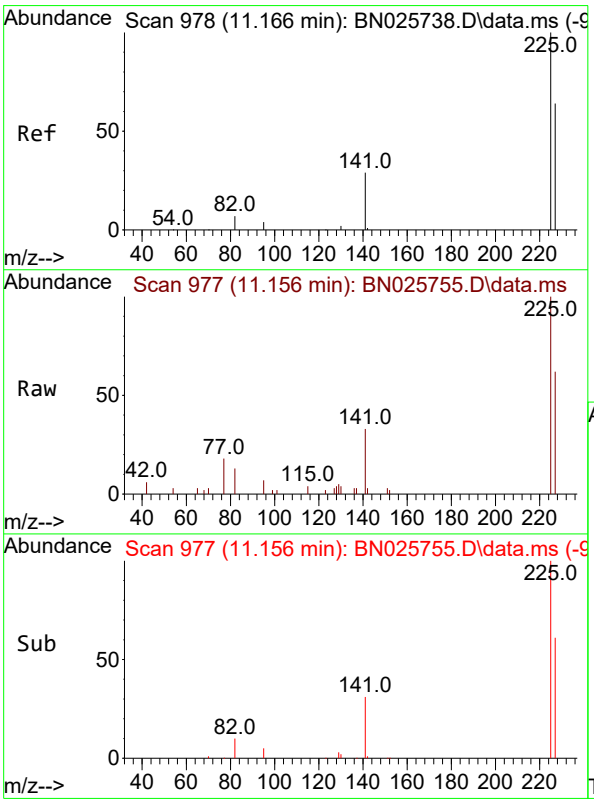
#9
Naphthalene
Concen: 0.384 ng
RT: 10.878 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:128 Resp: 24157

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.0	10.3	15.5

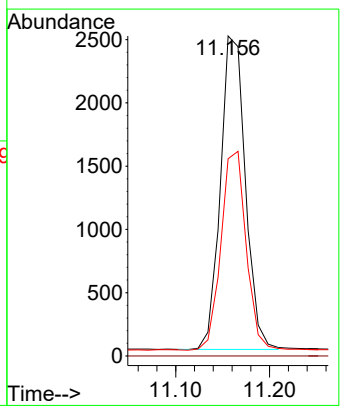


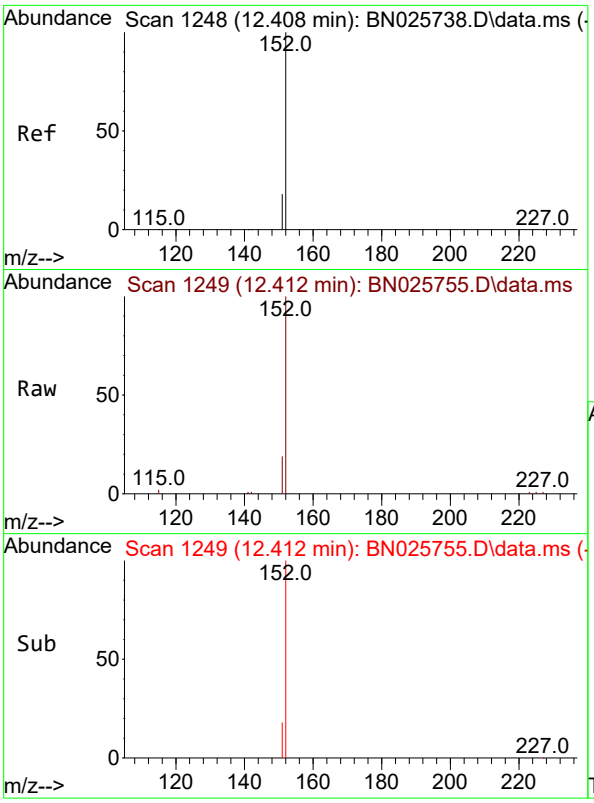


#10
Hexachlorobutadiene
Concen: 0.473 ng
RT: 11.156 min Scan# 977
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:225 Resp: 4576

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.4	75.6



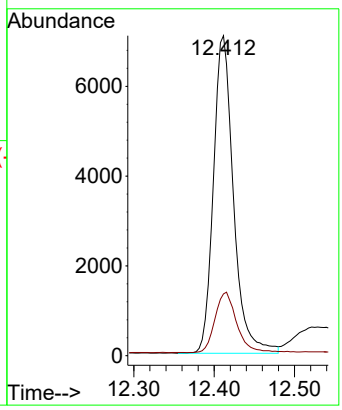


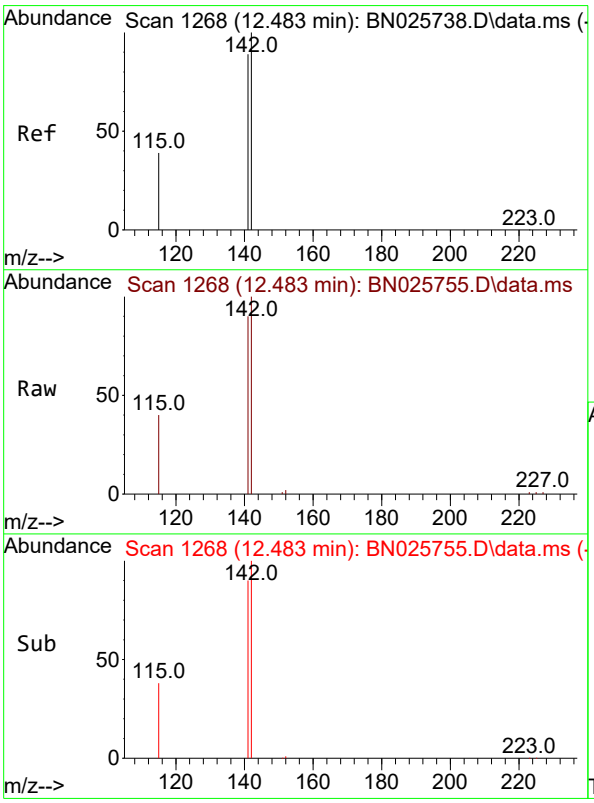
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.412 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:152 Resp: 12265

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

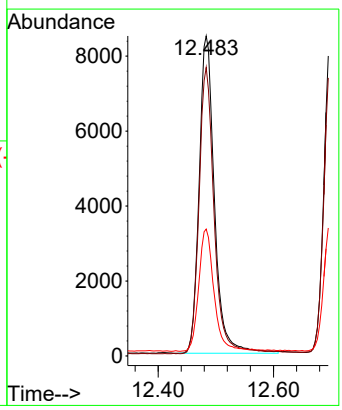


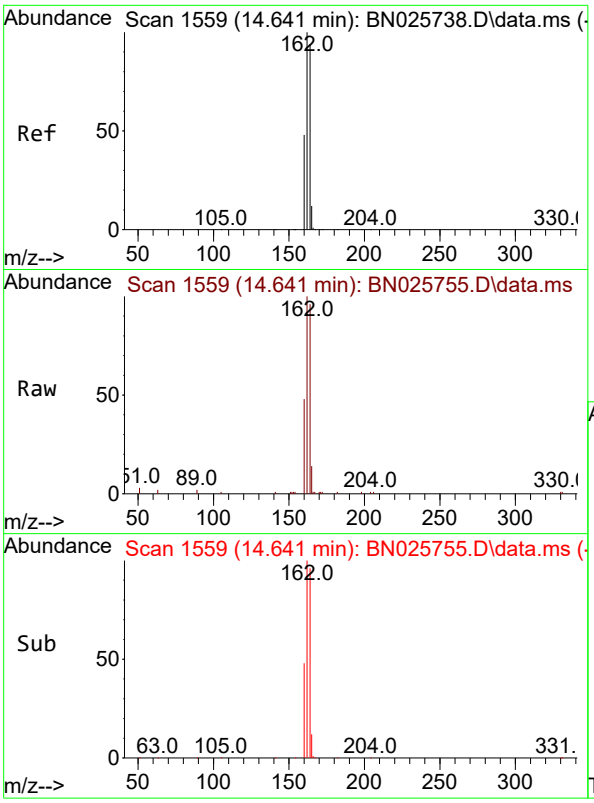


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.483 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:142 Resp: 15660

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	39.6	31.7	47.5



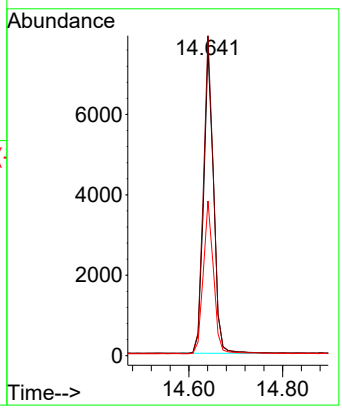


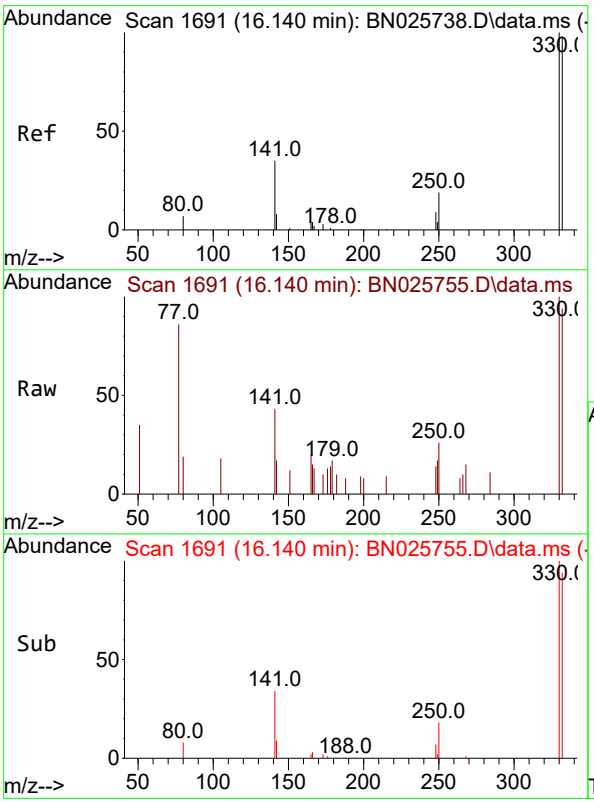
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:164 Resp: 11166

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.0	127.6
160	50.6	41.1	61.7

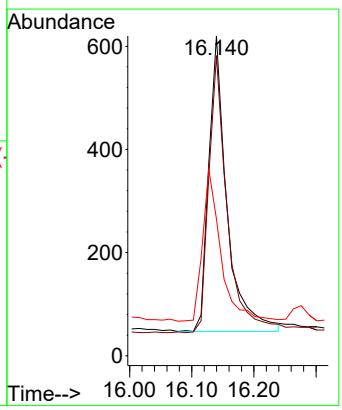


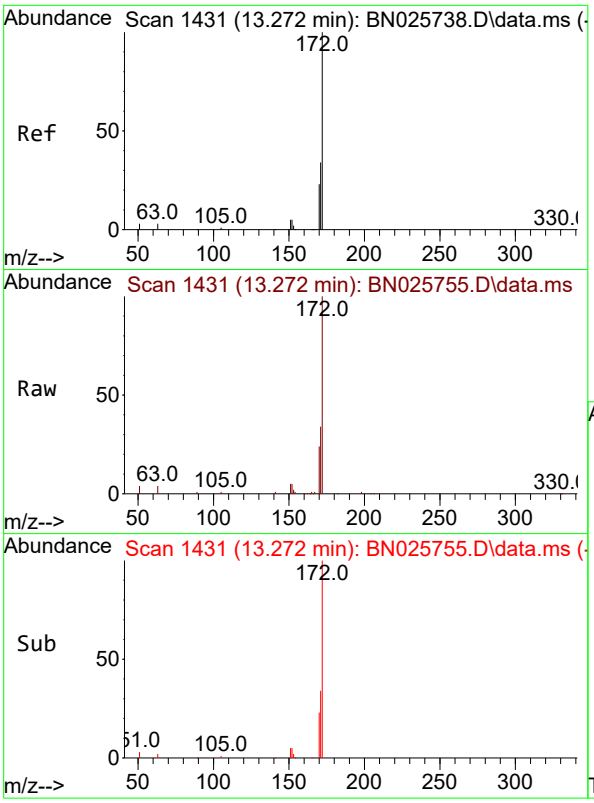


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:330 Resp: 1175

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.3	115.9
141	51.0	55.0	82.6#



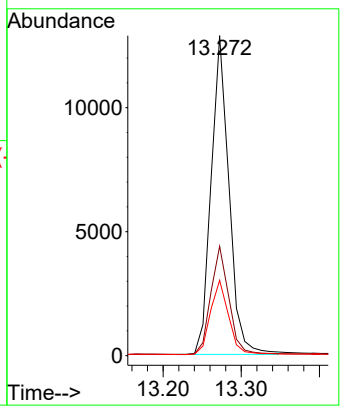


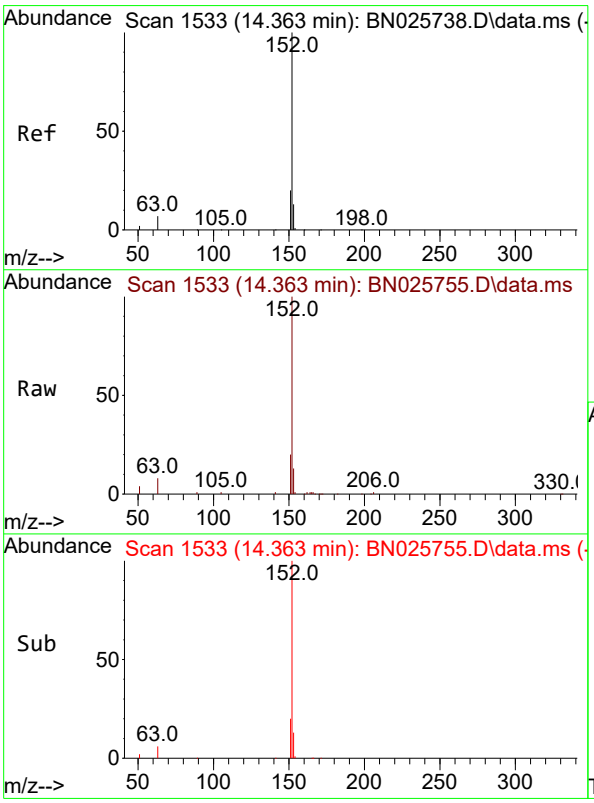
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.272 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:172 Resp: 20405

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	23.5	18.6	28.0

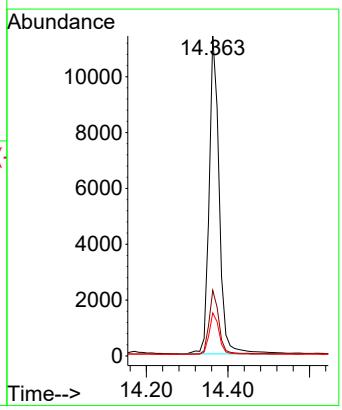


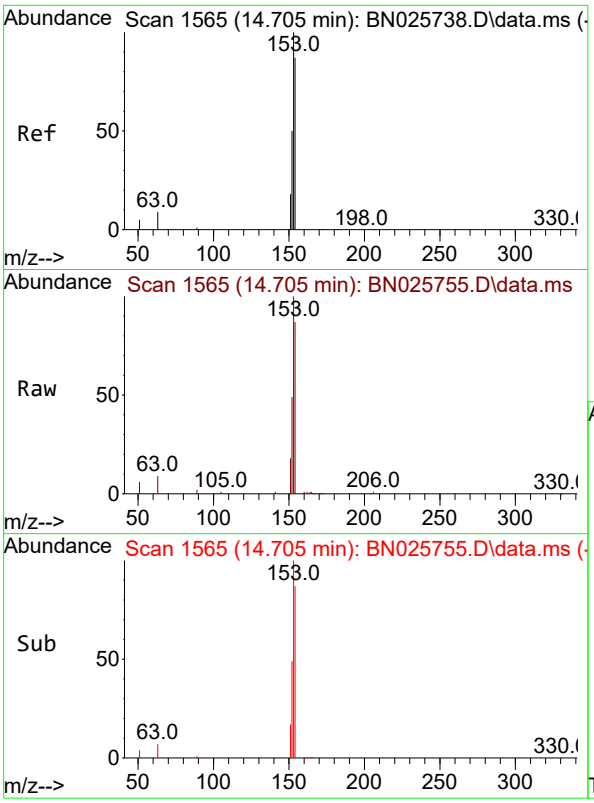


#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.363 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:152 Resp: 19523

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0
153	13.2	10.4	15.6



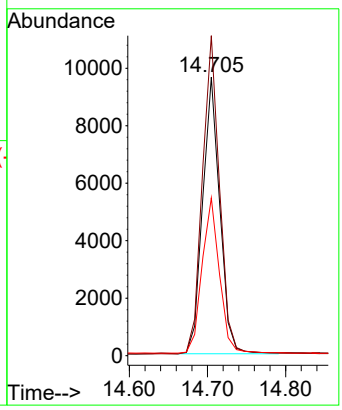


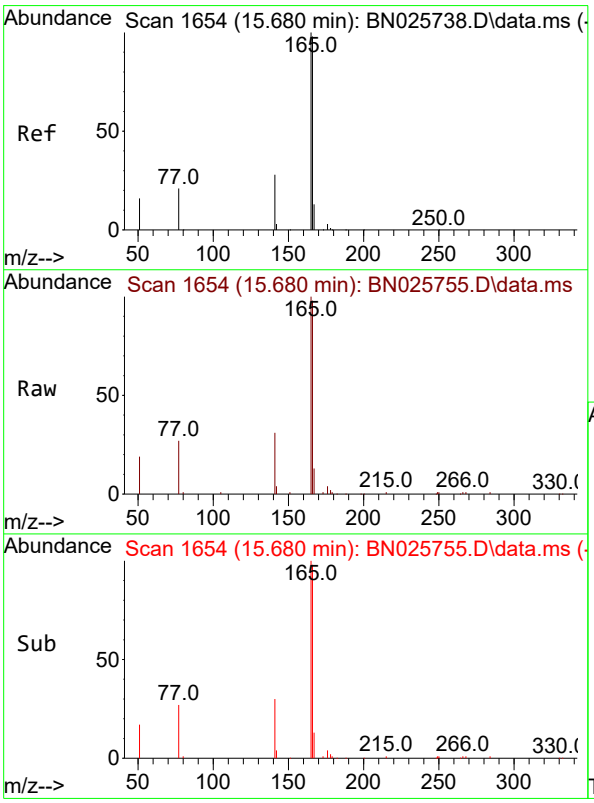
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:154 Resp: 14706

Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.0	139.6
152	57.0	46.5	69.7

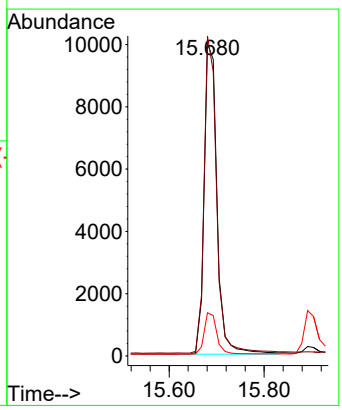


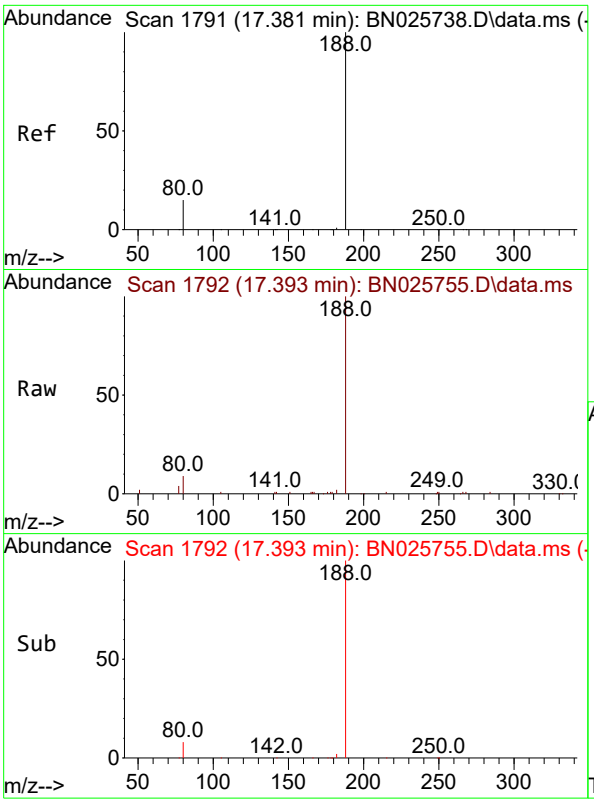


#18
Fluorene
Concen: 0.415 ng
RT: 15.680 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:166 Resp: 18825

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.1	120.1
167	13.3	10.7	16.1



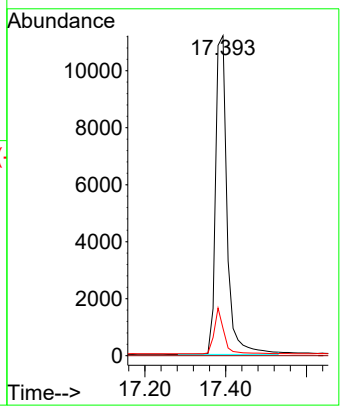


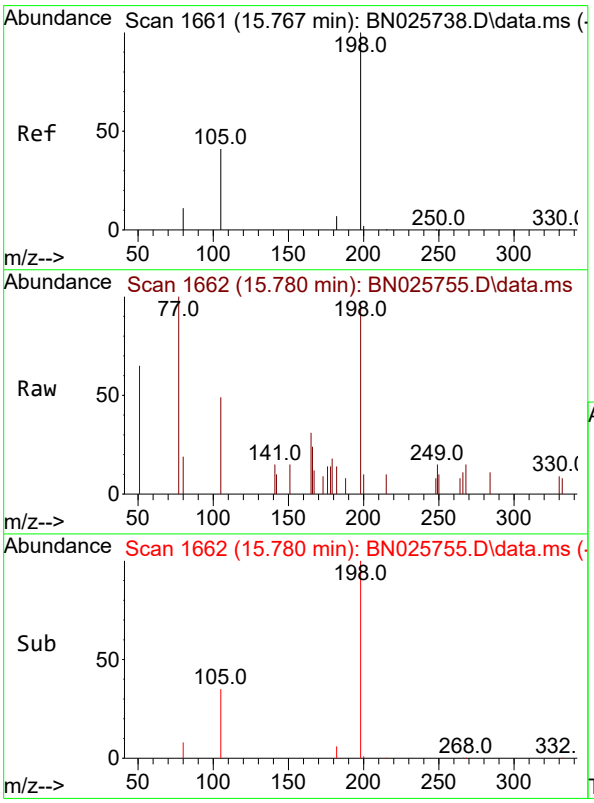
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:188 Resp: 22107

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	12.1	18.1#

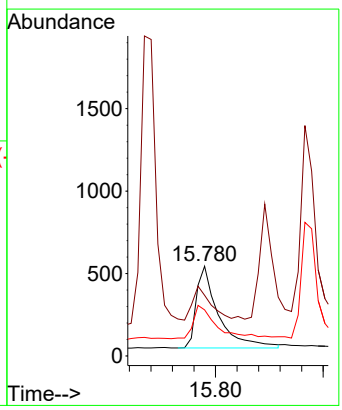


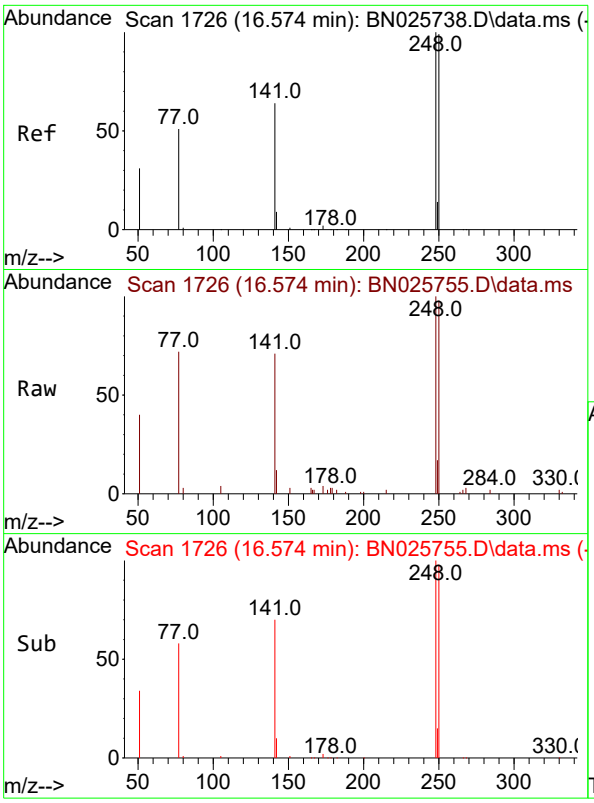


#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.780 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:198 Resp: 1425

Ion	Ratio	Lower	Upper
198	100		
51	67.5	62.7	94.1
105	51.4	42.2	63.4



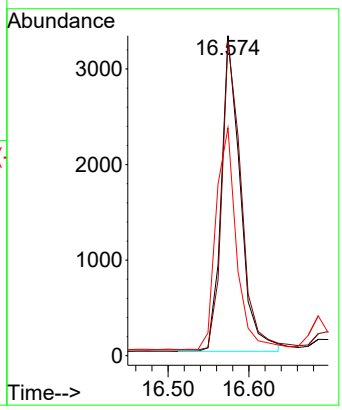


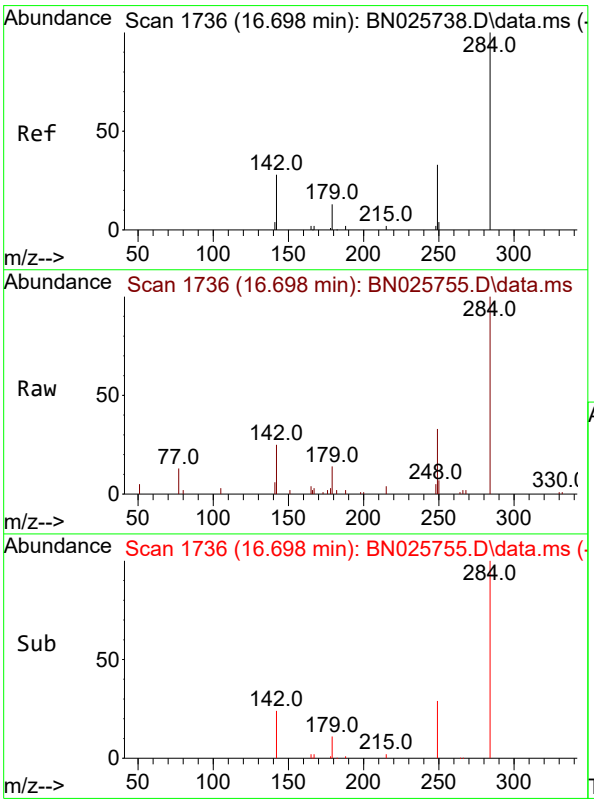
#21
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:248 Resp: 5406

Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.1	118.7
141	71.2	51.9	77.9

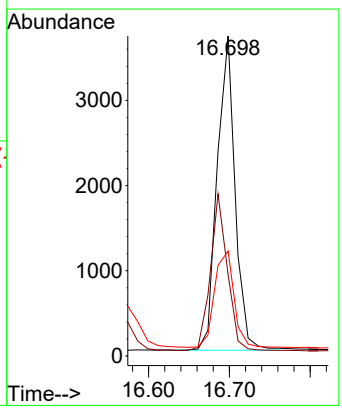


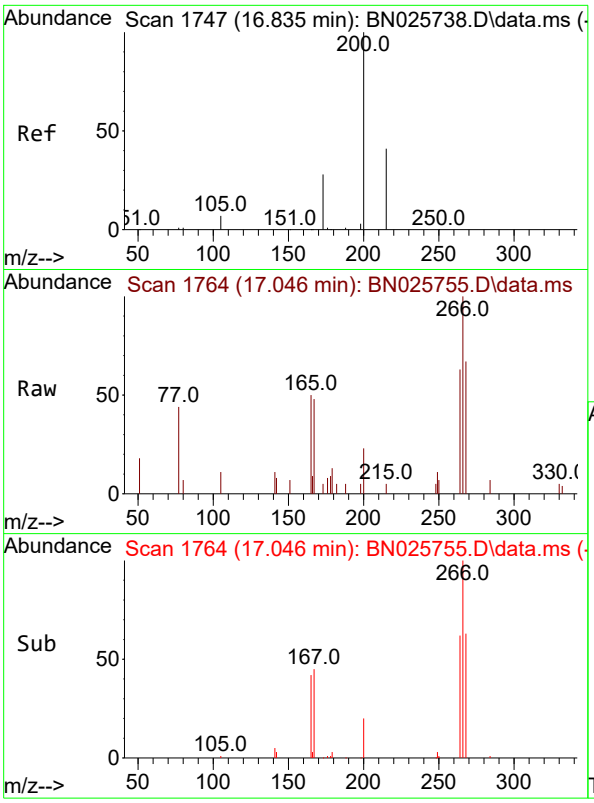


#22
Hexachlorobenzene
Concen: 0.517 ng
RT: 16.698 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:284 Resp: 5669

Ion	Ratio	Lower	Upper
284	100		
142	46.9	45.0	67.4
249	33.2	29.6	44.4



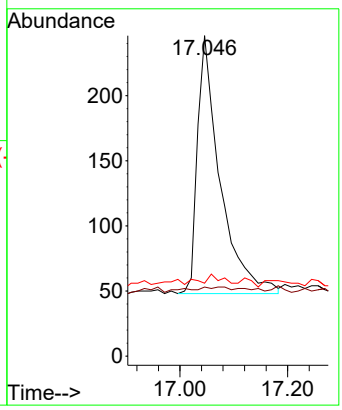


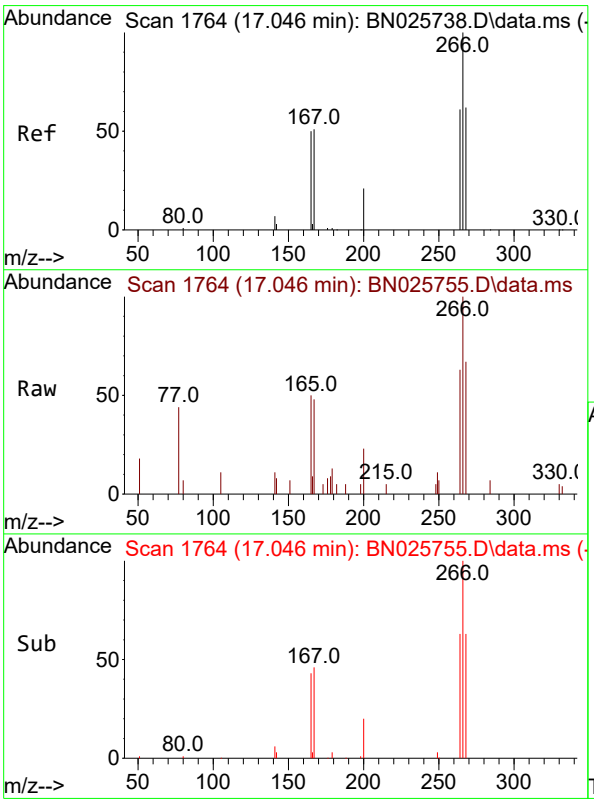
#23
Atrazine
Concen: 0.055 ng
RT: 17.046 min Scan# 1
Delta R.T. 0.211 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:200 Resp: 577

Ion	Ratio	Lower	Upper
200	100		
173	21.5	23.8	35.6#
215	22.8	33.8	50.6#

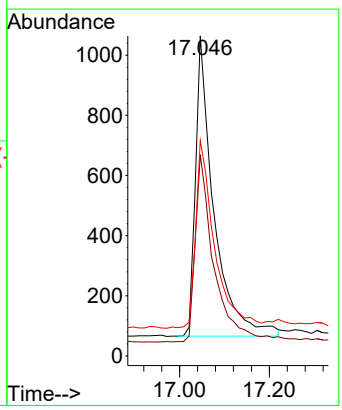


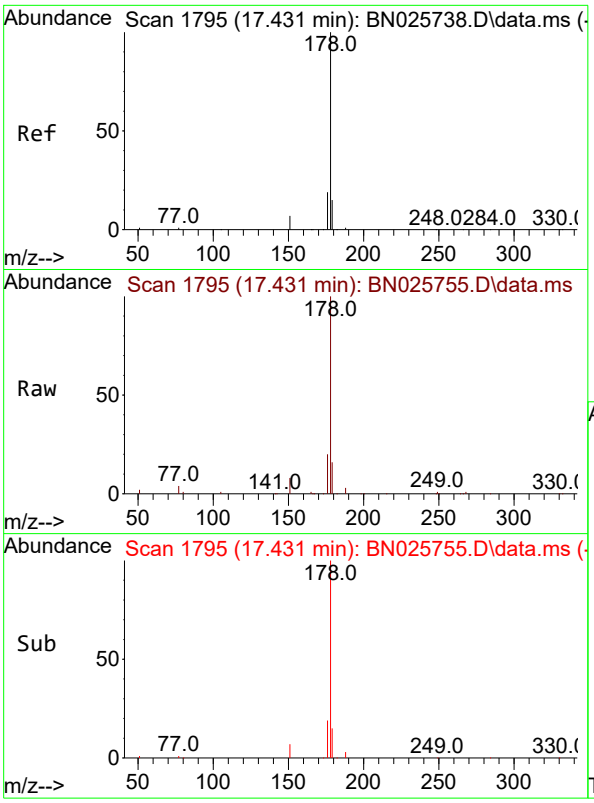


#24
Pentachlorophenol
Concen: 0.691 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:266 Resp: 2824

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.6	73.0
268	64.0	51.8	77.6



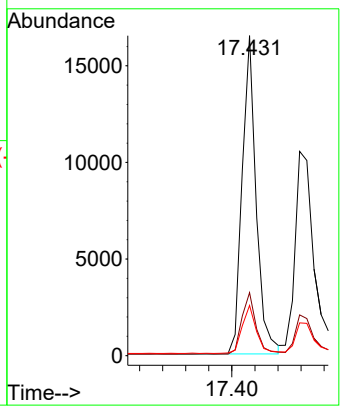


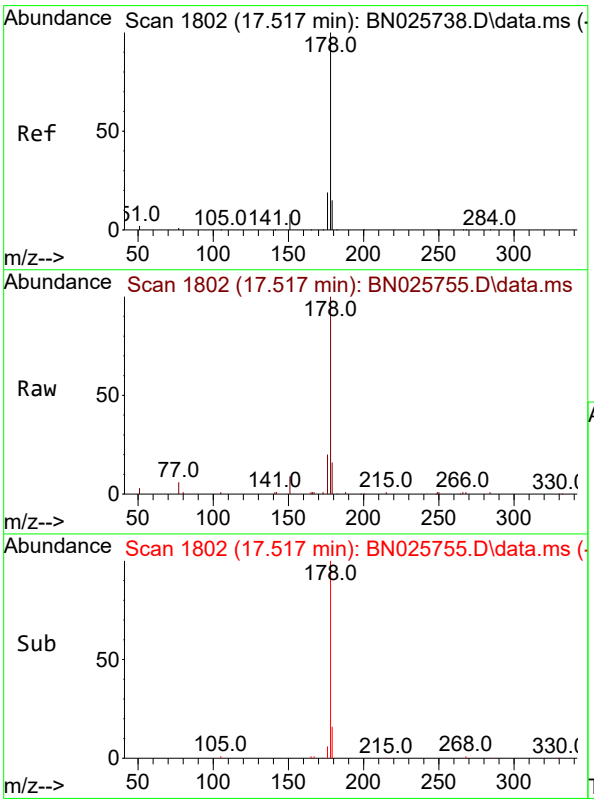
#25
Phenanthrene
Concen: 0.407 ng
RT: 17.431 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:178 Resp: 27632

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.2	18.2

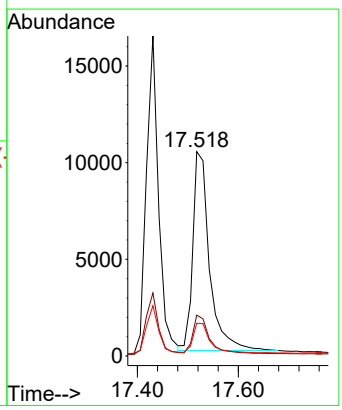


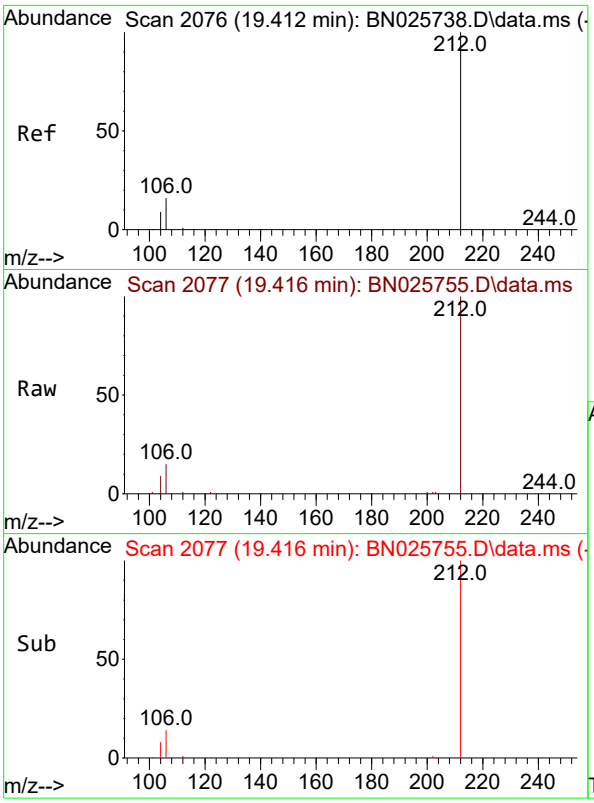


#26
Anthracene
Concen: 0.381 ng
RT: 17.517 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:178 Resp: 23689

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	14.9	12.2	18.2



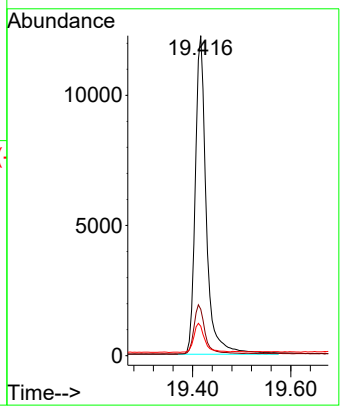


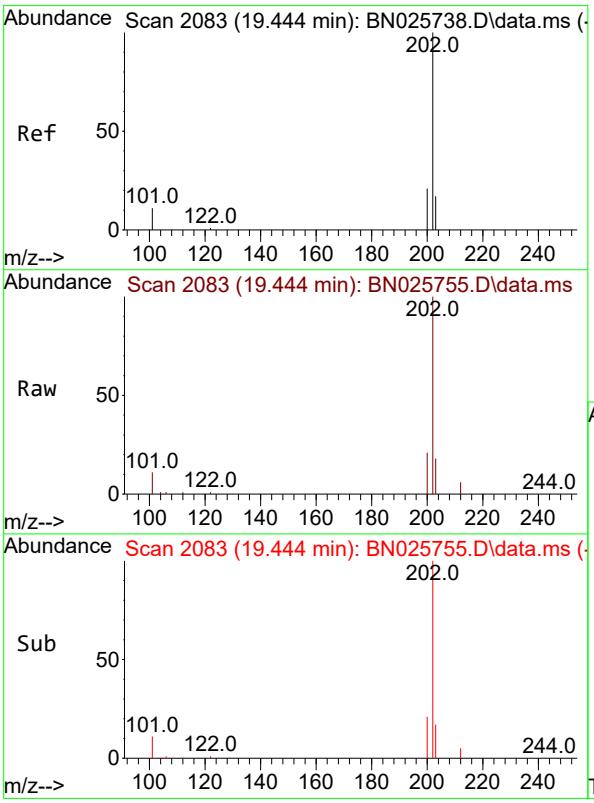
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.416 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:212 Resp: 19107

Ion	Ratio	Lower	Upper
212	100		
106	15.3	13.0	19.6
104	9.0	7.7	11.5

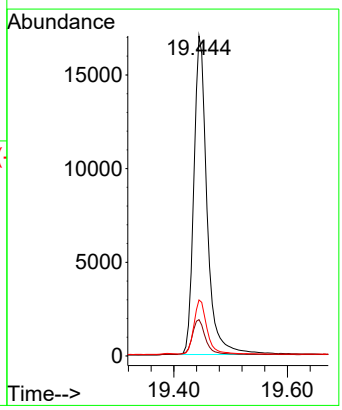


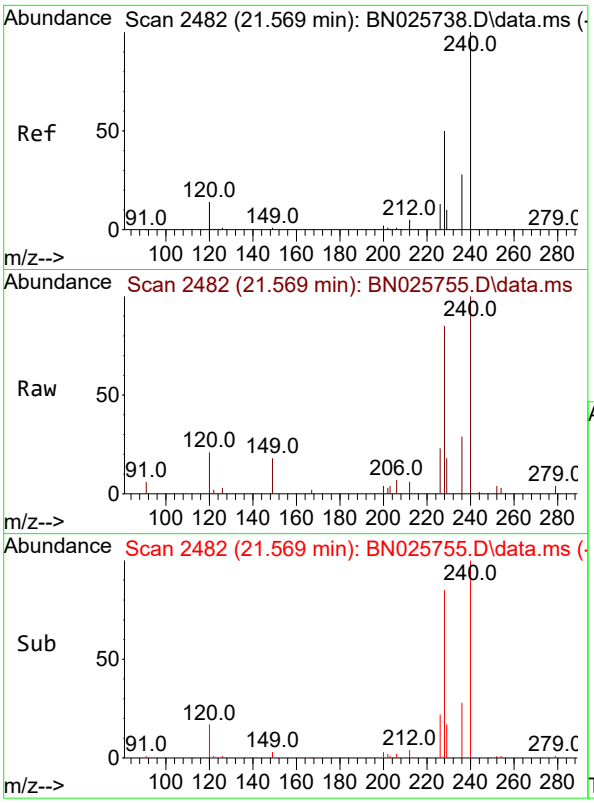


#28
Fluoranthene
Concen: 0.410 ng
RT: 19.444 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:202 Resp: 27465

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
203	16.9	13.4	20.2



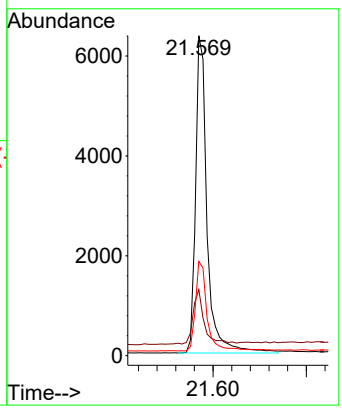


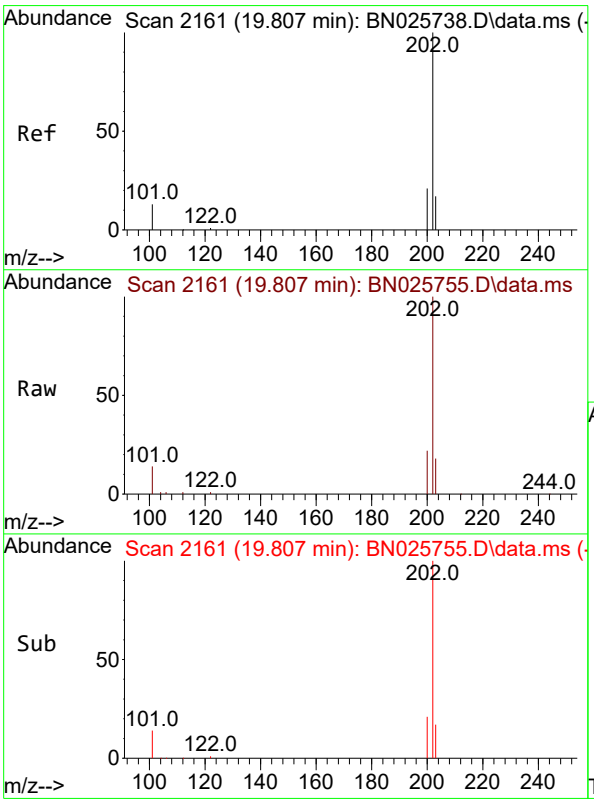
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:240 Resp: 10865

Ion	Ratio	Lower	Upper
240	100		
120	20.7	13.2	19.8#
236	29.5	23.1	34.7

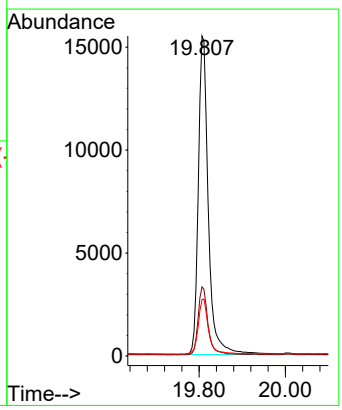


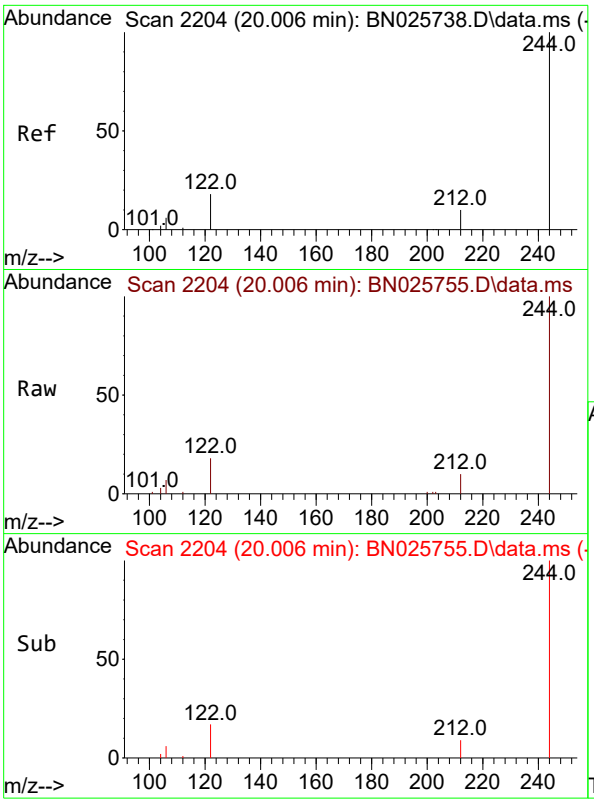


#30
Pyrene
Concen: 0.405 ng
RT: 19.807 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:202 Resp: 24920

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.6	14.2	21.2



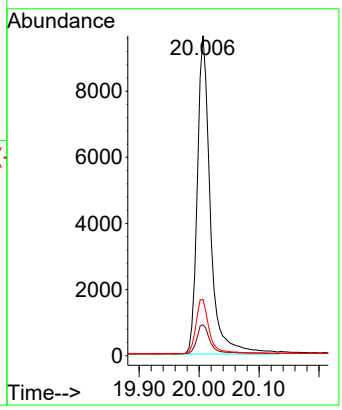


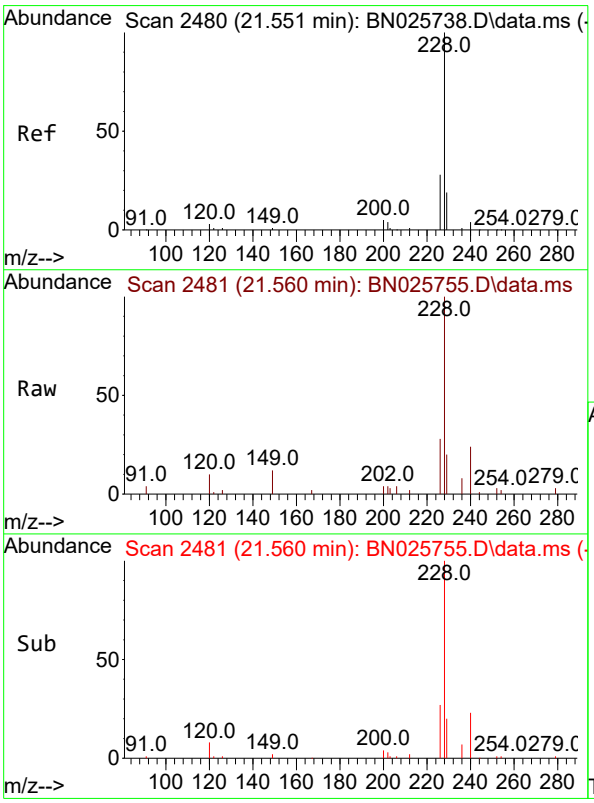
#31
Terphenyl-d14
Concen: 0.553 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:244 Resp: 14584

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	12.8
122	17.6	15.2	22.8

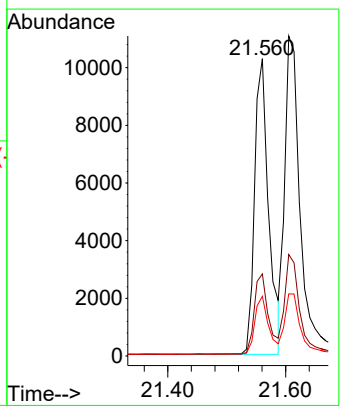


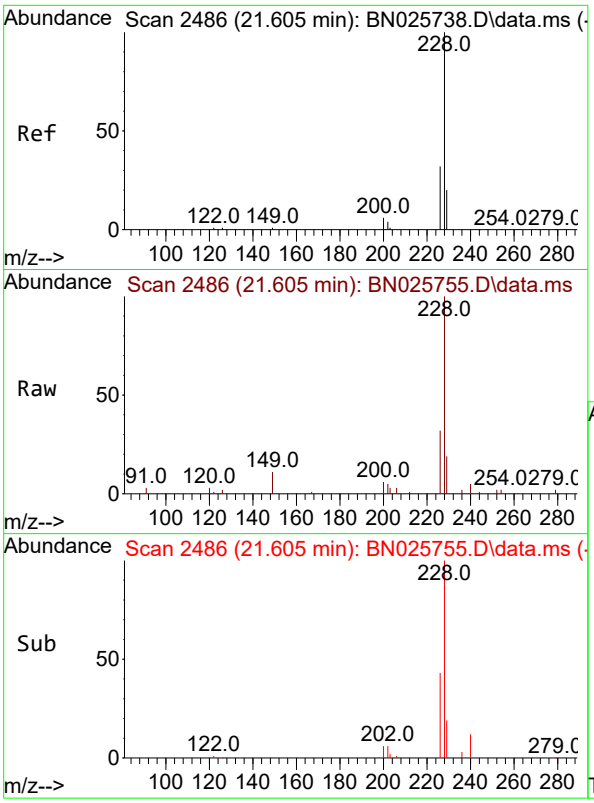


#32
Benzo(a)anthracene
Concen: 0.405 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.009 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:228 Resp: 16999

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.9	34.3
229	20.1	15.6	23.4



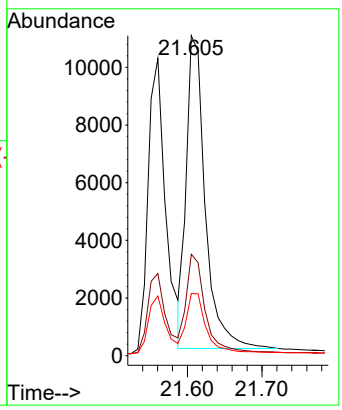


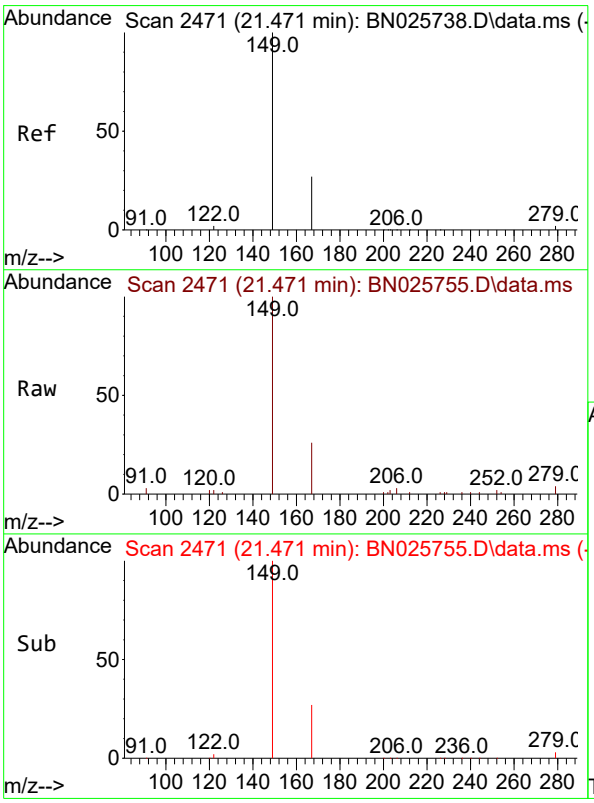
#33
Chrysene
Concen: 0.432 ng
RT: 21.605 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:228 Resp: 19198

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.2
229	19.4	16.1	24.1

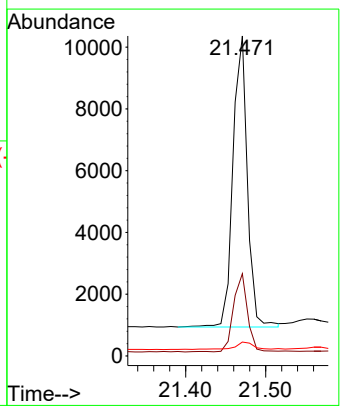


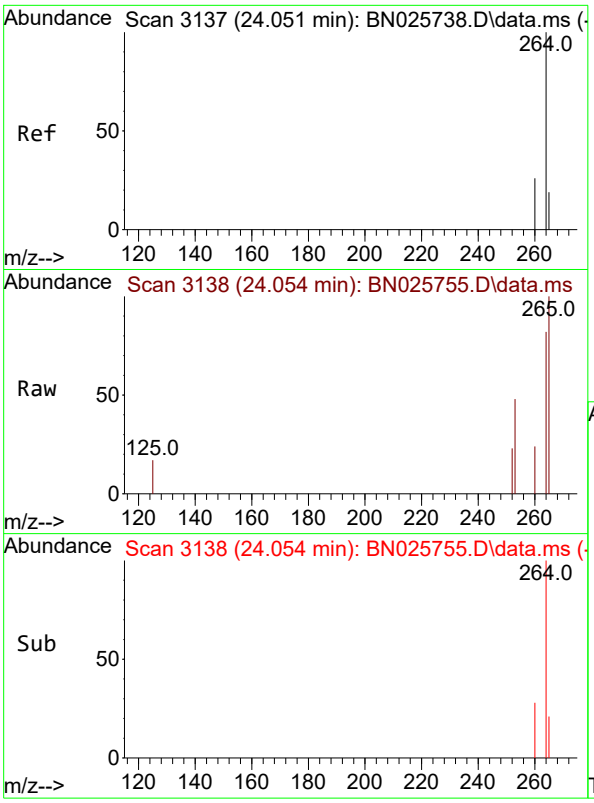


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.471 ng
RT: 21.471 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:149 Resp: 11762

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.6
279	3.3	2.2	3.4



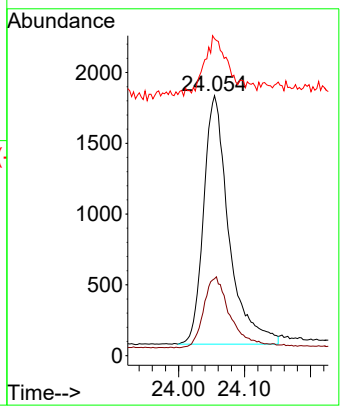


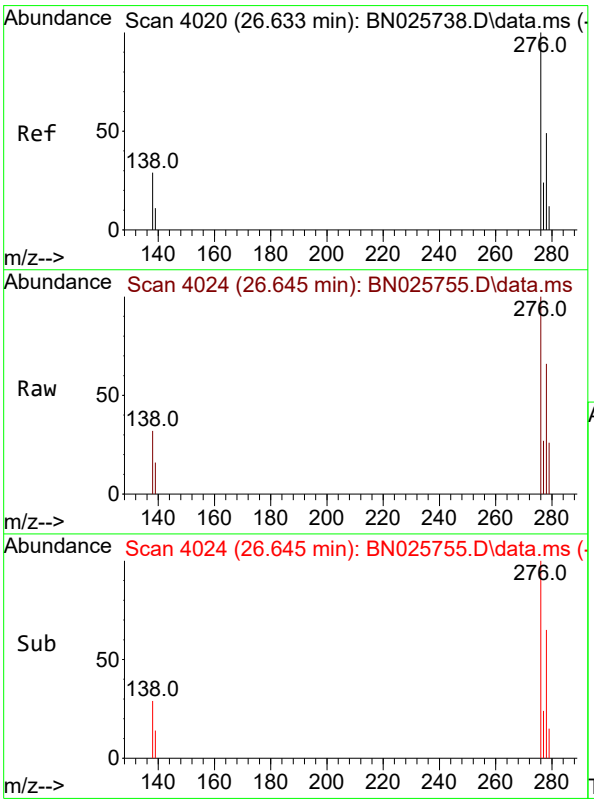
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.054 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:264 Resp: 4668

Ion	Ratio	Lower	Upper
264	100		
260	29.6	21.4	32.2
265	121.9	44.7	67.1#

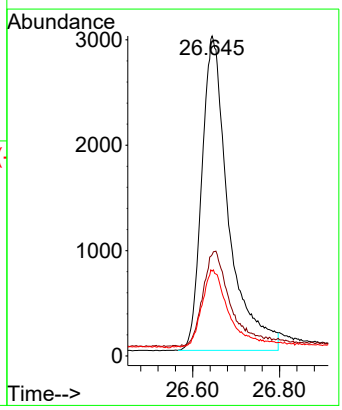


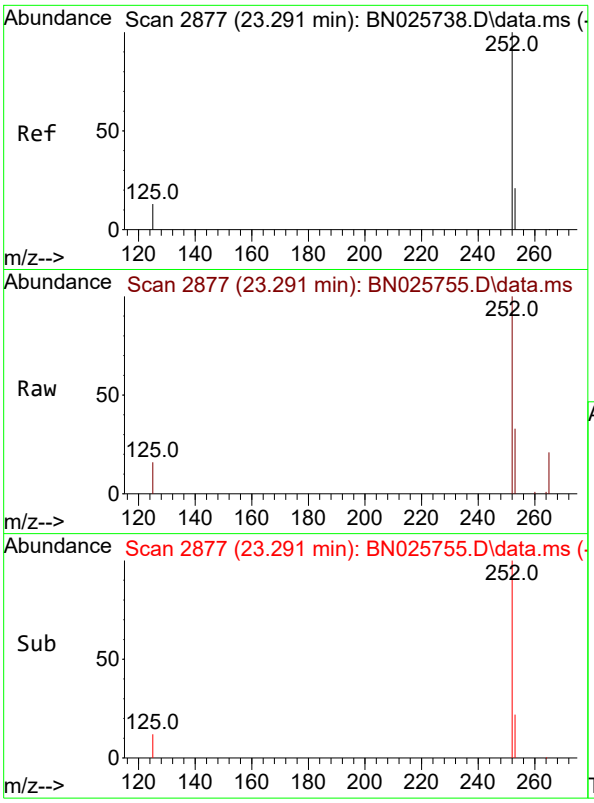


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.630 ng
RT: 26.645 min Scan# 4024
Delta R.T. -0.020 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:276 Resp: 12721

Ion	Ratio	Lower	Upper
276	100		
138	30.5	26.1	39.1
277	24.1	19.4	29.2



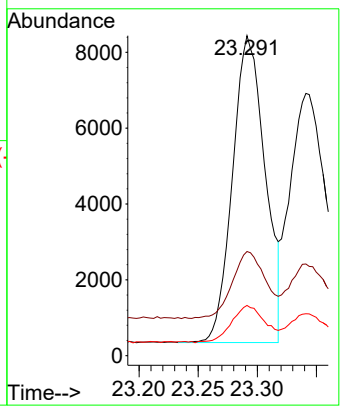


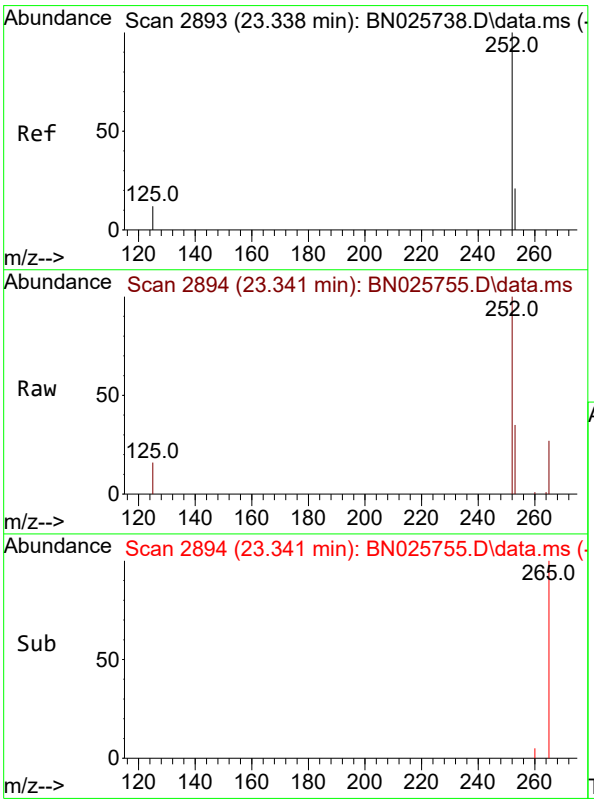
#37
Benzo(b)fluoranthene
Concen: 0.842 ng
RT: 23.291 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:252 Resp: 15509

Ion	Ratio	Lower	Upper
252	100		
253	32.6	23.4	35.0
125	15.7	12.3	18.5

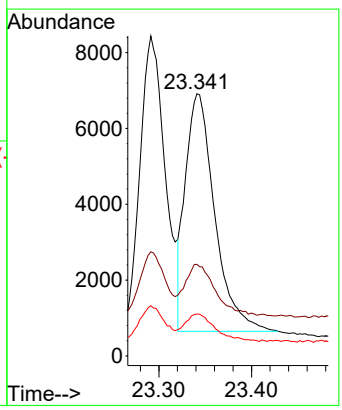


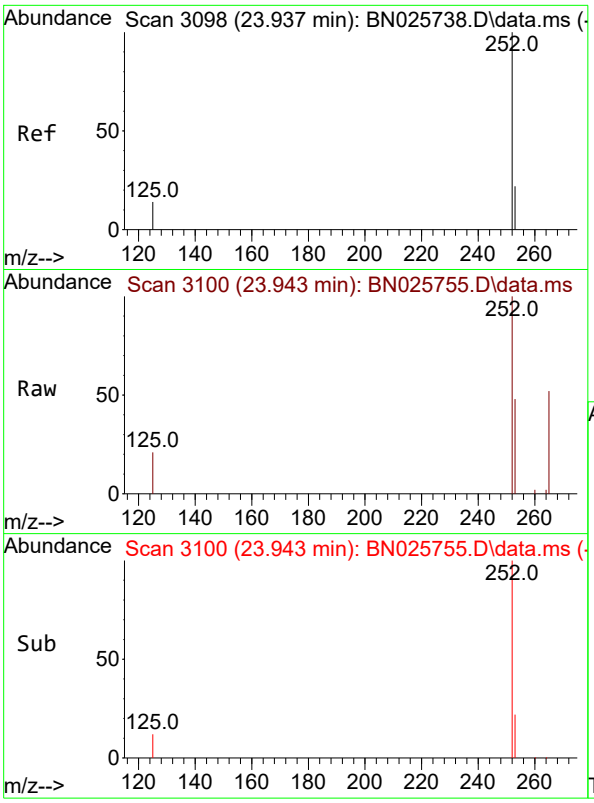


#38
Benzo(k)fluoranthene
Concen: 0.733 ng
RT: 23.341 min Scan# 2894
Delta R.T. -0.006 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:252 Resp: 13793

Ion	Ratio	Lower	Upper
252	100		
253	35.0	24.2	36.4
125	16.0	12.2	18.2



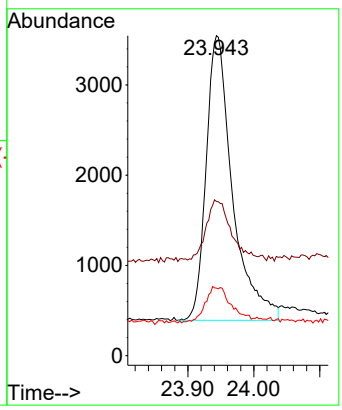


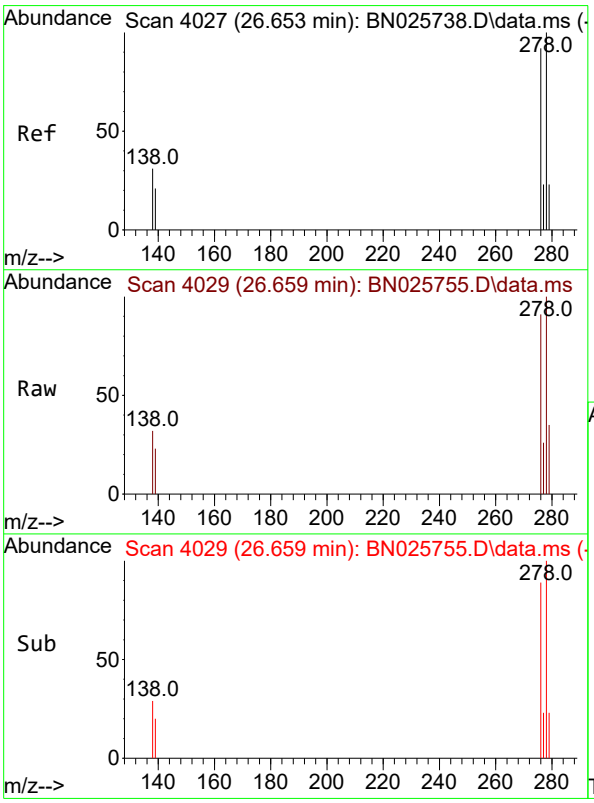
#39
Benzo(a)pyrene
Concen: 0.503 ng
RT: 23.943 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:252 Resp: 8768

Ion	Ratio	Lower	Upper
252	100		
253	48.2	27.5	41.3#
125	21.1	14.6	21.8

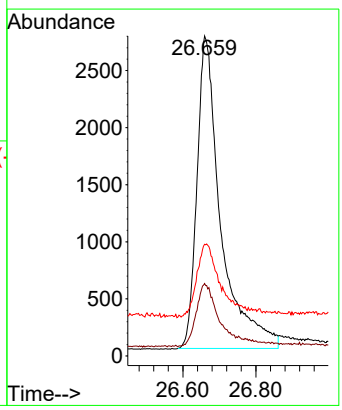


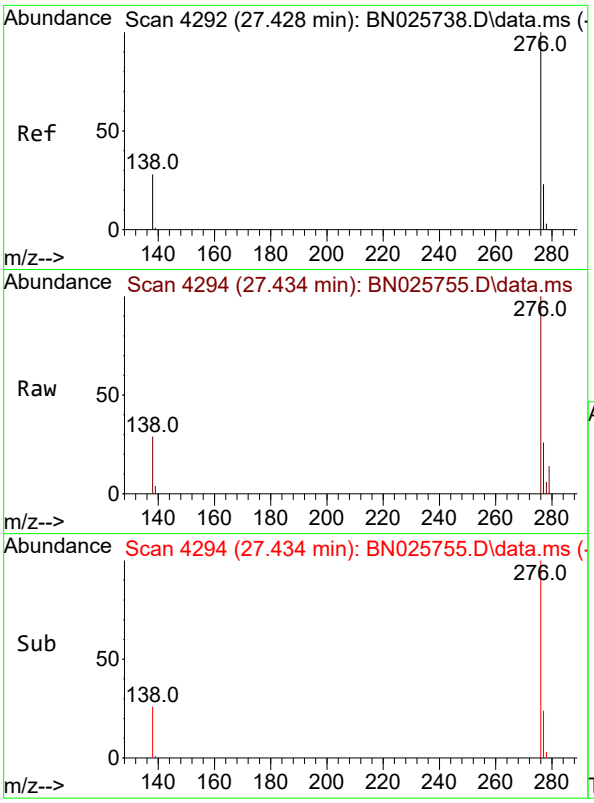


#40
Dibenzo(a,h)anthracene
Concen: 0.767 ng
RT: 26.659 min Scan# 4029
Delta R.T. -0.026 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Tgt Ion:278 Resp: 12423

Ion	Ratio	Lower	Upper
278	100		
139	22.7	18.7	28.1
279	34.9	25.1	37.7





#41
Benzo(g,h,i)perylene
Concen: 0.632 ng
RT: 27.434 min Scan# 4
Delta R.T. -0.029 min
Lab File: BN025755.D
Acq: 06 Jun 2023 15:35

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Tgt Ion:276 Resp: 11441

Ion	Ratio	Lower	Upper
276	100		
277	26.4	20.2	30.2
138	29.0	24.2	36.4