Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025540.D
Acq On : 22 May 2023 16:05
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 22 16:51:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	3697	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	10247	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6243	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14435	0.400	ng		0.00
29) Chrysene-d12	21.616	240	11076	0.400	ng		0.00
35) Perylene-d12	24.126	264	10793	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	7600	0.911	ng		0.00
5) Phenol-d6	7.211	99	9596	0.896	ng		0.00
8) Nitrobenzene-d5	9.234	82	7572	0.926	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	12497	0.877	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	2105	0.865	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	21719	0.909	ng		0.00
27) Fluoranthene-d10	19.460	212	27418	0.823	ng		0.00
31) Terphenyl-d14	20.049	244	18429	0.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	3492	0.926	ng		99
3) n-Nitrosodimethylamine	3.780	42	4104	0.988	ng		98
6) bis(2-Chloroethyl)ether	7.485	93	8946	0.859	ng		99
9) Naphthalene	10.931	128	23328	0.895	ng		99
10) Hexachlorobutadiene	11.230	225	4078	0.824	ng	#	100
12) 2-Methylnaphthalene	12.540	142	16606	0.881	ng		98
16) Acenaphthylene	14.416	152	24949	0.875	ng		100
17) Acenaphthene	14.758	154	17428	0.927	ng		100
18) Fluorene	15.735	166	22117	0.951	ng		97
20) 4,6-Dinitro-2-methylph...	15.809	198	3062	1.020	ng	#	87
21) 4-Bromophenyl-phenylether	16.628	248	6902	0.812	ng		98
22) Hexachlorobenzene	16.740	284	6213	0.783	ng		99
23) Atrazine	16.889	200	5946	0.860	ng		99
24) Pentachlorophenol	17.087	266	3397	0.849	ng		100
25) Phenanthrene	17.472	178	36874	0.872	ng		100
26) Anthracene	17.572	178	33716	0.852	ng		99
28) Fluoranthene	19.490	202	41366	0.861	ng		100
30) Pyrene	19.852	202	41573	0.941	ng		100
32) Benzo(a)anthracene	21.598	228	35930	0.896	ng		99
33) Chrysene	21.652	228	37870	0.952	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	20827	0.882	ng		100
36) Indeno(1,2,3-cd)pyrene	26.772	276	40339	0.924	ng		100
37) Benzo(b)fluoranthene	23.357	252	35144	0.877	ng		97
38) Benzo(k)fluoranthene	23.407	252	36942	0.902	ng		97
39) Benzo(a)pyrene	24.018	252	32145	0.852	ng		95
40) Dibenzo(a,h)anthracene	26.790	278	32927	0.941	ng		98
41) Benzo(g,h,i)perylene	27.576	276	34167	0.926	ng		99

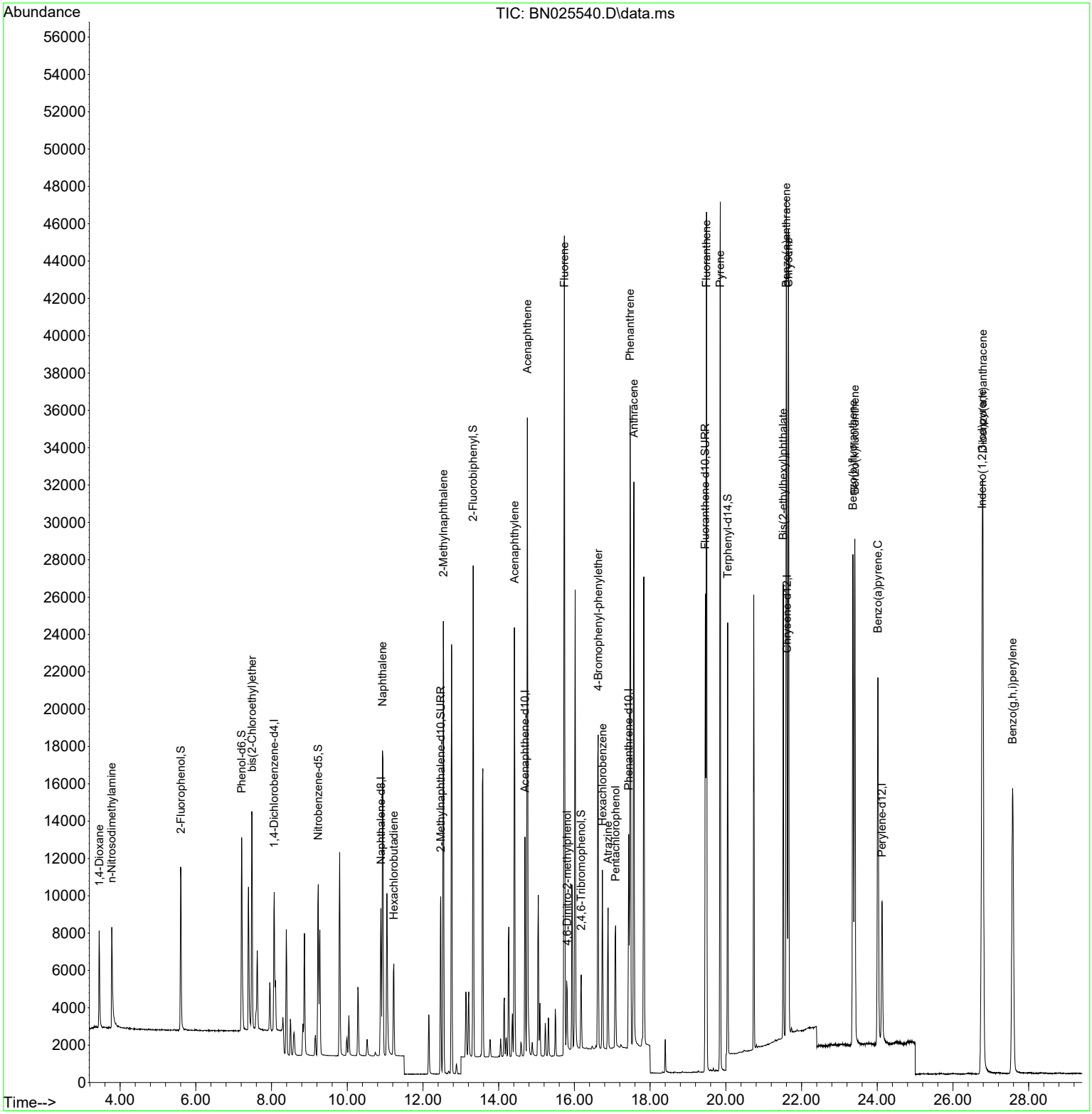
(#) = qualifier out of range (m) = manual integration (+) = signals summed

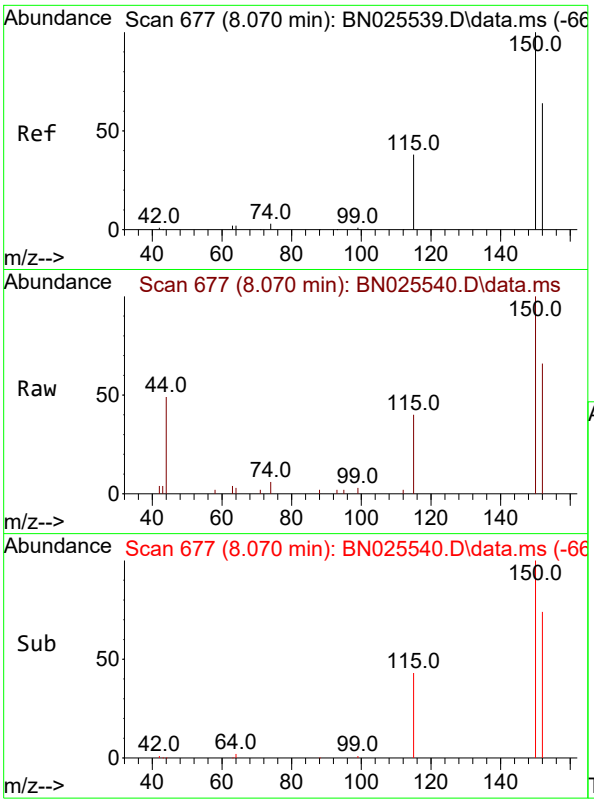
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025540.D
Acq On : 22 May 2023 16:05
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 22 16:51:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 16:31:23 2023
Response via : Initial Calibration



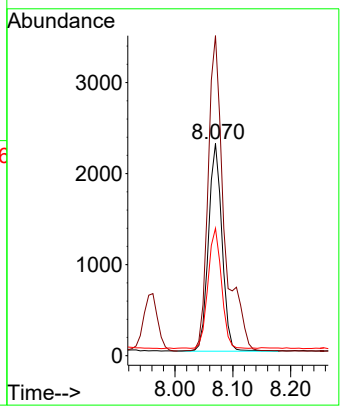


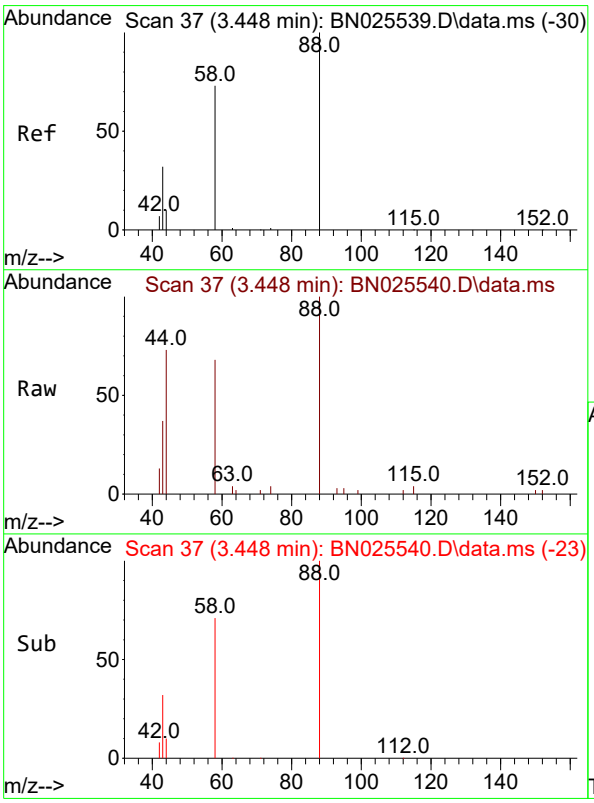
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3697

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	187.0
115	60.0	49.1	73.7

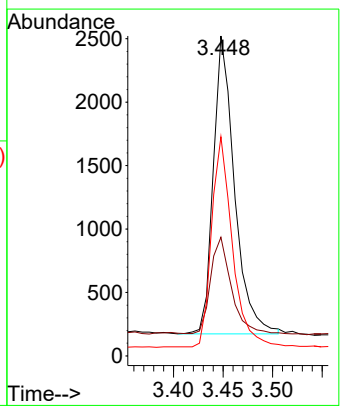


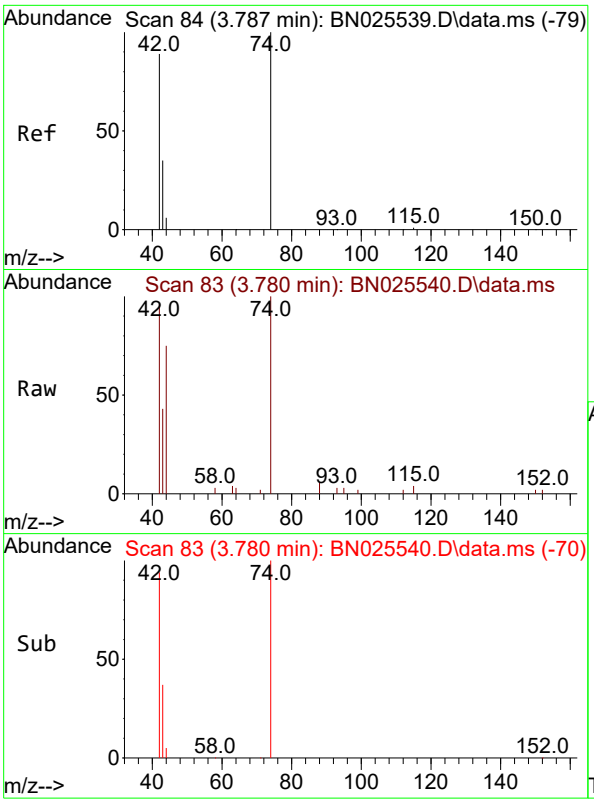


#2
1,4-Dioxane
Concen: 0.926 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion: 88 Resp: 3492

Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.8	38.8
58	69.7	54.9	82.3



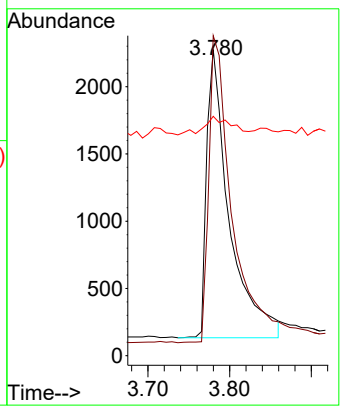


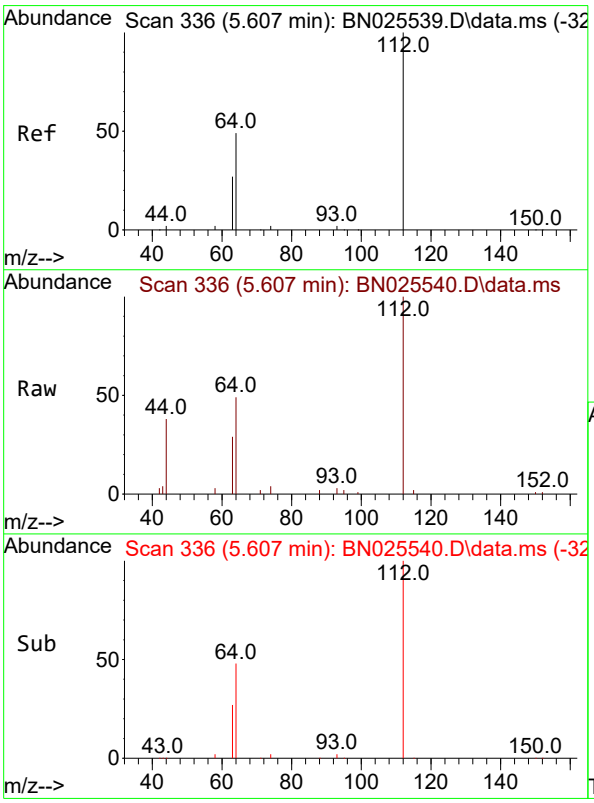
#3
n-Nitrosodimethylamine
Concen: 0.988 ng
RT: 3.780 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 4104

Ion	Ratio	Lower	Upper
42	100		
74	110.1	89.7	134.5
44	7.6	7.5	11.3

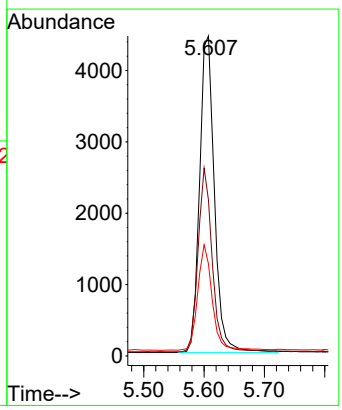


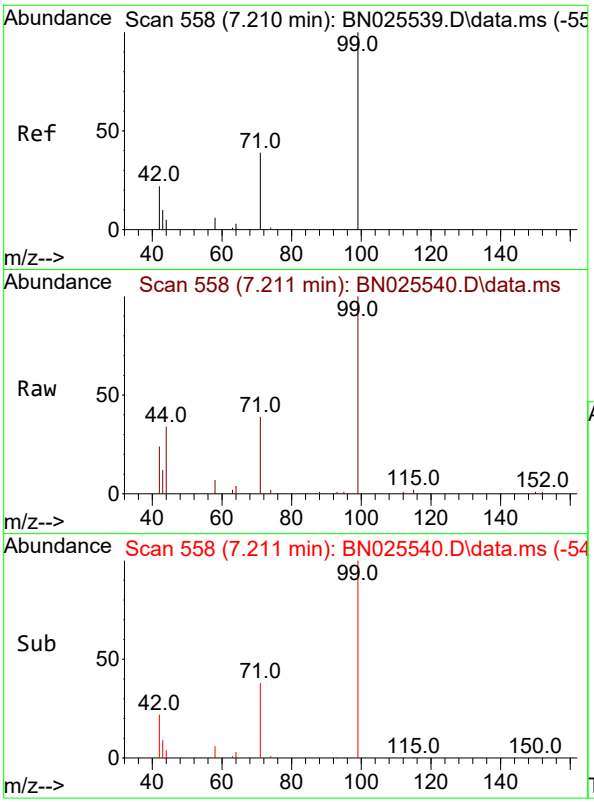


#4
2-Fluorophenol
Concen: 0.911 ng
RT: 5.607 min Scan# 336
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:112 Resp: 7600

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.2	66.4
63	32.6	25.4	38.2



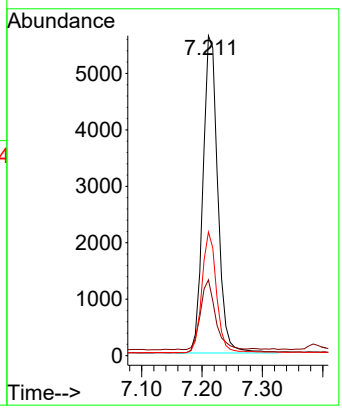


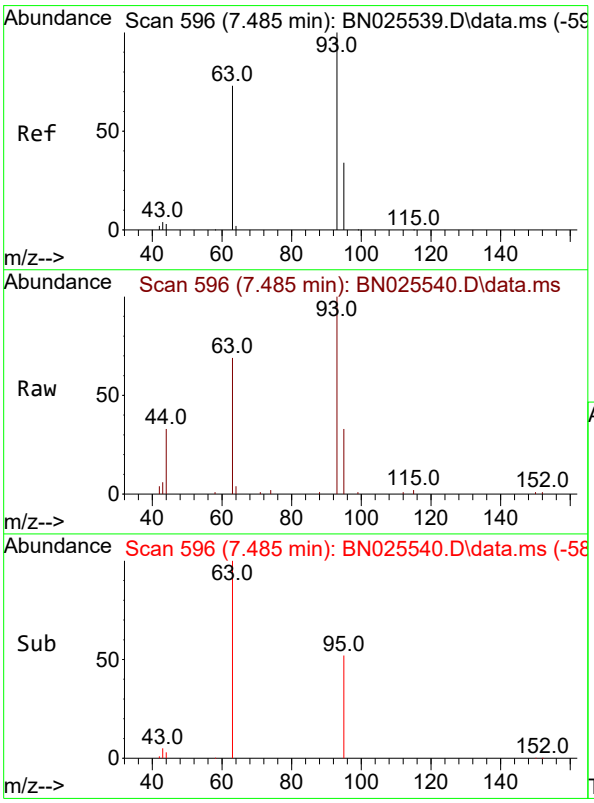
#5
Phenol-d6
Concen: 0.896 ng
RT: 7.211 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 9596

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.5	26.3
71	37.5	30.1	45.1

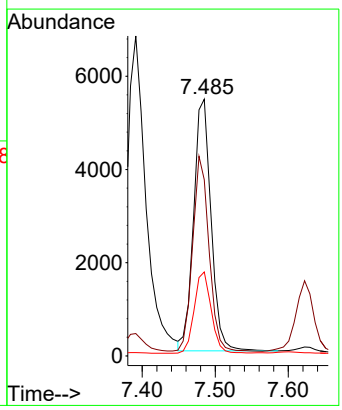


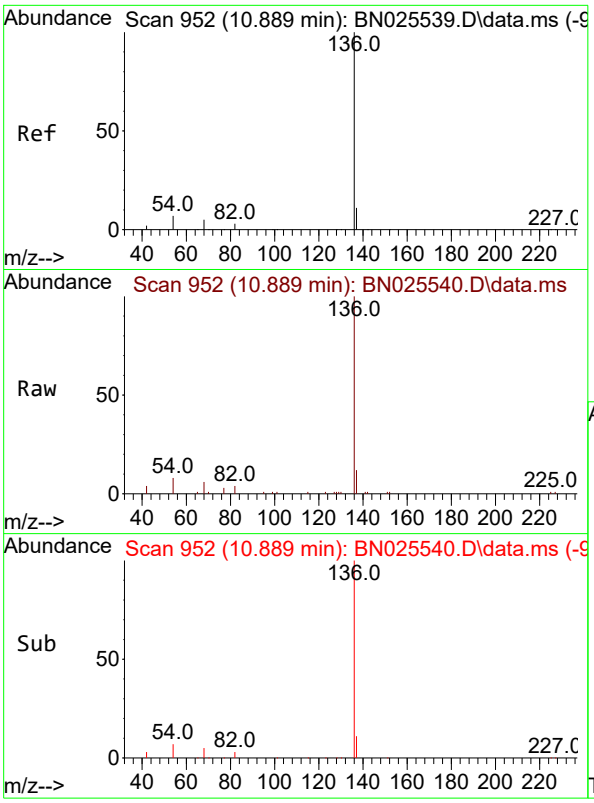


#6
bis(2-Chloroethyl)ether
Concen: 0.859 ng
RT: 7.485 min Scan# 596
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion: 93 Resp: 8946

Ion	Ratio	Lower	Upper
93	100		
63	72.5	56.9	85.3
95	31.5	24.9	37.3



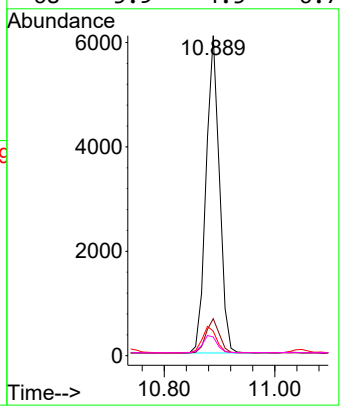


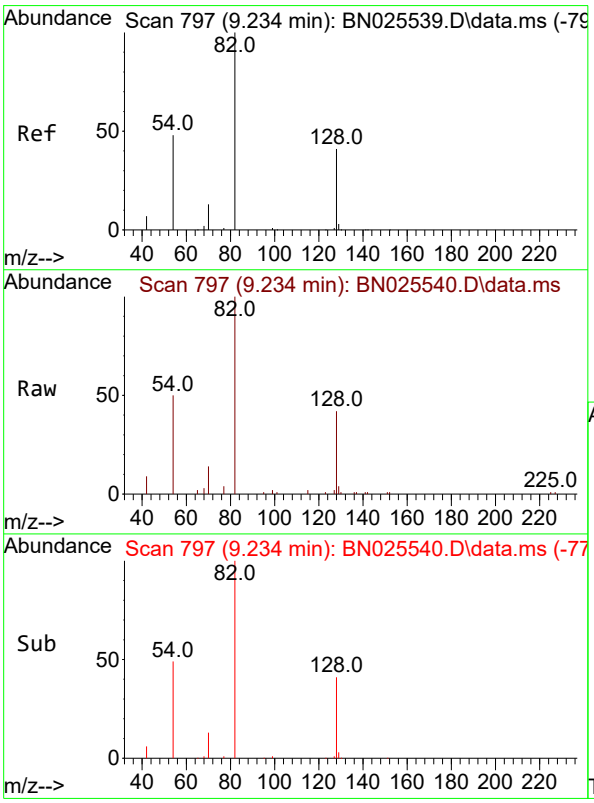
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 10247

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.7	6.2	9.4
68	5.9	4.5	6.7

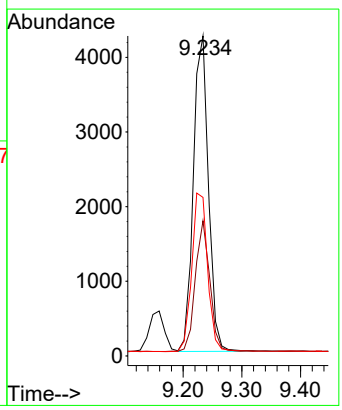


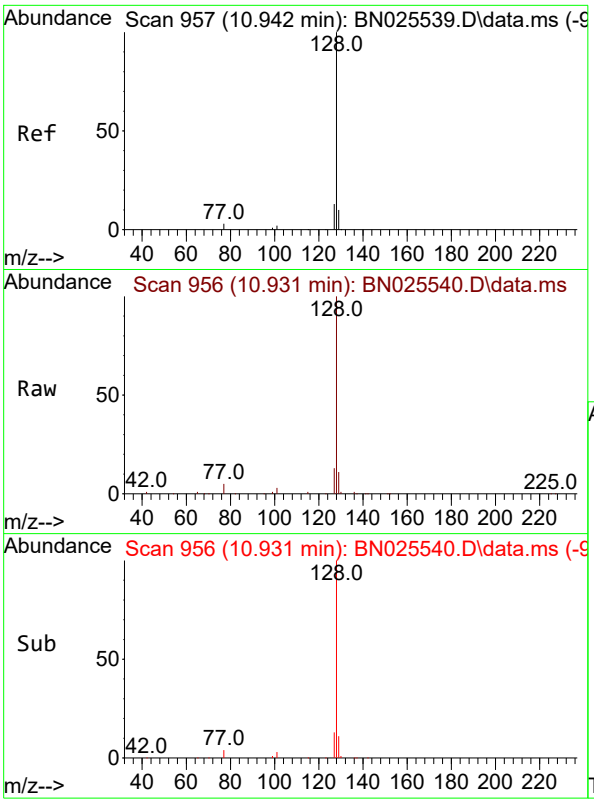


#8
Nitrobenzene-d5
Concen: 0.926 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion: 82 Resp: 7572

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.8	50.8
54	49.6	39.8	59.6



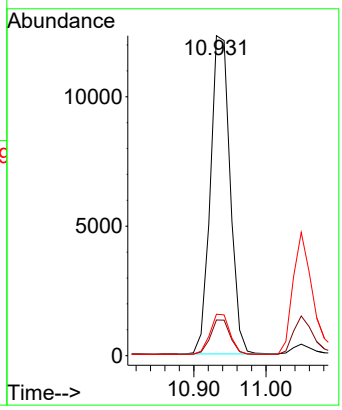


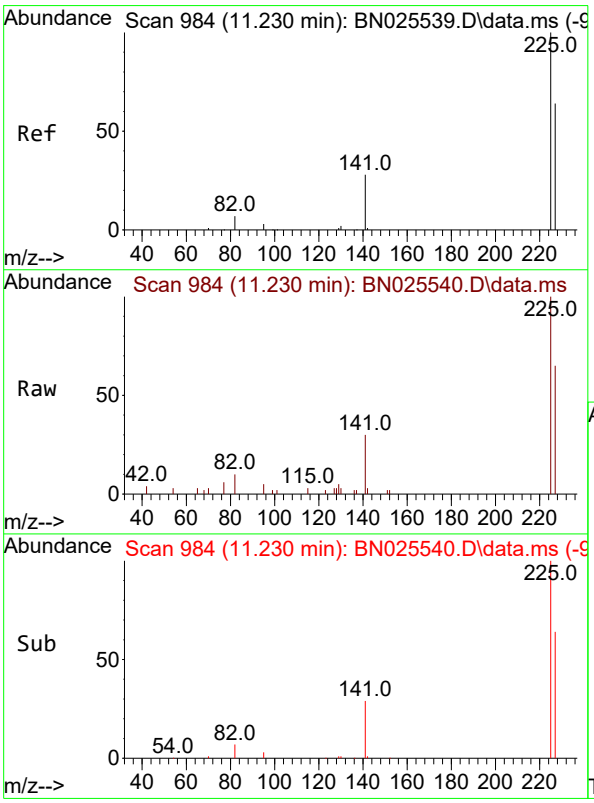
#9
Naphthalene
Concen: 0.895 ng
RT: 10.931 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 23328

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.9	10.6	15.8

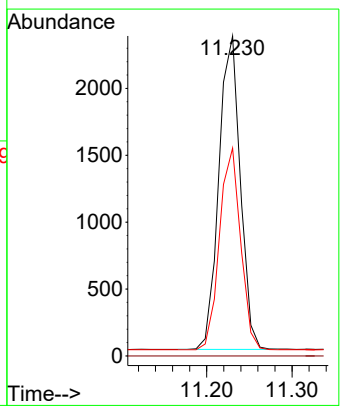


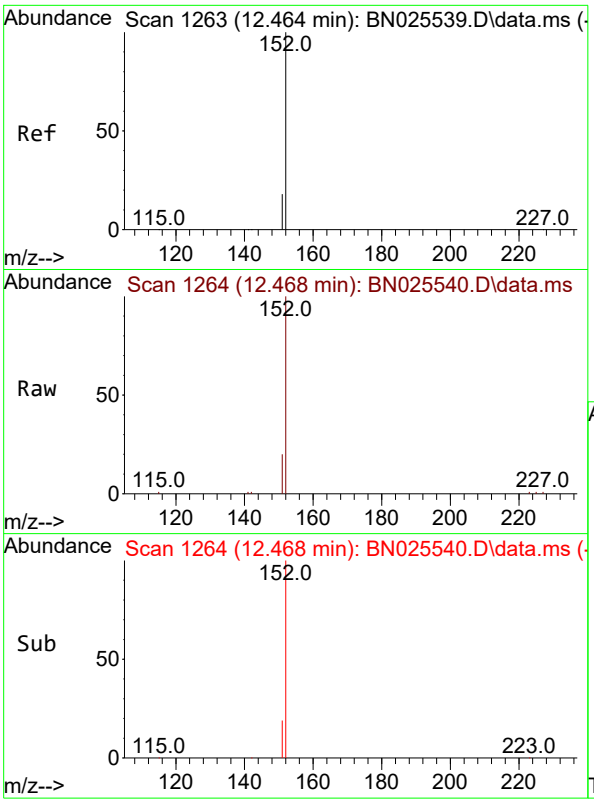


#10
Hexachlorobutadiene
Concen: 0.824 ng
RT: 11.230 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:225 Resp: 4078

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.6



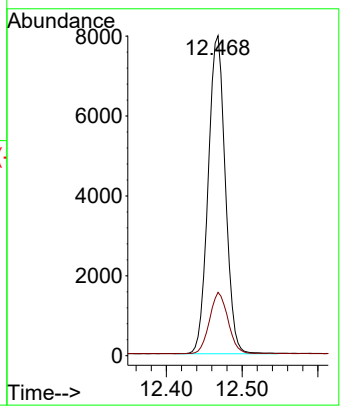


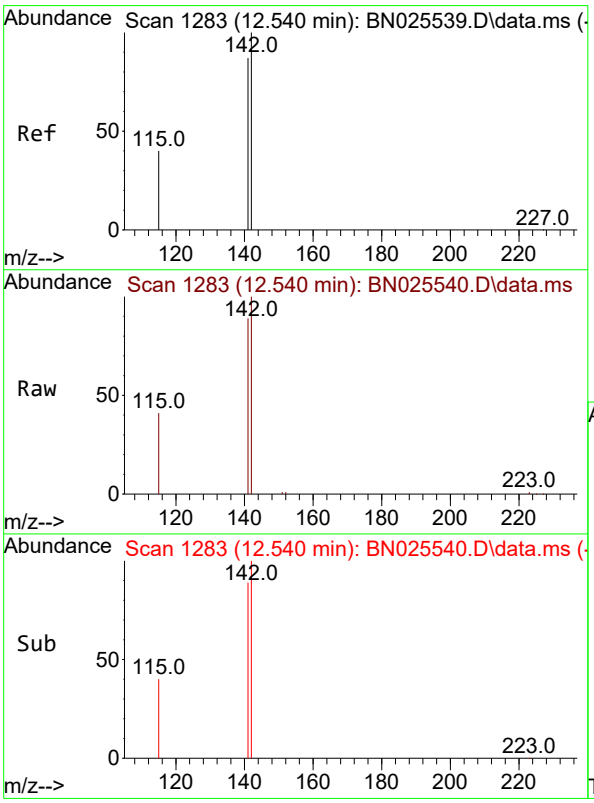
#11
2-Methylnaphthalene-d10
Concen: 0.877 ng
RT: 12.468 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 12497

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

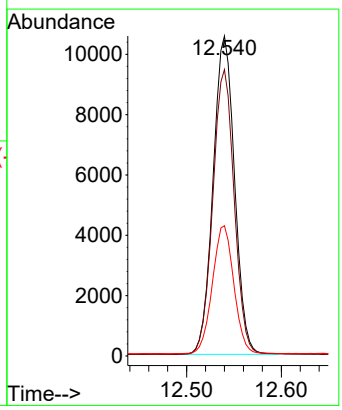


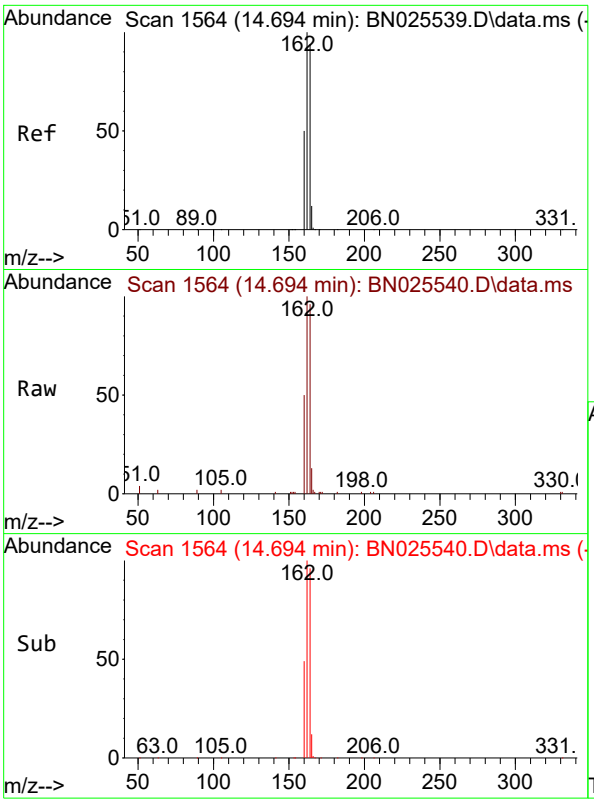


#12
2-Methylnaphthalene
Concen: 0.881 ng
RT: 12.540 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:142 Resp: 16606

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1
115	40.7	32.8	49.2



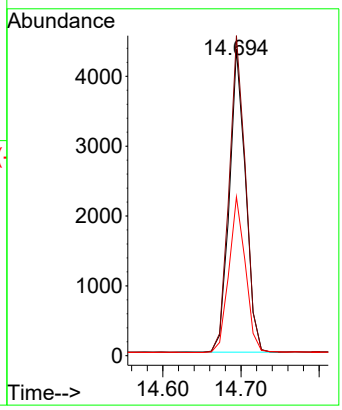


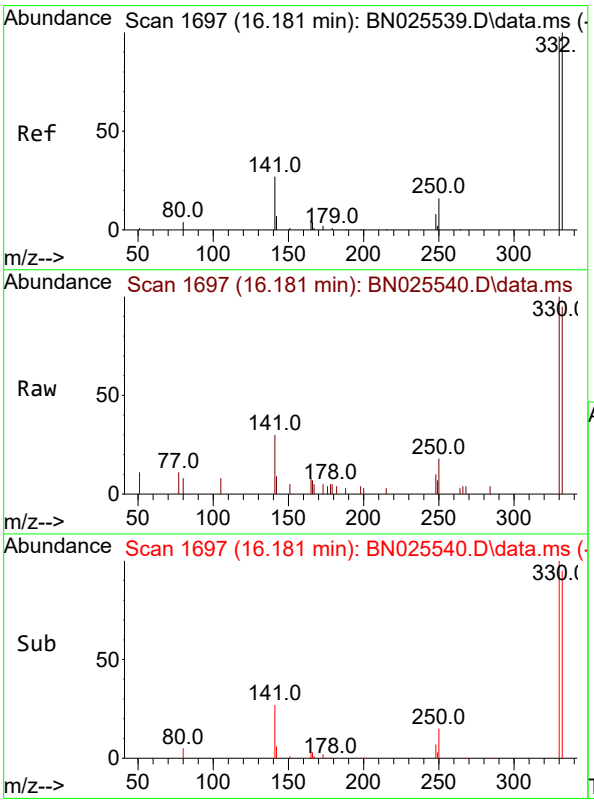
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 6243

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.5	128.3
160	51.8	42.9	64.3

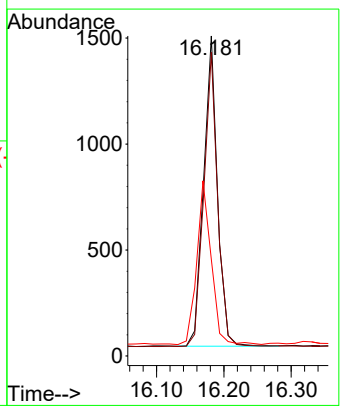


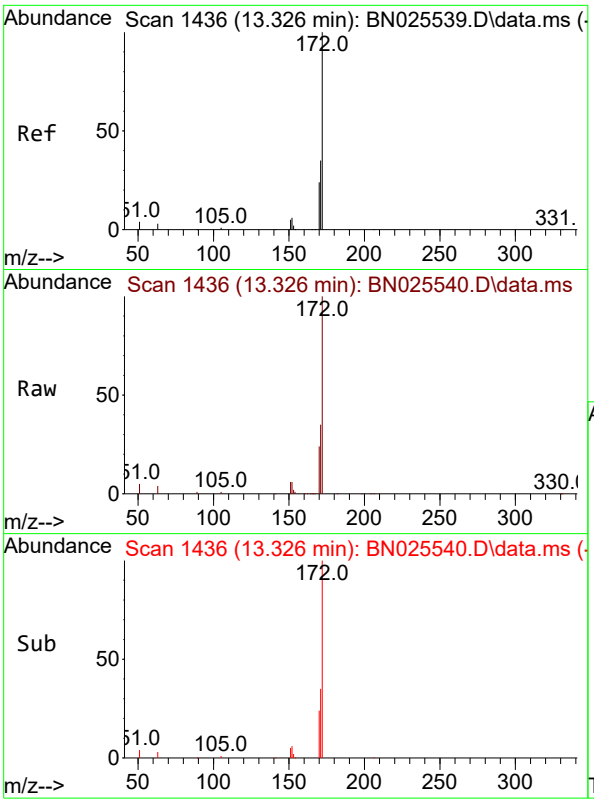


#14
2,4,6-Tribromophenol
Concen: 0.865 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:330 Resp: 2105

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	54.4	43.0	64.6



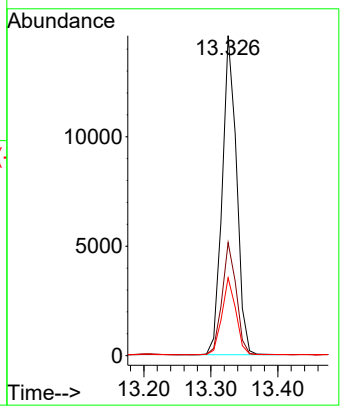


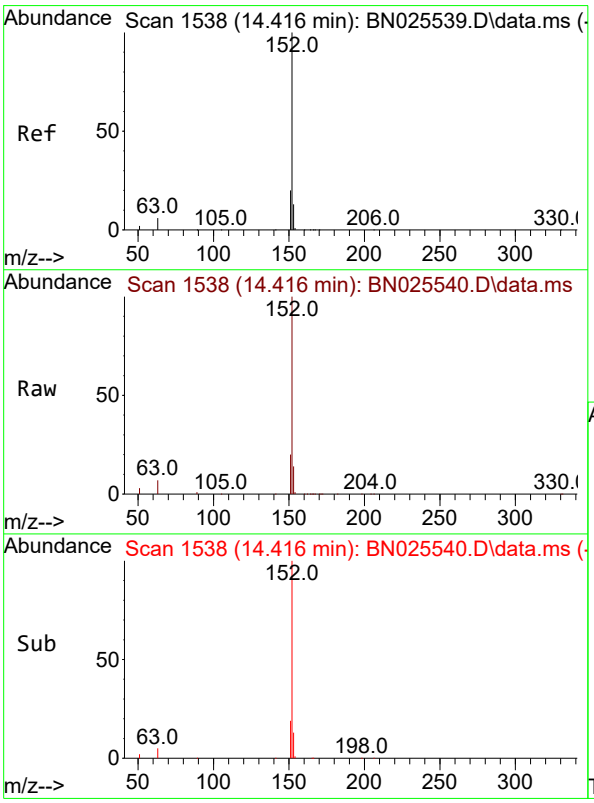
#15
2-Fluorobiphenyl
Concen: 0.909 ng
RT: 13.326 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 21719

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.3	19.3	28.9

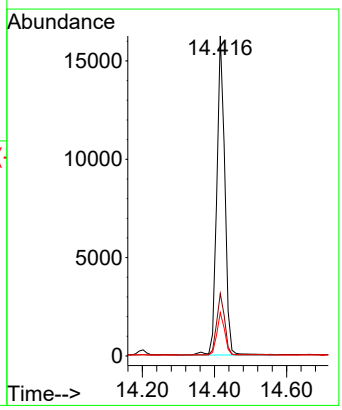


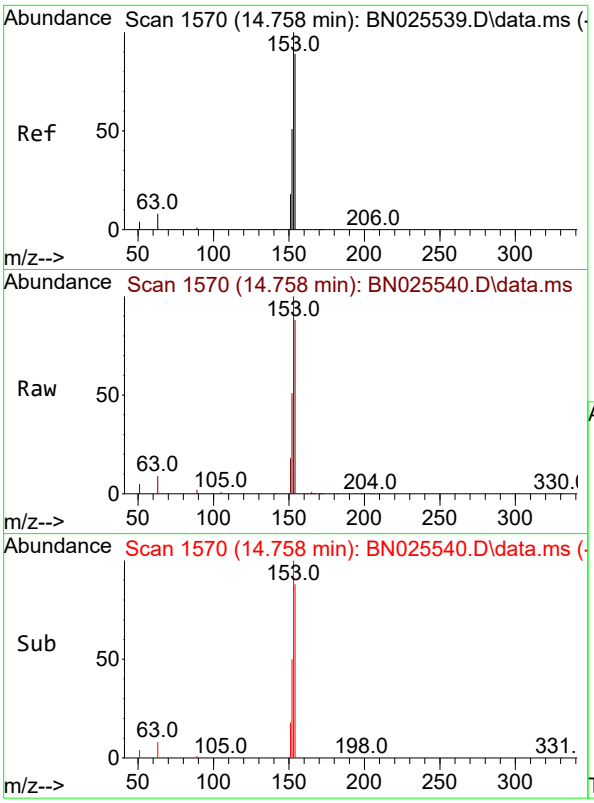


#16
Acenaphthylene
Concen: 0.875 ng
RT: 14.416 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:152 Resp: 24949

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.0	10.4	15.6



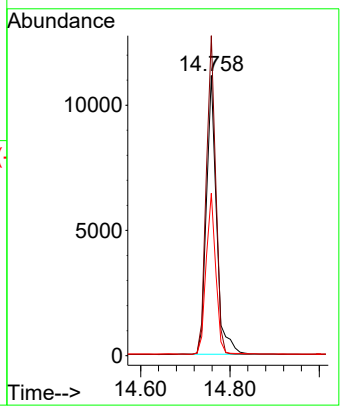


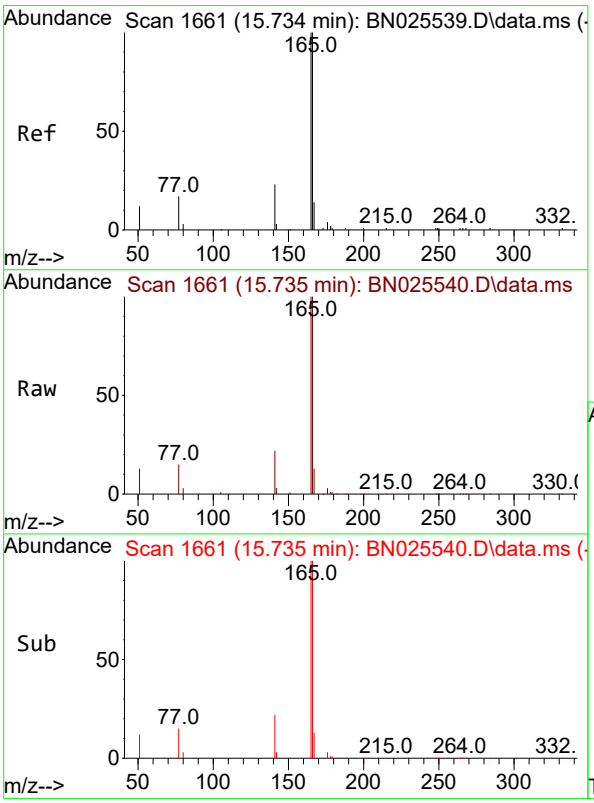
#17
Acenaphthene
Concen: 0.927 ng
RT: 14.758 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 17428

Ion	Ratio	Lower	Upper
154	100		
153	107.0	85.4	128.2
152	54.8	44.3	66.5

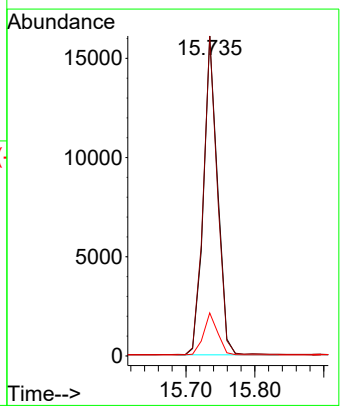


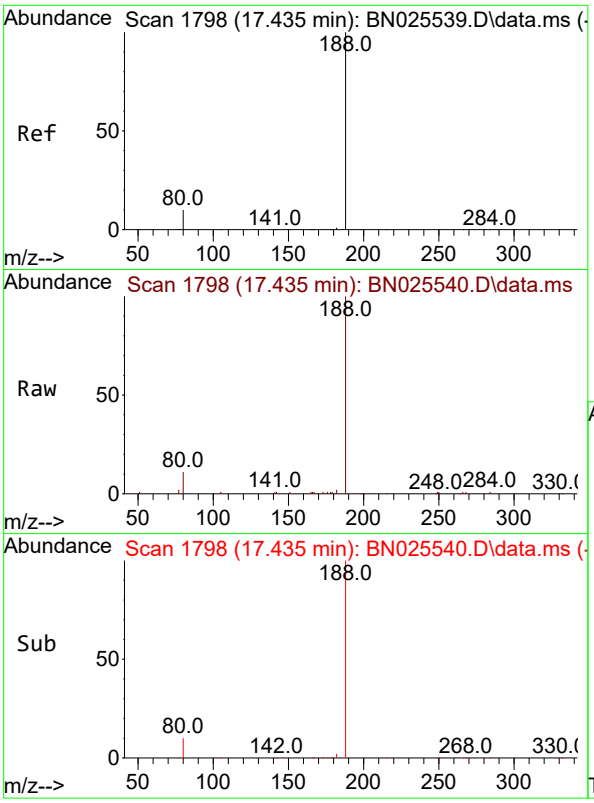


#18
Fluorene
Concen: 0.951 ng
RT: 15.735 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:166 Resp: 22117

Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.1	118.7
167	13.3	10.8	16.2



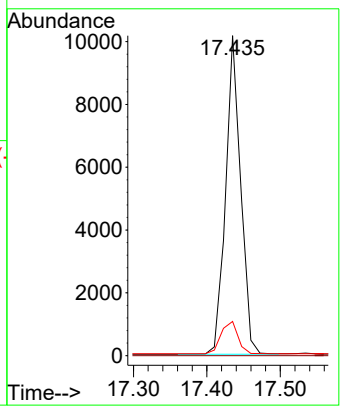


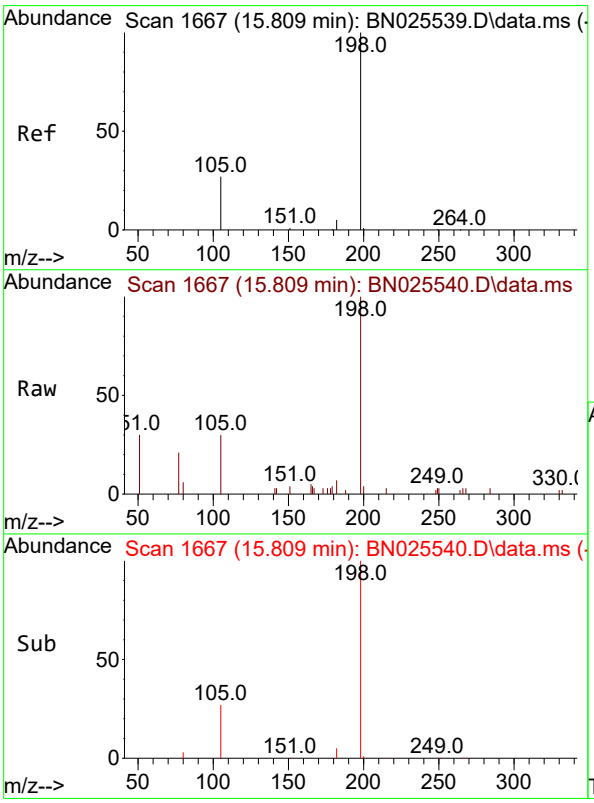
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 14435

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.8	13.2

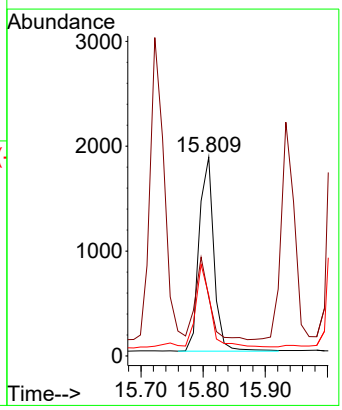


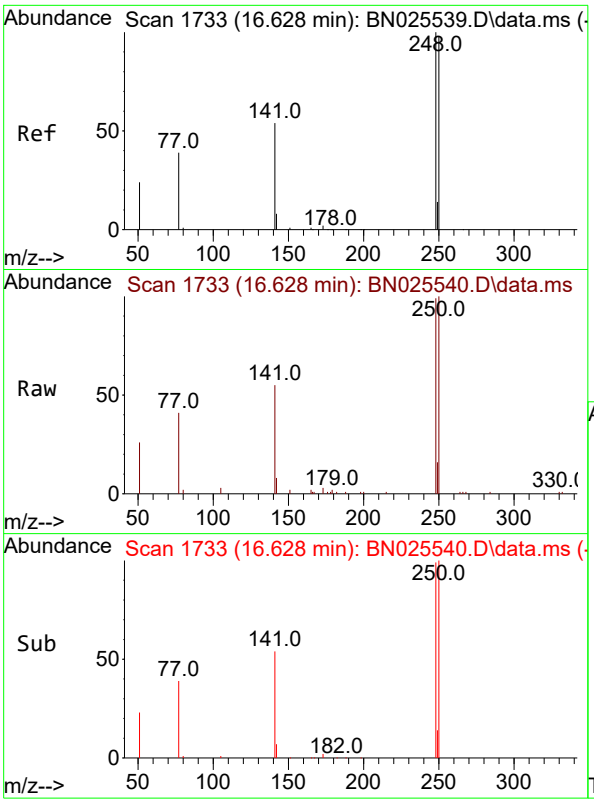


#20
4,6-Dinitro-2-methylphenol
Concen: 1.020 ng
RT: 15.809 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:198 Resp: 3062

Ion	Ratio	Lower	Upper
198	100		
51	29.5	31.7	47.5#
105	30.5	29.2	43.8



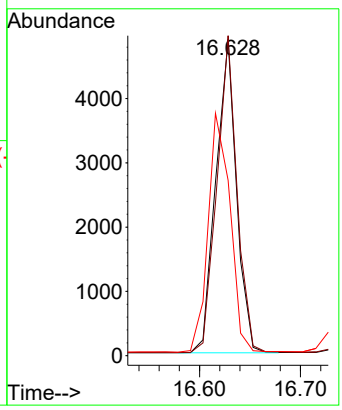


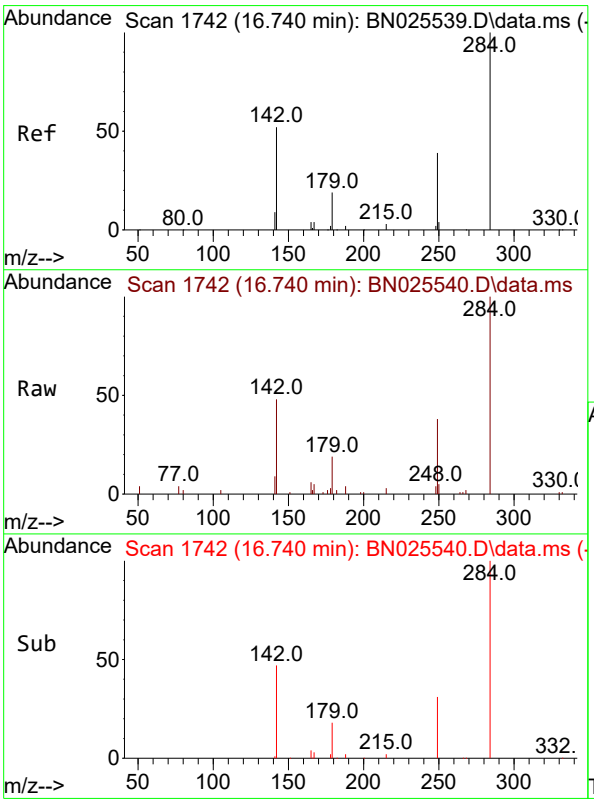
#21
4-Bromophenyl-phenylether
Concen: 0.812 ng
RT: 16.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 6902

Ion	Ratio	Lower	Upper
248	100		
250	101.2	78.9	118.3
141	55.5	43.9	65.9

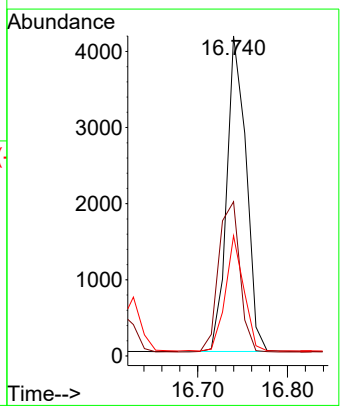


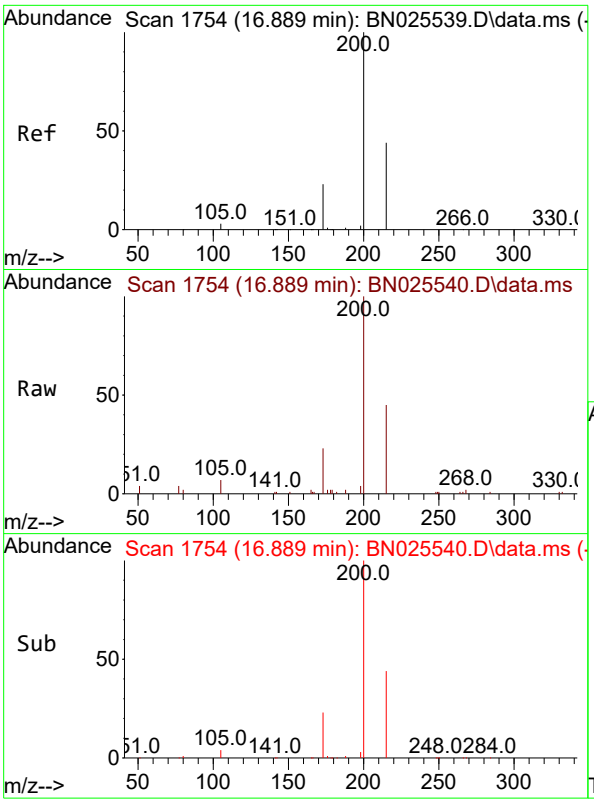


#22
Hexachlorobenzene
Concen: 0.783 ng
RT: 16.740 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:284 Resp: 6213

Ion	Ratio	Lower	Upper
284	100		
142	52.5	41.6	62.4
249	34.5	28.3	42.5



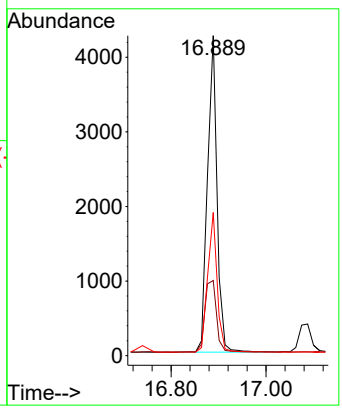


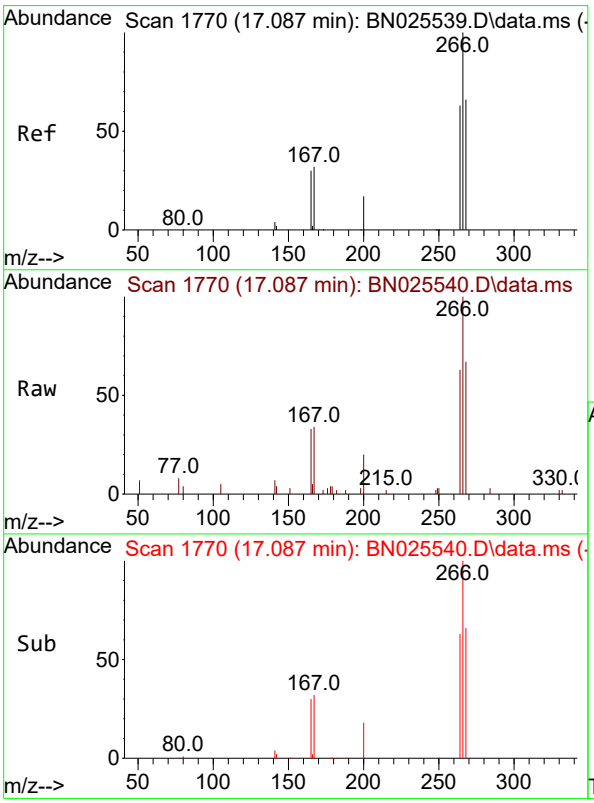
#23
Atrazine
Concen: 0.860 ng
RT: 16.889 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 5946

Ion	Ratio	Lower	Upper
200	100		
173	23.5	20.2	30.4
215	44.8	35.8	53.8

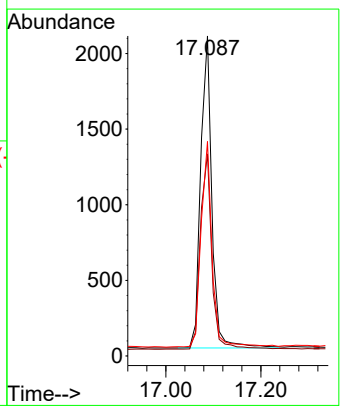


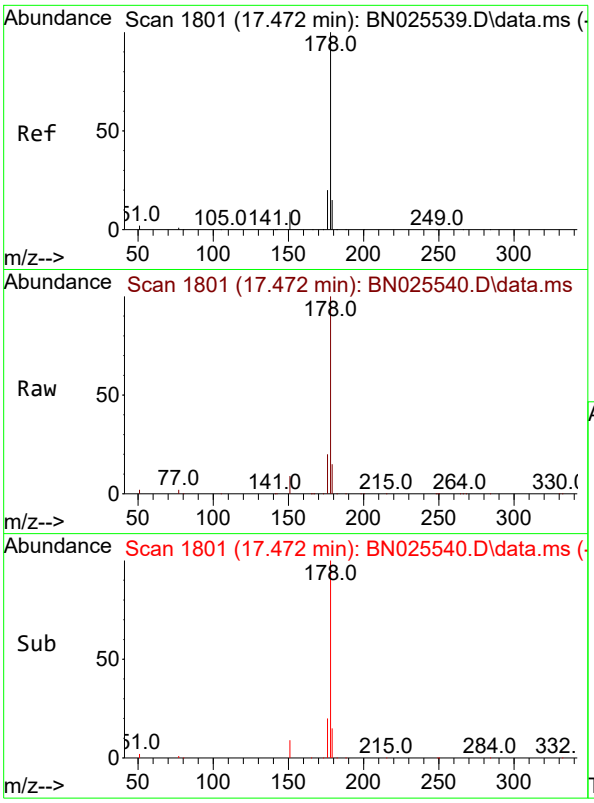


#24
Pentachlorophenol
Concen: 0.849 ng
RT: 17.087 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:266 Resp: 3397

Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.3	76.9
268	64.3	51.2	76.8



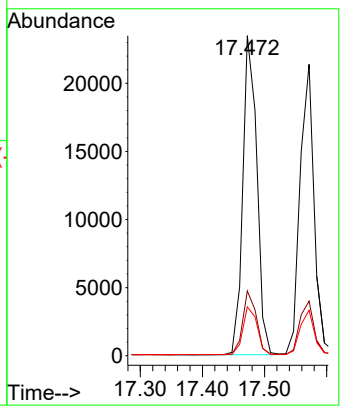


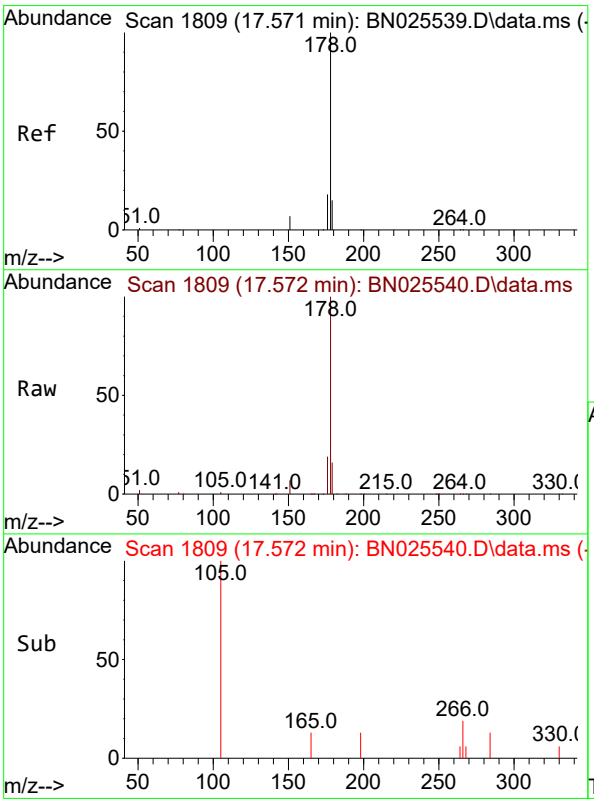
#25
Phenanthrene
Concen: 0.872 ng
RT: 17.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 36874

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.3	12.5	18.7

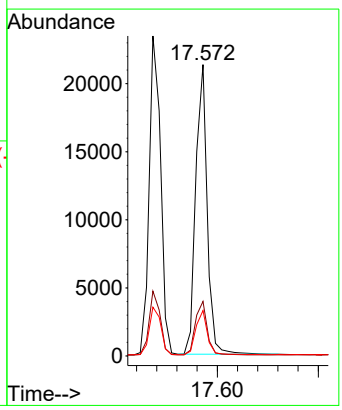


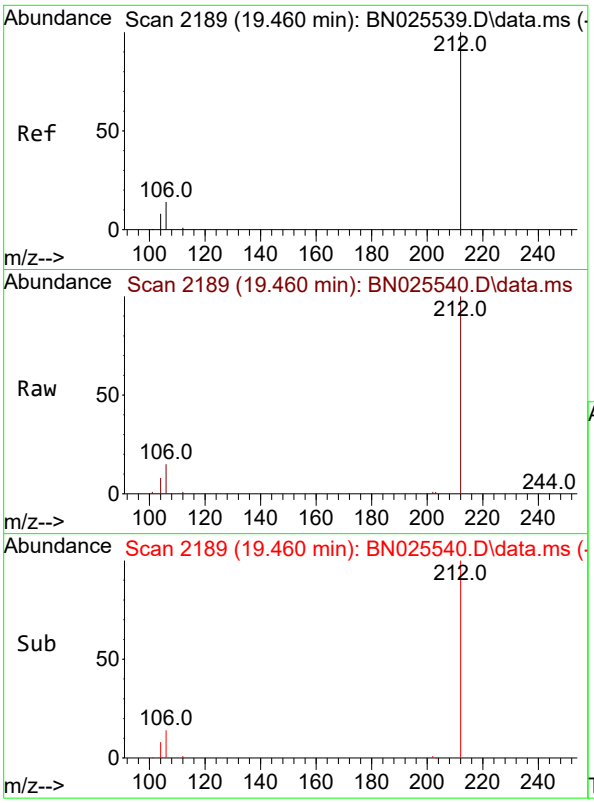


#26
Anthracene
Concen: 0.852 ng
RT: 17.572 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:178 Resp: 33716

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.2	12.3	18.5



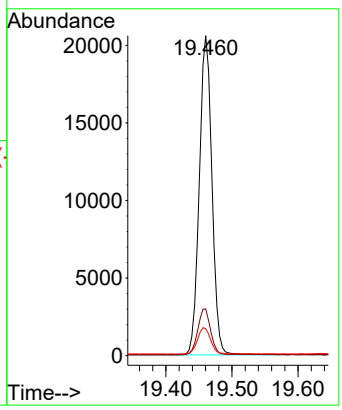


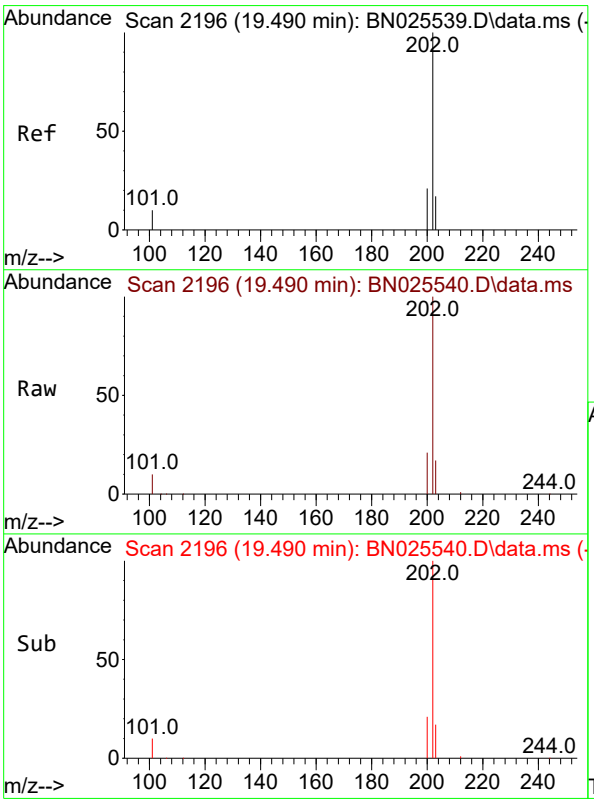
#27
Fluoranthene-d10
Concen: 0.823 ng
RT: 19.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 27418

Ion	Ratio	Lower	Upper
212	100		
106	14.5	11.4	17.2
104	8.6	6.8	10.2

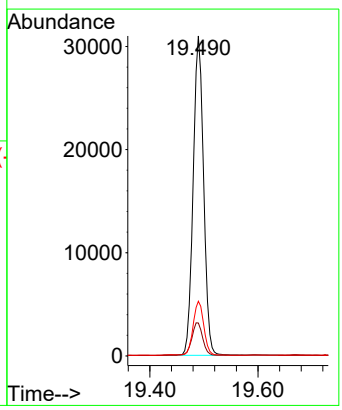


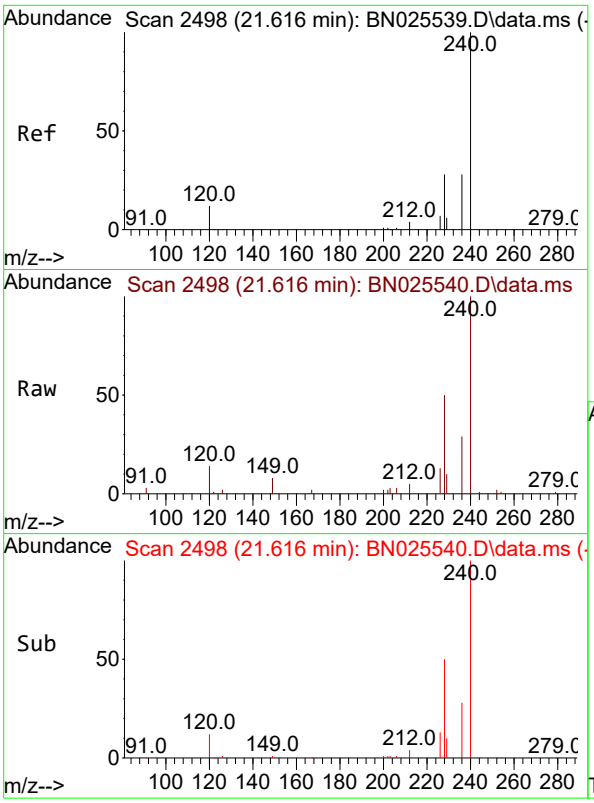


#28
Fluoranthene
Concen: 0.861 ng
RT: 19.490 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:202 Resp: 41366

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	12.8
203	17.1	13.7	20.5



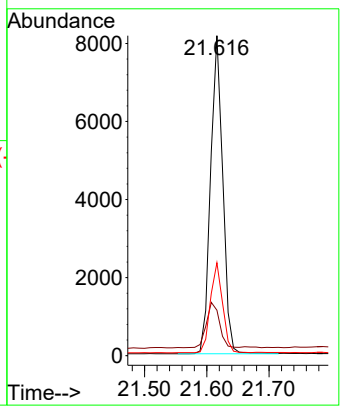


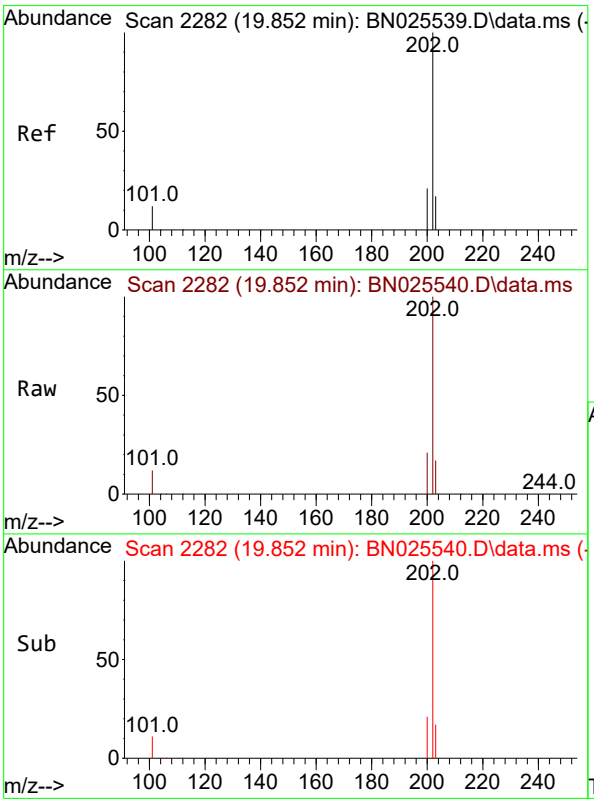
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 11076

Ion	Ratio	Lower	Upper
240	100		
120	14.2	11.7	17.5
236	29.0	23.0	34.6

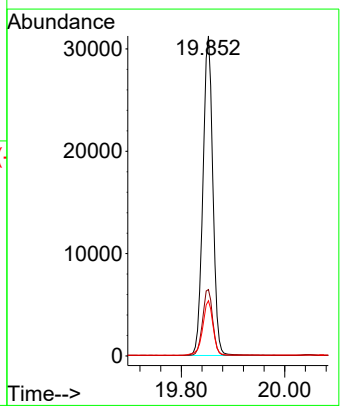


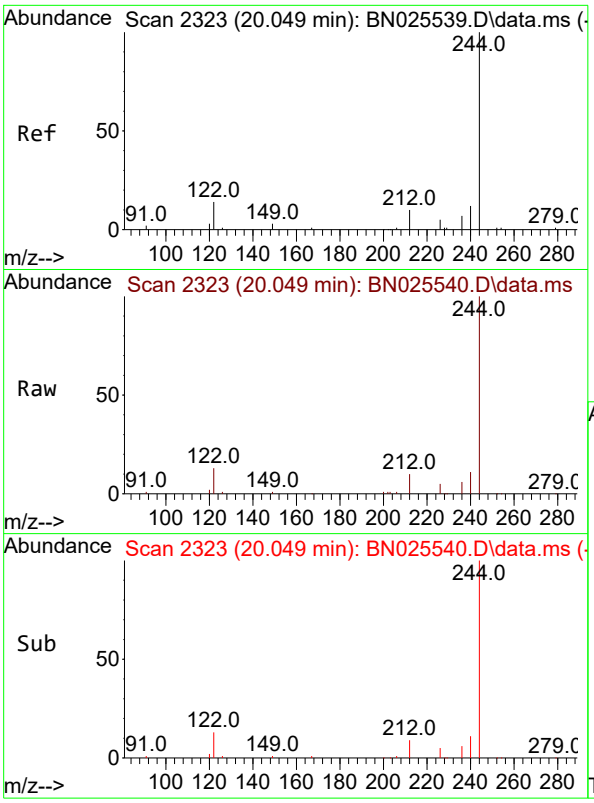


#30
Pyrene
Concen: 0.941 ng
RT: 19.852 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:202 Resp: 41573

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.3	21.5



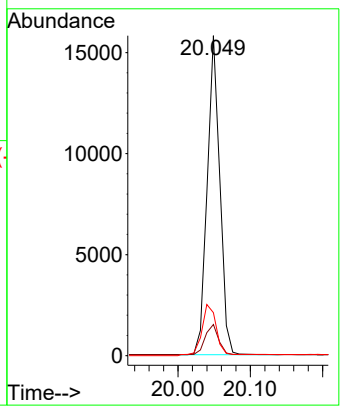


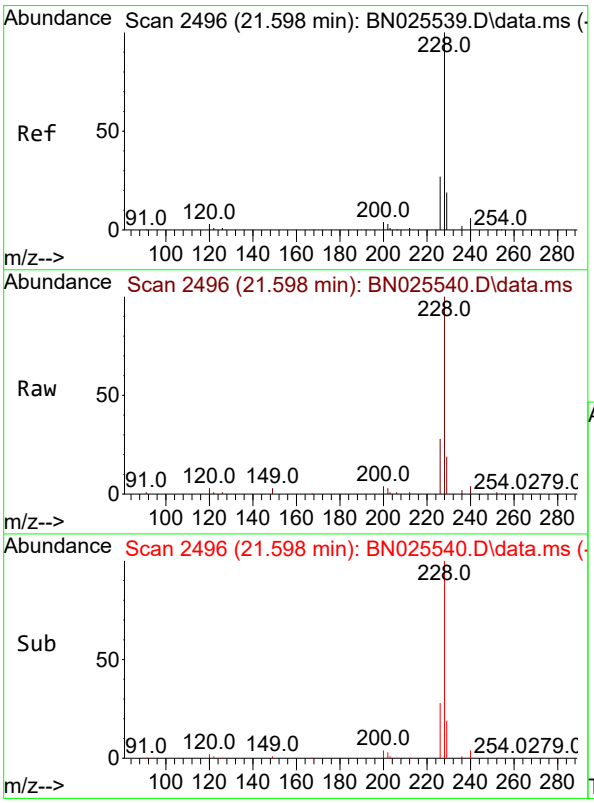
#31
Terphenyl-d14
Concen: 0.936 ng
RT: 20.049 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 18429

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.4	12.6
122	13.4	11.4	17.0

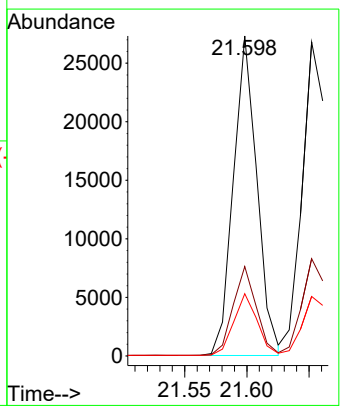


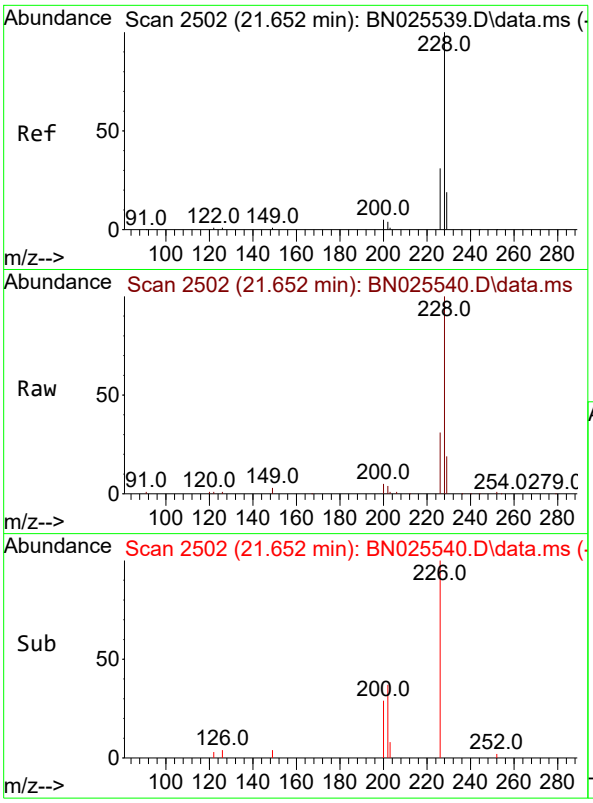


#32
Benzo(a)anthracene
Concen: 0.896 ng
RT: 21.598 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:228 Resp: 35930

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	19.4	15.4	23.2



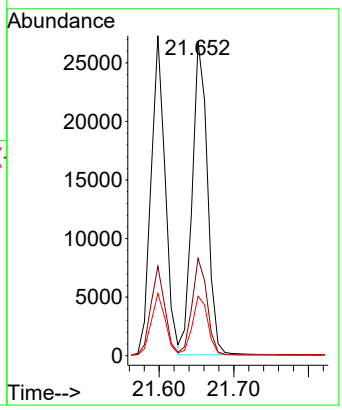


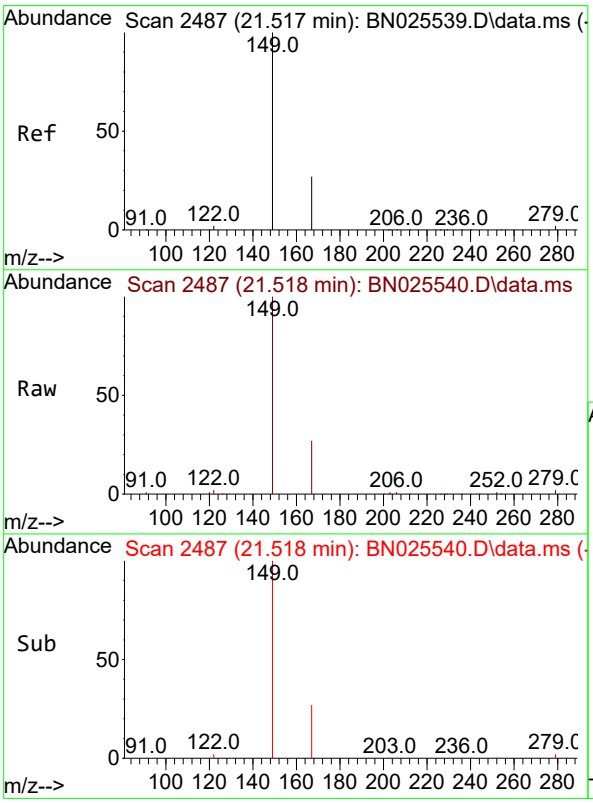
#33
Chrysene
Concen: 0.952 ng
RT: 21.652 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 37870

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.0	15.7	23.5

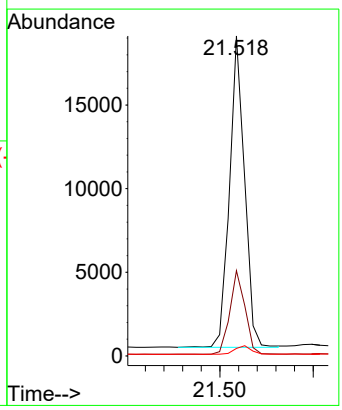


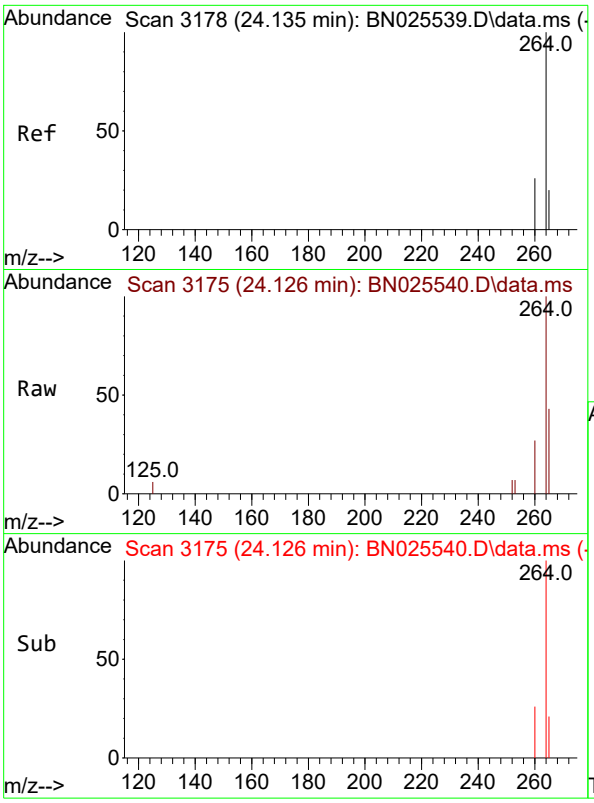


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.882 ng
RT: 21.518 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:149 Resp: 20827

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.5	32.3
279	3.0	2.6	4.0



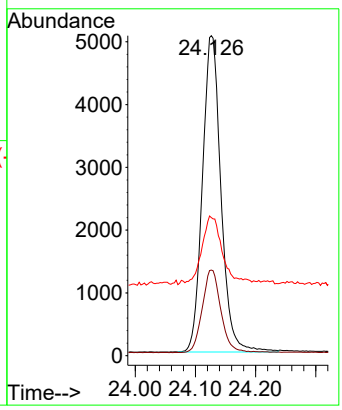


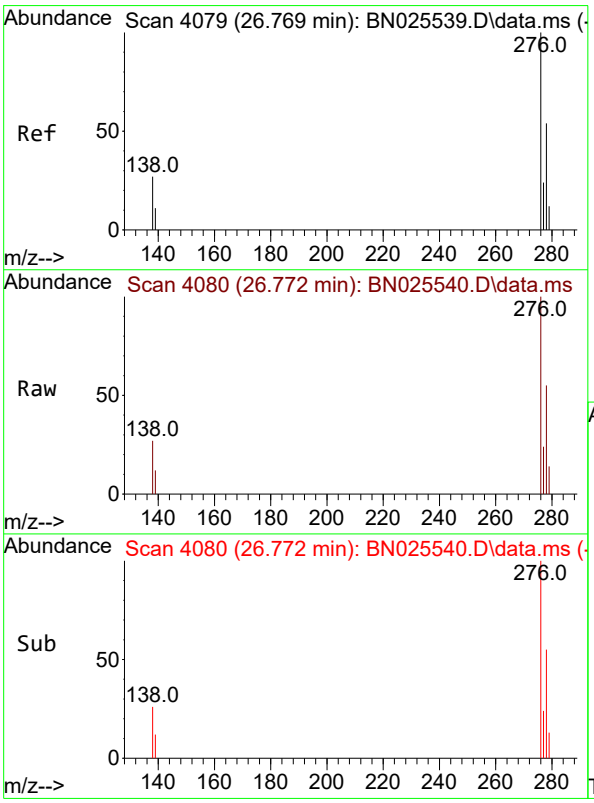
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.126 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 10793

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.1	31.7
265	43.2	35.5	53.3

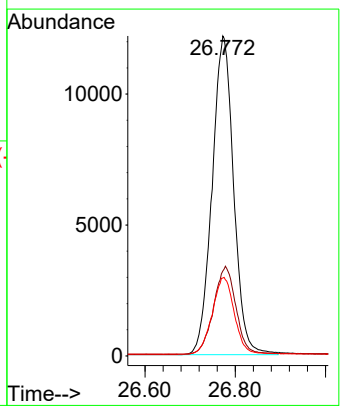


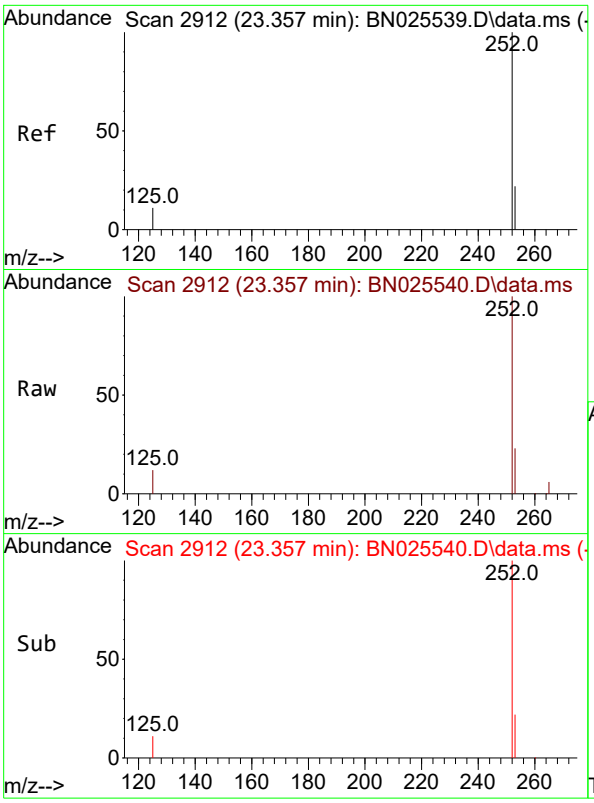


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.924 ng
RT: 26.772 min Scan# 4080
Delta R.T. 0.003 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:276 Resp: 40339

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.8	34.2
277	24.7	19.8	29.6



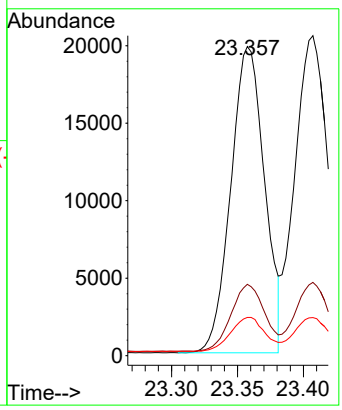


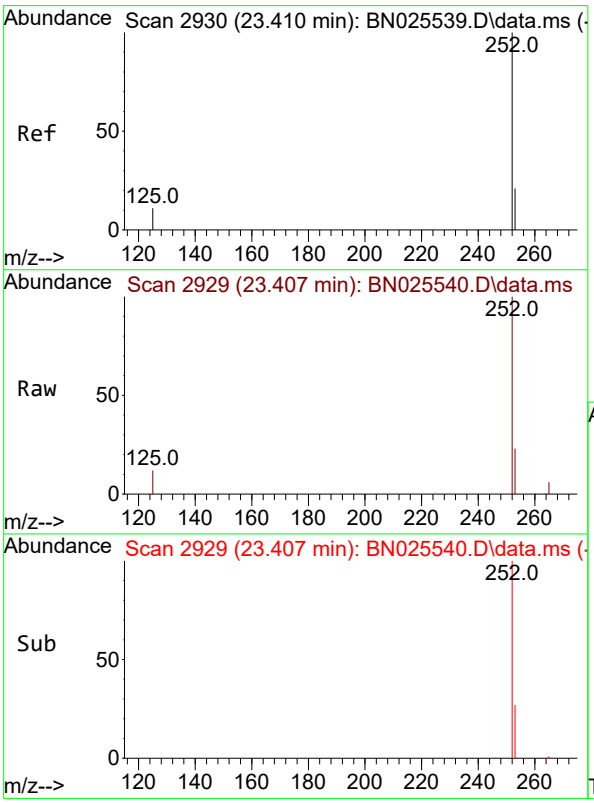
#37
Benzo(b)fluoranthene
Concen: 0.877 ng
RT: 23.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 35144

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.7	29.5
125	12.4	11.3	16.9

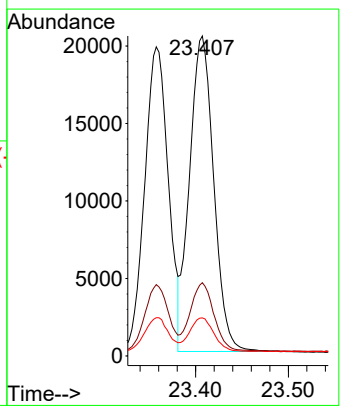


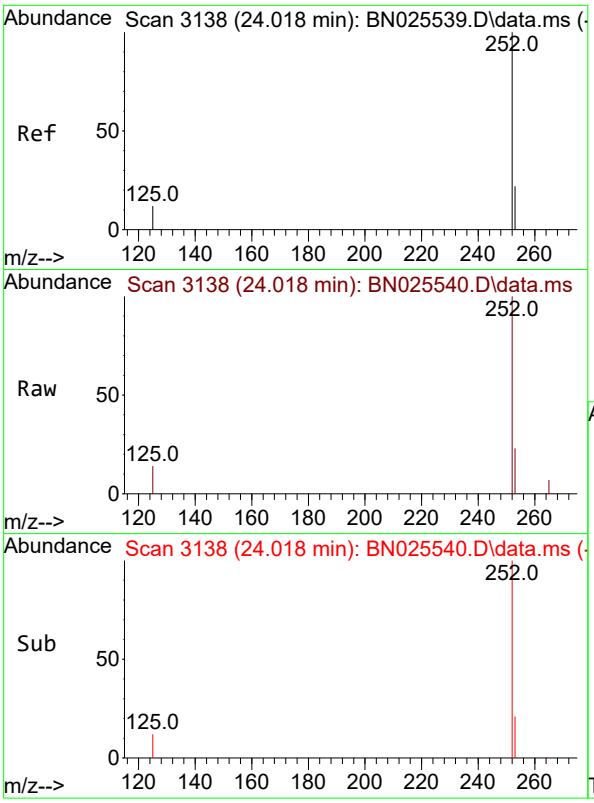


#38
Benzo(k)fluoranthene
Concen: 0.902 ng
RT: 23.407 min Scan# 2929
Delta R.T. -0.003 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:252 Resp: 36942

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	11.9	10.9	16.3



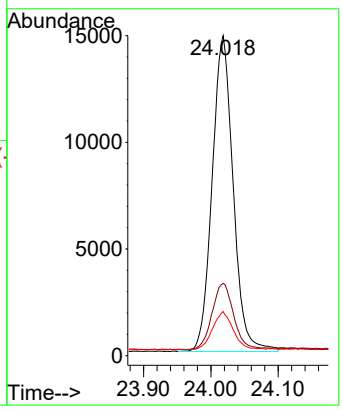


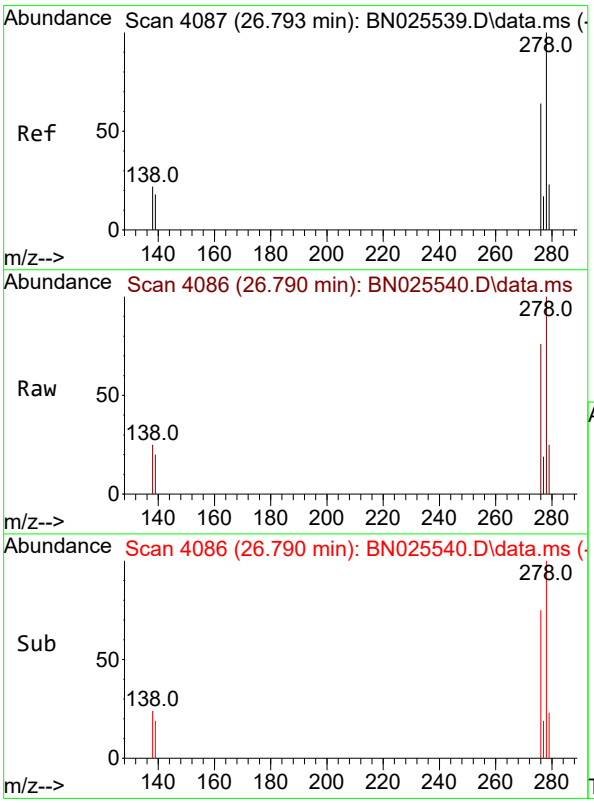
#39
Benzo(a)pyrene
Concen: 0.852 ng
RT: 24.018 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 32145

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.3	30.5
125	13.8	12.7	19.1

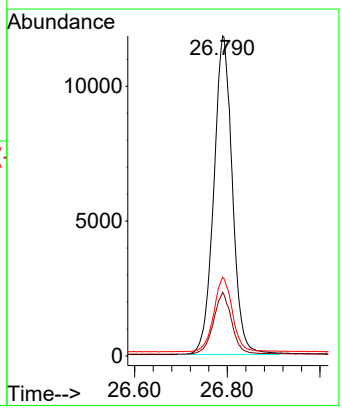


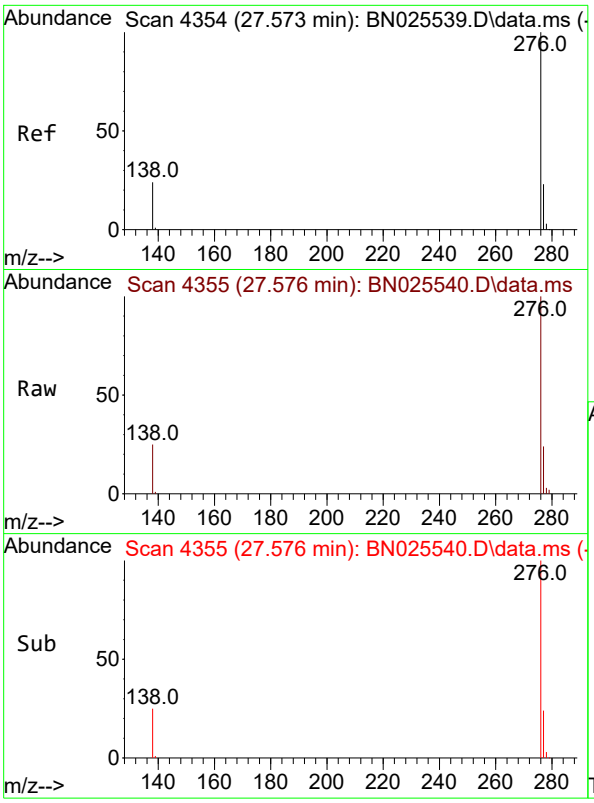


#40
Dibenzo(a,h)anthracene
Concen: 0.941 ng
RT: 26.790 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Tgt Ion:278 Resp: 32927

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.8	23.6
279	24.6	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.926 ng
RT: 27.576 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN025540.D
Acq: 22 May 2023 16:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 34167

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	25.3	20.6	30.8