Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025548.D
Acq On : 22 May 2023 21:29
Operator : CG/JU
Sample : PB152882BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Quant Time: May 23 03:35:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	3474	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	9956	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	5864	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13222	0.400	ng		0.00
29) Chrysene-d12	21.616	240	9937	0.400	ng		0.00
35) Perylene-d12	24.135	264	10496	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3793	0.424	ng		0.00
5) Phenol-d6	7.211	99	4844	0.430	ng		0.00
8) Nitrobenzene-d5	9.234	82	3743	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.464	152	5933	0.406	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	979	0.400	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	10707	0.421	ng		0.00
27) Fluoranthene-d10	19.460	212	12346	0.394	ng		0.00
31) Terphenyl-d14	20.049	244	9042	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1654	0.411	ng		99
3) n-Nitrosodimethylamine	3.787	42	1766	0.370	ng		94
6) bis(2-Chloroethyl)ether	7.478	93	4333	0.420	ng		100
9) Naphthalene	10.931	128	11300	0.409	ng		99
10) Hexachlorobutadiene	11.230	225	2015	0.418	ng	#	98
12) 2-Methylnaphthalene	12.536	142	7932	0.406	ng		98
16) Acenaphthylene	14.416	152	11574	0.402	ng		99
17) Acenaphthene	14.758	154	8118	0.409	ng		99
18) Fluorene	15.735	166	10304	0.416	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	1275	0.364	ng		96
21) 4-Bromophenyl-phenylether	16.628	248	3205	0.409	ng		96
22) Hexachlorobenzene	16.740	284	2875	0.412	ng		98
23) Atrazine	16.889	200	2719	0.394	ng		98
24) Pentachlorophenol	17.087	266	1427	0.362	ng		99
25) Phenanthrene	17.472	178	17059	0.401	ng		100
26) Anthracene	17.572	178	15480	0.401	ng		99
28) Fluoranthene	19.490	202	18660	0.397	ng		100
30) Pyrene	19.848	202	18854	0.420	ng		100
32) Benzo(a)anthracene	21.598	228	16266	0.414	ng		99
33) Chrysene	21.652	228	16946	0.415	ng		100
34) Bis(2-ethylhexyl)phtha...	21.518	149	9932	0.406	ng		100
36) Indeno(1,2,3-cd)pyrene	26.764	276	20060	0.418	ng		98
37) Benzo(b)fluoranthene	23.413	252	17006	0.402	ng		98
38) Benzo(k)fluoranthene	23.413	252	16916	0.393	ng		99
39) Benzo(a)pyrene	24.015	252	15861	0.408	ng	#	95
40) Dibenzo(a,h)anthracene	26.796	278	16267	0.418	ng		98
41) Benzo(g,h,i)perylene	27.576	276	16504	0.403	ng		99

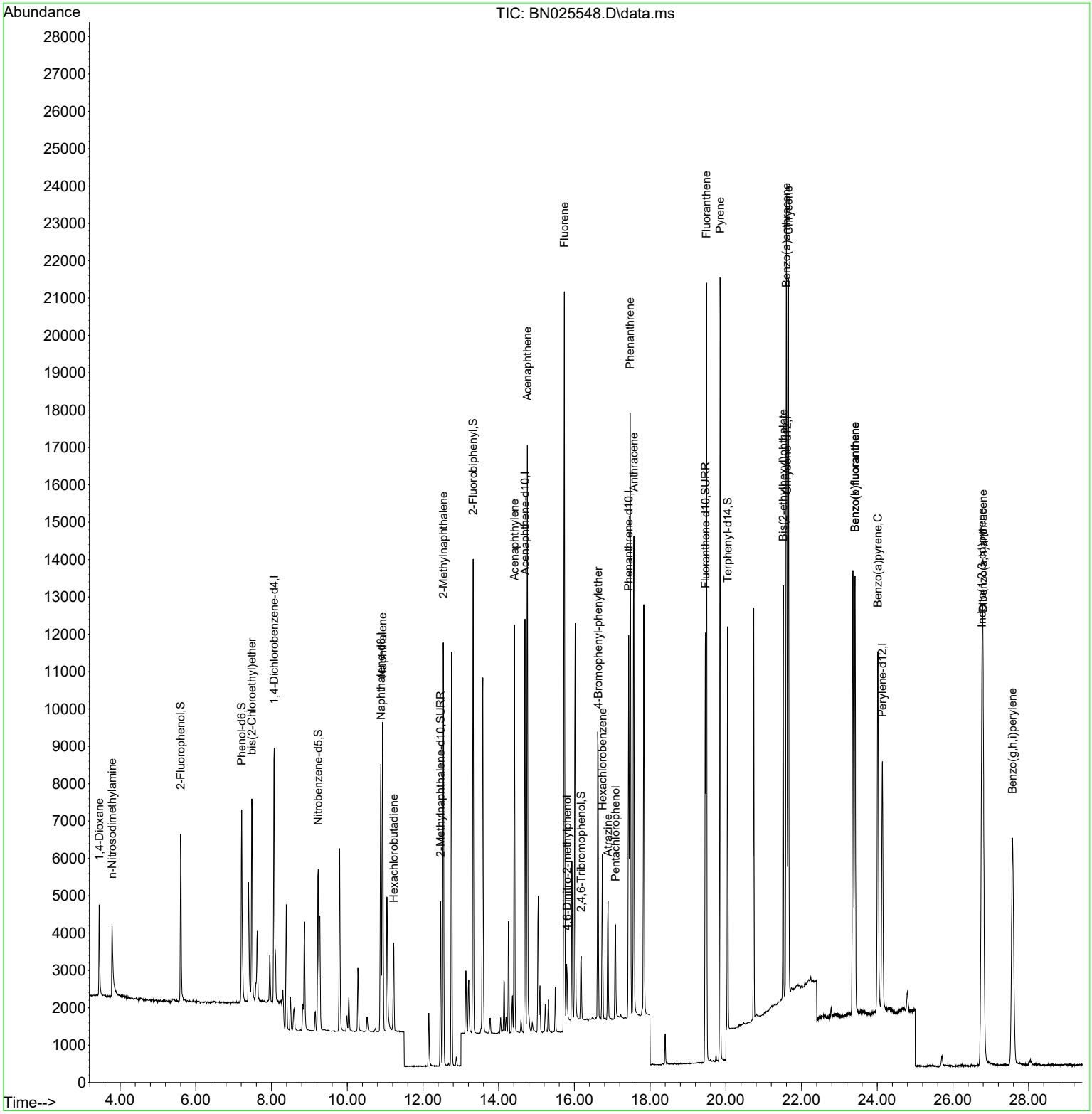
(#) = qualifier out of range (m) = manual integration (+) = signals summed

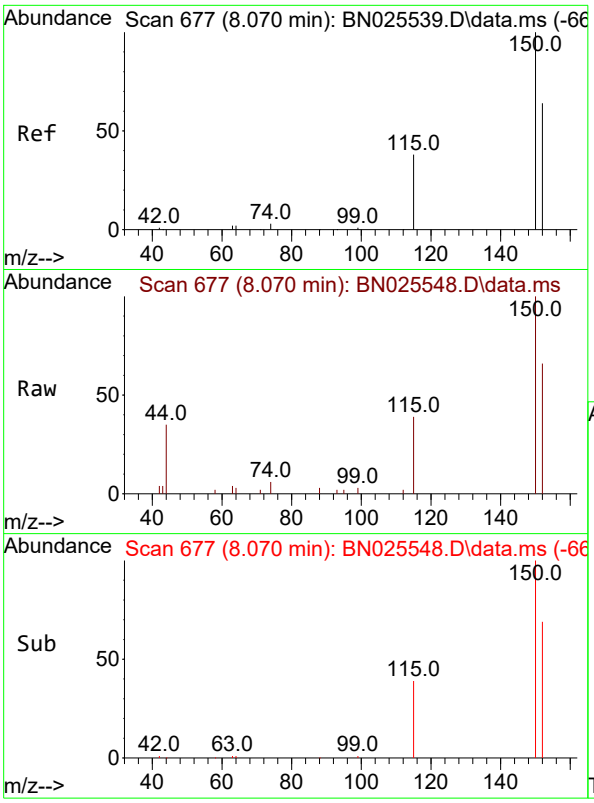
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025548.D
Acq On : 22 May 2023 21:29
Operator : CG/JU
Sample : PB152882BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Quant Time: May 23 03:35:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration



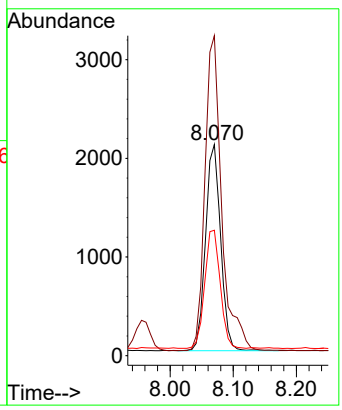


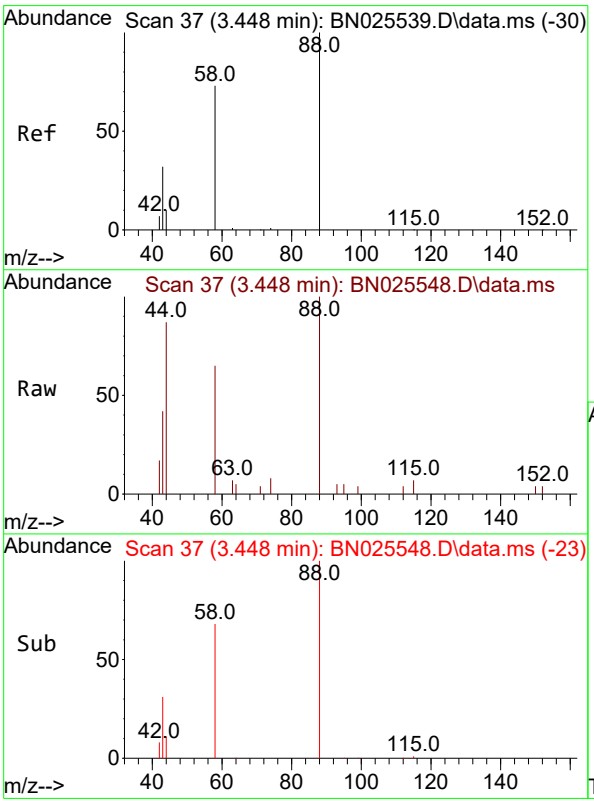
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:152 Resp: 3474

Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.6	187.0
115	59.4	49.1	73.7

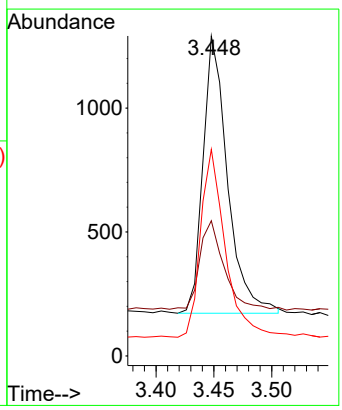


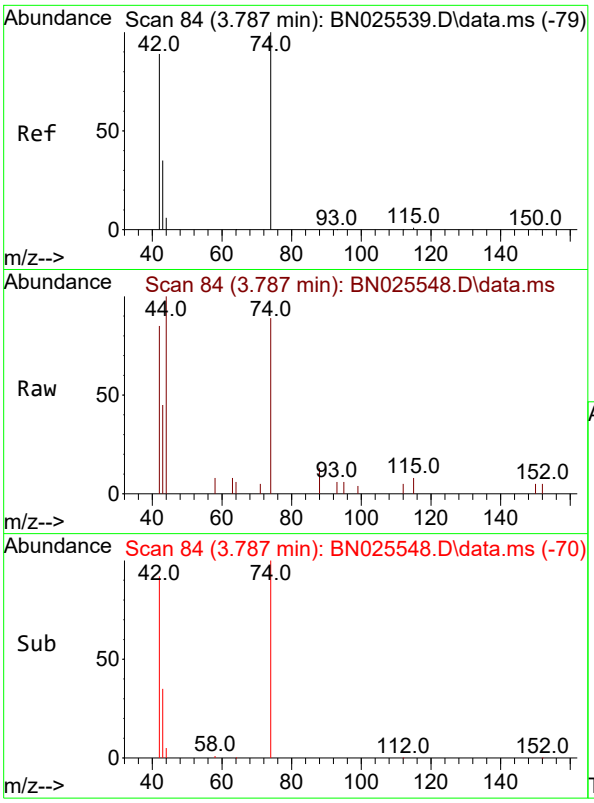


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion: 88 Resp: 1654

Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.8	38.8
58	68.4	54.9	82.3



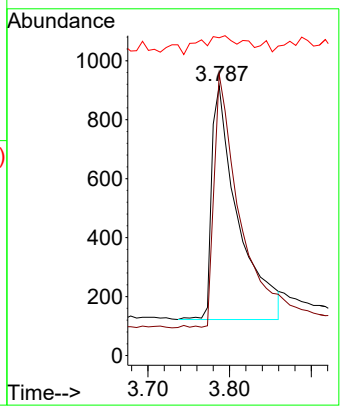


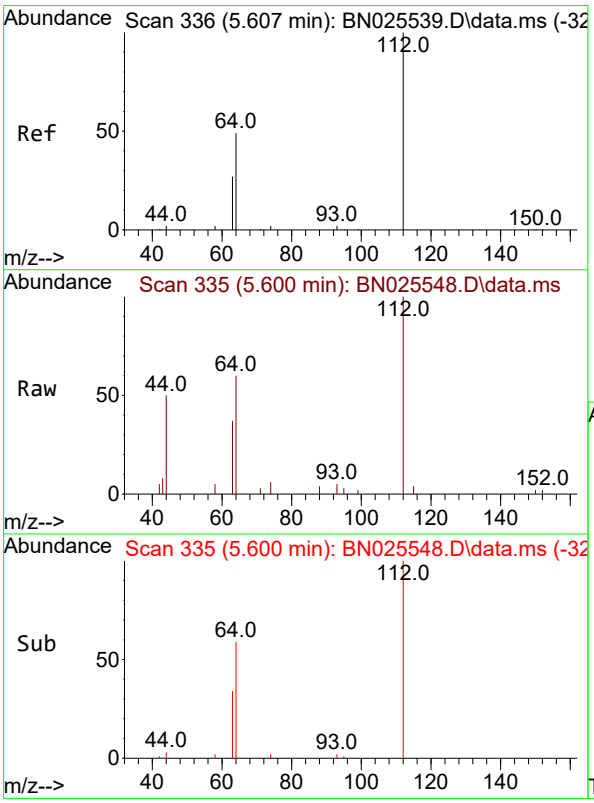
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.787 min Scan# 84
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion: 42 Resp: 1766

Ion	Ratio	Lower	Upper
42	100		
74	105.4	89.7	134.5
44	10.3	7.5	11.3

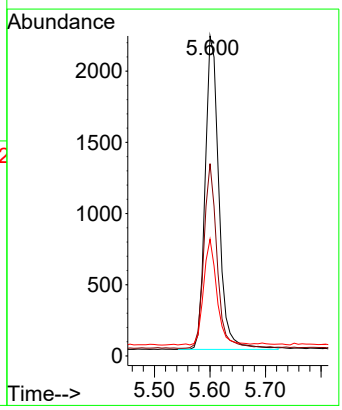


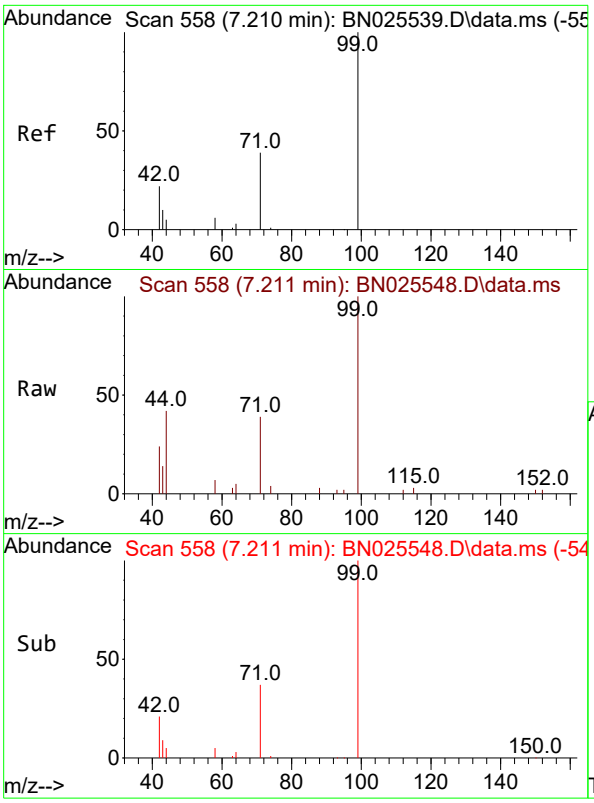


#4
2-Fluorophenol
Concen: 0.424 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:112 Resp: 3793

Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.2	66.4
63	32.4	25.4	38.2



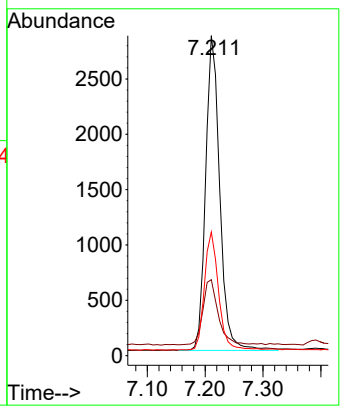


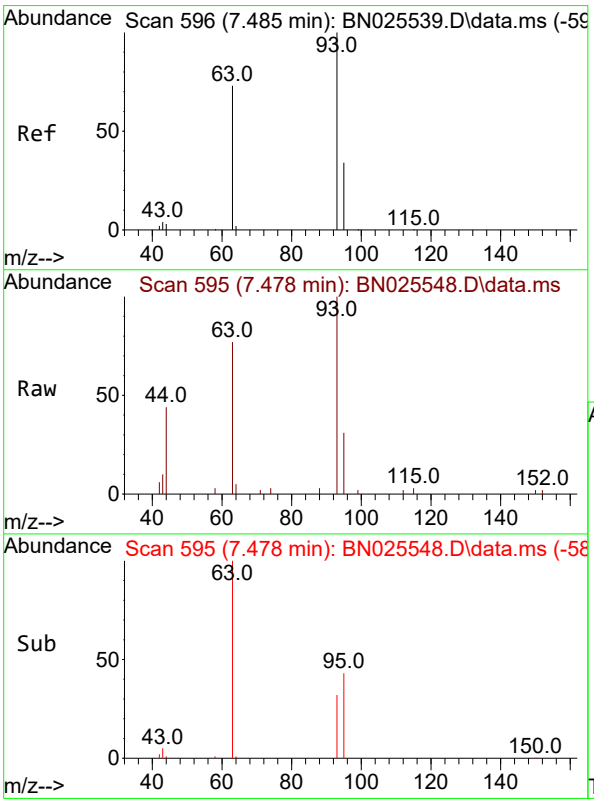
#5
Phenol-d6
Concen: 0.430 ng
RT: 7.211 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion: 99 Resp: 4844

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.5	26.3
71	37.2	30.1	45.1

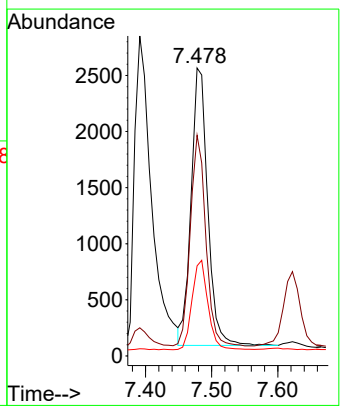


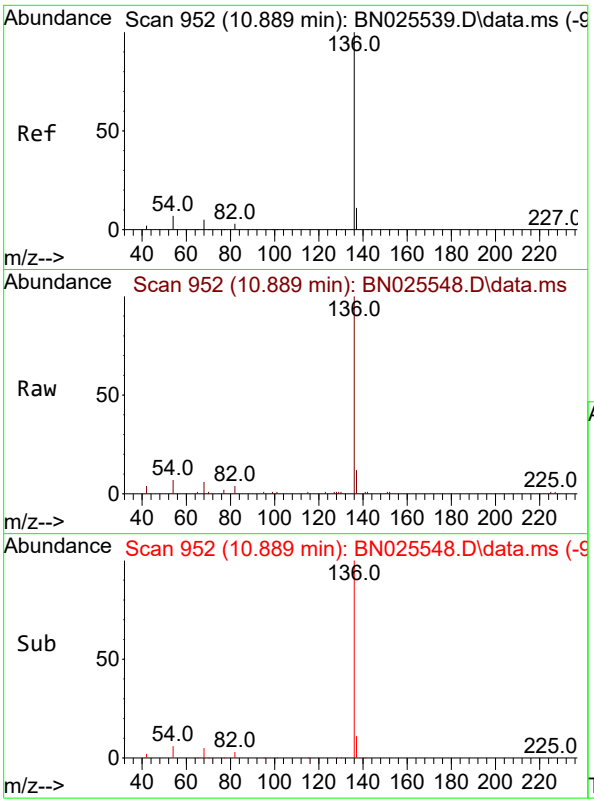


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.478 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion: 93 Resp: 4333

Ion	Ratio	Lower	Upper
93	100		
63	70.8	56.9	85.3
95	30.8	24.9	37.3



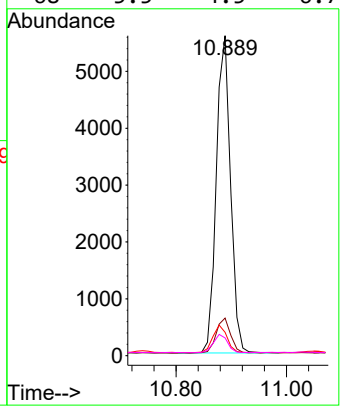


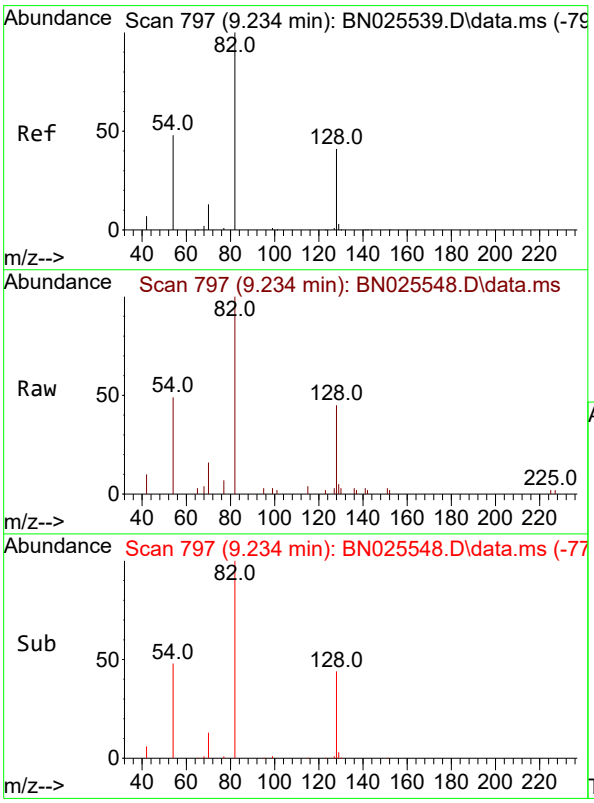
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:136 Resp: 9956

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.3	6.2	9.4
68	5.5	4.5	6.7

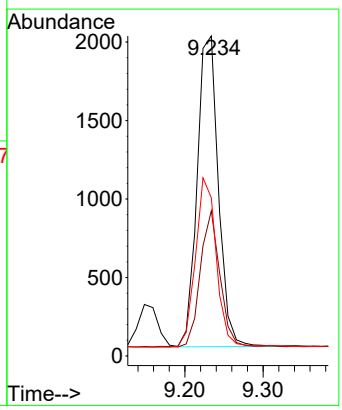


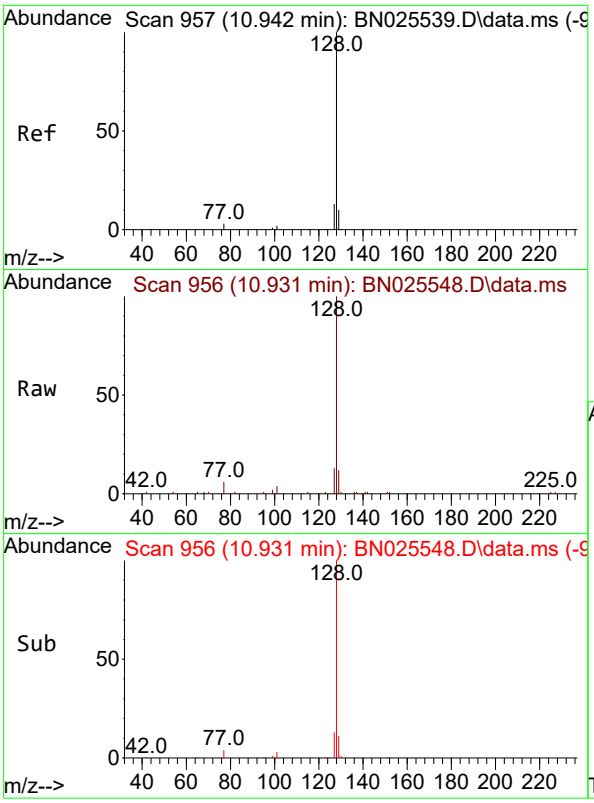


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion: 82 Resp: 3743

Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.8	50.8
54	49.4	39.8	59.6



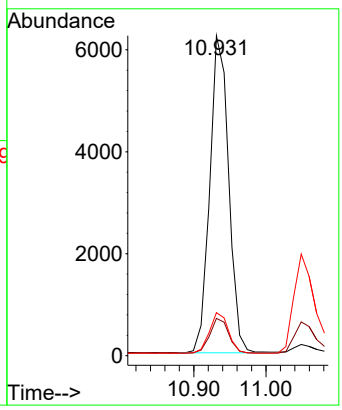


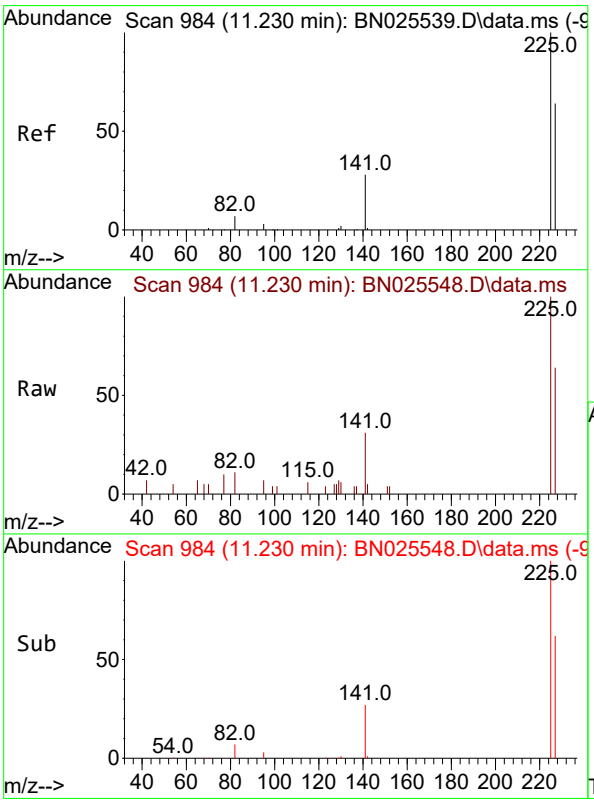
#9
Naphthalene
Concen: 0.409 ng
RT: 10.931 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:128 Resp: 11300

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.5	10.6	15.8

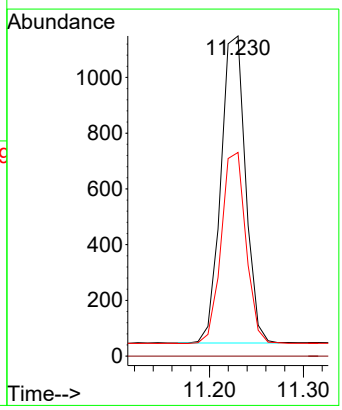


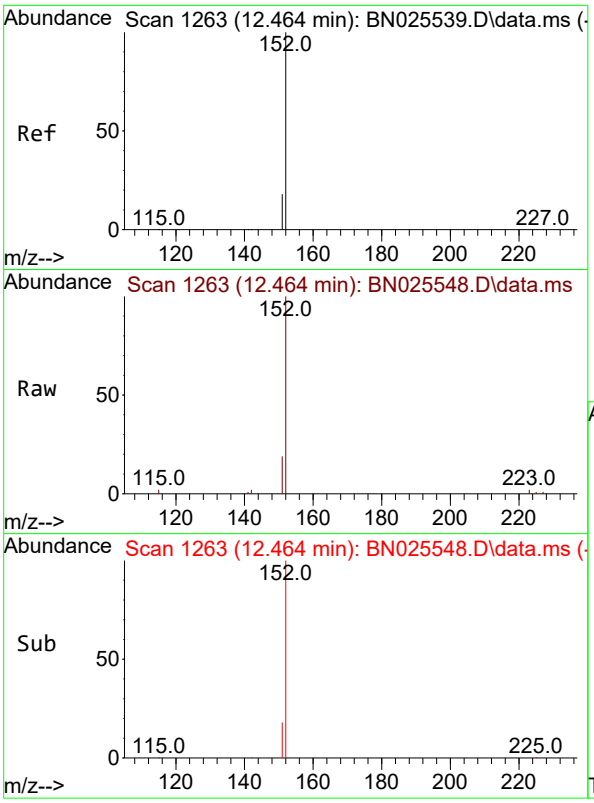


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 11.230 min Scan# 984
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:225 Resp: 2015

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	51.0	76.6



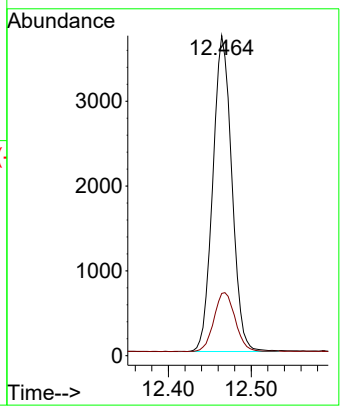


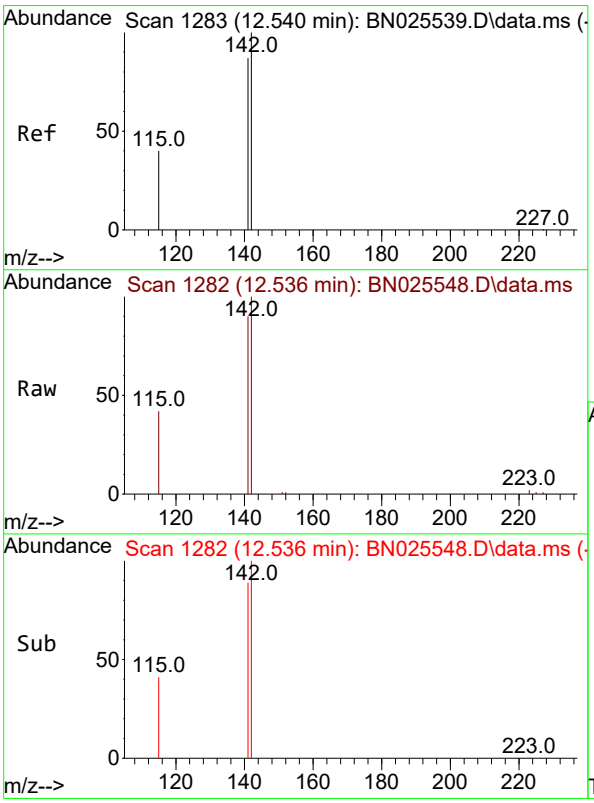
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.464 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:152 Resp: 5933

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

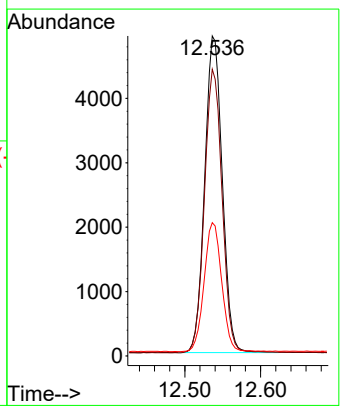


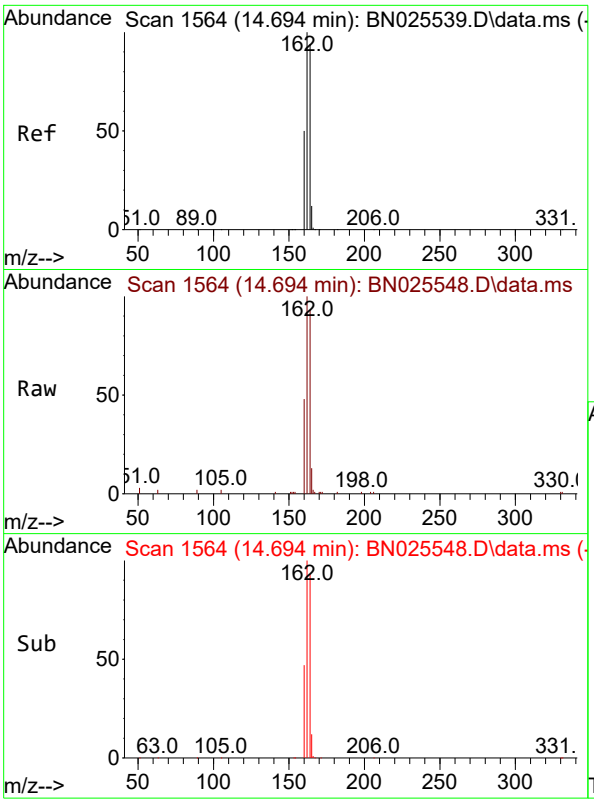


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:142 Resp: 7932

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.1	105.1
115	41.7	32.8	49.2



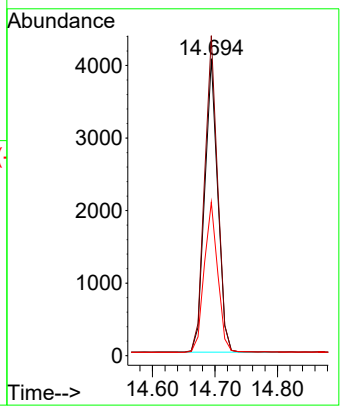


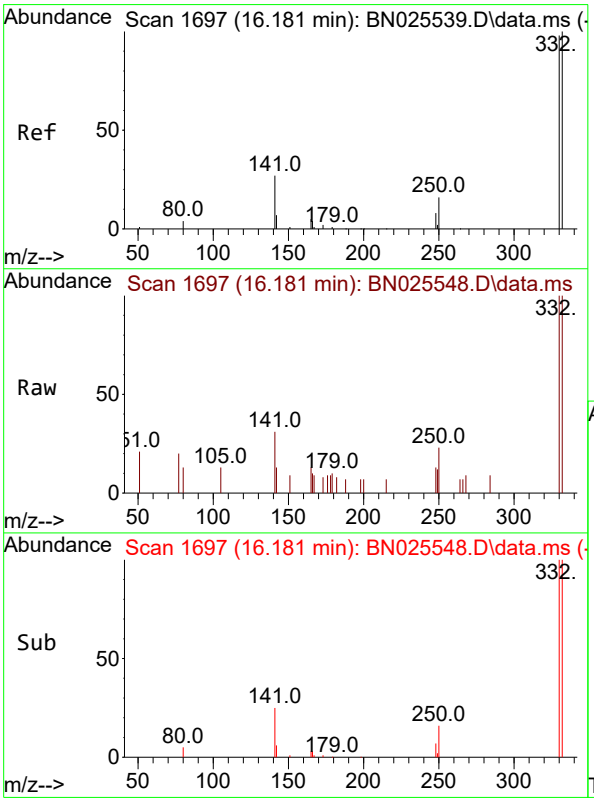
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:164 Resp: 5864

Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.5	128.3
160	51.7	42.9	64.3

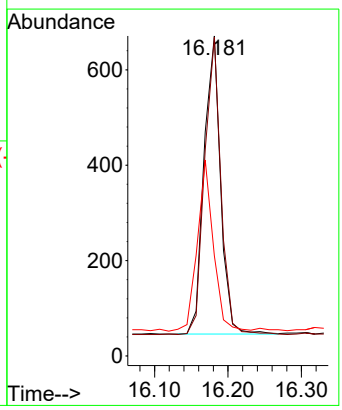


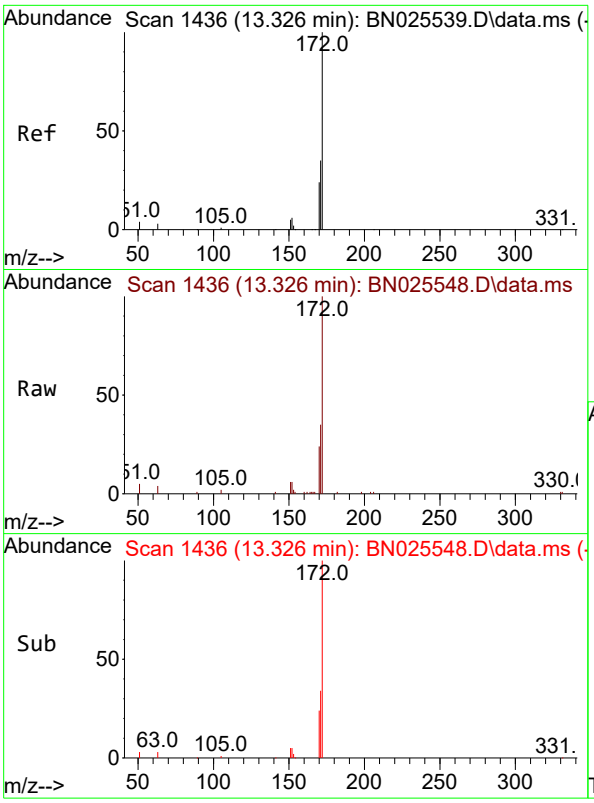


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:330 Resp: 979

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.7	115.1
141	55.8	43.0	64.6



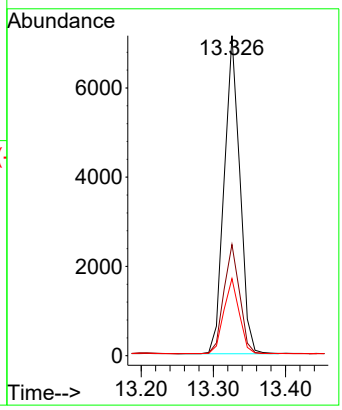


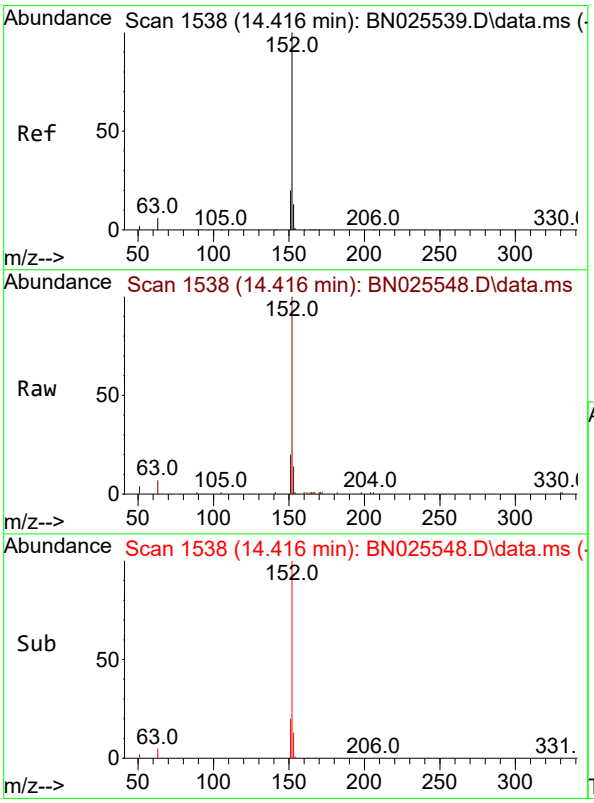
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.326 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:172 Resp: 10707

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	24.1	19.3	28.9

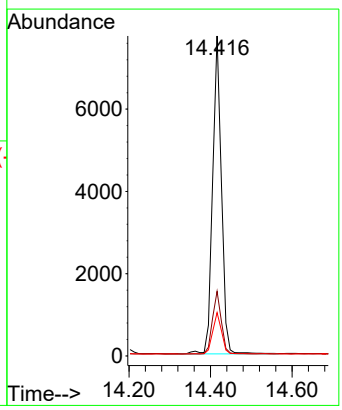


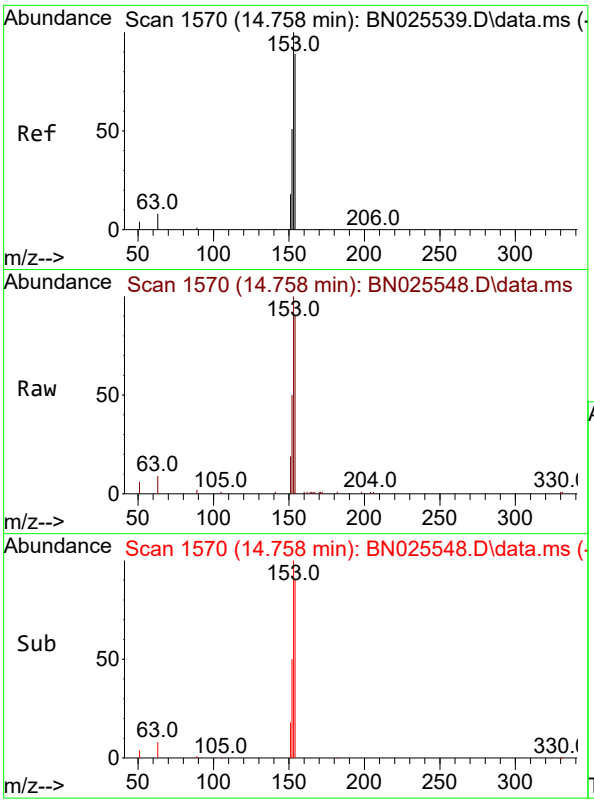


#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.416 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:152 Resp: 11574

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	13.2	10.4	15.6



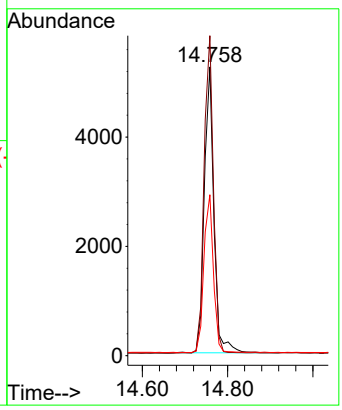


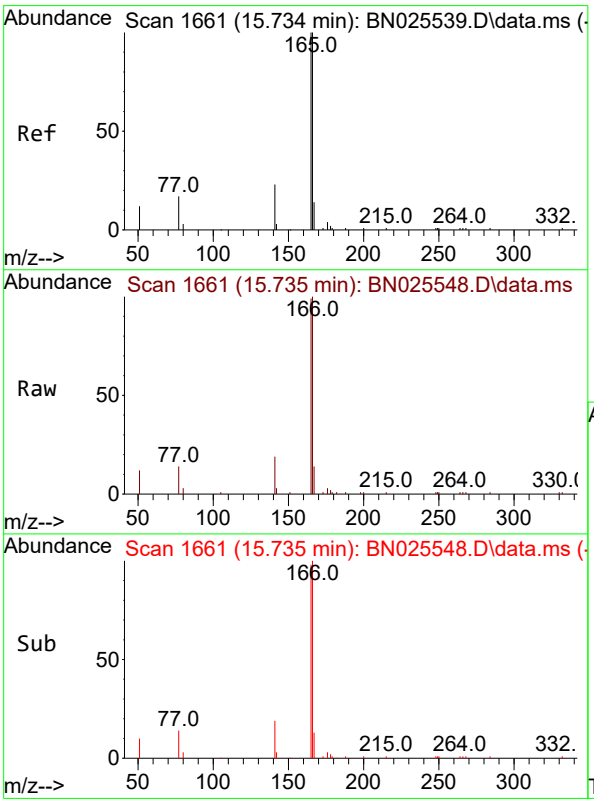
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.758 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:154 Resp: 8118

Ion	Ratio	Lower	Upper
154	100		
153	108.3	85.4	128.2
152	55.3	44.3	66.5

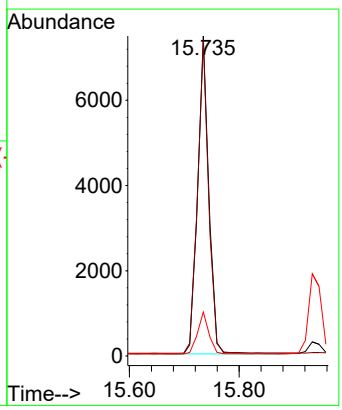


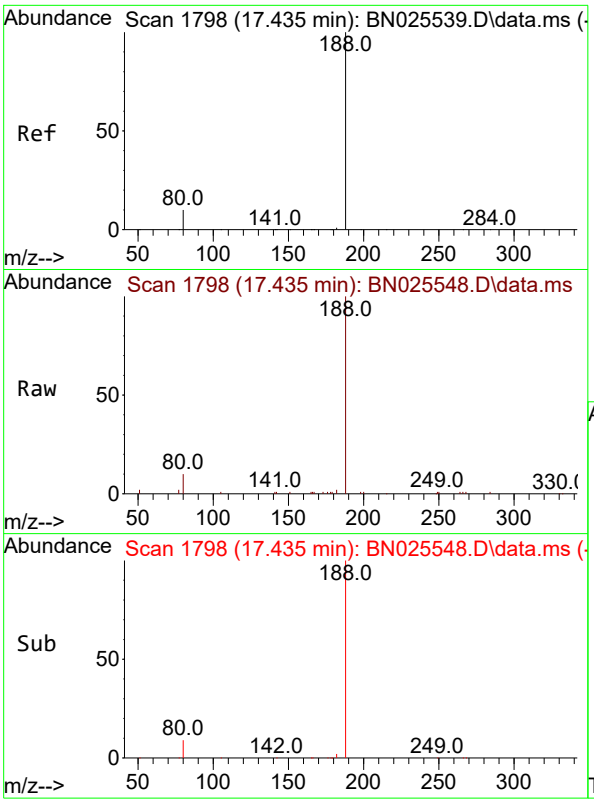


#18
Fluorene
Concen: 0.416 ng
RT: 15.735 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:166 Resp: 10304

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.1	118.7
167	13.1	10.8	16.2



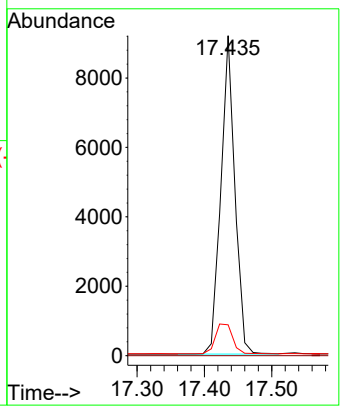


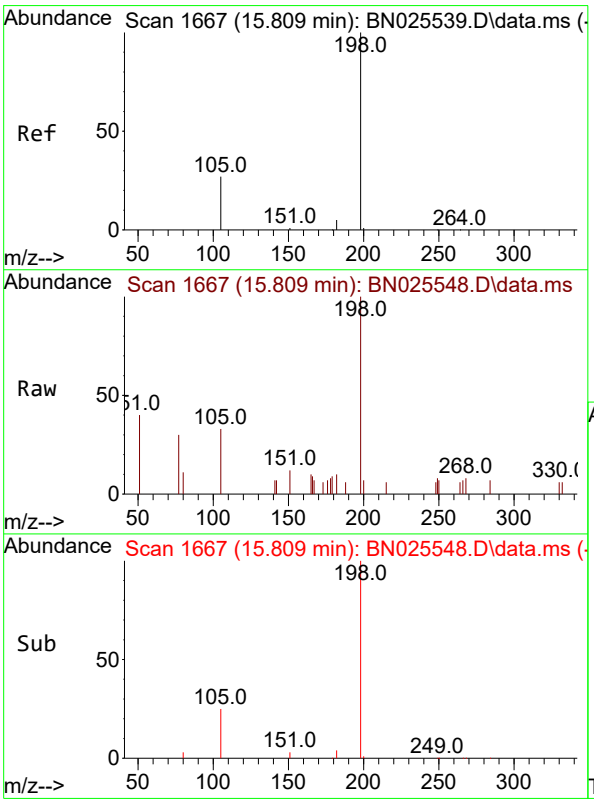
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:188 Resp: 13222

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	8.8	13.2

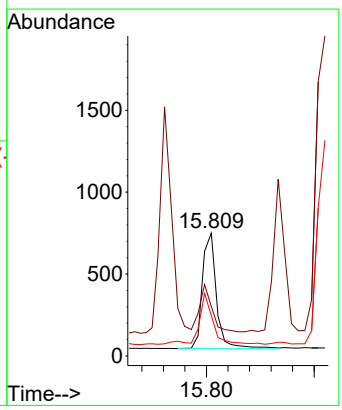


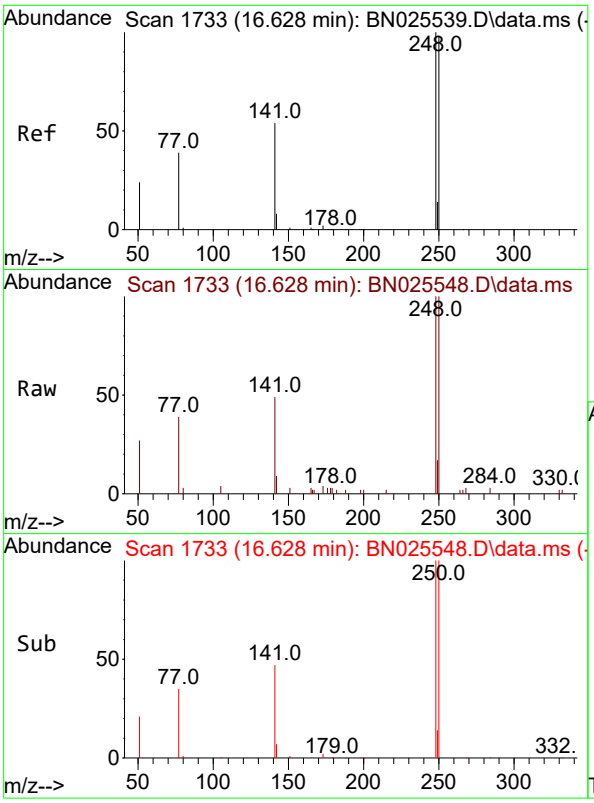


#20
4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 15.809 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:198 Resp: 1275

Ion	Ratio	Lower	Upper
198	100		
51	40.3	31.7	47.5
105	32.8	29.2	43.8



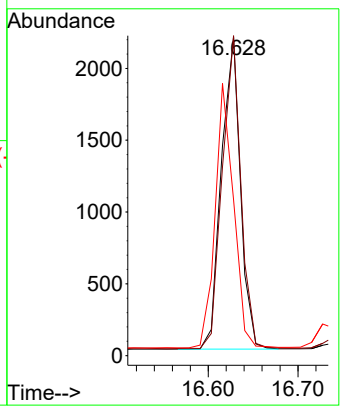


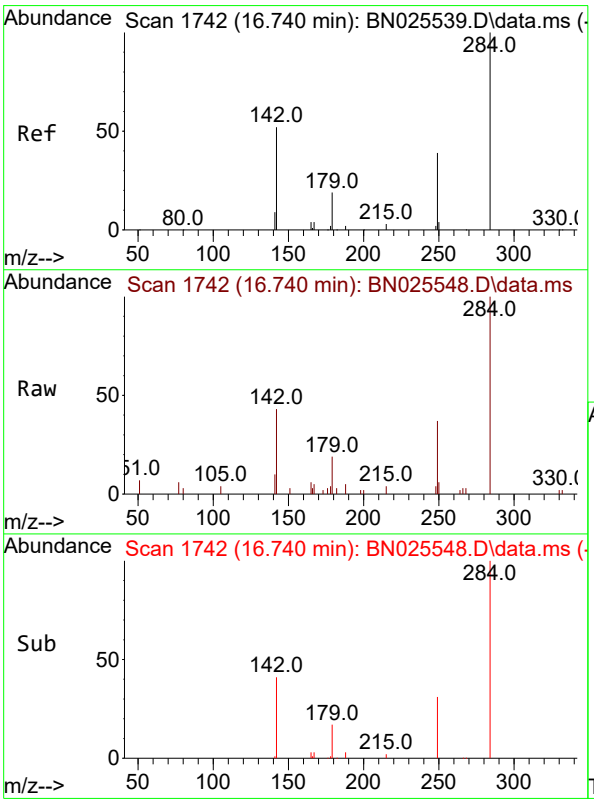
#21
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:248 Resp: 3205

Ion	Ratio	Lower	Upper
248	100		
250	100.4	78.9	118.3
141	48.9	43.9	65.9

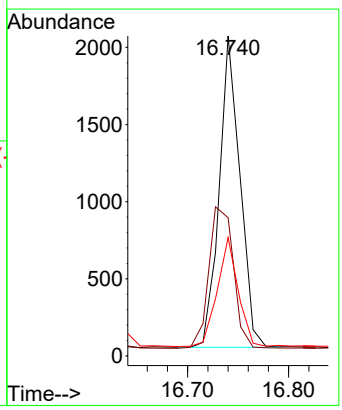


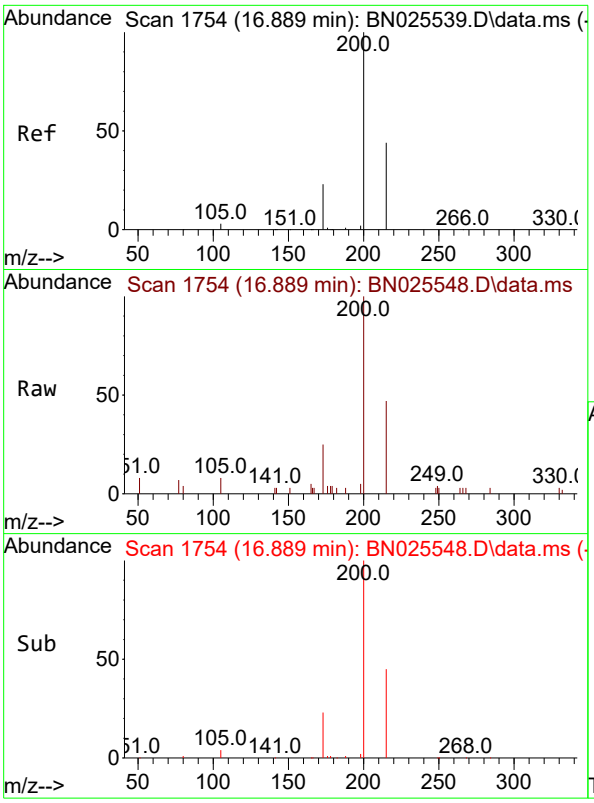


#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.740 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:284 Resp: 2875

Ion	Ratio	Lower	Upper
284	100		
142	53.9	41.6	62.4
249	35.2	28.3	42.5



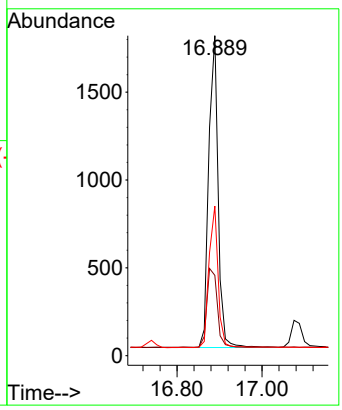


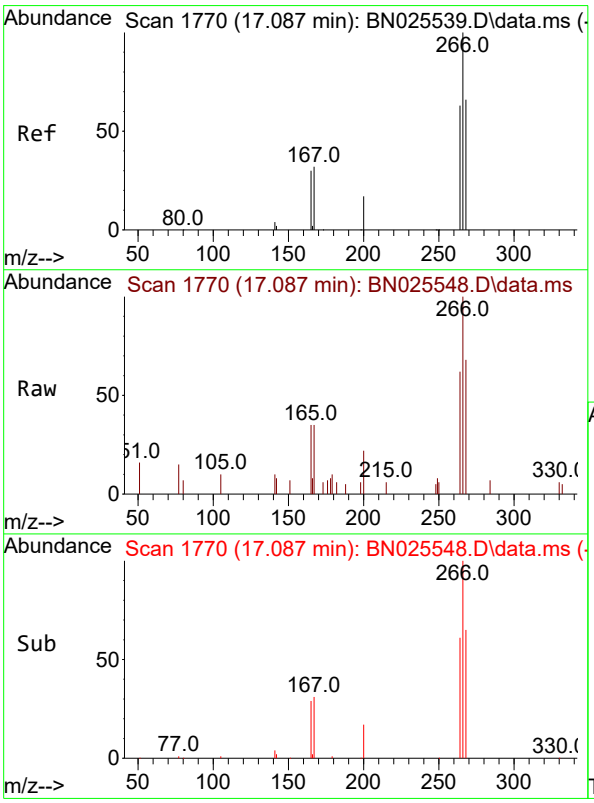
#23
Atrazine
Concen: 0.394 ng
RT: 16.889 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:200 Resp: 2719

Ion	Ratio	Lower	Upper
200	100		
173	25.1	20.2	30.4
215	46.8	35.8	53.8

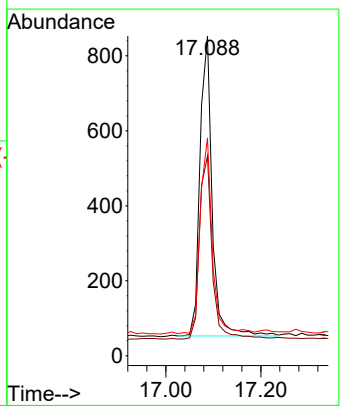


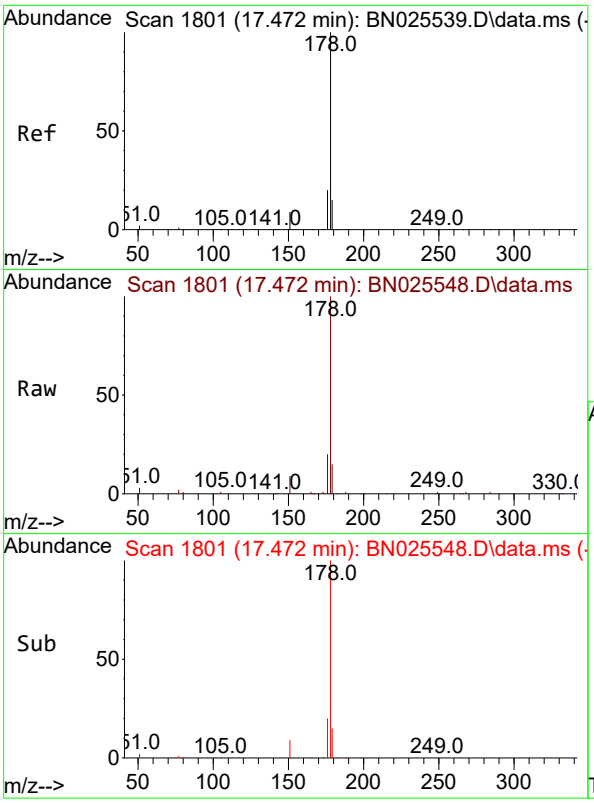


#24
Pentachlorophenol
Concen: 0.362 ng
RT: 17.087 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:266 Resp: 1427

Ion	Ratio	Lower	Upper
266	100		
264	63.5	51.3	76.9
268	64.5	51.2	76.8



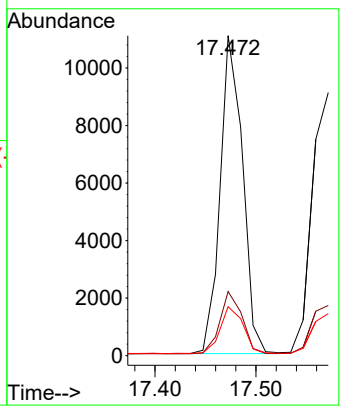


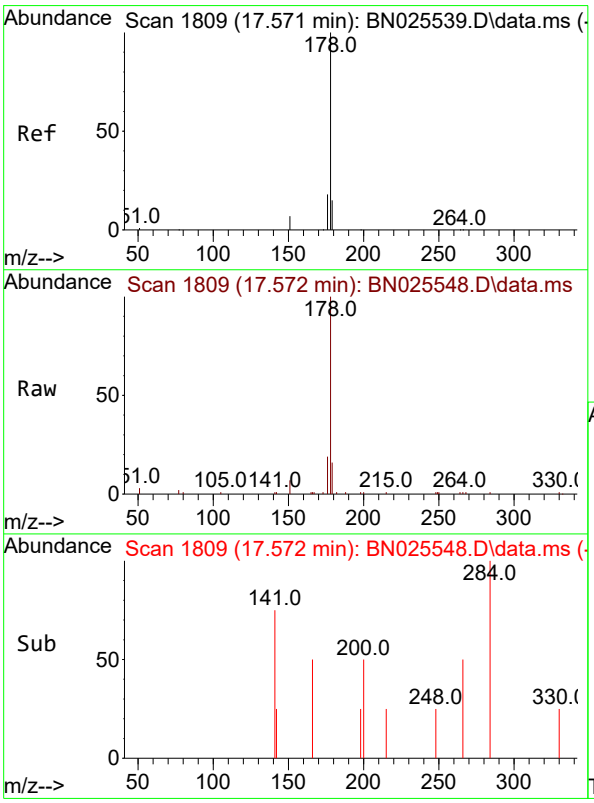
#25
Phenanthrene
Concen: 0.401 ng
RT: 17.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:178 Resp: 17059

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7

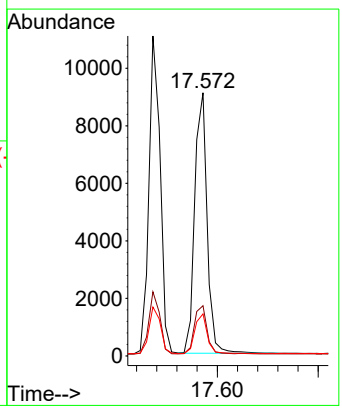


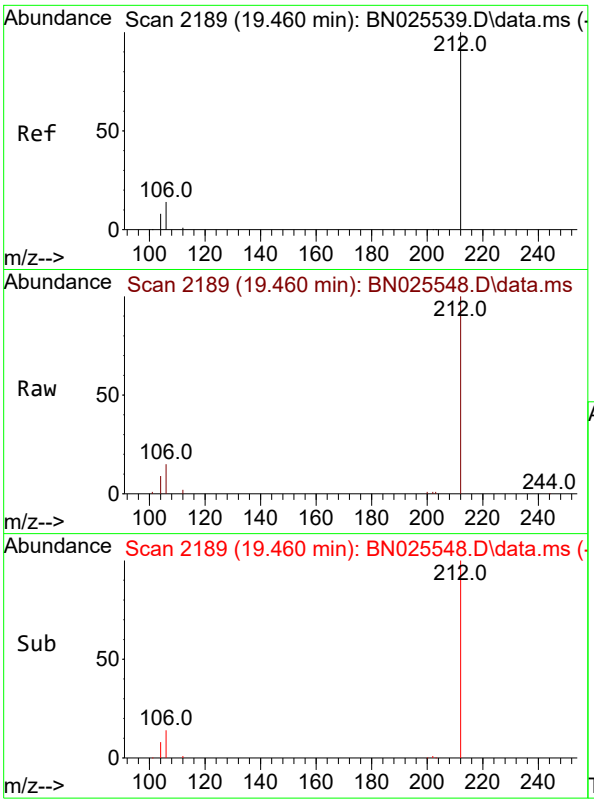


#26
Anthracene
Concen: 0.401 ng
RT: 17.572 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:178 Resp: 15480

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	15.1	12.3	18.5



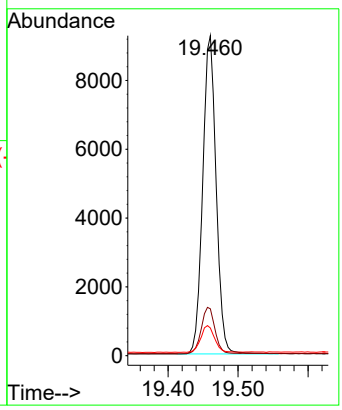


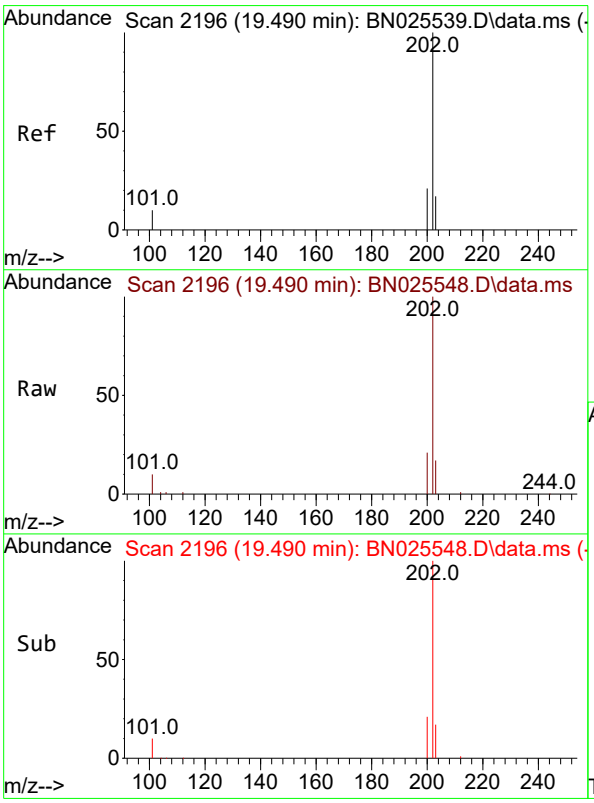
#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.460 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:212 Resp: 12346

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.4	17.2
104	8.5	6.8	10.2

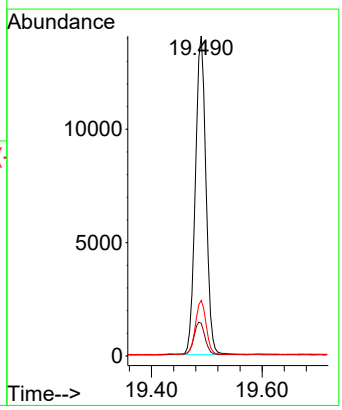


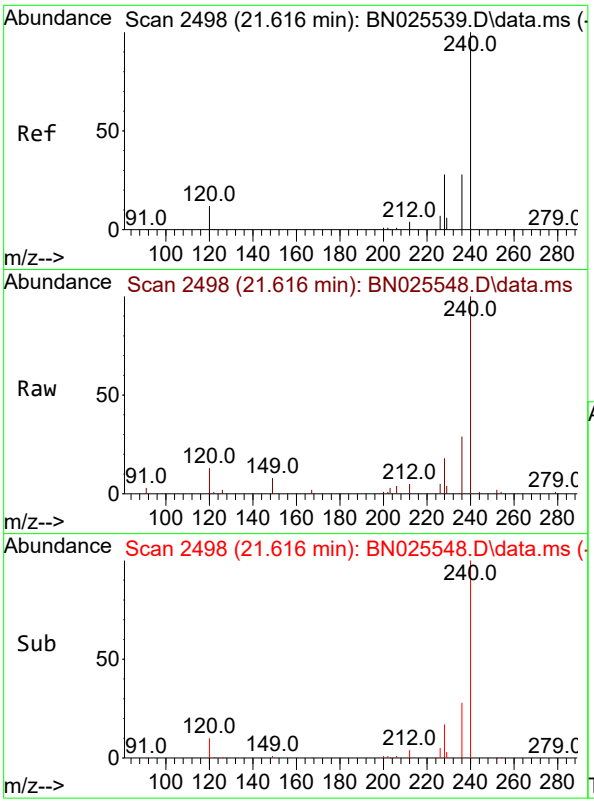


#28
Fluoranthene
Concen: 0.397 ng
RT: 19.490 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:202 Resp: 18660

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.6	12.8
203	17.0	13.7	20.5



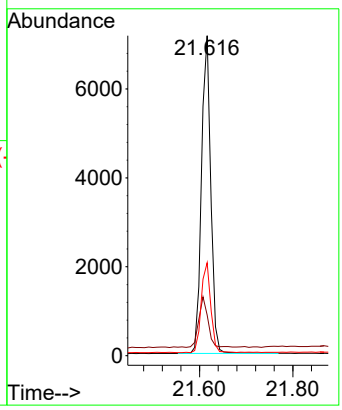


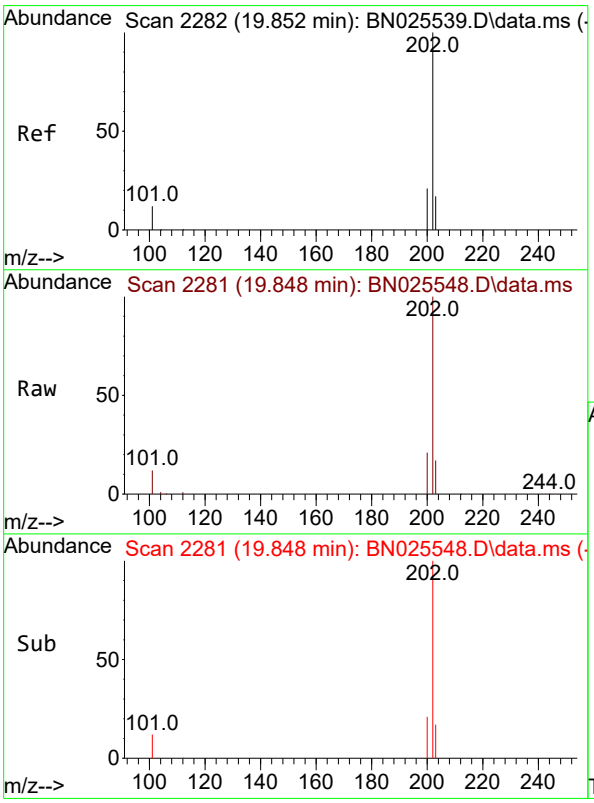
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:240 Resp: 9937

Ion	Ratio	Lower	Upper
240	100		
120	12.7	11.7	17.5
236	29.0	23.0	34.6

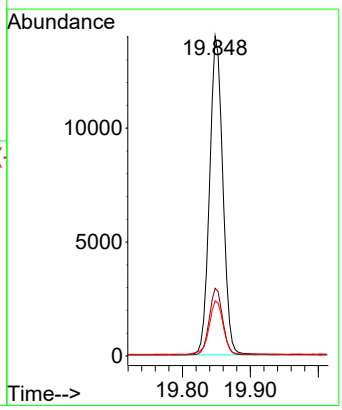


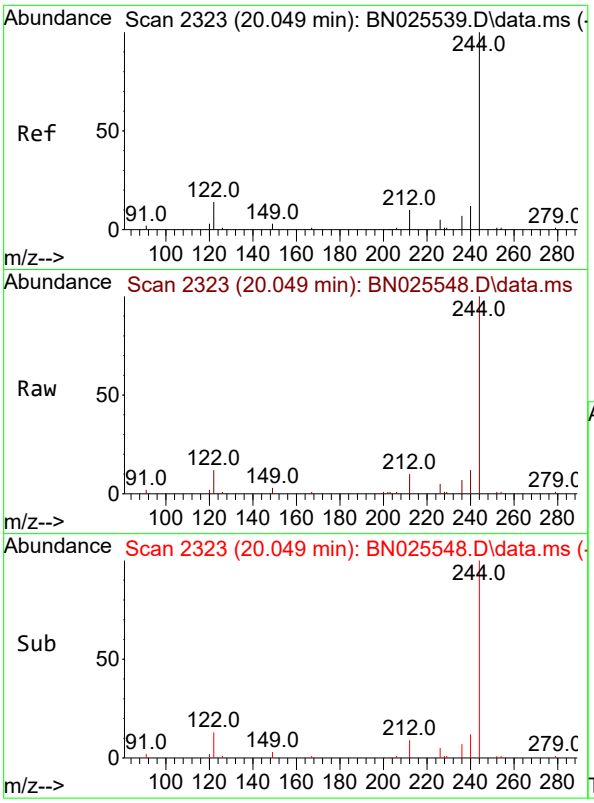


#30
Pyrene
Concen: 0.420 ng
RT: 19.848 min Scan# 2281
Delta R.T. -0.004 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:202 Resp: 18854

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



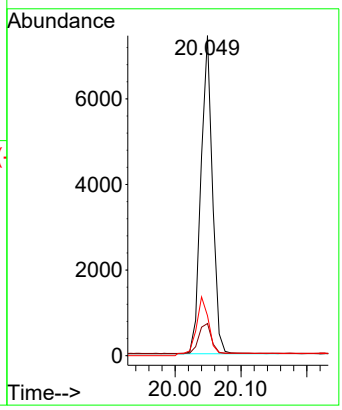


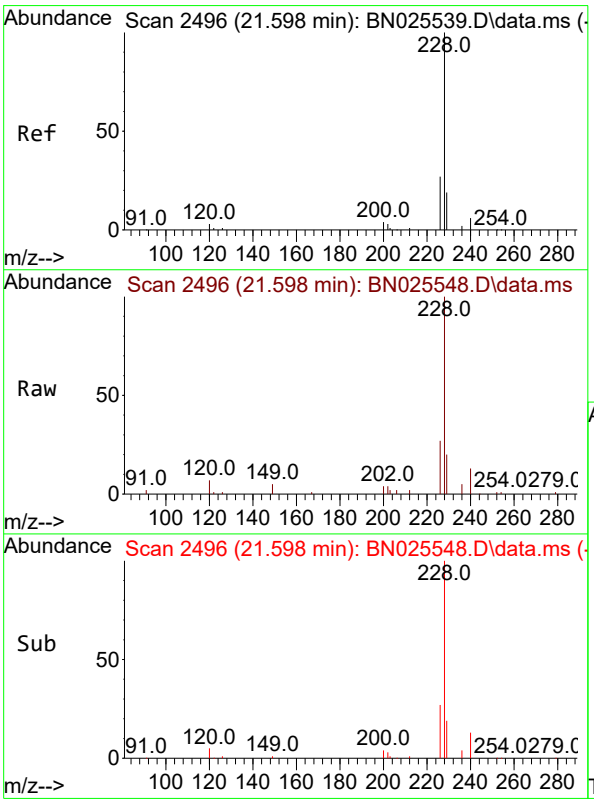
#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.049 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:244 Resp: 9042

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.4	12.6
122	12.5	11.4	17.0

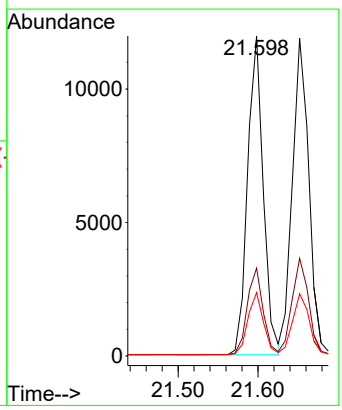


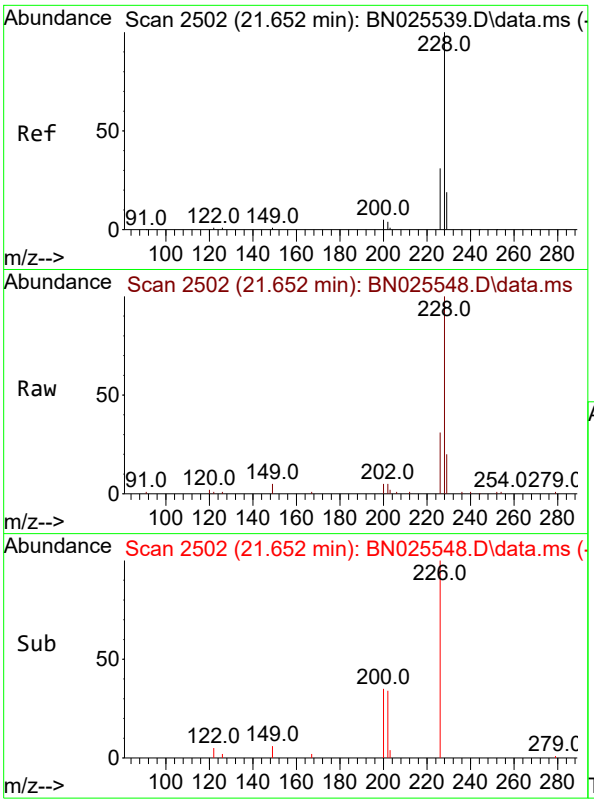


#32
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.598 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:228 Resp: 16266

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.8	15.4	23.2



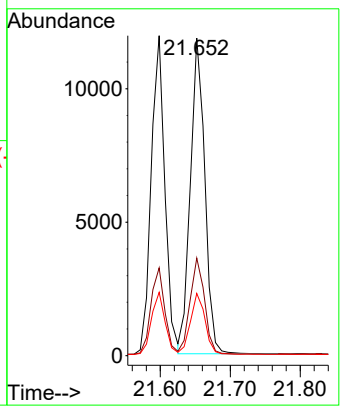


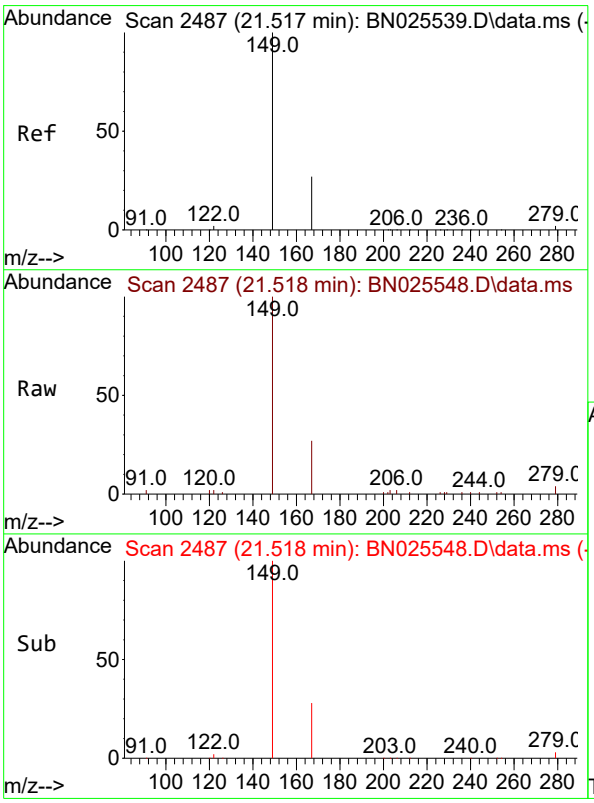
#33
Chrysene
Concen: 0.415 ng
RT: 21.652 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:228 Resp: 16946

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	19.6	15.7	23.5

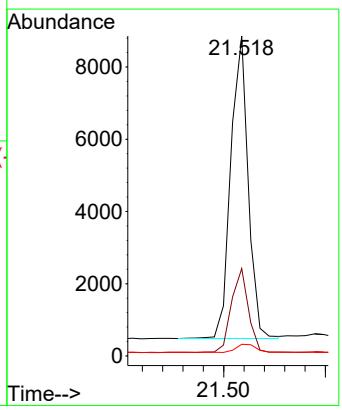


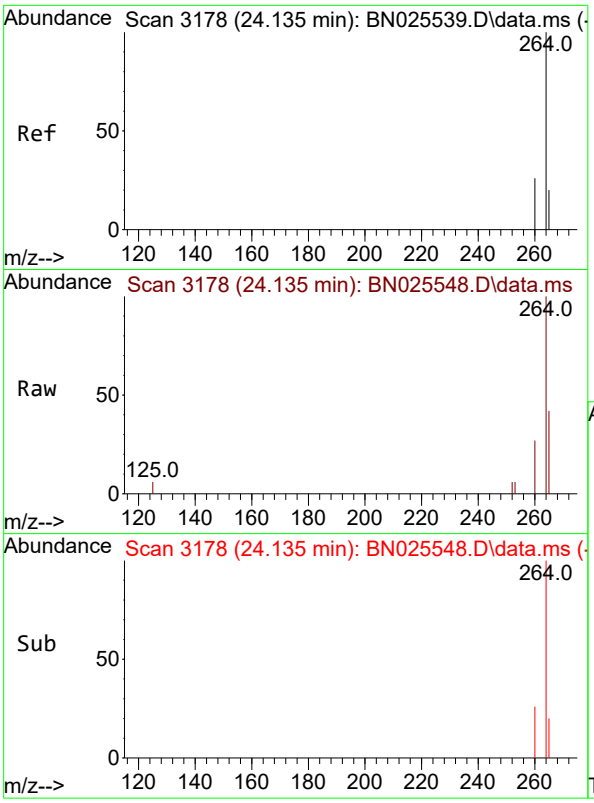


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.518 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:149 Resp: 9932

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.5	32.3
279	3.5	2.6	4.0



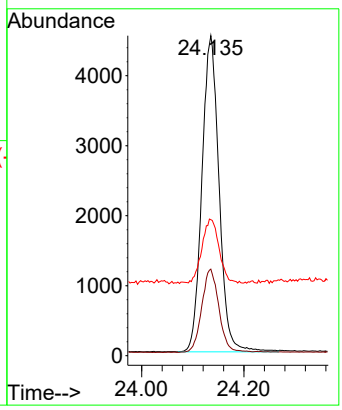


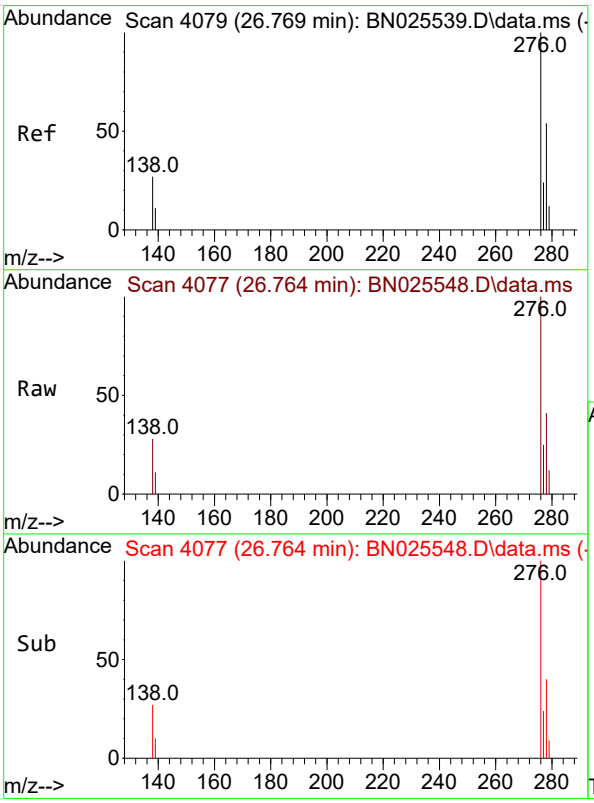
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.135 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:264 Resp: 10496

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.1	31.7
265	42.5	35.5	53.3

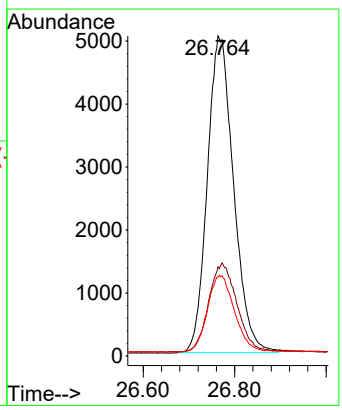


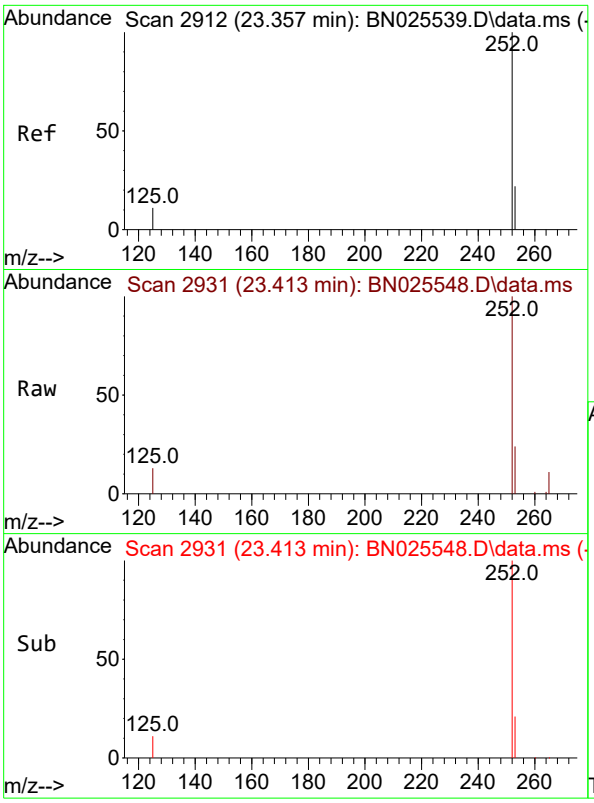


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 26.764 min Scan# 4077
Delta R.T. -0.006 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:276 Resp: 20060

Ion	Ratio	Lower	Upper
276	100		
138	30.0	22.8	34.2
277	24.7	19.8	29.6



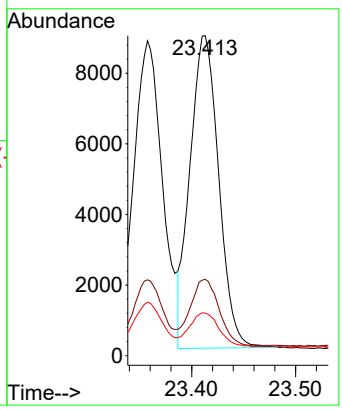


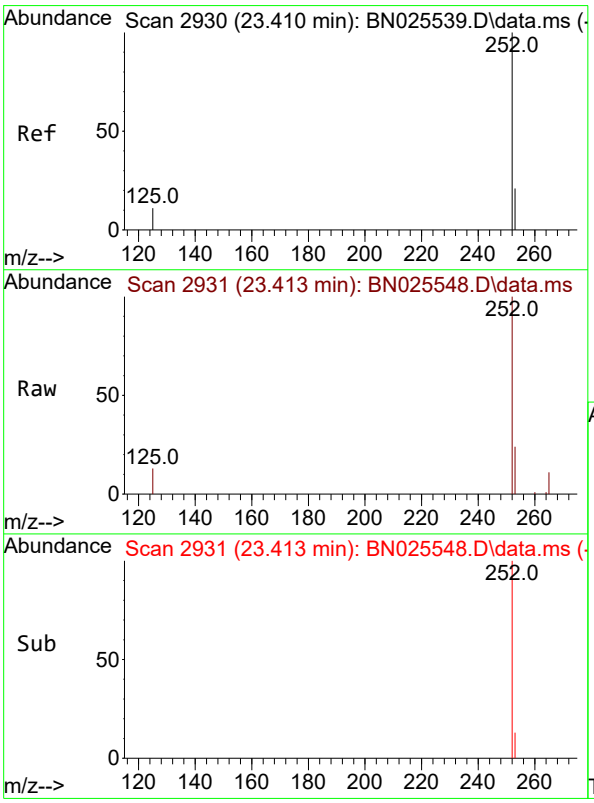
#37
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.413 min Scan# 2
Delta R.T. 0.056 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:252 Resp: 17006

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.7	29.5
125	13.3	11.3	16.9

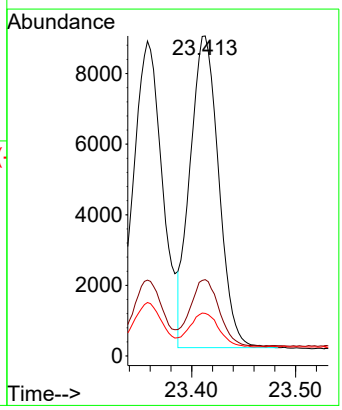


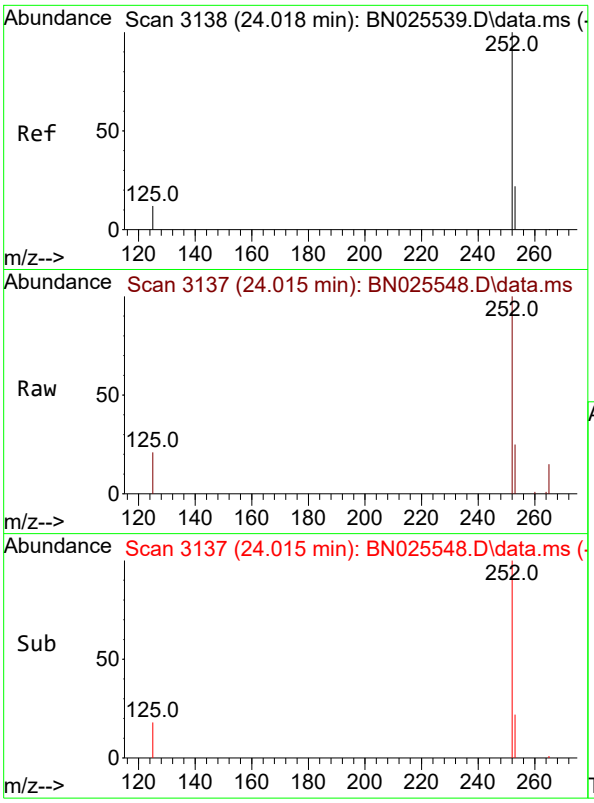


#38
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.413 min Scan# 2931
Delta R.T. 0.003 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:252 Resp: 16916

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	13.3	10.9	16.3



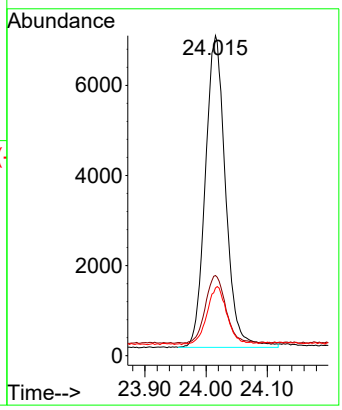


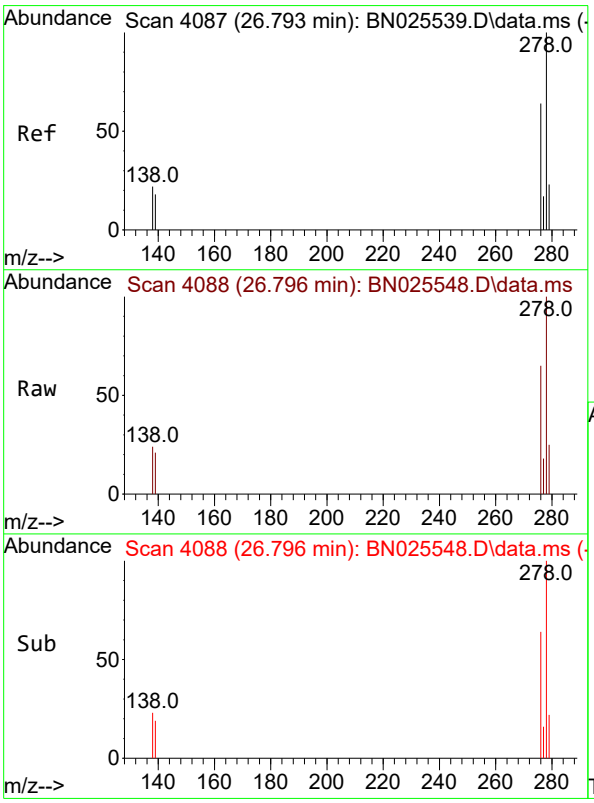
#39
Benzo(a)pyrene
Concen: 0.408 ng
RT: 24.015 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:252 Resp: 15861

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.3	30.5
125	21.1	12.7	19.1#

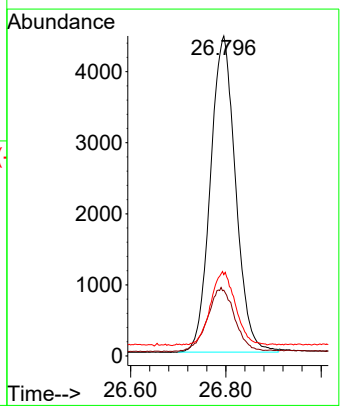


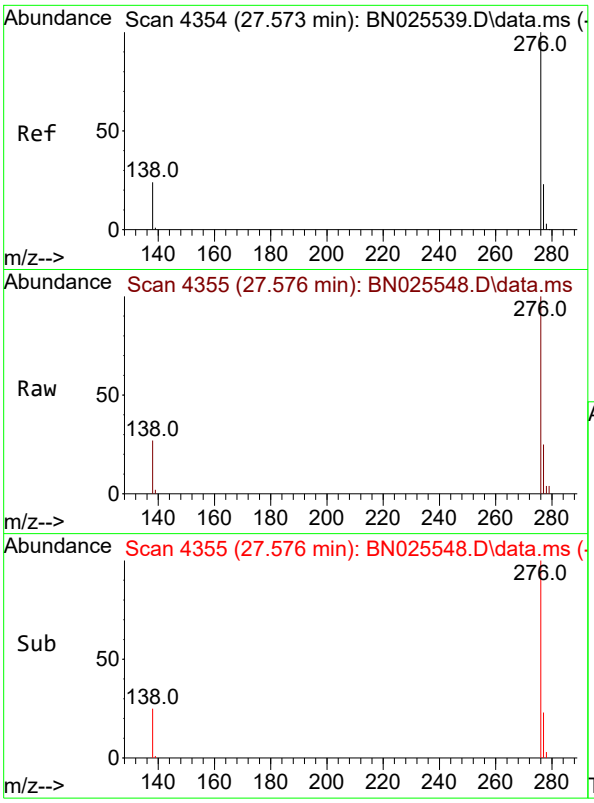


#40
Dibenzo(a,h)anthracene
Concen: 0.418 ng
RT: 26.796 min Scan# 4088
Delta R.T. 0.003 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Tgt Ion:278 Resp: 16267

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.8	23.6
279	25.4	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.576 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN025548.D
Acq: 22 May 2023 21:29

Instrument :
BNA_N
ClientSampleId :
PB152882BS

Tgt Ion:276 Resp: 16504

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	26.5	20.6	30.8