Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056532.D
Acq On : 3 Feb 2023 3:03
Operator : CG/JU
Sample : 01386-07 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-6-013123

Quant Time: Feb 03 06:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	57608	20.000	ng	# 0.00
21) Naphthalene-d8	11.113	136	208132	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	145640	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	320049	20.000	ng	0.00
76) Chrysene-d12	21.942	240	301250	20.000	ng	0.02
86) Perylene-d12	25.379	264	327061	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	25195	8.045	ng	0.00
7) Phenol-d6	7.424	99	35681	7.690	ng	0.00
23) Nitrobenzene-d5	9.457	82	19245	5.251	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	14305	7.388	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	58576	5.576	ng	0.00
79) Terphenyl-d14	20.215	244	89433	5.214	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.166	128	165382	15.055	ng	98
33) 4-Chloroaniline	11.166	127	22712	4.429	ng	# 28
37) 2-Methylnaphthalene	12.747	142	32084	3.543	ng	96
38) 1-Methylnaphthalene	12.964	142	23244	2.748	ng	91
52) Acenaphthene	14.962	154	127613	16.019	ng	99
55) Dibenzofuran	15.297	168	126653	8.865	ng	98
58) Fluorene	15.937	166	130175	11.451	ng	99
71) Phenanthrene	17.688	178	1886431	112.617	ng	98
72) Anthracene	17.776	178	499671	29.059	ng	98
73) Carbazole	18.035	167	132879	9.073	ng	99
75) Fluoranthene	19.686	202	2933646	138.763	ng	95
78) Pyrene	20.050	202	2627177	122.619	ng	95
81) Benzo(a)anthracene	21.918	228	1513104	71.845	ng	97
83) Chrysene	21.989	228	1296250	65.513	ng	97
87) Indeno(1,2,3-cd)pyrene	29.339	276	652578	27.257	ng	# 93
88) Benzo(b)fluoranthene	24.292	252	1857558	91.503	ng	99
89) Benzo(k)fluoranthene	24.292	252	1857558	90.630	ng	97
90) Benzo(a)pyrene	25.226	252	1425880	71.305	ng	98
91) Dibenzo(a,h)anthracene	29.363	278	160985	8.011	ng	# 87
92) Benzo(g,h,i)perylene	30.585	276	585230	30.181	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
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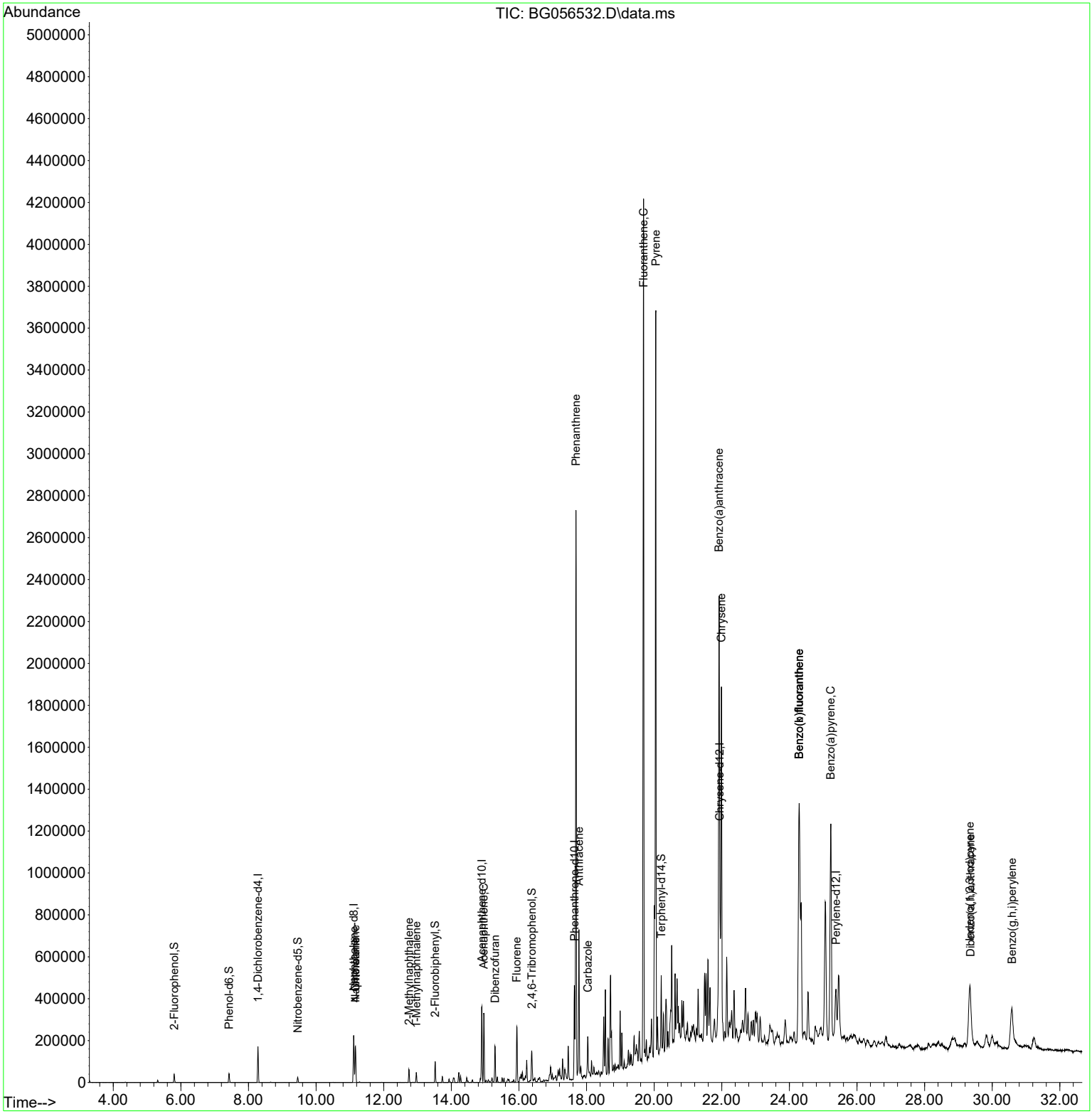
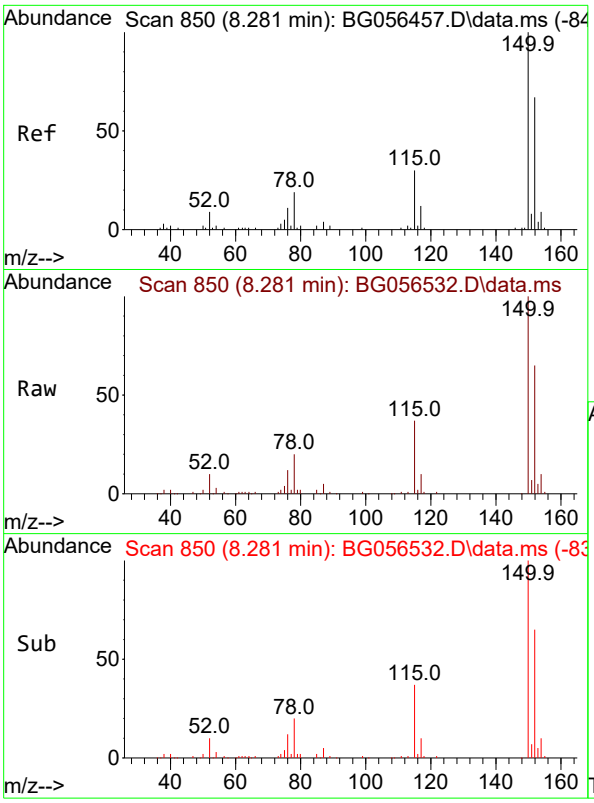


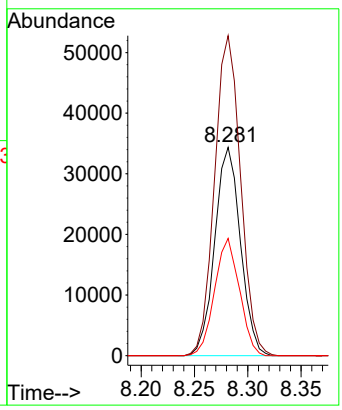


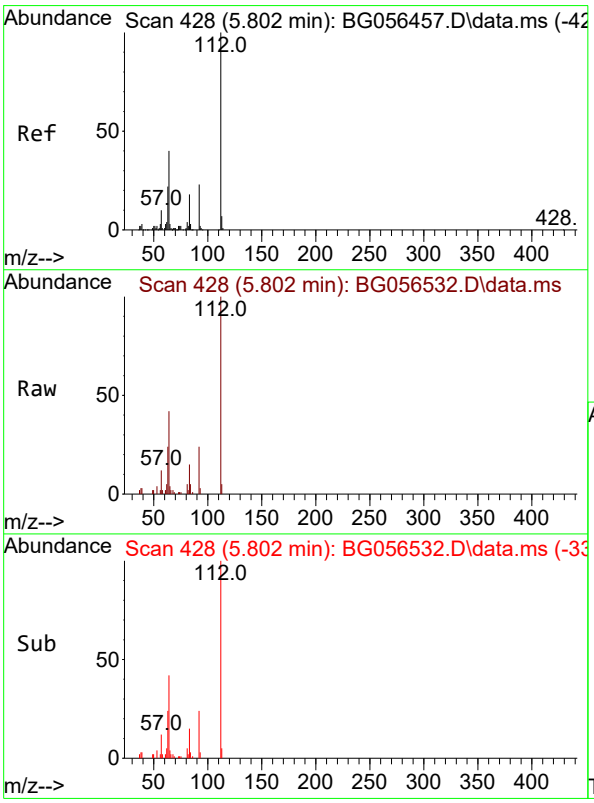
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.281 min Scan# 8
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:152 Resp: 57608

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.2	180.4
115	56.3	36.3	54.5#

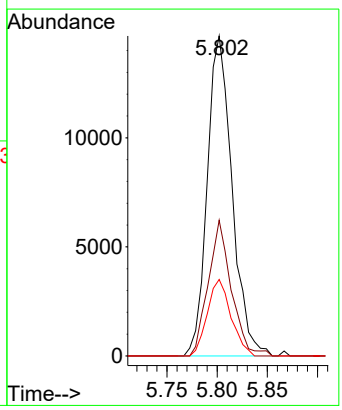


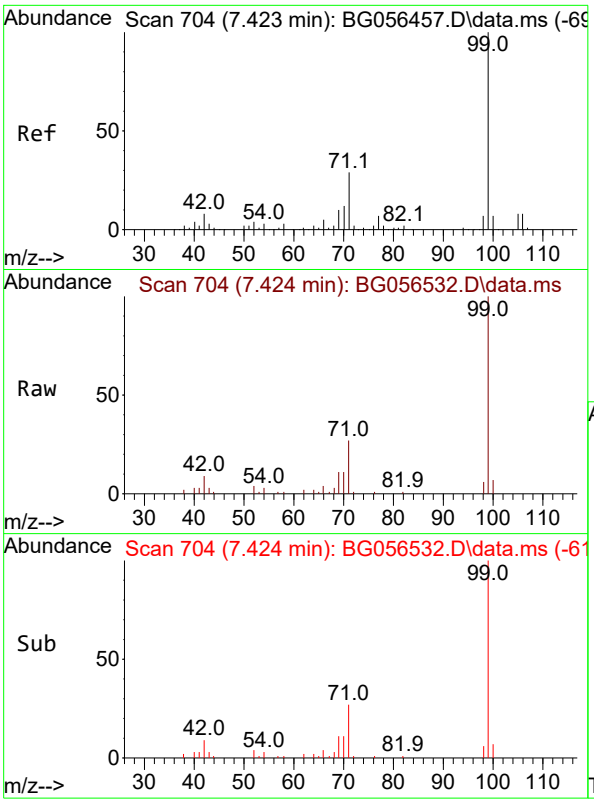


#5
2-Fluorophenol
Concen: 8.045 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:112 Resp: 25195

Ion	Ratio	Lower	Upper
112	100		
64	42.4	31.9	47.9
63	23.9	17.4	26.0



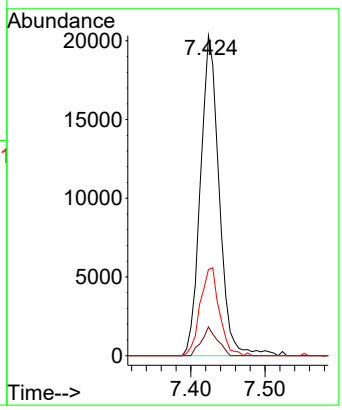


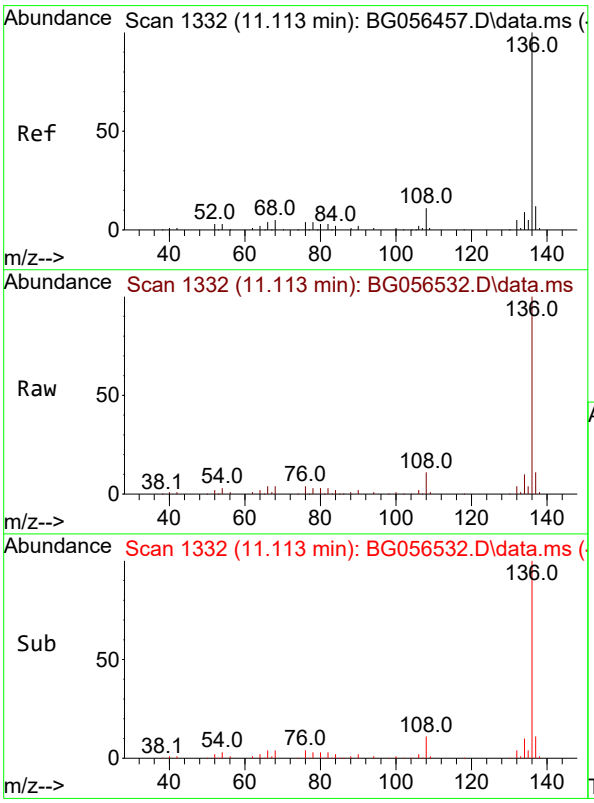
#7
Phenol-d6
Concen: 7.690 ng
RT: 7.424 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion: 99 Resp: 35681

Ion	Ratio	Lower	Upper
99	100		
42	9.0	6.6	10.0
71	26.9	23.4	35.0

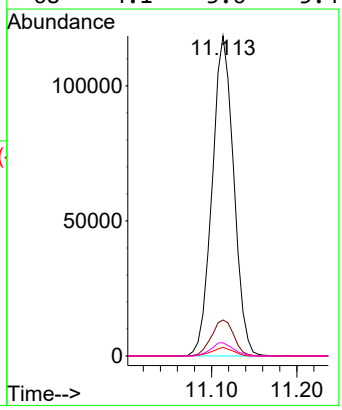


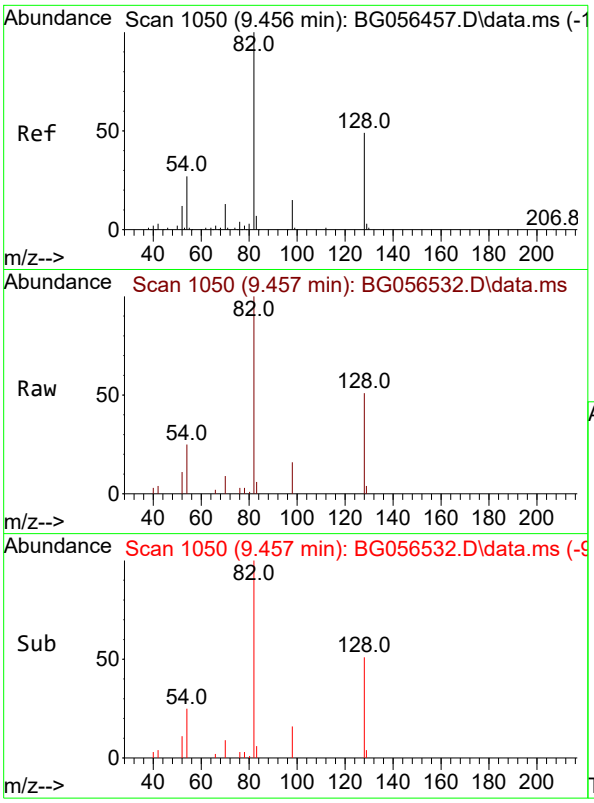


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.113 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:136 Resp: 208132

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	2.7	2.2	3.4
68	4.1	3.6	5.4



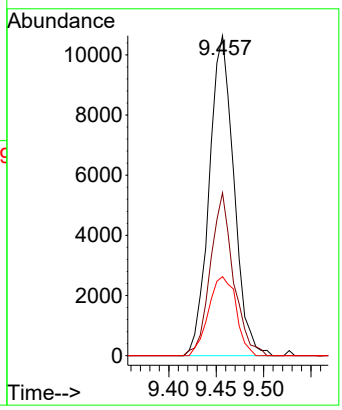


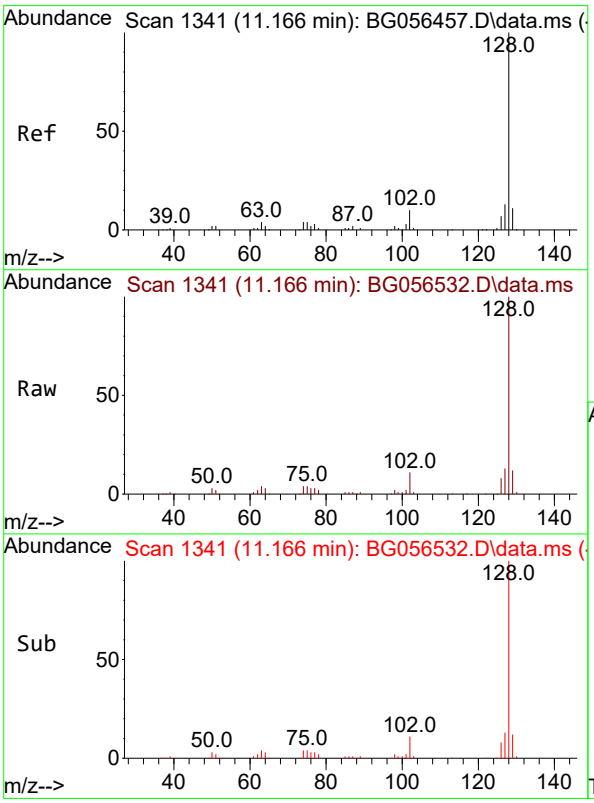
#23
Nitrobenzene-d5
Concen: 5.251 ng
RT: 9.457 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion: 82 Resp: 19245

Ion	Ratio	Lower	Upper
82	100		
128	50.9	39.4	59.2
54	24.7	21.4	32.2

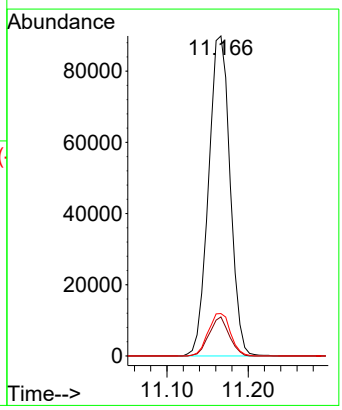


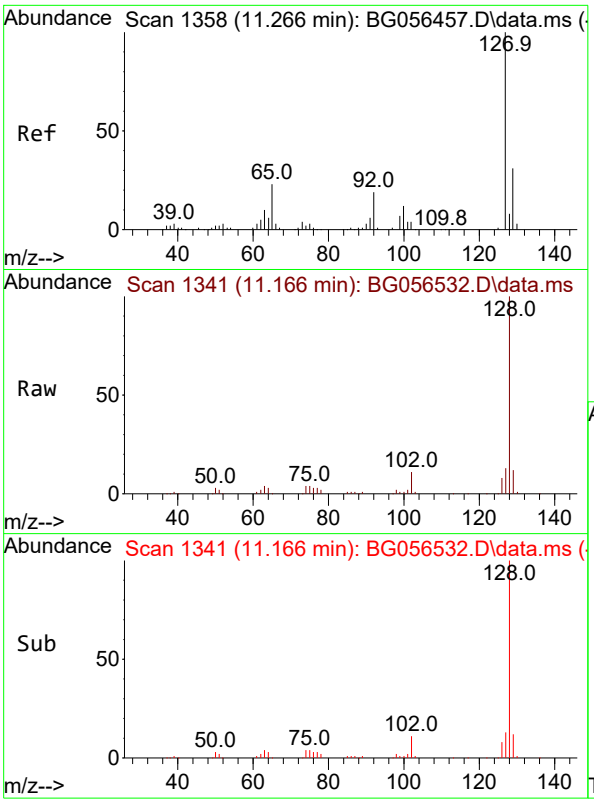


#31
Naphthalene
Concen: 15.055 ng
RT: 11.166 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:128 Resp: 165382

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.7	13.1
127	13.3	10.4	15.6



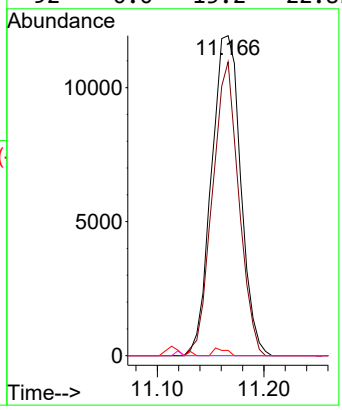


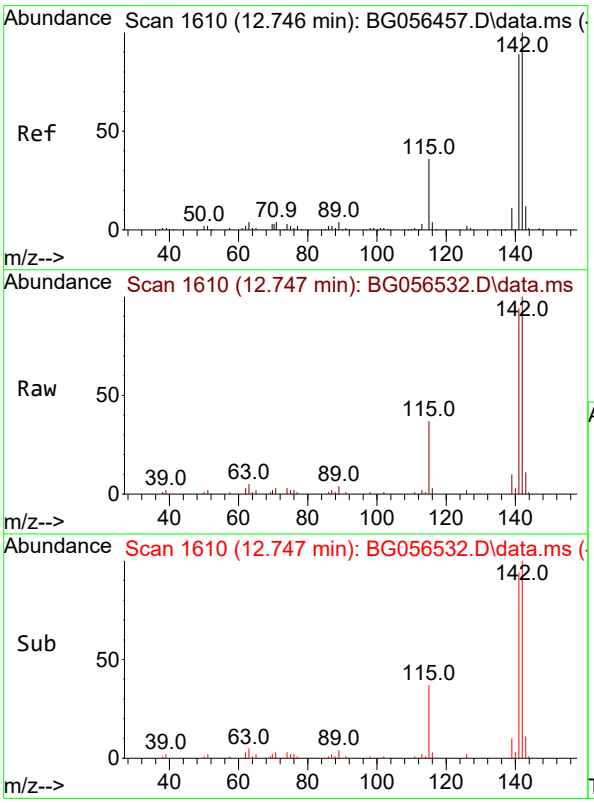
#33
4-Chloroaniline
Concen: 4.429 ng
RT: 11.166 min Scan# 1
Delta R.T. -0.100 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:127 Resp: 22712

Ion	Ratio	Lower	Upper
127	100		
129	91.8	25.0	37.6#
65	1.6	18.5	27.7#
92	0.0	15.2	22.8#

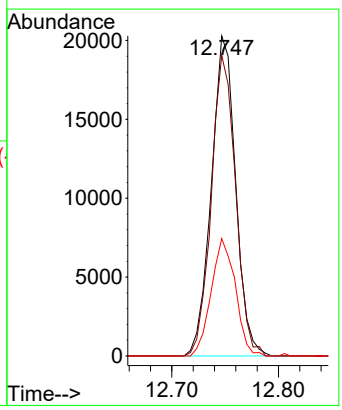


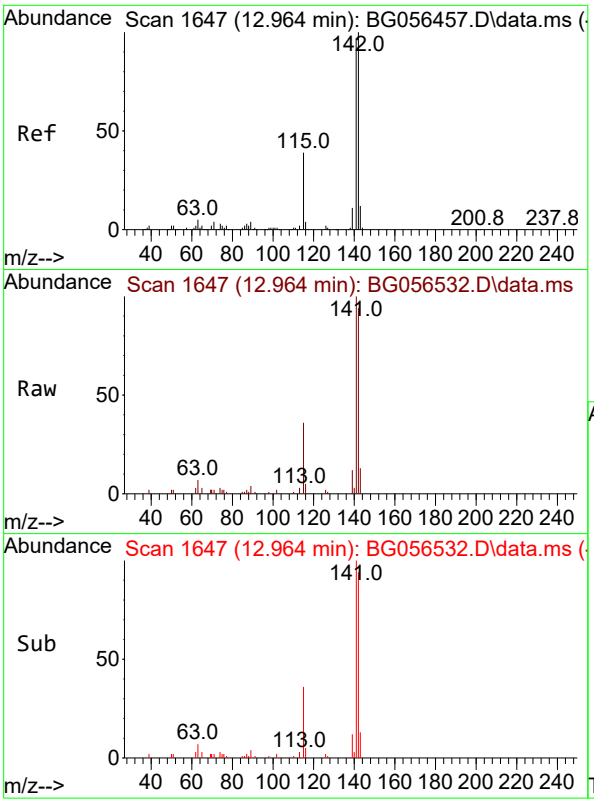


#37
2-Methylnaphthalene
Concen: 3.543 ng
RT: 12.747 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:142 Resp: 32084

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.4	107.0
115	36.7	28.4	42.6



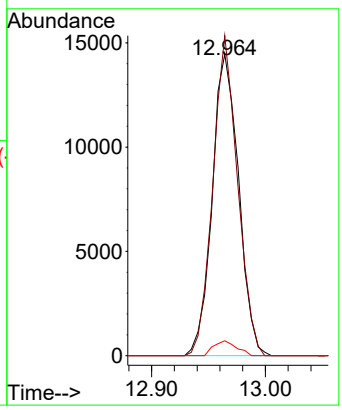


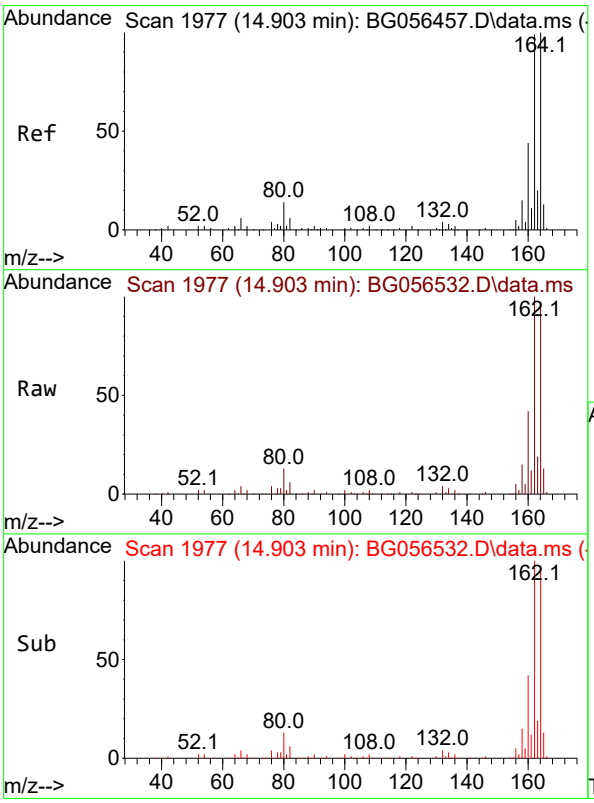
#38
1-Methylnaphthalene
Concen: 2.748 ng
RT: 12.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:142 Resp: 23244

Ion	Ratio	Lower	Upper
142	100		
141	106.1	77.7	116.5
116	4.9	3.4	5.2

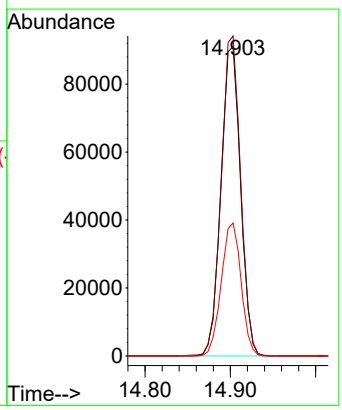


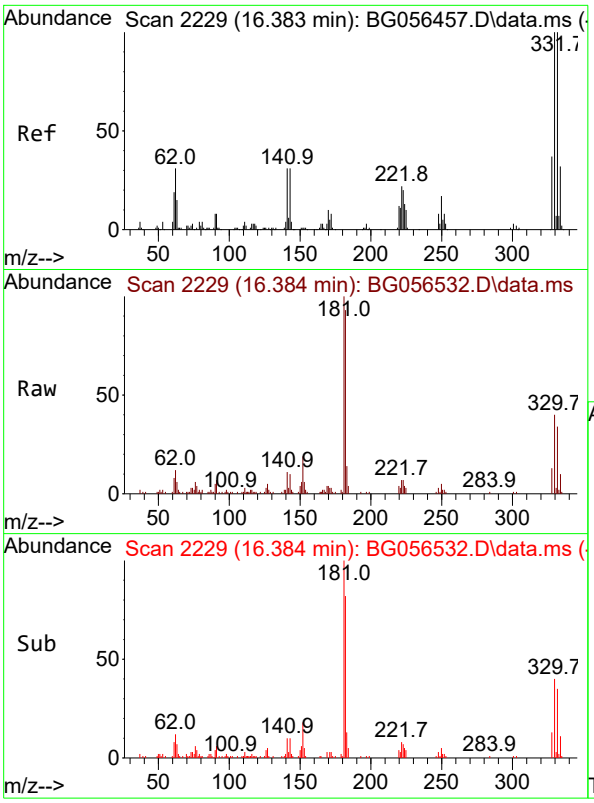


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.903 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:164 Resp: 145640

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.6	119.4
160	43.0	34.9	52.3



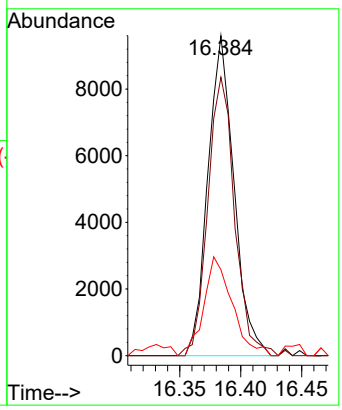


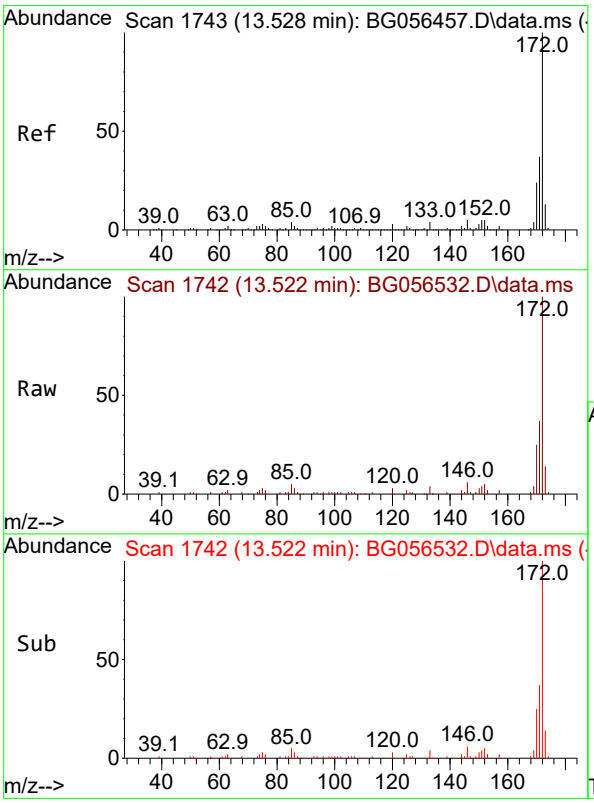
#42
2,4,6-Tribromophenol
Concen: 7.388 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:330 Resp: 14305

Ion	Ratio	Lower	Upper
330	100		
332	89.7	79.0	118.6
141	33.3	24.2	36.4

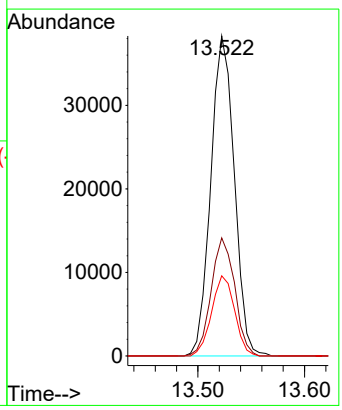


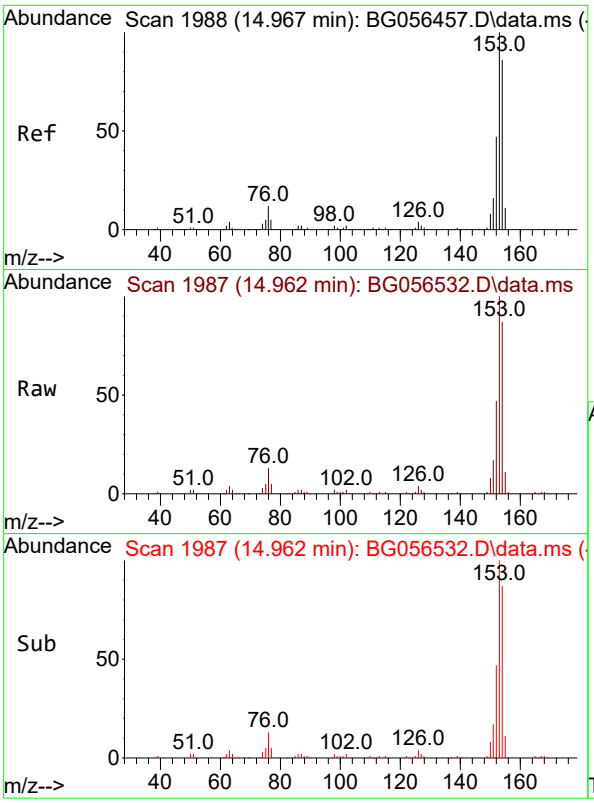


#45
2-Fluorobiphenyl
Concen: 5.576 ng
RT: 13.522 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:172 Resp: 58576

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.1	19.2	28.8



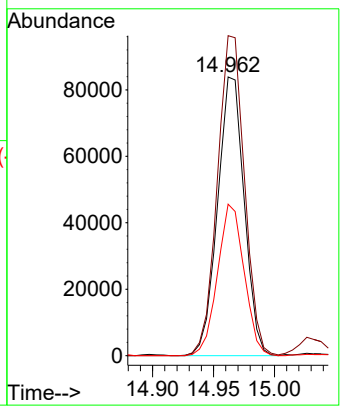


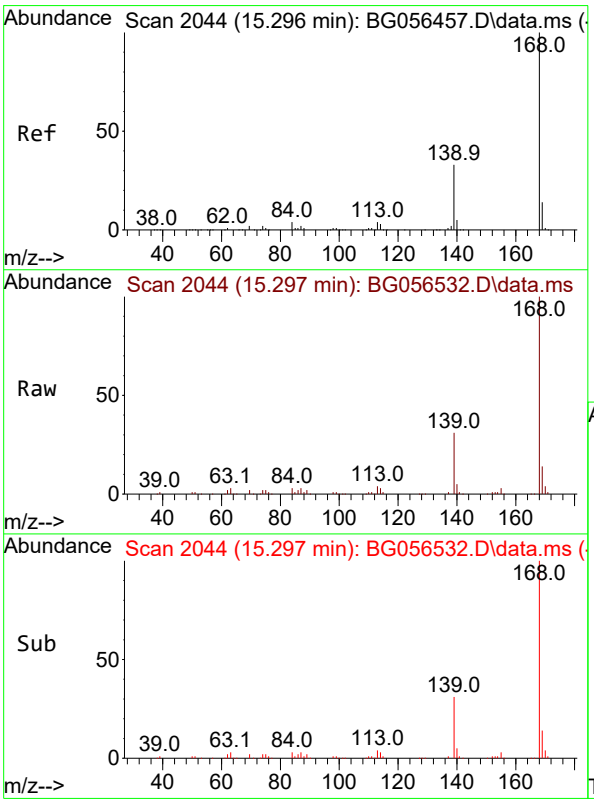
#52
Acenaphthene
Concen: 16.019 ng
RT: 14.962 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:154 Resp: 127613

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.4	140.0
152	54.4	43.4	65.2

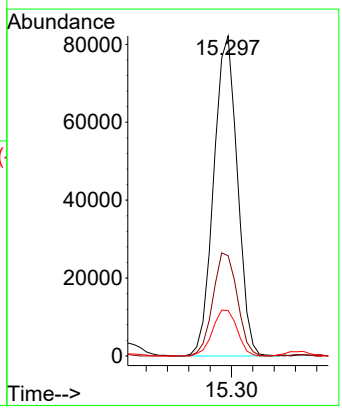


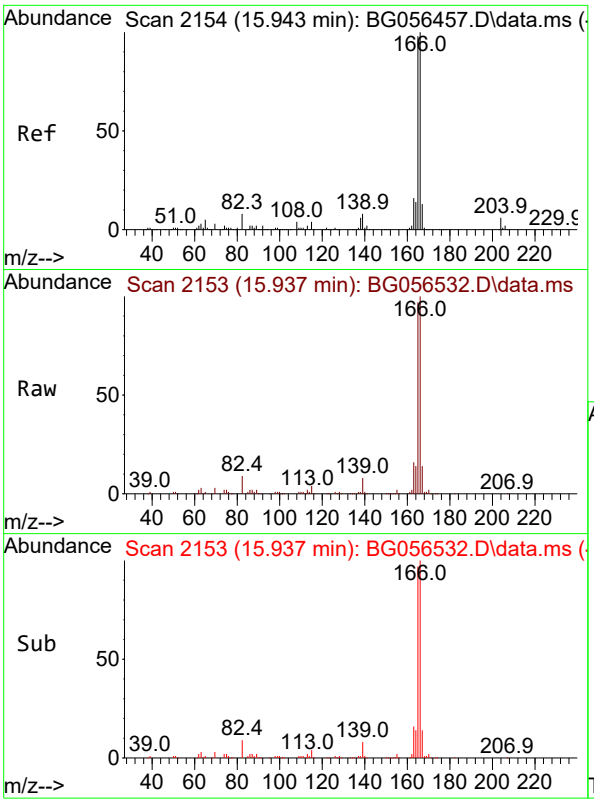


#55
Dibenzofuran
Concen: 8.865 ng
RT: 15.297 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:168 Resp: 126653

Ion	Ratio	Lower	Upper
168	100		
139	31.4	26.2	39.2
169	14.2	11.0	16.6



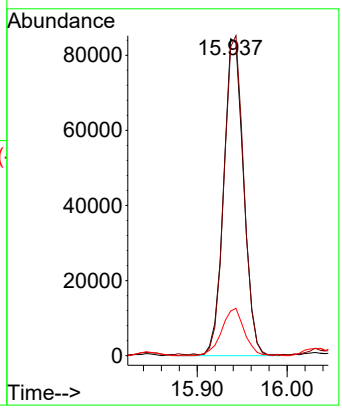


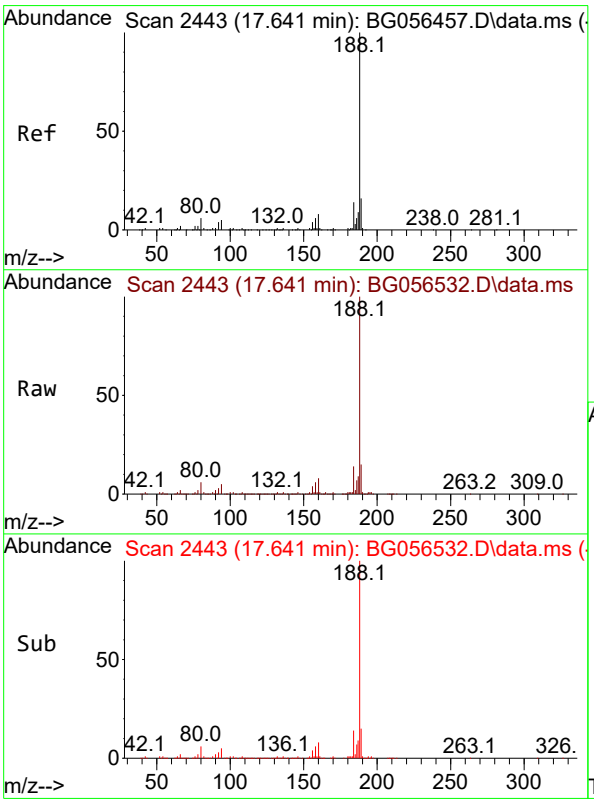
#58
Fluorene
Concen: 11.451 ng
RT: 15.937 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:166 Resp: 130175

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.8	118.2
167	14.1	10.6	15.8

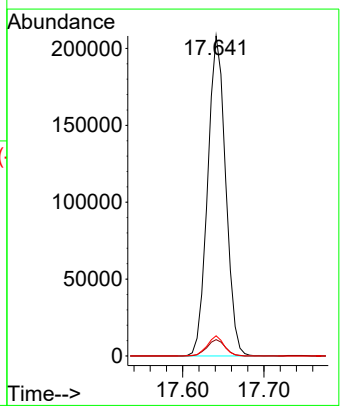


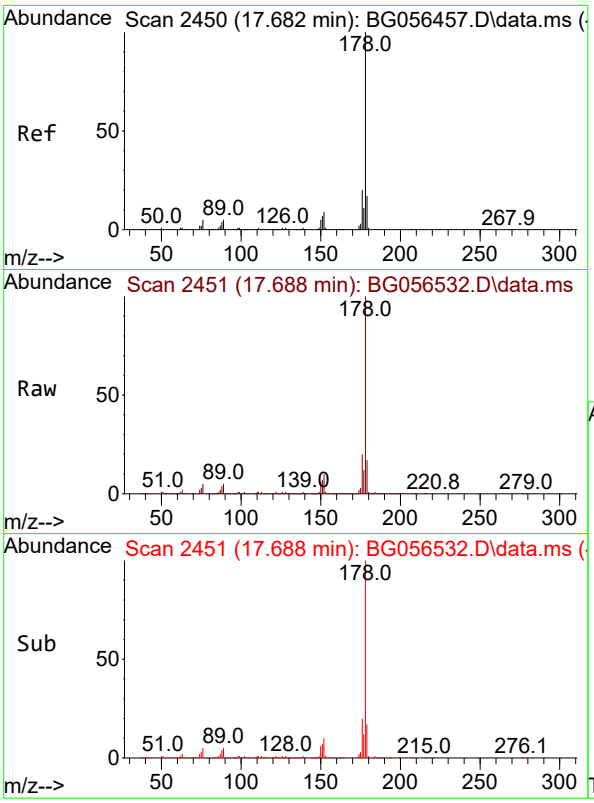


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 2443
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:188 Resp: 320049

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.1	6.1
80	6.3	5.0	7.4



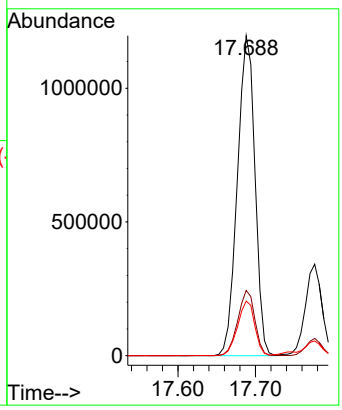


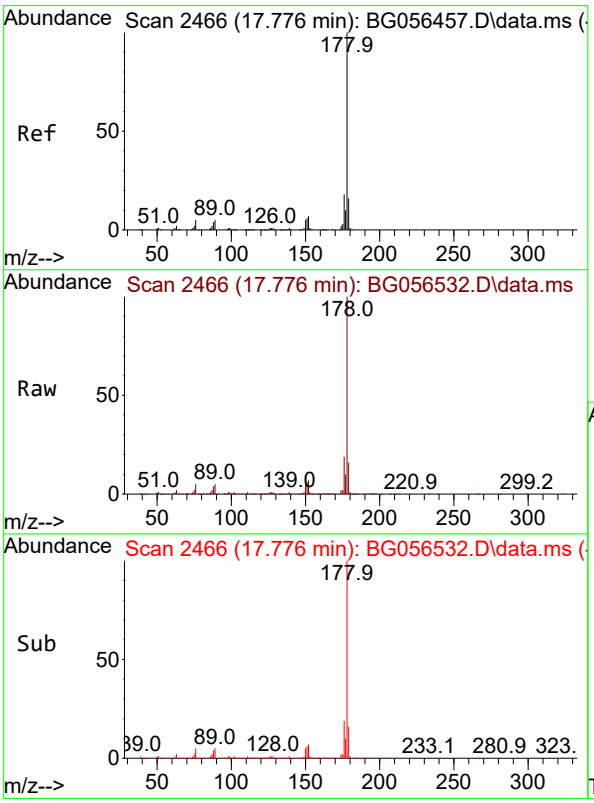
#71
Phenanthrene
Concen: 112.617 ng
RT: 17.688 min Scan# 24
Delta R.T. 0.012 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:178 Resp: 1886431

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	17.1	13.3	19.9

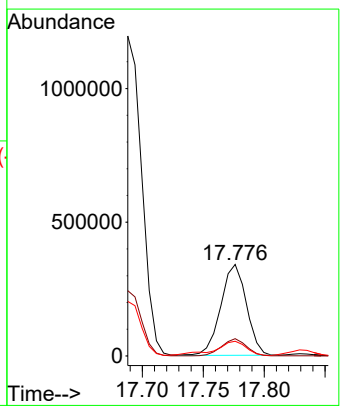


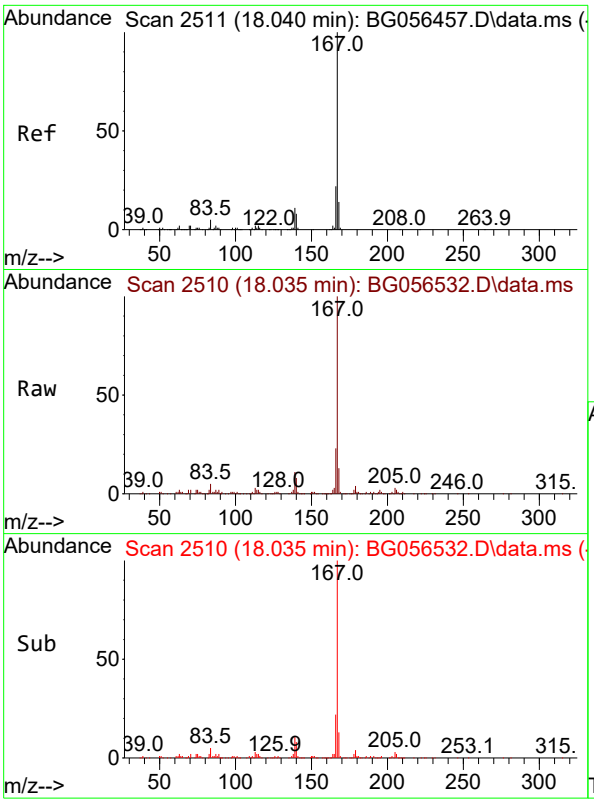


#72
Anthracene
Concen: 29.059 ng
RT: 17.776 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:178 Resp: 499671

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	16.0	12.5	18.7



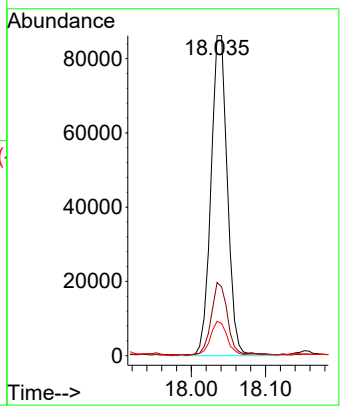


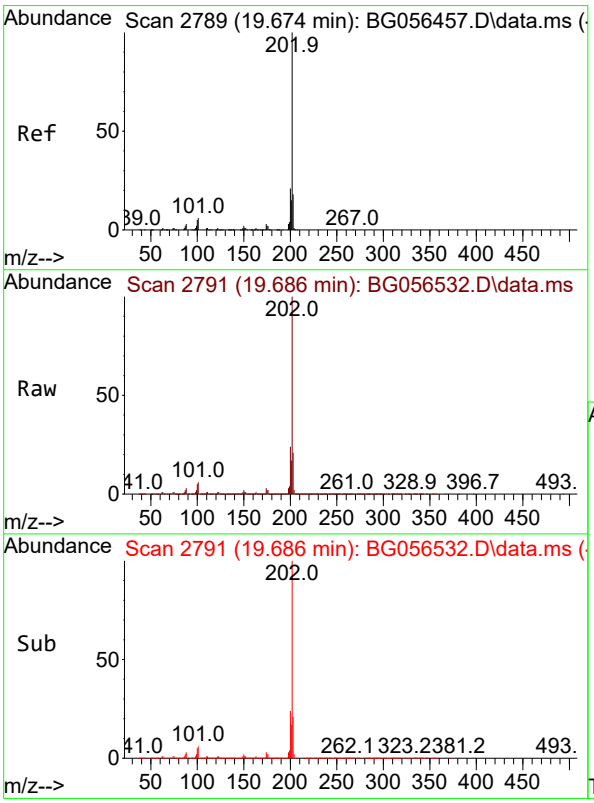
#73
Carbazole
Concen: 9.073 ng
RT: 18.035 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:167 Resp: 132879

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.6
139	10.7	8.9	13.3

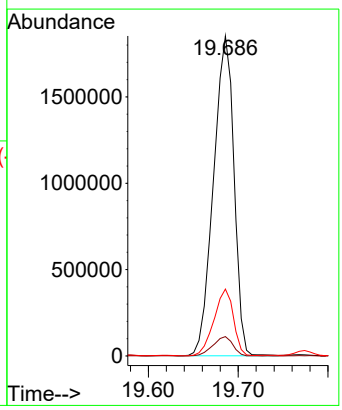


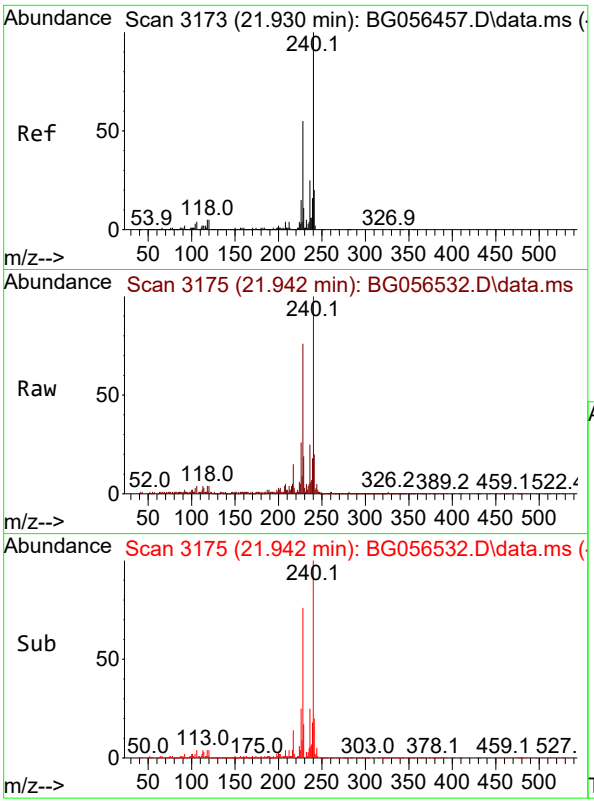


#75
Fluoranthene
Concen: 138.763 ng
RT: 19.686 min Scan# 2791
Delta R.T. 0.018 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:202 Resp: 2933646

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	25.6
203	20.9	0.0	38.1



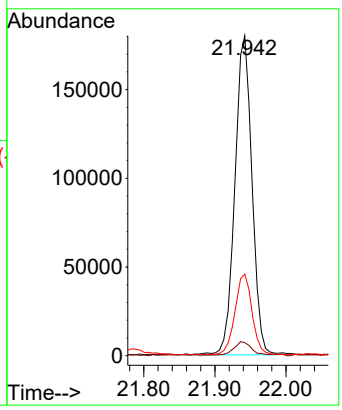


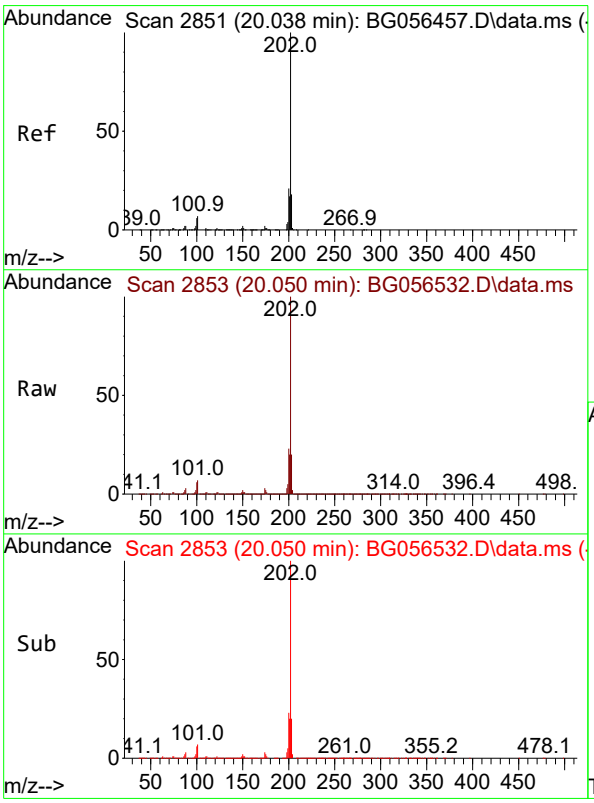
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.942 min Scan# 3
Delta R.T. 0.018 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:240 Resp: 301250

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.8	5.8
236	25.5	20.2	30.2

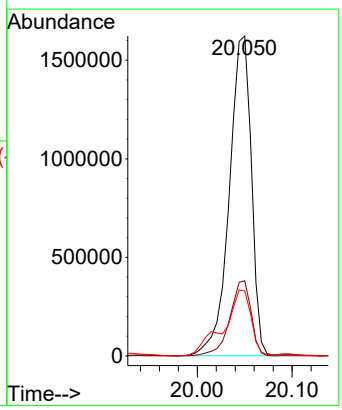


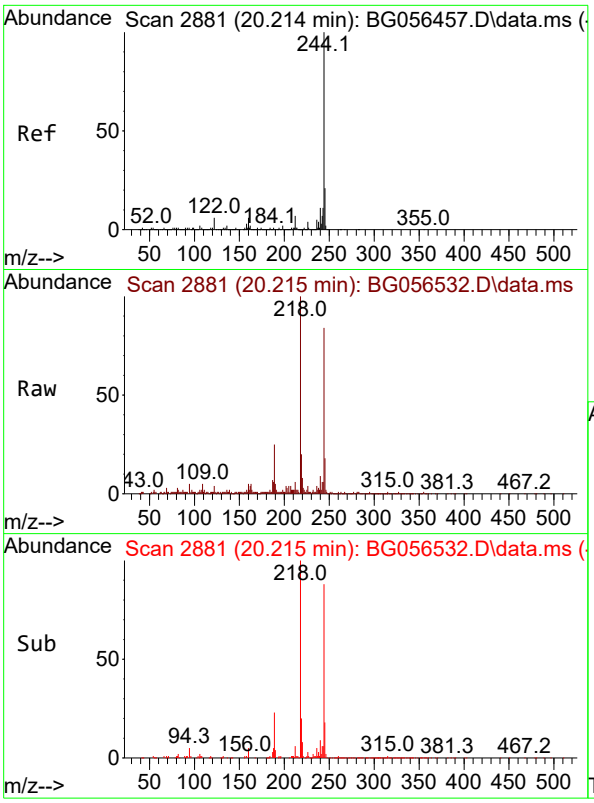


#78
Pyrene
Concen: 122.619 ng
RT: 20.050 min Scan# 2853
Delta R.T. 0.018 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:202 Resp: 2627177

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.7	25.1
203	20.3	14.4	21.6



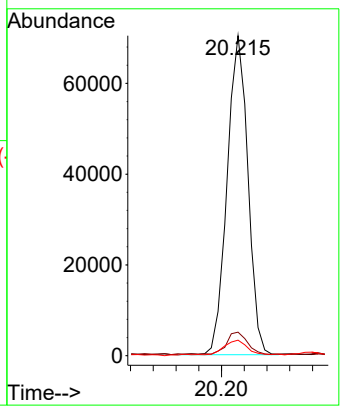


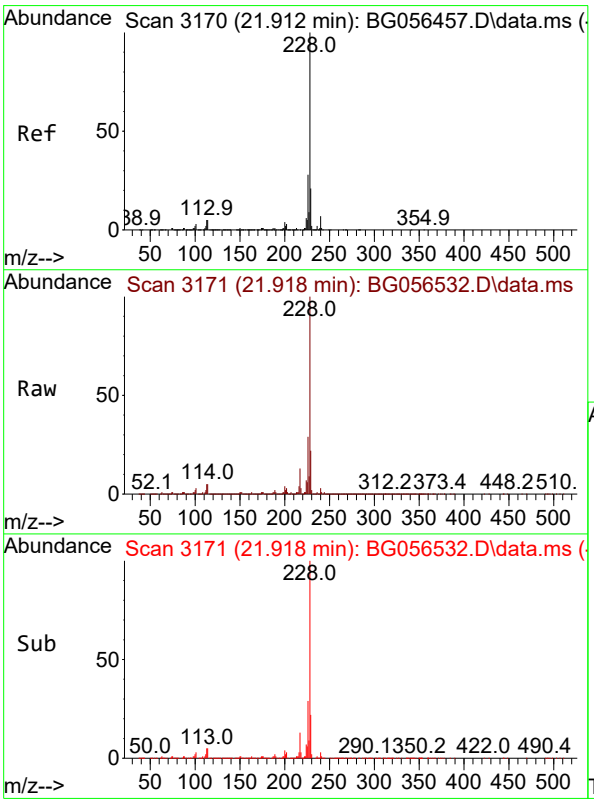
#79
Terphenyl-d14
Concen: 5.214 ng
RT: 20.215 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:244 Resp: 89433

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	4.9	4.4	6.6

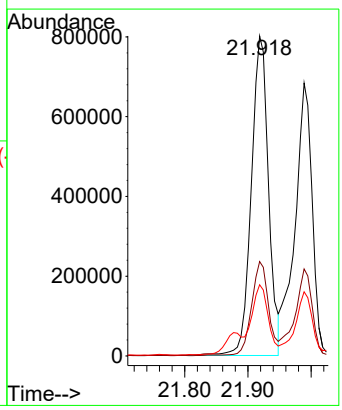


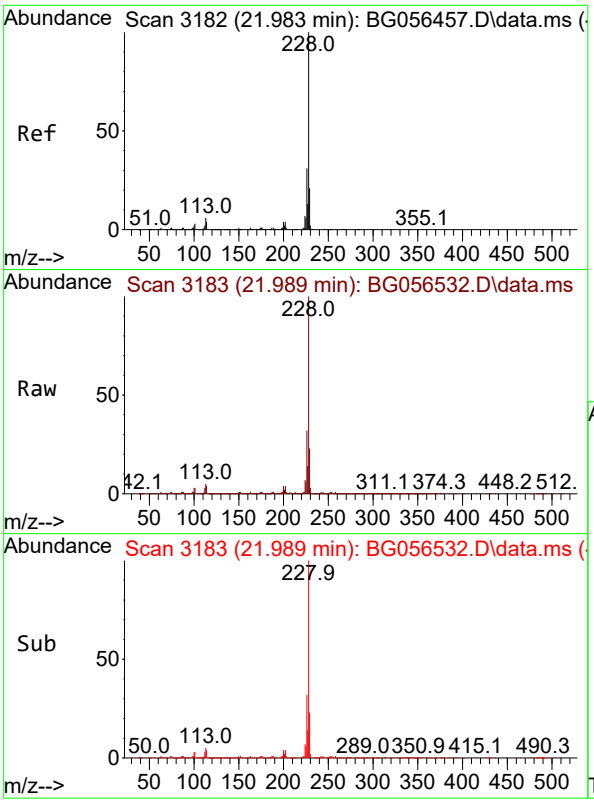


#81
Benzo(a)anthracene
Concen: 71.845 ng
RT: 21.918 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:228 Resp: 1513104

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.4	33.6
229	22.3	16.5	24.7



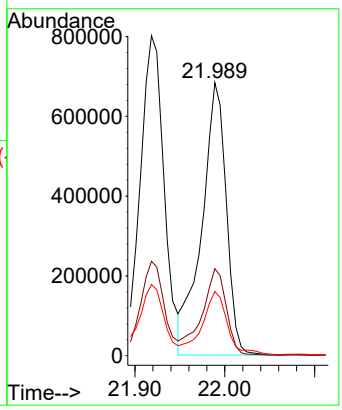


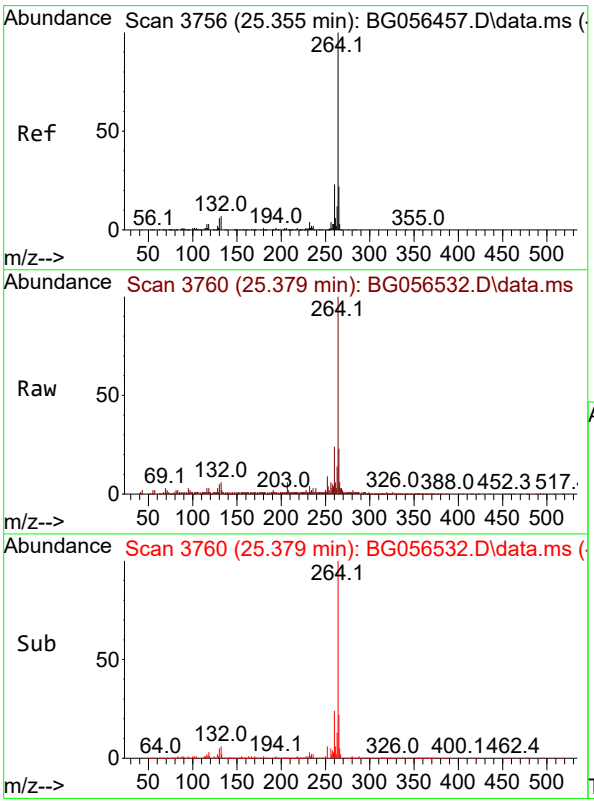
#83
Chrysene
Concen: 65.513 ng
RT: 21.989 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:228 Resp: 1296250

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.4
229	23.5	16.4	24.6

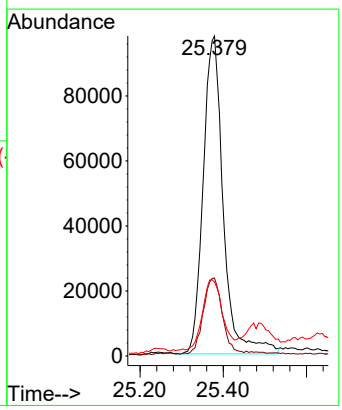


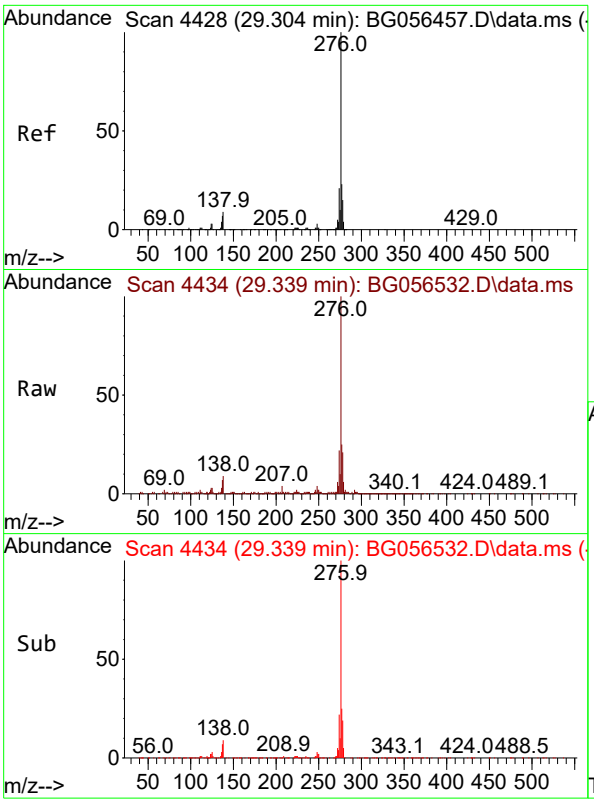


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.379 min Scan# 3760
Delta R.T. 0.035 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:264 Resp: 327061

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	23.1	18.1	27.1



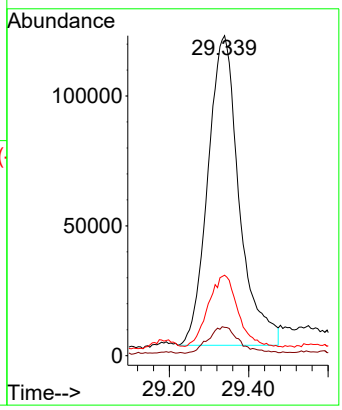


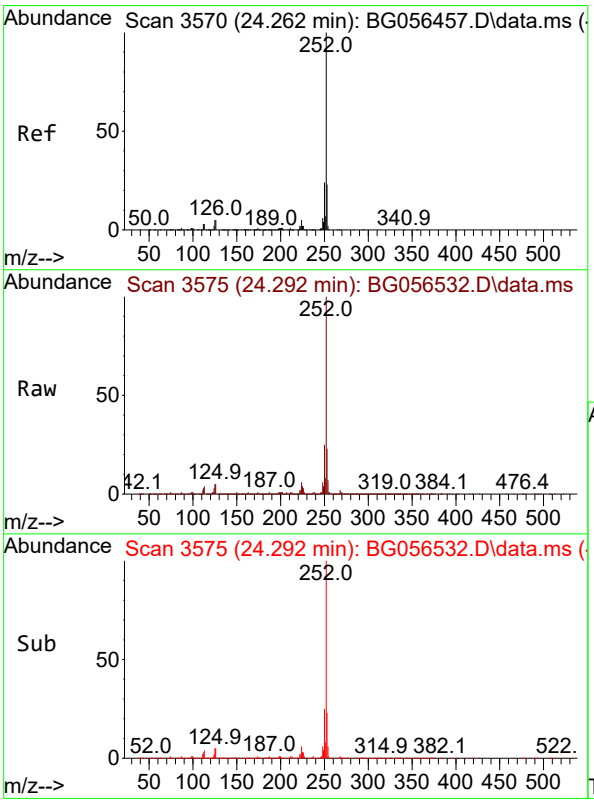
#87
Indeno(1,2,3-cd)pyrene
Concen: 27.257 ng
RT: 29.339 min Scan# 44
Delta R.T. 0.059 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:276 Resp: 652578

Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.4	14.2#
277	22.6	20.3	30.5

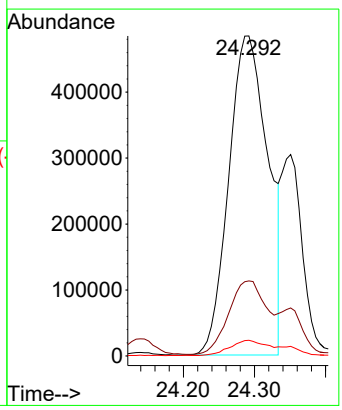


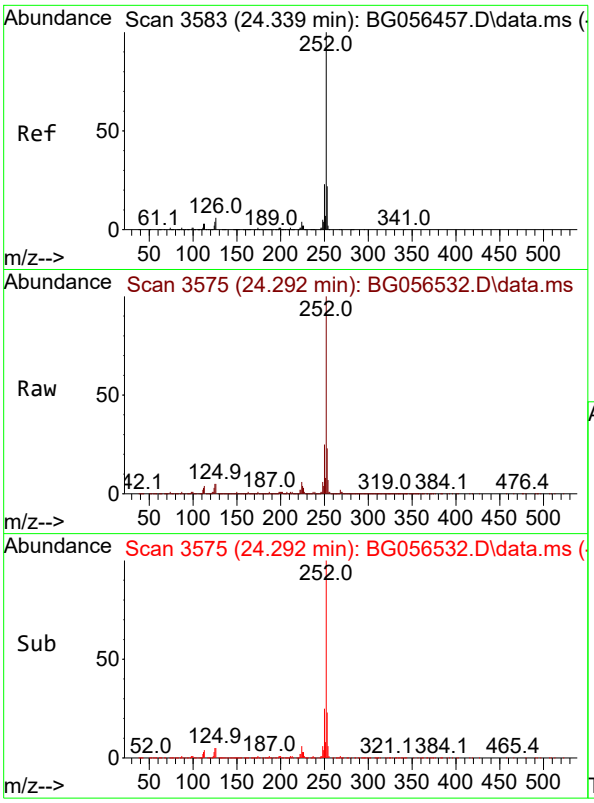


#88
Benzo(b)fluoranthene
Concen: 91.503 ng
RT: 24.292 min Scan# 3575
Delta R.T. 0.041 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:252 Resp: 1857558

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	4.9	3.9	5.9



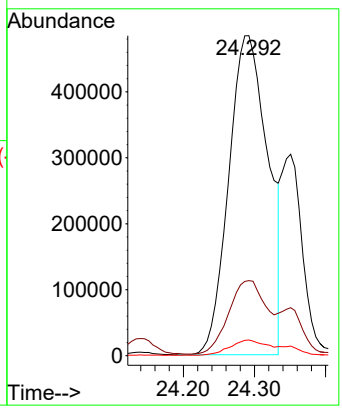


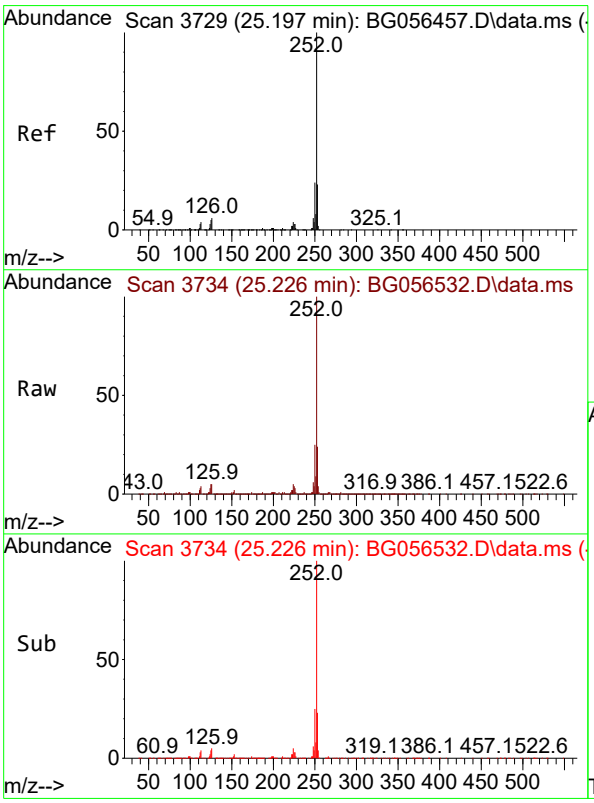
#89
Benzo(k)fluoranthene
Concen: 90.630 ng
RT: 24.292 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:252 Resp: 1857558

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	4.9	3.4	5.0

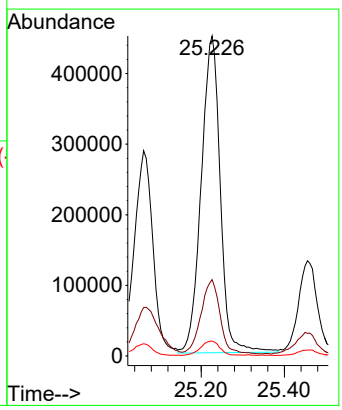


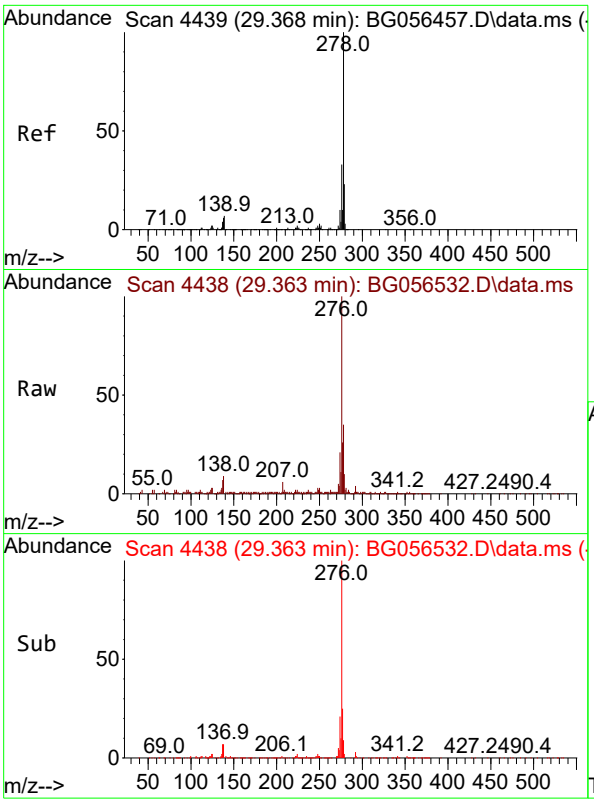


#90
Benzo(a)pyrene
Concen: 71.305 ng
RT: 25.226 min Scan# 3734
Delta R.T. 0.041 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:252 Resp: 1425880

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	4.6	4.1	6.1



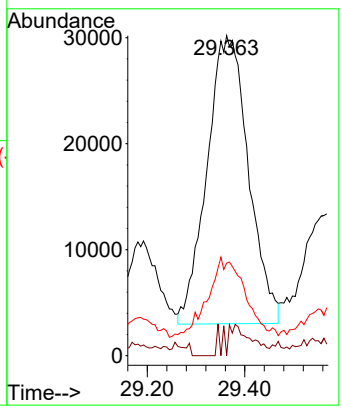


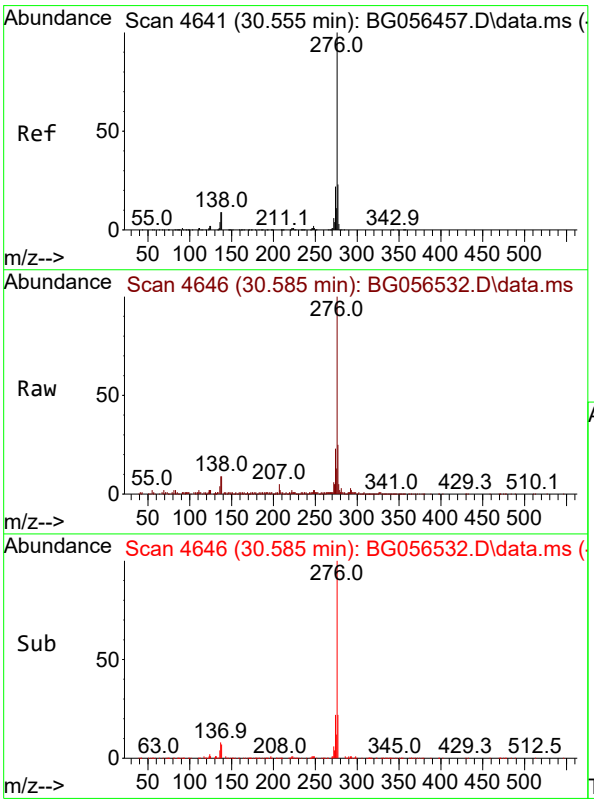
#91
Dibenzo(a,h)anthracene
Concen: 8.011 ng
RT: 29.363 min Scan# 4
Delta R.T. 0.018 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Instrument :
BNA_G
ClientSampleId :
JPP-6-013123

Tgt Ion:278 Resp: 160985

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.5	8.3#
279	28.9	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 30.181 ng
RT: 30.585 min Scan# 4646
Delta R.T. 0.059 min
Lab File: BG056532.D
Acq: 3 Feb 2023 3:03

Tgt Ion:276 Resp: 585230

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.5	27.7
138	8.6	7.4	11.0