Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056052.D
Acq On : 21 Dec 2022 17:23
Operator : CG/JU
Sample : N6151-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 22 01:26:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration

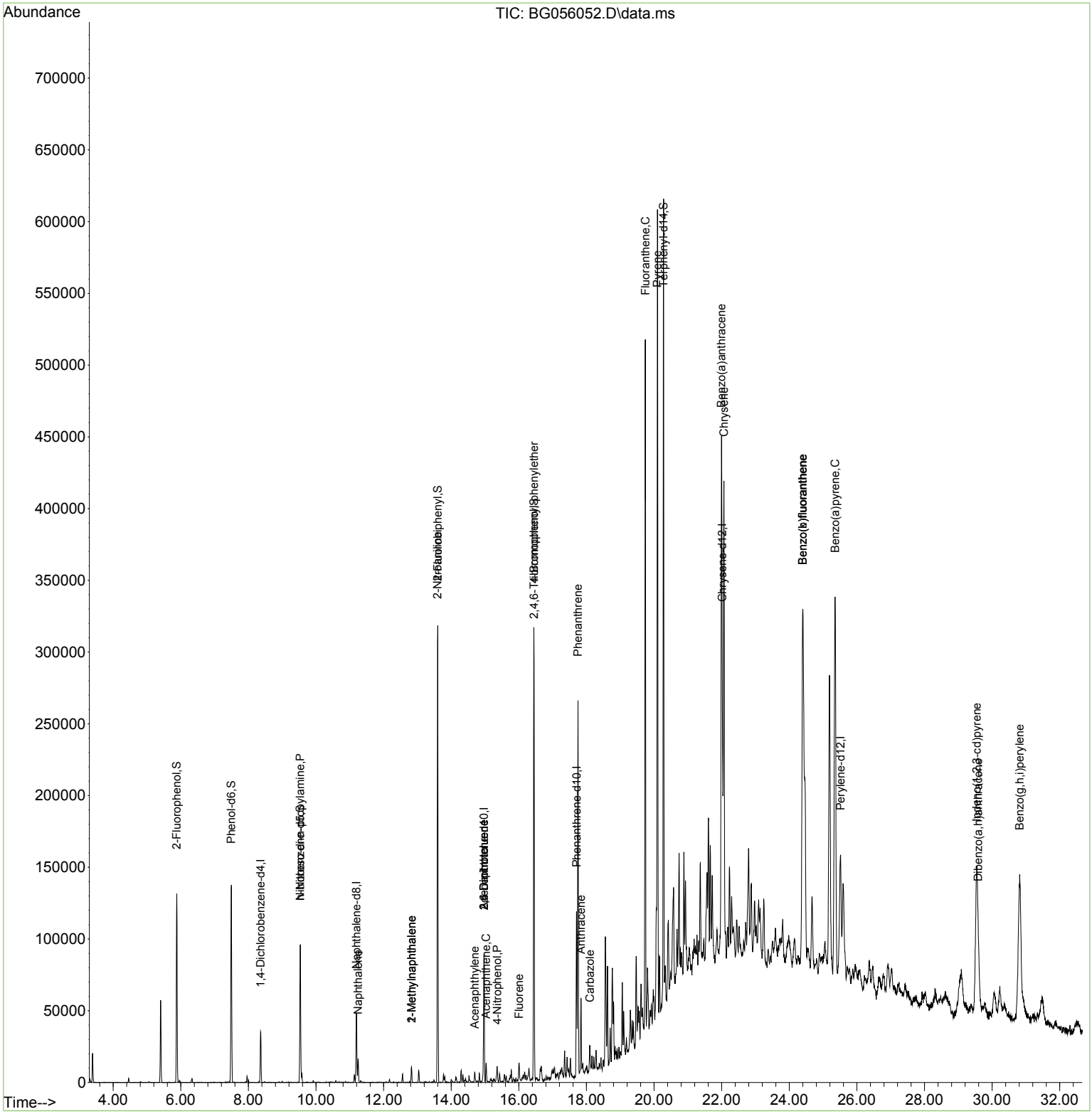
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.359	152	11217	20.000	ng		0.00
21) Naphthalene-d8	11.197	136	42848	20.000	ng		# 0.00
39) Acenaphthene-d10	14.969	164	34317	20.000	ng		0.00
64) Phenanthrene-d10	17.707	188	82269	20.000	ng		# 0.00
76) Chrysene-d12	22.013	240	84257	20.000	ng		# 0.00
86) Perylene-d12	25.515	264	103277	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.879	112	53211	111.250	ng		0.00
7) Phenol-d6	7.489	99	66991	108.900	ng		0.00
23) Nitrobenzene-d5	9.534	82	50804	82.858	ng		0.00
42) 2,4,6-Tribromophenol	16.449	330	81593	98.604	ng		0.00
45) 2-Fluorobiphenyl	13.600	172	172075	70.324	ng		0.00
79) Terphenyl-d14	20.280	244	304466	63.865	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.534	70	8000	18.143	ng	#	65
31) Naphthalene	11.244	128	13958	6.174	ng	#	95
37) 2-Methylnaphthalene	12.824	142	6217	3.112	ng		93
38) 1-Methylnaphthalene	12.824	142	6217	3.195	ng		87
48) 2-Nitroaniline	13.594	65	260	3.471	ng	#	1
49) Acenaphthylene	14.699	152	6518	2.161	ng	#	97
51) 2,6-Dinitrotoluene	14.969	165	5146	11.208	ng	#	25
52) Acenaphthene	15.033	154	5239	2.587	ng		98
56) 4-Nitrophenol	15.362	139	1843	4.925	ng	#	1
57) 2,4-Dinitrotoluene	14.969	165	5146	7.425	ng	#	35
58) Fluorene	16.003	166	6907	2.481	ng	#	90
67) 4-Bromophenyl-phenylether	16.444	248	4544	3.769	ng	#	1
71) Phenanthrene	17.748	178	178344	41.366	ng		98
72) Anthracene	17.836	178	36553	8.570	ng		98
73) Carbazole	18.100	167	11571	3.289	ng		95
75) Fluoranthene	19.740	202	340522	56.404	ng		99
78) Pyrene	20.098	202	415421	81.480	ng		100
81) Benzo(a)anthracene	21.990	228	274223	46.251	ng		98
83) Chrysene	22.066	228	270997	48.769	ng		97
87) Indeno(1,2,3-cd)pyrene	29.546	276	255637	30.781	ng		94
88) Benzo(b)fluoranthene	24.399	252	557350	83.386	ng		98
89) Benzo(k)fluoranthene	24.399	252	557350	83.577	ng		100
90) Benzo(a)pyrene	25.357	252	382439	67.691	ng		100
91) Dibenzo(a,h)anthracene	29.587	278	54555	7.848	ng	#	97
92) Benzo(g,h,i)perylene	30.815	276	325042	48.364	ng		98

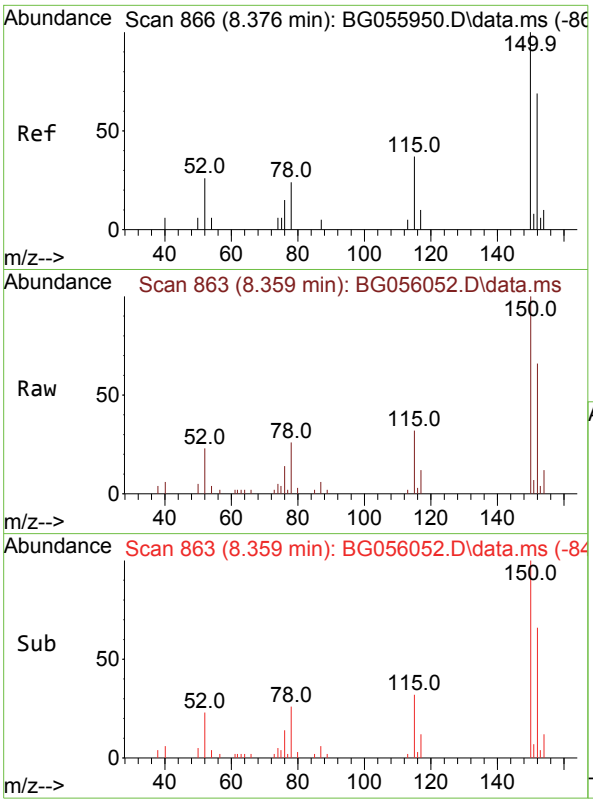
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056052.D
Acq On : 21 Dec 2022 17:23
Operator : CG/JU
Sample : N6151-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 22 01:26:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration

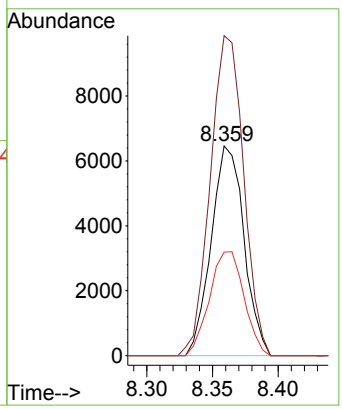


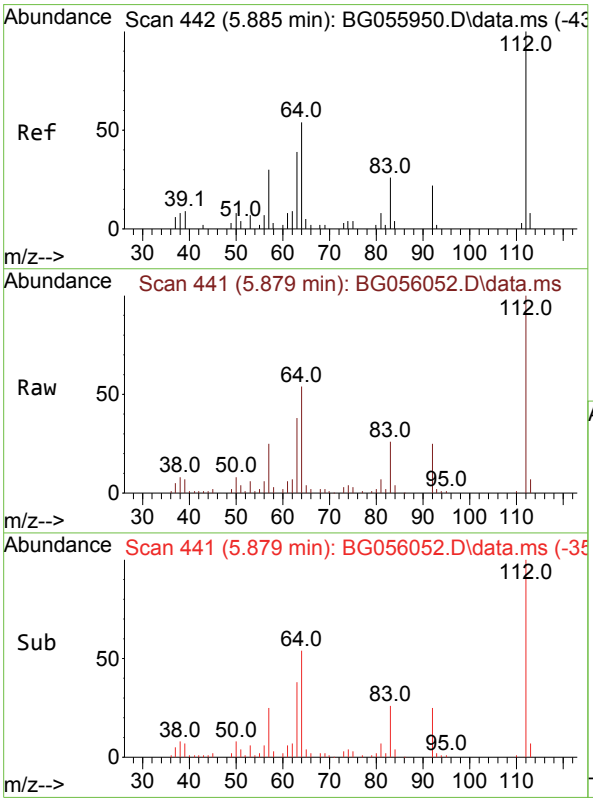


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.359 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:152 Resp: 11217

Ion	Ratio	Lower	Upper
152	100		
150	152.6	115.7	173.5
115	49.3	43.0	64.4

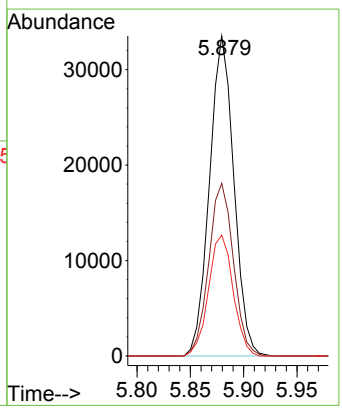


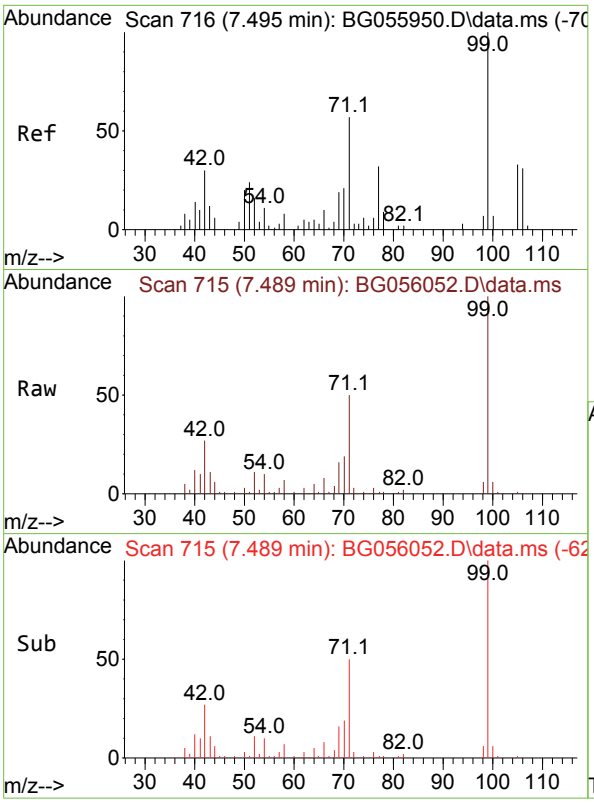


#5
2-Fluorophenol
Concen: 111.250 ng
RT: 5.879 min Scan# 441
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:112 Resp: 53211

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.0	64.4
63	37.7	31.4	47.2

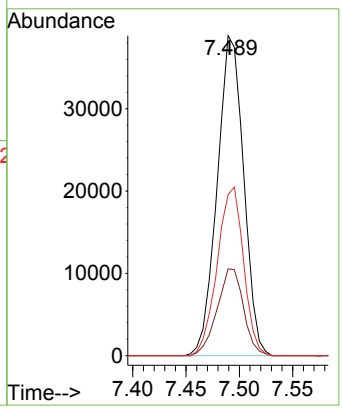


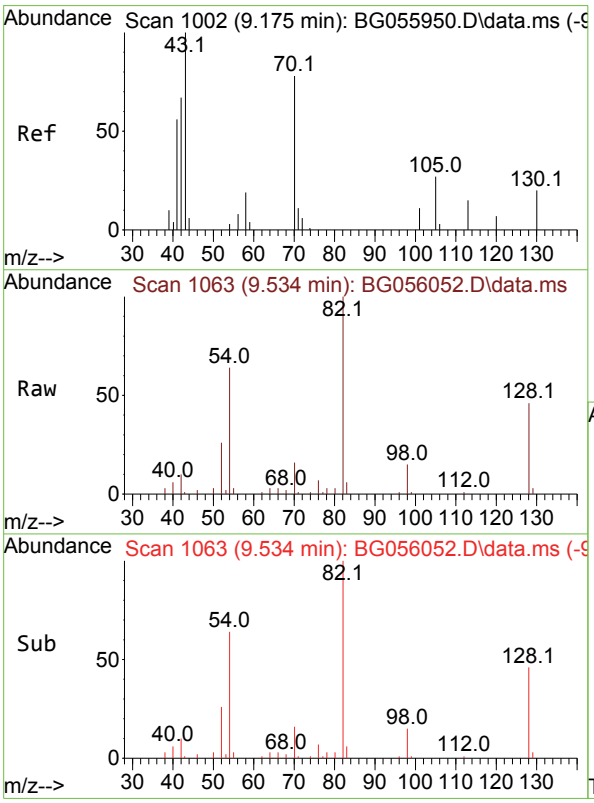


#7
Phenol-d6
Concen: 108.900 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion: 99 Resp: 66991

Ion	Ratio	Lower	Upper
99	100		
42	27.1	24.3	36.5
71	50.4	45.6	68.4

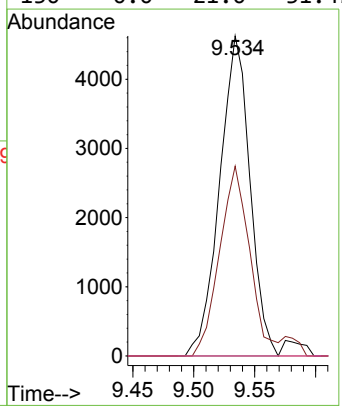


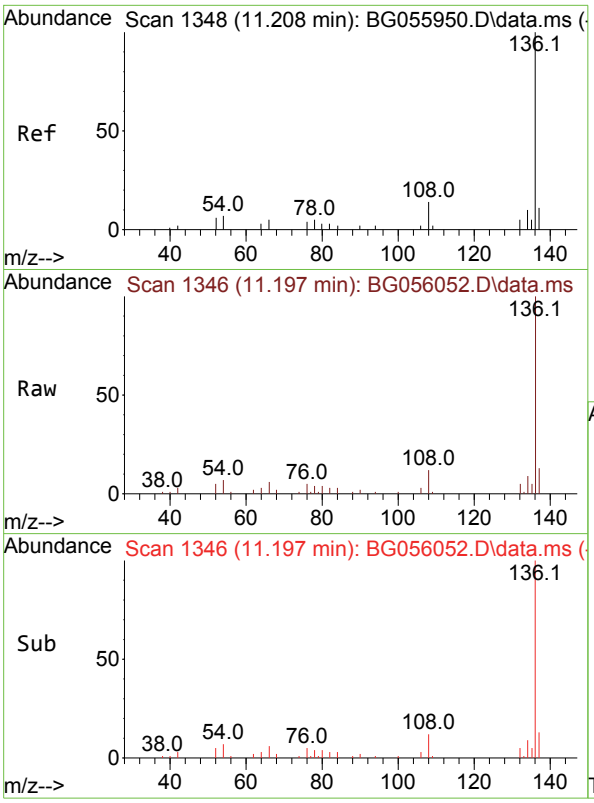


#19
n-Nitroso-di-n-propylamine
Concen: 18.143 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.364 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion: 70 Resp: 8000

Ion	Ratio	Lower	Upper
70	100		
42	59.3	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

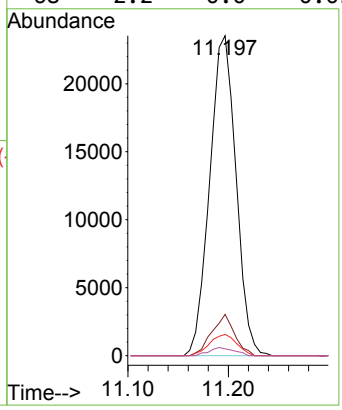


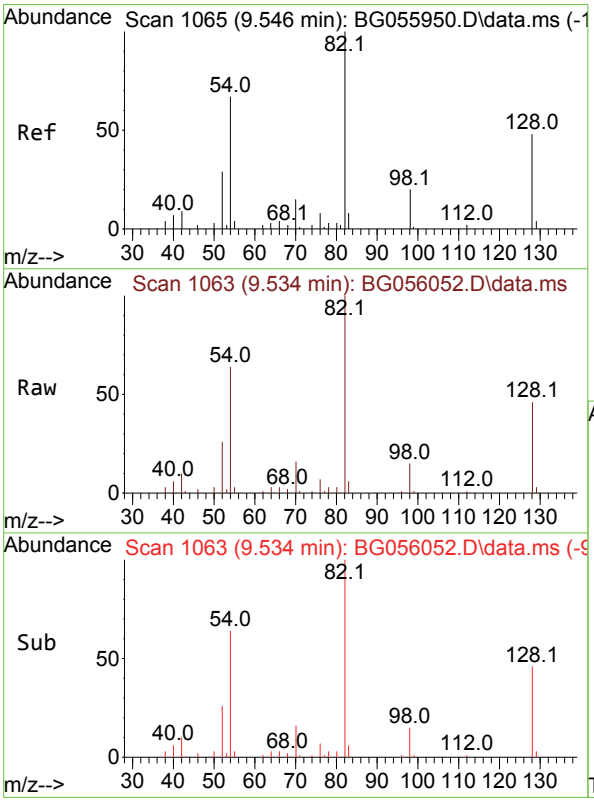


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:136 Resp: 42848

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.2	13.8
54	6.6	5.6	8.4
68	2.2	0.0	0.0#

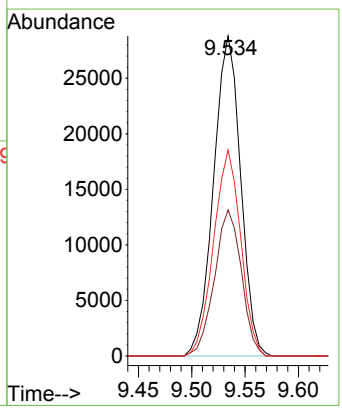


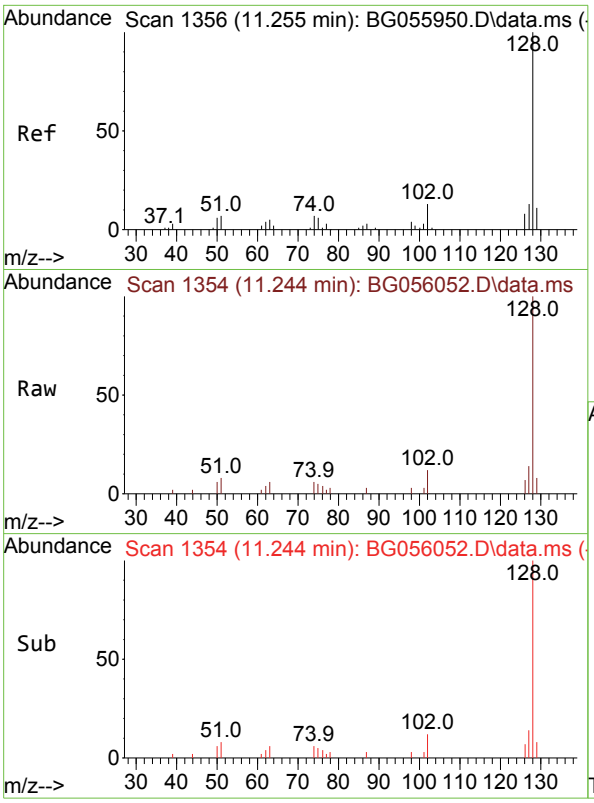


#23
Nitrobenzene-d5
Concen: 82.858 ng
RT: 9.534 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion: 82 Resp: 50804

Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.4	57.6
54	64.4	53.3	79.9

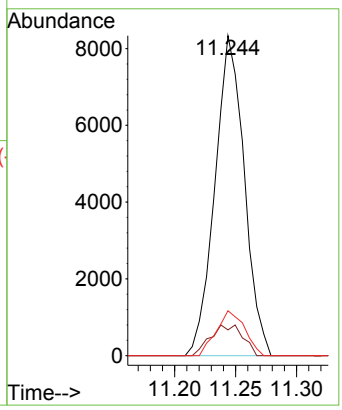


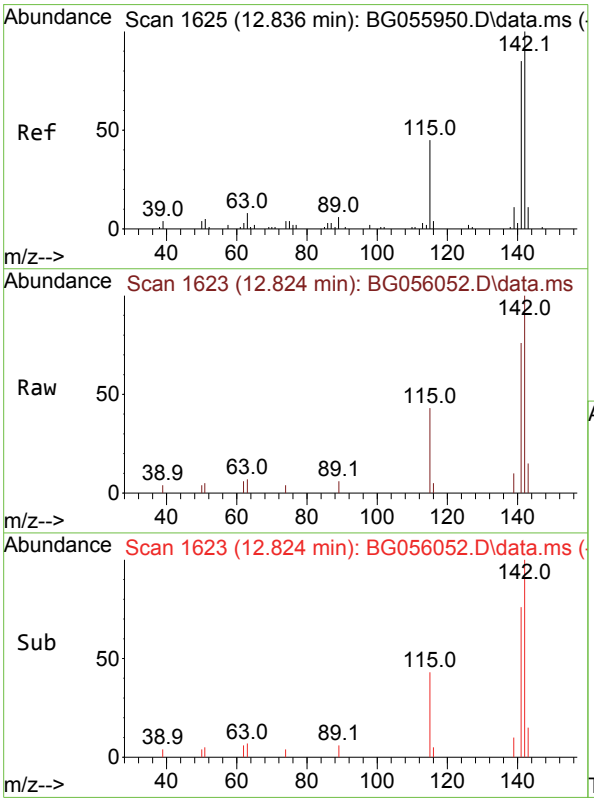


#31
Naphthalene
Concen: 6.174 ng
RT: 11.244 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:128 Resp: 13958

Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.7	13.1#
127	14.0	10.3	15.5

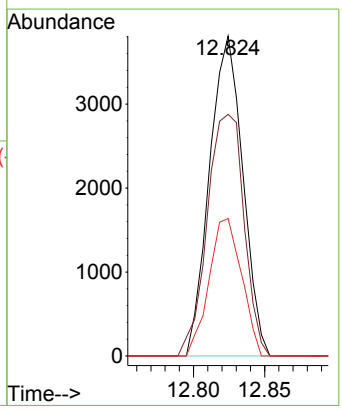


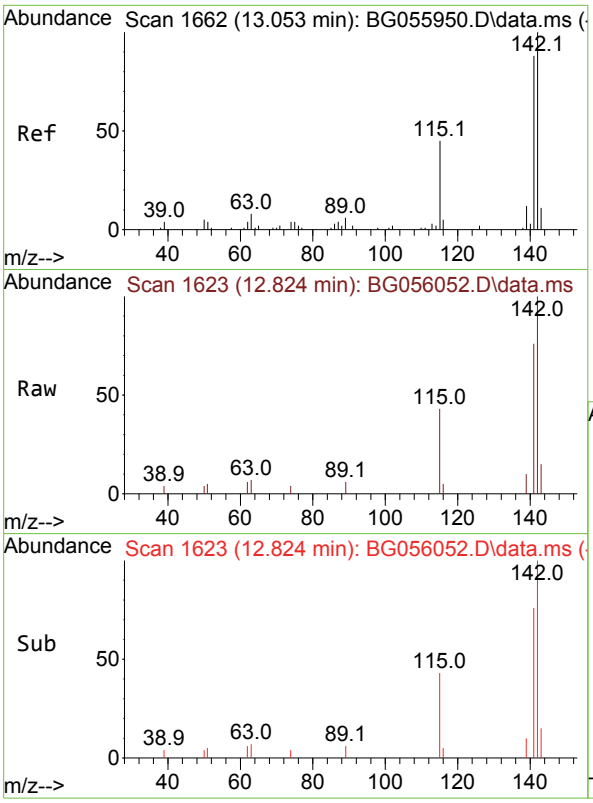


#37
2-Methylnaphthalene
Concen: 3.112 ng
RT: 12.824 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:142 Resp: 6217

Ion	Ratio	Lower	Upper
142	100		
141	75.5	67.8	101.6
115	43.0	35.7	53.5

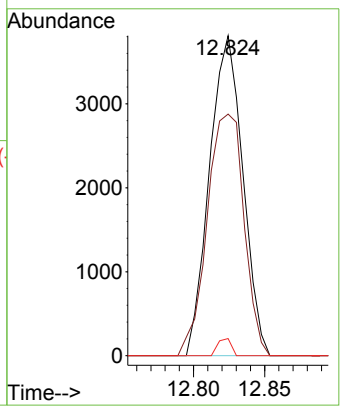


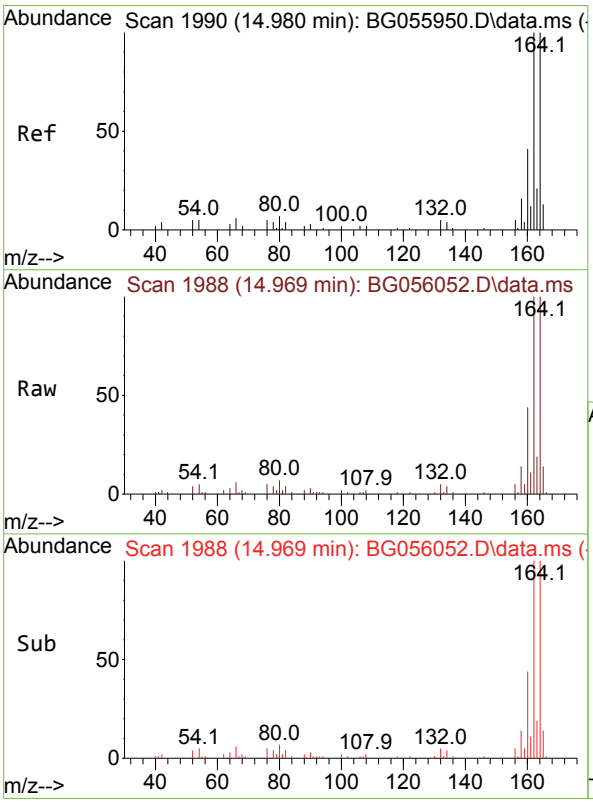


#38
1-Methylnaphthalene
Concen: 3.195 ng
RT: 12.824 min Scan# 1623
Delta R.T. -0.217 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:142 Resp: 6217

Ion	Ratio	Lower	Upper
142	100		
141	75.5	70.2	105.2
116	5.4	3.8	5.8

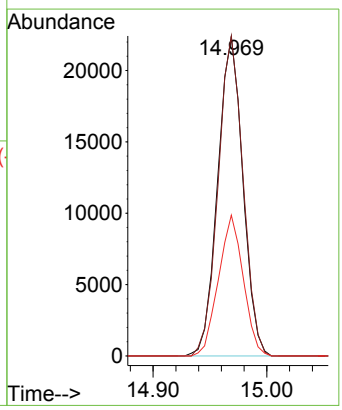


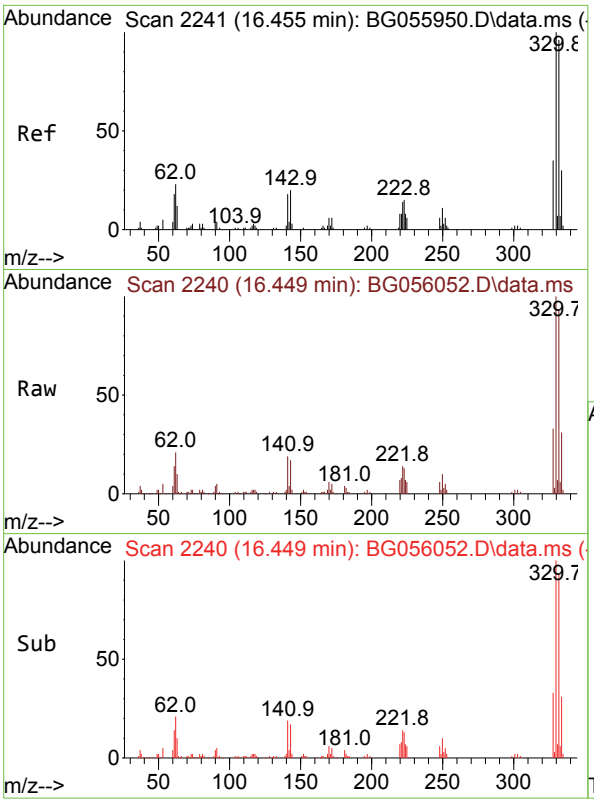


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:164 Resp: 34317

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.8	119.8
160	44.1	33.0	49.4

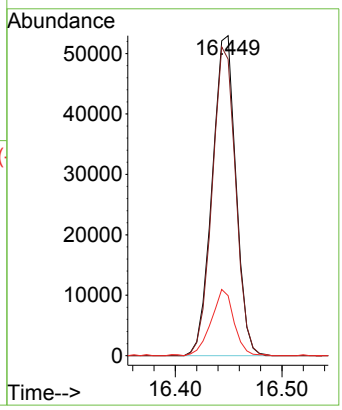


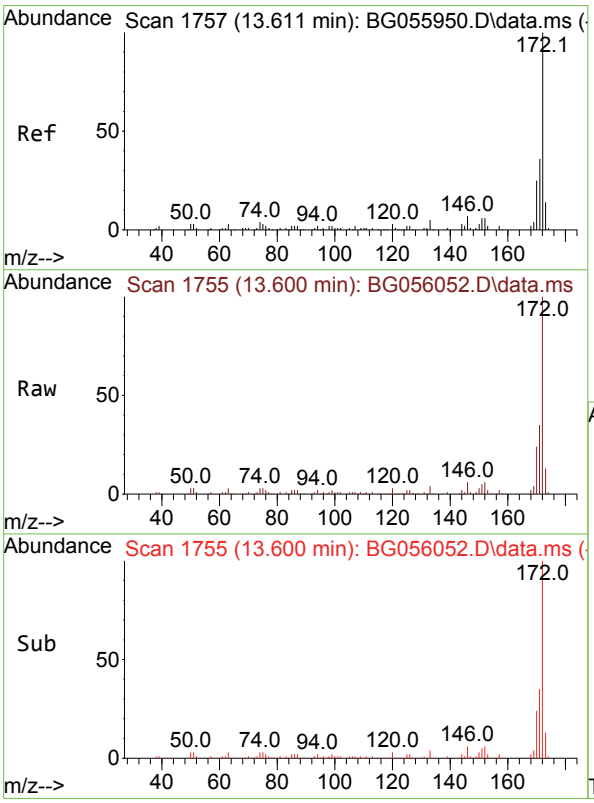


#42
2,4,6-Tribromophenol
Concen: 98.604 ng
RT: 16.449 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:330 Resp: 81593

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	20.1	15.0	22.4

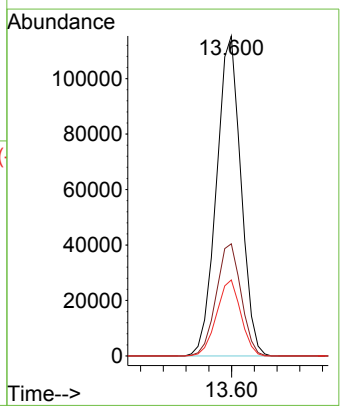


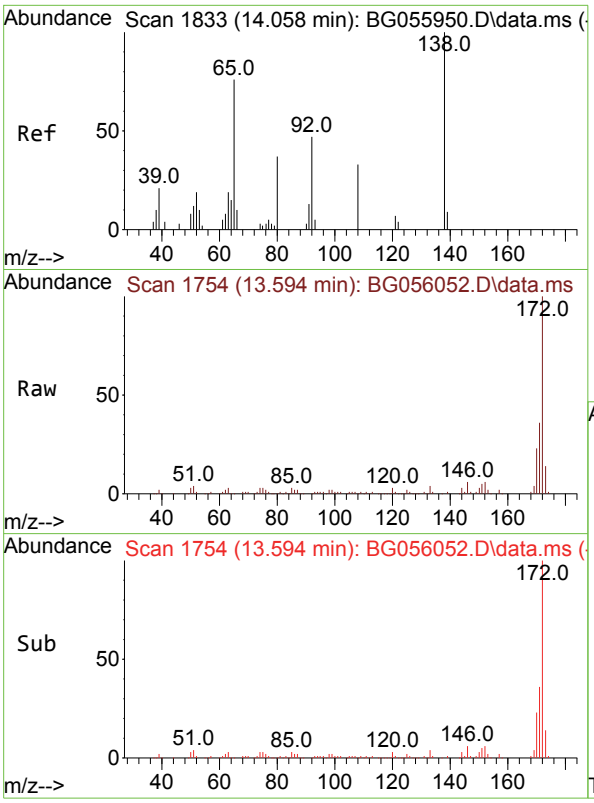


#45
2-Fluorobiphenyl
Concen: 70.324 ng
RT: 13.600 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:172 Resp: 172075

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.8	19.9	29.9

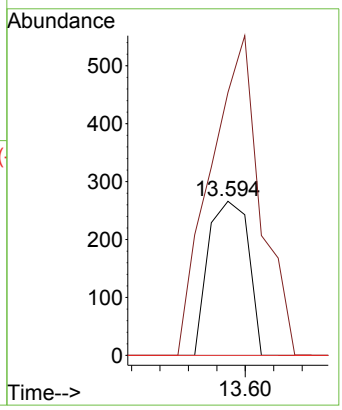


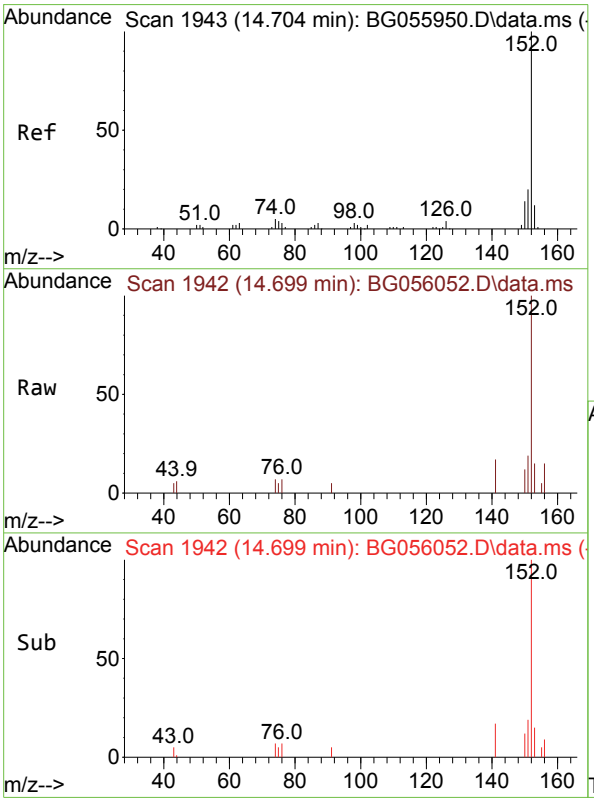


#48
2-Nitroaniline
Concen: 3.471 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.458 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion: 65 Resp: 260

Ion	Ratio	Lower	Upper
65	100		
92	170.7	49.7	74.5#
138	0.0	105.0	157.6#

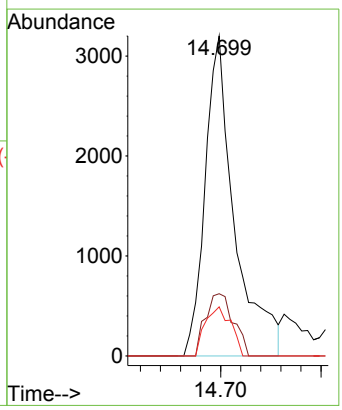


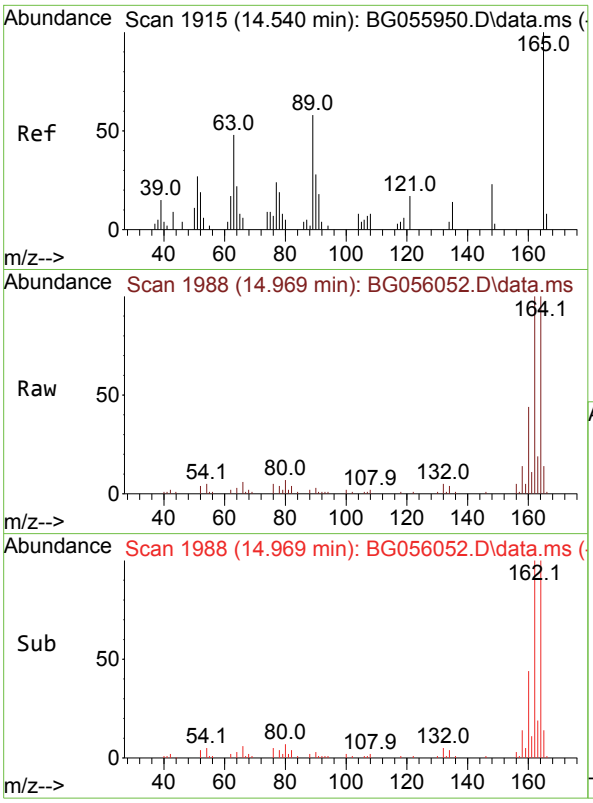


#49
Acenaphthylene
Concen: 2.161 ng
RT: 14.699 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:152 Resp: 6518

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	15.3	10.0	15.0#

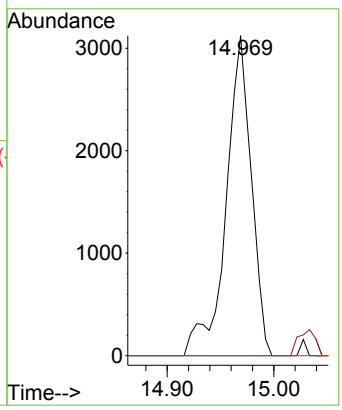


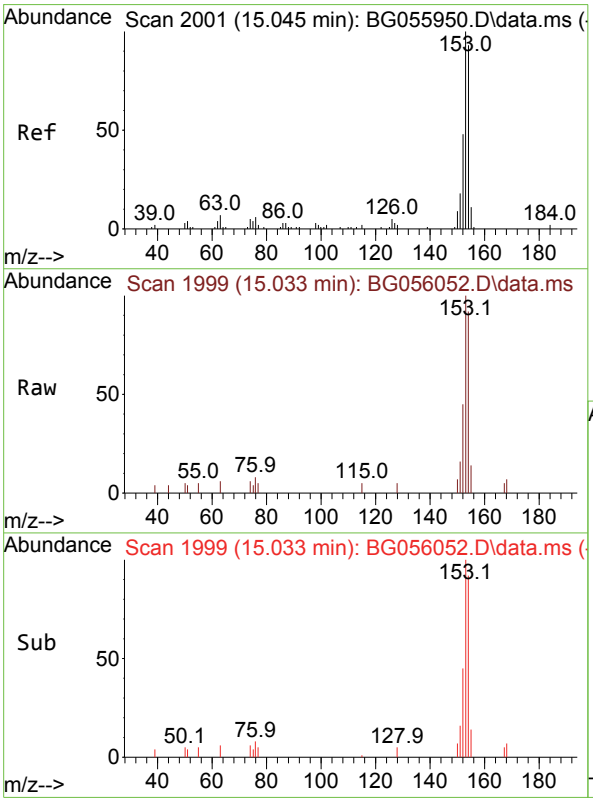


#51
2,6-Dinitrotoluene
Concen: 11.208 ng
RT: 14.969 min Scan# 1988
Delta R.T. 0.435 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:165 Resp: 5146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	46.3	69.5#

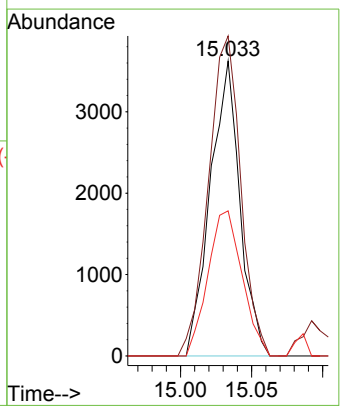


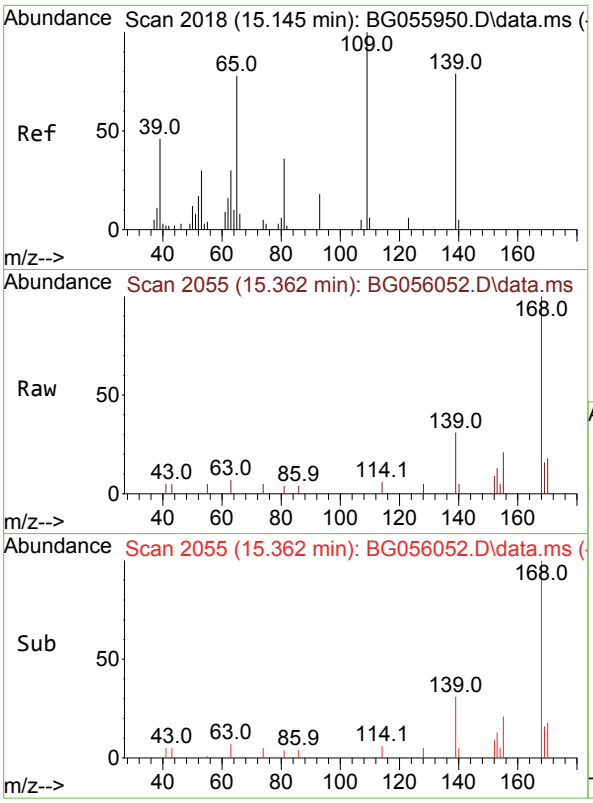


#52
Acenaphthene
Concen: 2.587 ng
RT: 15.033 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:154 Resp: 5239

Ion	Ratio	Lower	Upper
154	100		
153	108.5	86.2	129.2
152	49.2	41.4	62.0

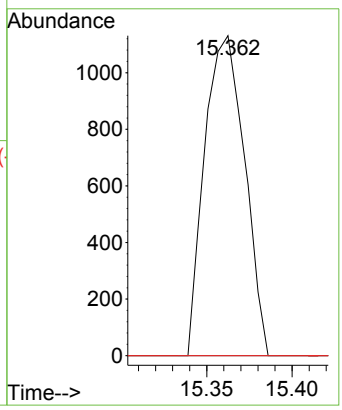


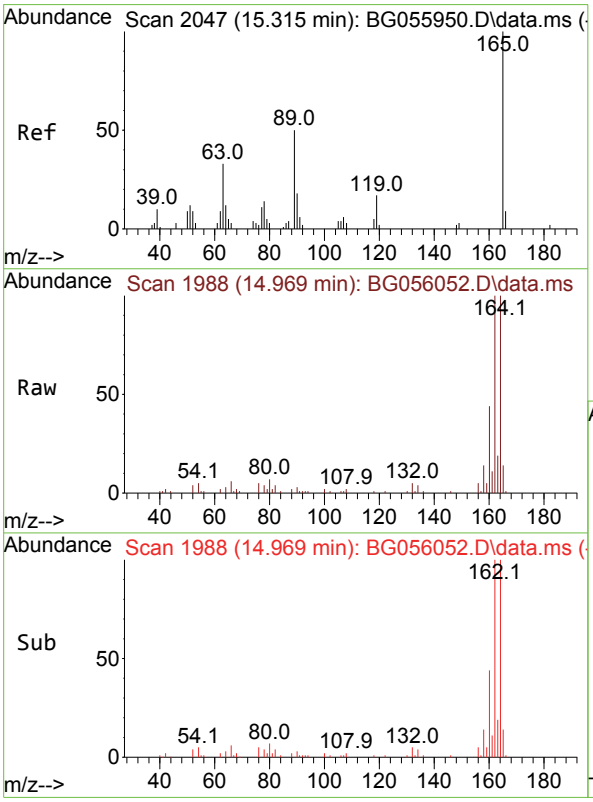


#56
4-Nitrophenol
Concen: 4.925 ng
RT: 15.362 min Scan# 2055
Delta R.T. 0.217 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:139 Resp: 1843

Ion	Ratio	Lower	Upper
139	100		
109	0.0	106.7	146.7#
65	0.0	79.2	119.2#

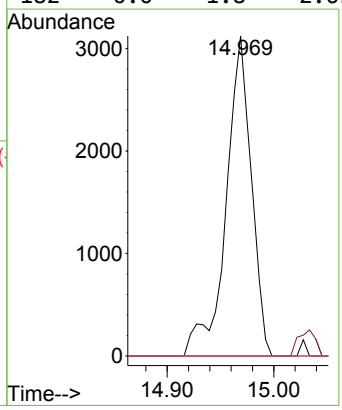


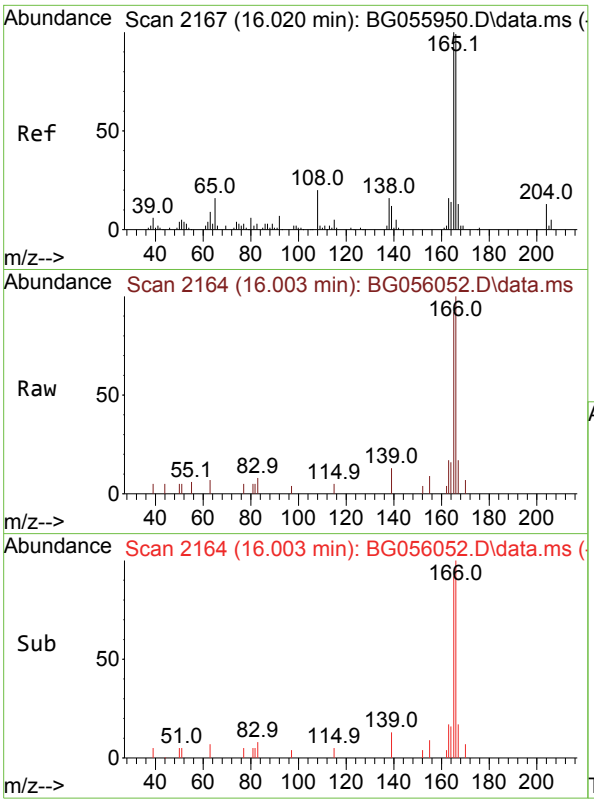


#57
2,4-Dinitrotoluene
Concen: 7.425 ng
RT: 14.969 min Scan# 1988
Delta R.T. -0.347 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:165 Resp: 5146

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.6	39.8#
89	0.0	40.1	60.1#
182	0.0	1.8	2.6#

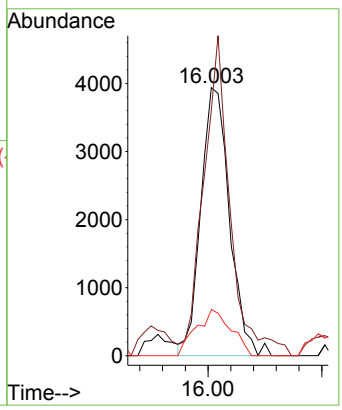


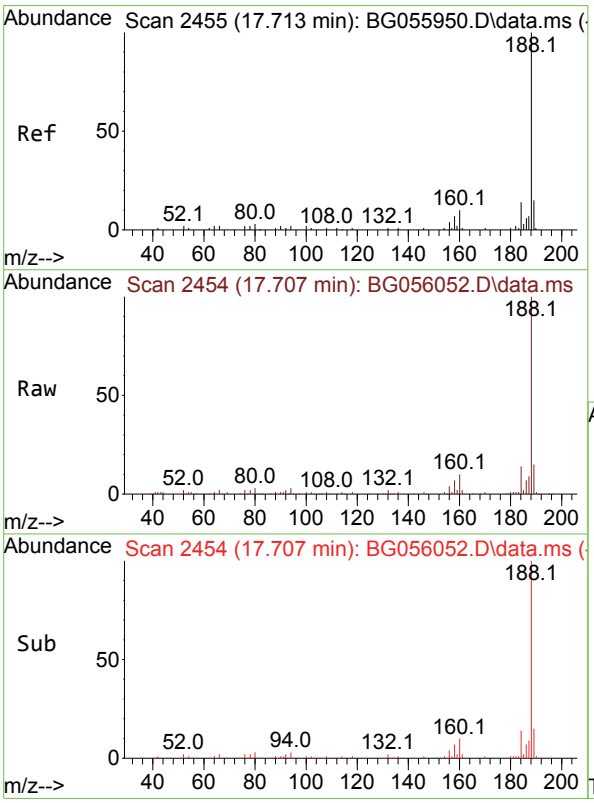


#58
Fluorene
Concen: 2.481 ng
RT: 16.003 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:166 Resp: 6907

Ion	Ratio	Lower	Upper
166	100		
165	91.5	81.1	121.7
167	17.2	10.5	15.7#

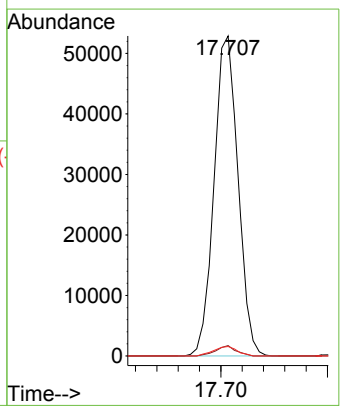


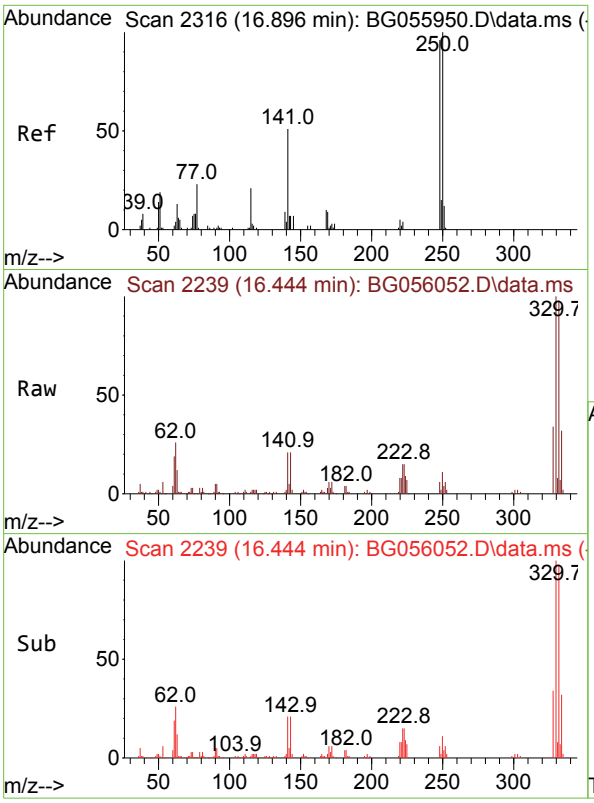


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:188 Resp: 82269

Ion	Ratio	Lower	Upper
188	100		
94	3.2	1.8	2.8#
80	3.0	2.4	3.6

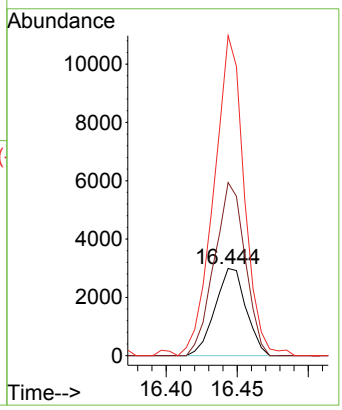


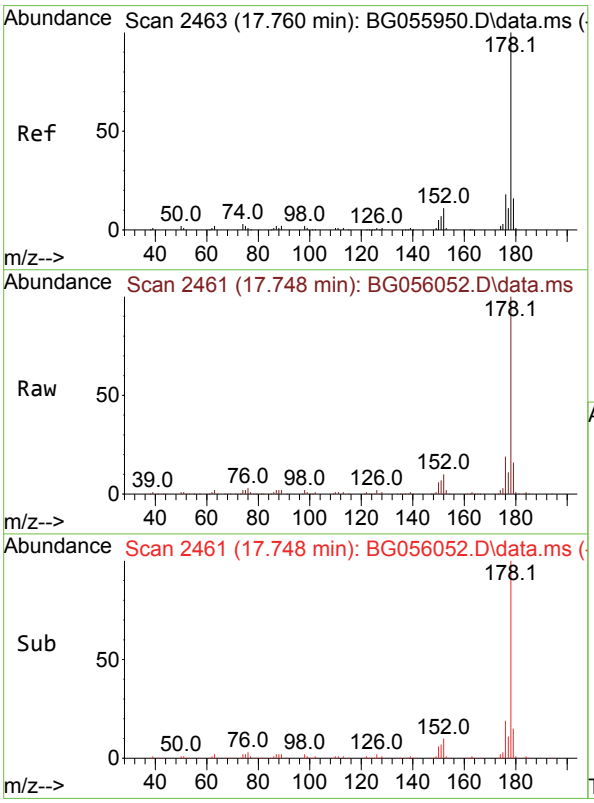


#67
4-Bromophenyl-phenylether
Concen: 3.769 ng
RT: 16.444 min Scan# 2239
Delta R.T. -0.447 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:248 Resp: 4544

Ion	Ratio	Lower	Upper
248	100		
250	198.7	83.0	124.6#
141	367.3	42.6	64.0#

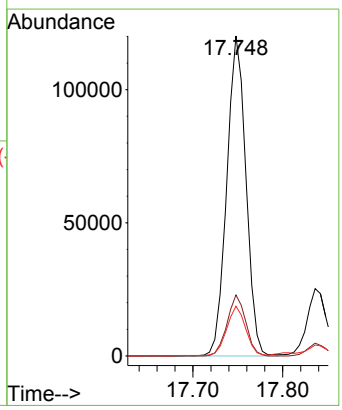


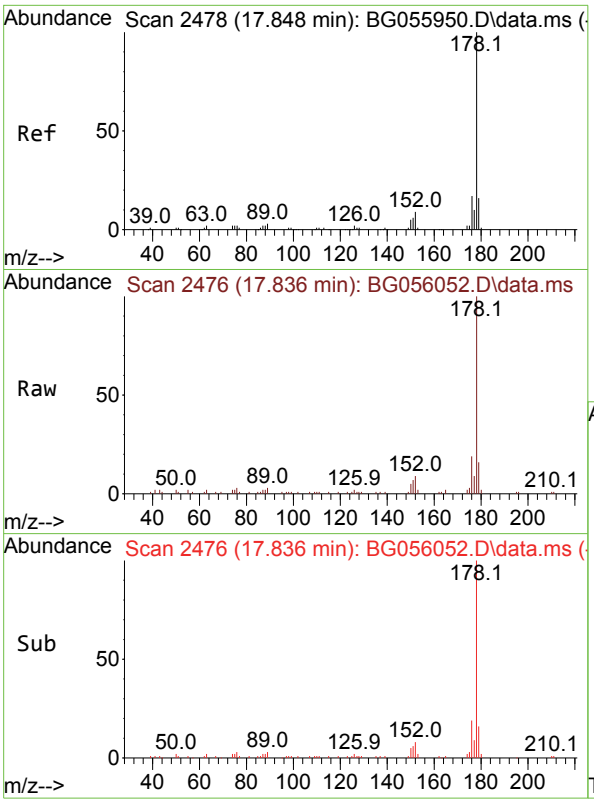


#71
Phenanthrene
Concen: 41.366 ng
RT: 17.748 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:178 Resp: 178344

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.4	21.6
179	15.5	12.7	19.1

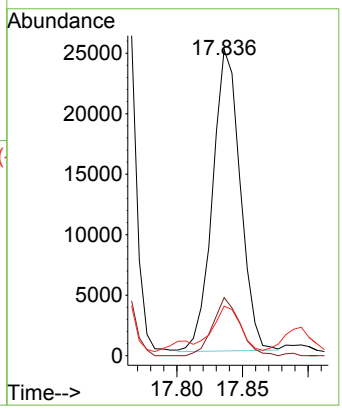


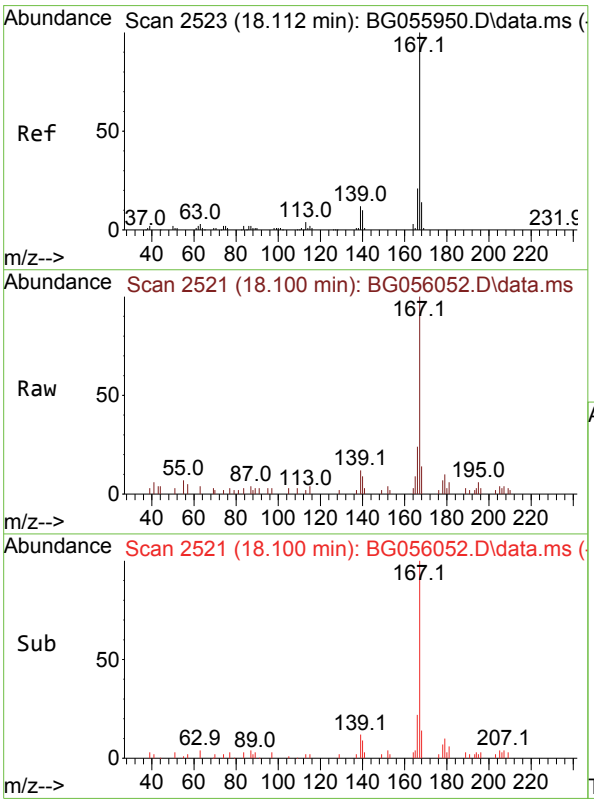


#72
Anthracene
Concen: 8.570 ng
RT: 17.836 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:178 Resp: 36553

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.9	20.9
179	16.2	12.7	19.1

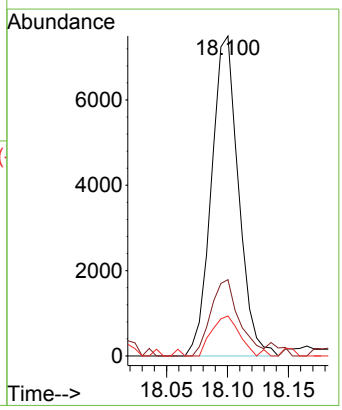


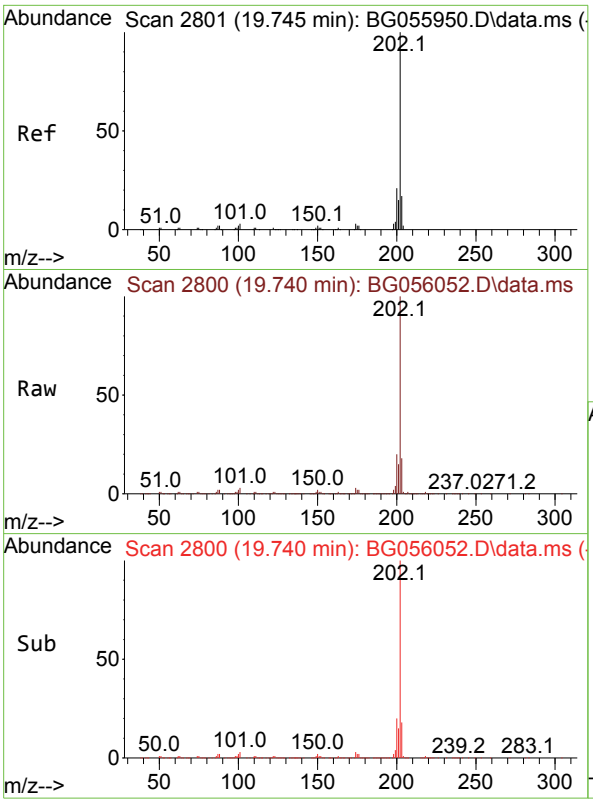


#73
Carbazole
Concen: 3.289 ng
RT: 18.100 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:167 Resp: 11571

Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.6	25.0
139	12.5	9.7	14.5

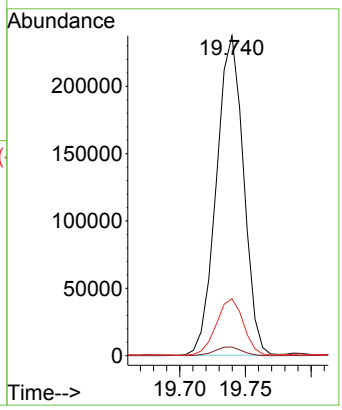


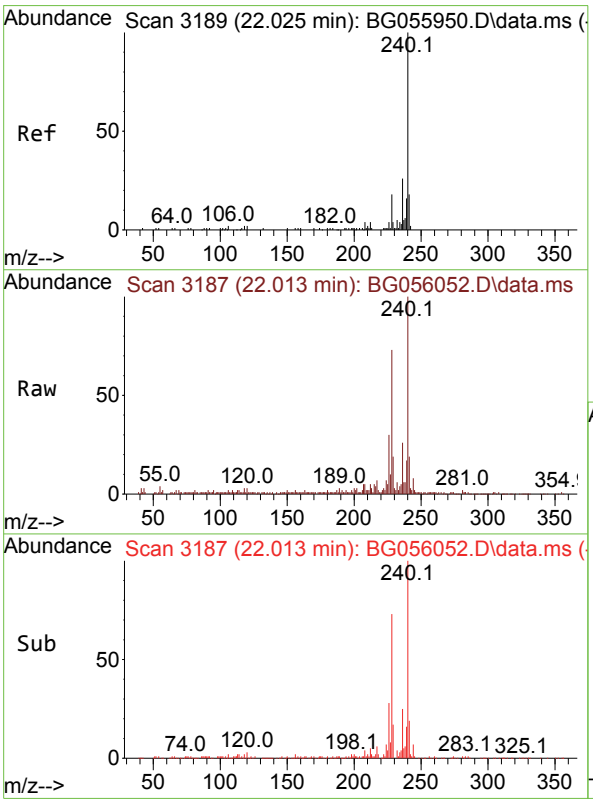


#75
Fluoranthene
Concen: 56.404 ng
RT: 19.740 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:202 Resp: 340522

Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	22.6
203	17.8	0.0	37.1

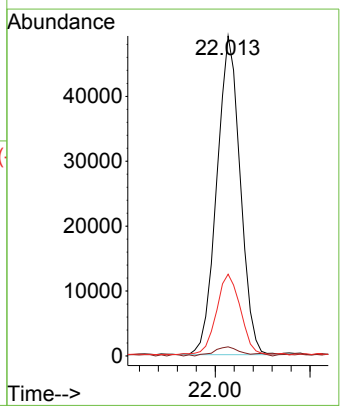


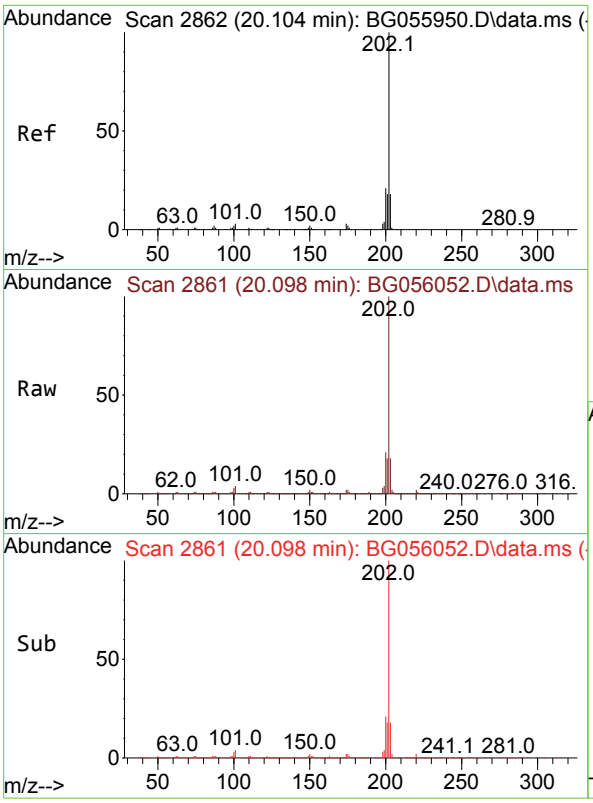


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:240 Resp: 84257

Ion	Ratio	Lower	Upper
240	100		
120	2.9	1.7	2.5#
236	25.5	21.1	31.7

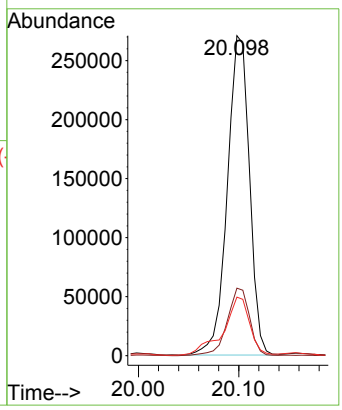


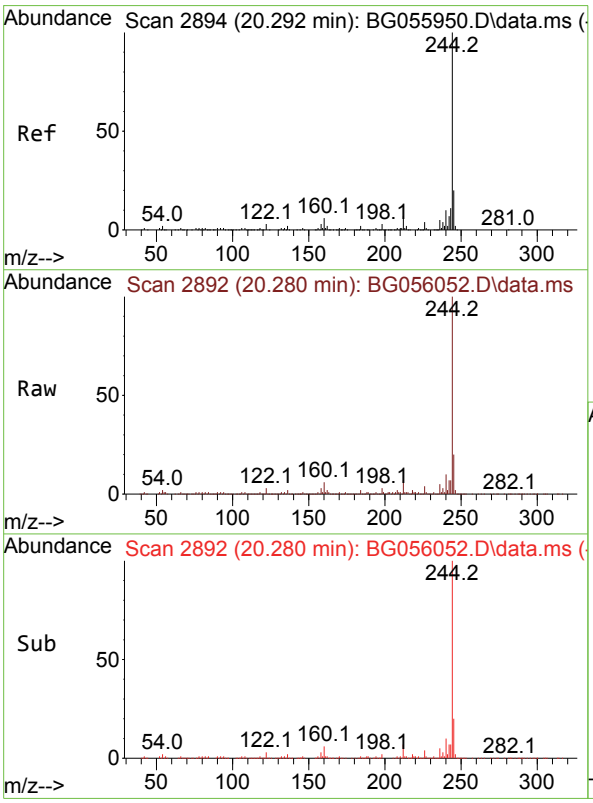


#78
Pyrene
Concen: 81.480 ng
RT: 20.098 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:202 Resp: 415421

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.3	14.6	21.8

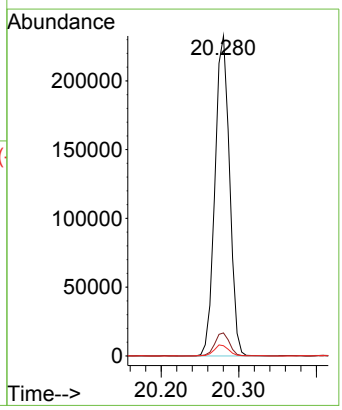


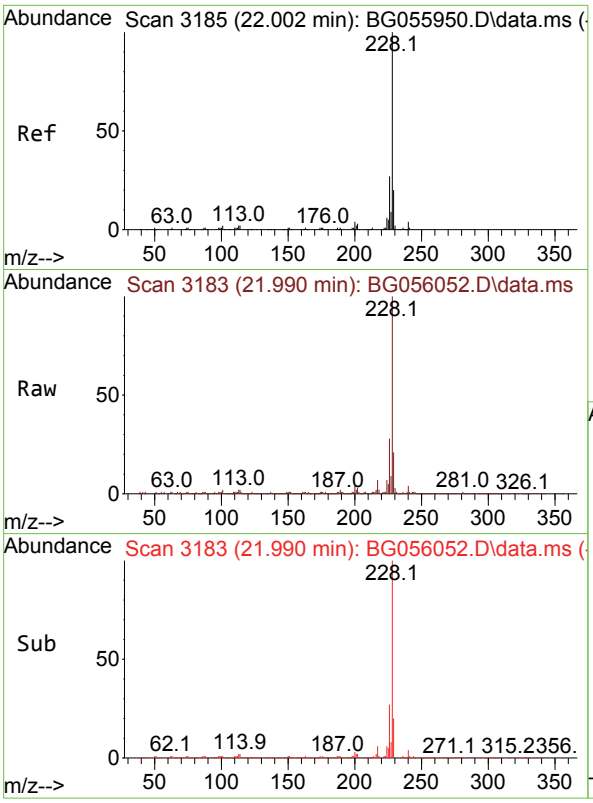


#79
Terphenyl-d14
Concen: 63.865 ng
RT: 20.280 min Scan# 2892
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:244 Resp: 304466

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	3.2	2.5	3.7

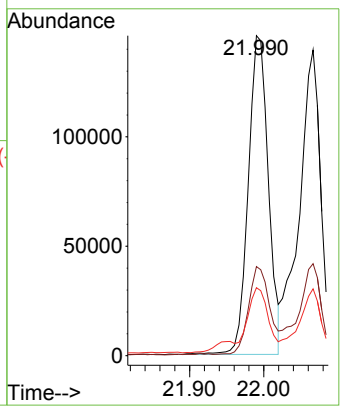


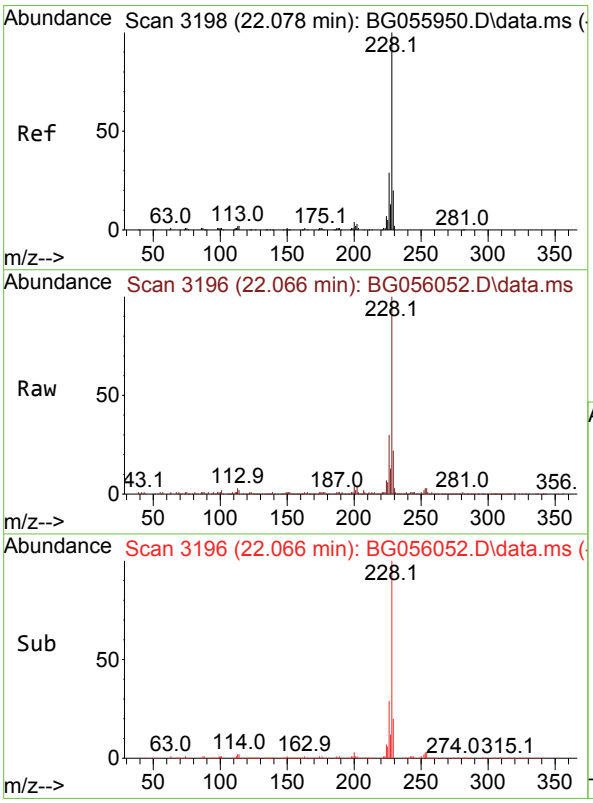


#81
Benzo(a)anthracene
Concen: 46.251 ng
RT: 21.990 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:228 Resp: 274223

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	21.2	15.9	23.9

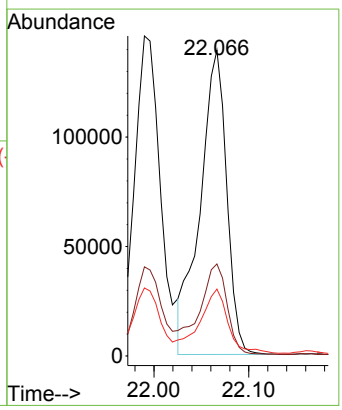


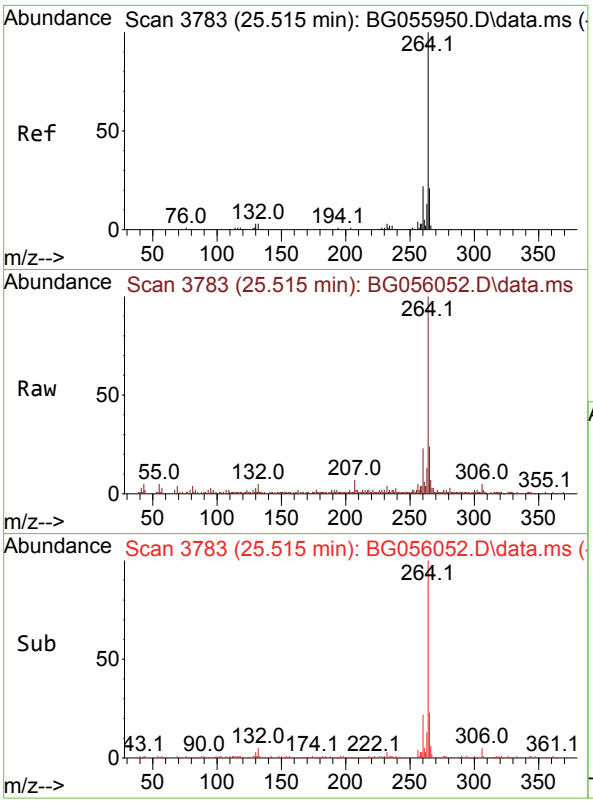


#83
Chrysene
Concen: 48.769 ng
RT: 22.066 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:228 Resp: 270997

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.1	34.7
229	21.9	15.7	23.5

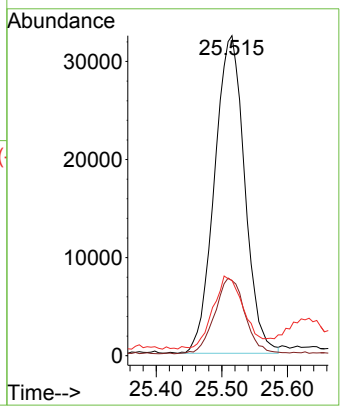


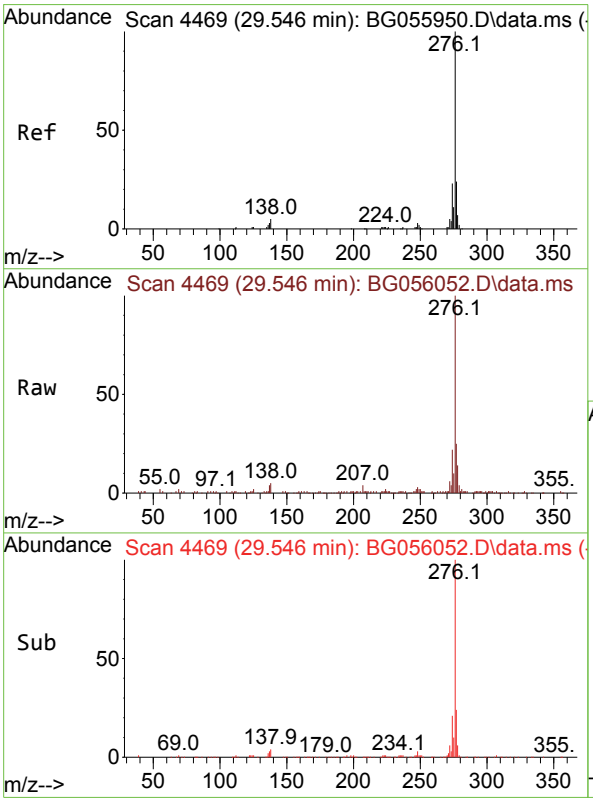


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.515 min Scan# 3783
Delta R.T. 0.018 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:264 Resp: 103277

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.8
265	23.6	16.6	25.0

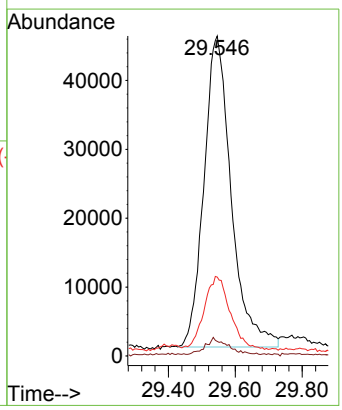


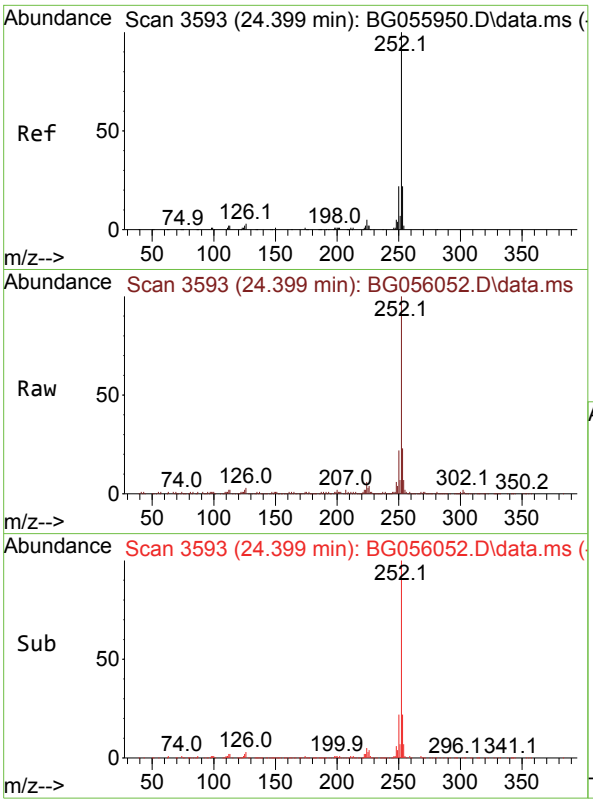


#87
Indeno(1,2,3-cd)pyrene
Concen: 30.781 ng
RT: 29.546 min Scan# 4469
Delta R.T. 0.023 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:276 Resp: 255637

Ion	Ratio	Lower	Upper
276	100		
138	4.0	3.0	4.4
277	22.2	20.4	30.6

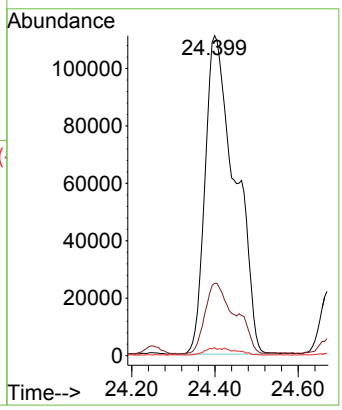


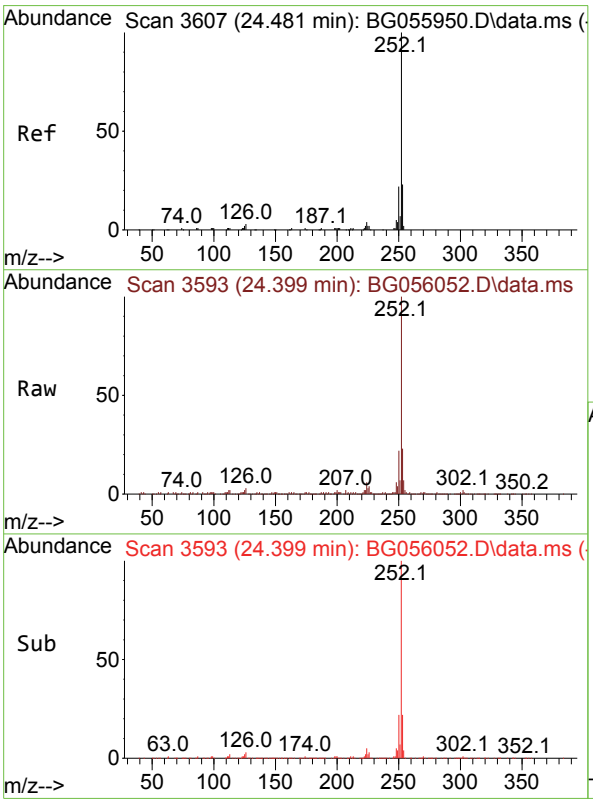


#88
Benzo(b)fluoranthene
Concen: 83.386 ng
RT: 24.399 min Scan# 3593
Delta R.T. 0.012 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:252 Resp: 557350

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	2.5	1.8	2.8

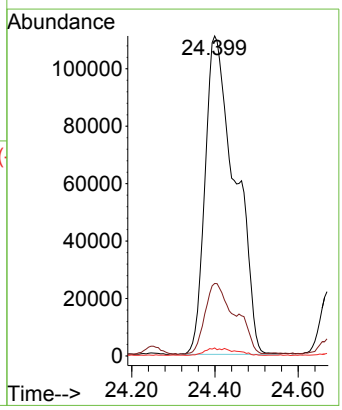


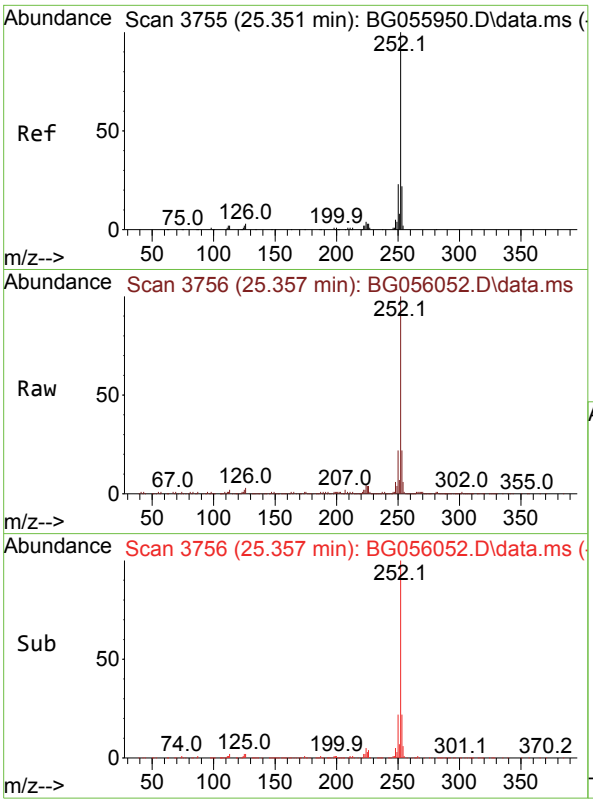


#89
Benzo(k)fluoranthene
Concen: 83.577 ng
RT: 24.399 min Scan# 3593
Delta R.T. -0.065 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:252 Resp: 557350

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	2.5	2.0	3.0

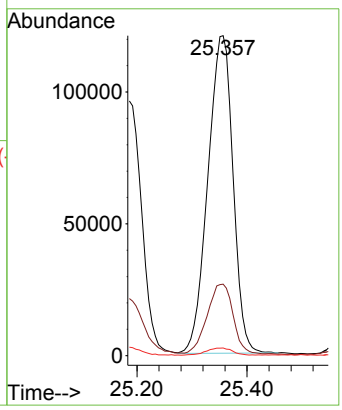


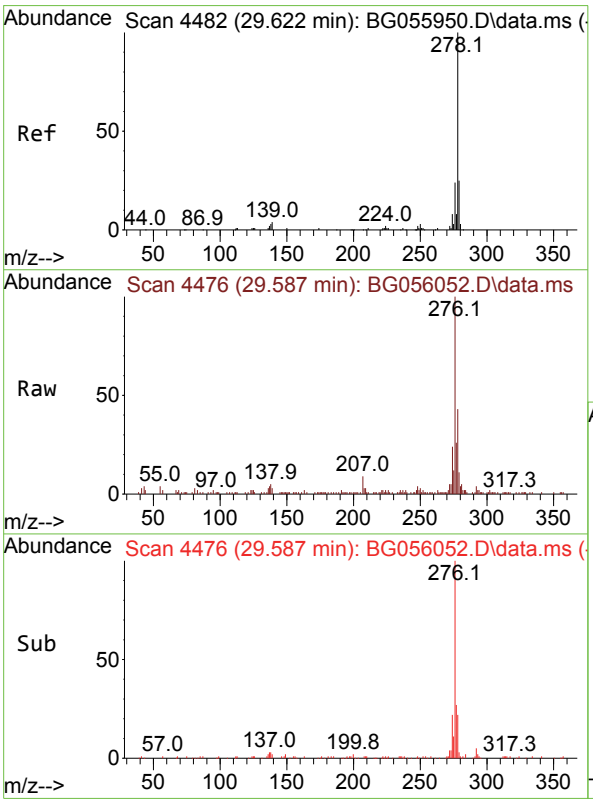


#90
Benzo(a)pyrene
Concen: 67.691 ng
RT: 25.357 min Scan# 3756
Delta R.T. 0.023 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:252 Resp: 382439

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	2.4	1.9	2.9

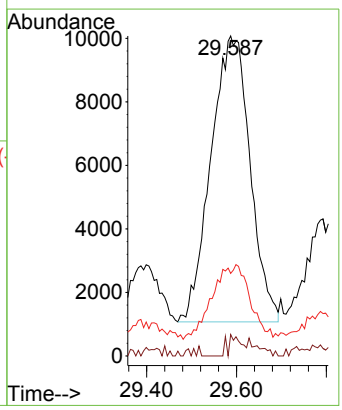


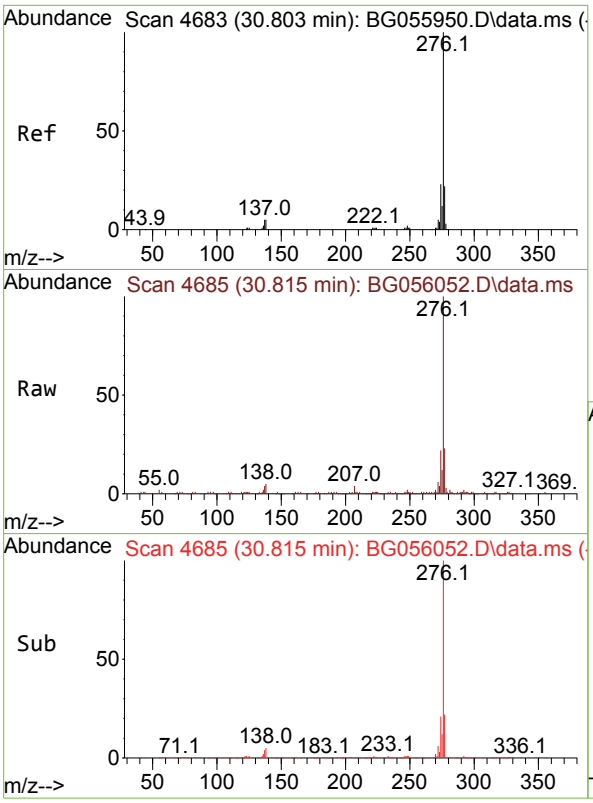


#91
Dibenzo(a,h)anthracene
Concen: 7.848 ng
RT: 29.587 min Scan# 4476
Delta R.T. -0.006 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:278 Resp: 54555

Ion	Ratio	Lower	Upper
278	100		
139	6.7	2.9	4.3#
279	25.8	20.0	30.0





#92
Benzo(g,h,i)perylene
Concen: 48.364 ng
RT: 30.815 min Scan# 4685
Delta R.T. 0.023 min
Lab File: BG056052.D
Acq: 21 Dec 2022 17:23

Tgt Ion:276 Resp: 325042

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	5.2	3.8	5.6