Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056050.D
Acq On : 21 Dec 2022 16:01
Operator : CG/JU
Sample : N6038-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 22 01:24:48 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	9597	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	37079	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	32082	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	80946	20.000	ng	0.00
76) Chrysene-d12	22.008	240	80879	20.000	ng	# 0.00
86) Perylene-d12	25.498	264	100322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	55917	136.642	ng	0.00
7) Phenol-d6	7.489	99	70188	133.357	ng	0.00
23) Nitrobenzene-d5	9.534	82	47940	90.352	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	95509	123.462	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	171003	74.755	ng	0.00
79) Terphenyl-d14	20.274	244	327888	71.651	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.534	70	7418	19.663	ng	# 62
48) 2-Nitroaniline	13.600	65	178	3.296	ng	# 1
51) 2,6-Dinitrotoluene	14.969	165	4014	9.352	ng	# 25
56) 4-Nitrophenol	15.356	139	1018	2.910	ng	# 1
57) 2,4-Dinitrotoluene	14.969	165	4014	6.195	ng	# 35
63) Azobenzene	16.302	77	9734	5.899	ng	# 1
67) 4-Bromophenyl-phenylether	16.443	248	5317	4.483	ng	# 1
71) Phenanthrene	17.748	178	117655	27.736	ng	99
72) Anthracene	17.836	178	21688	5.168	ng	98
75) Fluoranthene	19.734	202	167926	28.270	ng	99
77) Benzidine	20.274	184	5201	3.662	ng	# 91
78) Pyrene	20.098	202	204888	41.865	ng	99
81) Benzo(a)anthracene	21.984	228	122826	21.581	ng	99
83) Chrysene	22.060	228	110968	20.804	ng	98
87) Indeno(1,2,3-cd)pyrene	29.505	276	101365	12.565	ng	99
88) Benzo(b)fluoranthene	24.381	252	148700	22.903	ng	96
89) Benzo(k)fluoranthene	24.381	252	148700	22.955	ng	98
90) Benzo(a)pyrene	25.333	252	126074	22.972	ng	100
91) Dibenzo(a,h)anthracene	29.569	278	36819	5.453	ng	# 95
92) Benzo(g,h,i)perylene	30.780	276	98974	15.160	ng	98

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 22 01:24:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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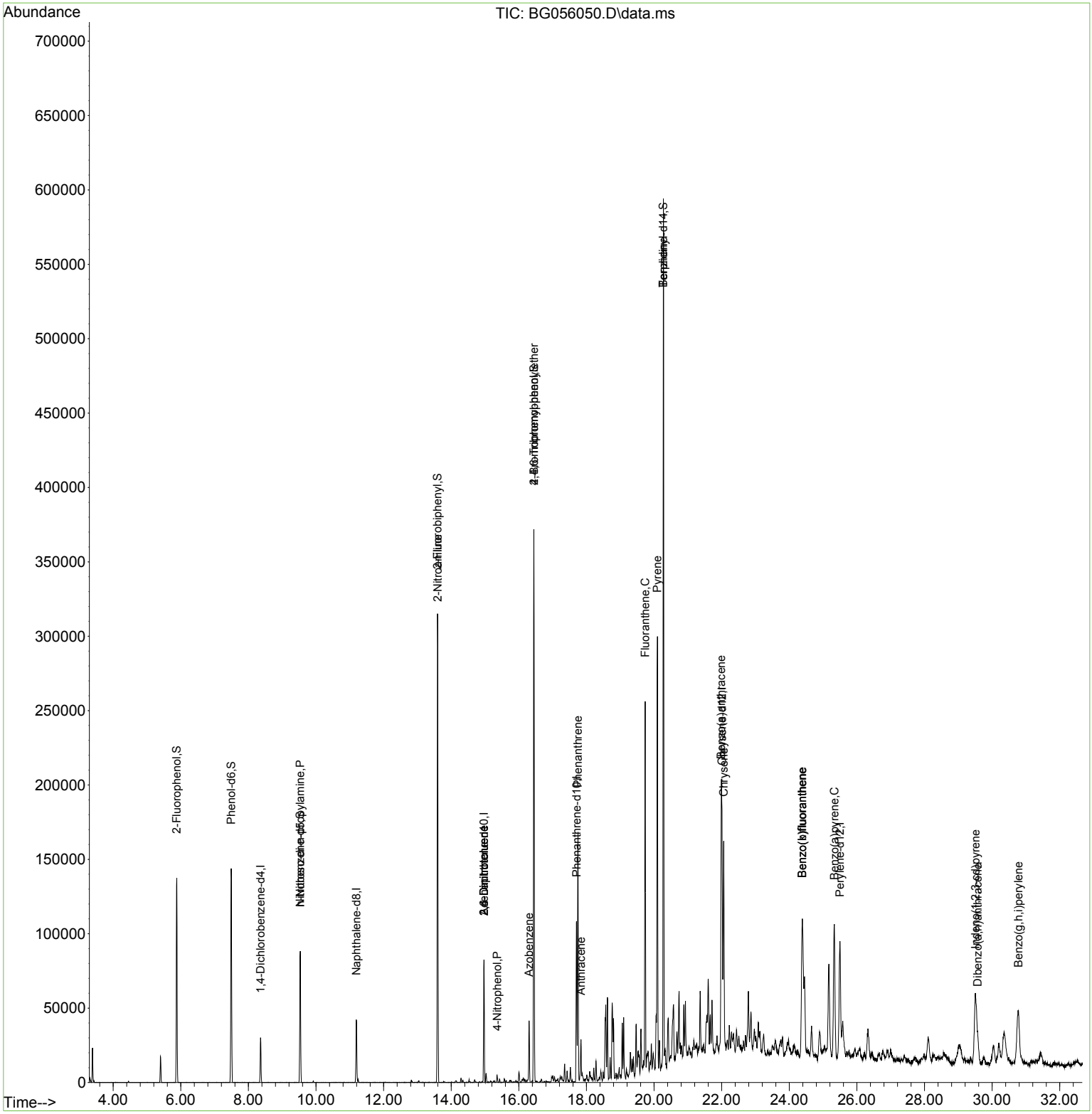
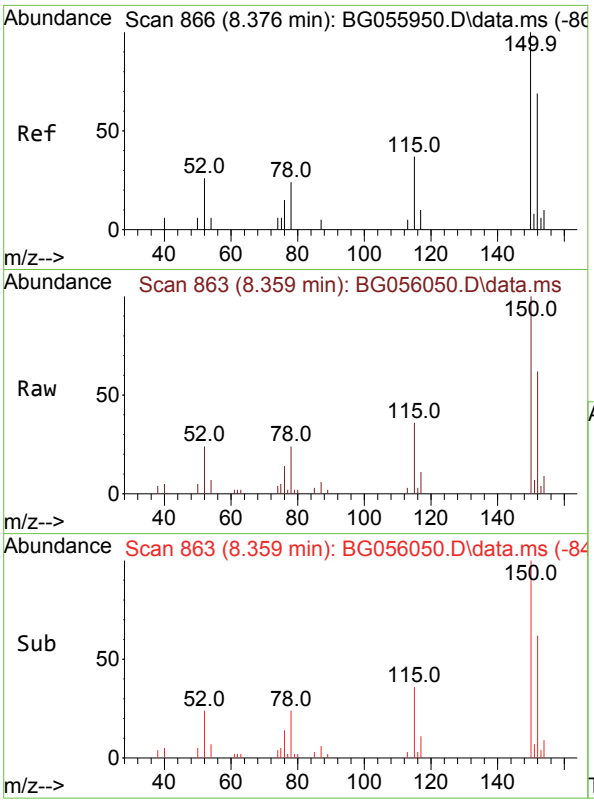
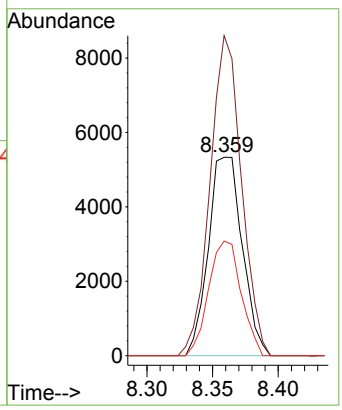


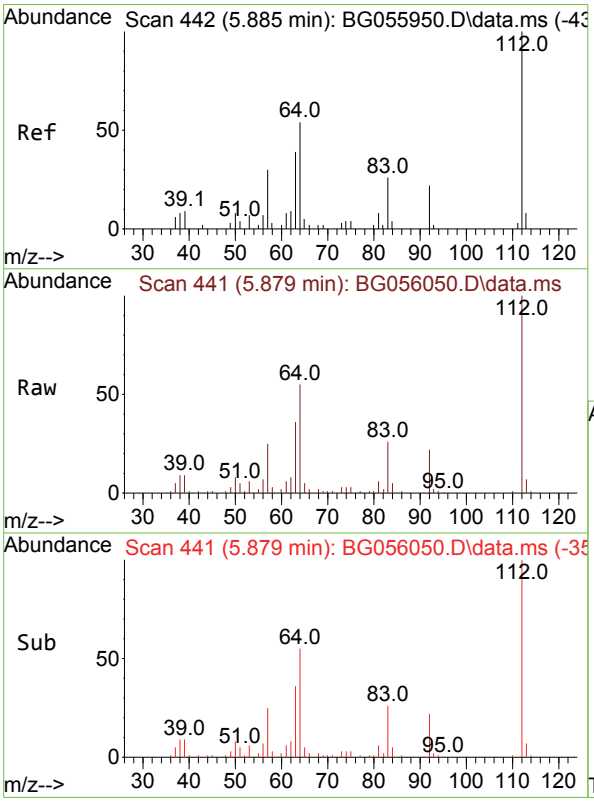


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.359 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:152 Resp: 9597

Ion	Ratio	Lower	Upper
152	100		
150	161.3	115.7	173.5
115	57.7	43.0	64.4

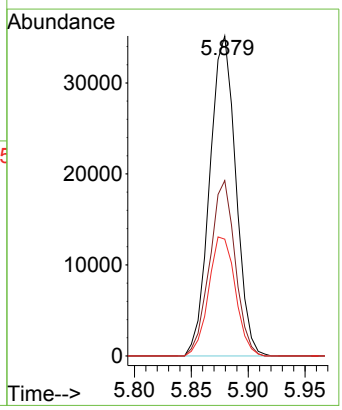


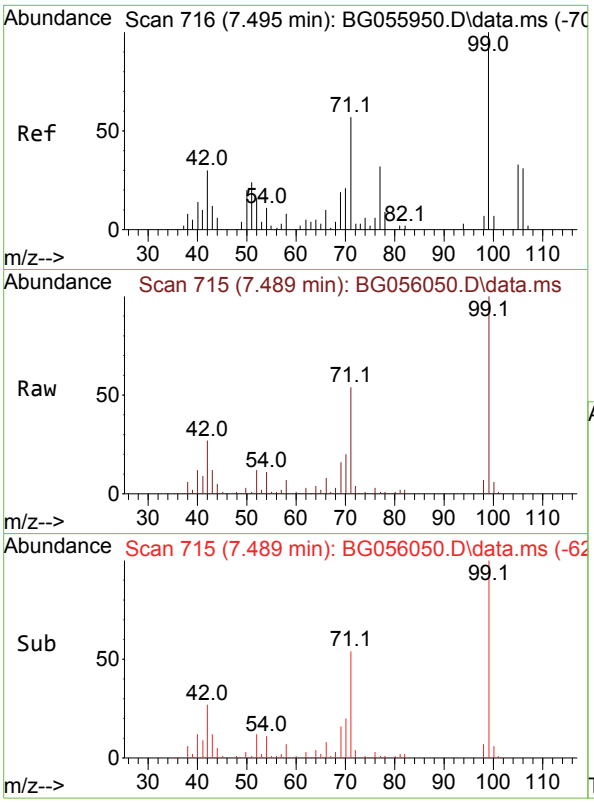


#5
2-Fluorophenol
Concen: 136.642 ng
RT: 5.879 min Scan# 441
Delta R.T. -0.000 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:112 Resp: 55917

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.0	64.4
63	36.5	31.4	47.2

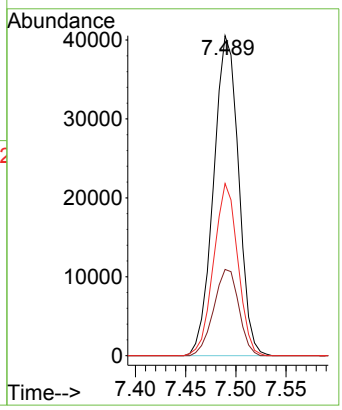


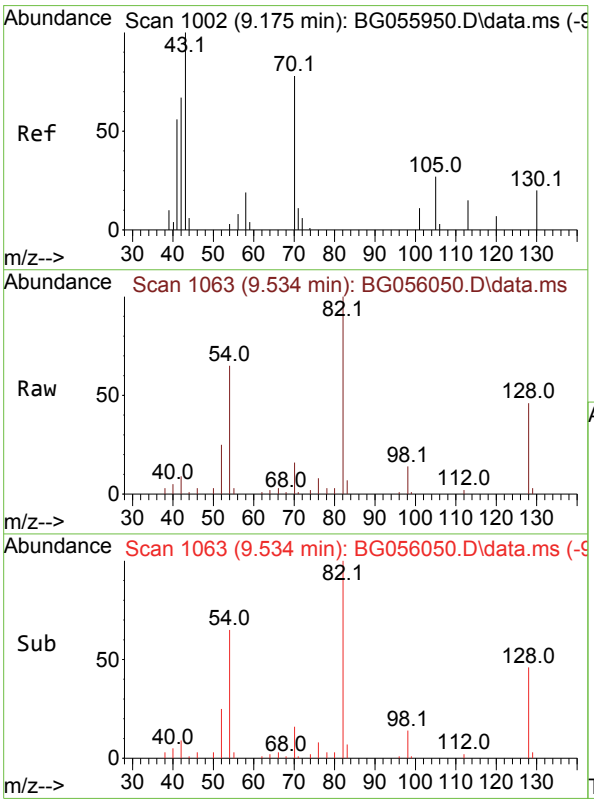


#7
Phenol-d6
Concen: 133.357 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion: 99 Resp: 70188

Ion	Ratio	Lower	Upper
99	100		
42	27.0	24.3	36.5
71	53.8	45.6	68.4

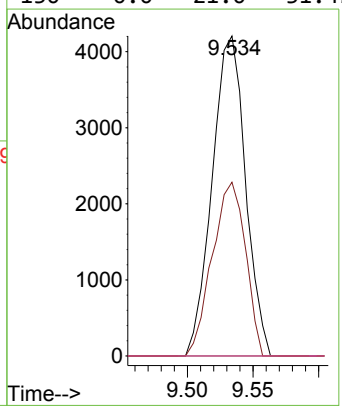


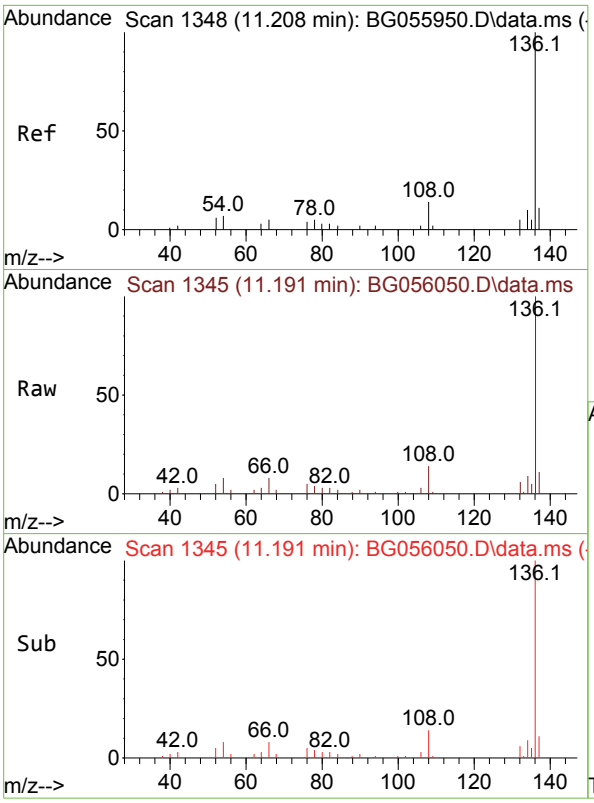


#19
n-Nitroso-di-n-propylamine
Concen: 19.663 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.364 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion: 70 Resp: 7418

Ion	Ratio	Lower	Upper
70	100		
42	54.3	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

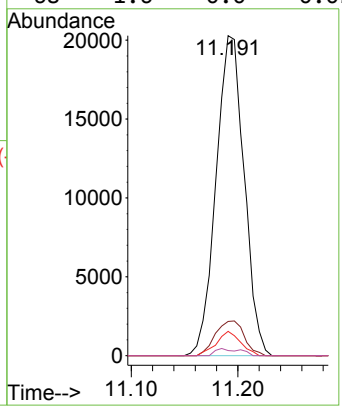


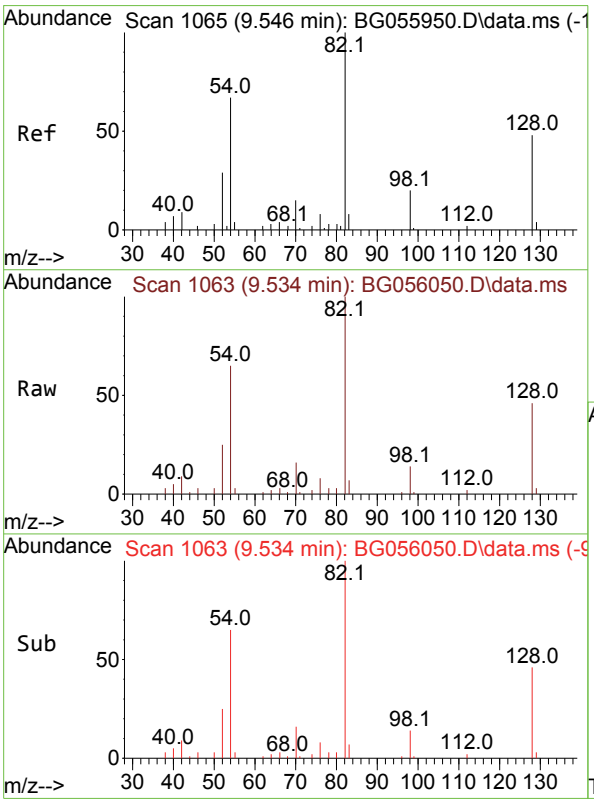


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:136 Resp: 37079

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.6	5.6	8.4
68	1.6	0.0	0.0#

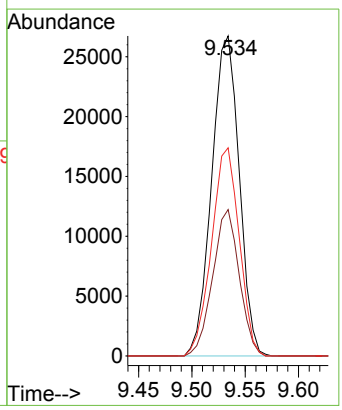


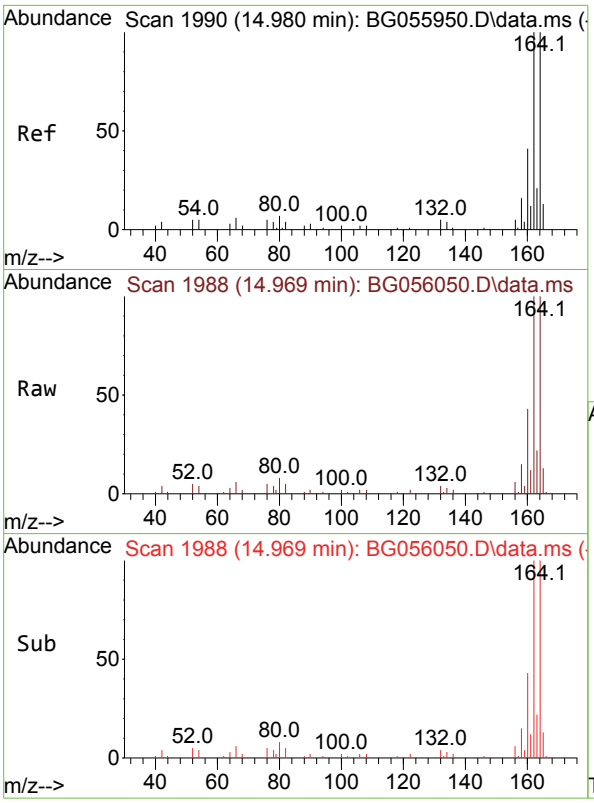


#23
Nitrobenzene-d5
Concen: 90.352 ng
RT: 9.534 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion: 82 Resp: 47940

Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.4	57.6
54	65.1	53.3	79.9

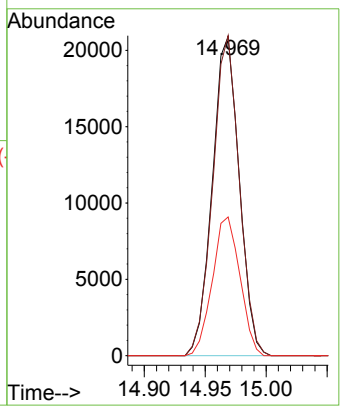


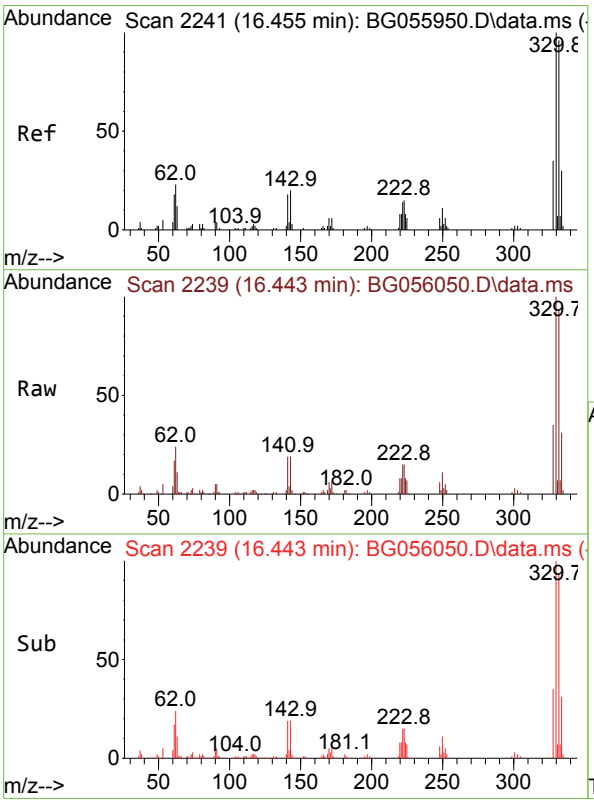


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:164 Resp: 32082

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.8	119.8
160	43.5	33.0	49.4

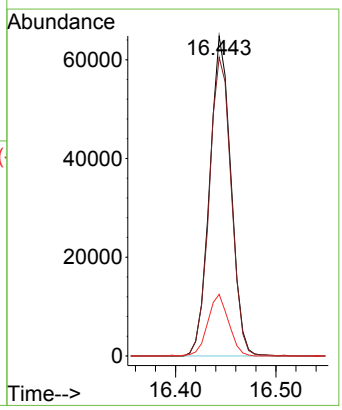


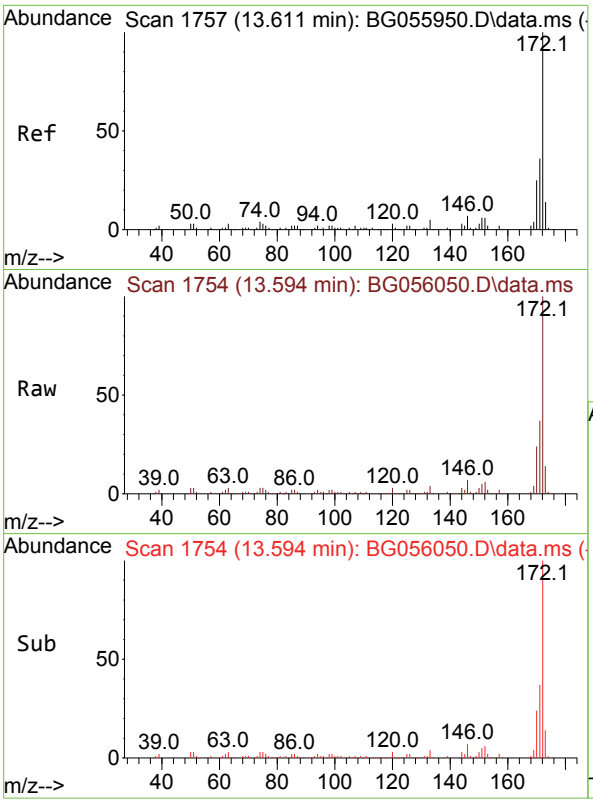


#42
2,4,6-Tribromophenol
Concen: 123.462 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:330 Resp: 95509

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	18.9	15.0	22.4

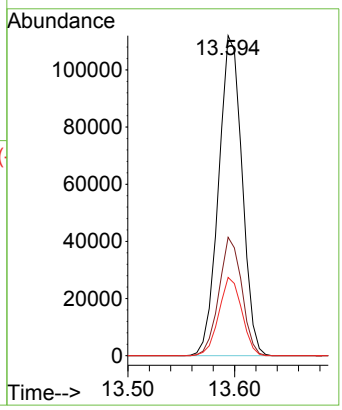


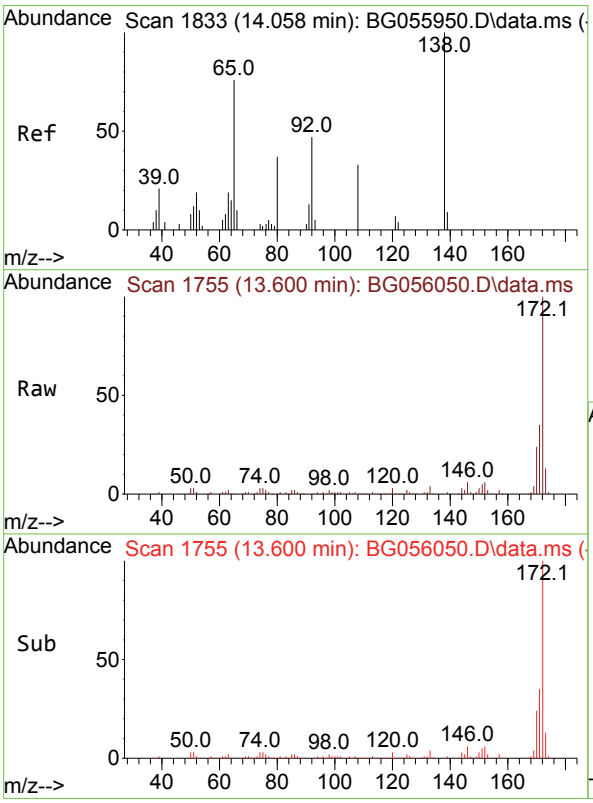


#45
2-Fluorobiphenyl
Concen: 74.755 ng
RT: 13.594 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:172 Resp: 171003

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.5	19.9	29.9

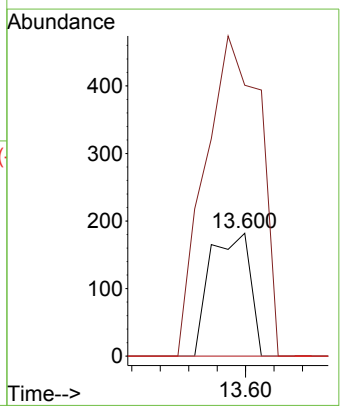


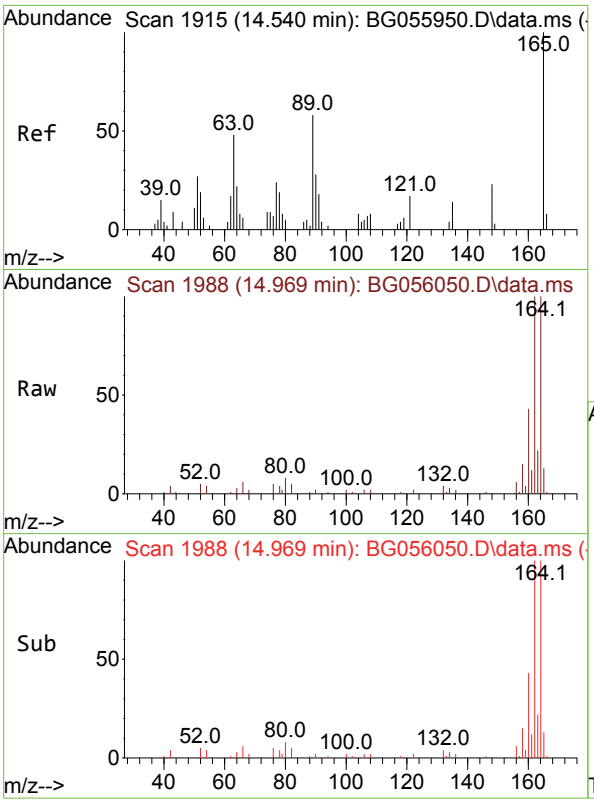


#48
2-Nitroaniline
Concen: 3.296 ng
RT: 13.600 min Scan# 1755
Delta R.T. -0.453 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion: 65 Resp: 178

Ion	Ratio	Lower	Upper
65	100		
92	220.3	49.7	74.5#
138	0.0	105.0	157.6#

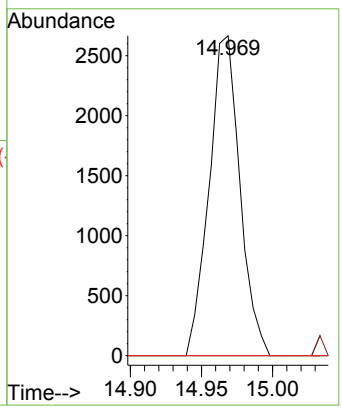


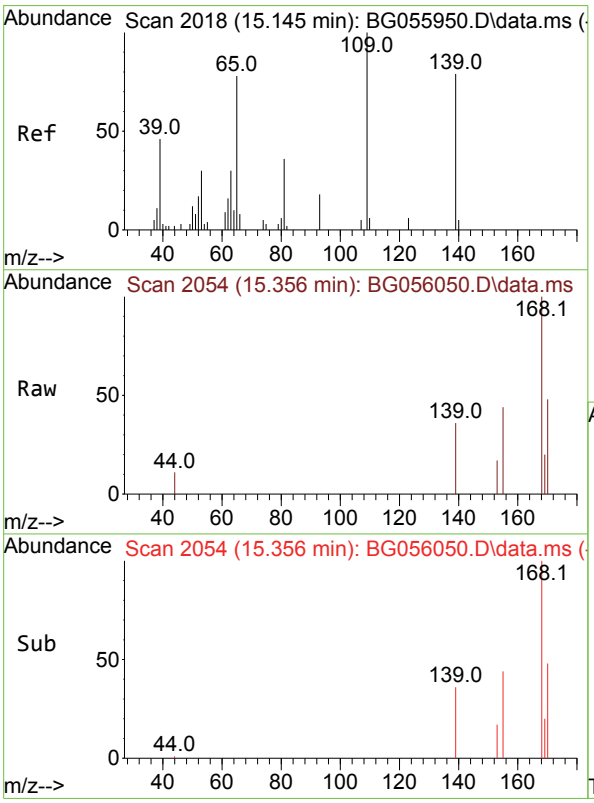


#51
2,6-Dinitrotoluene
Concen: 9.352 ng
RT: 14.969 min Scan# 1988
Delta R.T. 0.435 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:165 Resp: 4014

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

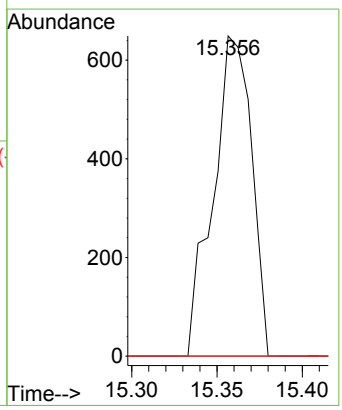


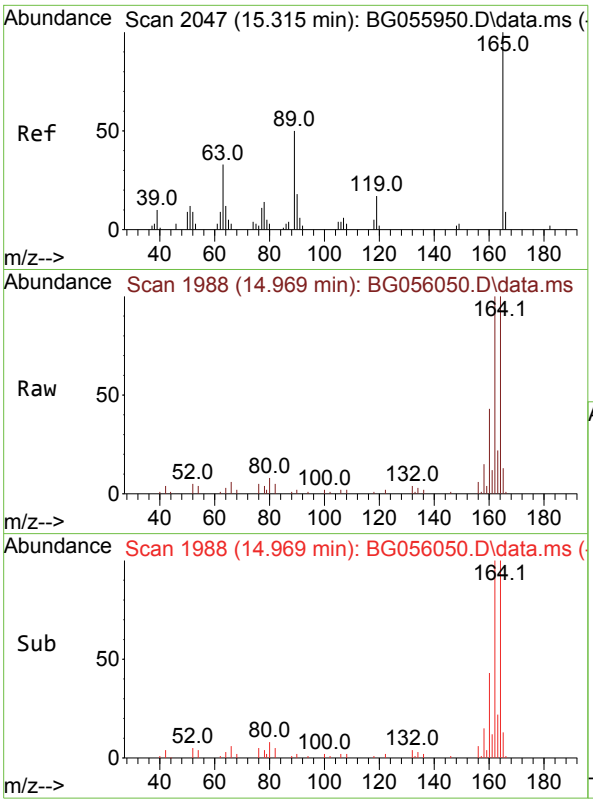


#56
4-Nitrophenol
Concen: 2.910 ng
RT: 15.356 min Scan# 2054
Delta R.T. 0.211 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:139 Resp: 1018

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

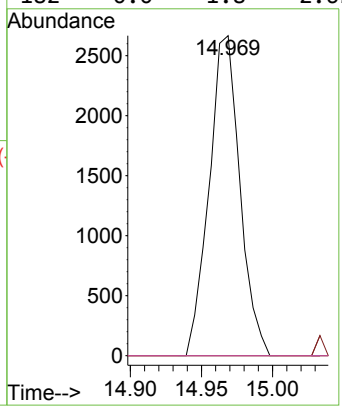


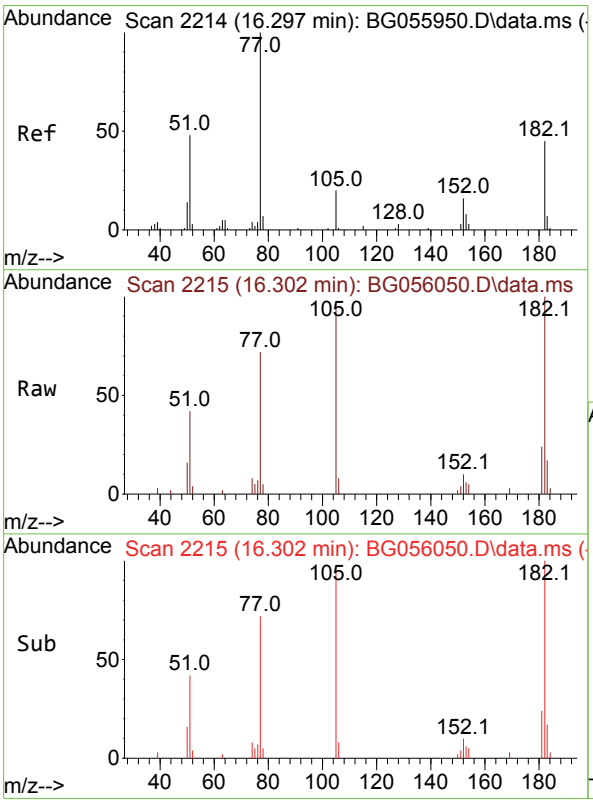


#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 14.969 min Scan# 1988
Delta R.T. -0.347 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:165 Resp: 4014

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#

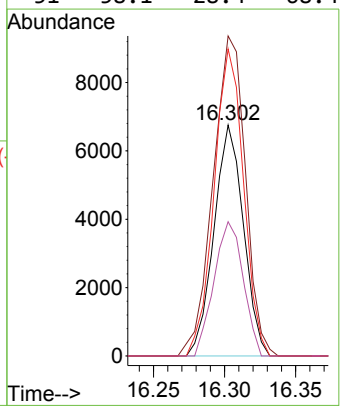


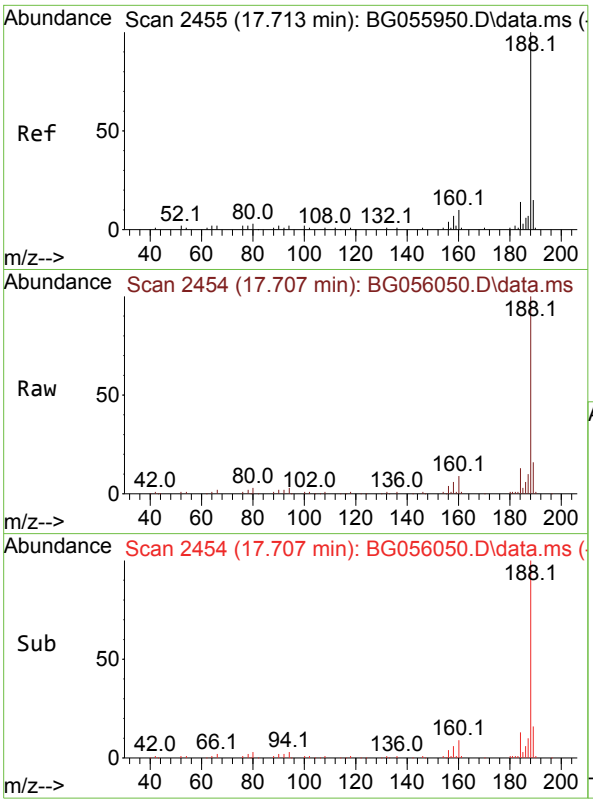


#63
Azobenzene
Concen: 5.899 ng
RT: 16.302 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion: 77 Resp: 9734

Ion	Ratio	Lower	Upper
77	100		
182	138.6	24.7	64.7#
105	133.0	0.3	40.3#
51	58.1	28.4	68.4

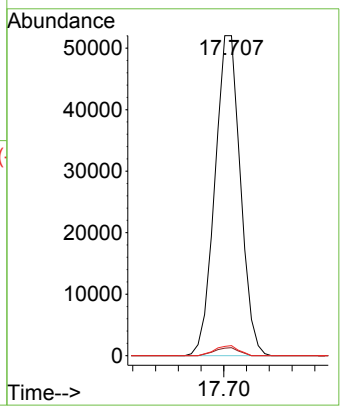


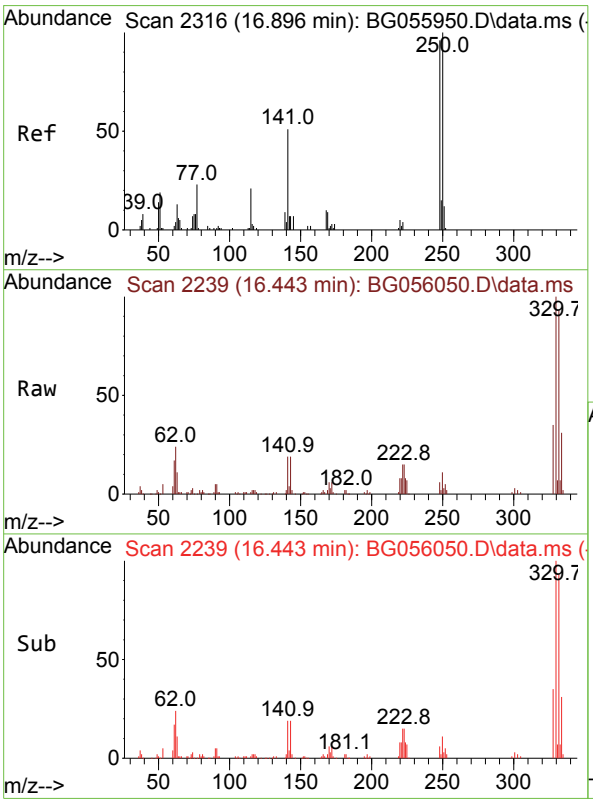


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:188 Resp: 80946

Ion	Ratio	Lower	Upper
188	100		
94	2.5	1.8	2.8
80	3.1	2.4	3.6

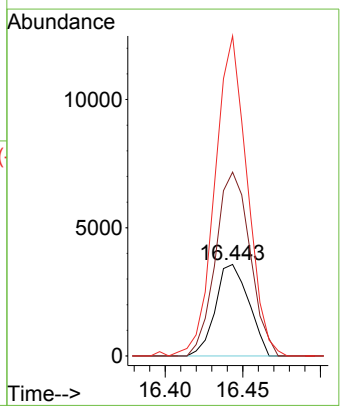


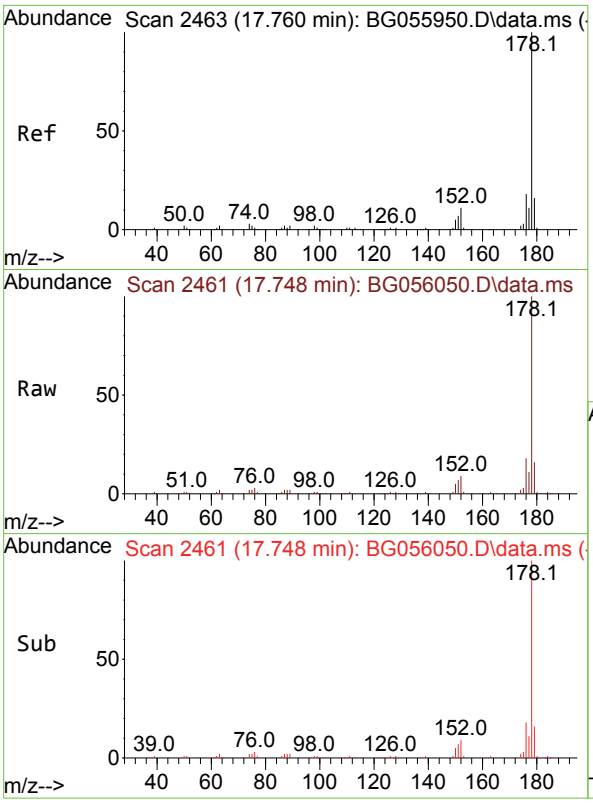


#67
4-Bromophenyl-phenylether
Concen: 4.483 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.447 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:248 Resp: 5317

Ion	Ratio	Lower	Upper
248	100		
250	200.9	83.0	124.6#
141	349.7	42.6	64.0#

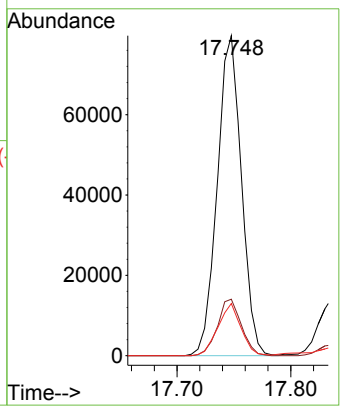


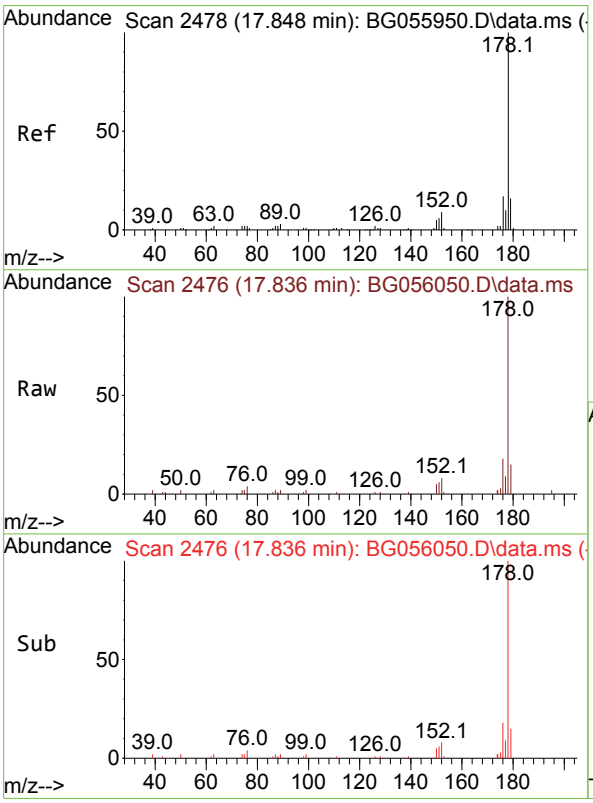


#71
Phenanthrene
Concen: 27.736 ng
RT: 17.748 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:178 Resp: 117655

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	16.3	12.7	19.1

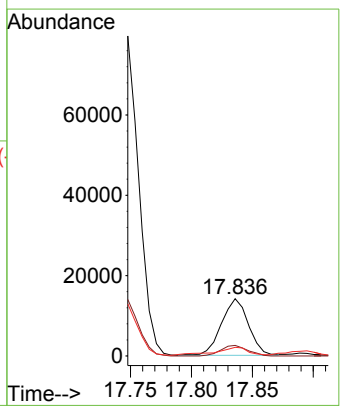


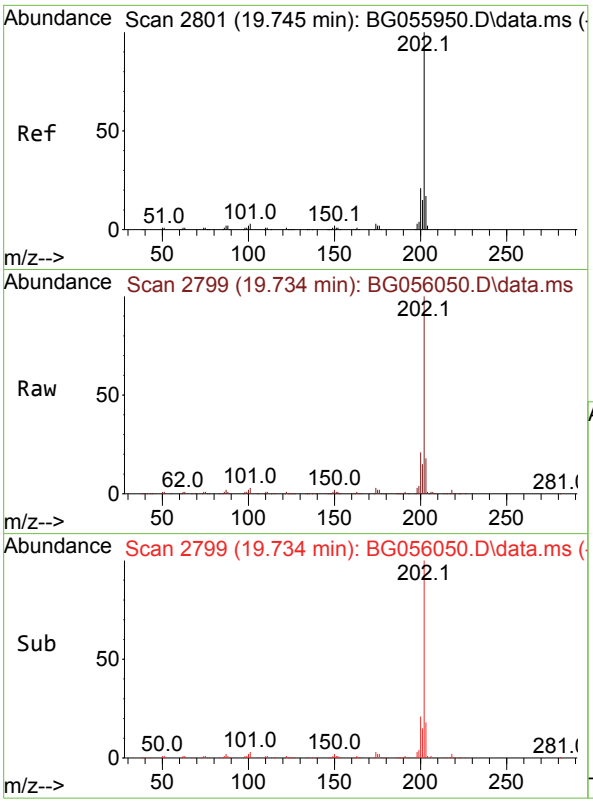


#72
Anthracene
Concen: 5.168 ng
RT: 17.836 min Scan# 2476
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:178 Resp: 21688

Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.9	20.9
179	15.2	12.7	19.1

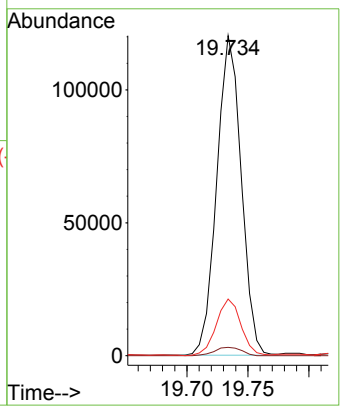


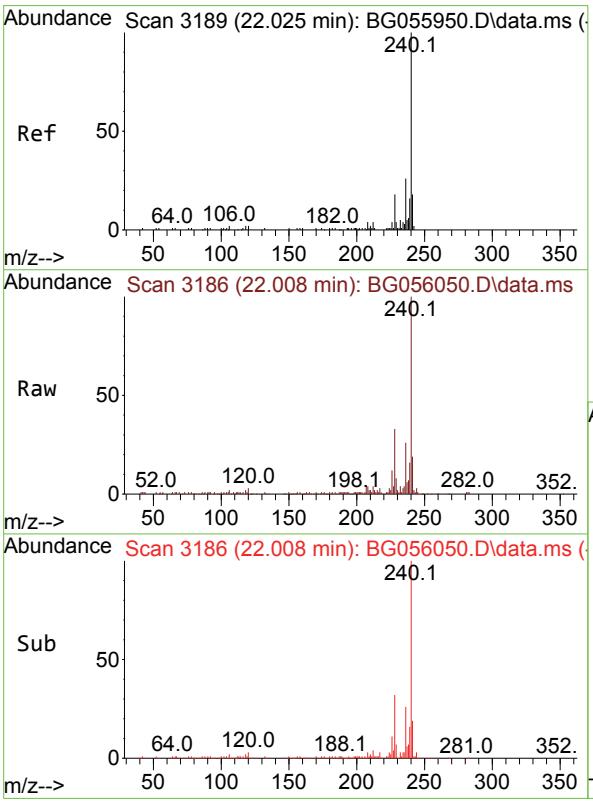


#75
Fluoranthene
Concen: 28.270 ng
RT: 19.734 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:202 Resp: 167926

Ion	Ratio	Lower	Upper
202	100		
101	2.6	0.0	22.6
203	17.7	0.0	37.1

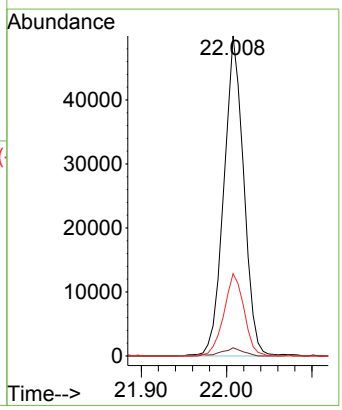


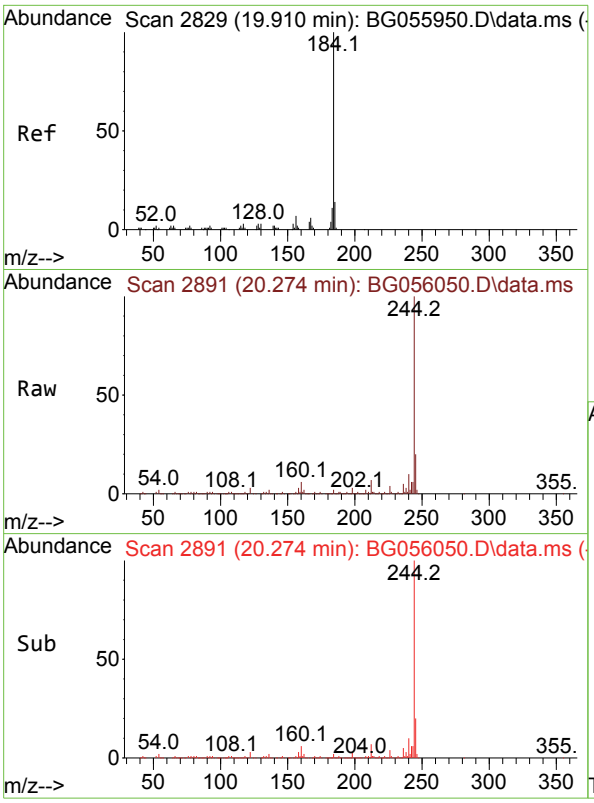


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.008 min Scan# 3186
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:240 Resp: 80879

Ion	Ratio	Lower	Upper
240	100		
120	2.6	1.7	2.5#
236	25.7	21.1	31.7

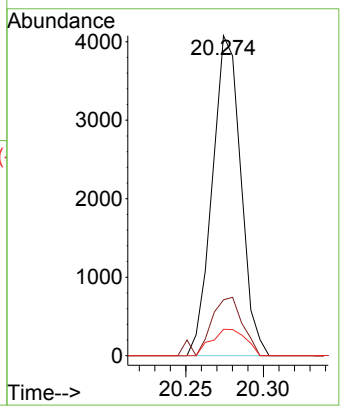


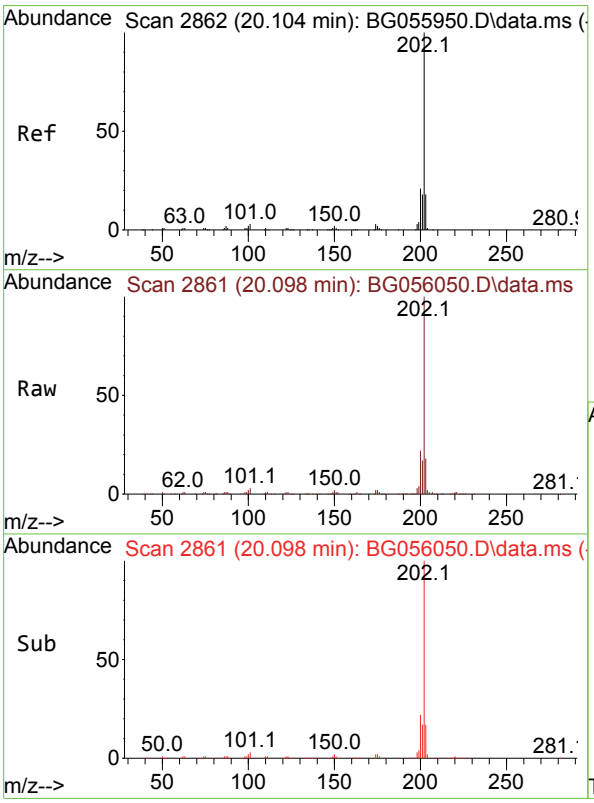


#77
Benzidine
Concen: 3.662 ng
RT: 20.274 min Scan# 2891
Delta R.T. 0.370 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:184 Resp: 5201

Ion	Ratio	Lower	Upper
184	100		
185	17.4	10.9	16.3#
183	8.3	9.2	13.8#

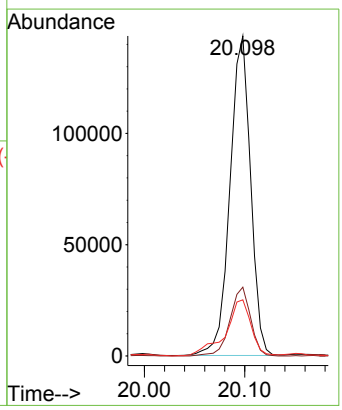


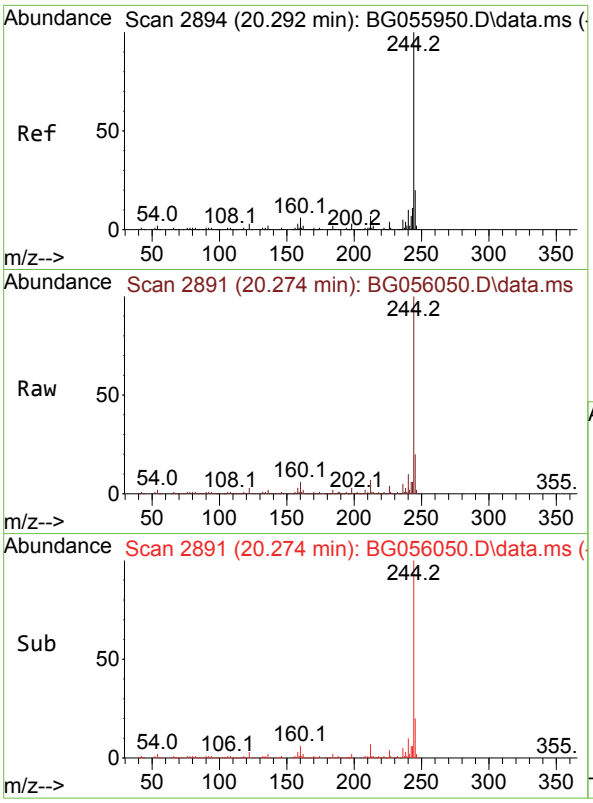


#78
Pyrene
Concen: 41.865 ng
RT: 20.098 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:202 Resp: 204888

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.6	14.6	21.8

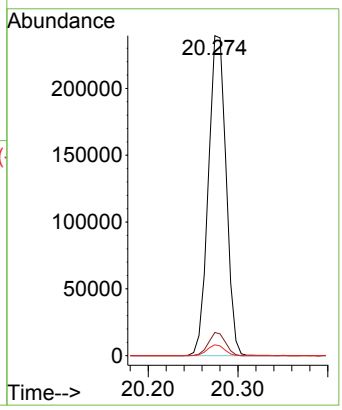


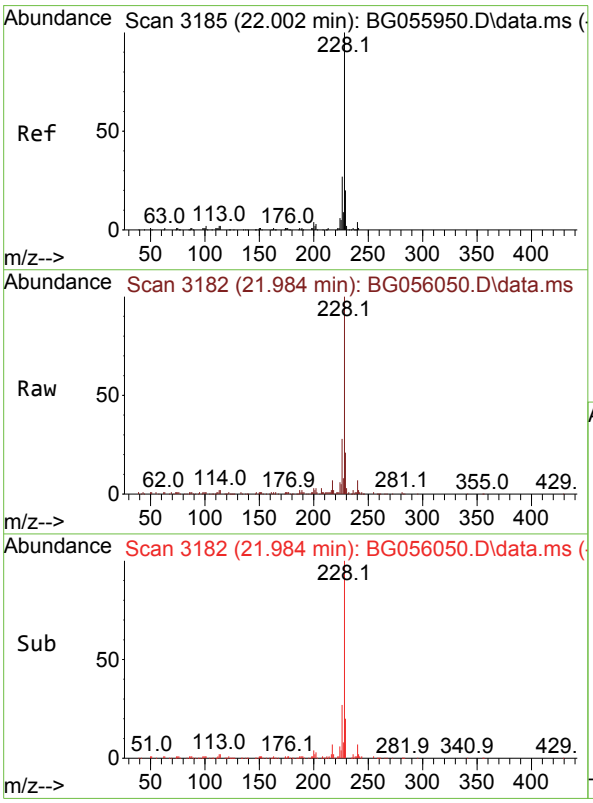


#79
Terphenyl-d14
Concen: 71.651 ng
RT: 20.274 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:244 Resp: 327888

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	3.4	2.5	3.7

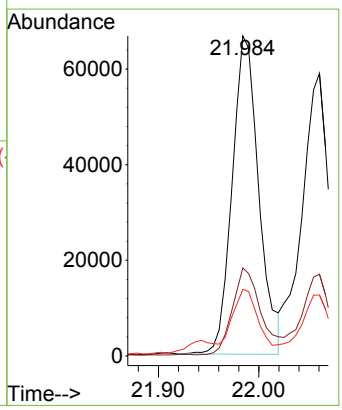


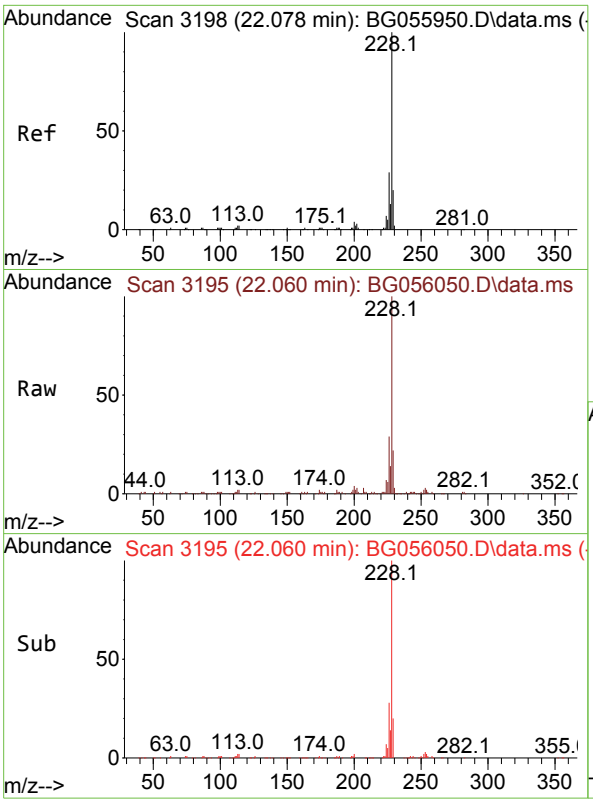


#81
Benzo(a)anthracene
Concen: 21.581 ng
RT: 21.984 min Scan# 3182
Delta R.T. -0.012 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:228 Resp: 122826

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.8	15.9	23.9

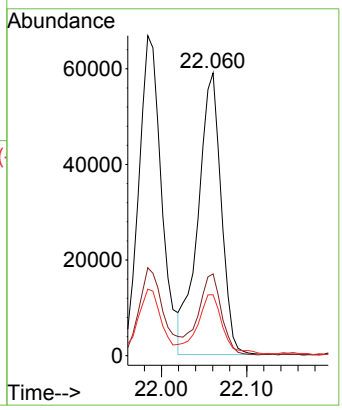


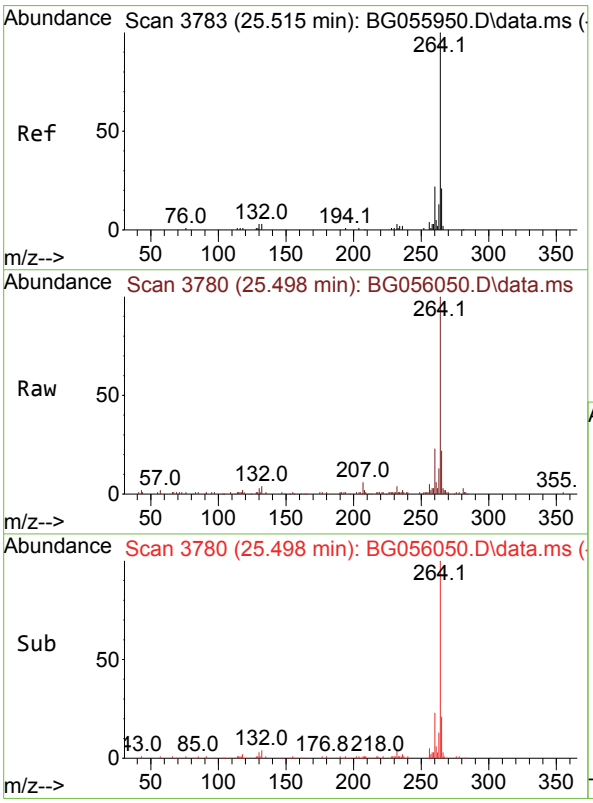


#83
Chrysene
Concen: 20.804 ng
RT: 22.060 min Scan# 3195
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:228 Resp: 110968

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	21.6	15.7	23.5

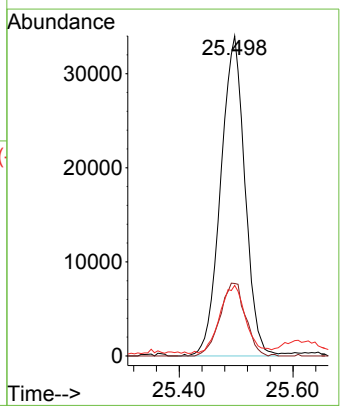


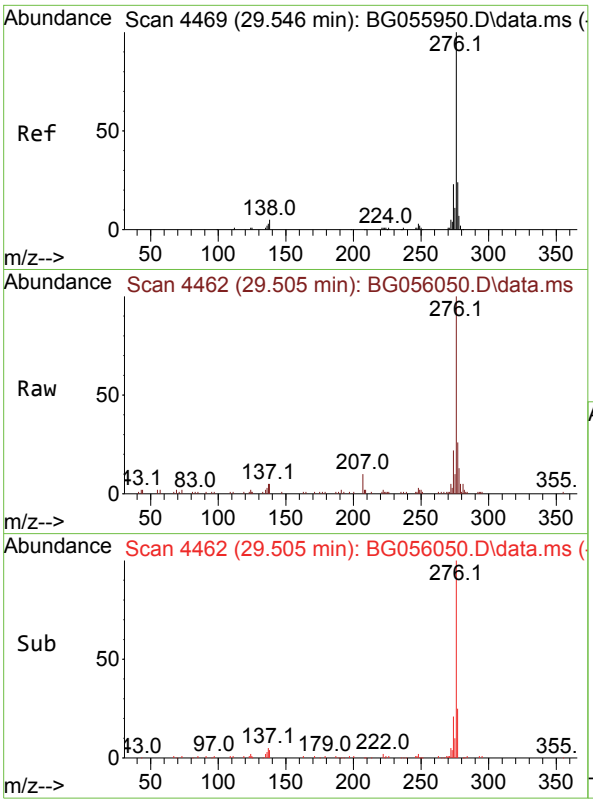


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.498 min Scan# 3780
Delta R.T. -0.000 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:264 Resp: 100322

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.8	26.8
265	22.0	16.6	25.0

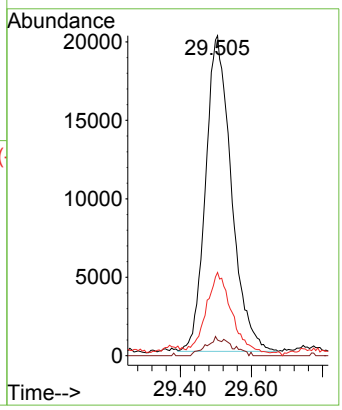


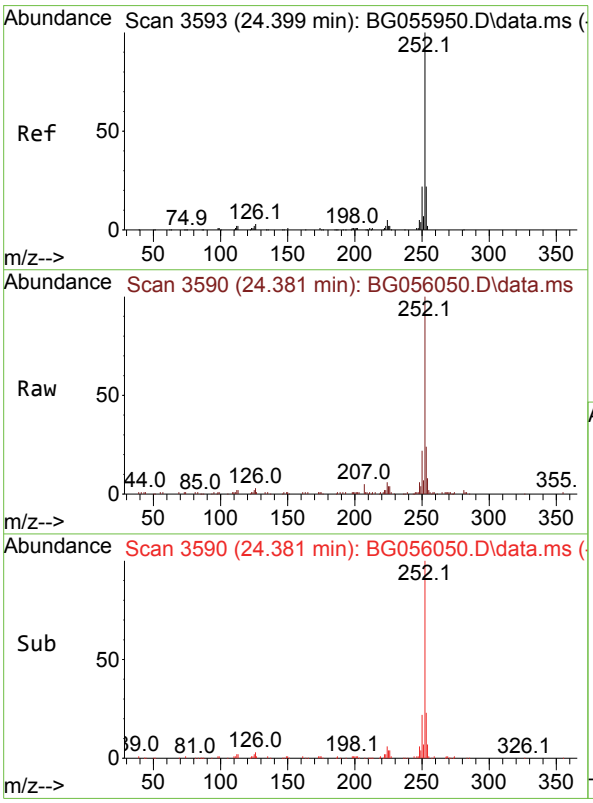


#87
Indeno(1,2,3-cd)pyrene
Concen: 12.565 ng
RT: 29.505 min Scan# 4462
Delta R.T. -0.018 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:276 Resp: 101365

Ion	Ratio	Lower	Upper
276	100		
138	3.4	3.0	4.4
277	24.9	20.4	30.6

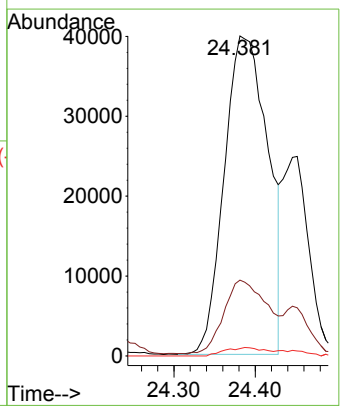


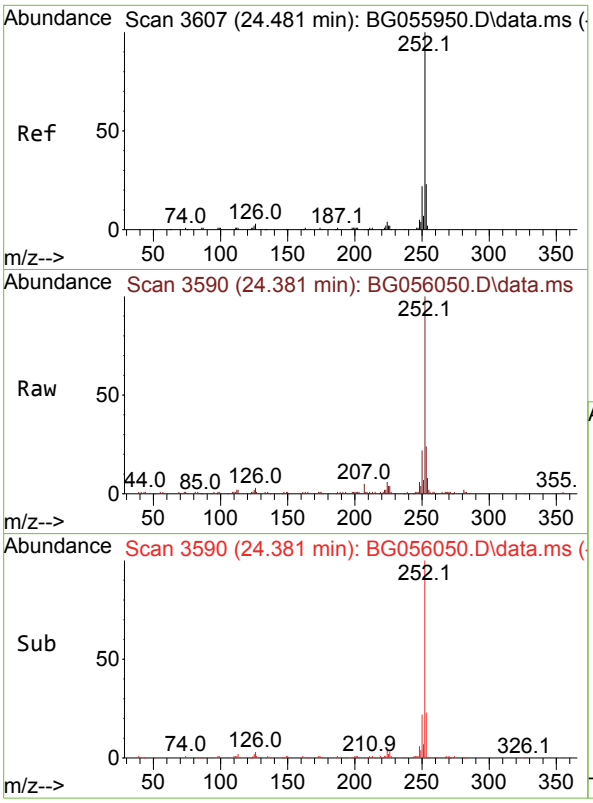


#88
Benzo(b)fluoranthene
Concen: 22.903 ng
RT: 24.381 min Scan# 3590
Delta R.T. -0.006 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:252 Resp: 148700

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	2.3	1.8	2.8

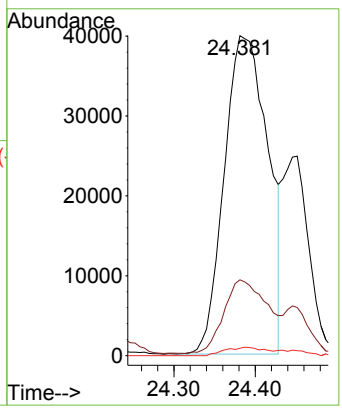


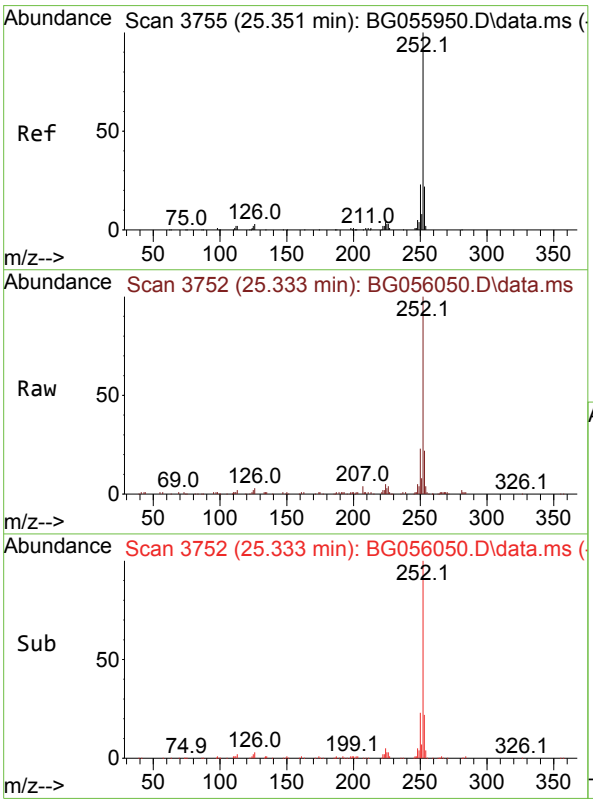


#89
Benzo(k)fluoranthene
Concen: 22.955 ng
RT: 24.381 min Scan# 3590
Delta R.T. -0.082 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:252 Resp: 148700

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	2.3	2.0	3.0

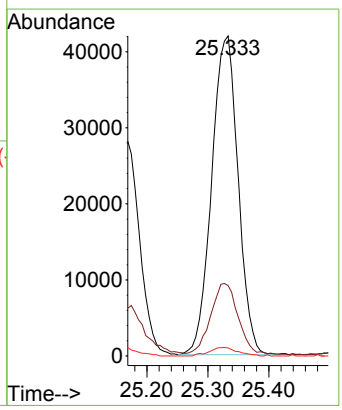


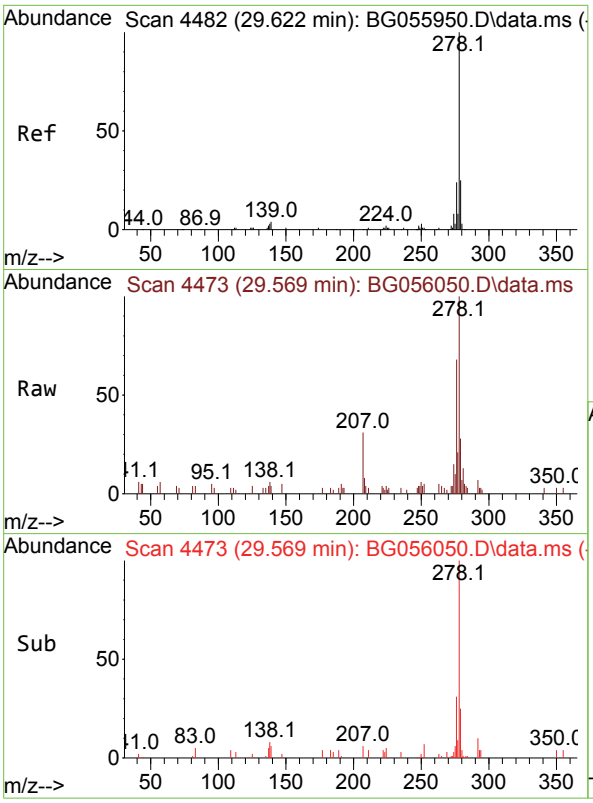


#90
Benzo(a)pyrene
Concen: 22.972 ng
RT: 25.333 min Scan# 3752
Delta R.T. -0.000 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:252 Resp: 126074

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	2.5	1.9	2.9

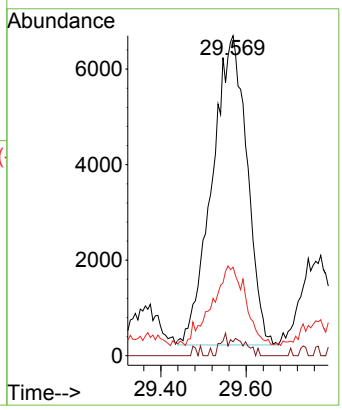


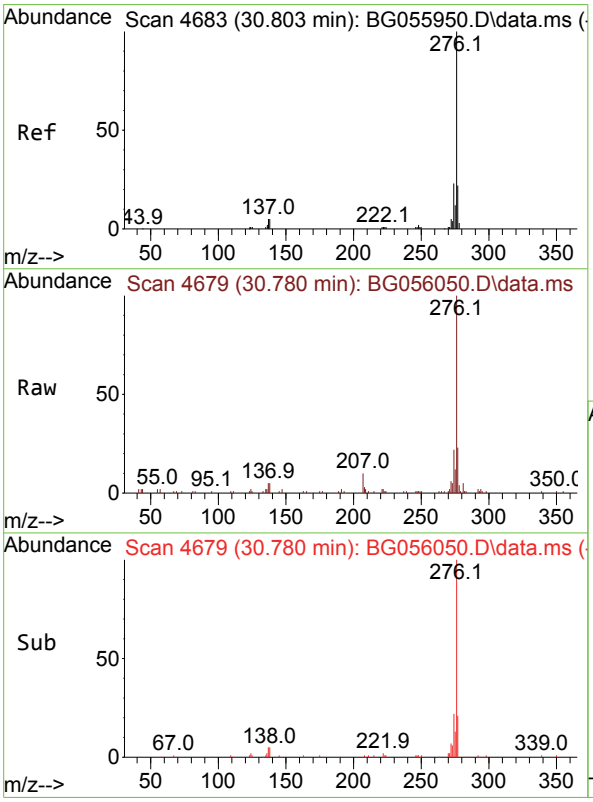


#91
Dibenzo(a,h)anthracene
Concen: 5.453 ng
RT: 29.569 min Scan# 4473
Delta R.T. -0.024 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:278 Resp: 36819

Ion	Ratio	Lower	Upper
278	100		
139	4.3	2.9	4.3#
279	27.6	20.0	30.0





#92
Benzo(g,h,i)perylene
Concen: 15.160 ng
RT: 30.780 min Scan# 4679
Delta R.T. -0.012 min
Lab File: BG056050.D
Acq: 21 Dec 2022 16:01

Tgt Ion:276 Resp: 98974

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.6
138	4.9	3.8	5.6