Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 22 01:26:59 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

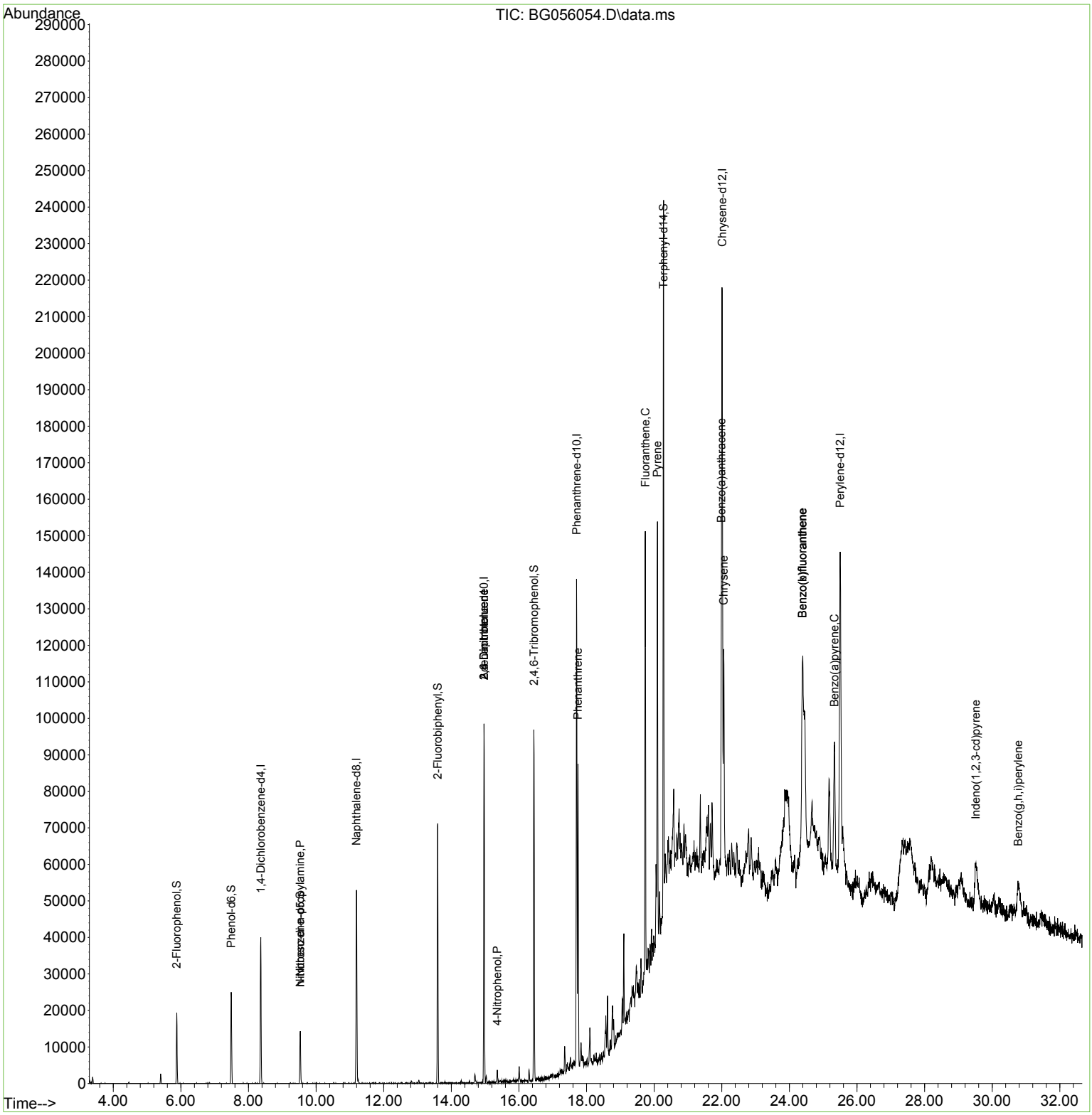
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	12220	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	46773	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	38907	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	95564	20.000	ng	0.00
76) Chrysene-d12	22.013	240	99374	20.000	ng	0.00
86) Perylene-d12	25.503	264	123301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	7907	15.175	ng	0.00
7) Phenol-d6	7.489	99	12428	18.545	ng	0.00
23) Nitrobenzene-d5	9.534	82	8410	12.565	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	25187	26.847	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	41119	14.822	ng	0.00
79) Terphenyl-d14	20.280	244	105308	18.729	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.534	70	1253	2.608	ng	# 61
51) 2,6-Dinitrotoluene	14.968	165	5244	10.074	ng	# 25
56) 4-Nitrophenol	15.362	139	1018	2.399	ng	# 1
57) 2,4-Dinitrotoluene	14.968	165	5244	6.674	ng	# 35
71) Phenanthrene	17.747	178	55328	11.048	ng	99
75) Fluoranthene	19.739	202	87648	12.498	ng	99
78) Pyrene	20.098	202	78120	12.991	ng	99
81) Benzo(a)anthracene	21.990	228	42093	6.020	ng	100
83) Chrysene	22.060	228	49982	7.627	ng	96
87) Indeno(1,2,3-cd)pyrene	29.516	276	28154	2.840	ng	# 98
88) Benzo(b)fluoranthene	24.387	252	69139	8.664	ng	# 95
89) Benzo(k)fluoranthene	24.387	252	69139	8.684	ng	# 97
90) Benzo(a)pyrene	25.333	252	49121	7.282	ng	# 95
92) Benzo(g,h,i)perylene	30.773	276	24406	3.042	ng	# 97

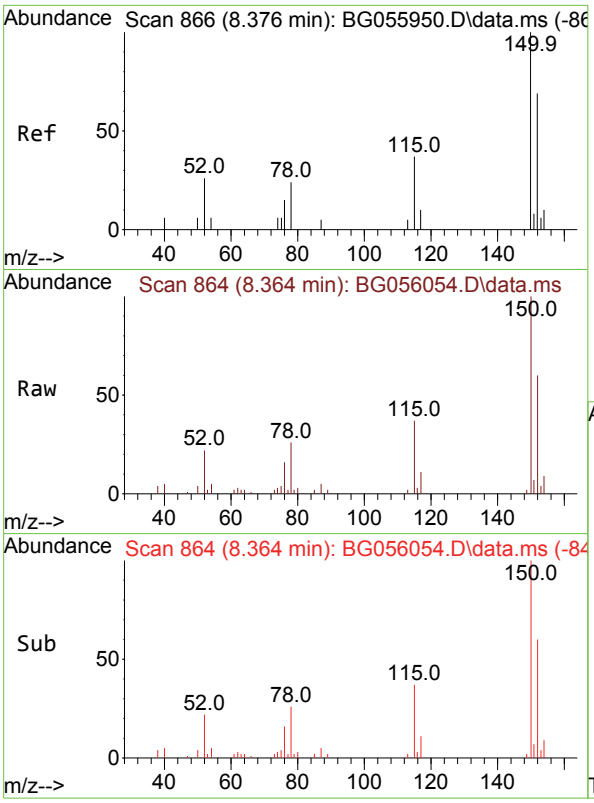
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056054.D
Acq On : 21 Dec 2022 18:46
Operator : CG/JU
Sample : N6038-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 22 01:26:59 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

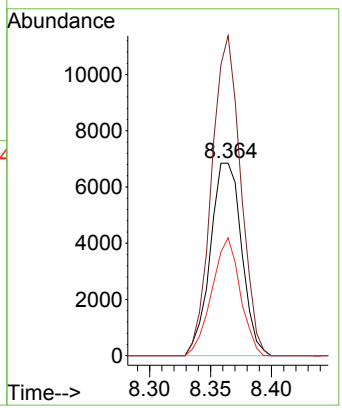


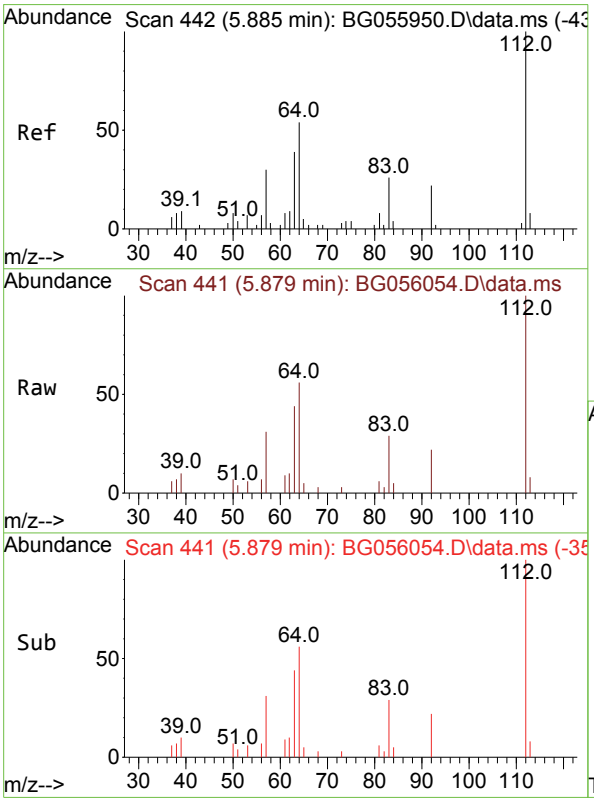


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 864
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:152 Resp: 12220

Ion	Ratio	Lower	Upper
152	100		
150	166.2	115.7	173.5
115	61.2	43.0	64.4

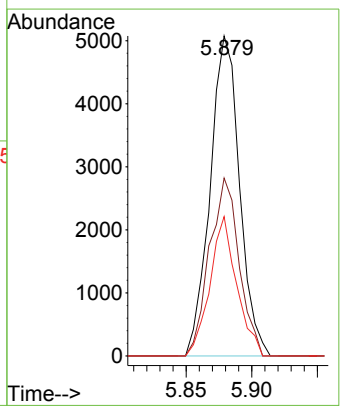


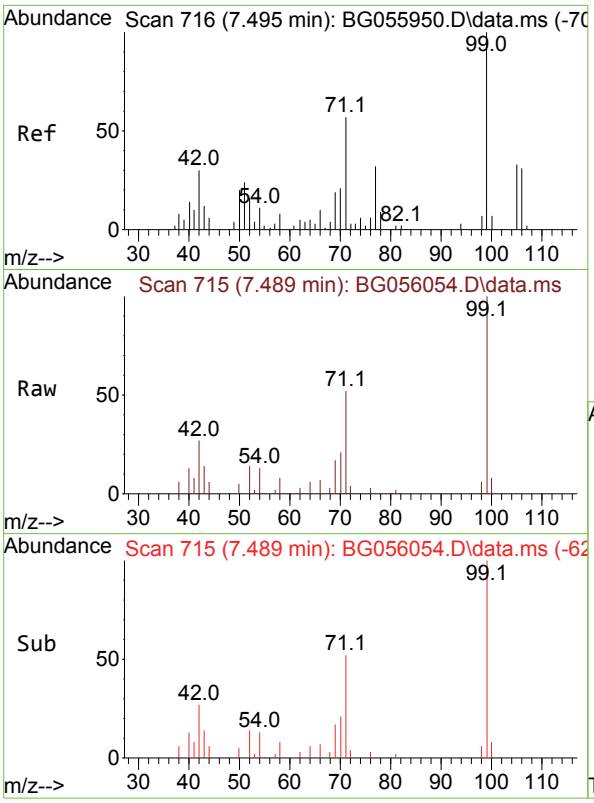


#5
2-Fluorophenol
Concen: 15.175 ng
RT: 5.879 min Scan# 441
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:112 Resp: 7907

Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.0	64.4
63	43.5	31.4	47.2

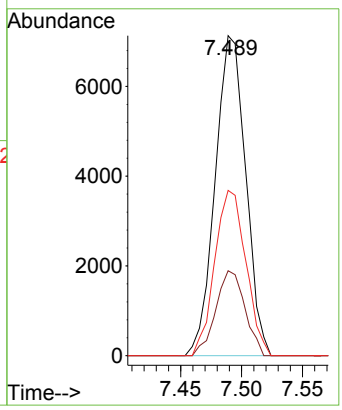


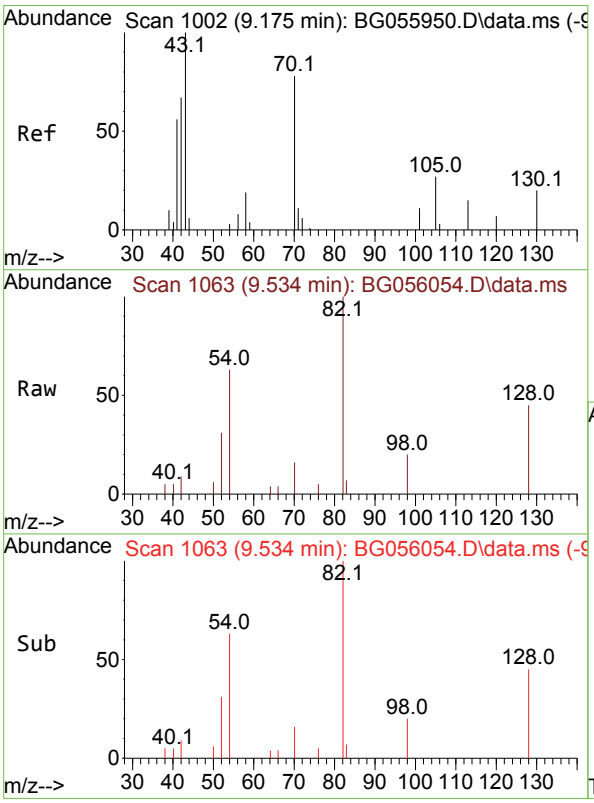


#7
Phenol-d6
Concen: 18.545 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion: 99 Resp: 12428

Ion	Ratio	Lower	Upper
99	100		
42	26.5	24.3	36.5
71	51.7	45.6	68.4

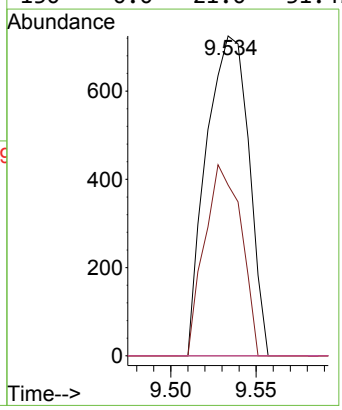


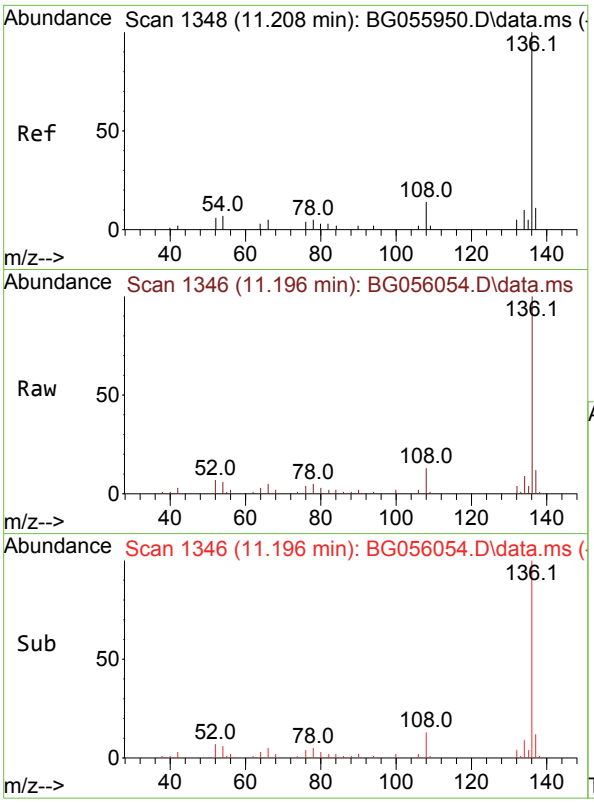


#19
n-Nitroso-di-n-propylamine
Concen: 2.608 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.364 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion: 70 Resp: 1253

Ion	Ratio	Lower	Upper
70	100		
42	53.4	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

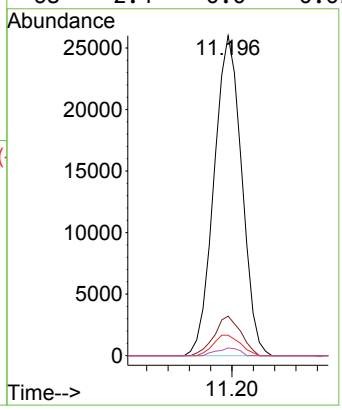


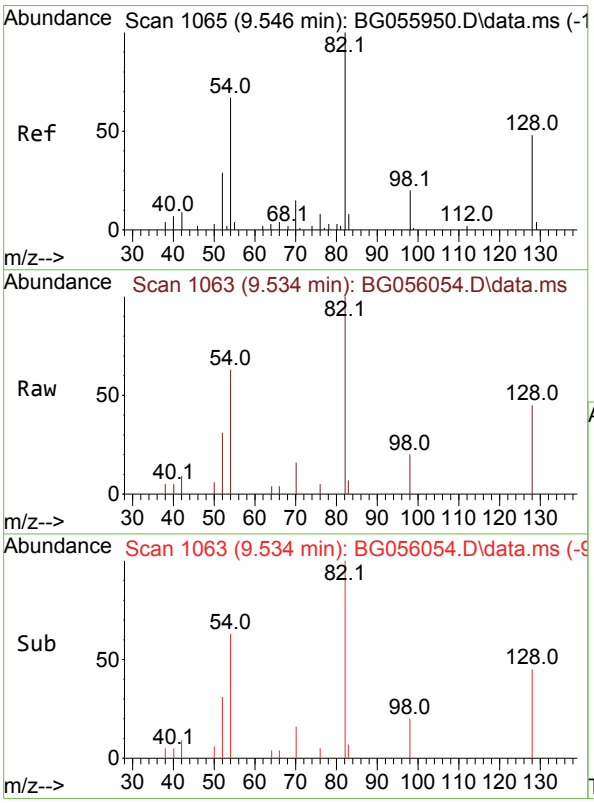


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:136 Resp: 46773

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	6.4	5.6	8.4
68	2.4	0.0	0.0#

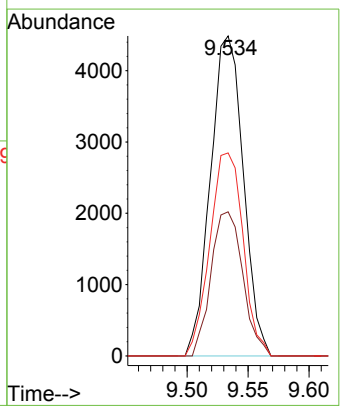


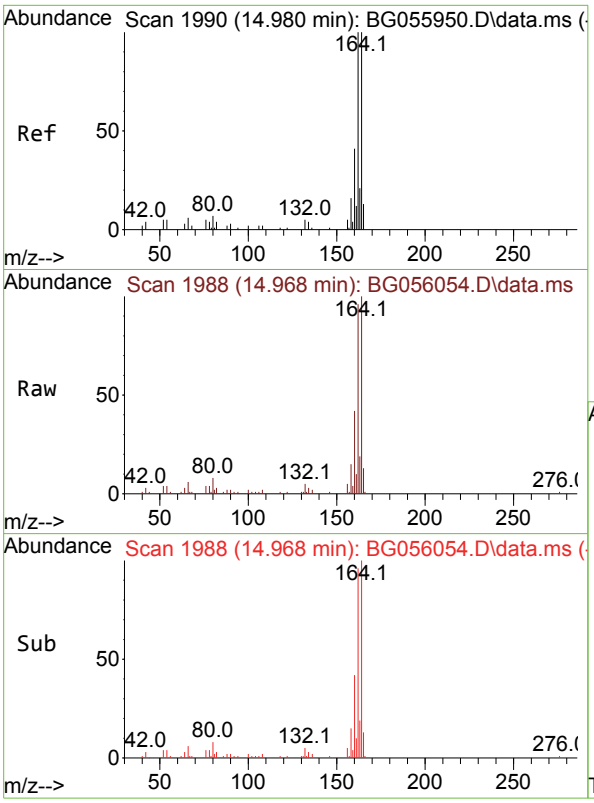


#23
Nitrobenzene-d5
Concen: 12.565 ng
RT: 9.534 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion: 82 Resp: 8410

Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.4	57.6
54	63.4	53.3	79.9

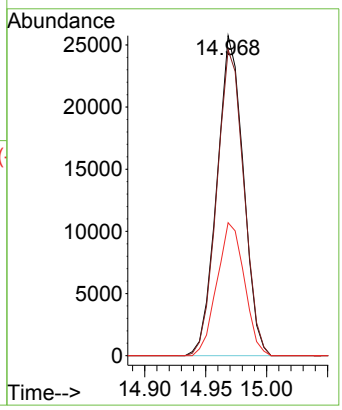


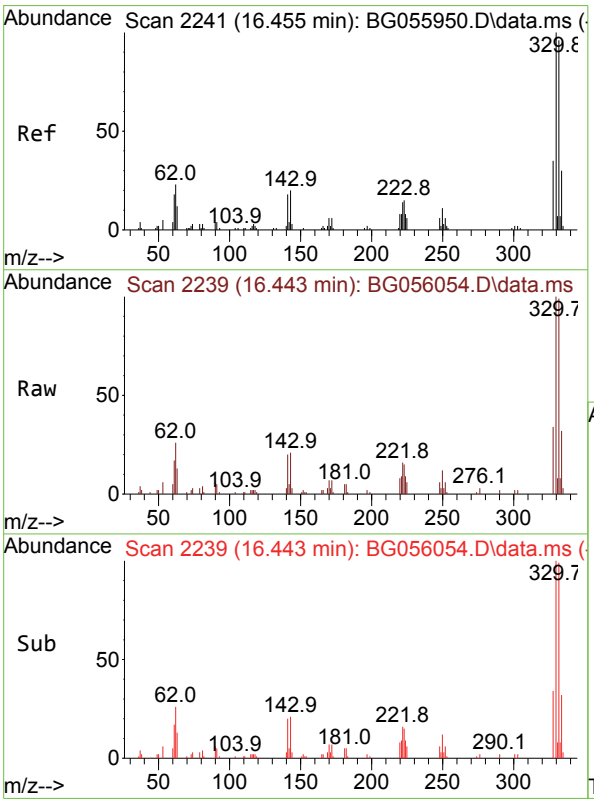


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:164 Resp: 38907

Ion	Ratio	Lower	Upper
164	100		
162	95.6	79.8	119.8
160	41.6	33.0	49.4

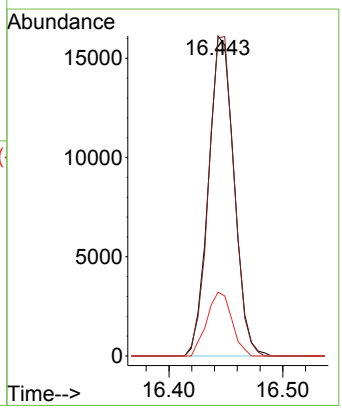


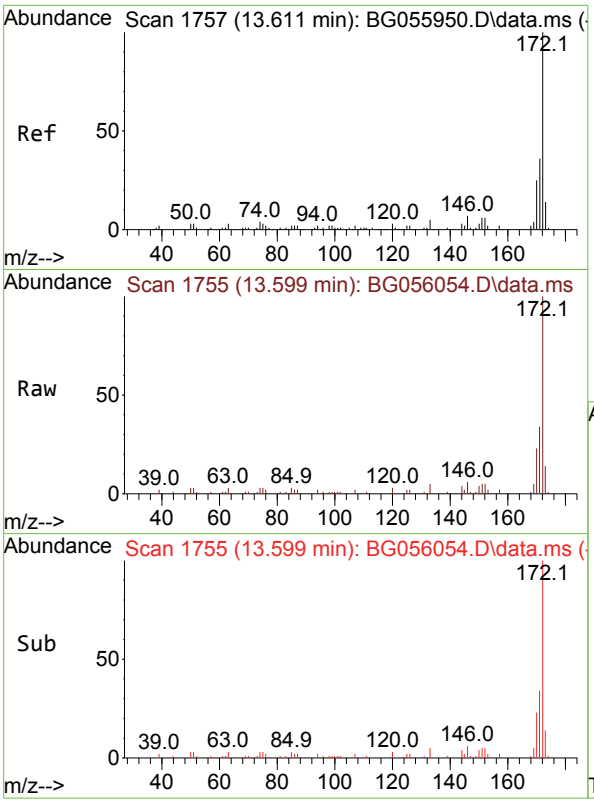


#42
2,4,6-Tribromophenol
Concen: 26.847 ng
RT: 16.443 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:330 Resp: 25187

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	114.8
141	19.5	15.0	22.4

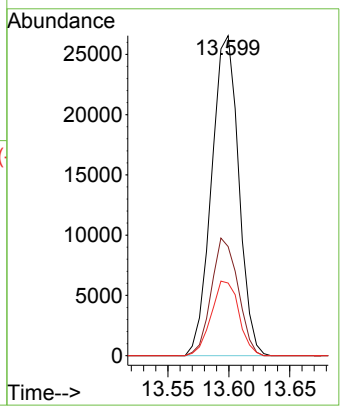


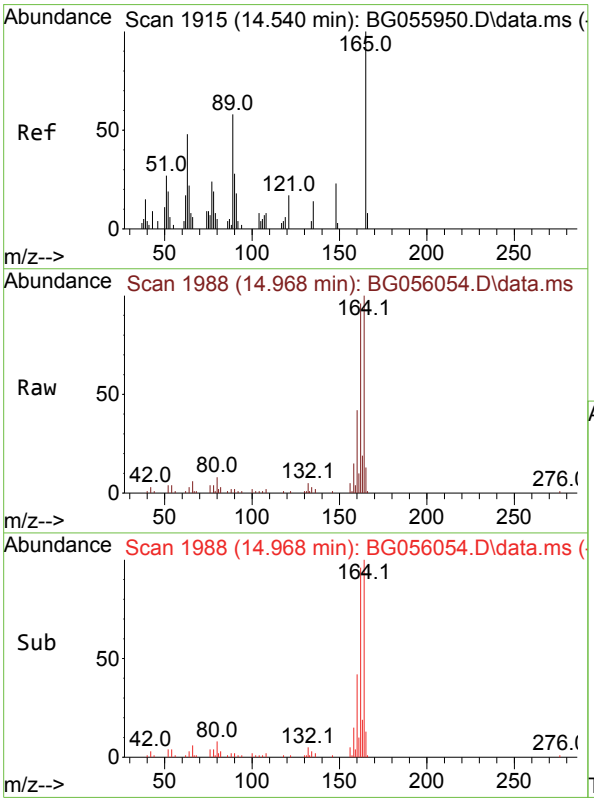


#45
2-Fluorobiphenyl
Concen: 14.822 ng
RT: 13.599 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:172 Resp: 41119

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	22.7	19.9	29.9

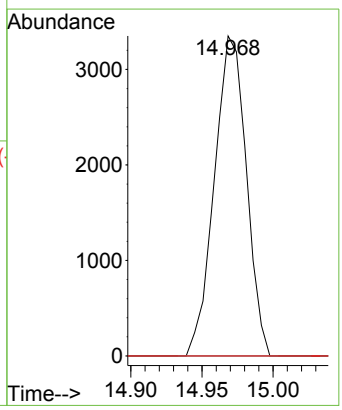


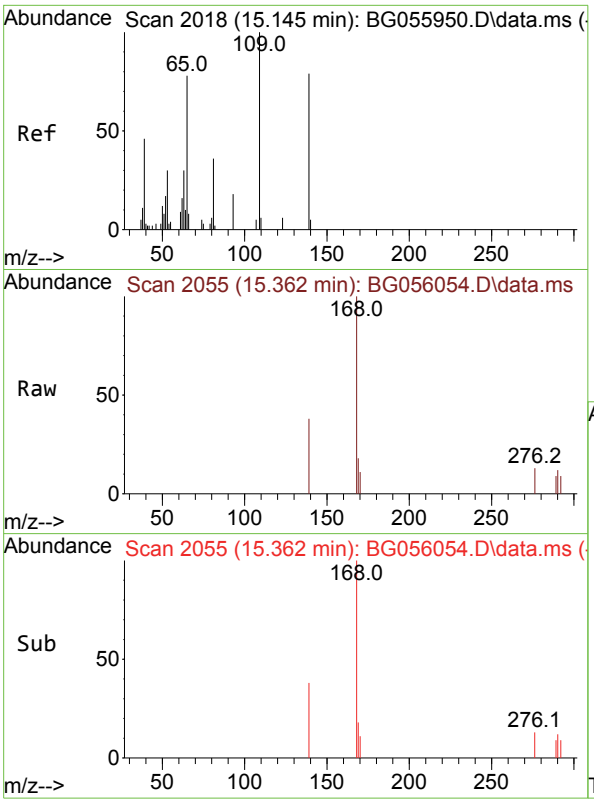


#51
2,6-Dinitrotoluene
Concen: 10.074 ng
RT: 14.968 min Scan# 1988
Delta R.T. 0.434 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:165 Resp: 5244

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

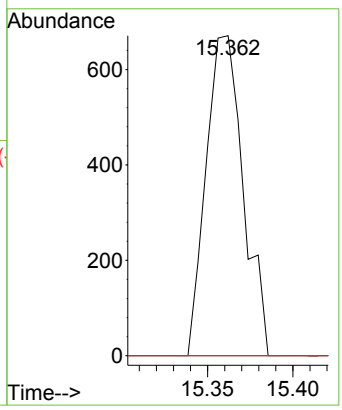


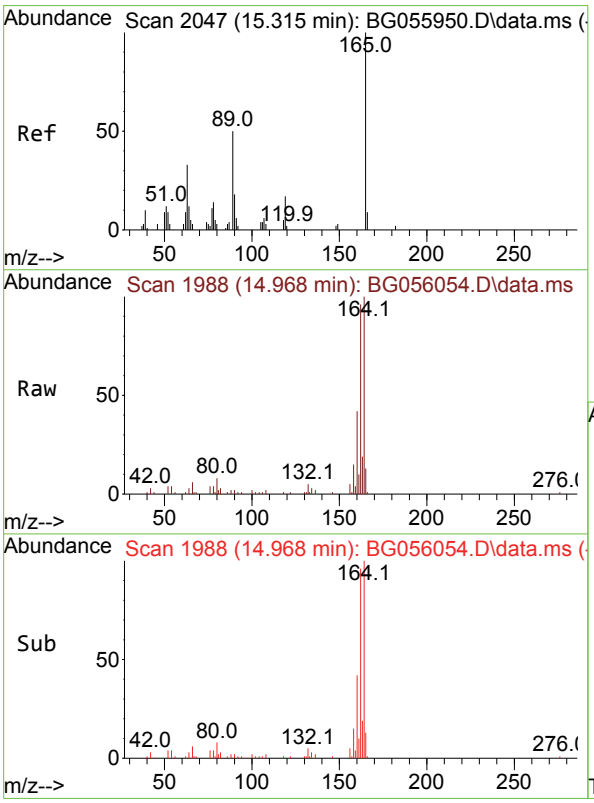


#56
4-Nitrophenol
Concen: 2.399 ng
RT: 15.362 min Scan# 2055
Delta R.T. 0.217 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

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#

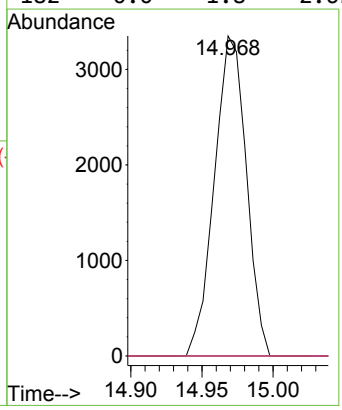


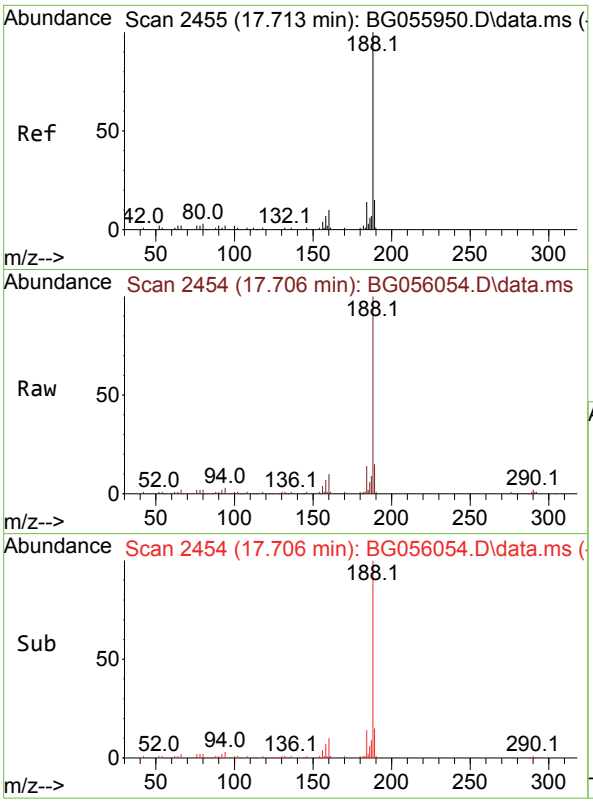


#57
2,4-Dinitrotoluene
Concen: 6.674 ng
RT: 14.968 min Scan# 1988
Delta R.T. -0.347 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:165 Resp: 5244

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#

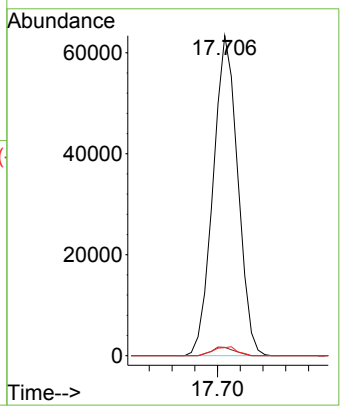


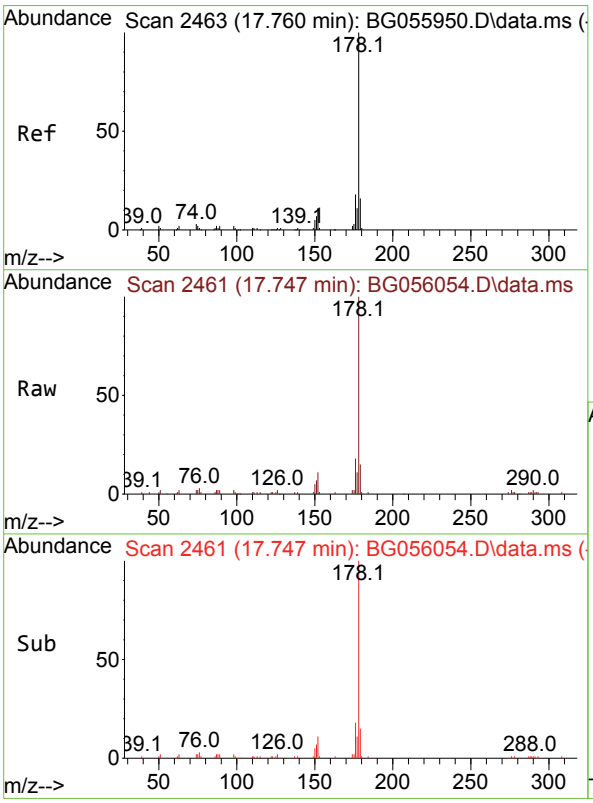


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:188 Resp: 95564

Ion	Ratio	Lower	Upper
188	100		
94	2.6	1.8	2.8
80	2.5	2.4	3.6

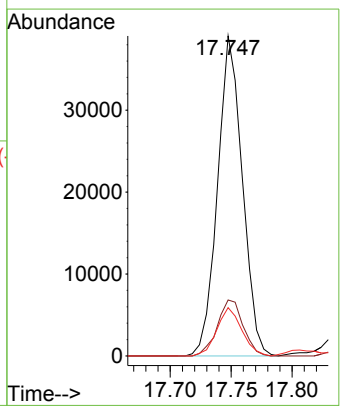


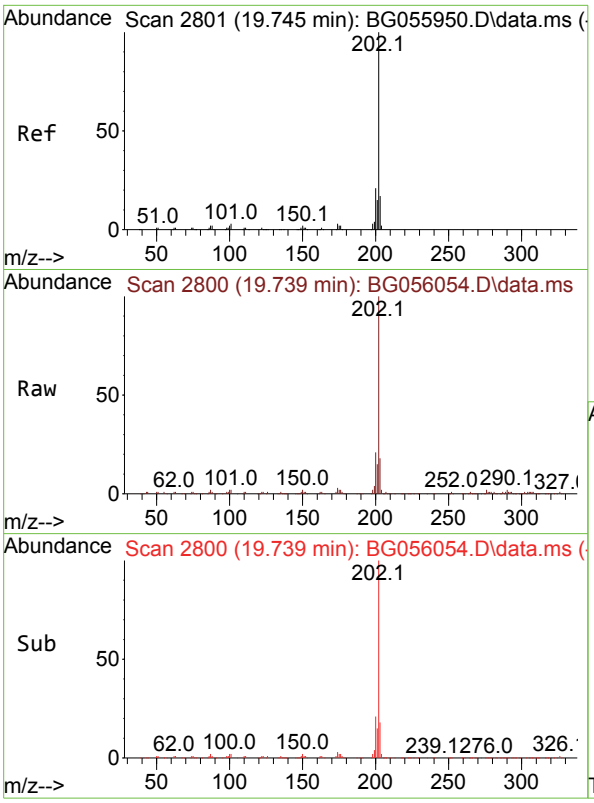


#71
Phenanthrene
Concen: 11.048 ng
RT: 17.747 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:178 Resp: 55328

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.4	21.6
179	15.1	12.7	19.1

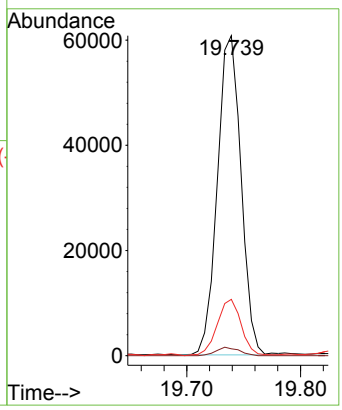


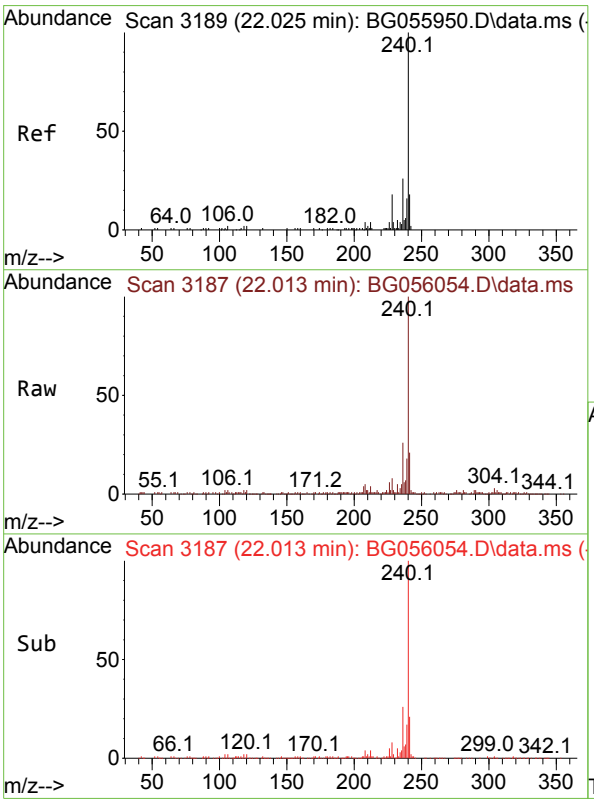


#75
Fluoranthene
Concen: 12.498 ng
RT: 19.739 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:202 Resp: 87648

Ion	Ratio	Lower	Upper
202	100		
101	2.2	0.0	22.6
203	17.6	0.0	37.1

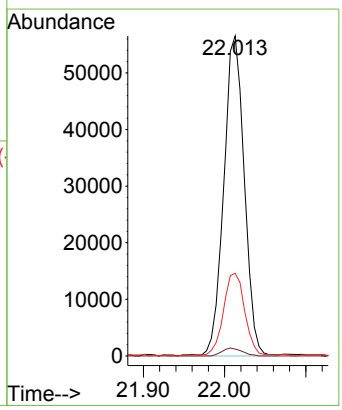


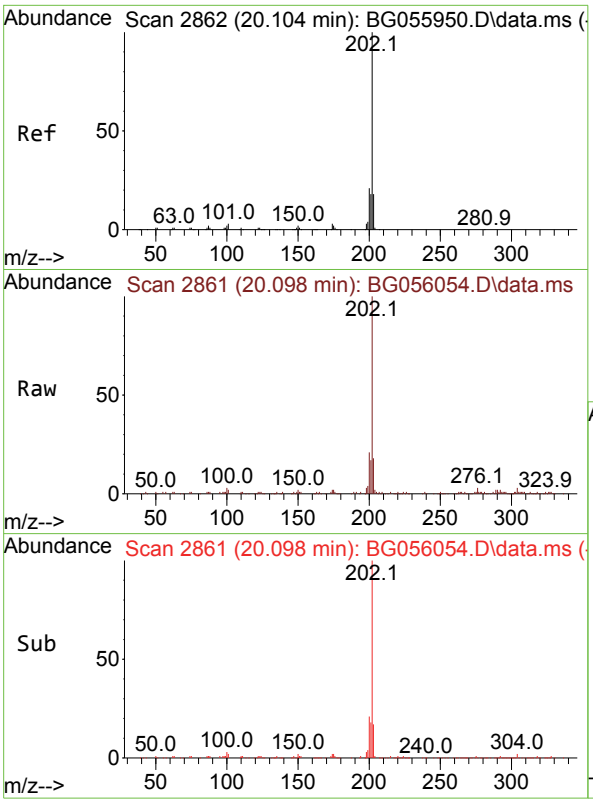


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:240 Resp: 99374

Ion	Ratio	Lower	Upper
240	100		
120	2.2	1.7	2.5
236	25.8	21.1	31.7

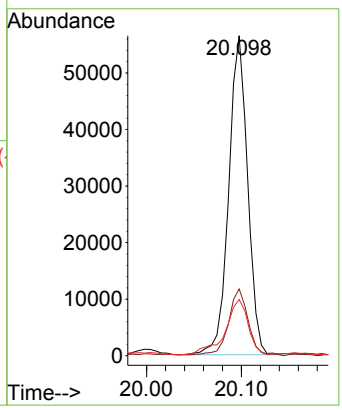


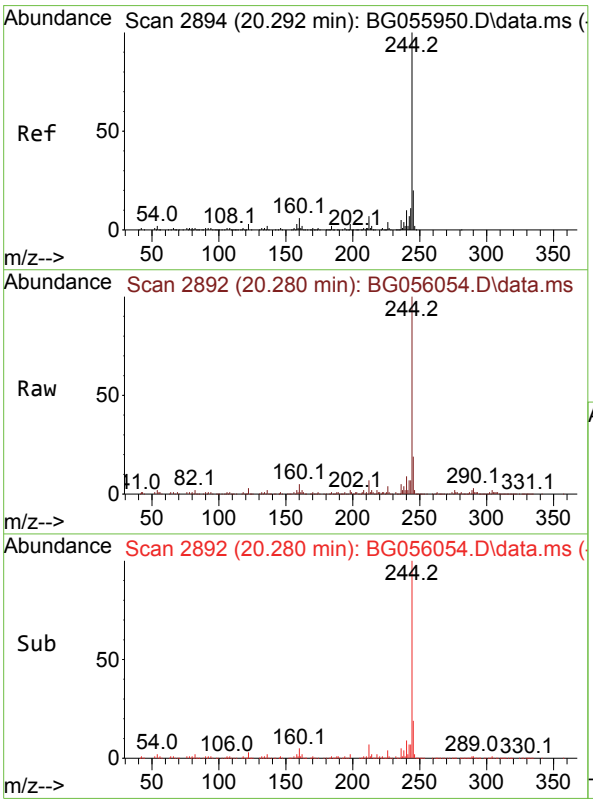


#78
Pyrene
Concen: 12.991 ng
RT: 20.098 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:202 Resp: 78120

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.6	21.8

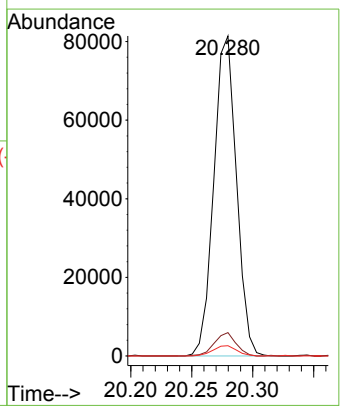


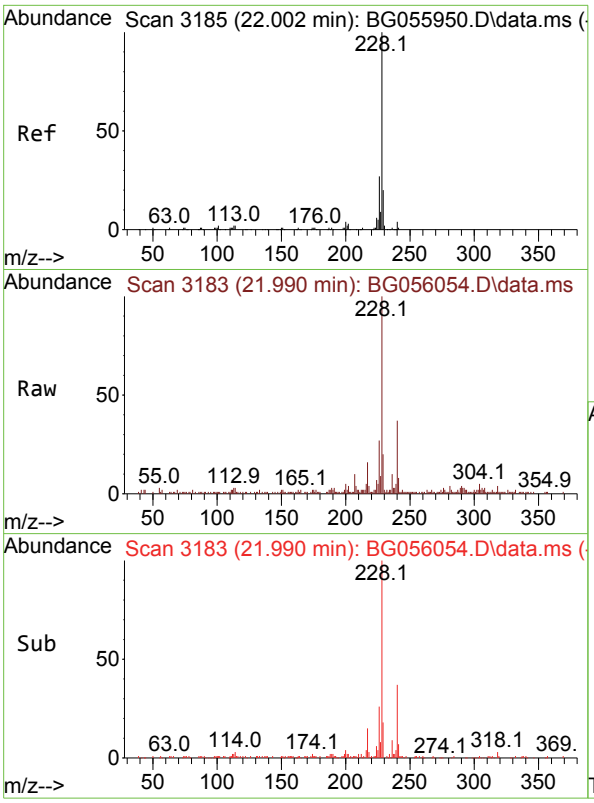


#79
Terphenyl-d14
Concen: 18.729 ng
RT: 20.280 min Scan# 2892
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:244 Resp: 105308

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	3.2	2.5	3.7

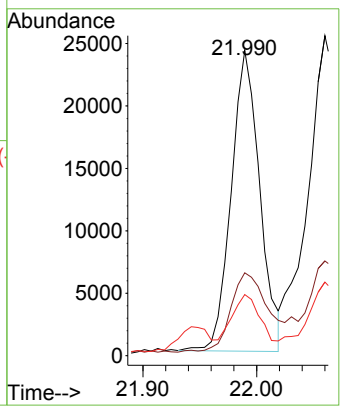


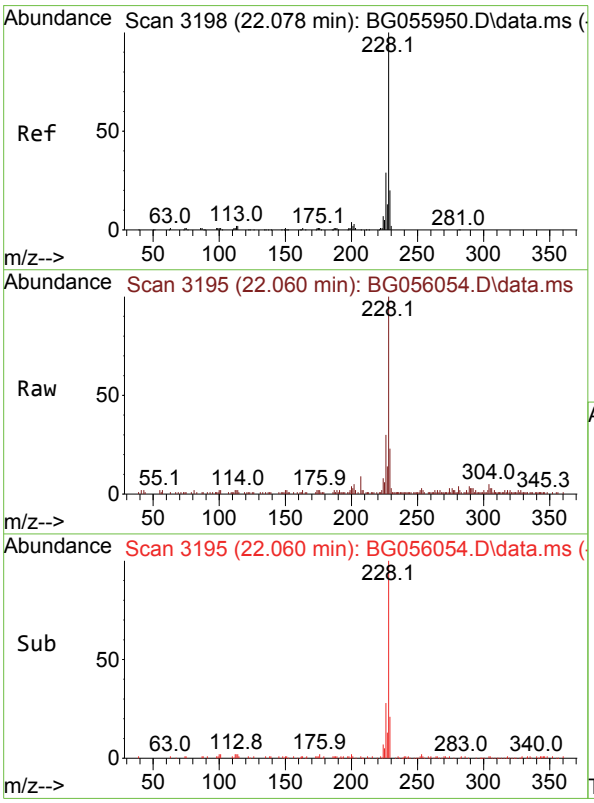


#81
Benzo(a)anthracene
Concen: 6.020 ng
RT: 21.990 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:228 Resp: 42093

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	20.0	15.9	23.9

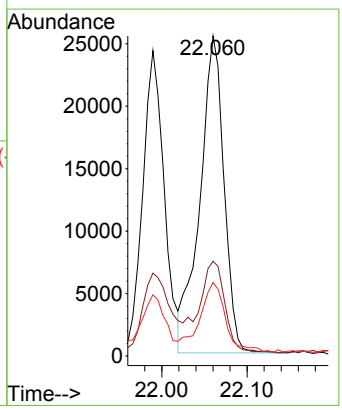


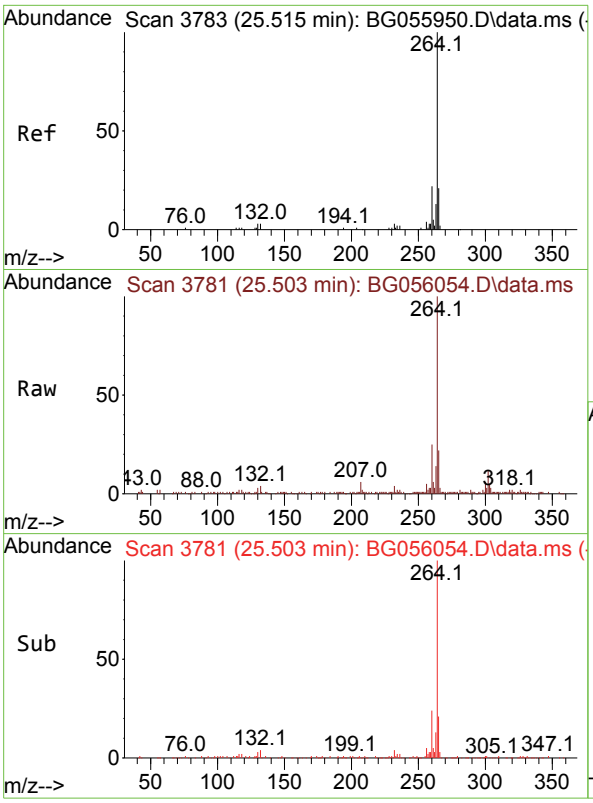


#83
Chrysene
Concen: 7.627 ng
RT: 22.060 min Scan# 3195
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:228 Resp: 49982

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	23.0	15.7	23.5

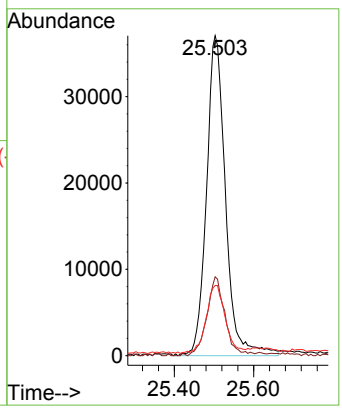


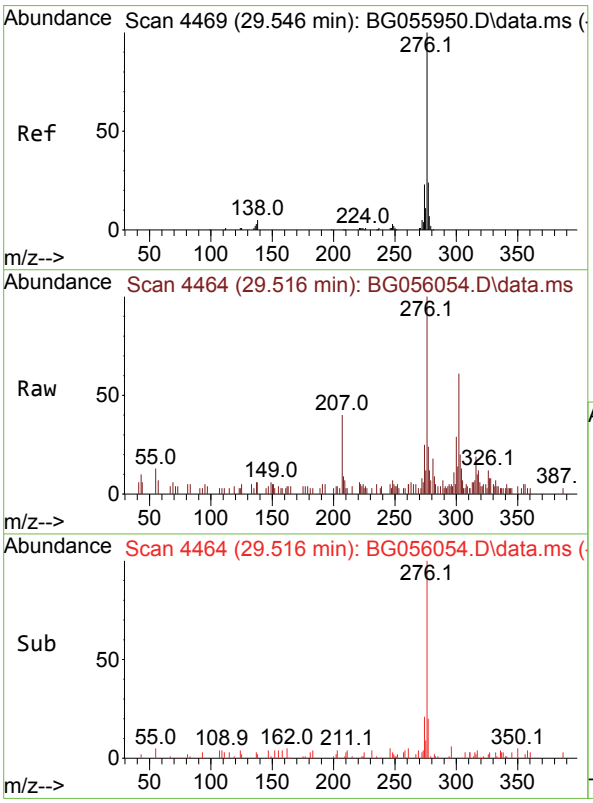


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.503 min Scan# 3781
Delta R.T. 0.005 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:264 Resp: 123301

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.8	26.8
265	22.0	16.6	25.0

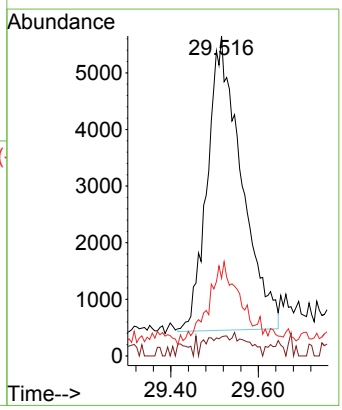


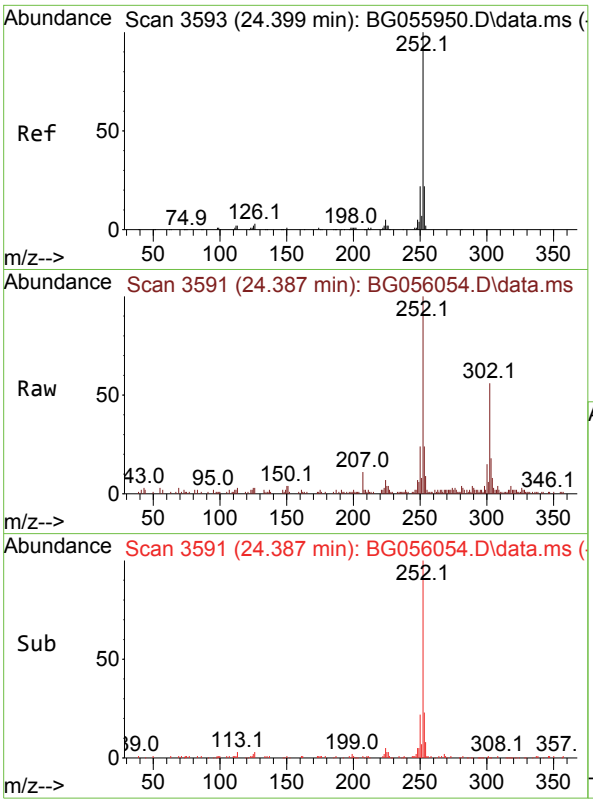


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.840 ng
RT: 29.516 min Scan# 4464
Delta R.T. -0.006 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:276 Resp: 28154

Ion	Ratio	Lower	Upper
276	100		
138	0.0	3.0	4.4#
277	25.0	20.4	30.6

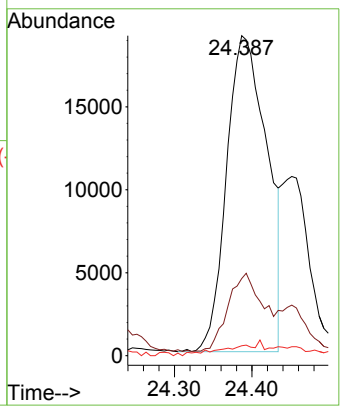


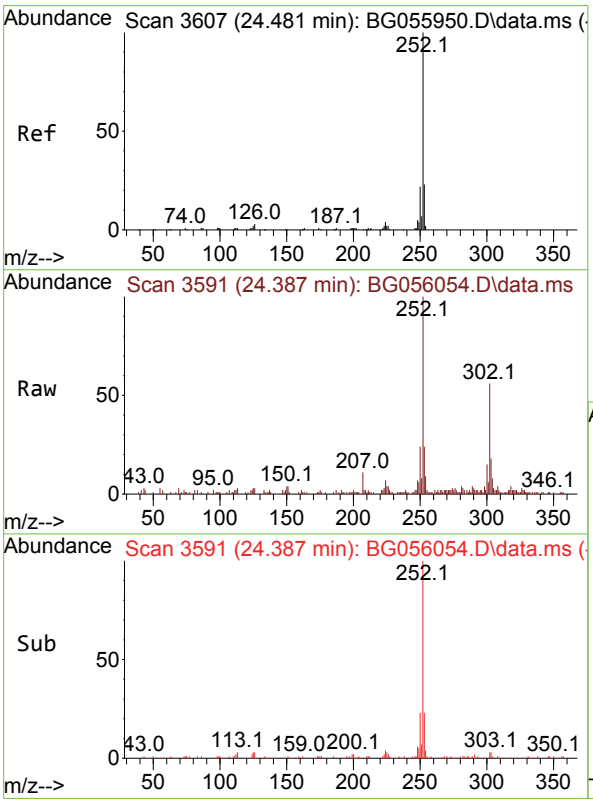


#88
Benzo(b)fluoranthene
Concen: 8.664 ng
RT: 24.387 min Scan# 3591
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:252 Resp: 69139

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	3.1	1.8	2.8#

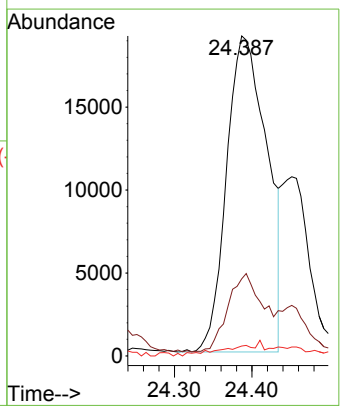


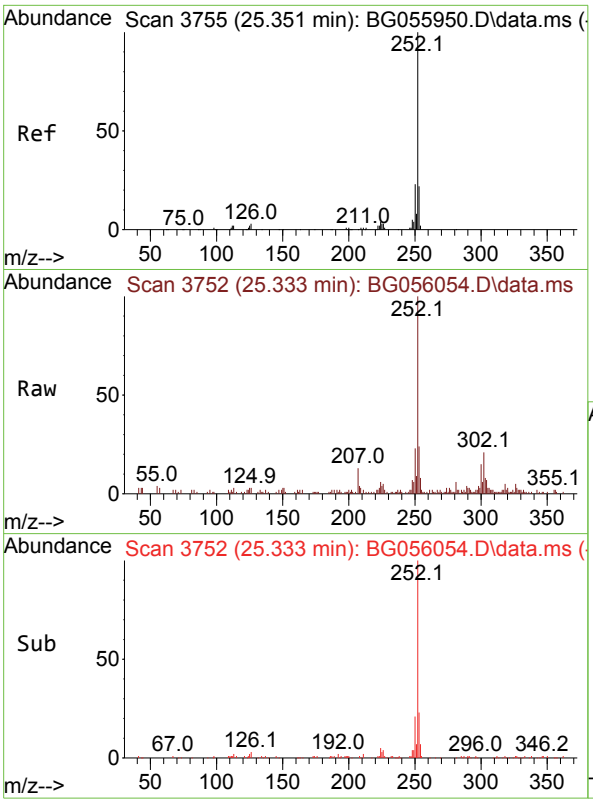


#89
Benzo(k)fluoranthene
Concen: 8.684 ng
RT: 24.387 min Scan# 3591
Delta R.T. -0.077 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:252 Resp: 69139

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	3.1	2.0	3.0#

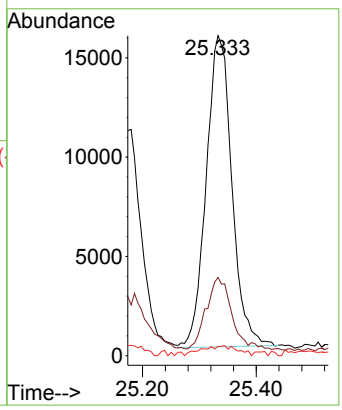


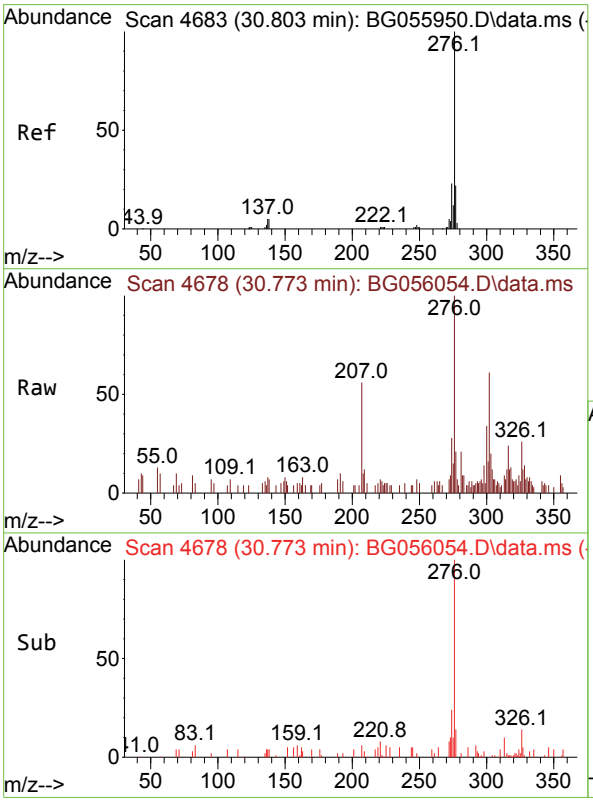


#90
Benzo(a)pyrene
Concen: 7.282 ng
RT: 25.333 min Scan# 3752
Delta R.T. -0.001 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:252 Resp: 49121

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.7	26.5
125	2.9	1.9	2.9#





#92
Benzo(g,h,i)perylene
Concen: 3.042 ng
RT: 30.773 min Scan# 4678
Delta R.T. -0.018 min
Lab File: BG056054.D
Acq: 21 Dec 2022 18:46

Tgt Ion:276 Resp: 24406

Ion	Ratio	Lower	Upper
276	100		
277	21.1	17.8	26.6
138	7.5	3.8	5.6#