Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056037.D
Acq On : 20 Dec 2022 19:51
Operator : CG/JU
Sample : N6129-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 02:40:37 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

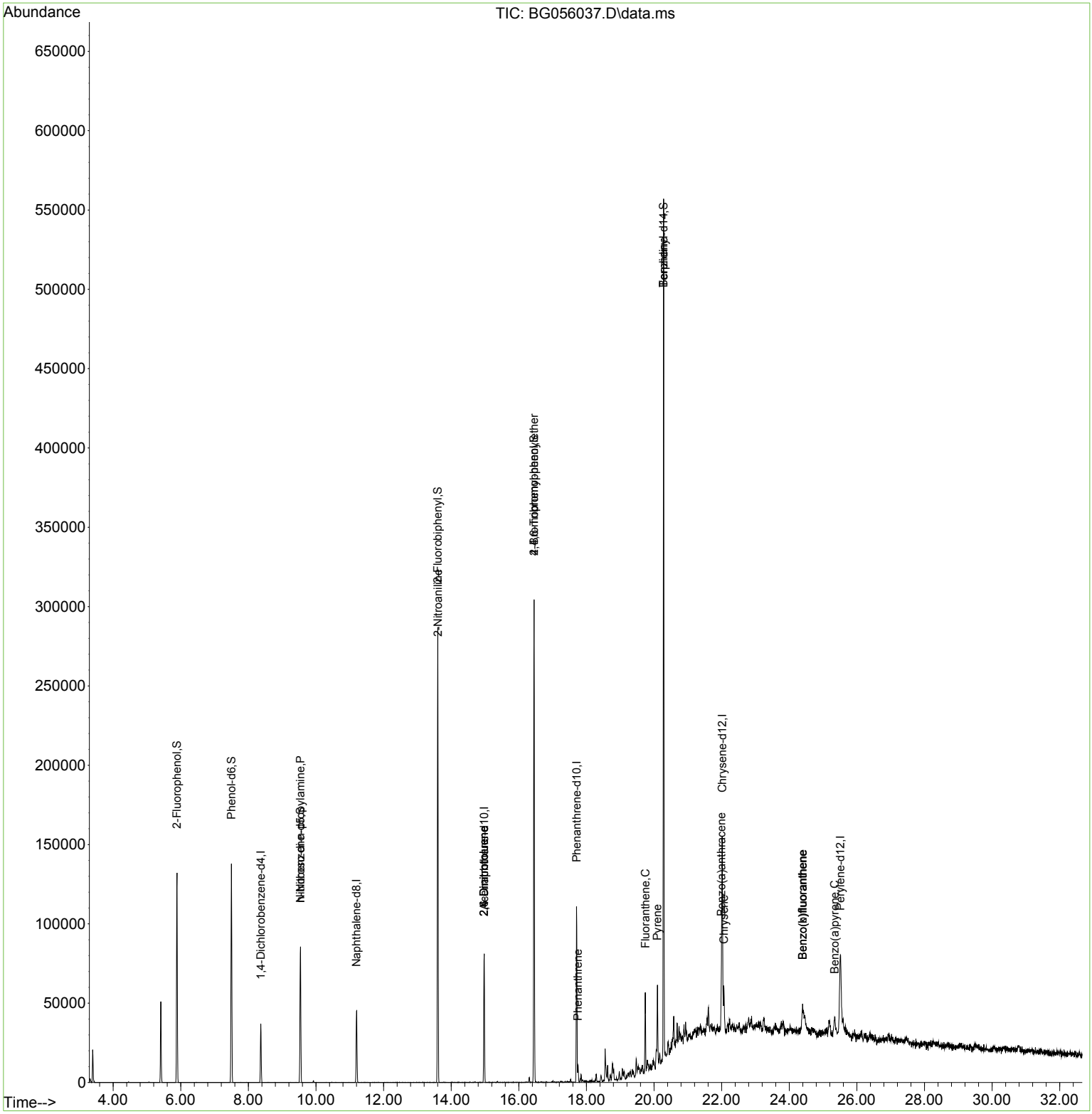
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	10807	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	40985	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	31625	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	78144	20.000	ng	0.00
76) Chrysene-d12	22.015	240	78671	20.000	ng	0.00
86) Perylene-d12	25.511	264	84324	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.887	112	52968	114.943	ng	0.00
7) Phenol-d6	7.497	99	65804	111.029	ng	0.00
23) Nitrobenzene-d5	9.542	82	45976	78.392	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	80414	105.451	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	156980	69.616	ng	0.00
79) Terphenyl-d14	20.282	244	288419	64.795	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.542	70	7286	17.151	ng	# 66
48) 2-Nitroaniline	13.608	65	130	3.171	ng	# 1
51) 2,6-Dinitrotoluene	14.971	165	4127	9.754	ng	# 25
57) 2,4-Dinitrotoluene	14.971	165	4127	6.462	ng	# 35
67) 4-Bromophenyl-phenylether	16.451	248	4546	3.970	ng	# 1
71) Phenanthrene	17.750	178	9488	2.317	ng	95
75) Fluoranthene	19.742	202	34805	6.069	ng	98
77) Benzidine	20.282	184	4675	3.384	ng	# 93
78) Pyrene	20.100	202	35664	7.492	ng	99
81) Benzo(a)anthracene	21.992	228	27406	4.951	ng	99
83) Chrysene	22.068	228	26638	5.134	ng	97
88) Benzo(b)fluoranthene	24.395	252	24631	4.513	ng	# 88
89) Benzo(k)fluoranthene	24.395	252	24631	4.524	ng	# 90
90) Benzo(a)pyrene	25.347	252	17412	3.775	ng	# 91

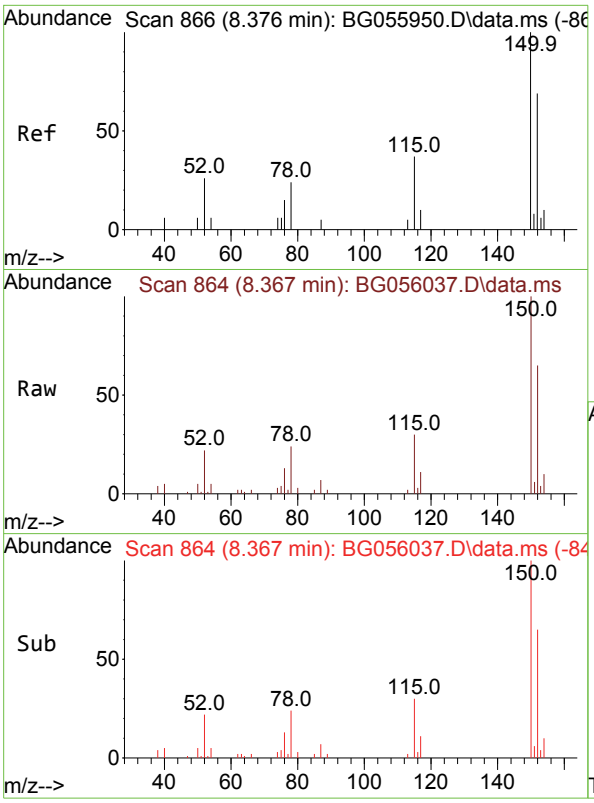
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056037.D
Acq On : 20 Dec 2022 19:51
Operator : CG/JU
Sample : N6129-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 02:40:37 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

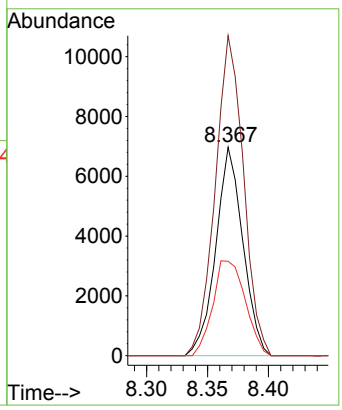


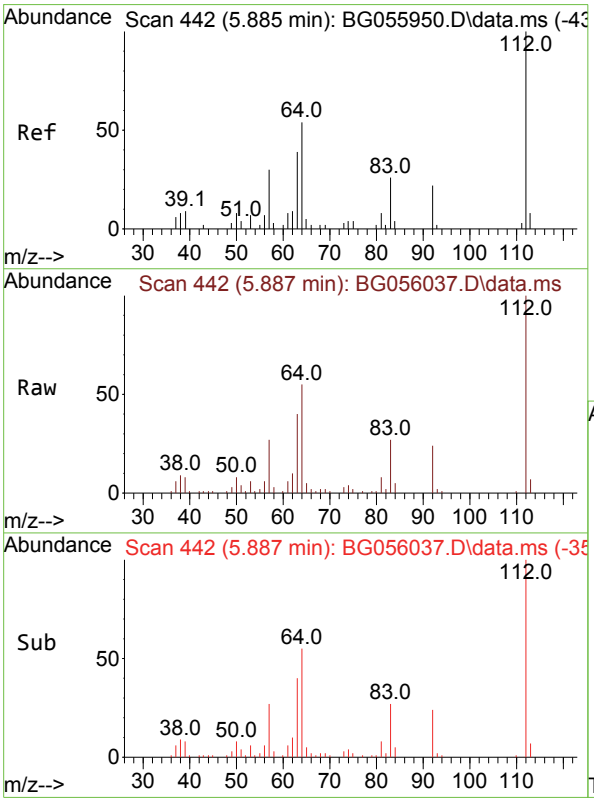


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.367 min Scan# 864
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:152 Resp: 10807

Ion	Ratio	Lower	Upper
152	100		
150	153.5	115.7	173.5
115	45.3	43.0	64.4

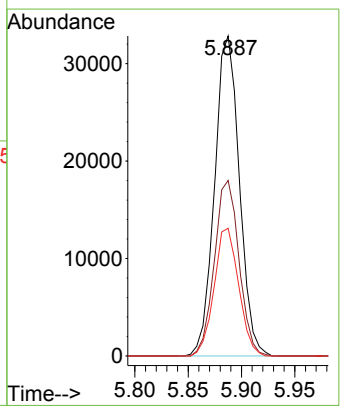


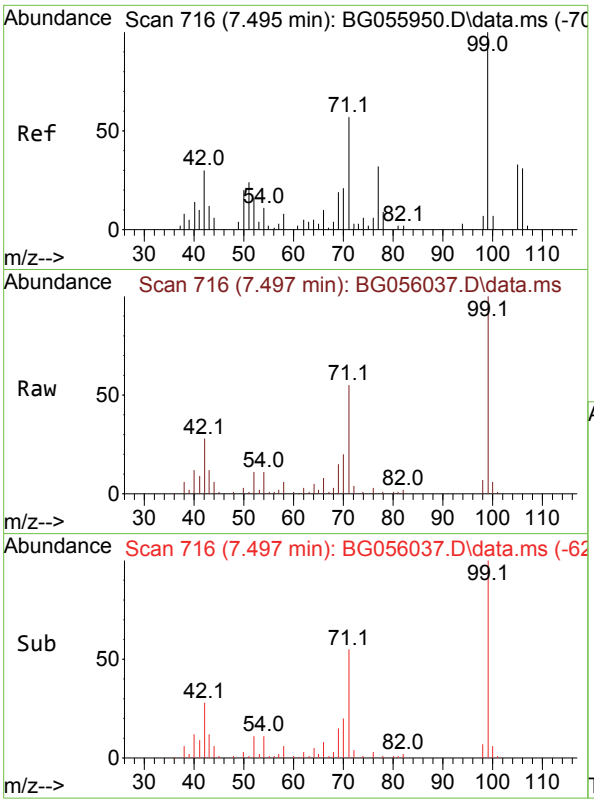


#5
2-Fluorophenol
Concen: 114.943 ng
RT: 5.887 min Scan# 442
Delta R.T. 0.008 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:112 Resp: 52968

Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.0	64.4
63	39.9	31.4	47.2

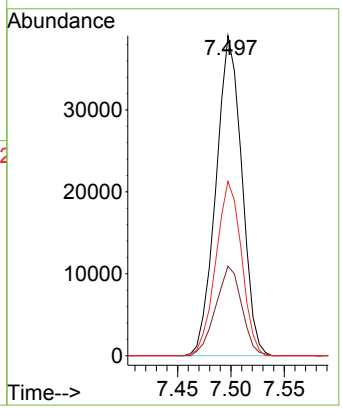


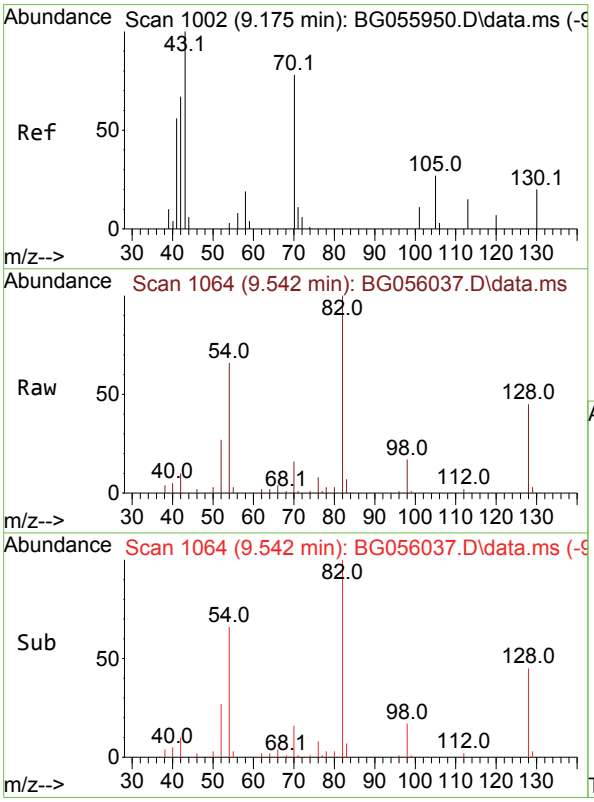


#7
Phenol-d6
Concen: 111.029 ng
RT: 7.497 min Scan# 716
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion: 99 Resp: 65804

Ion	Ratio	Lower	Upper
99	100		
42	28.0	24.3	36.5
71	54.5	45.6	68.4

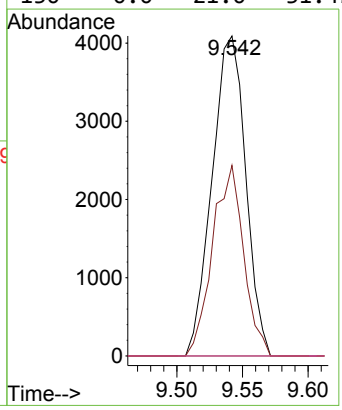


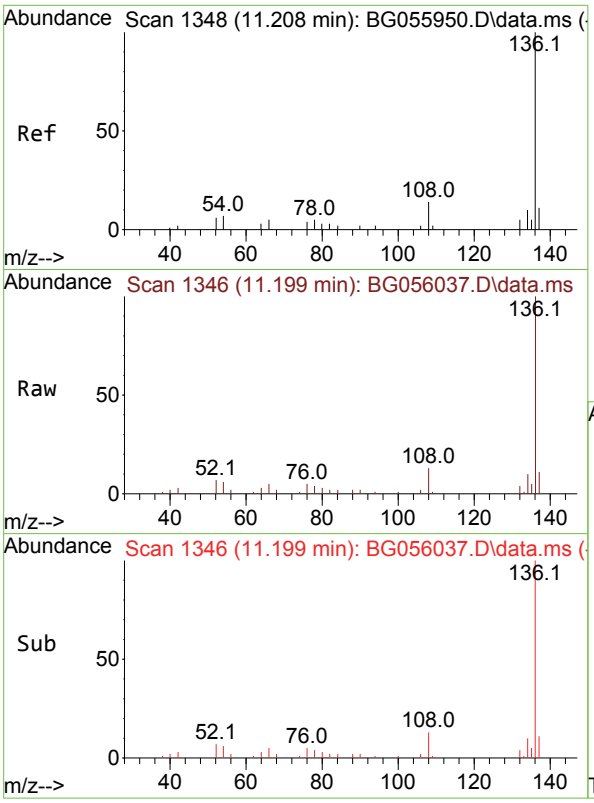


#19
n-Nitroso-di-n-propylamine
Concen: 17.151 ng
RT: 9.542 min Scan# 1064
Delta R.T. 0.372 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion: 70 Resp: 7286

Ion	Ratio	Lower	Upper
70	100		
42	59.6	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

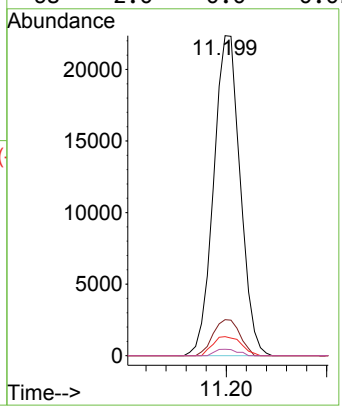


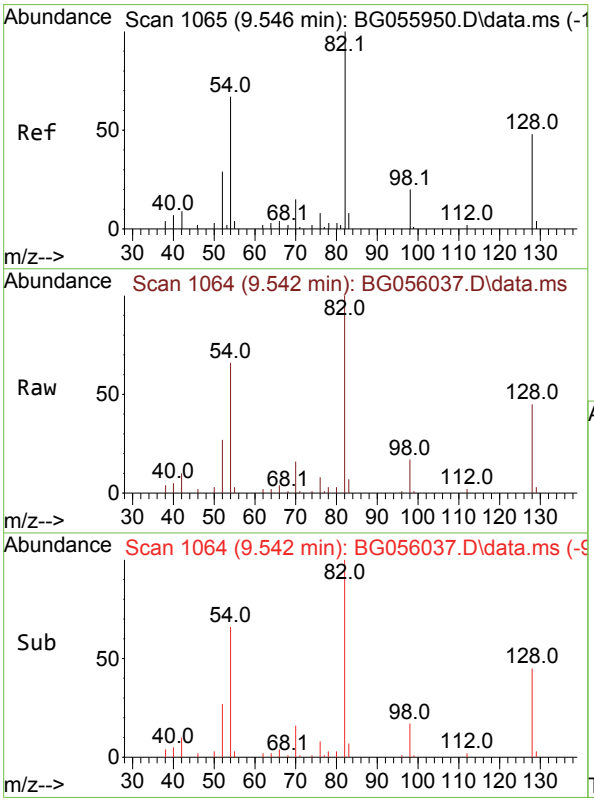


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1346
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:136 Resp: 40985

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.0	5.6	8.4
68	2.0	0.0	0.0#

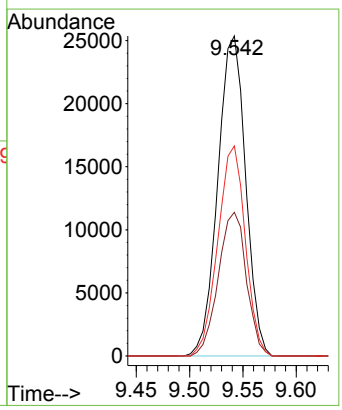


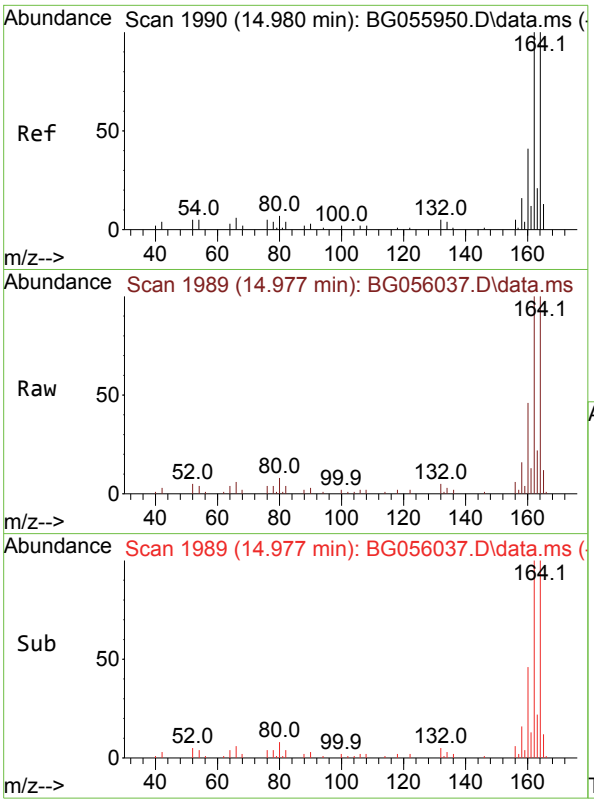


#23
Nitrobenzene-d5
Concen: 78.392 ng
RT: 9.542 min Scan# 1064
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion: 82 Resp: 45976

Ion	Ratio	Lower	Upper
82	100		
128	44.9	38.4	57.6
54	65.7	53.3	79.9

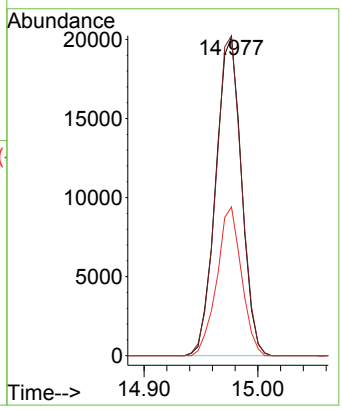


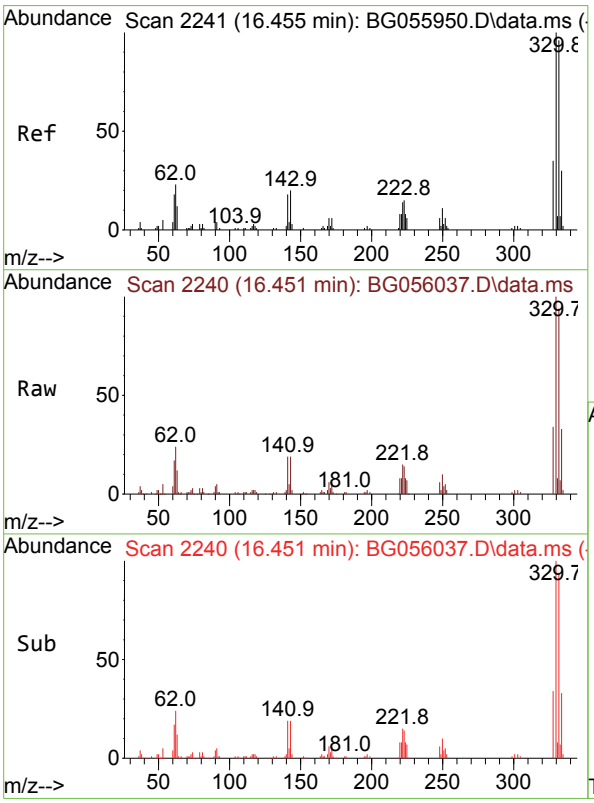


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:164 Resp: 31625

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.8	119.8
160	46.7	33.0	49.4

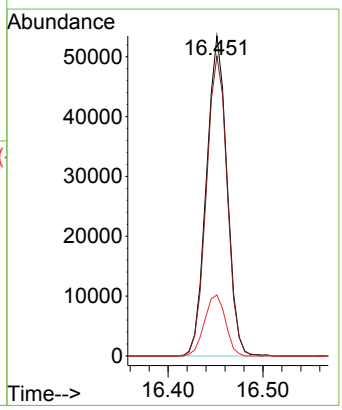


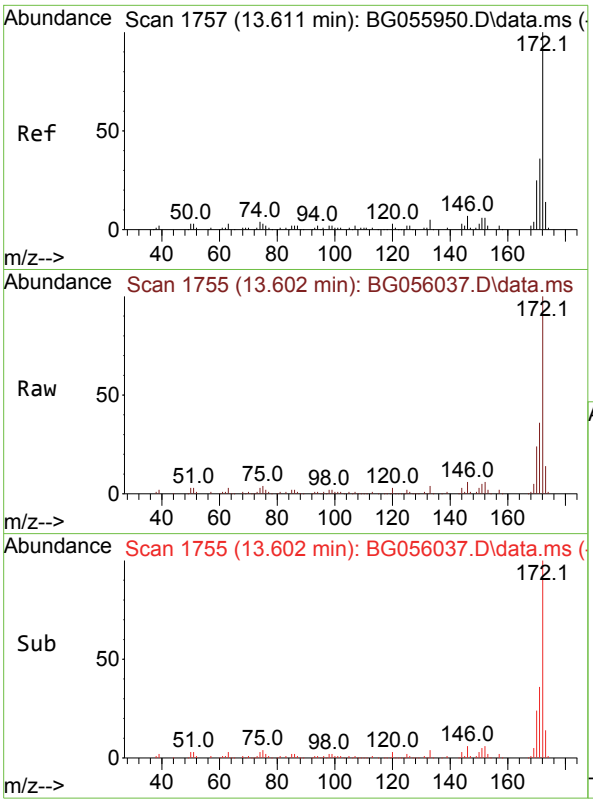


#42
2,4,6-Tribromophenol
Concen: 105.451 ng
RT: 16.451 min Scan# 2240
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:330 Resp: 80414

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	19.5	15.0	22.4

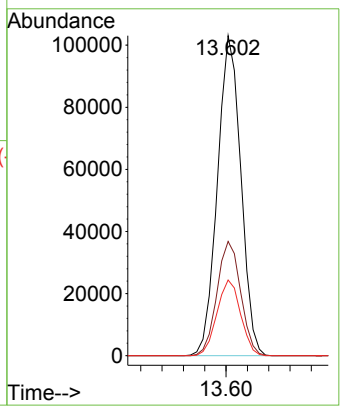


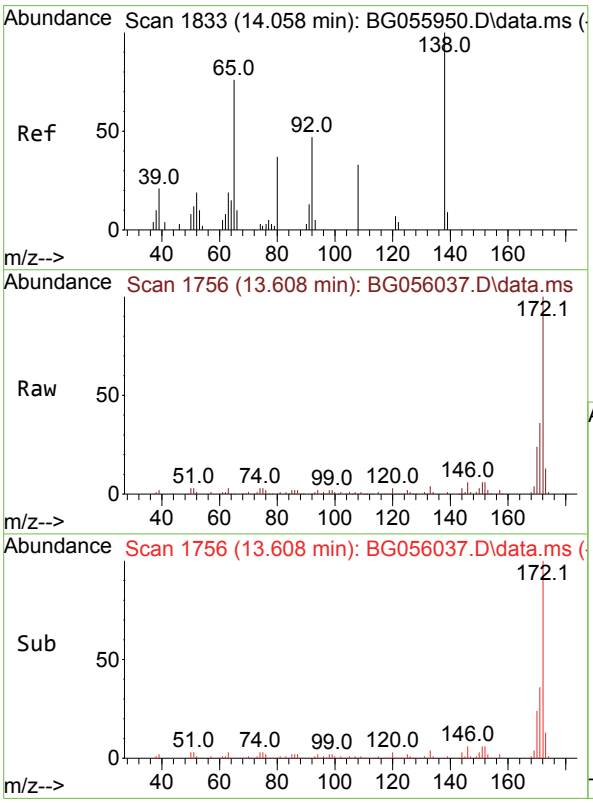


#45
2-Fluorobiphenyl
Concen: 69.616 ng
RT: 13.602 min Scan# 1755
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:172 Resp: 156980

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	19.9	29.9

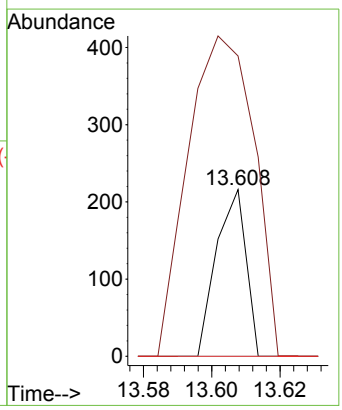


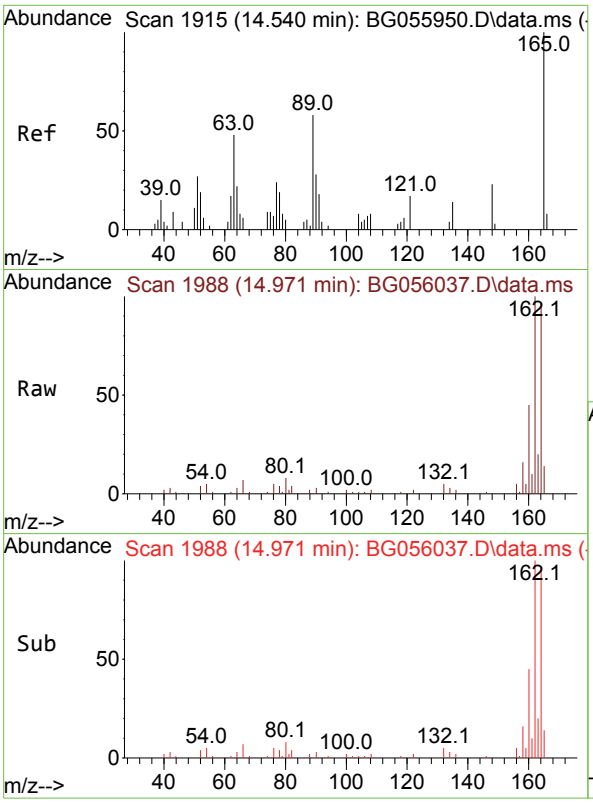


#48
2-Nitroaniline
Concen: 3.171 ng
RT: 13.608 min Scan# 1756
Delta R.T. -0.445 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion: 65 Resp: 130

Ion	Ratio	Lower	Upper
65	100		
92	180.1	49.7	74.5#
138	0.0	105.0	157.6#

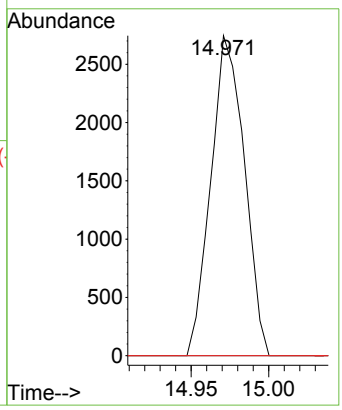


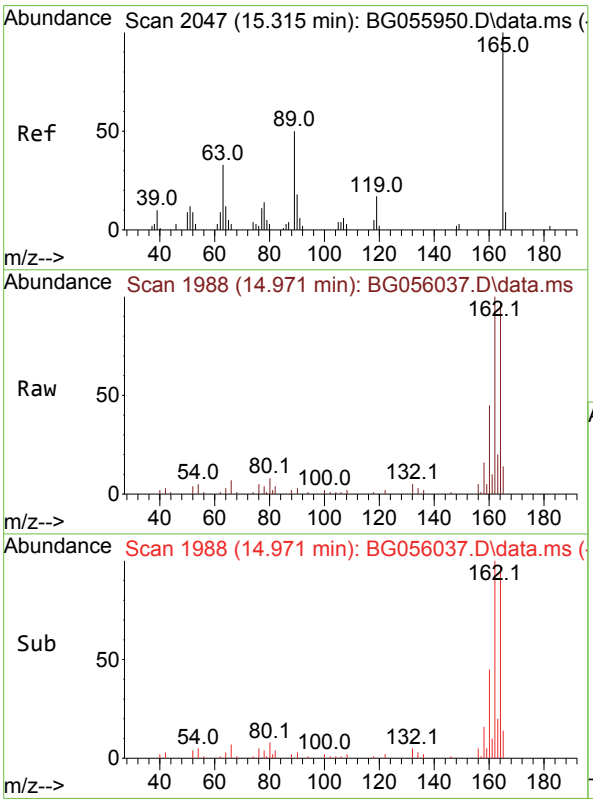


#51
2,6-Dinitrotoluene
Concen: 9.754 ng
RT: 14.971 min Scan# 1988
Delta R.T. 0.437 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:165 Resp: 4127

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

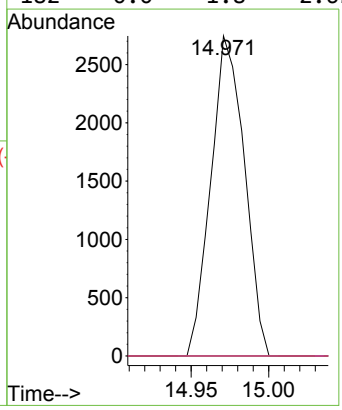


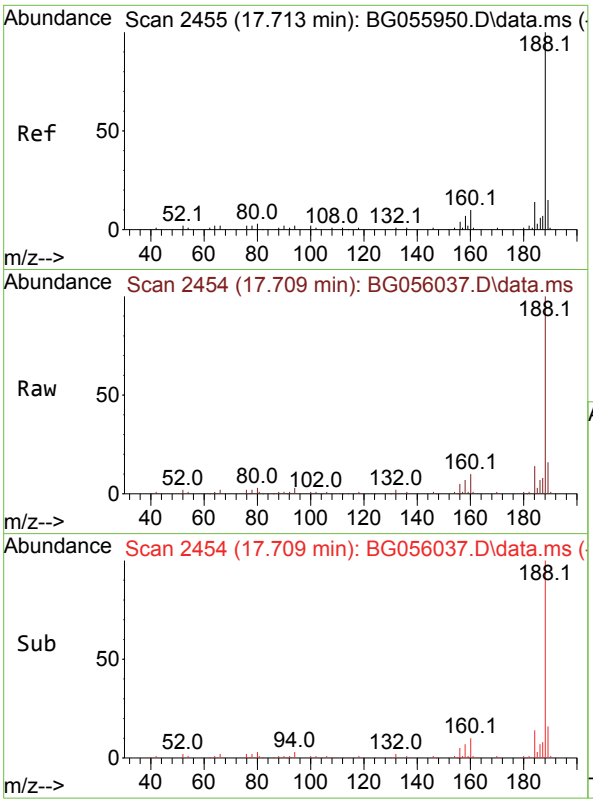


#57
2,4-Dinitrotoluene
Concen: 6.462 ng
RT: 14.971 min Scan# 1988
Delta R.T. -0.345 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:165 Resp: 4127

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#

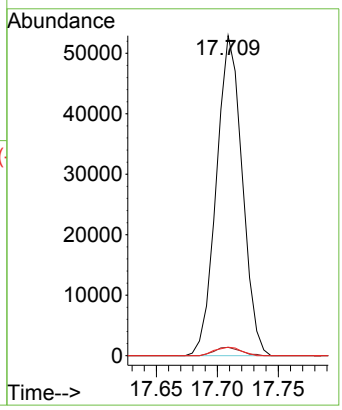


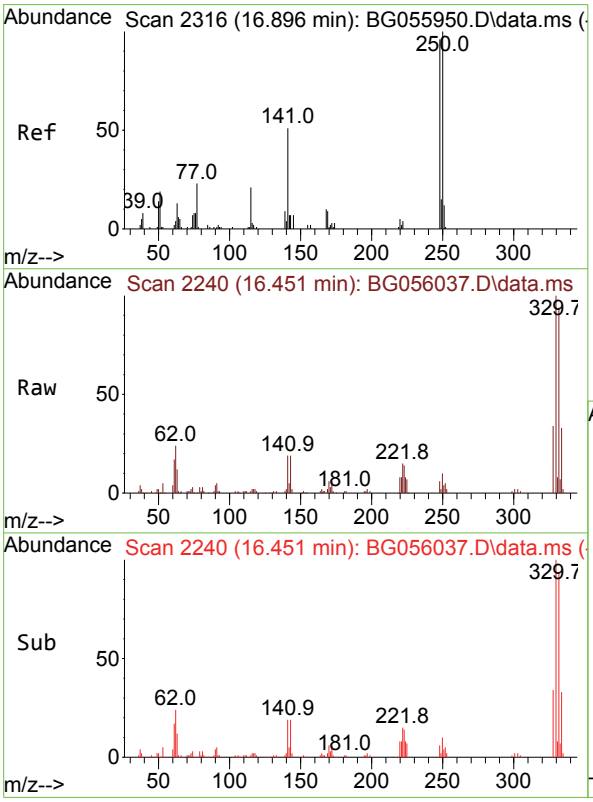


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:188 Resp: 78144

Ion	Ratio	Lower	Upper
188	100		
94	2.6	1.8	2.8
80	3.2	2.4	3.6

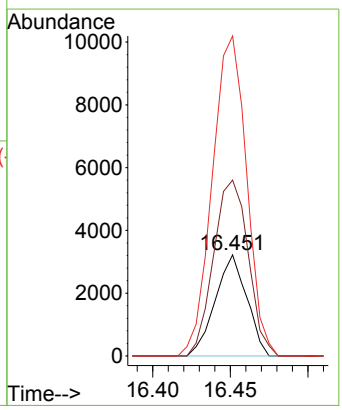


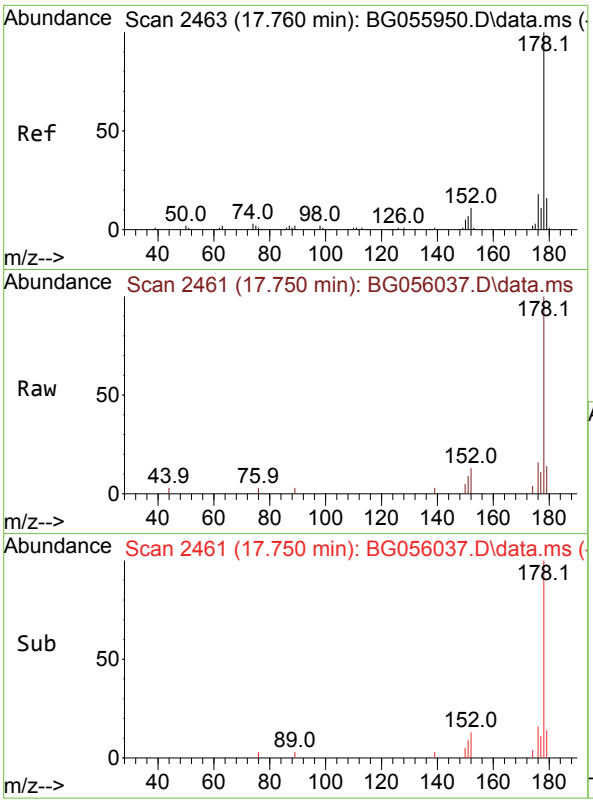


#67
4-Bromophenyl-phenylether
Concen: 3.970 ng
RT: 16.451 min Scan# 2240
Delta R.T. -0.439 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:248 Resp: 4546

Ion	Ratio	Lower	Upper
248	100		
250	173.8	83.0	124.6#
141	316.2	42.6	64.0#

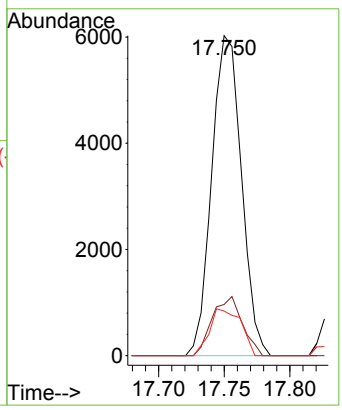


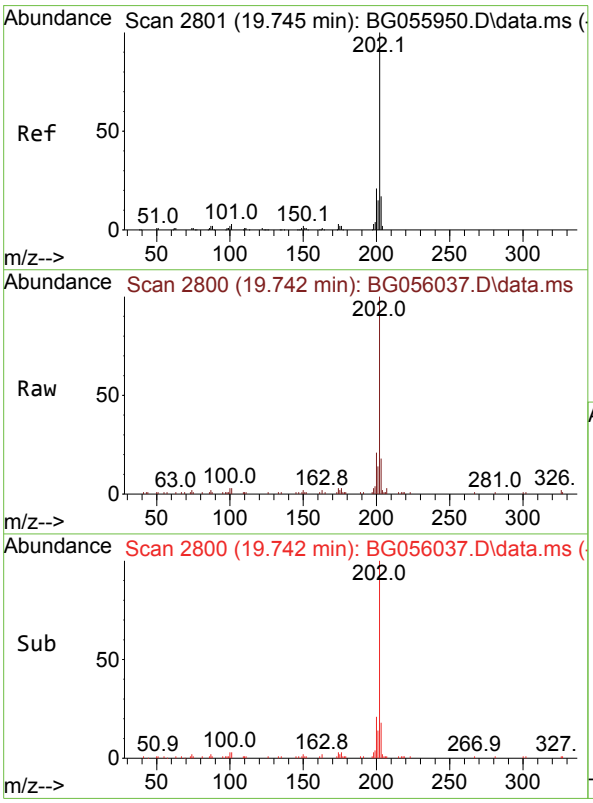


#71
Phenanthrene
Concen: 2.317 ng
RT: 17.750 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:178 Resp: 9488

Ion	Ratio	Lower	Upper
178	100		
176	16.0	14.4	21.6
179	14.0	12.7	19.1

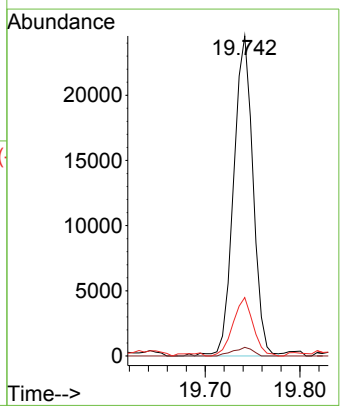


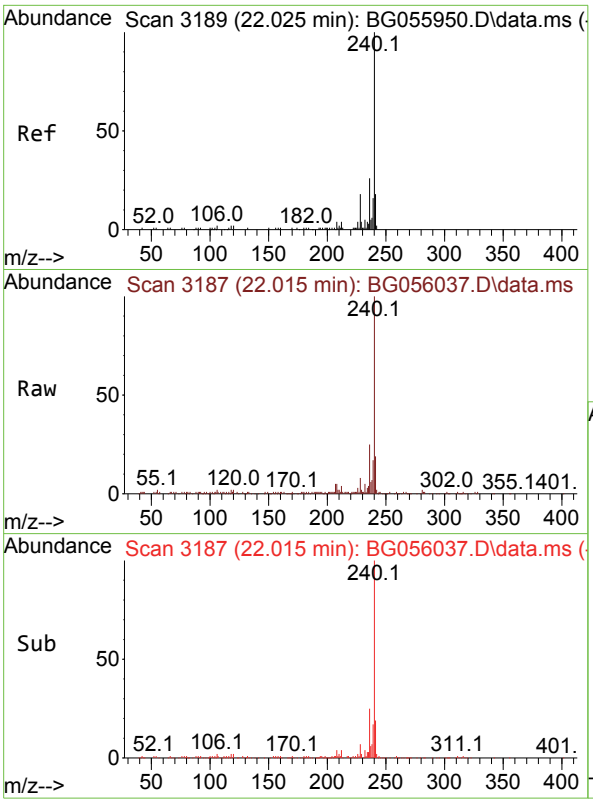


#75
Fluoranthene
Concen: 6.069 ng
RT: 19.742 min Scan# 2800
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:202 Resp: 34805

Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	22.6
203	18.3	0.0	37.1

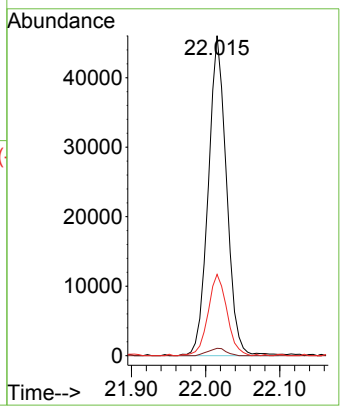


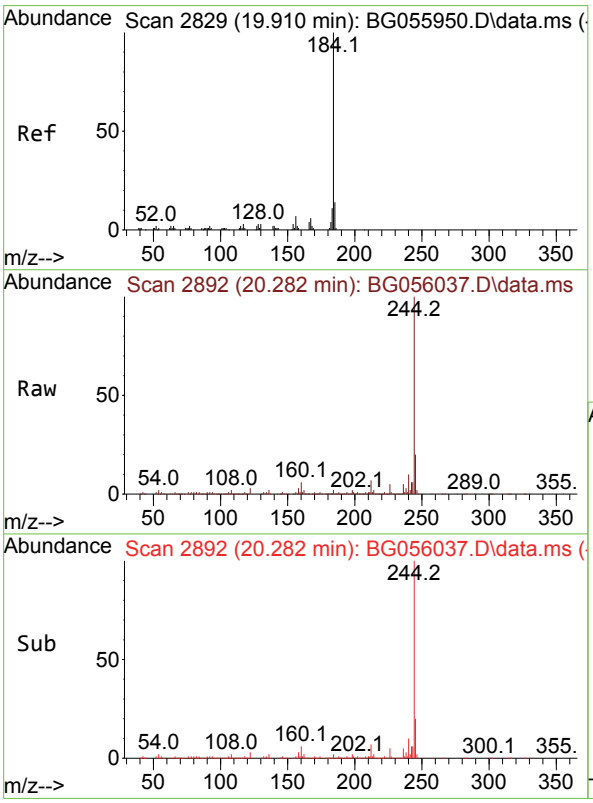


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3187
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:240 Resp: 78671

Ion	Ratio	Lower	Upper
240	100		
120	2.3	1.7	2.5
236	25.4	21.1	31.7

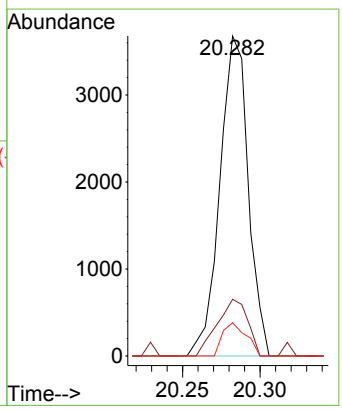


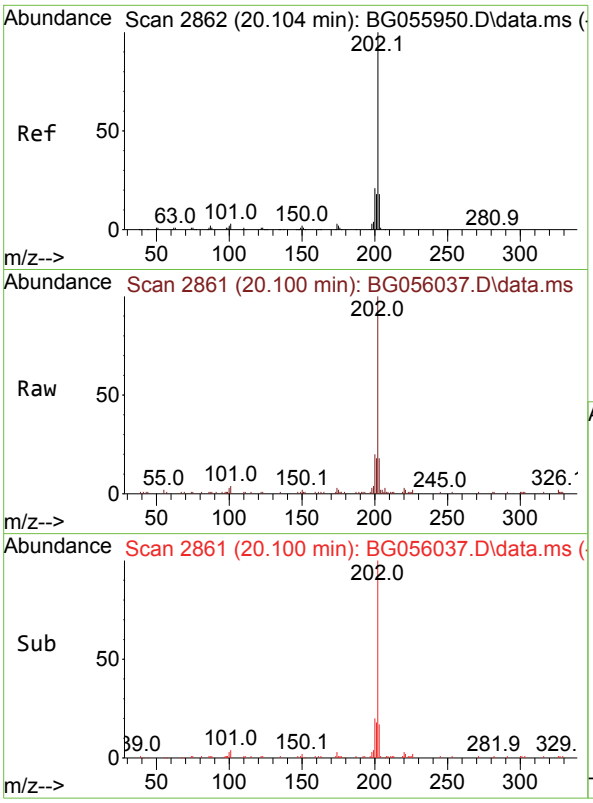


#77
Benzidine
Concen: 3.384 ng
RT: 20.282 min Scan# 2892
Delta R.T. 0.378 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:184 Resp: 4675

Ion	Ratio	Lower	Upper
184	100		
185	17.7	10.9	16.3#
183	10.4	9.2	13.8

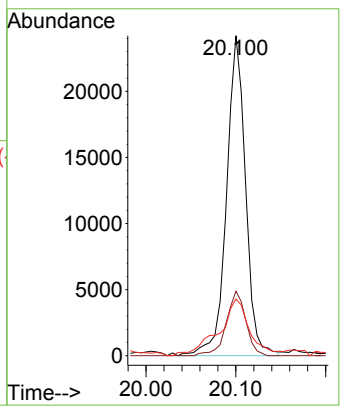


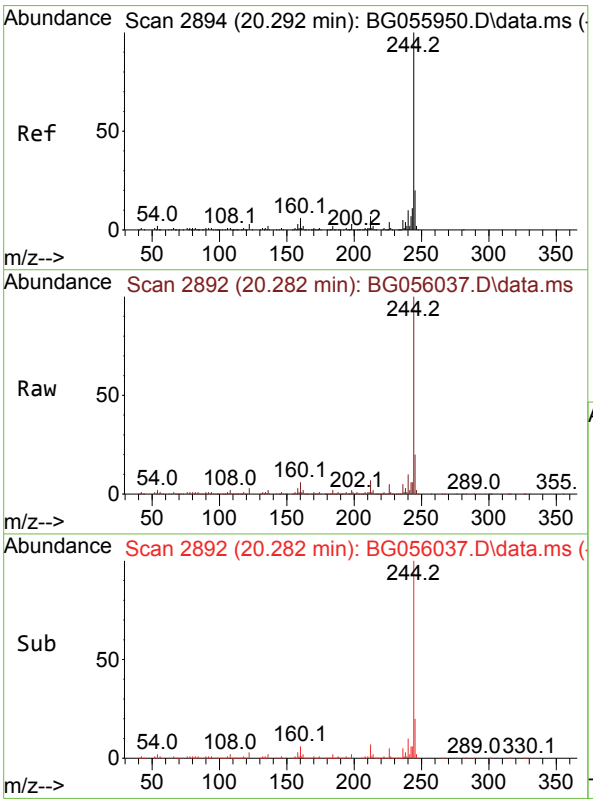


#78
Pyrene
Concen: 7.492 ng
RT: 20.100 min Scan# 2861
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:202 Resp: 35664

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.7	25.1
203	17.7	14.6	21.8

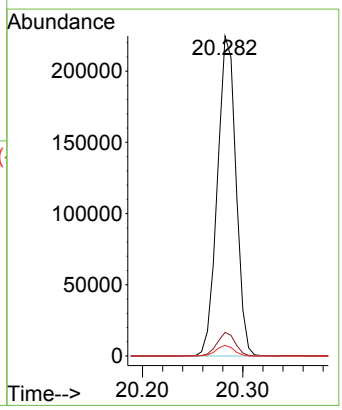


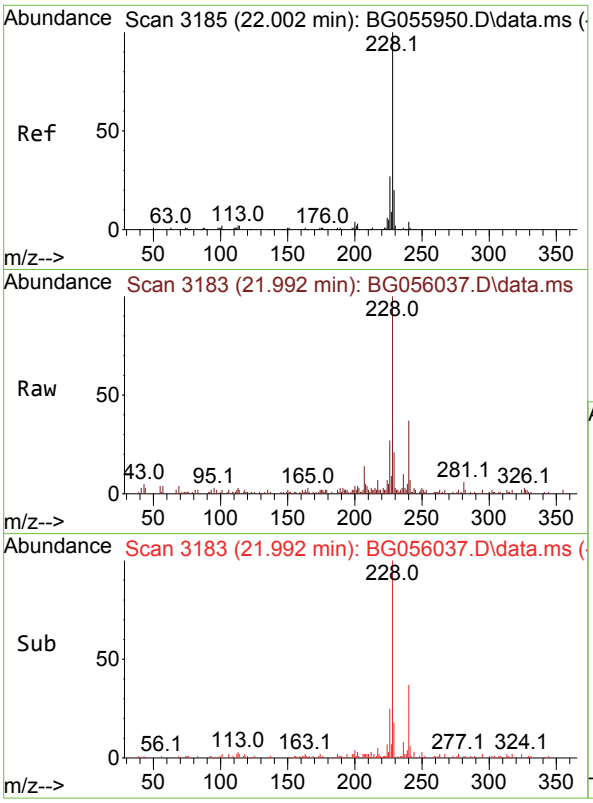


#79
Terphenyl-d14
Concen: 64.795 ng
RT: 20.282 min Scan# 2892
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:244 Resp: 288419

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	3.3	2.5	3.7

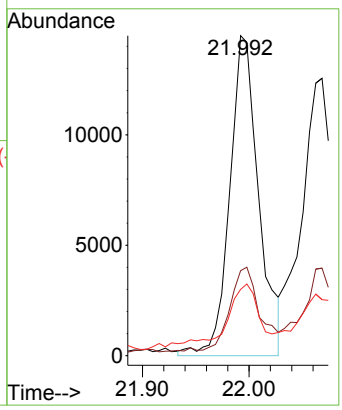


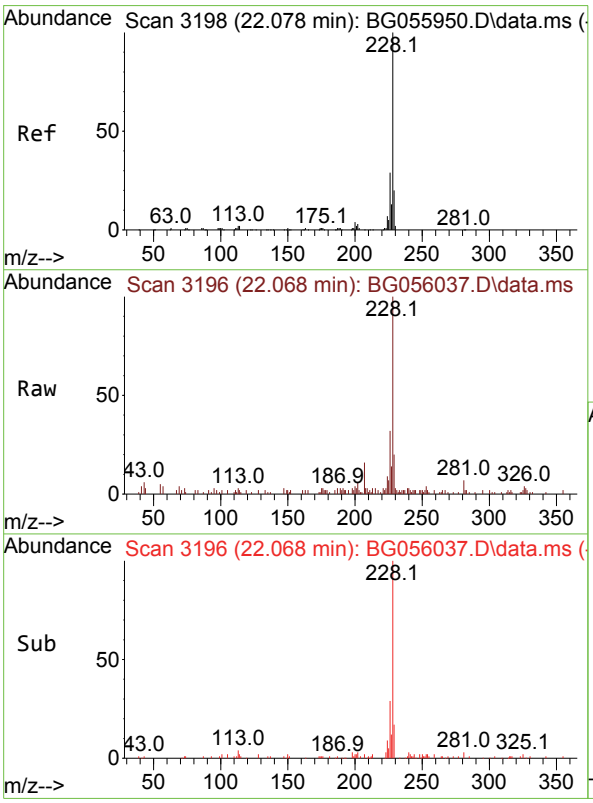


#81
Benzo(a)anthracene
Concen: 4.951 ng
RT: 21.992 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:228 Resp: 27406

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	20.7	15.9	23.9

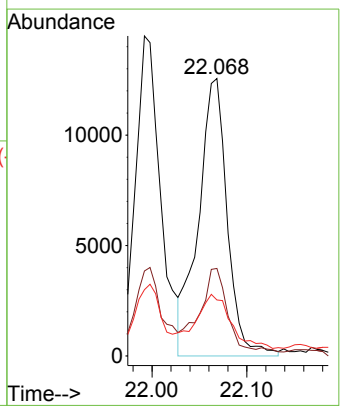


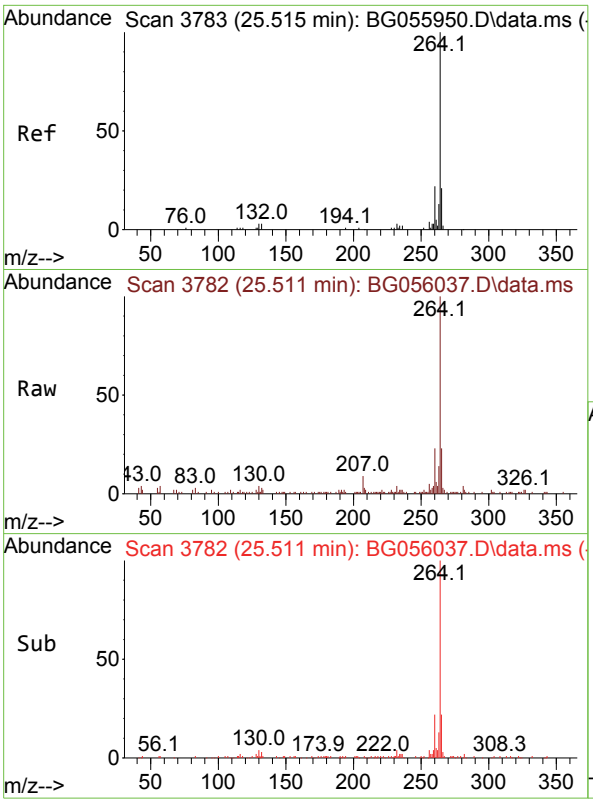


#83
Chrysene
Concen: 5.134 ng
RT: 22.068 min Scan# 3196
Delta R.T. 0.002 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:228 Resp: 26638

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.1	34.7
229	20.2	15.7	23.5

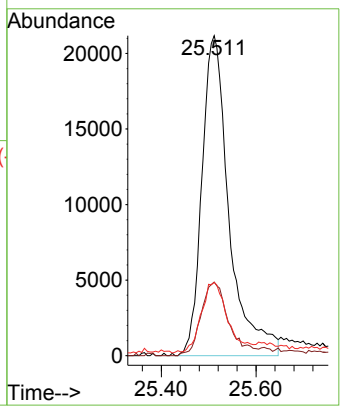


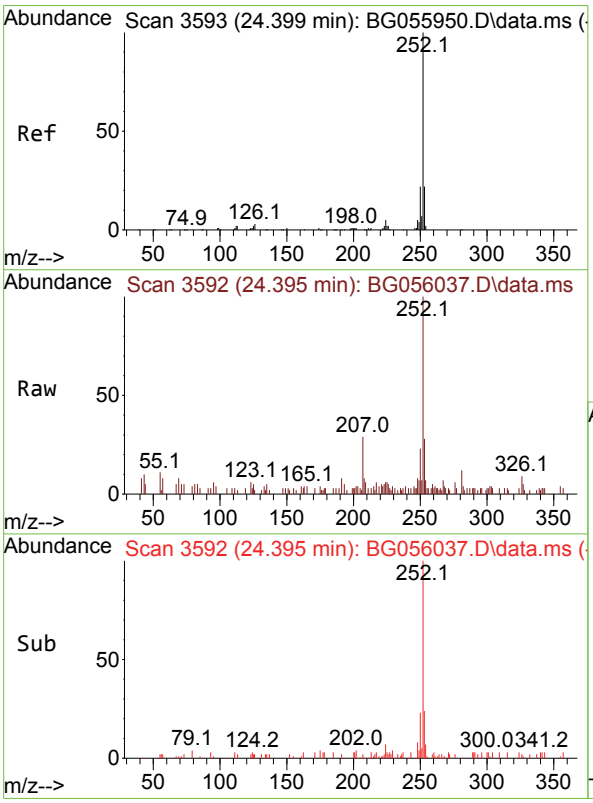


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.511 min Scan# 3782
Delta R.T. 0.014 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:264 Resp: 84324

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.8
265	22.9	16.6	25.0

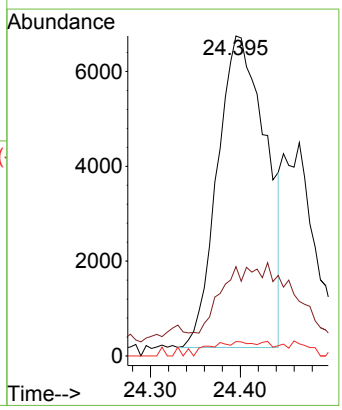


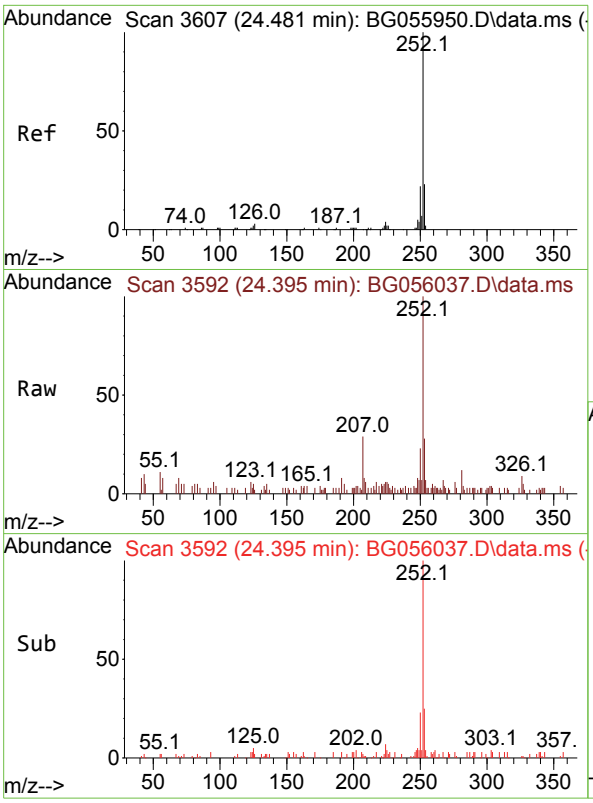


#88
Benzo(b)fluoranthene
Concen: 4.513 ng
RT: 24.395 min Scan# 3592
Delta R.T. 0.008 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:252 Resp: 24631

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.4	26.0#
125	4.5	1.8	2.8#

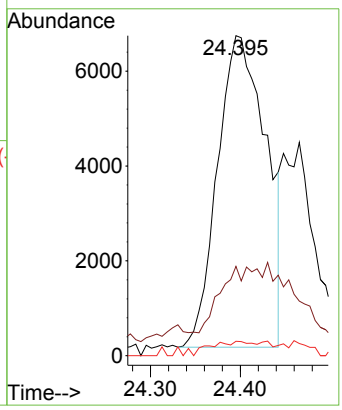


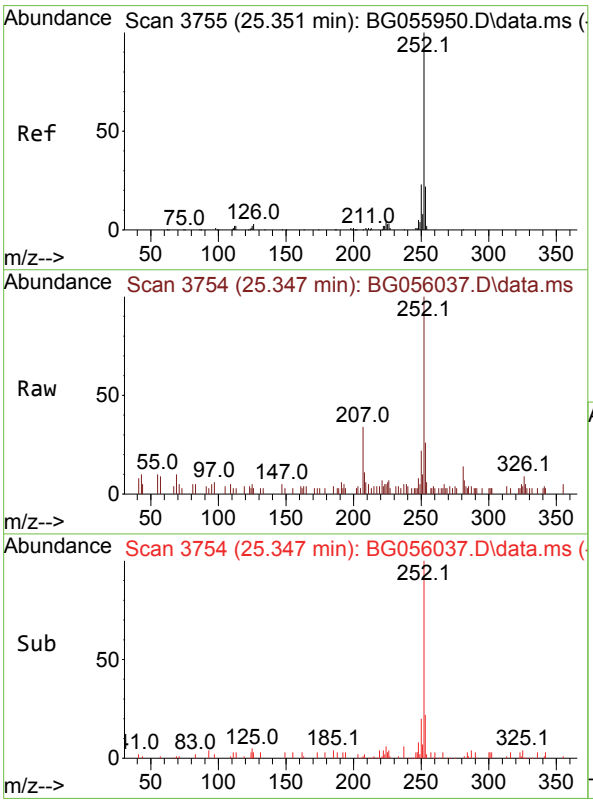


#89
Benzo(k)fluoranthene
Concen: 4.524 ng
RT: 24.395 min Scan# 3592
Delta R.T. -0.069 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:252 Resp: 24631

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.2	27.2#
125	4.5	2.0	3.0#





#90
Benzo(a)pyrene
Concen: 3.775 ng
RT: 25.347 min Scan# 3754
Delta R.T. 0.014 min
Lab File: BG056037.D
Acq: 20 Dec 2022 19:51

Tgt Ion:252 Resp: 17412

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	4.6	1.9	2.9#