

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
 Data File : BG056047.D
 Acq On : 21 Dec 2022 13:58
 Operator : CG/JU
 Sample : N6038-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 22 01:23:43 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

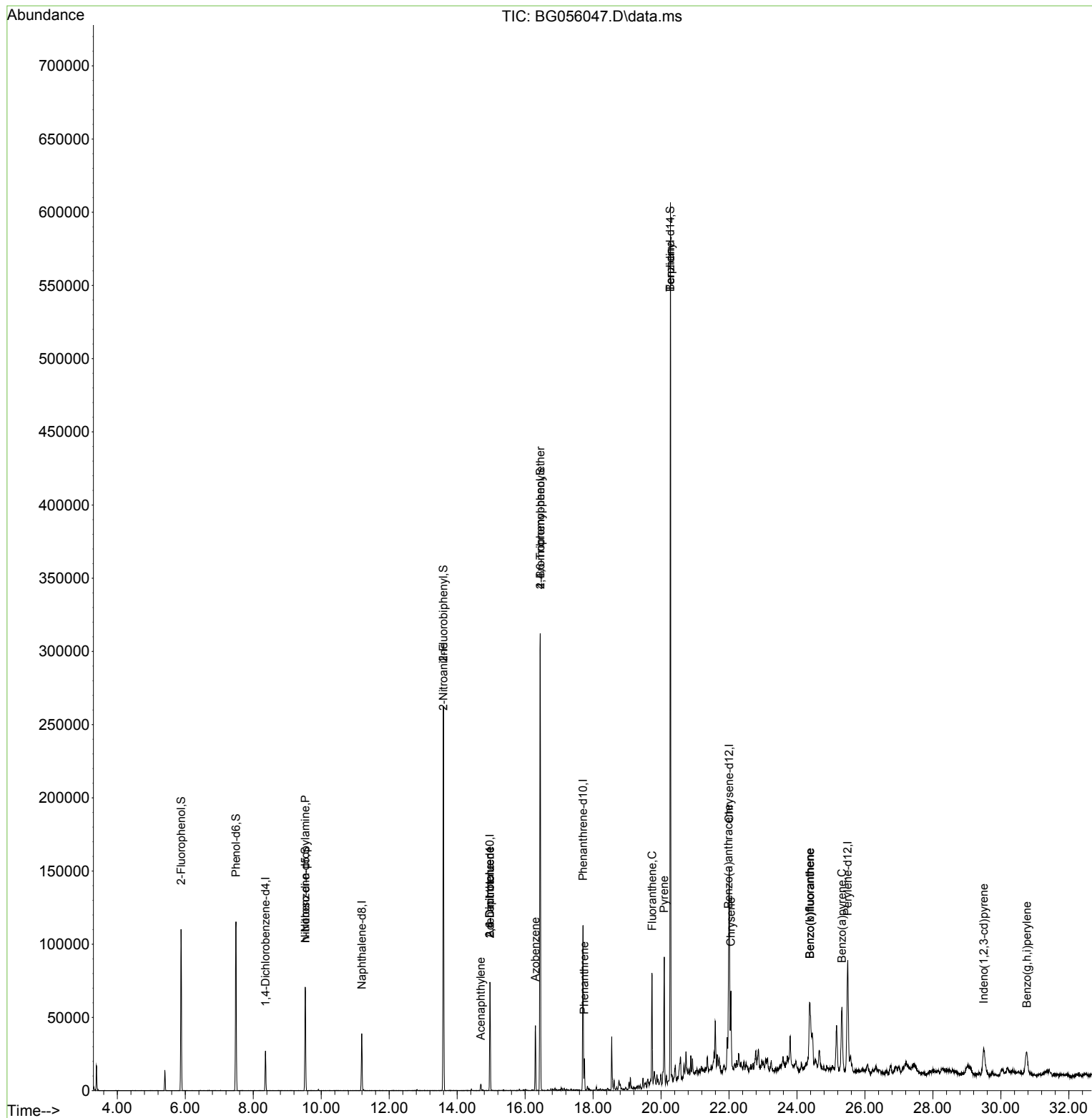
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

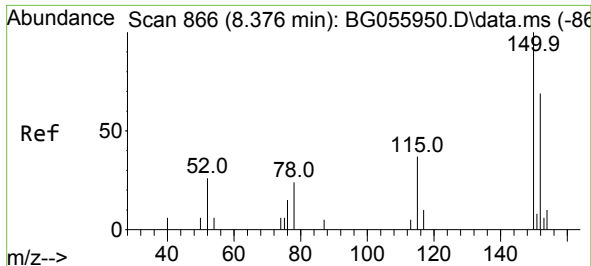
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	8700	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	33229	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	29513	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	80017	20.000	ng	# 0.00
76) Chrysene-d12	22.004	240	80452	20.000	ng	0.00
86) Perylene-d12	25.494	264	96313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	44665	120.399	ng	0.00
7) Phenol-d6	7.492	99	55929	117.221	ng	0.00
23) Nitrobenzene-d5	9.531	82	37552	78.974	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	85392	119.992	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	147042	69.876	ng	0.00
79) Terphenyl-d14	20.277	244	317343	69.715	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.531	70	5691	16.640	ng	# 67
48) 2-Nitroaniline	13.590	65	122	3.173	ng	# 1
49) Acenaphthylene	14.695	152	5972	2.302	ng	100
51) 2,6-Dinitrotoluene	14.965	165	3824	9.685	ng	# 25
57) 2,4-Dinitrotoluene	14.965	165	3824	6.416	ng	# 35
63) Azobenzene	16.305	77	11460	7.550	ng	# 1
67) 4-Bromophenyl-phenylether	16.446	248	4915	4.192	ng	# 1
71) Phenanthrene	17.744	178	16044	3.826	ng	98
75) Fluoranthene	19.736	202	53726	9.150	ng	100
77) Benzidine	20.277	184	5003	3.541	ng	# 92
78) Pyrene	20.095	202	58462	12.009	ng	99
81) Benzo(a)anthracene	21.987	228	40361	7.129	ng	95
83) Chrysene	22.057	228	44180	8.327	ng	97
87) Indeno(1,2,3-cd)pyrene	29.495	276	40638	5.247	ng	# 99
88) Benzo(b)fluoranthene	24.384	252	66999	10.749	ng	99
89) Benzo(k)fluoranthene	24.384	252	66999	10.773	ng	99
90) Benzo(a)pyrene	25.324	252	54313	10.308	ng	100
92) Benzo(g,h,i)perylene	30.764	276	41356	6.598	ng	# 97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056047.D
Acq On : 21 Dec 2022 13:58
Operator : CG/JU
Sample : N6038-24
Misc :
ALS Vial : 7 Sample Multiplier: 1

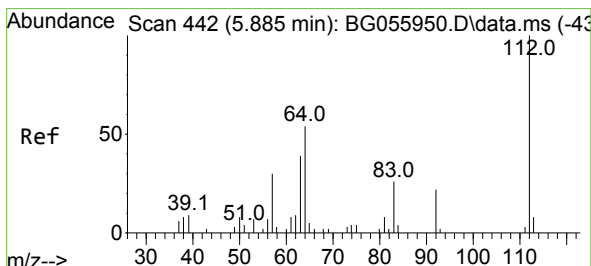
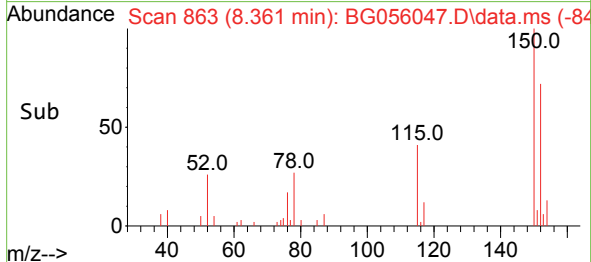
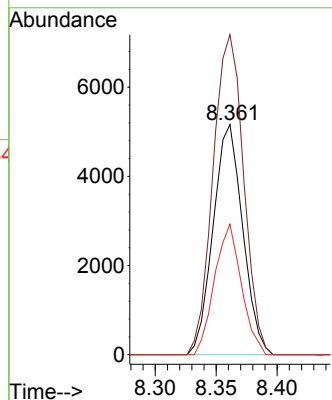
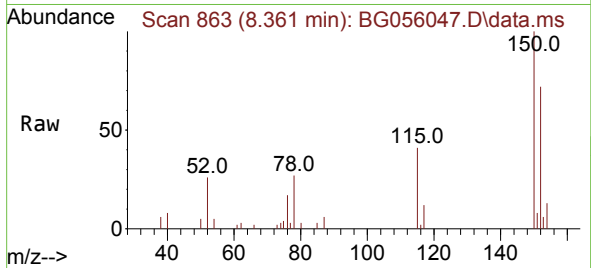
Quant Time: Dec 22 01:23:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration





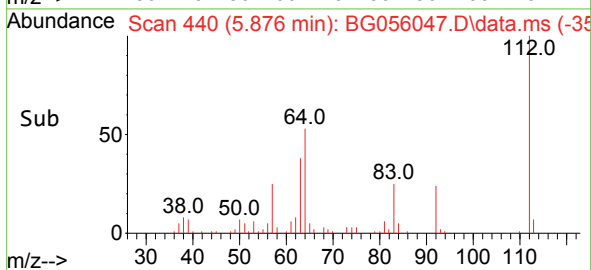
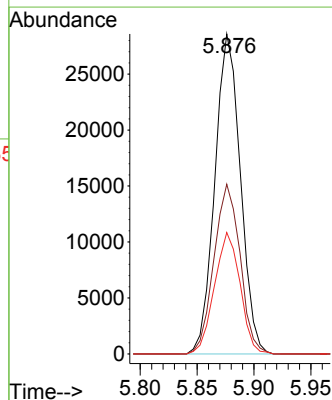
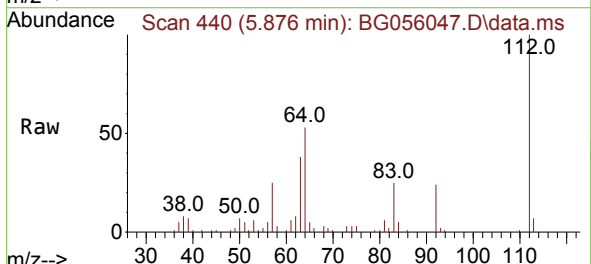
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

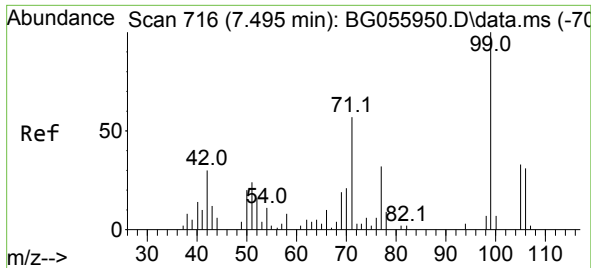
Tgt Ion:152 Resp: 8700
Ion Ratio Lower Upper
152 100
150 139.0 115.7 173.5
115 56.7 43.0 64.4



#5
2-Fluorophenol
Concen: 120.399 ng
RT: 5.876 min Scan# 440
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

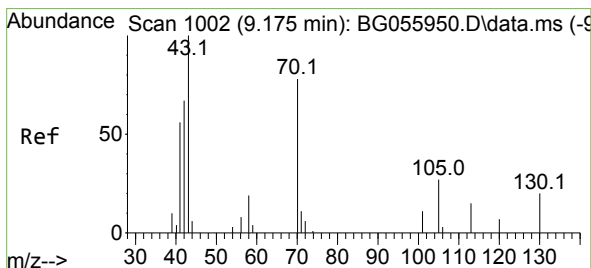
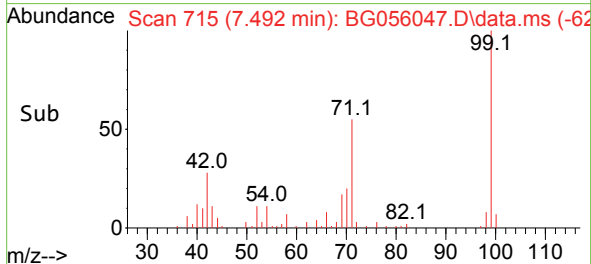
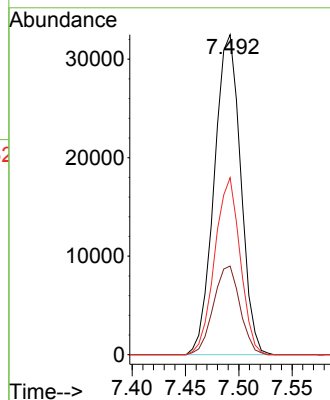
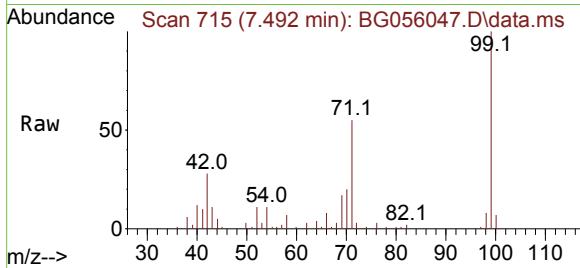
Tgt Ion:112 Resp: 44665
Ion Ratio Lower Upper
112 100
64 53.0 43.0 64.4
63 38.0 31.4 47.2





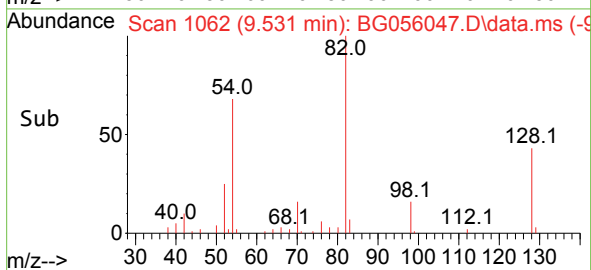
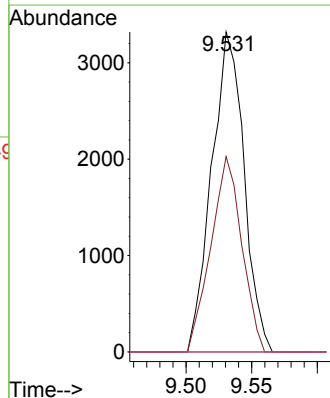
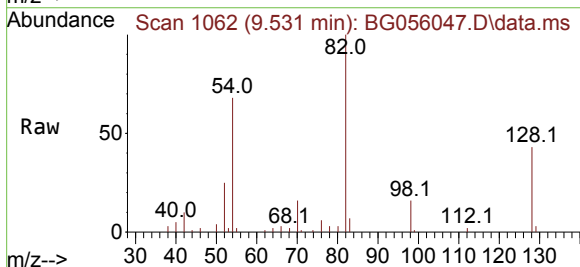
#7
Phenol-d6
Concen: 117.221 ng
RT: 7.492 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

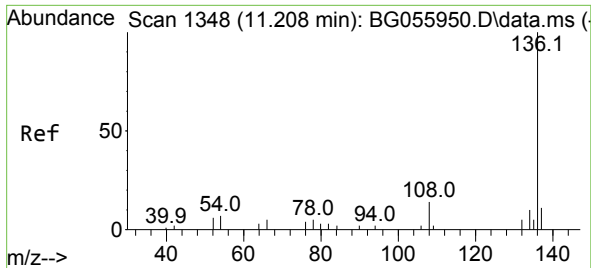
Tgt Ion: 99 Resp: 55929
Ion Ratio Lower Upper
99 100
42 27.7 24.3 36.5
71 55.3 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.640 ng
RT: 9.531 min Scan# 1062
Delta R.T. 0.361 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

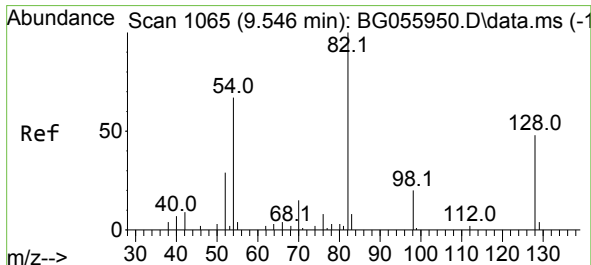
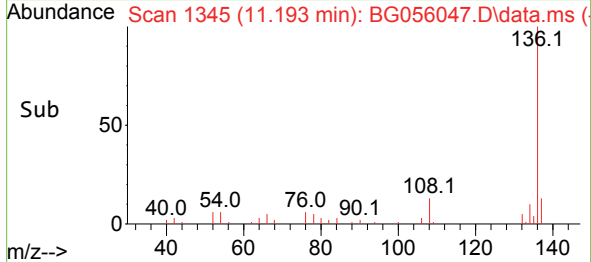
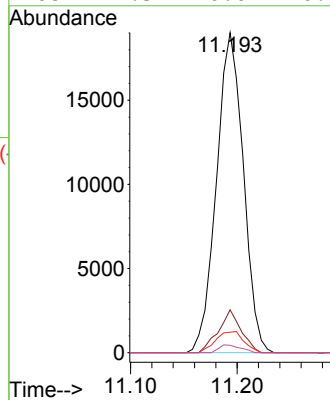
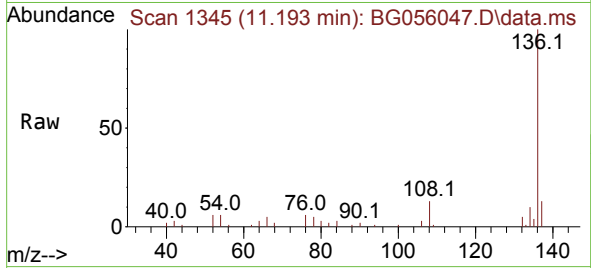
Tgt Ion: 70 Resp: 5691
Ion Ratio Lower Upper
70 100
42 61.1 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#





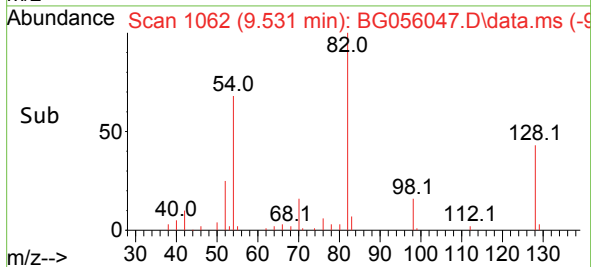
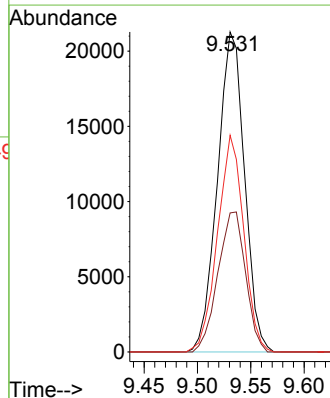
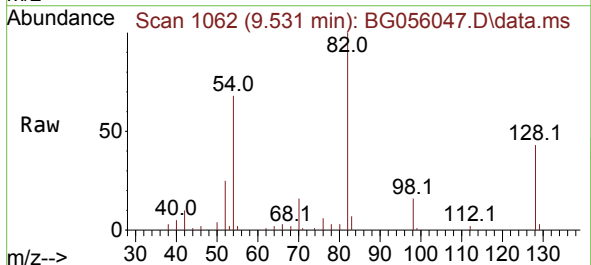
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

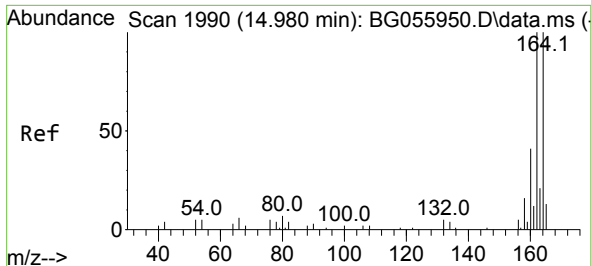
Tgt Ion:136	Resp:	33229
Ion Ratio	Lower	Upper
136	100	
137	13.4	9.2 13.8
54	6.4	5.6 8.4
68	2.3	0.0 0.0#



#23
Nitrobenzene-d5
Concen: 78.974 ng
RT: 9.531 min Scan# 1062
Delta R.T. -0.009 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

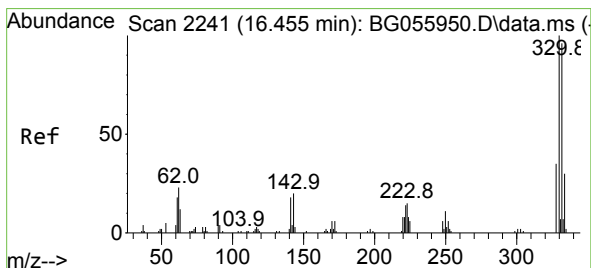
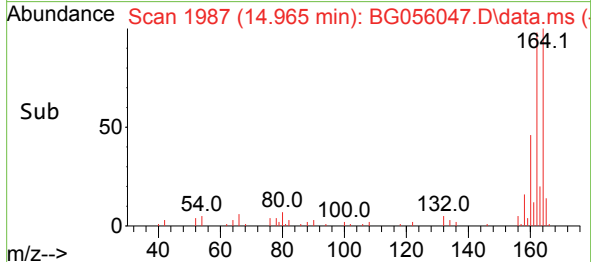
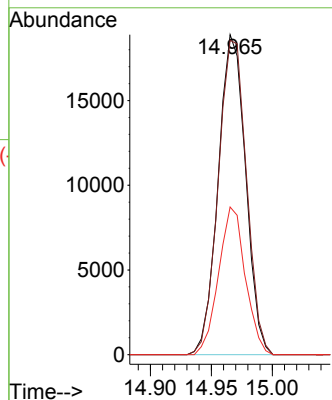
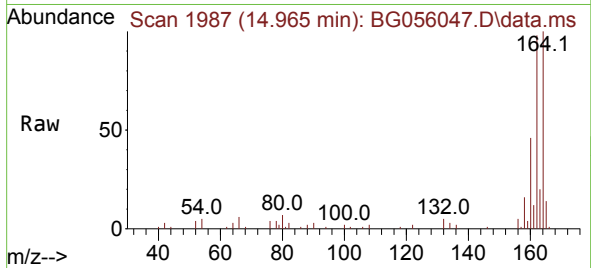
Tgt Ion: 82	Resp:	37552
Ion Ratio	Lower	Upper
82	100	
128	43.4	38.4 57.6
54	67.7	53.3 79.9





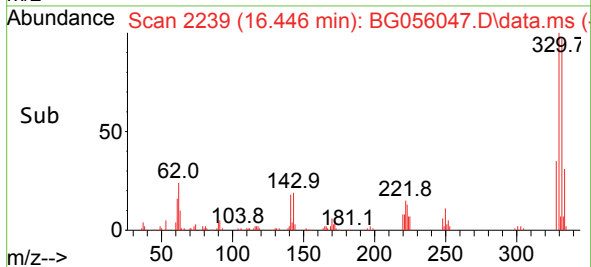
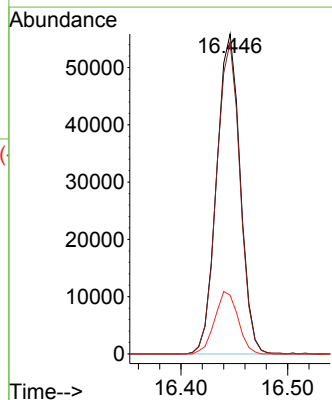
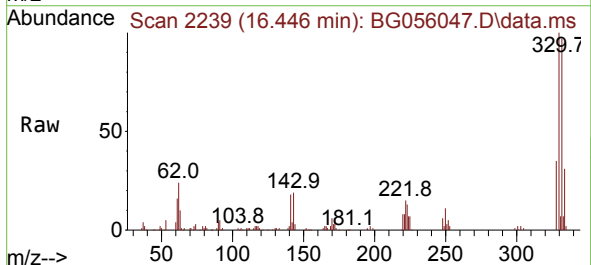
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

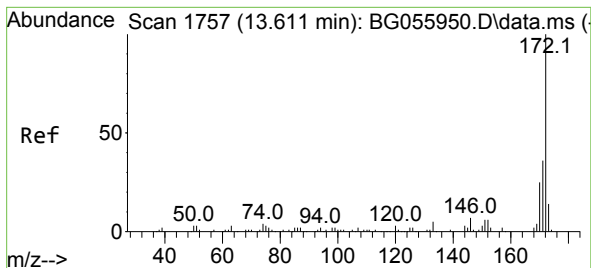
Tgt Ion:164	Resp:	29513
Ion Ratio	Lower	Upper
164	100	
162	98.3	79.8 119.8
160	46.2	33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 119.992 ng
RT: 16.446 min Scan# 2239
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

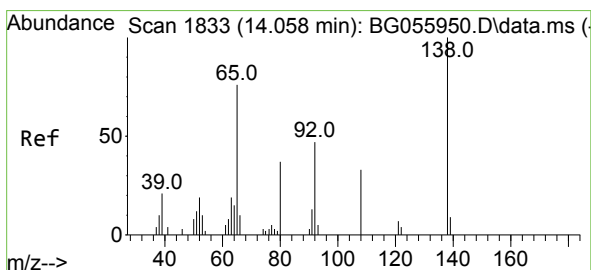
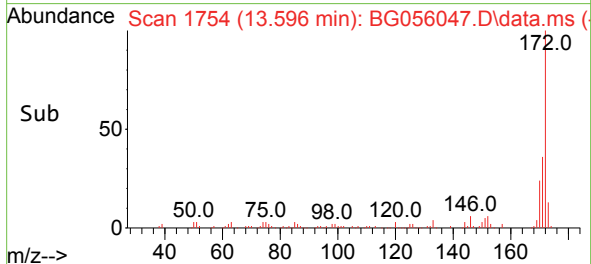
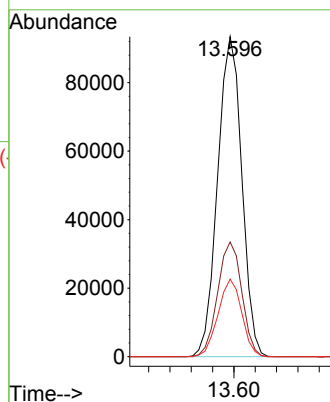
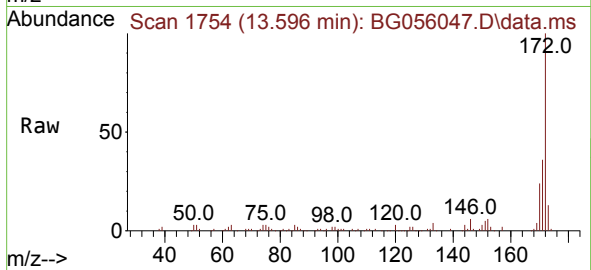
Tgt Ion:330	Resp:	85392
Ion Ratio	Lower	Upper
330	100	
332	97.5	76.6 114.8
141	19.3	15.0 22.4





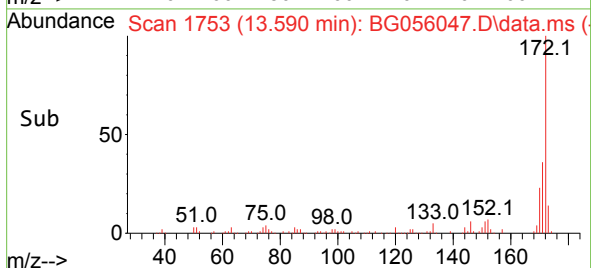
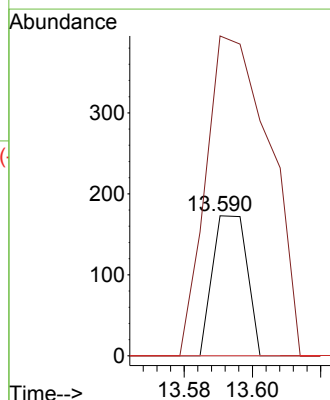
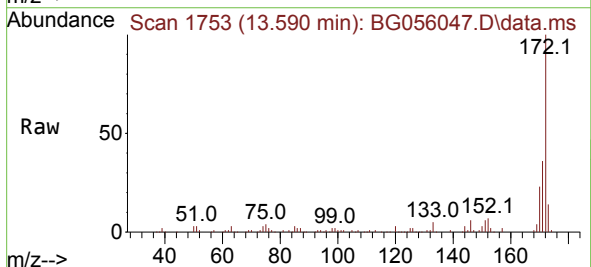
#45
2-Fluorobiphenyl
Concen: 69.876 ng
RT: 13.596 min Scan# 1754
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

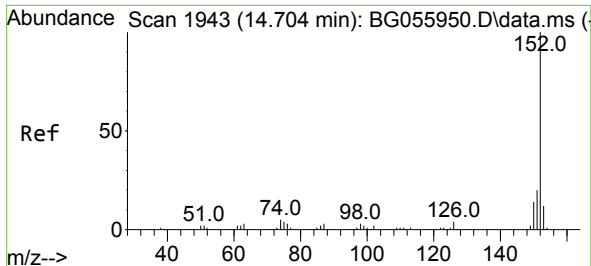
Tgt Ion:172	Resp:	147042
Ion Ratio	Lower	Upper
172	100	
171	35.8	28.6 42.8
170	24.2	19.9 29.9



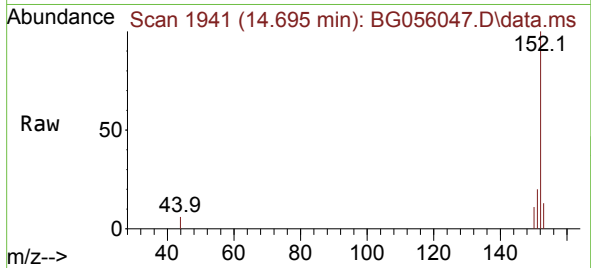
#48
2-Nitroaniline
Concen: 3.173 ng
RT: 13.590 min Scan# 1753
Delta R.T. -0.462 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

Tgt Ion: 65	Resp:	122
Ion Ratio	Lower	Upper
65	100	
92	228.3	49.7 74.5#
138	0.0	105.0 157.6#

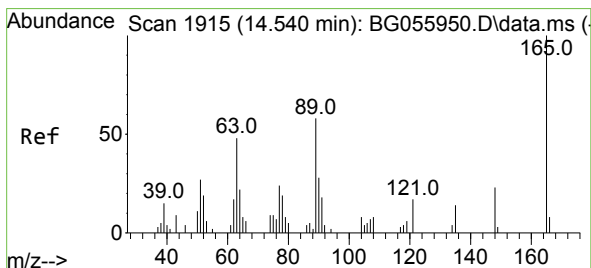
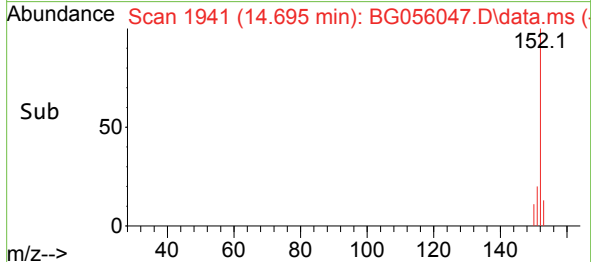
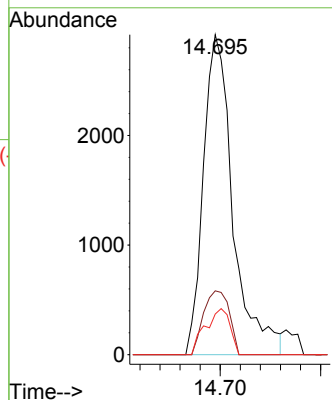




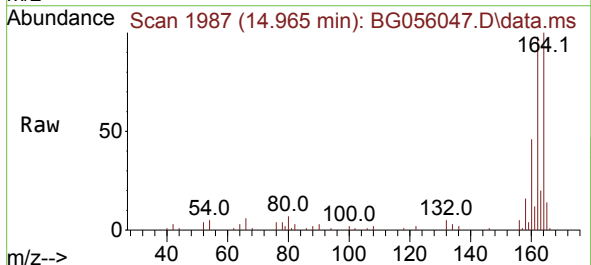
#49
Acenaphthylene
Concen: 2.302 ng
RT: 14.695 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58



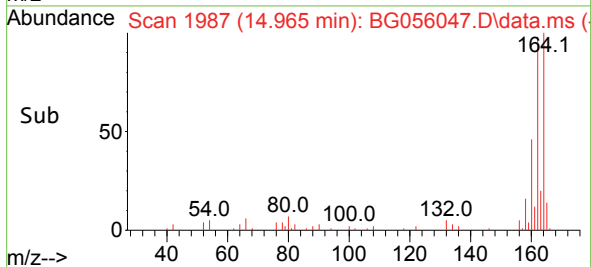
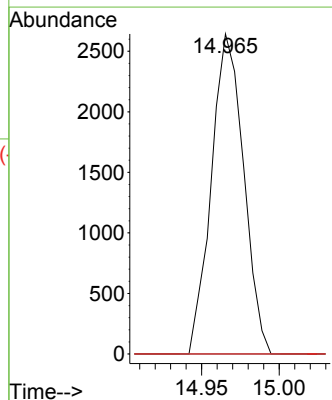
Tgt Ion:152 Resp: 5972
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.7 10.0 15.0

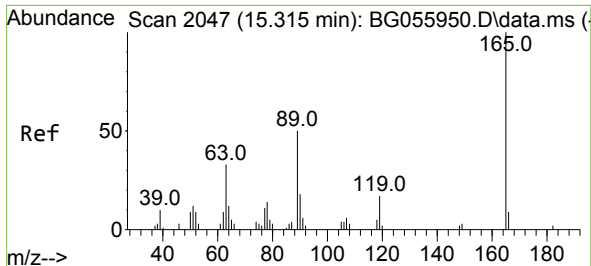


#51
2,6-Dinitrotoluene
Concen: 9.685 ng
RT: 14.965 min Scan# 1987
Delta R.T. 0.431 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58



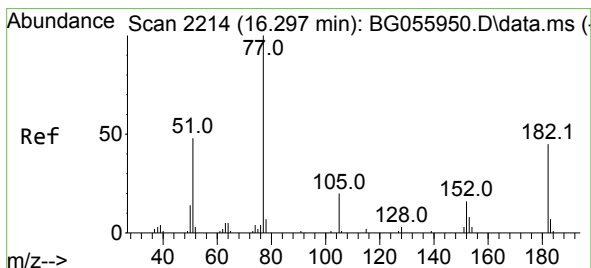
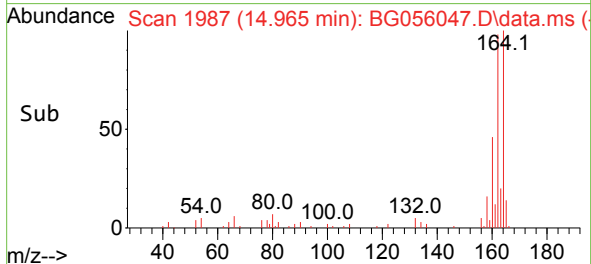
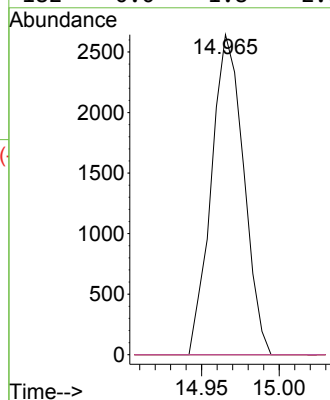
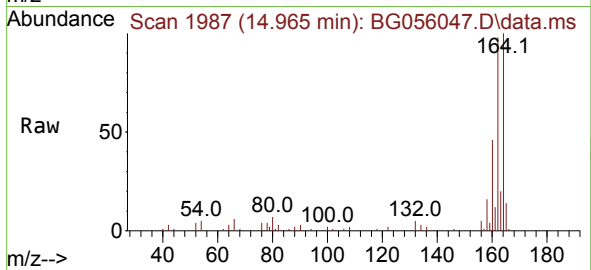
Tgt Ion:165 Resp: 3824
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





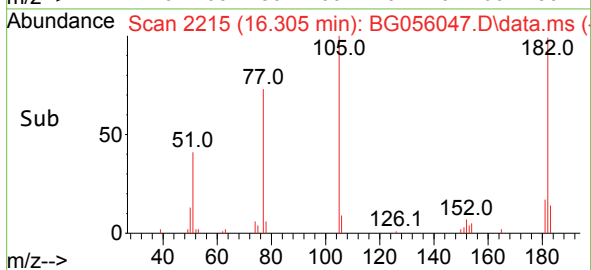
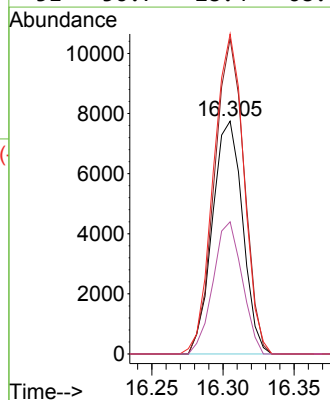
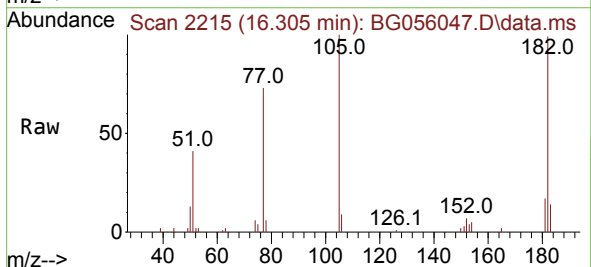
#57
2,4-Dinitrotoluene
Concen: 6.416 ng
RT: 14.965 min Scan# 1987
Delta R.T. -0.350 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

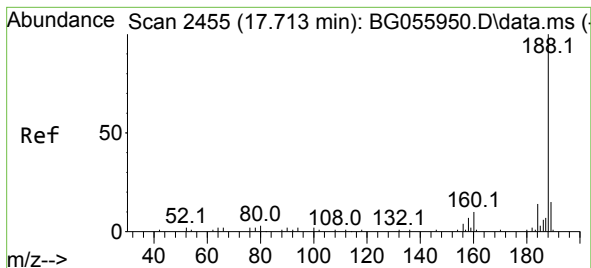
Tgt Ion:165	Resp:	3824
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.6 39.8#
89	0.0	40.1 60.1#
182	0.0	1.8 2.6#



#63
Azobenzene
Concen: 7.550 ng
RT: 16.305 min Scan# 2215
Delta R.T. 0.014 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

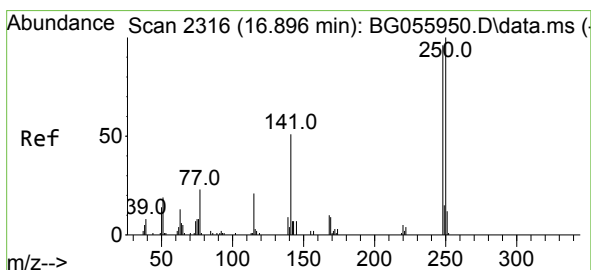
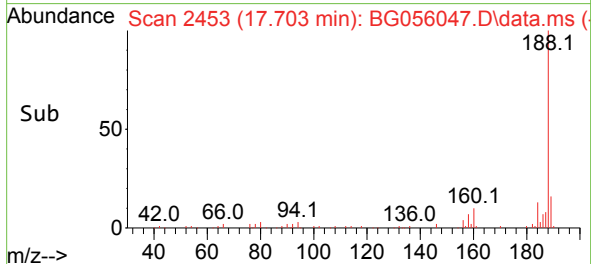
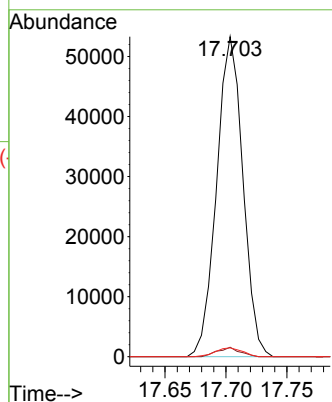
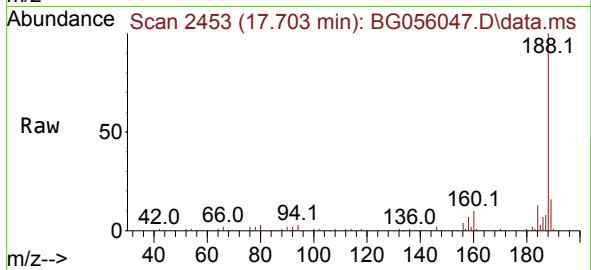
Tgt Ion: 77	Resp:	11460
Ion Ratio	Lower	Upper
77	100	
182	135.4	24.7 64.7#
105	137.4	0.3 40.3#
51	56.7	28.4 68.4





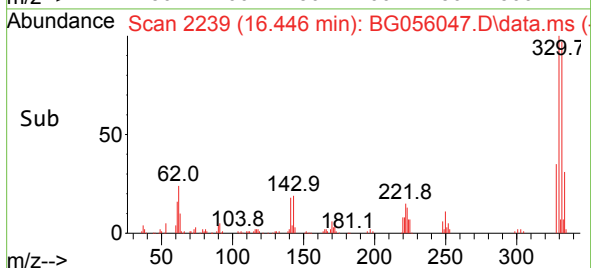
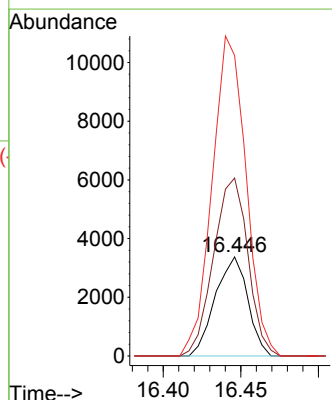
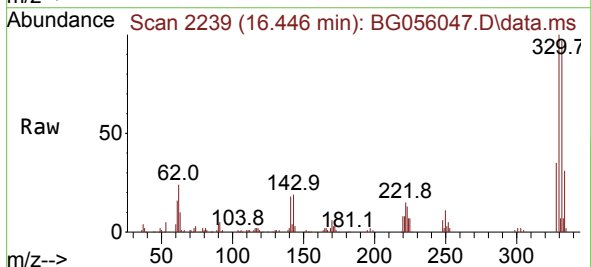
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

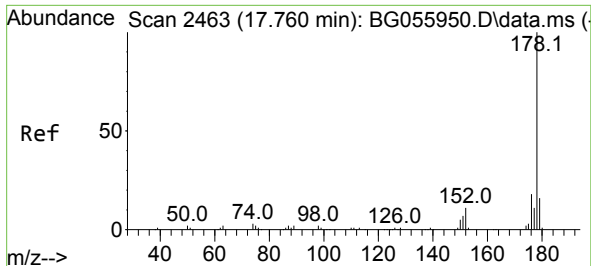
Tgt Ion:188 Resp: 80017
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 2.8 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.192 ng
RT: 16.446 min Scan# 2239
Delta R.T. -0.444 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

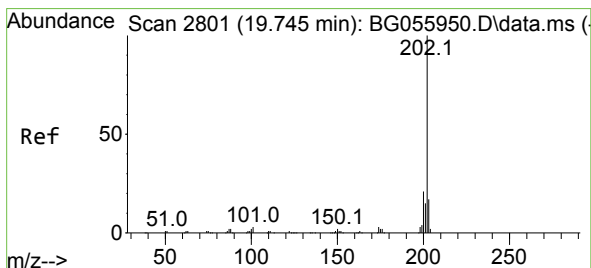
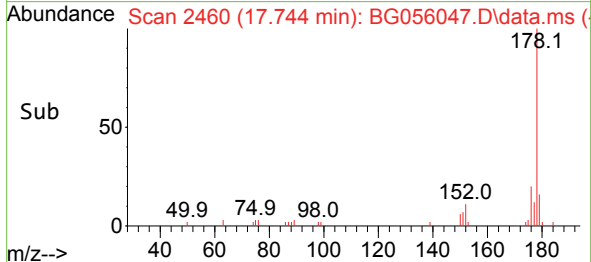
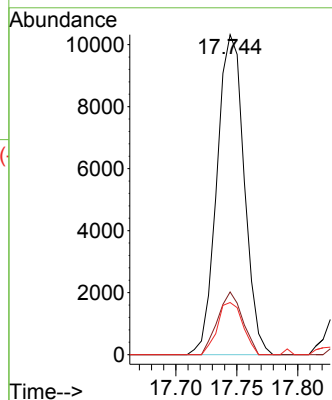
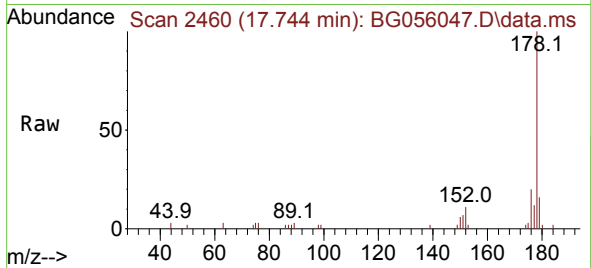
Tgt Ion:248 Resp: 4915
Ion Ratio Lower Upper
248 100
250 179.7 83.0 124.6#
141 303.5 42.6 64.0#





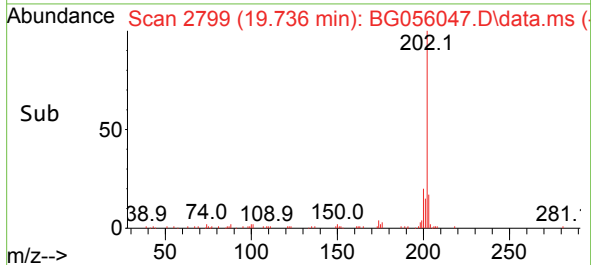
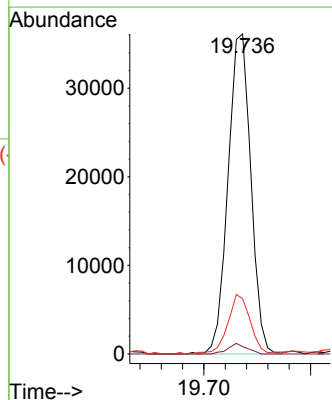
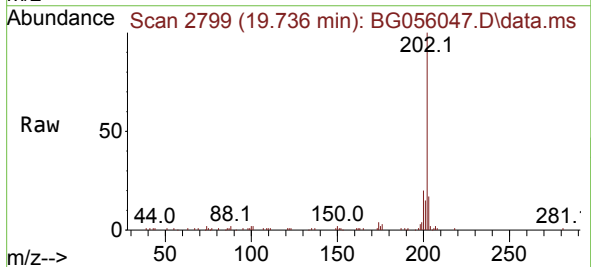
#71
Phenanthrene
Concen: 3.826 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

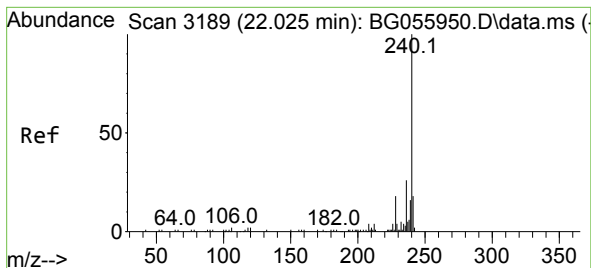
Tgt Ion:178 Resp: 16044
Ion Ratio Lower Upper
178 100
176 19.6 14.4 21.6
179 16.3 12.7 19.1



#75
Fluoranthene
Concen: 9.150 ng
RT: 19.736 min Scan# 2799
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

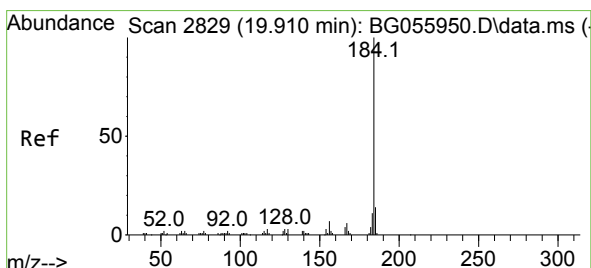
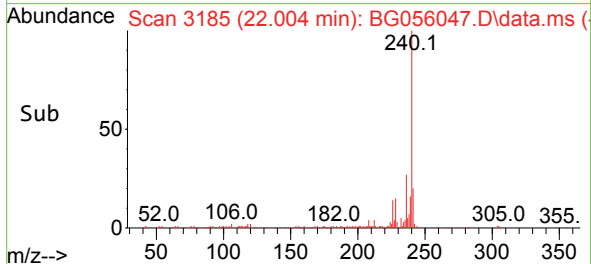
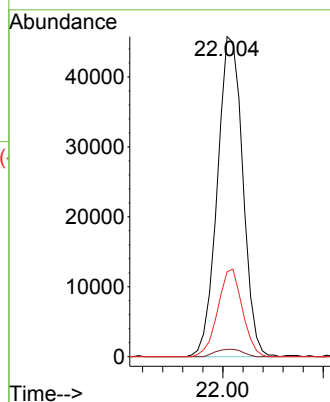
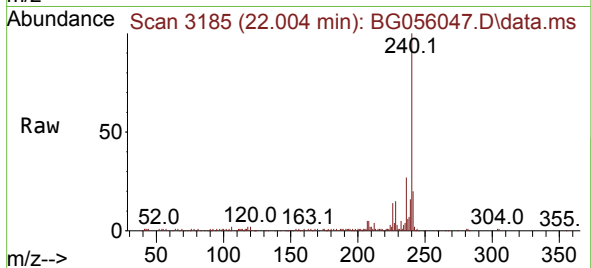
Tgt Ion:202 Resp: 53726
Ion Ratio Lower Upper
202 100
101 2.3 0.0 22.6
203 17.3 0.0 37.1





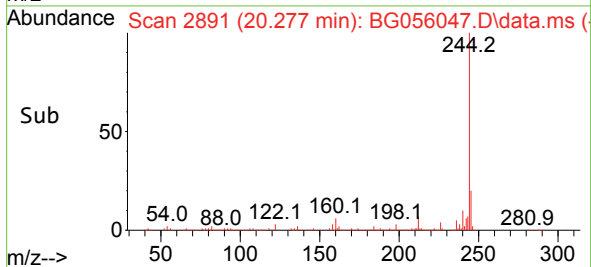
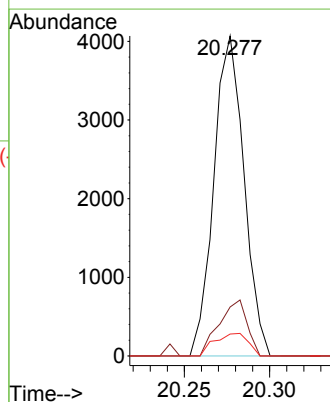
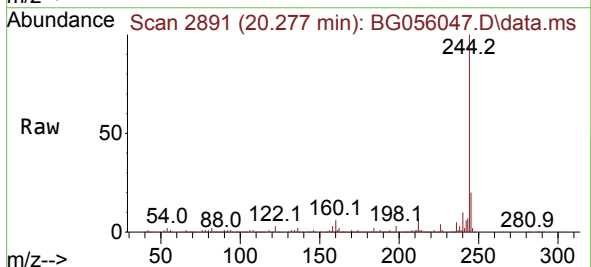
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.004 min Scan# 3185
Delta R.T. -0.009 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

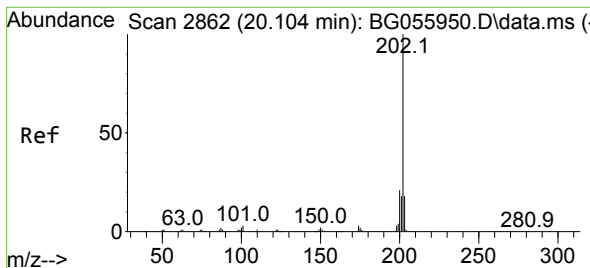
Tgt Ion:240 Resp: 80452
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.6 21.1 31.7



#77
Benzidine
Concen: 3.541 ng
RT: 20.277 min Scan# 2891
Delta R.T. 0.373 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

Tgt Ion:184 Resp: 5003
Ion Ratio Lower Upper
184 100
185 15.3 10.9 16.3
183 6.9 9.2 13.8#





#78

Pyrene

Concen: 12.009 ng

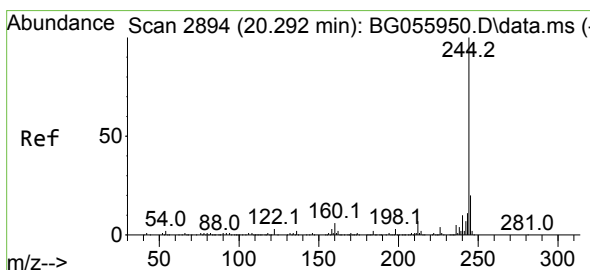
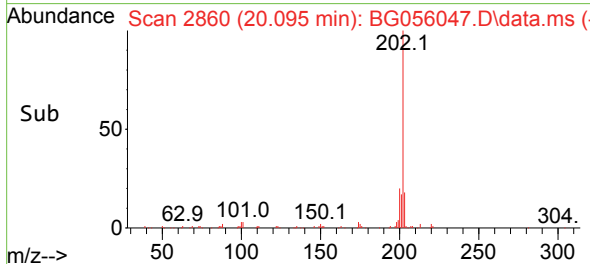
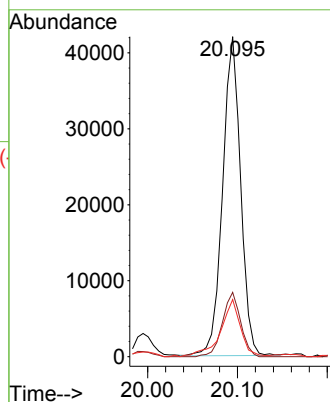
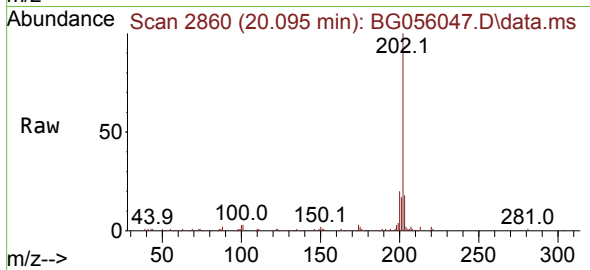
RT: 20.095 min Scan# 2860

Delta R.T. -0.003 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

Tgt Ion:	202	Resp:	58462
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.7	25.1
203	17.8	14.6	21.8



#79

Terphenyl-d14

Concen: 69.715 ng

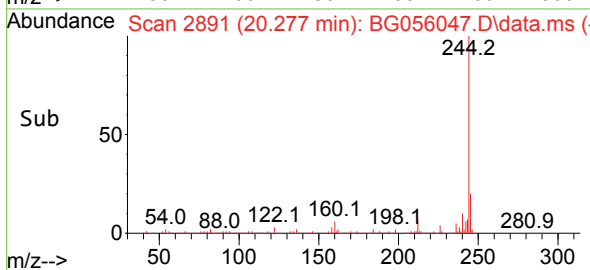
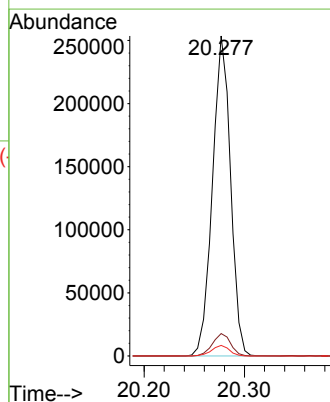
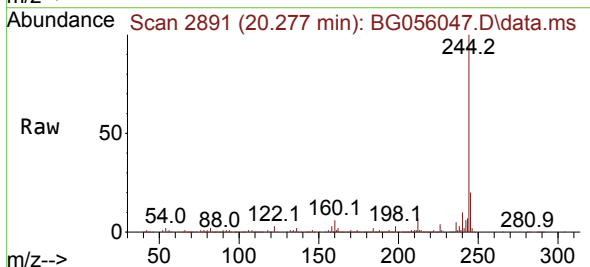
RT: 20.277 min Scan# 2891

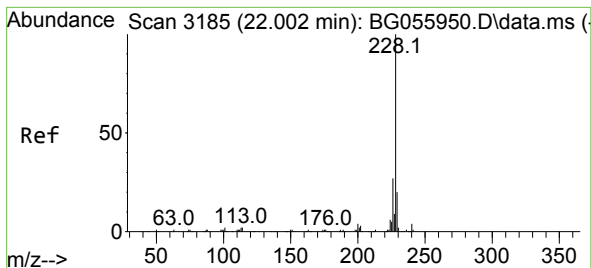
Delta R.T. -0.003 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

Tgt Ion:	244	Resp:	317343
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.6
122	3.3	2.5	3.7





#81

Benzo(a)anthracene

Concen: 7.129 ng

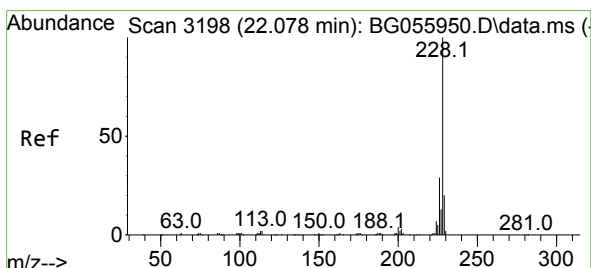
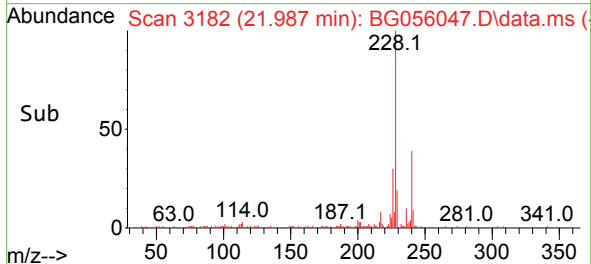
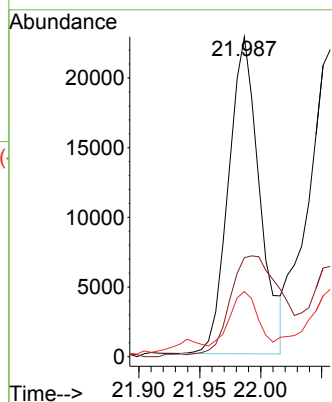
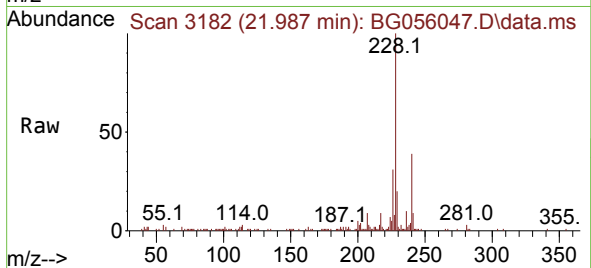
RT: 21.987 min Scan# 3182

Delta R.T. -0.009 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

Tgt Ion:228	Resp:	40361
Ion Ratio	Lower	Upper
228	100	
226	31.0	21.8 32.6
229	20.4	15.9 23.9



#83

Chrysene

Concen: 8.327 ng

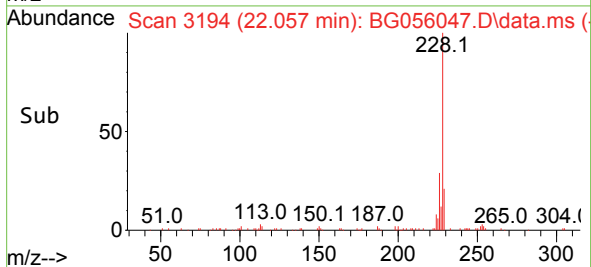
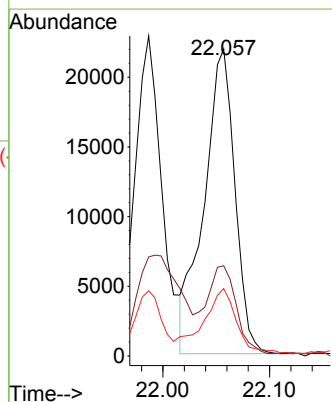
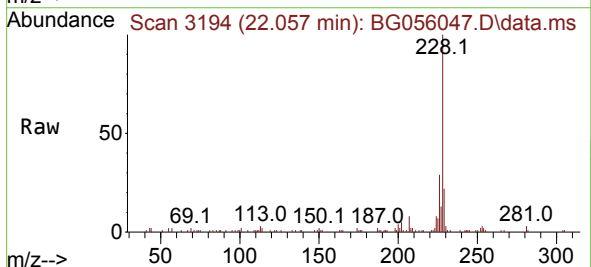
RT: 22.057 min Scan# 3194

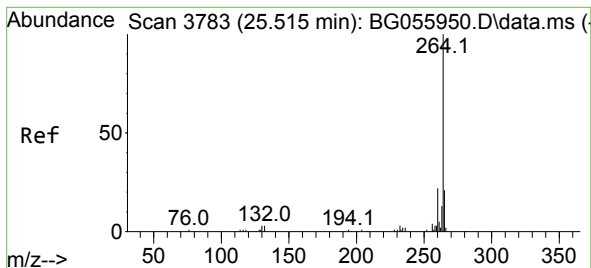
Delta R.T. -0.009 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

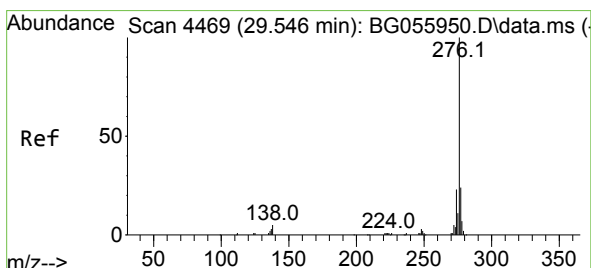
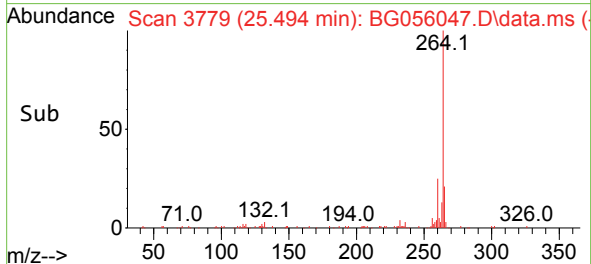
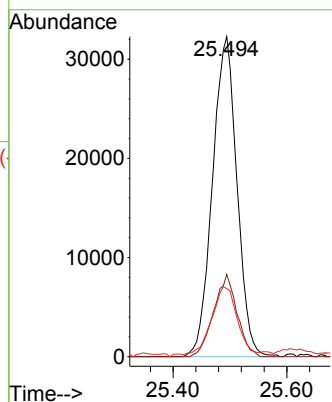
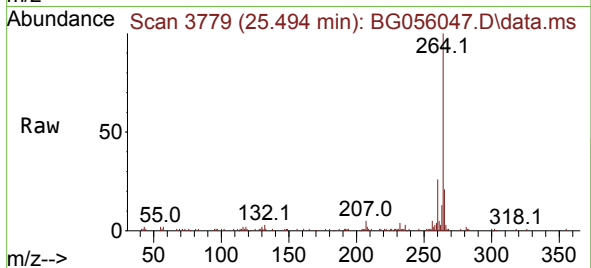
Tgt Ion:228	Resp:	44180
Ion Ratio	Lower	Upper
228	100	
226	29.4	23.1 34.7
229	21.9	15.7 23.5





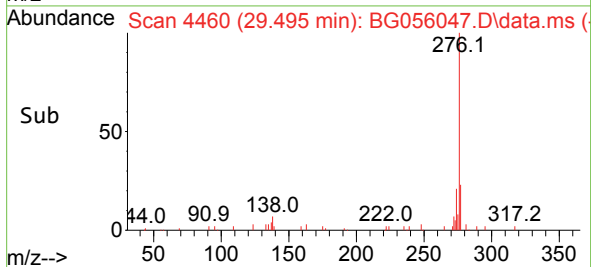
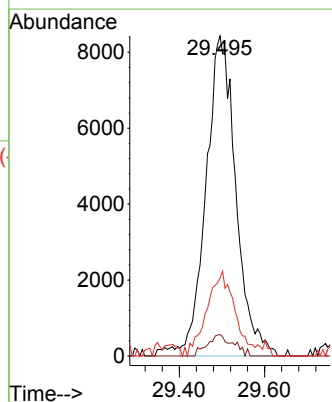
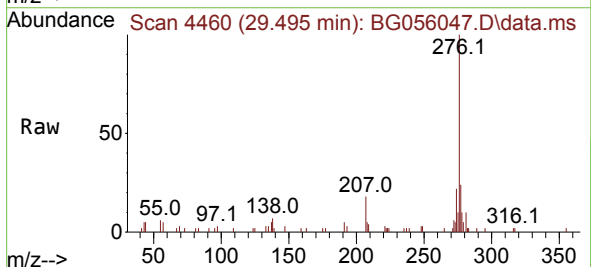
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.494 min Scan# 3779
Delta R.T. -0.003 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

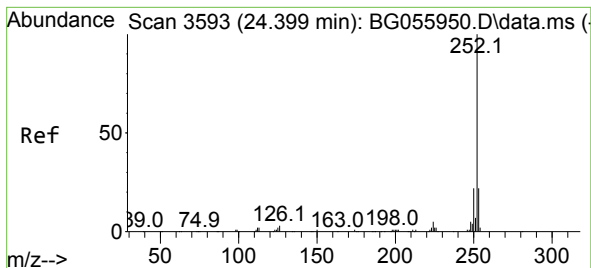
Tgt Ion:264	Resp:	96313
Ion Ratio	Lower	Upper
264	100	
260	25.7	17.8 26.8
265	21.2	16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.247 ng
RT: 29.495 min Scan# 4460
Delta R.T. -0.027 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

Tgt Ion:276	Resp:	40638
Ion Ratio	Lower	Upper
276	100	
138	5.8	3.0 4.4#
277	25.6	20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 10.749 ng

RT: 24.384 min Scan# 3590

Delta R.T. -0.003 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

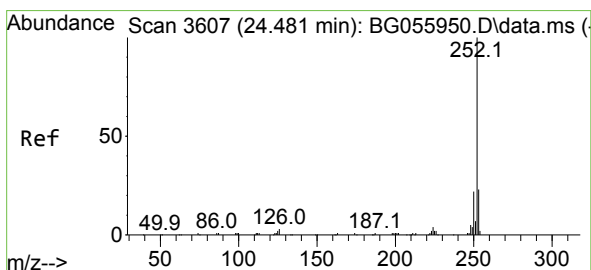
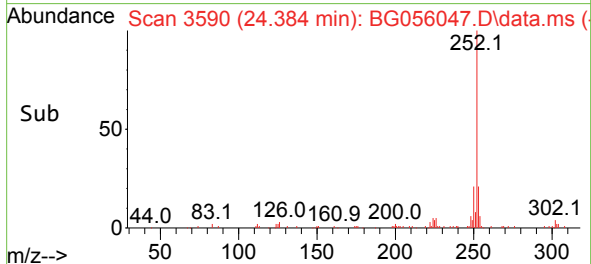
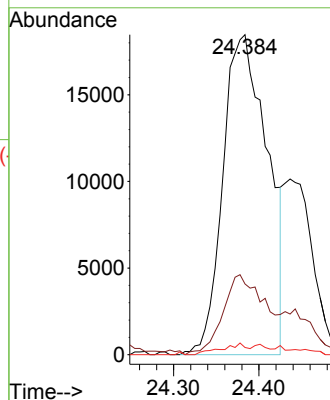
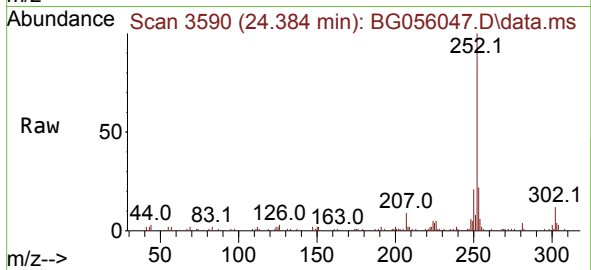
Tgt Ion:252 Resp: 66999

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 2.3 1.8 2.8



#89

Benzo(k)fluoranthene

Concen: 10.773 ng

RT: 24.384 min Scan# 3590

Delta R.T. -0.080 min

Lab File: BG056047.D

Acq: 21 Dec 2022 13:58

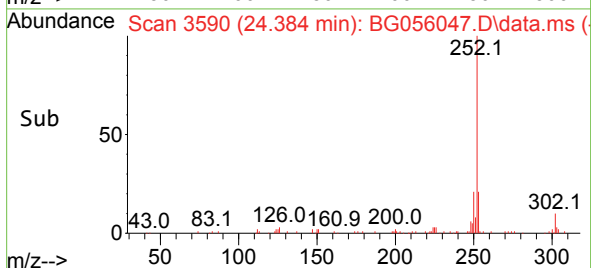
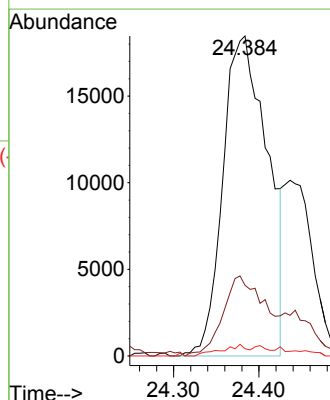
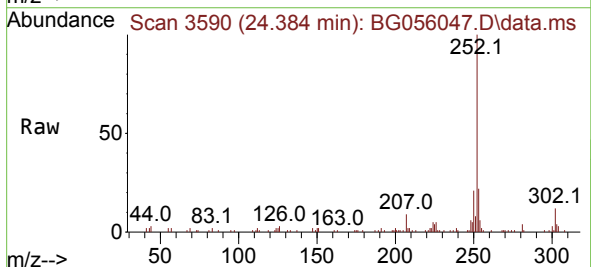
Tgt Ion:252 Resp: 66999

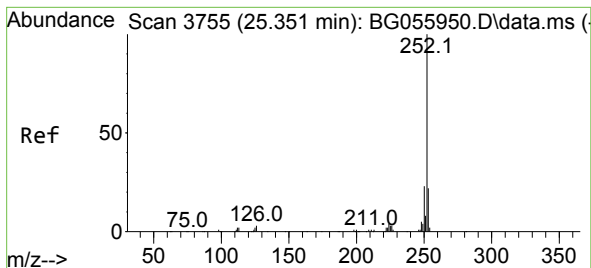
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

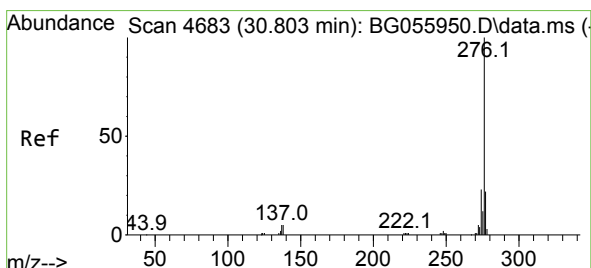
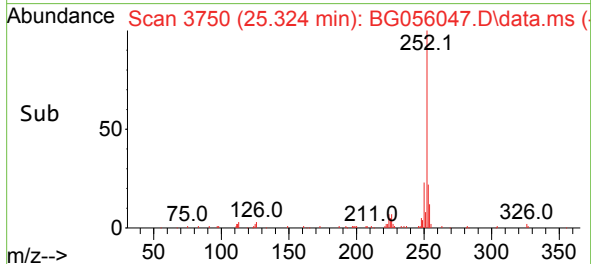
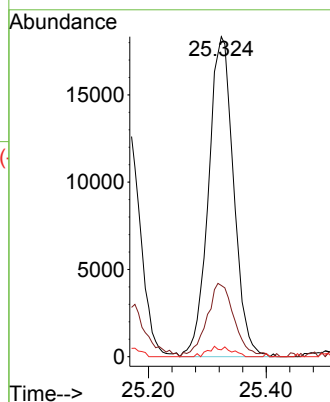
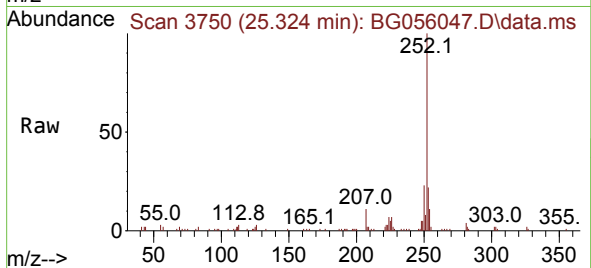
125 2.3 2.0 3.0





#90
Benzo(a)pyrene
Concen: 10.308 ng
RT: 25.324 min Scan# 3750
Delta R.T. -0.009 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	2.1	1.9	2.9



#92
Benzo(g,h,i)perylene
Concen: 6.598 ng
RT: 30.764 min Scan# 4676
Delta R.T. -0.027 min
Lab File: BG056047.D
Acq: 21 Dec 2022 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.6
138	6.4	3.8	5.6

