

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056036.D
 Acq On : 20 Dec 2022 19:10
 Operator : CG/JU
 Sample : N6129-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 21 02:40:15 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

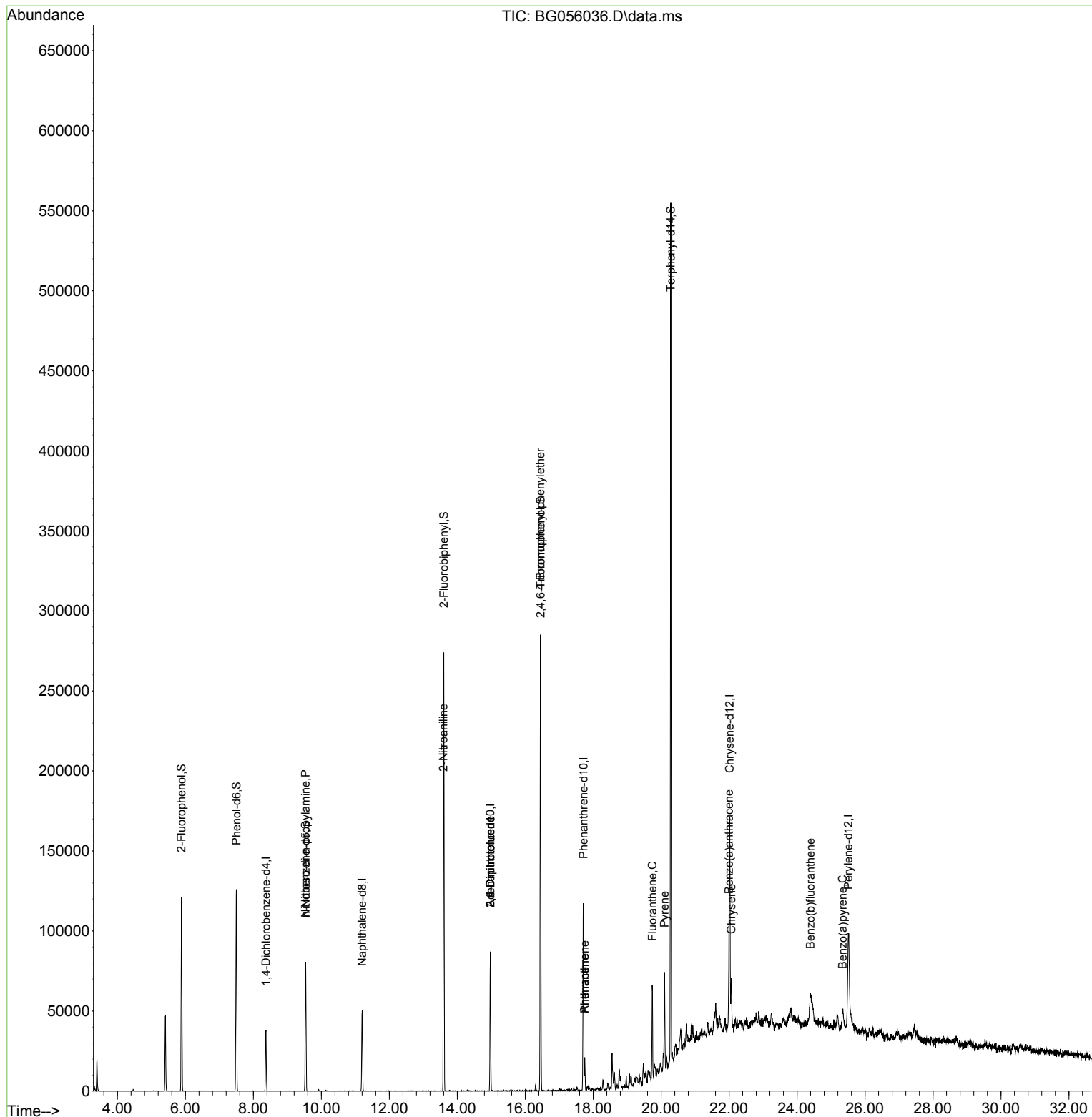
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

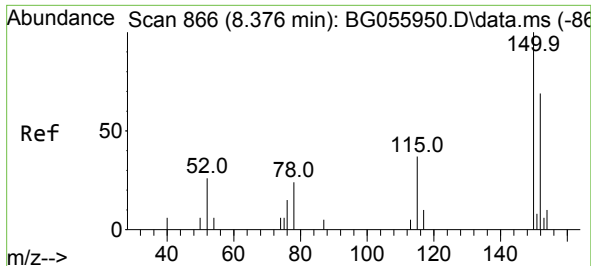
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	12006	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	44729	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	33655	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	86030	20.000	ng	0.00
76) Chrysene-d12	22.019	240	88152	20.000	ng	0.00
86) Perylene-d12	25.509	264	96225	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	49377	96.450	ng	0.00
7) Phenol-d6	7.500	99	61968	94.115	ng	0.00
23) Nitrobenzene-d5	9.539	82	42255	66.017	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	76984	94.864	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	151047	62.945	ng	0.00
79) Terphenyl-d14	20.285	244	294394	59.024	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.539	70	6531	13.838	ng	# 67
48) 2-Nitroaniline	13.593	65	57	2.961	ng	# 1
51) 2,6-Dinitrotoluene	14.974	165	4395	9.761	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	4395	6.466	ng	# 35
67) 4-Bromophenyl-phenylether	16.449	248	4130	3.276	ng	# 1
71) Phenanthrene	17.753	178	14901	3.305	ng	97
72) Anthracene	17.753	178	14901	3.341	ng	96
75) Fluoranthene	19.739	202	40569	6.426	ng	97
78) Pyrene	20.103	202	42521	7.971	ng	97
81) Benzo(a)anthracene	21.995	228	25106	4.047	ng	96
83) Chrysene	22.066	228	25631	4.409	ng	97
88) Benzo(b)fluoranthene	24.392	252	25453	4.087	ng	# 82
90) Benzo(a)pyrene	25.344	252	16357	3.107	ng	# 94

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

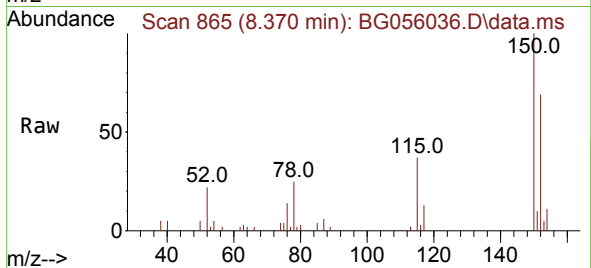
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056036.D
Acq On : 20 Dec 2022 19:10
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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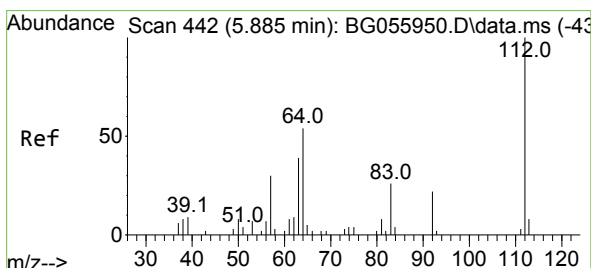
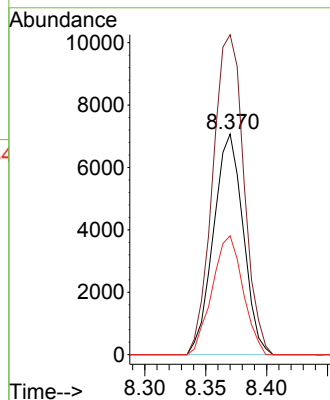
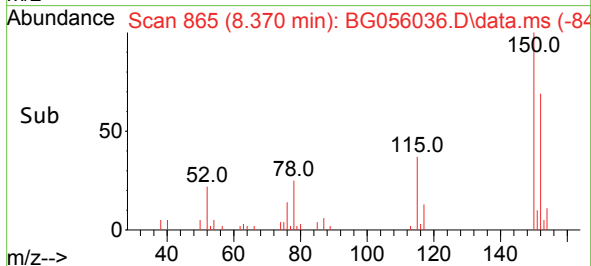




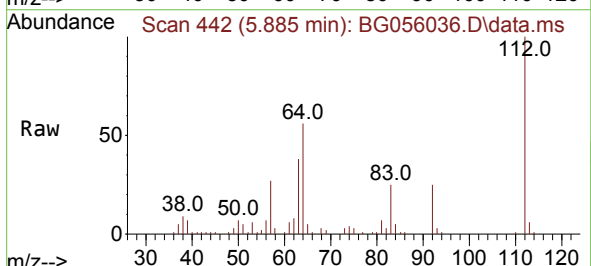
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 865
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10



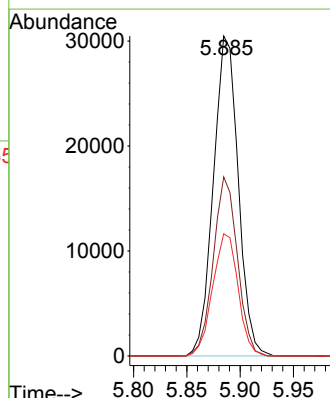
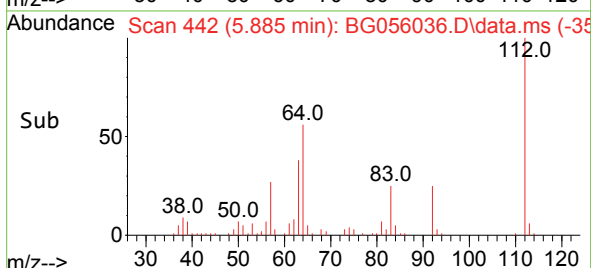
Tgt Ion:152 Resp: 12006
Ion Ratio Lower Upper
152 100
150 145.0 115.7 173.5
115 53.9 43.0 64.4

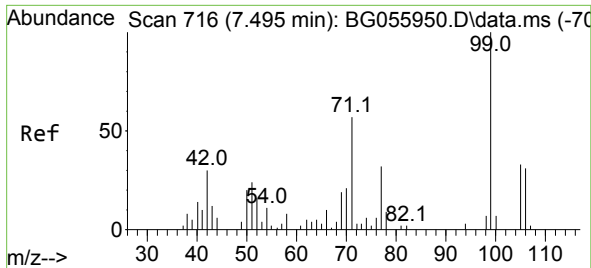


#5
2-Fluorophenol
Concen: 96.450 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10



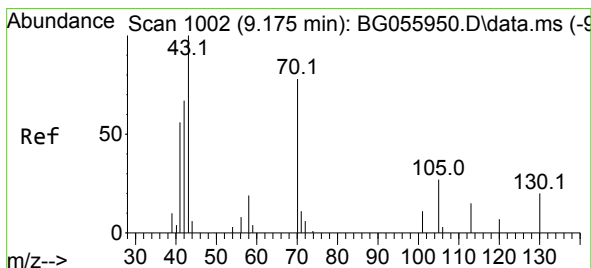
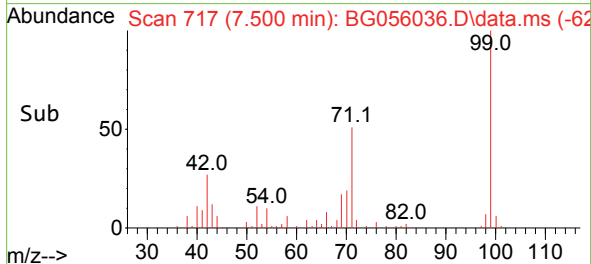
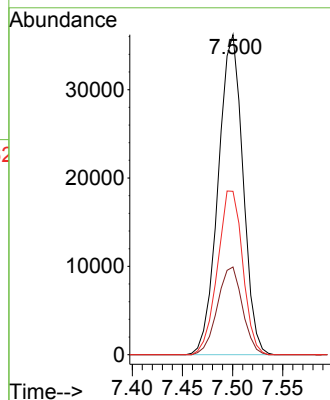
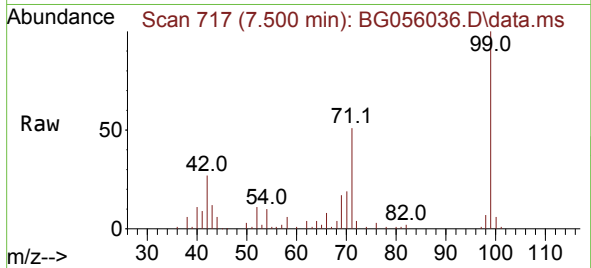
Tgt Ion:112 Resp: 49377
Ion Ratio Lower Upper
112 100
64 56.0 43.0 64.4
63 38.2 31.4 47.2





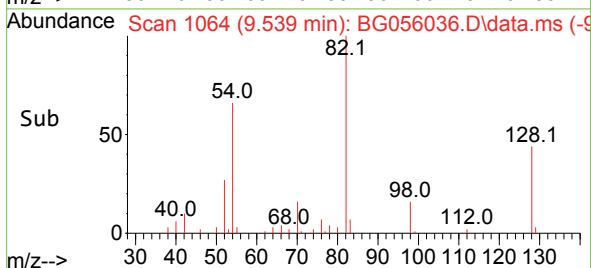
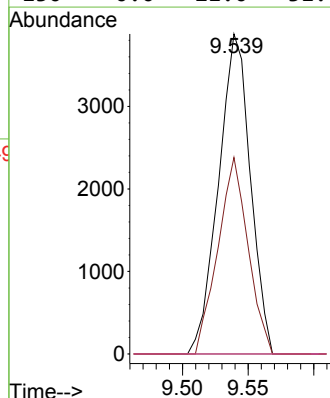
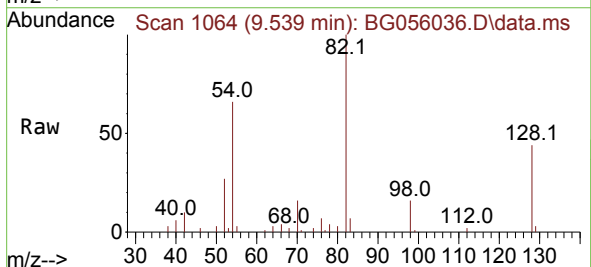
#7
Phenol-d6
Concen: 94.115 ng
RT: 7.500 min Scan# 717
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

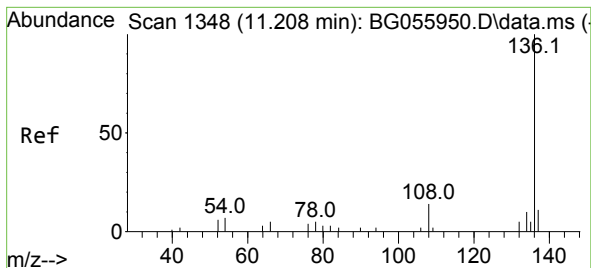
Tgt Ion: 99 Resp: 61968
Ion Ratio Lower Upper
99 100
42 27.4 24.3 36.5
71 51.1 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.838 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.369 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

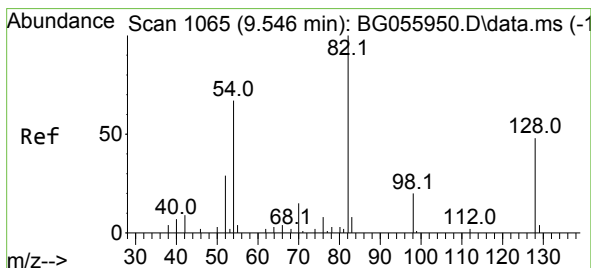
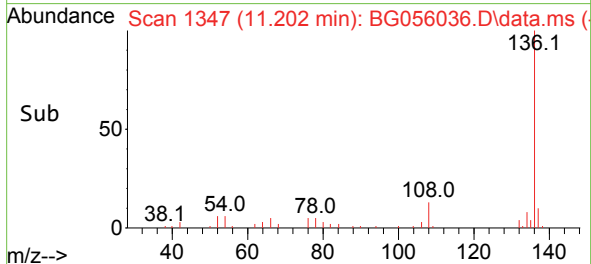
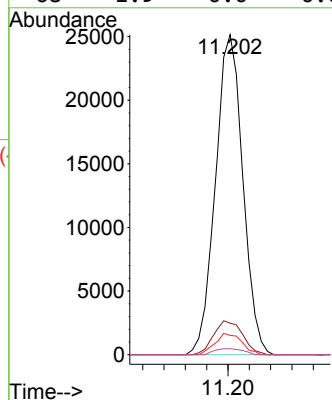
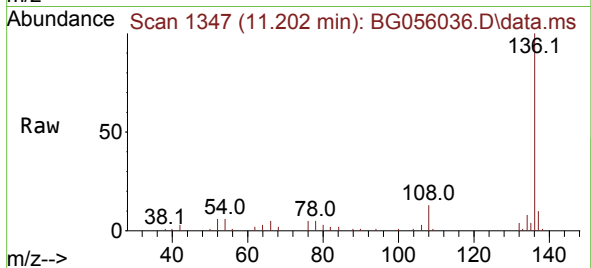
Tgt Ion: 70 Resp: 6531
Ion Ratio Lower Upper
70 100
42 61.4 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#





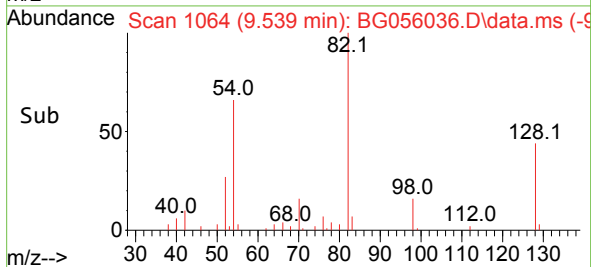
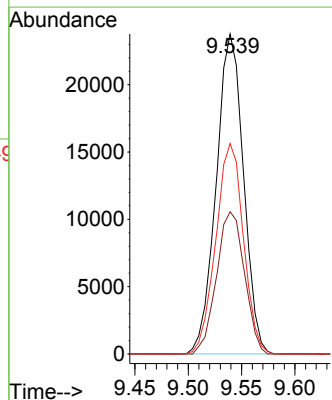
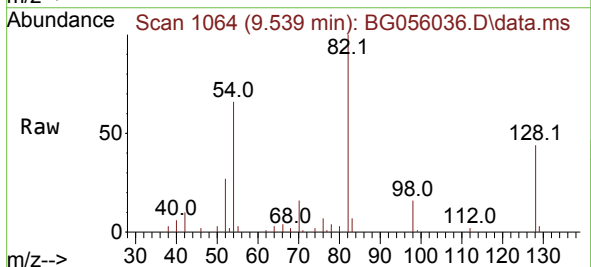
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

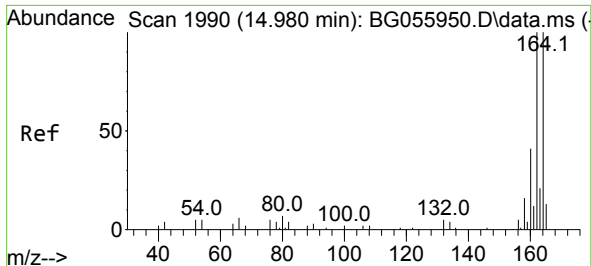
Tgt Ion:136	Resp:	44729
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.2 13.8
54	6.0	5.6 8.4
68	1.9	0.0 0.0#



#23
Nitrobenzene-d5
Concen: 66.017 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

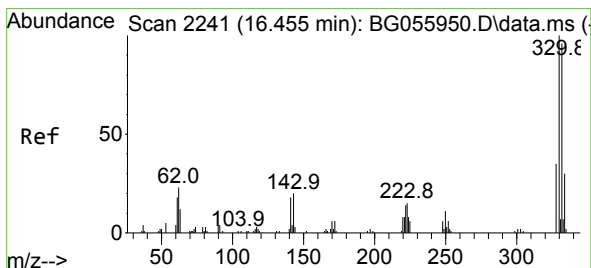
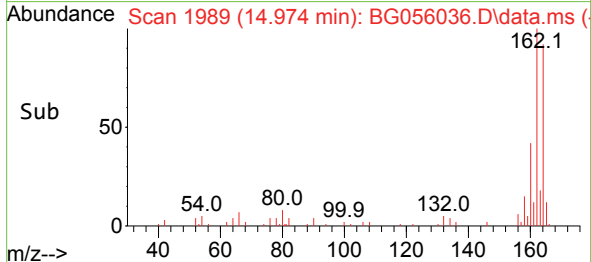
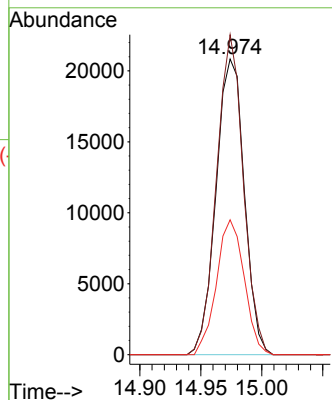
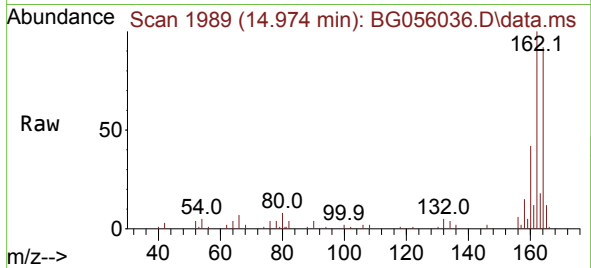
Tgt Ion: 82	Resp:	42255
Ion Ratio	Lower	Upper
82	100	
128	44.4	38.4 57.6
54	65.8	53.3 79.9





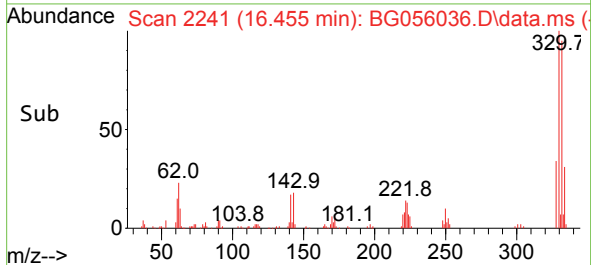
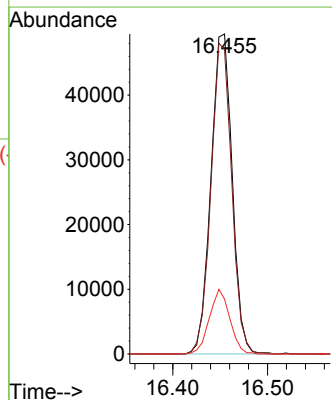
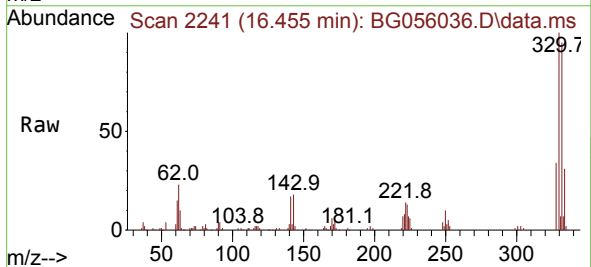
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

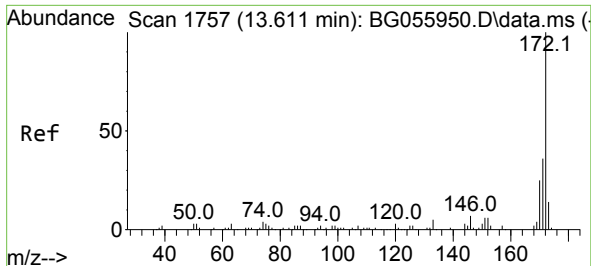
Tgt Ion:164 Resp: 33655
Ion Ratio Lower Upper
164 100
162 108.2 79.8 119.8
160 45.6 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 94.864 ng
RT: 16.455 min Scan# 2241
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

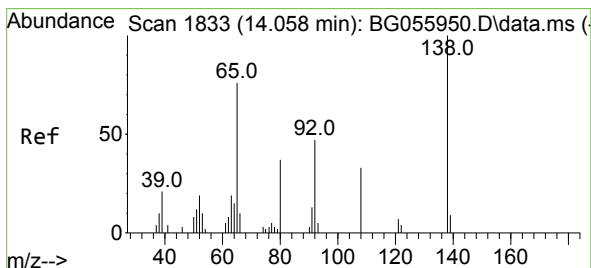
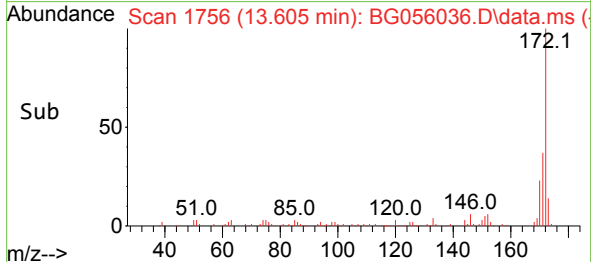
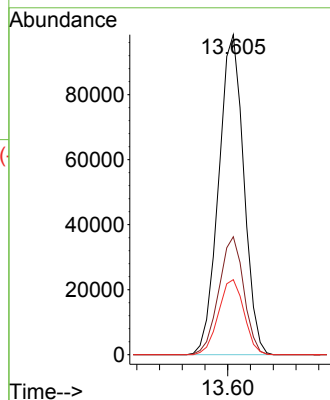
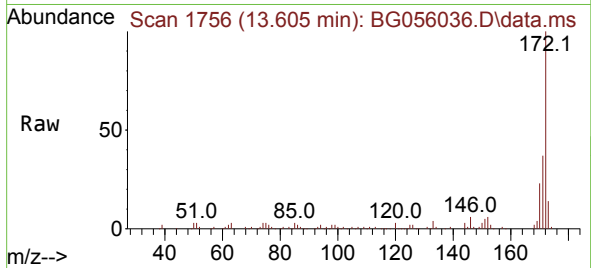
Tgt Ion:330 Resp: 76984
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 19.4 15.0 22.4





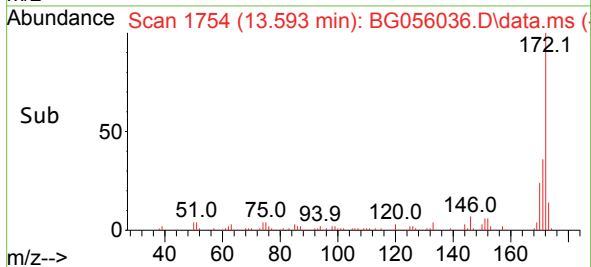
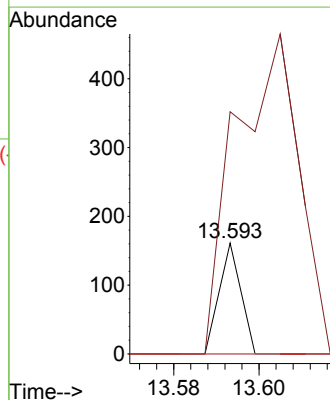
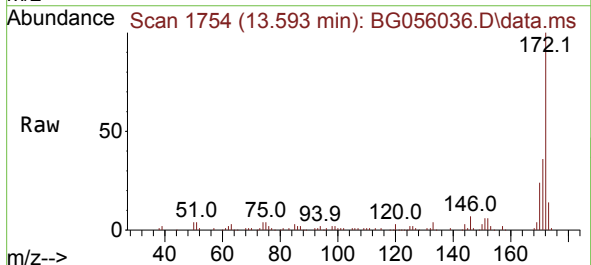
#45
2-Fluorobiphenyl
Concen: 62.945 ng
RT: 13.605 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

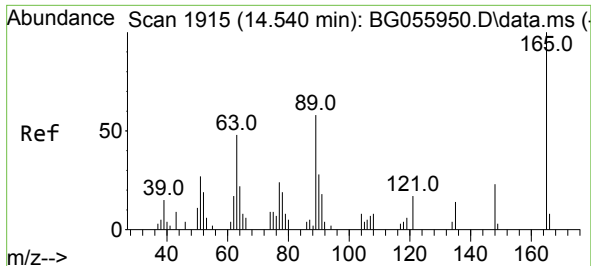
Tgt Ion:172	Resp:	151047
Ion Ratio	Lower	Upper
172	100	
171	36.9	28.6 42.8
170	23.5	19.9 29.9



#48
2-Nitroaniline
Concen: 2.961 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.459 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

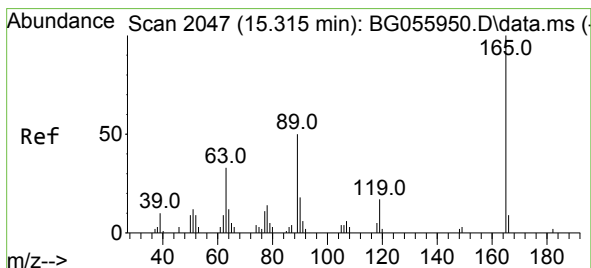
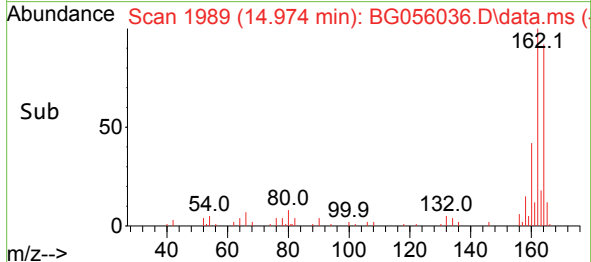
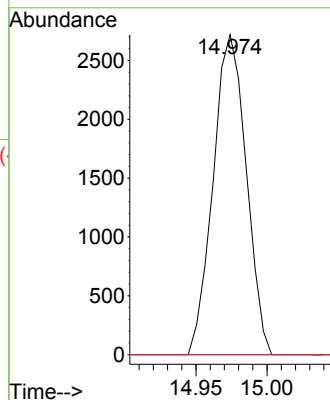
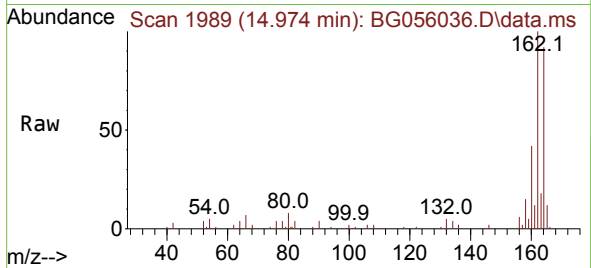
Tgt Ion: 65	Resp:	57
Ion Ratio	Lower	Upper
65	100	
92	218.6	49.7 74.5#
138	0.0	105.0 157.6#





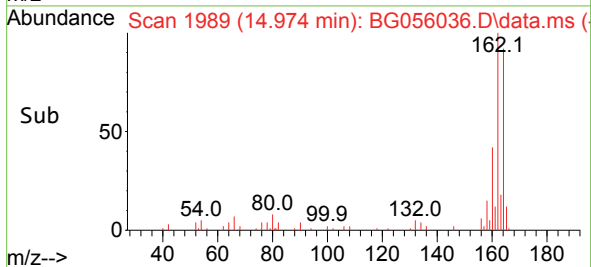
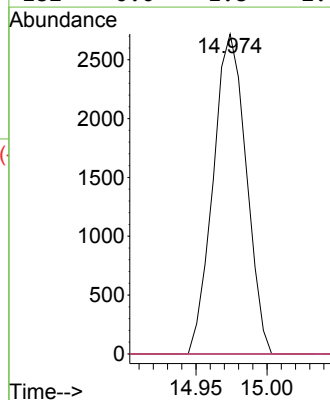
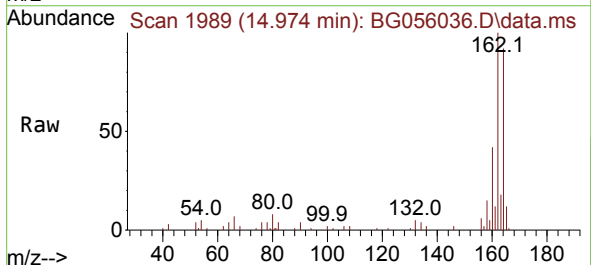
#51
2,6-Dinitrotoluene
Concen: 9.761 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.440 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

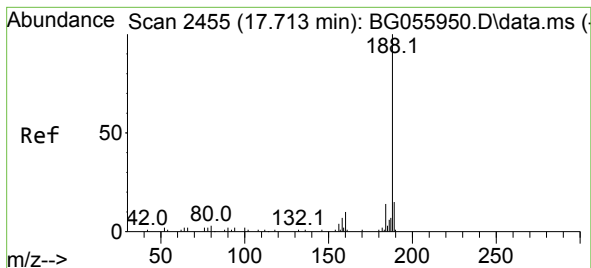
Tgt Ion:165 Resp: 4395
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

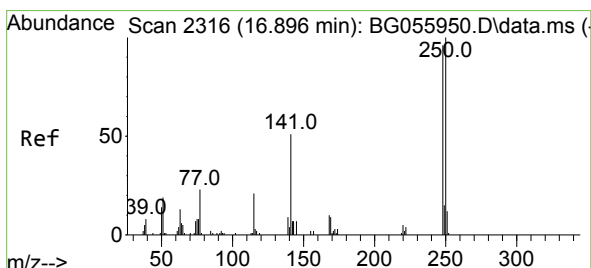
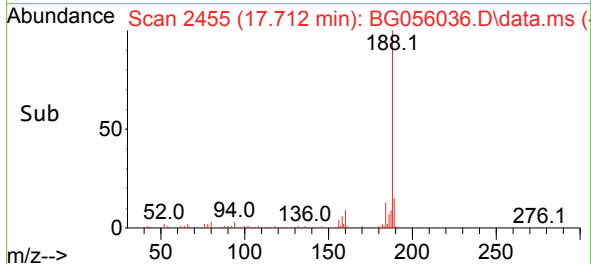
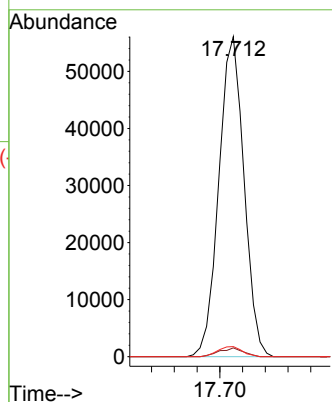
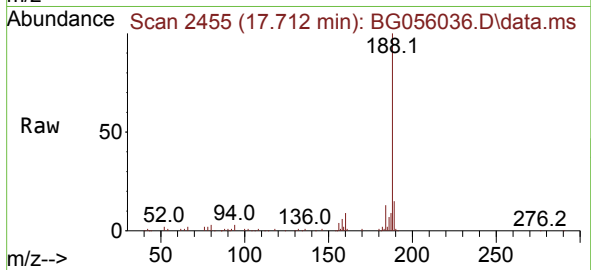
Tgt Ion:165 Resp: 4395
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#





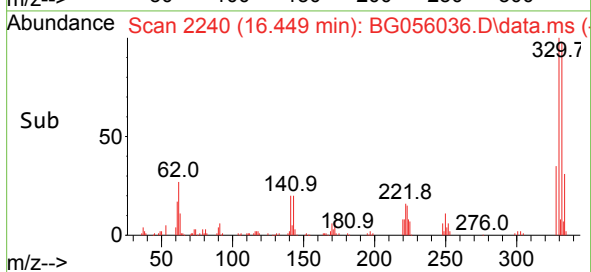
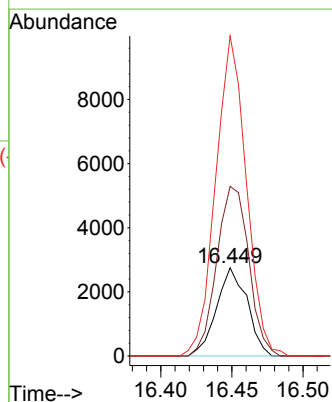
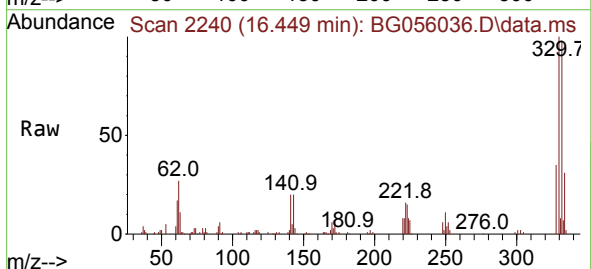
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2455
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

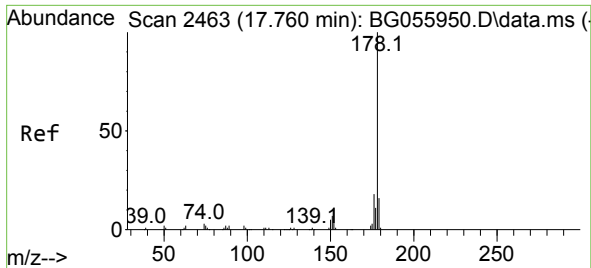
Tgt Ion:188 Resp: 86030
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 3.2 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 3.276 ng
RT: 16.449 min Scan# 2240
Delta R.T. -0.441 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

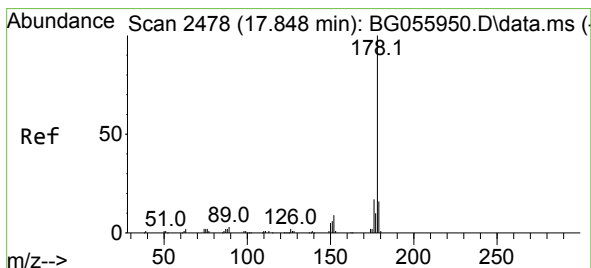
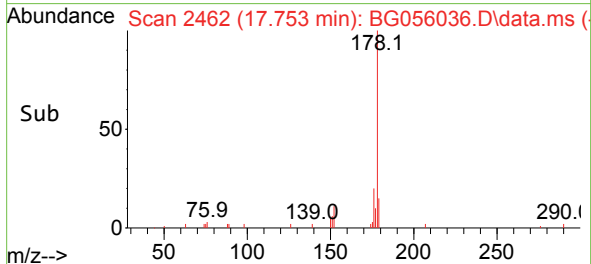
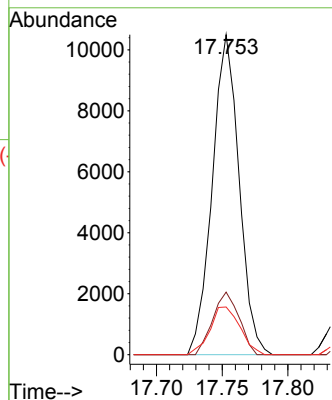
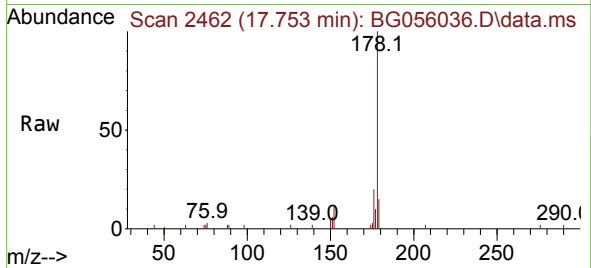
Tgt Ion:248 Resp: 4130
Ion Ratio Lower Upper
248 100
250 192.5 83.0 124.6#
141 363.2 42.6 64.0#





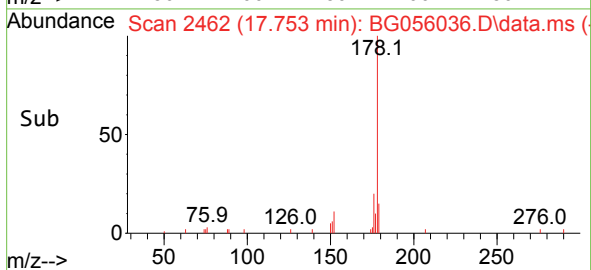
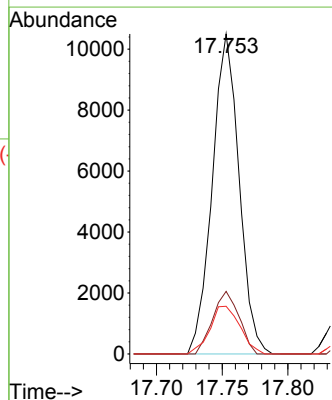
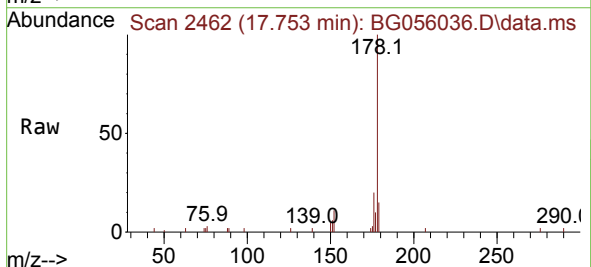
#71
Phenanthrene
Concen: 3.305 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

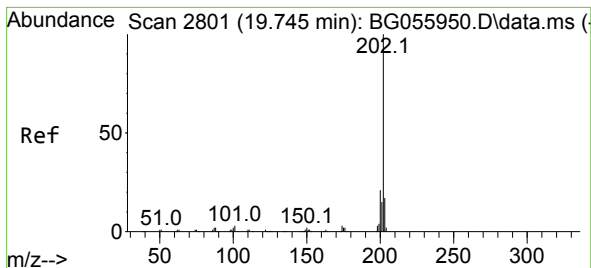
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.4	21.6
179	14.9	12.7	19.1



#72
Anthracene
Concen: 3.341 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.089 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

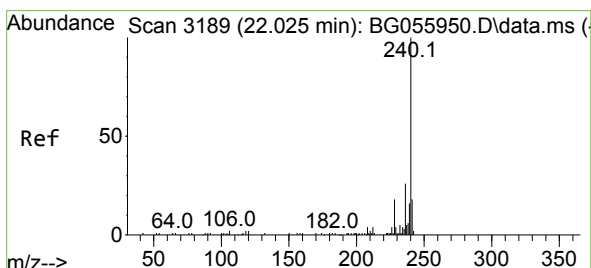
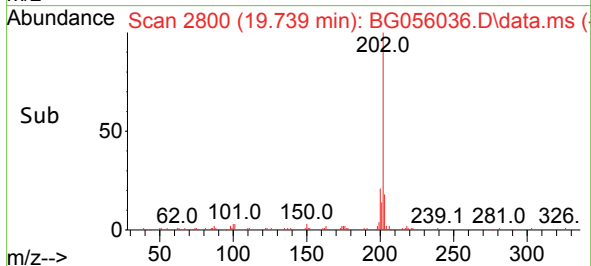
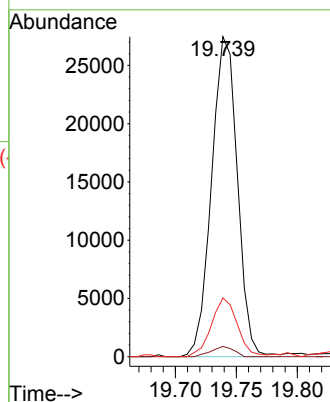
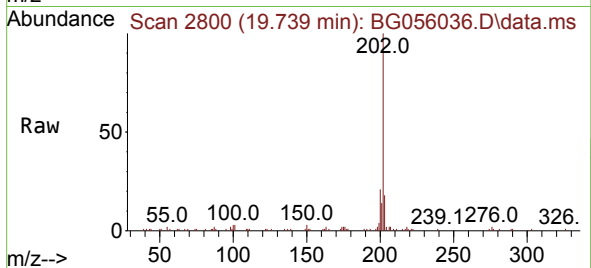
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.9	20.9
179	14.9	12.7	19.1





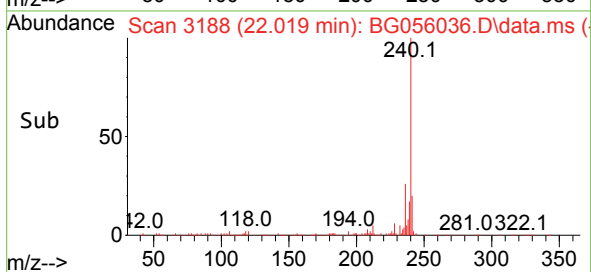
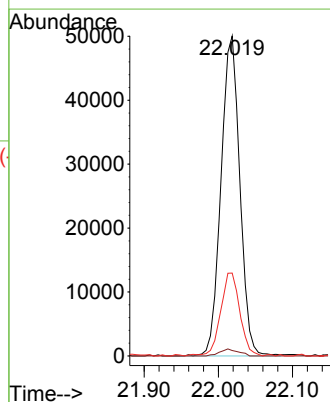
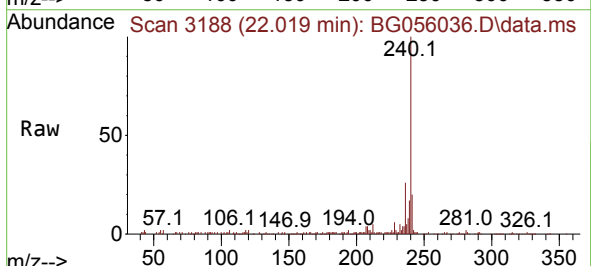
#75
Fluoranthene
Concen: 6.426 ng
RT: 19.739 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

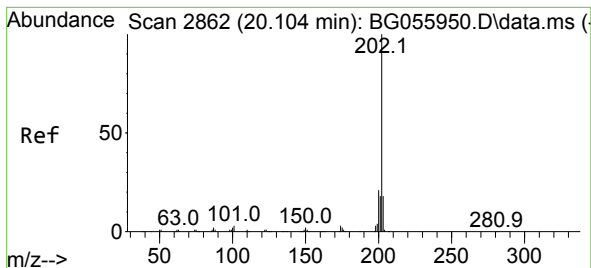
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	22.6
203	18.4	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	1.7	1.7	2.5
236	25.9	21.1	31.7





#78

Pyrene

Concen: 7.971 ng

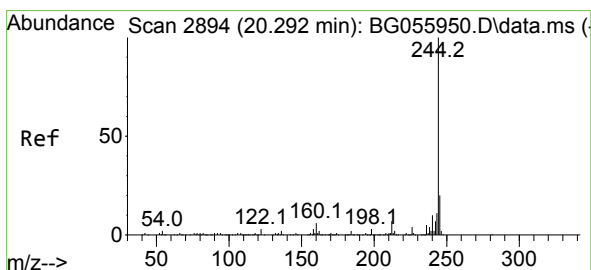
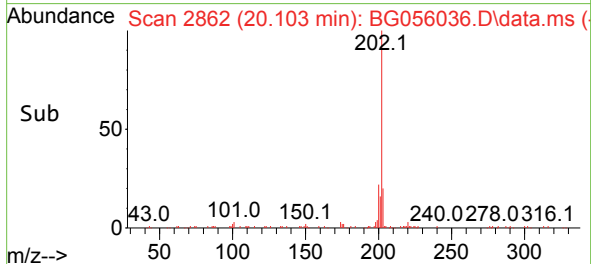
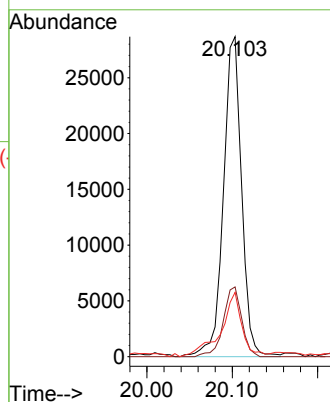
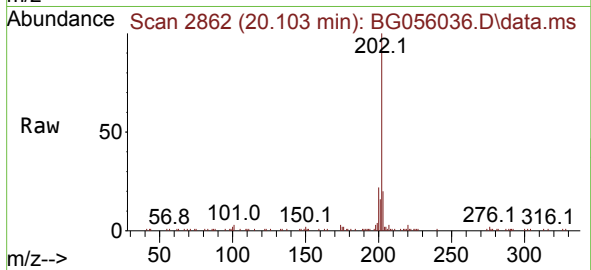
RT: 20.103 min Scan# 2862

Delta R.T. 0.005 min

Lab File: BG056036.D

Acq: 20 Dec 2022 19:10

Tgt Ion:	202	Resp:	42521
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.7	25.1
203	20.1	14.6	21.8



#79

Terphenyl-d14

Concen: 59.024 ng

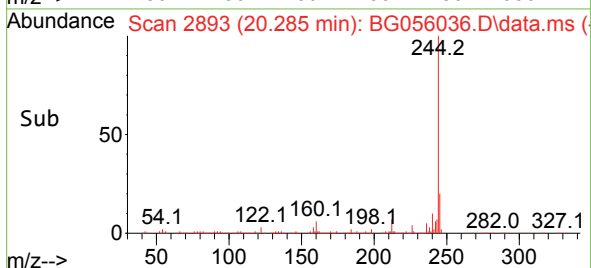
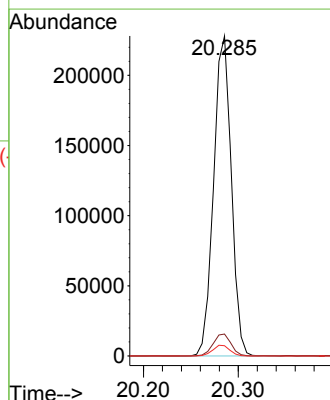
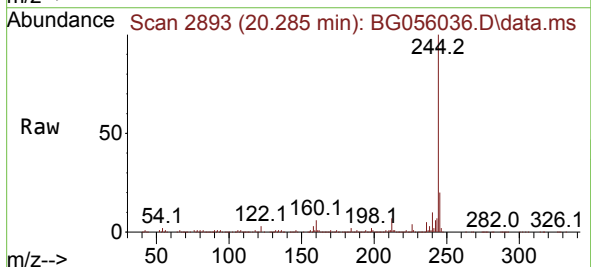
RT: 20.285 min Scan# 2893

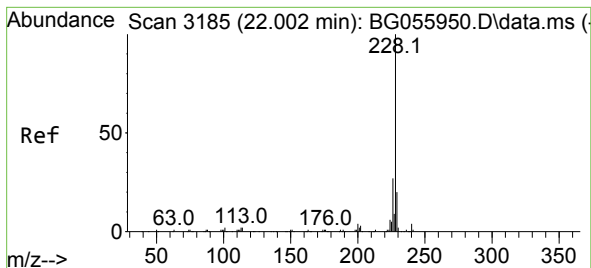
Delta R.T. 0.005 min

Lab File: BG056036.D

Acq: 20 Dec 2022 19:10

Tgt Ion:	244	Resp:	294394
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	3.2	2.5	3.7





#81

Benzo(a)anthracene

Concen: 4.047 ng

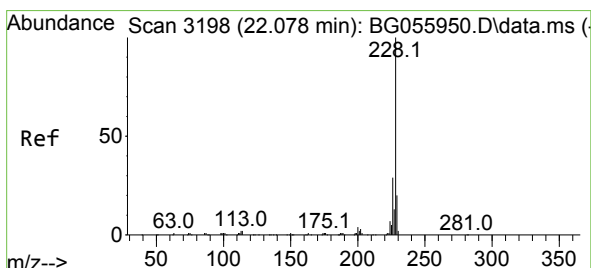
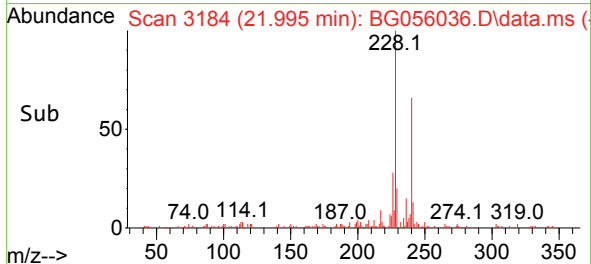
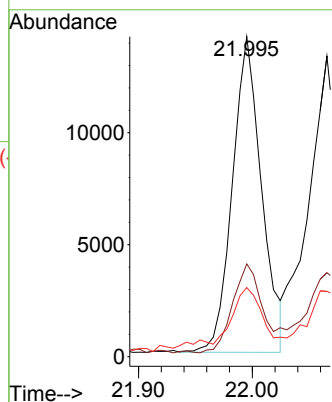
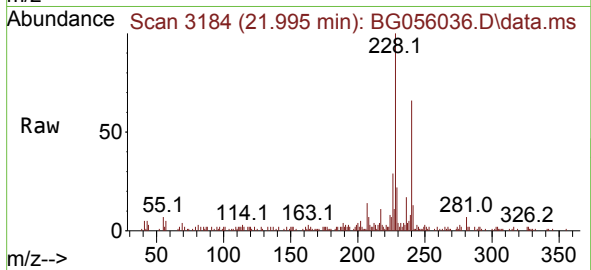
RT: 21.995 min Scan# 3184

Delta R.T. -0.001 min

Lab File: BG056036.D

Acq: 20 Dec 2022 19:10

Tgt Ion:228	Resp:	25106
Ion Ratio	Lower	Upper
228	100	
226	29.0	21.8 32.6
229	21.6	15.9 23.9



#83

Chrysene

Concen: 4.409 ng

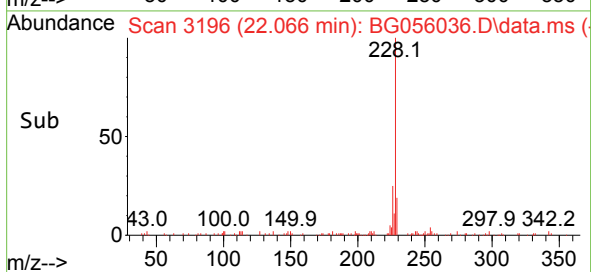
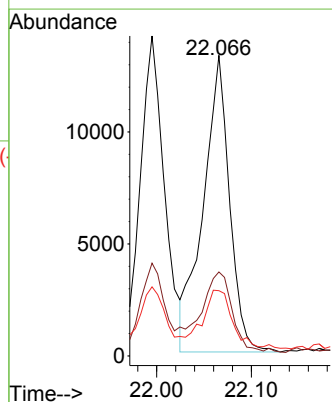
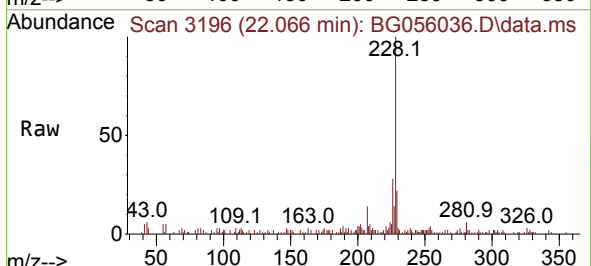
RT: 22.066 min Scan# 3196

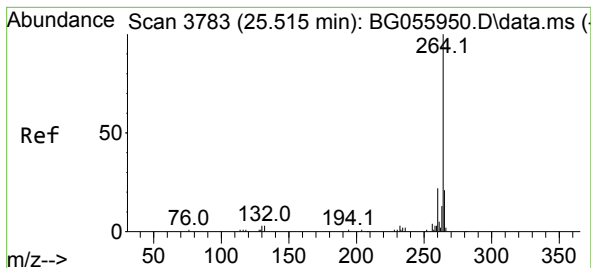
Delta R.T. -0.001 min

Lab File: BG056036.D

Acq: 20 Dec 2022 19:10

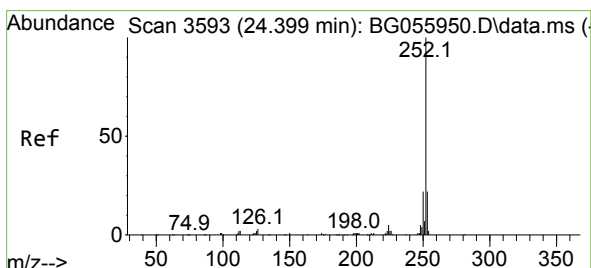
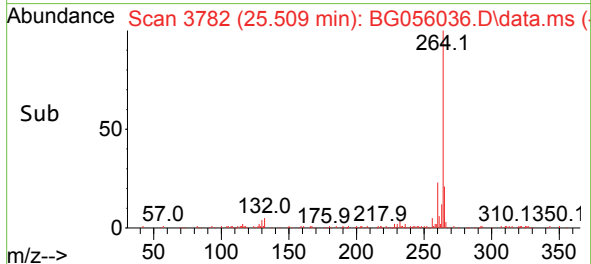
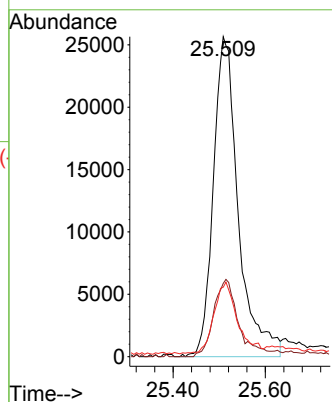
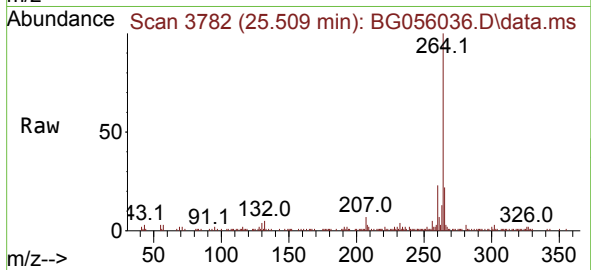
Tgt Ion:228	Resp:	25631
Ion Ratio	Lower	Upper
228	100	
226	27.9	23.1 34.7
229	21.7	15.7 23.5





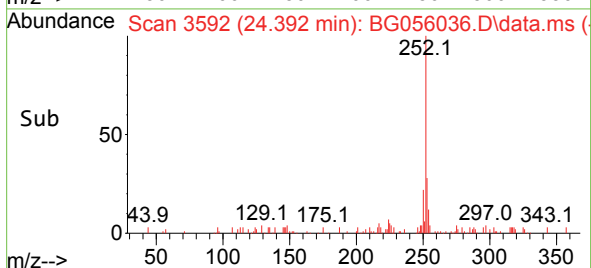
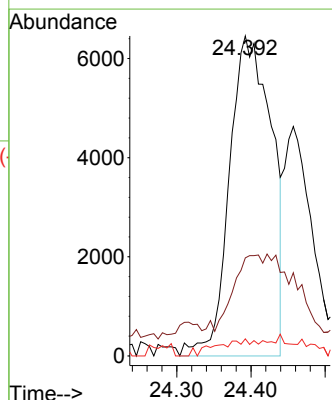
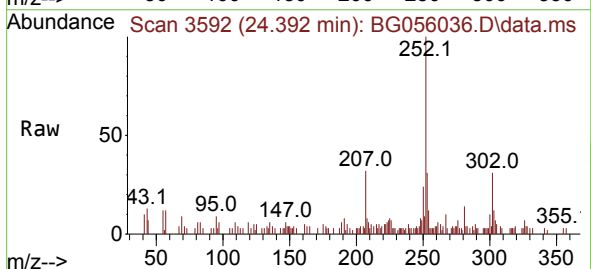
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.509 min Scan# 3782
Delta R.T. 0.011 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

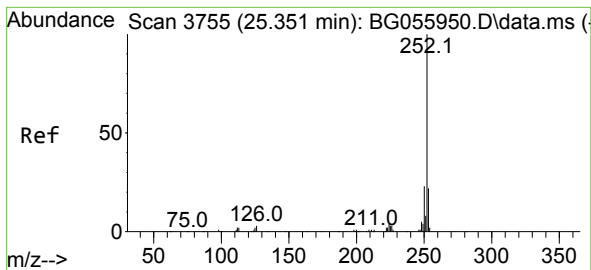
Tgt Ion:264	Resp:	96225
Ion Ratio	Lower	Upper
264	100	
260	22.9	17.8 26.8
265	21.7	16.6 25.0



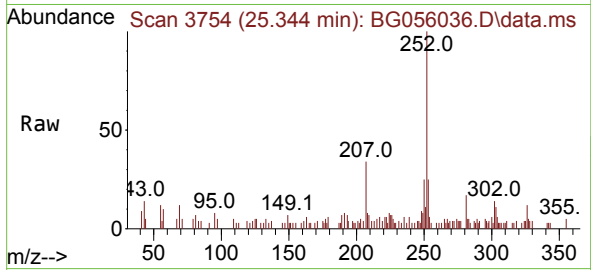
#88
Benzo(b)fluoranthene
Concen: 4.087 ng
RT: 24.392 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10

Tgt Ion:252	Resp:	25453
Ion Ratio	Lower	Upper
252	100	
253	30.7	17.4 26.0#
125	5.3	1.8 2.8#





#90
Benzo(a)pyrene
Concen: 3.107 ng
RT: 25.344 min Scan# 3754
Delta R.T. 0.011 min
Lab File: BG056036.D
Acq: 20 Dec 2022 19:10



Tgt Ion:252 Resp: 16357
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 4.7 1.9 2.9#

