

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056039.D
 Acq On : 20 Dec 2022 21:12
 Operator : CG/JU
 Sample : N6051-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 21 02:41:22 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

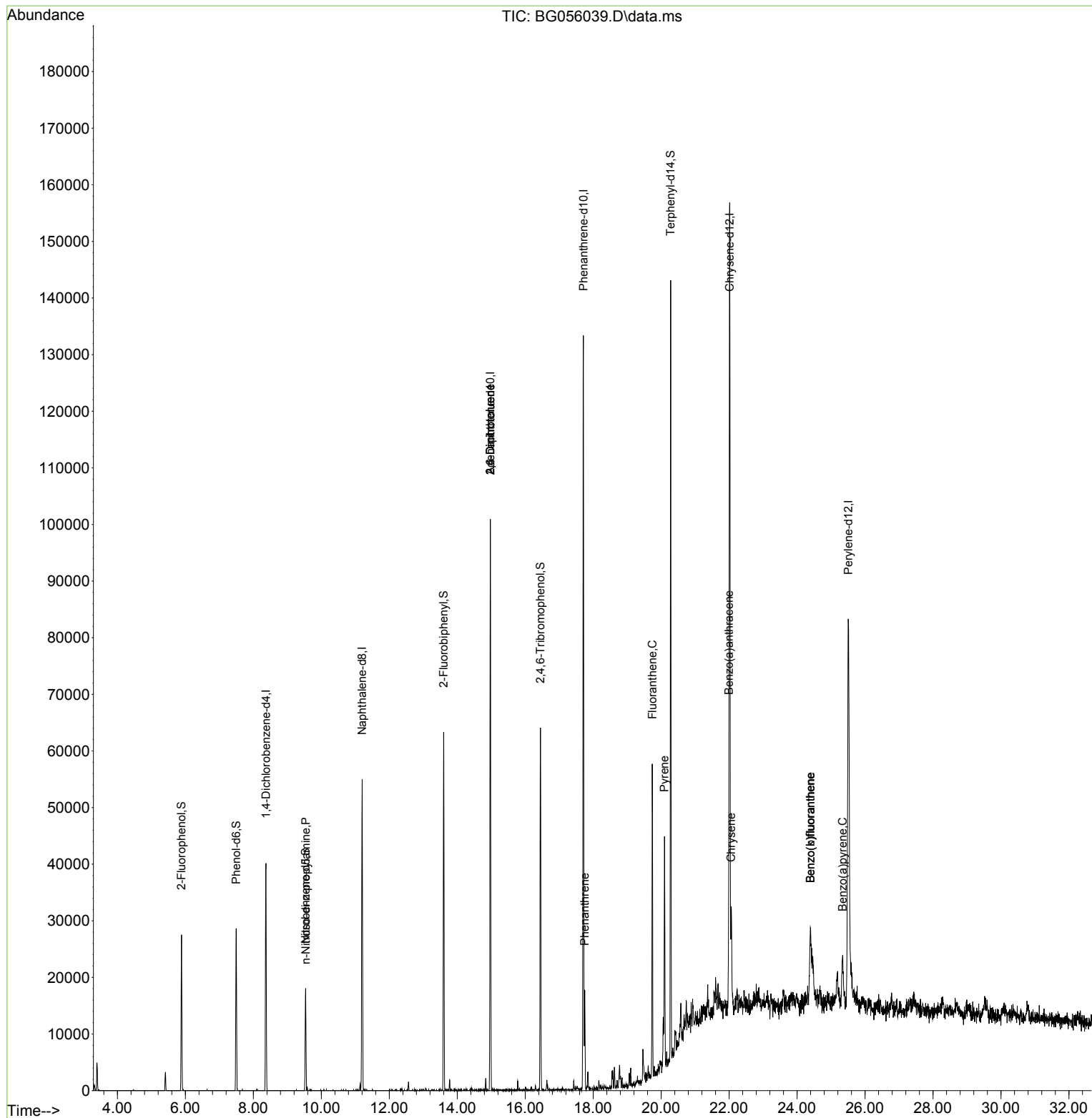
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

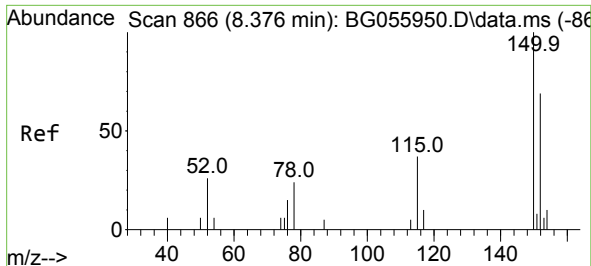
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	12922	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	47503	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	38053	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	97018	20.000	ng	0.00
76) Chrysene-d12	22.019	240	96267	20.000	ng	# 0.00
86) Perylene-d12	25.509	264	109597	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	11743	21.312	ng	0.00
7) Phenol-d6	7.494	99	14282	20.153	ng	0.00
23) Nitrobenzene-d5	9.539	82	10314	15.173	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	18277	19.919	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	36763	13.549	ng	0.00
79) Terphenyl-d14	20.279	244	74280	13.637	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.545	70	1456	2.866	ng	# 49
51) 2,6-Dinitrotoluene	14.974	165	4888	9.601	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	4888	6.361	ng	# 35
71) Phenanthrene	17.753	178	13455	2.646	ng	94
75) Fluoranthene	19.739	202	37943	5.329	ng	99
78) Pyrene	20.097	202	30824	5.292	ng	98
81) Benzo(a)anthracene	21.995	228	17683	2.610	ng	96
83) Chrysene	22.060	228	15314	2.412	ng	95
88) Benzo(b)fluoranthene	24.392	252	28544	4.024	ng	# 94
89) Benzo(k)fluoranthene	24.392	252	28544	4.033	ng	# 96
90) Benzo(a)pyrene	25.344	252	14153	2.361	ng	# 99

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

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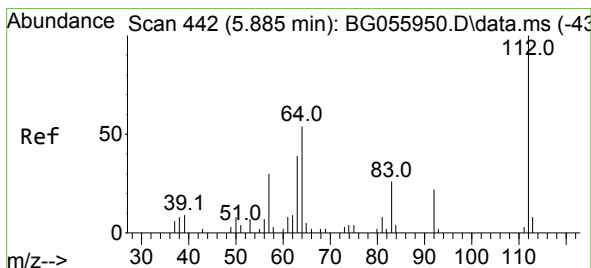
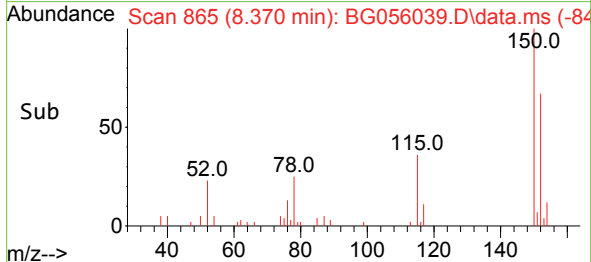
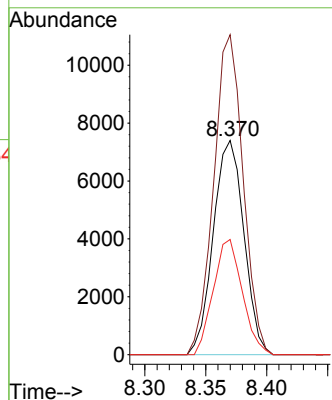
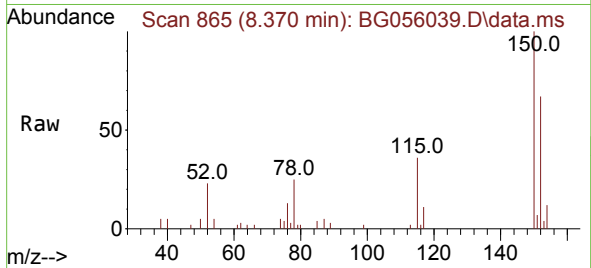
Quant Time: Dec 21 02:41:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
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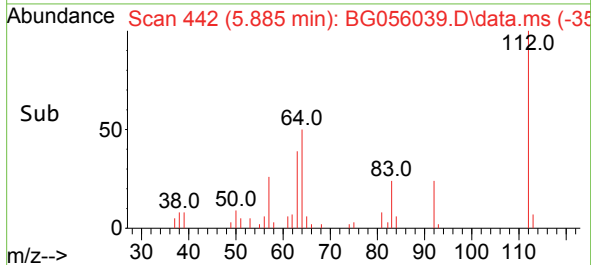
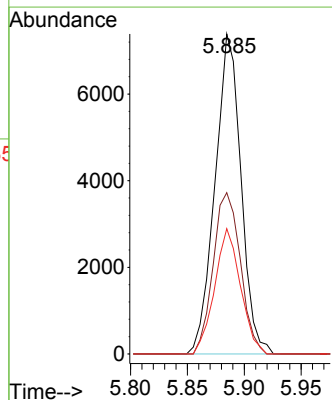
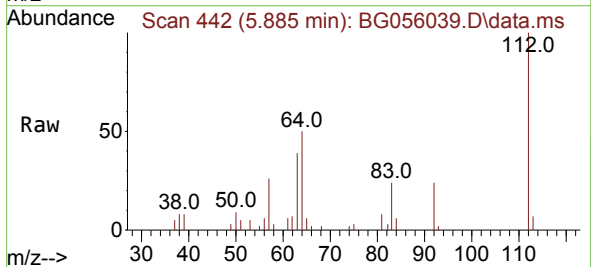
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 865
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

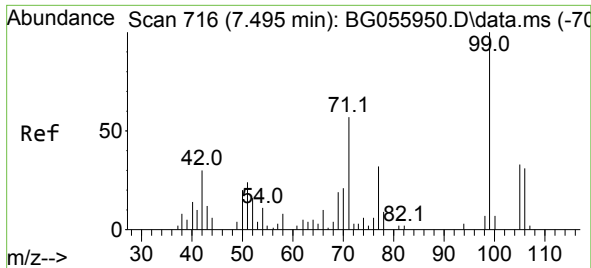
Tgt Ion:152 Resp: 12922
Ion Ratio Lower Upper
152 100
150 149.4 115.7 173.5
115 53.8 43.0 64.4



#5
2-Fluorophenol
Concen: 21.312 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

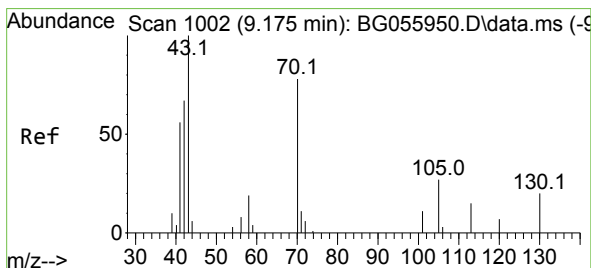
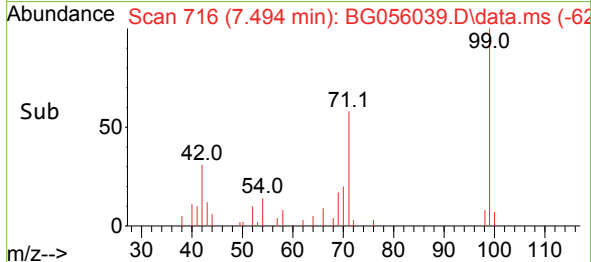
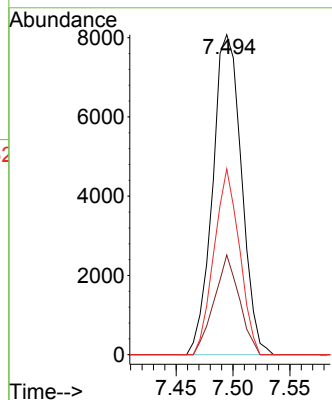
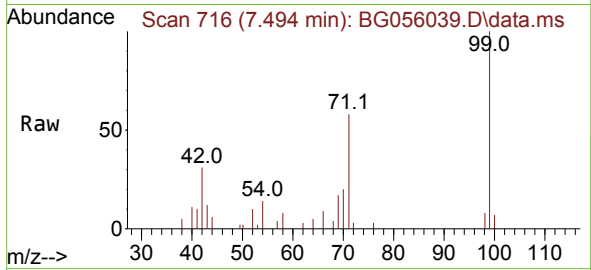
Tgt Ion:112 Resp: 11743
Ion Ratio Lower Upper
112 100
64 50.4 43.0 64.4
63 39.1 31.4 47.2





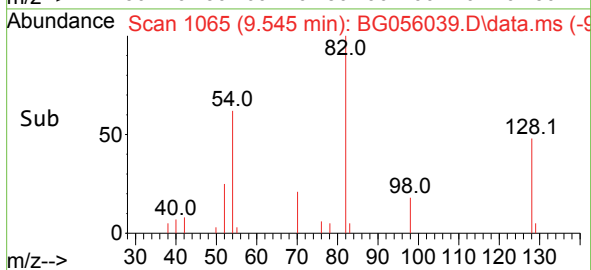
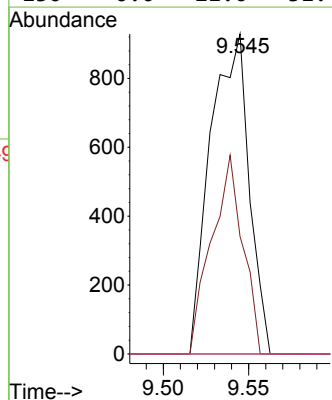
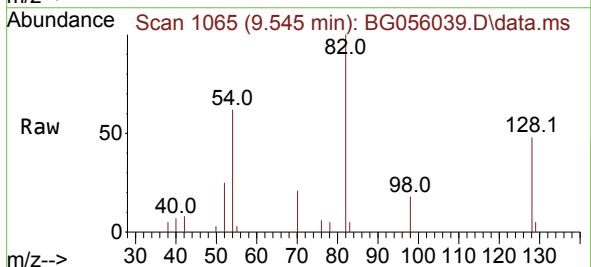
#7
Phenol-d6
Concen: 20.153 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

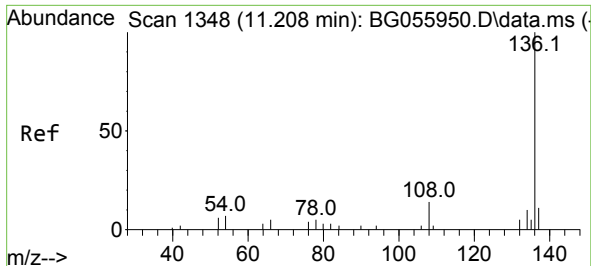
Tgt Ion:	99	Resp:	14282
Ion	Ratio	Lower	Upper
99	100		
42	31.2	24.3	36.5
71	58.1	45.6	68.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.866 ng
RT: 9.545 min Scan# 1065
Delta R.T. 0.375 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

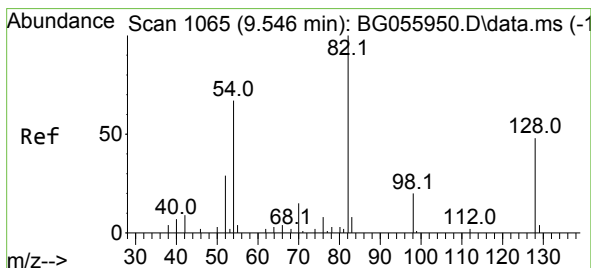
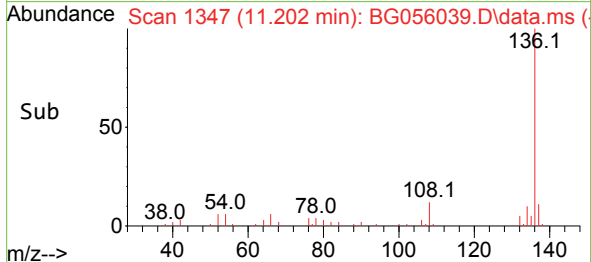
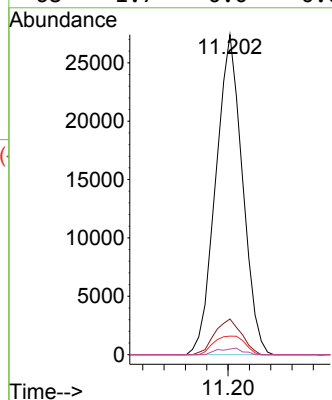
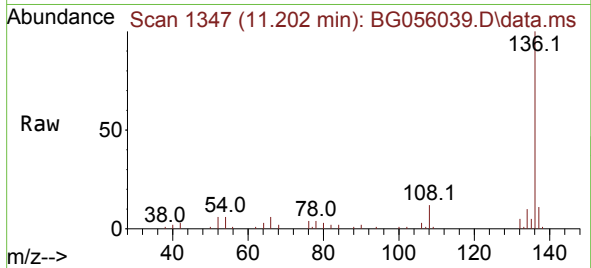
Tgt Ion:	70	Resp:	1456
Ion	Ratio	Lower	Upper
70	100		
42	36.7	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#





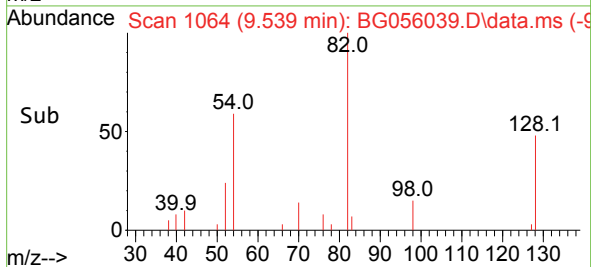
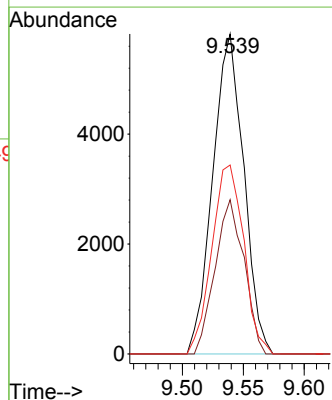
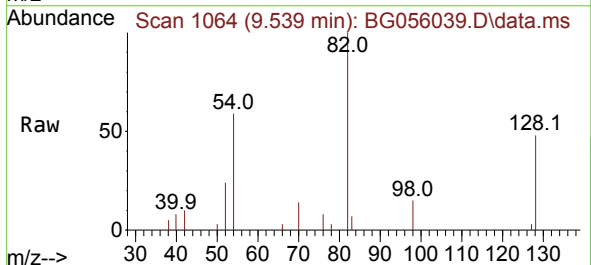
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

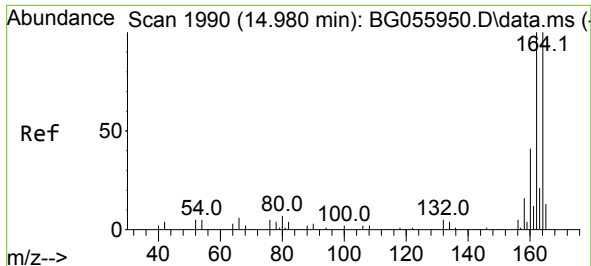
Tgt Ion:136	Resp:	47503
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	5.8	5.6 8.4
68	1.7	0.0 0.0#



#23
Nitrobenzene-d5
Concen: 15.173 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

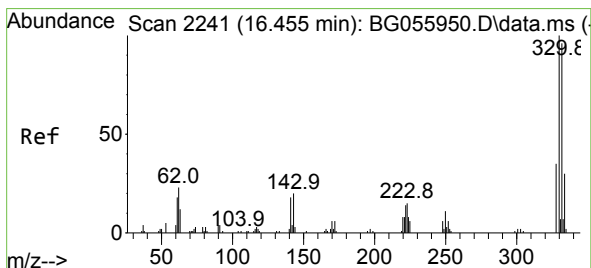
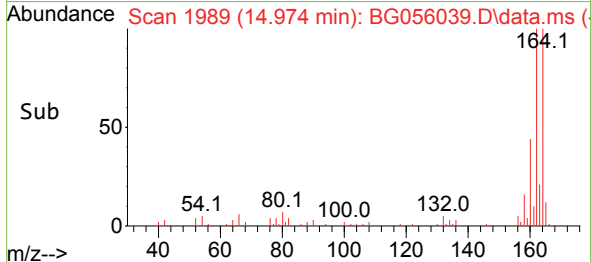
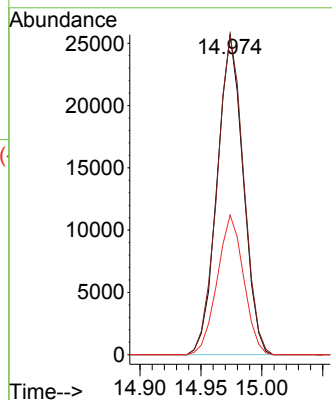
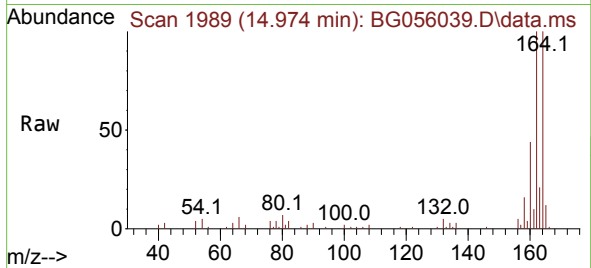
Tgt Ion: 82	Resp:	10314
Ion Ratio	Lower	Upper
82	100	
128	48.2	38.4 57.6
54	59.1	53.3 79.9





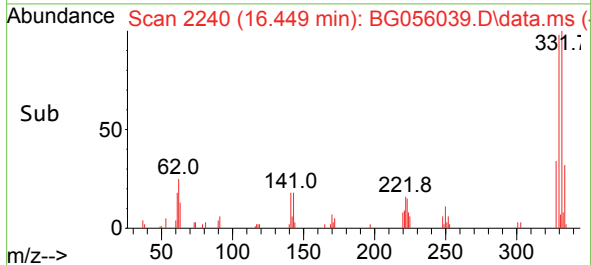
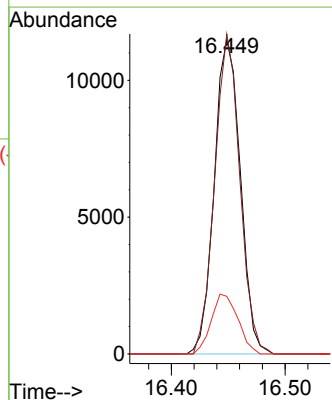
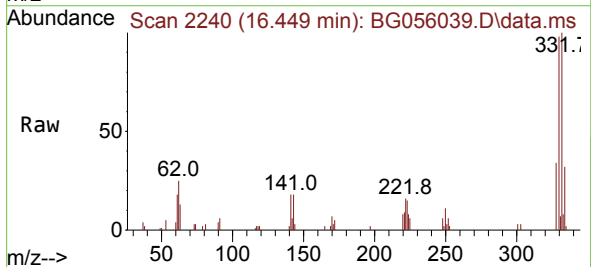
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

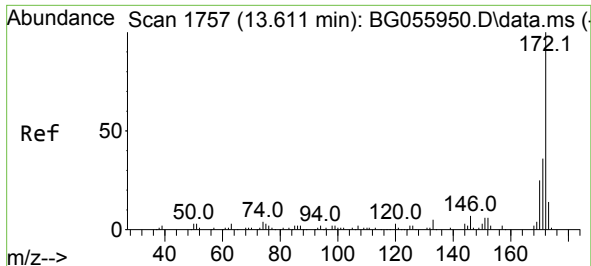
Tgt Ion:164 Resp: 38053
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 43.6 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 19.919 ng
RT: 16.449 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

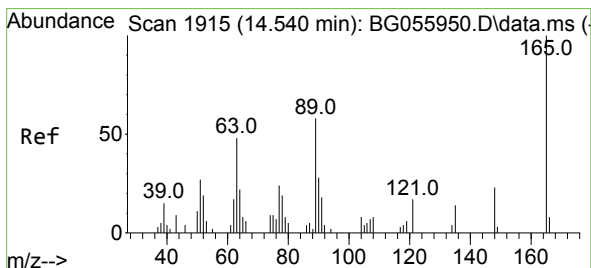
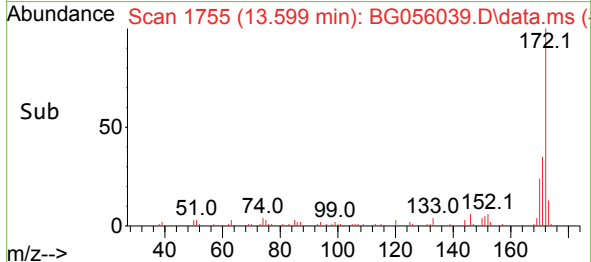
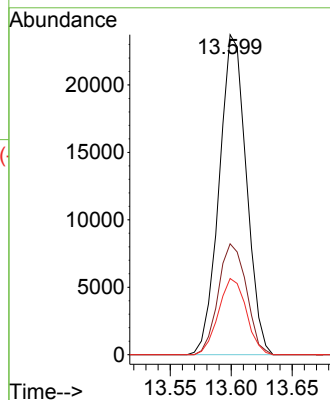
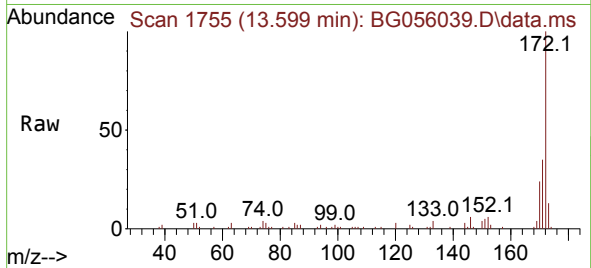
Tgt Ion:330 Resp: 18277
Ion Ratio Lower Upper
330 100
332 98.1 76.6 114.8
141 19.5 15.0 22.4





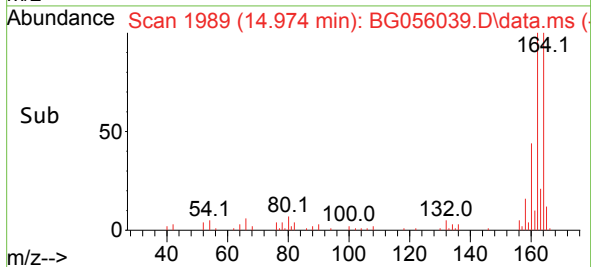
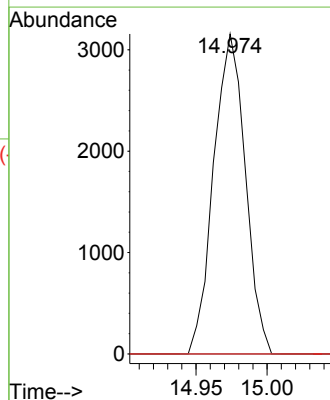
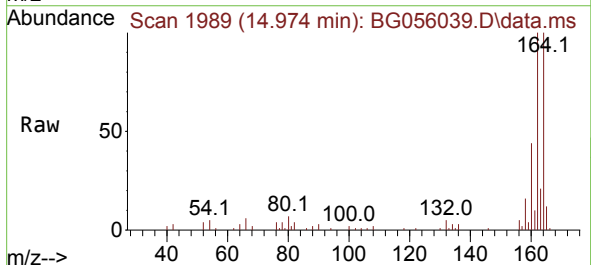
#45
2-Fluorobiphenyl
Concen: 13.549 ng
RT: 13.599 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

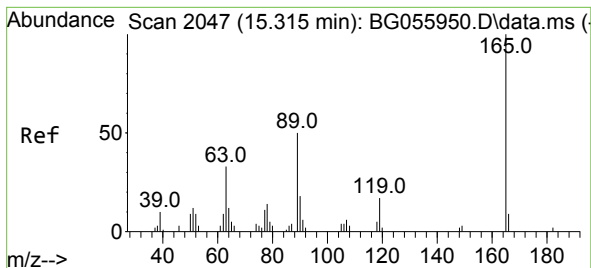
Tgt Ion:172 Resp: 36763
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.8 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 9.601 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.440 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

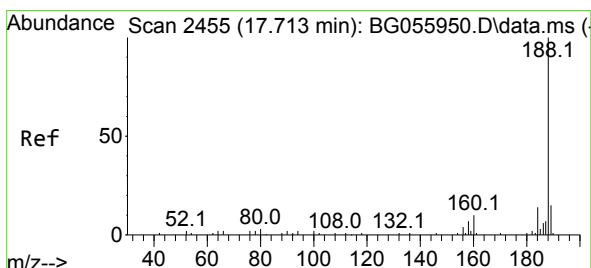
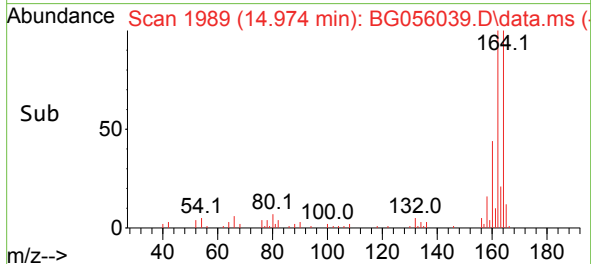
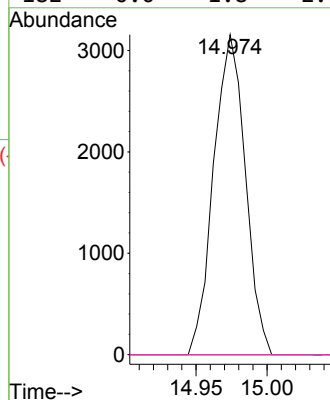
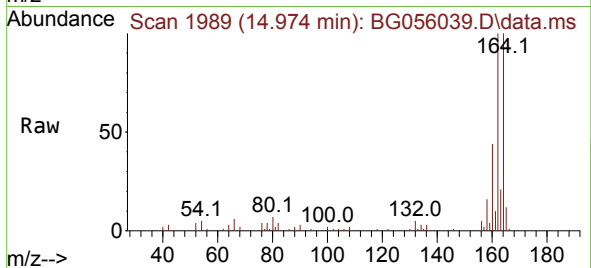
Tgt Ion:165 Resp: 4888
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





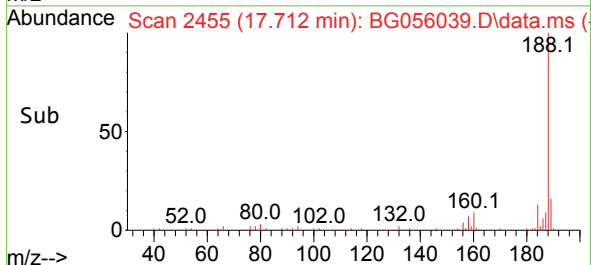
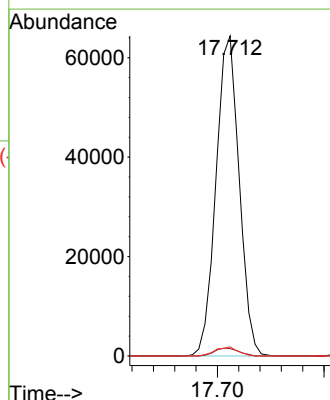
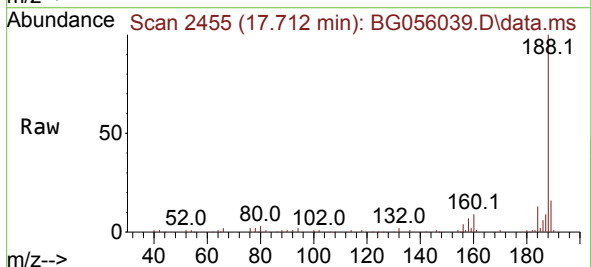
#57
2,4-Dinitrotoluene
Concen: 6.361 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

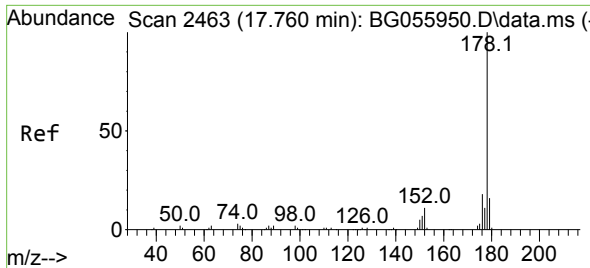
Tgt Ion:165	Resp:	4888
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.6 39.8#
89	0.0	40.1 60.1#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2455
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

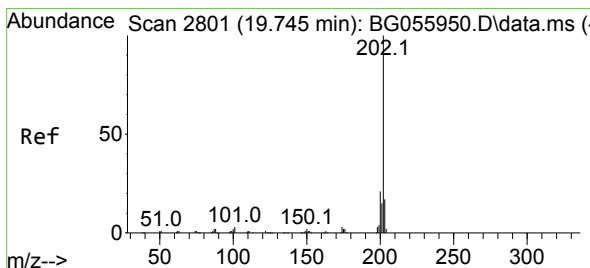
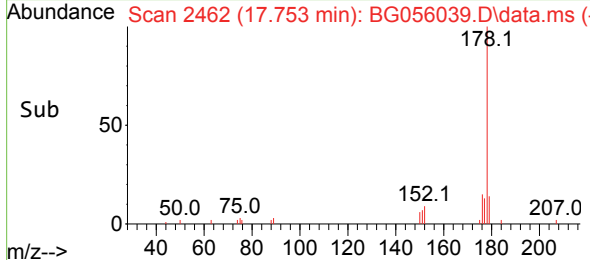
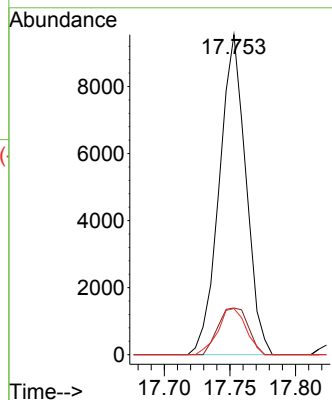
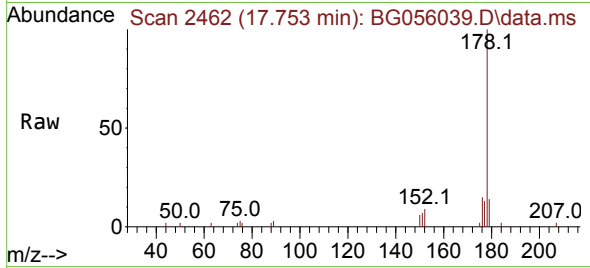
Tgt Ion:188	Resp:	97018
Ion Ratio	Lower	Upper
188	100	
94	2.3	1.8 2.8
80	2.9	2.4 3.6





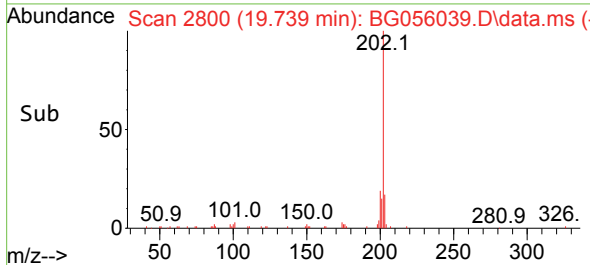
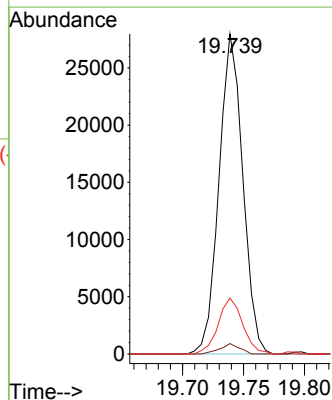
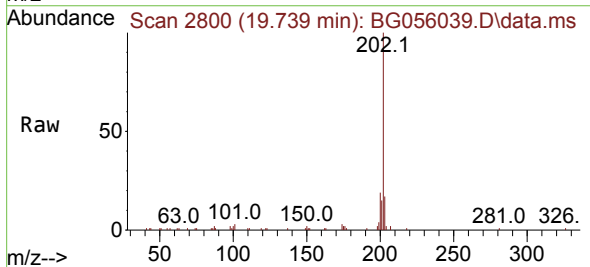
#71
Phenanthrene
Concen: 2.646 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

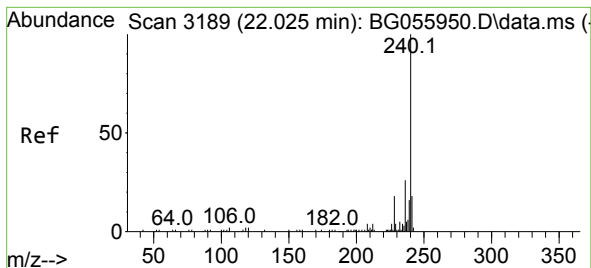
Tgt Ion:178	Resp:	13455
Ion Ratio	Lower	Upper
178	100	
176	14.6	14.4 21.6
179	14.4	12.7 19.1



#75
Fluoranthene
Concen: 5.329 ng
RT: 19.739 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

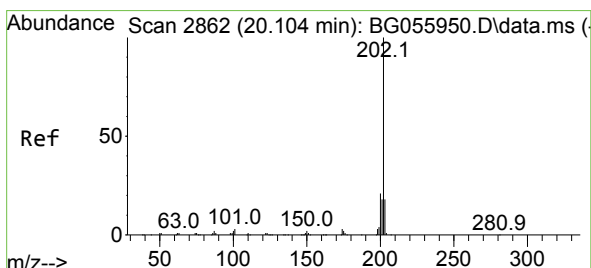
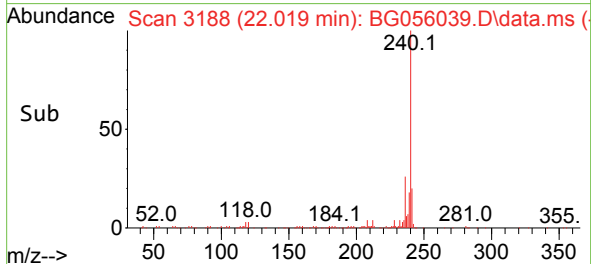
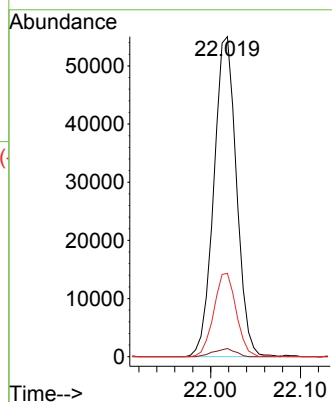
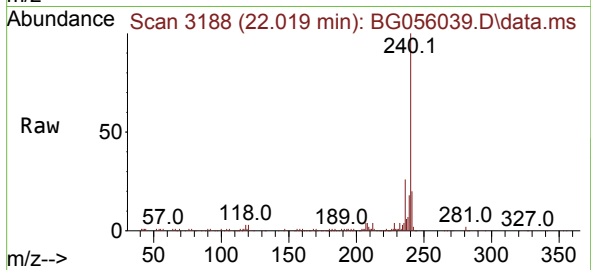
Tgt Ion:202	Resp:	37943
Ion Ratio	Lower	Upper
202	100	
101	3.2	0.0 22.6
203	17.4	0.0 37.1





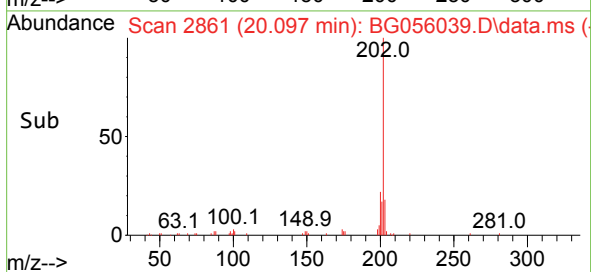
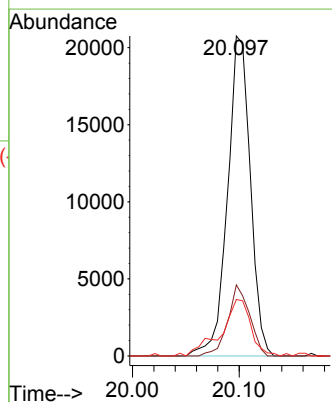
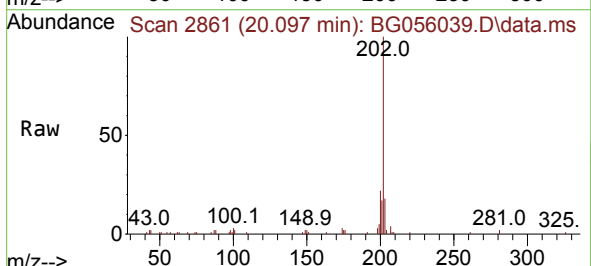
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

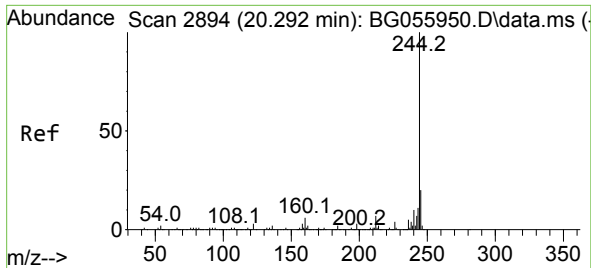
Tgt Ion:240 Resp: 96267
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.1 21.1 31.7



#78
Pyrene
Concen: 5.292 ng
RT: 20.097 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

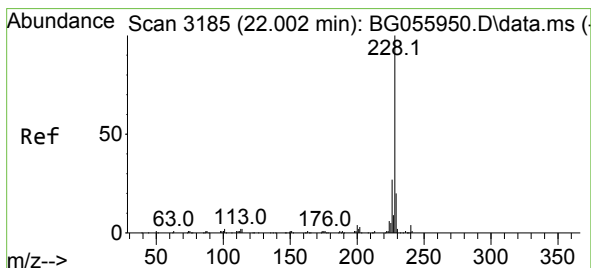
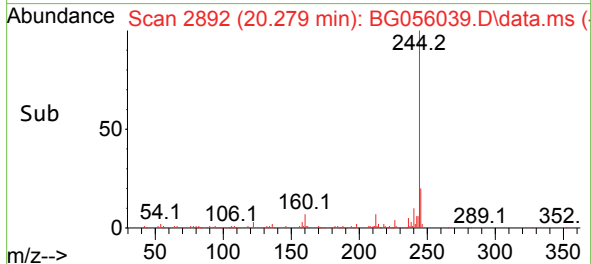
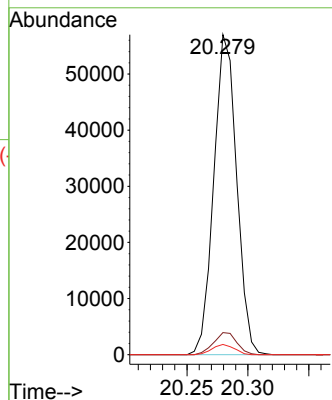
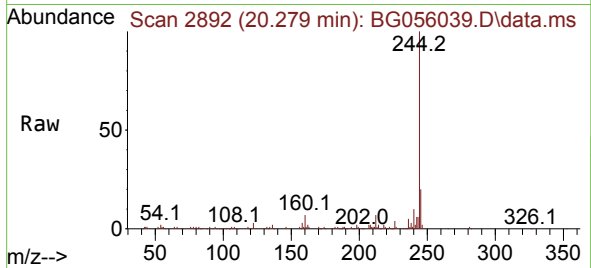
Tgt Ion:202 Resp: 30824
Ion Ratio Lower Upper
202 100
200 22.2 16.7 25.1
203 17.6 14.6 21.8





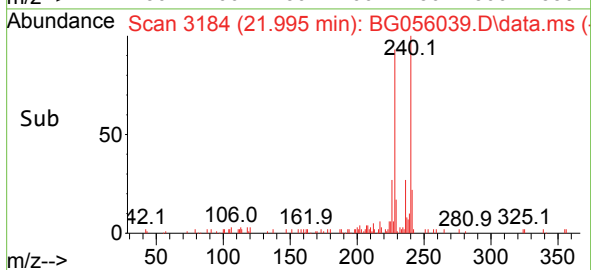
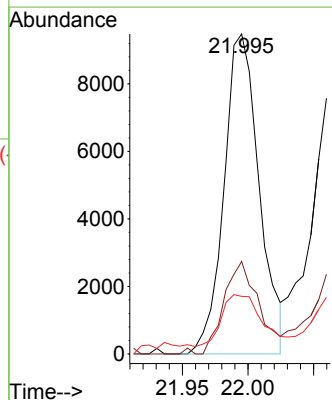
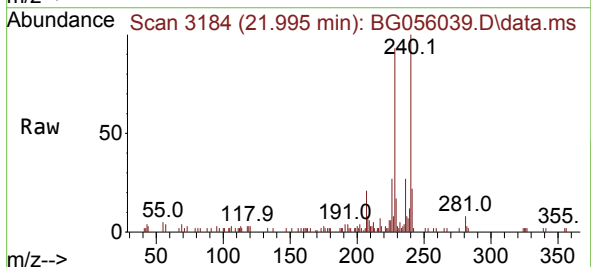
#79
 Terphenyl-d14
 Concen: 13.637 ng
 RT: 20.279 min Scan# 2892
 Delta R.T. -0.001 min
 Lab File: BG056039.D
 Acq: 20 Dec 2022 21:12

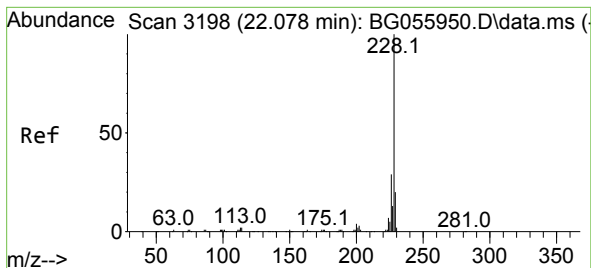
Tgt Ion:244	Resp:	74280
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.8 8.6
122	3.2	2.5 3.7



#81
 Benzo(a)anthracene
 Concen: 2.610 ng
 RT: 21.995 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BG056039.D
 Acq: 20 Dec 2022 21:12

Tgt Ion:228	Resp:	17683
Ion Ratio	Lower	Upper
228	100	
226	28.9	21.8 32.6
229	18.0	15.9 23.9





#83

Chrysene

Concen: 2.412 ng

RT: 22.060 min Scan# 3195

Delta R.T. -0.007 min

Lab File: BG056039.D

Acq: 20 Dec 2022 21:12

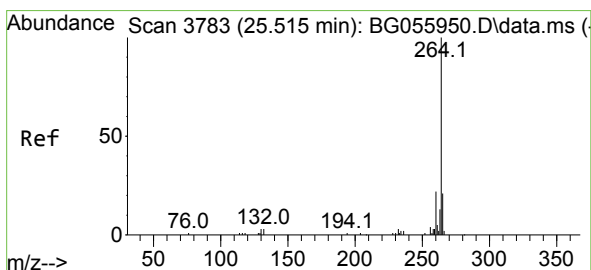
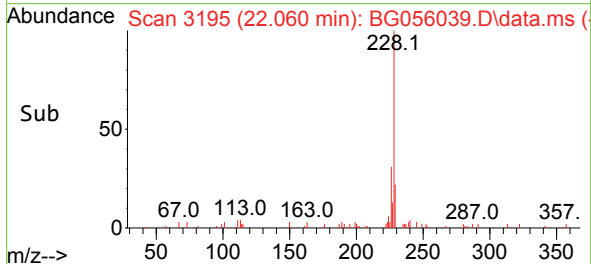
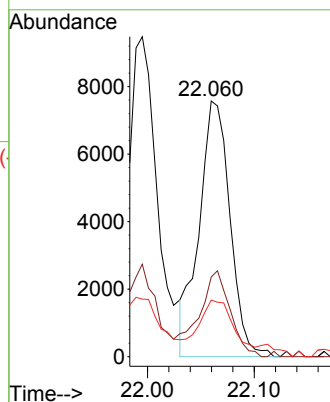
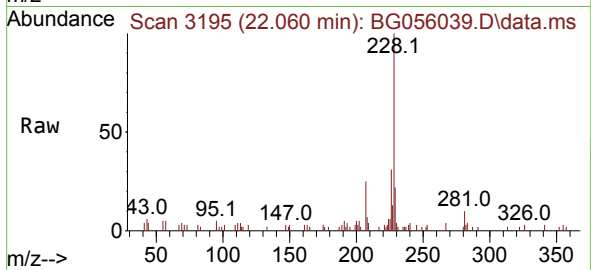
Tgt Ion:228 Resp: 15314

Ion Ratio Lower Upper

228 100

226 31.2 23.1 34.7

229 22.1 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: BG056039.D

Acq: 20 Dec 2022 21:12

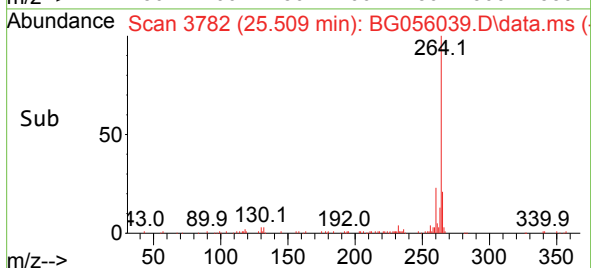
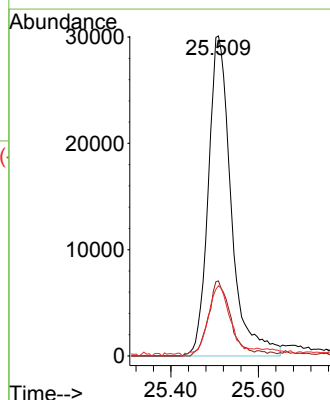
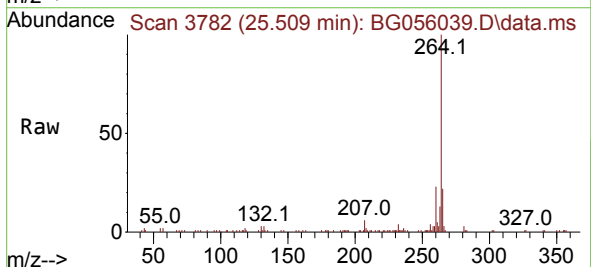
Tgt Ion:264 Resp: 109597

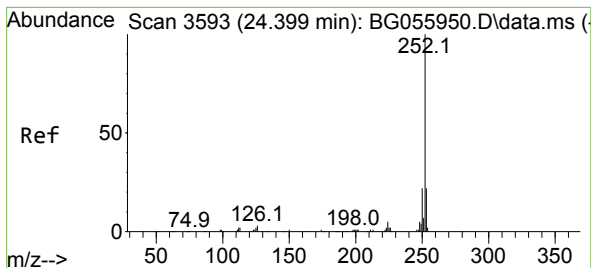
Ion Ratio Lower Upper

264 100

260 23.5 17.8 26.8

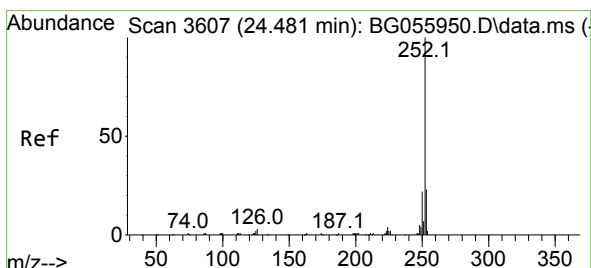
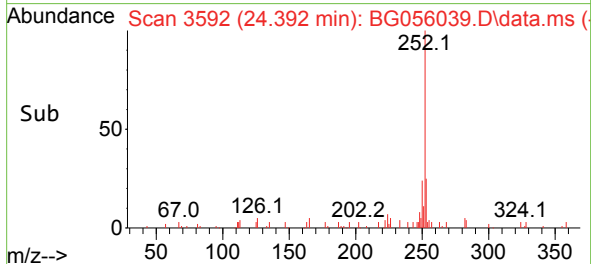
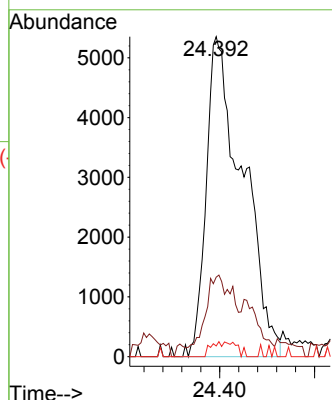
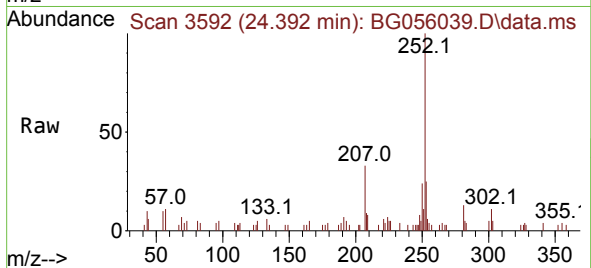
265 21.9 16.6 25.0





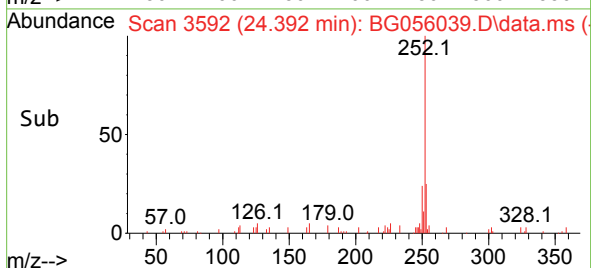
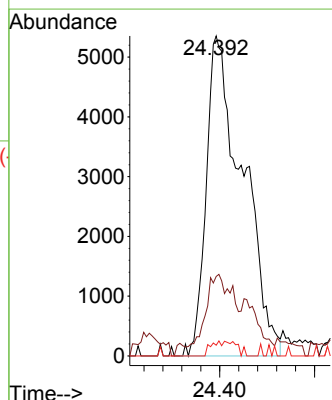
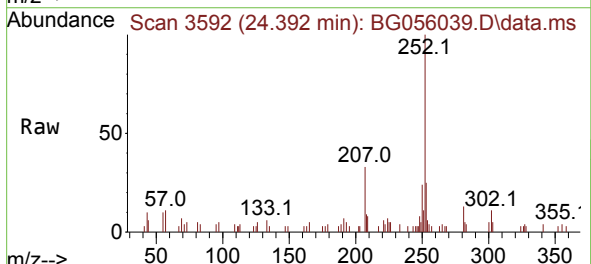
#88
Benzo(b)fluoranthene
Concen: 4.024 ng
RT: 24.392 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

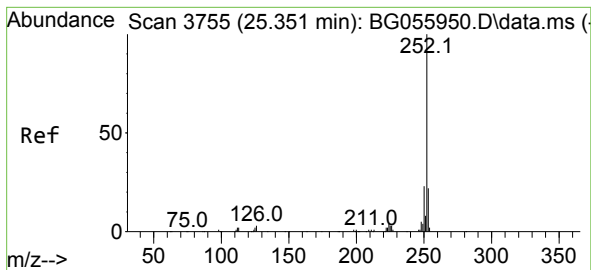
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	3.3	1.8	2.8



#89
Benzo(k)fluoranthene
Concen: 4.033 ng
RT: 24.392 min Scan# 3592
Delta R.T. -0.071 min
Lab File: BG056039.D
Acq: 20 Dec 2022 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	3.3	2.0	3.0





#90

Benzo(a)pyrene

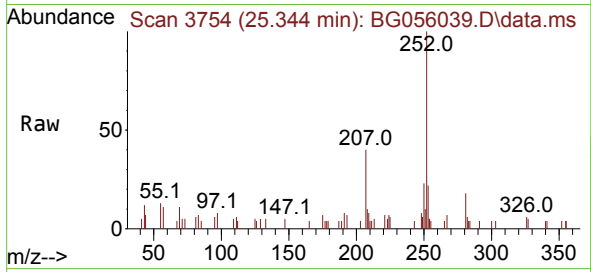
Concen: 2.361 ng

RT: 25.344 min Scan# 3754

Delta R.T. 0.011 min

Lab File: BG056039.D

Acq: 20 Dec 2022 21:12



Tgt Ion:252	Resp:	14153
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.7 26.5
125	5.1	1.9 2.9#

