

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056032.D
 Acq On : 20 Dec 2022 16:24
 Operator : CG/JU
 Sample : N6110-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 21 02:37:35 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

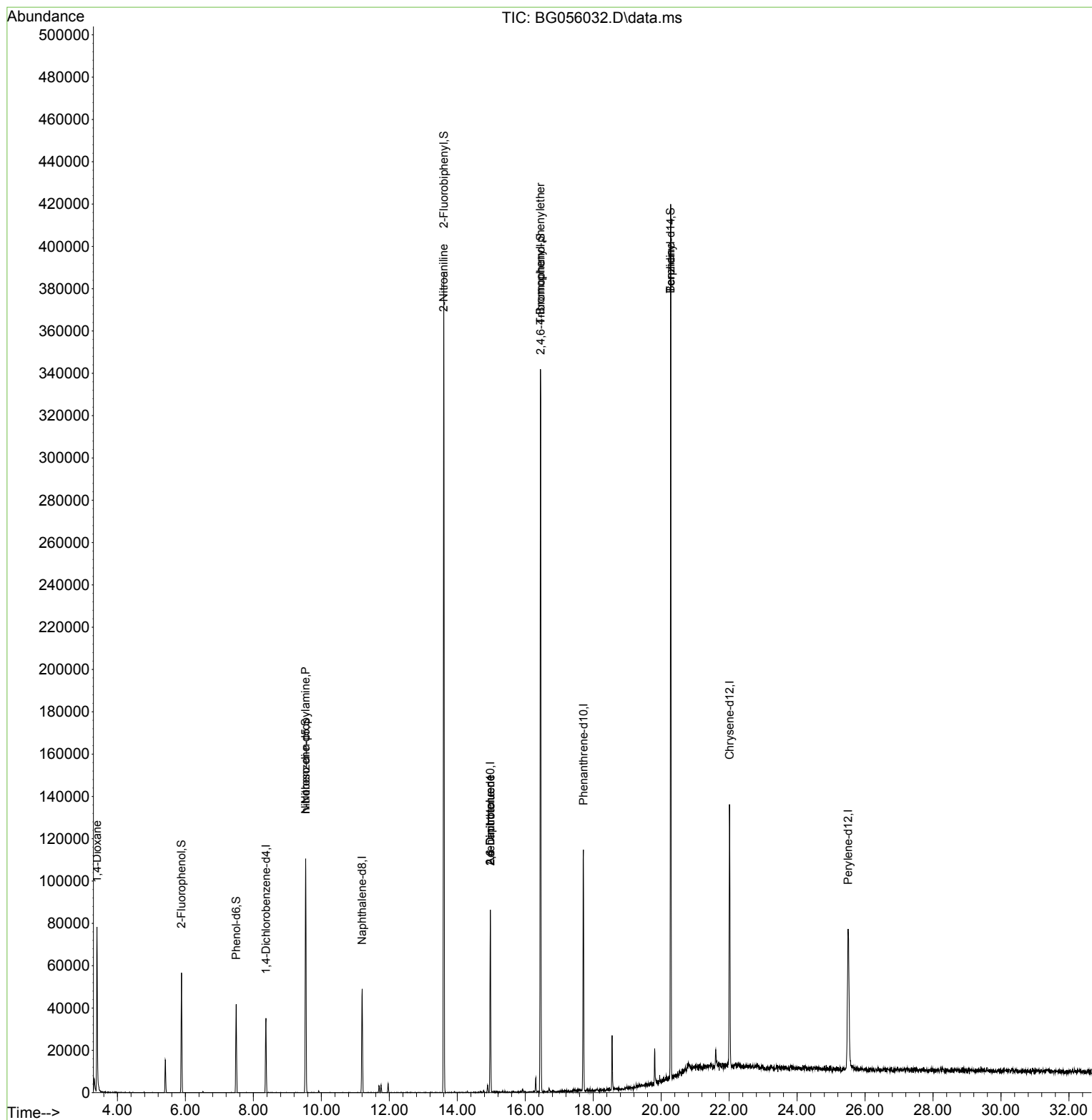
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

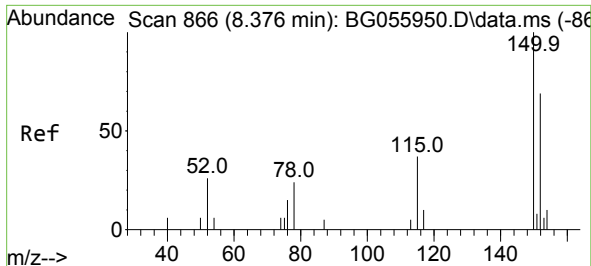
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.369	152	10876	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	42834	20.000	ng	# 0.00
39) Acenaphthene-d10	14.973	164	33760	20.000	ng	0.00
64) Phenanthrene-d10	17.711	188	83455	20.000	ng	0.00
76) Chrysene-d12	22.012	240	88501	20.000	ng	0.00
86) Perylene-d12	25.502	264	104314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	23139	49.894	ng	0.00
7) Phenol-d6	7.494	99	20345	34.110	ng	0.00
23) Nitrobenzene-d5	9.538	82	58189	94.933	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	91793	112.760	ng	0.00
45) 2-Fluorobiphenyl	13.604	172	210638	87.505	ng	0.00
79) Terphenyl-d14	20.279	244	229446	45.821	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	688	5.098	ng	# 1
19) n-Nitroso-di-n-propyla...	9.538	70	8973	20.988	ng	# 67
48) 2-Nitroaniline	13.598	65	230	3.405	ng	# 1
51) 2,6-Dinitrotoluene	14.973	165	4344	9.618	ng	# 25
57) 2,4-Dinitrotoluene	14.973	165	4344	6.371	ng	# 35
67) 4-Bromophenyl-phenylether	16.448	248	5091	4.163	ng	# 1
77) Benzidine	20.279	184	3571	2.298	ng	# 85

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

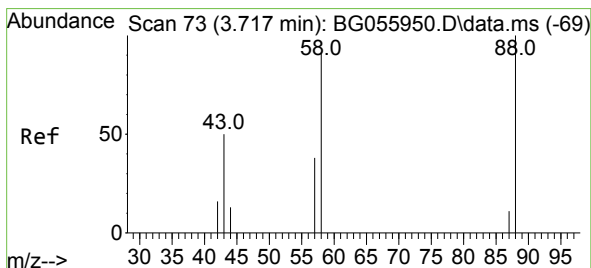
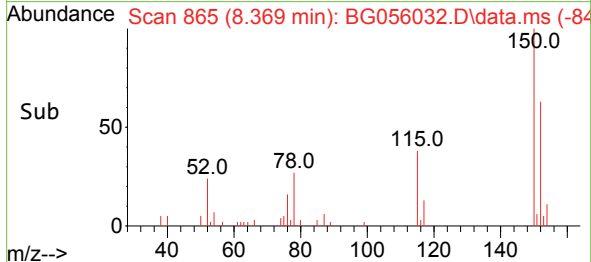
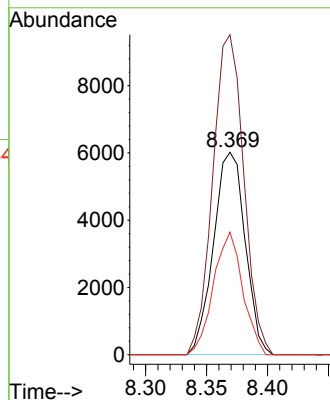
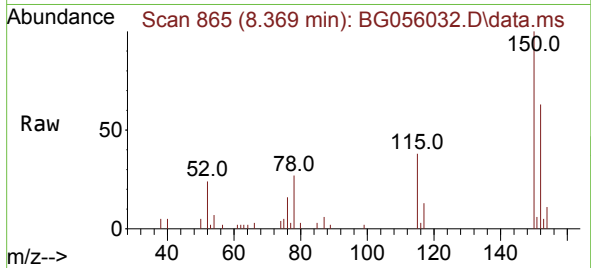
Quant Time: Dec 21 02:37:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
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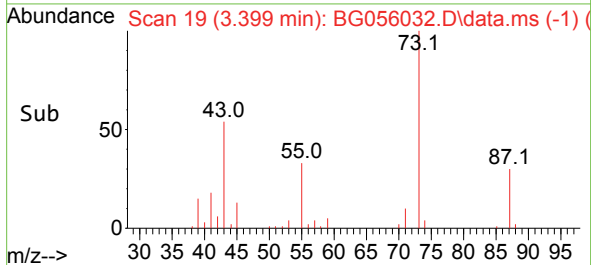
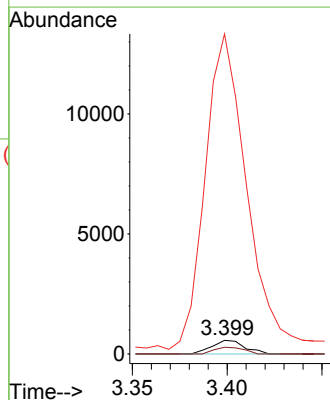
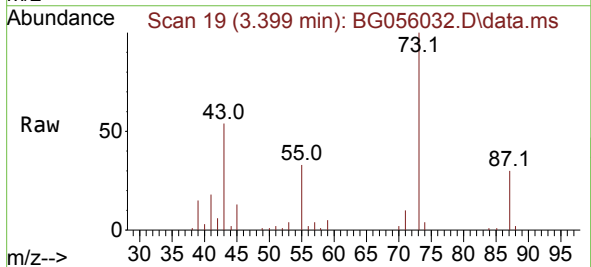
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.369 min Scan# 865
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

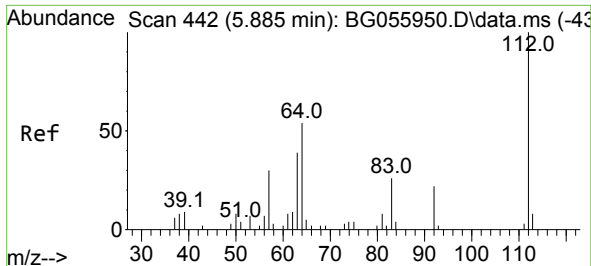
Tgt Ion:152 Resp: 10876
Ion Ratio Lower Upper
152 100
150 158.1 115.7 173.5
115 60.5 43.0 64.4



#2
1,4-Dioxane
Concen: 5.098 ng
RT: 3.399 min Scan# 19
Delta R.T. -0.307 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

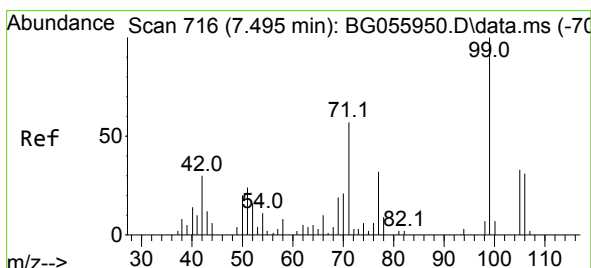
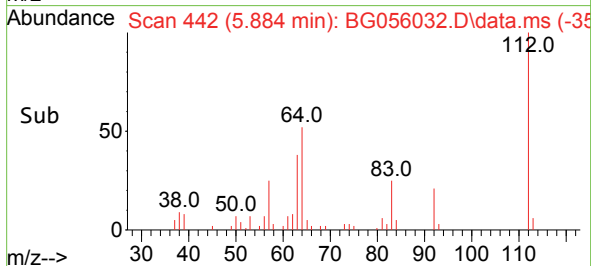
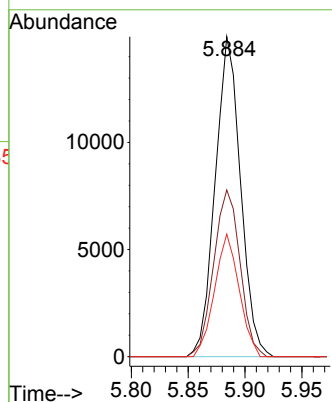
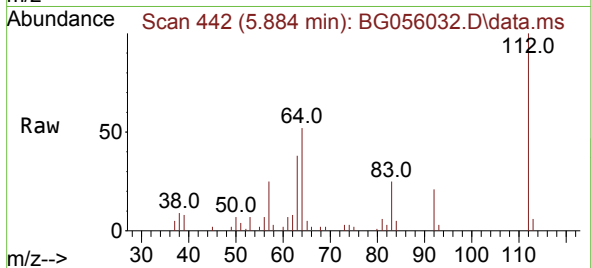
Tgt Ion: 88 Resp: 688
Ion Ratio Lower Upper
88 100
58 44.2 67.0 100.4#
43 3261.0 45.7 68.5#





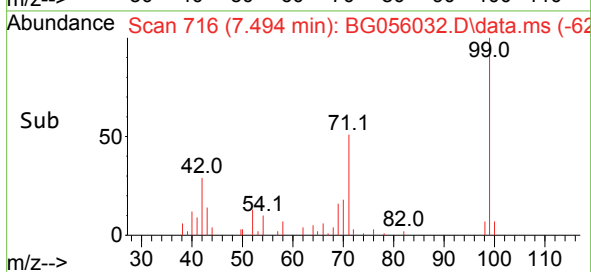
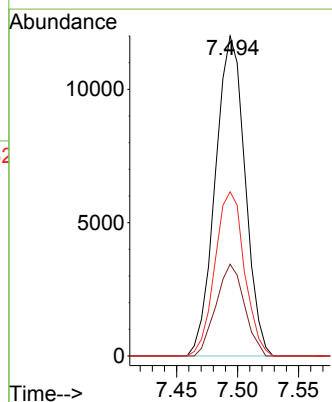
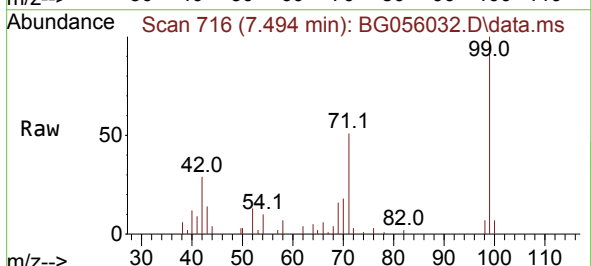
#5
2-Fluorophenol
Concen: 49.894 ng
RT: 5.884 min Scan# 442
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

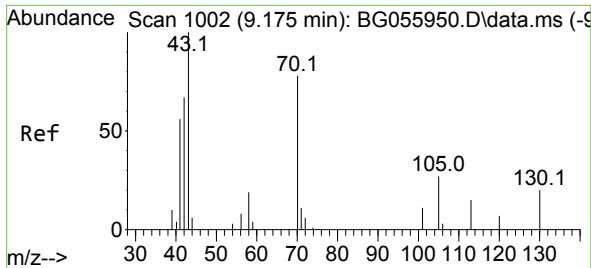
Tgt Ion:112 Resp: 23139
Ion Ratio Lower Upper
112 100
64 52.1 43.0 64.4
63 38.3 31.4 47.2



#7
Phenol-d6
Concen: 34.110 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

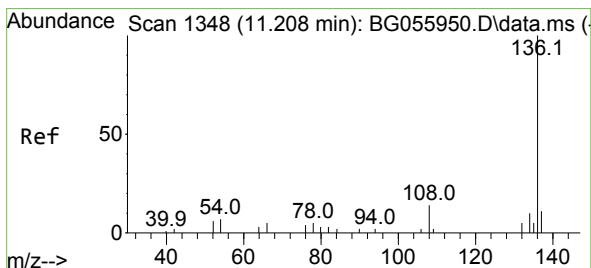
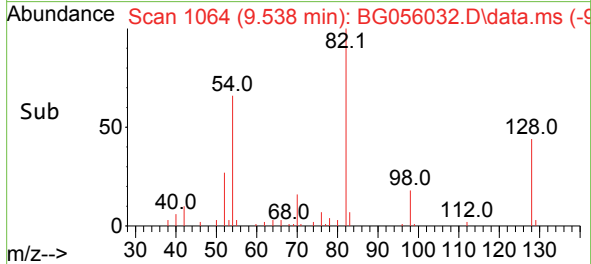
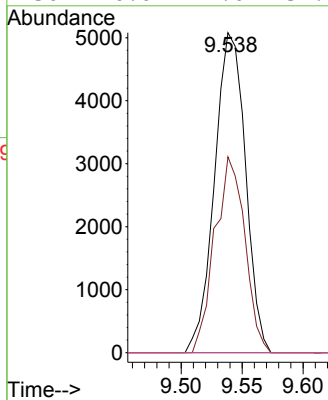
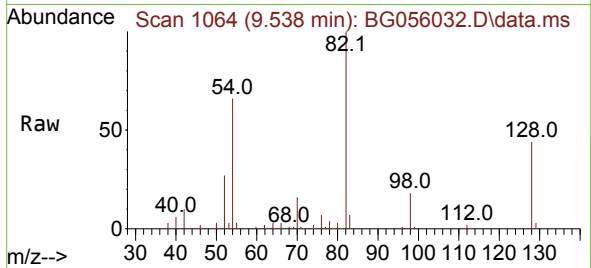
Tgt Ion: 99 Resp: 20345
Ion Ratio Lower Upper
99 100
42 28.7 24.3 36.5
71 51.3 45.6 68.4





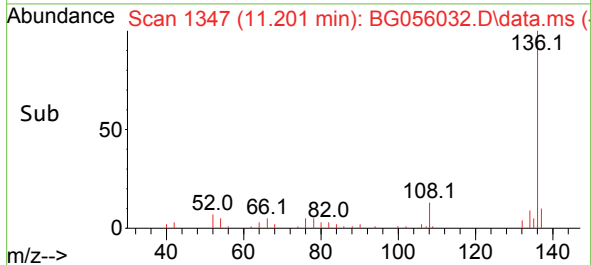
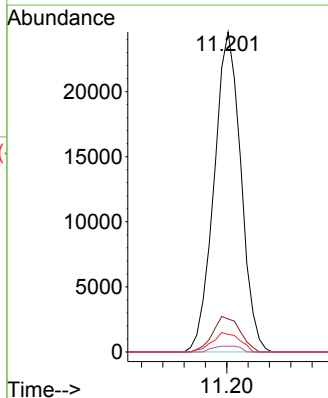
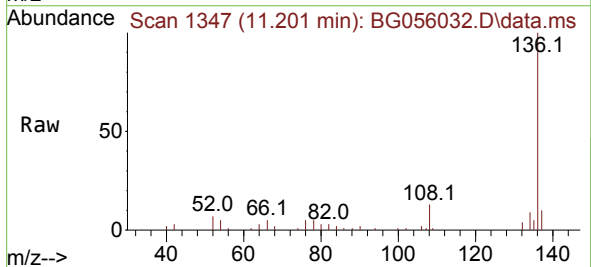
#19
n-Nitroso-di-n-propylamine
Concen: 20.988 ng
RT: 9.538 min Scan# 1064
Delta R.T. 0.369 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

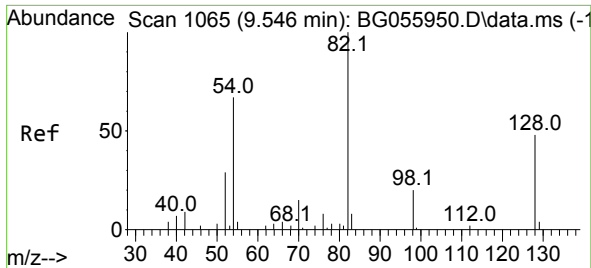
Tgt Ion: 70	Resp: 8973
Ion Ratio	Lower Upper
70	100
42	61.2 69.0 103.4#
101	0.0 11.8 17.8#
130	0.0 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1347
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

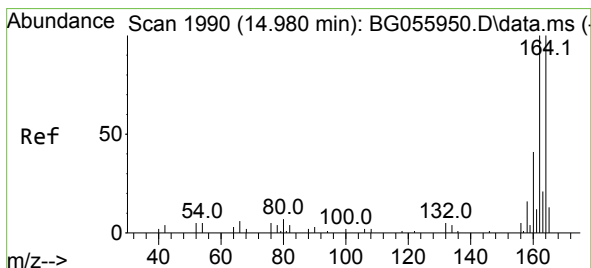
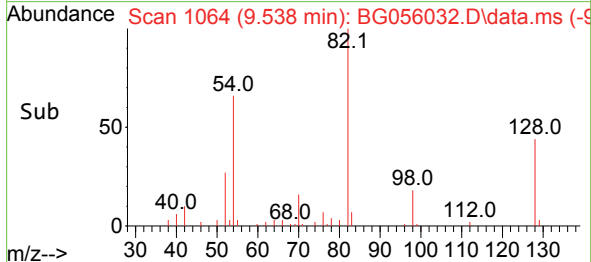
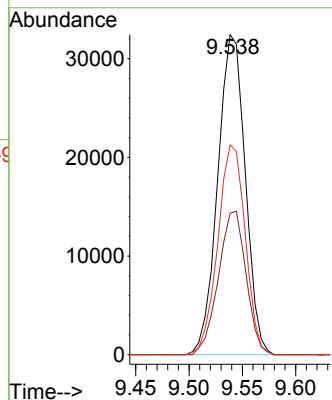
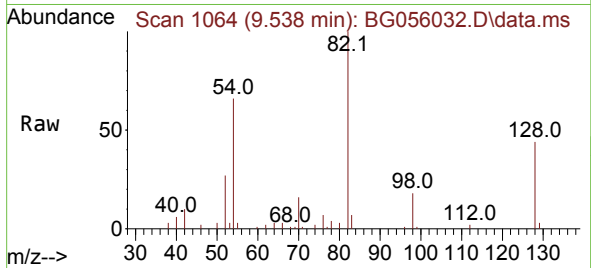
Tgt Ion: 136	Resp: 42834
Ion Ratio	Lower Upper
136	100
137	10.3 9.2 13.8
54	5.5 5.6 8.4#
68	1.8 0.0 0.0#





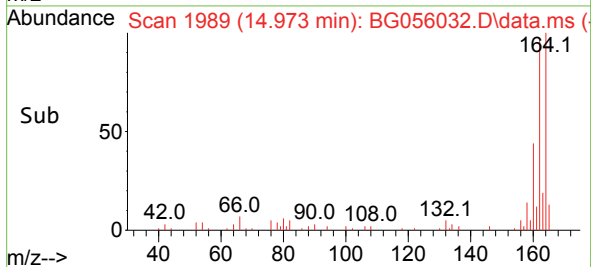
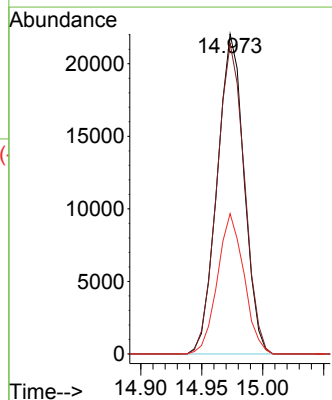
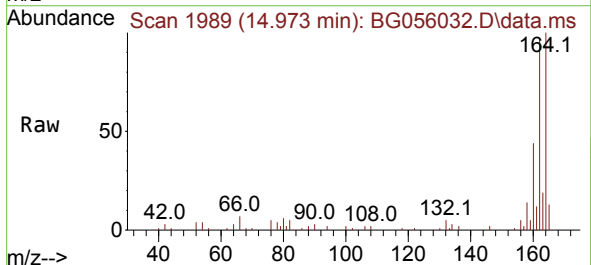
#23
Nitrobenzene-d5
Concen: 94.933 ng
RT: 9.538 min Scan# 1064
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

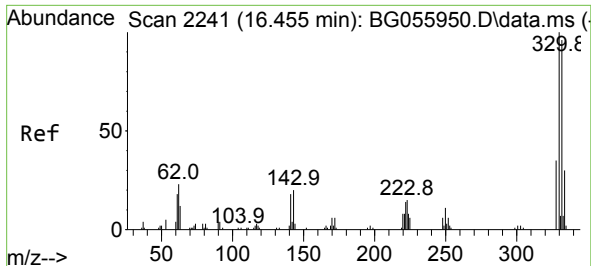
Tgt Ion: 82 Resp: 58189
Ion Ratio Lower Upper
82 100
128 44.2 38.4 57.6
54 65.6 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

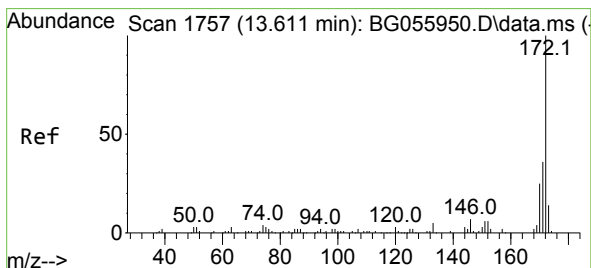
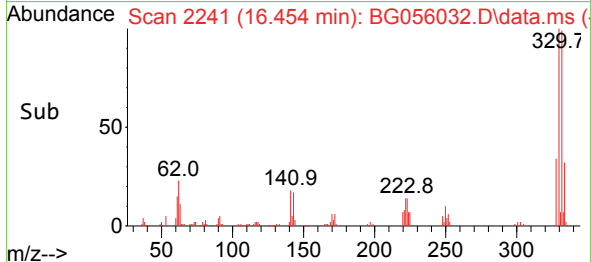
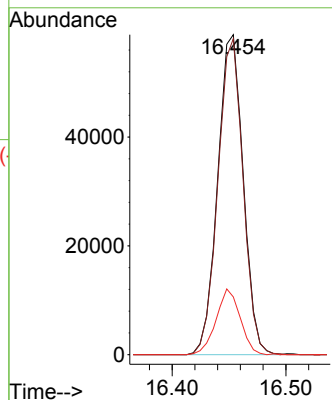
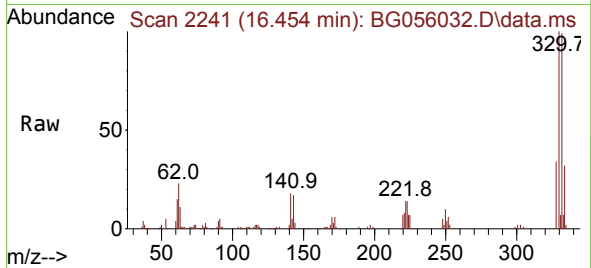
Tgt Ion:164 Resp: 33760
Ion Ratio Lower Upper
164 100
162 97.1 79.8 119.8
160 43.9 33.0 49.4





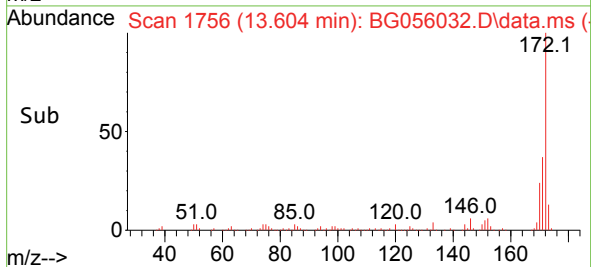
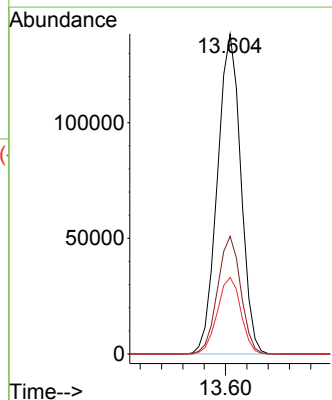
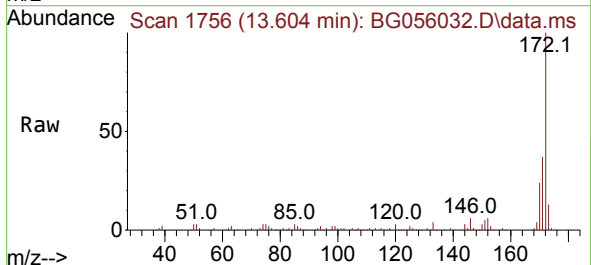
#42
 2,4,6-Tribromophenol
 Concen: 112.760 ng
 RT: 16.454 min Scan# 2241
 Delta R.T. 0.004 min
 Lab File: BG056032.D
 Acq: 20 Dec 2022 16:24

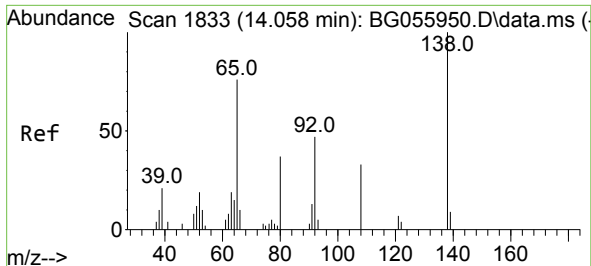
Tgt Ion:	330	Resp:	91793
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	114.8
141	19.4	15.0	22.4



#45
 2-Fluorobiphenyl
 Concen: 87.505 ng
 RT: 13.604 min Scan# 1756
 Delta R.T. 0.004 min
 Lab File: BG056032.D
 Acq: 20 Dec 2022 16:24

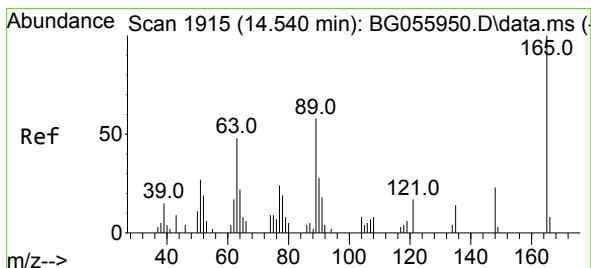
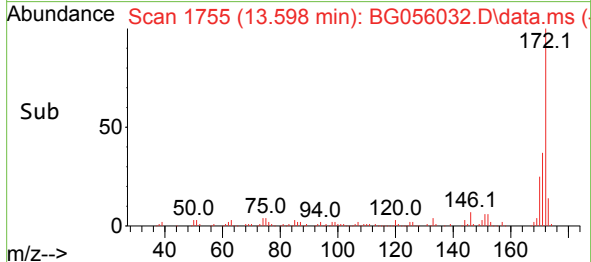
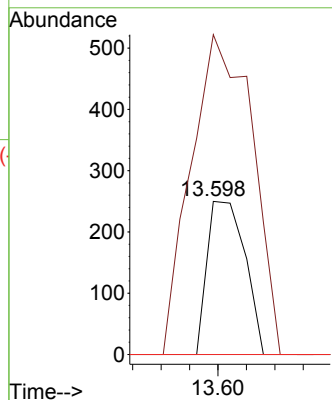
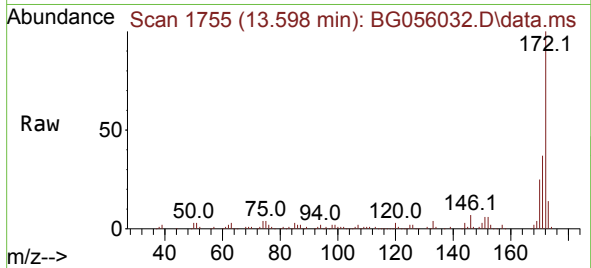
Tgt Ion:	172	Resp:	210638
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.6	42.8
170	23.9	19.9	29.9





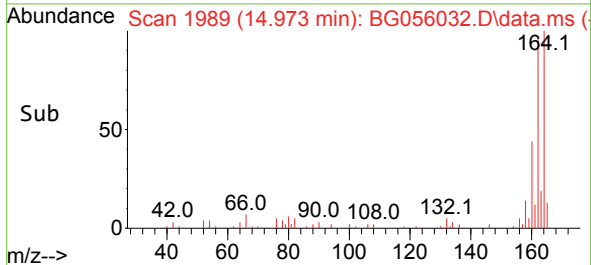
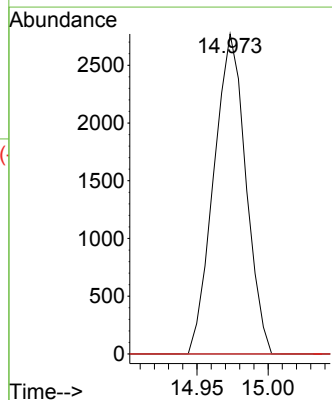
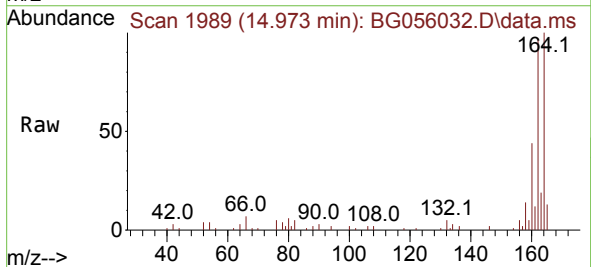
#48
2-Nitroaniline
Concen: 3.405 ng
RT: 13.598 min Scan# 1755
Delta R.T. -0.454 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

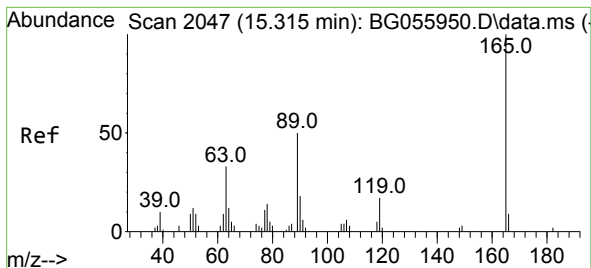
Tgt Ion: 65 Resp: 230
Ion Ratio Lower Upper
65 100
92 208.8 49.7 74.5#
138 0.0 105.0 157.6#



#51
2,6-Dinitrotoluene
Concen: 9.618 ng
RT: 14.973 min Scan# 1989
Delta R.T. 0.439 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

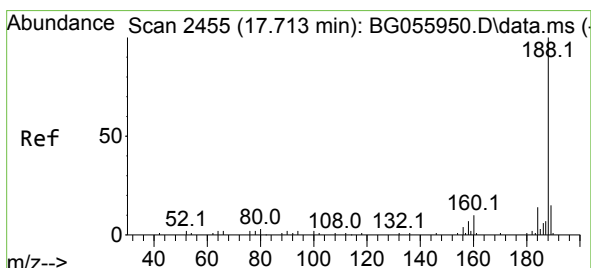
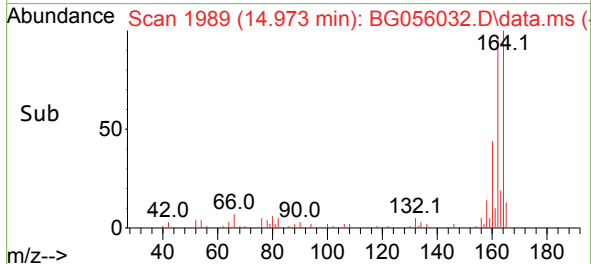
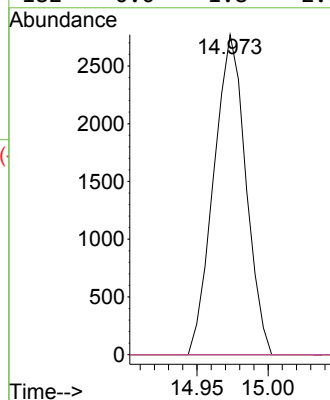
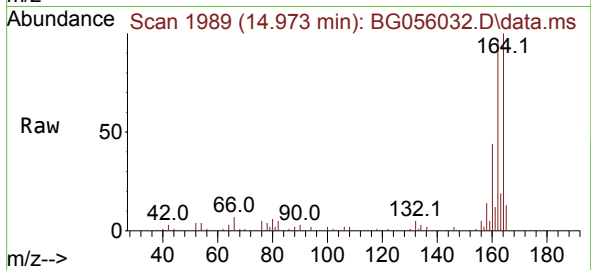
Tgt Ion:165 Resp: 4344
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





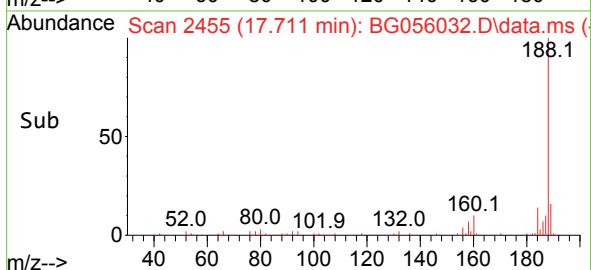
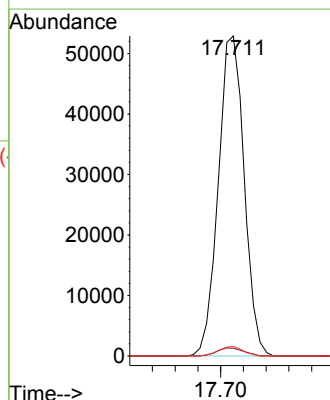
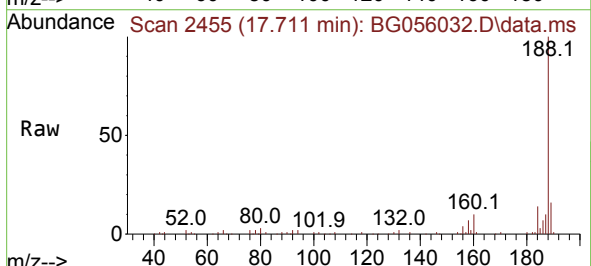
#57
2,4-Dinitrotoluene
Concen: 6.371 ng
RT: 14.973 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

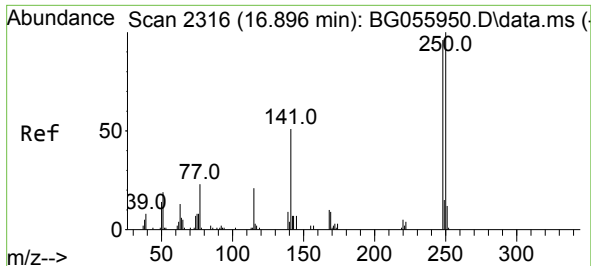
Tgt Ion:165	Resp:	4344
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.6 39.8#
89	0.0	40.1 60.1#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.711 min Scan# 2455
Delta R.T. 0.004 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

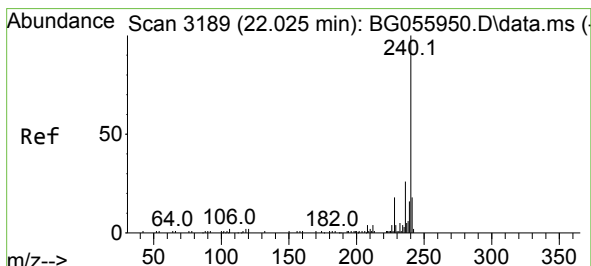
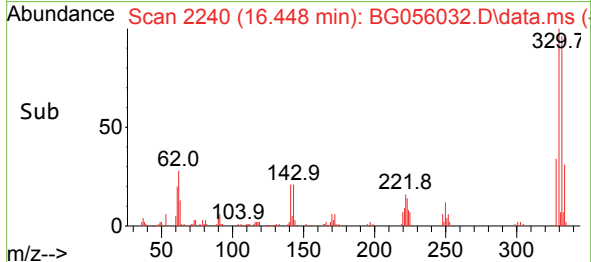
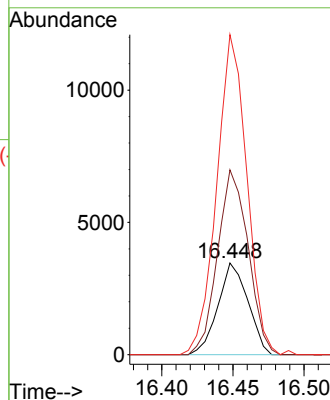
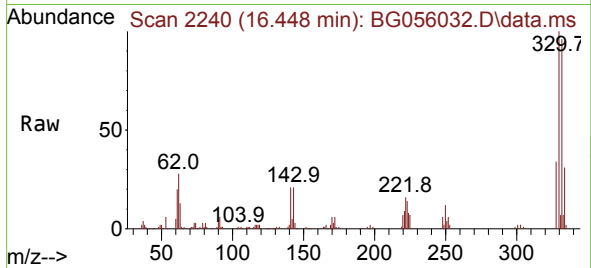
Tgt Ion:188	Resp:	83455
Ion Ratio	Lower	Upper
188	100	
94	2.4	1.8 2.8
80	2.9	2.4 3.6





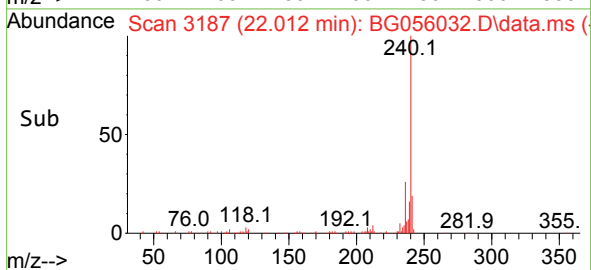
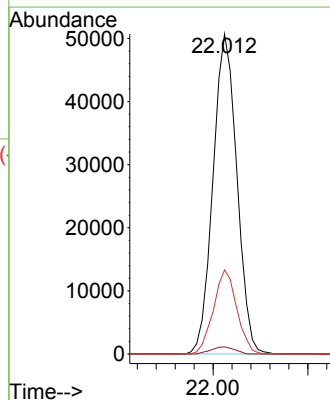
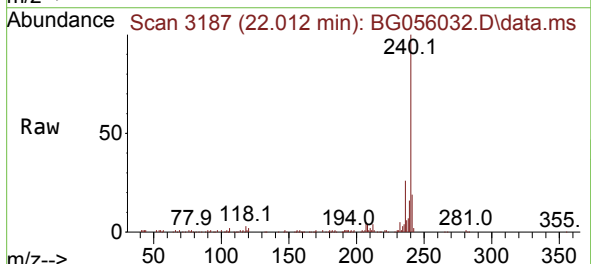
#67
4-Bromophenyl-phenylether
Concen: 4.163 ng
RT: 16.448 min Scan# 2240
Delta R.T. -0.442 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

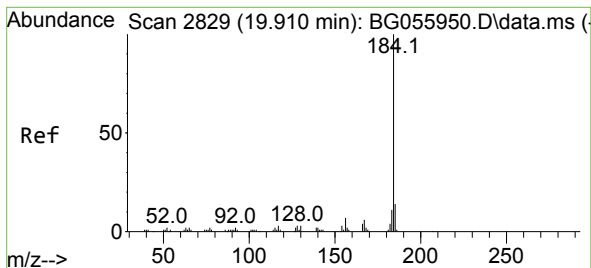
Tgt Ion:248 Resp: 5091
Ion Ratio Lower Upper
248 100
250 201.5 83.0 124.6#
141 349.1 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3187
Delta R.T. -0.002 min
Lab File: BG056032.D
Acq: 20 Dec 2022 16:24

Tgt Ion:240 Resp: 88501
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.3 21.1 31.7





#77

Benzidine

Concen: 2.298 ng

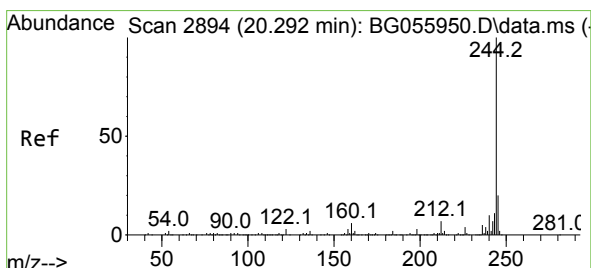
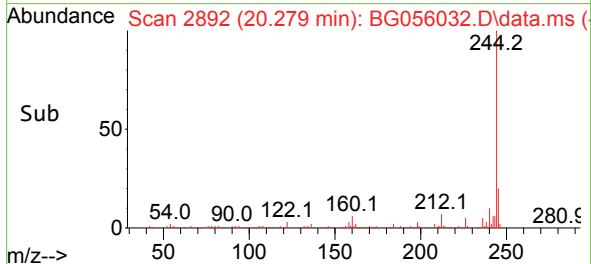
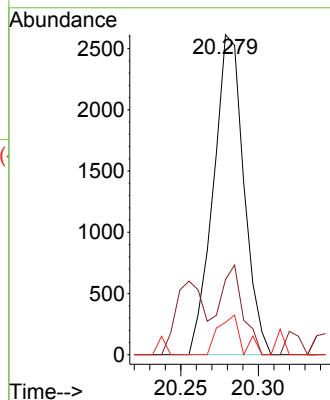
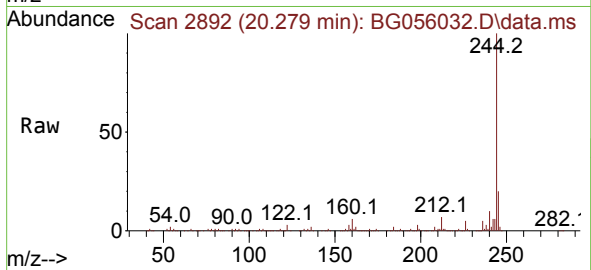
RT: 20.279 min Scan# 2892

Delta R.T. 0.375 min

Lab File: BG056032.D

Acq: 20 Dec 2022 16:24

Tgt Ion:184	Resp:	3571
Ion Ratio	Lower	Upper
184	100	
185	23.5	10.9 16.3#
183	10.1	9.2 13.8



#79

Terphenyl-d14

Concen: 45.821 ng

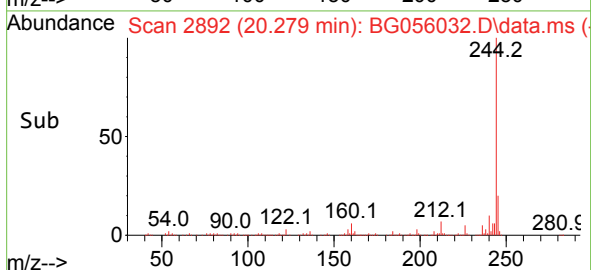
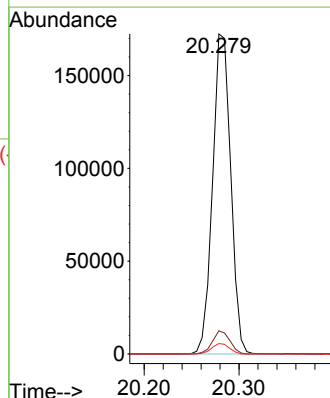
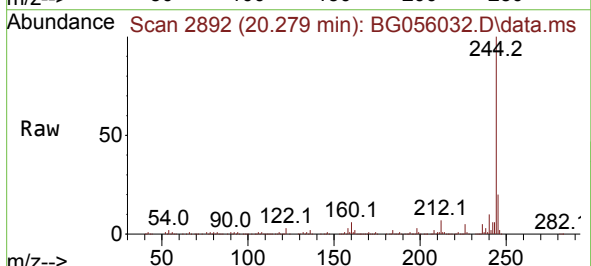
RT: 20.279 min Scan# 2892

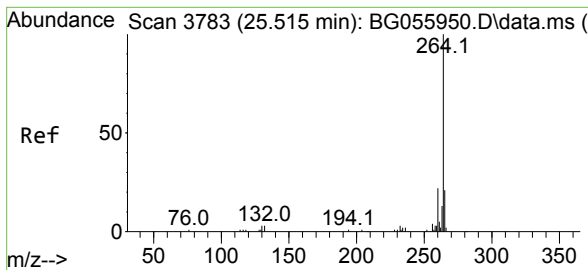
Delta R.T. -0.002 min

Lab File: BG056032.D

Acq: 20 Dec 2022 16:24

Tgt Ion:244	Resp:	229446
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	3.2	2.5 3.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.502 min Scan# 3781
 Delta R.T. 0.004 min
 Lab File: BG056032.D
 Acq: 20 Dec 2022 16:24

Tgt Ion:264	Resp: 104314
Ion Ratio	Lower Upper
264	100
260	25.1 17.8 26.8
265	21.9 16.6 25.0

