

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
 Data File : BG056043.D
 Acq On : 21 Dec 2022 10:56
 Operator : CG/JU
 Sample : PB149688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 01:22:18 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

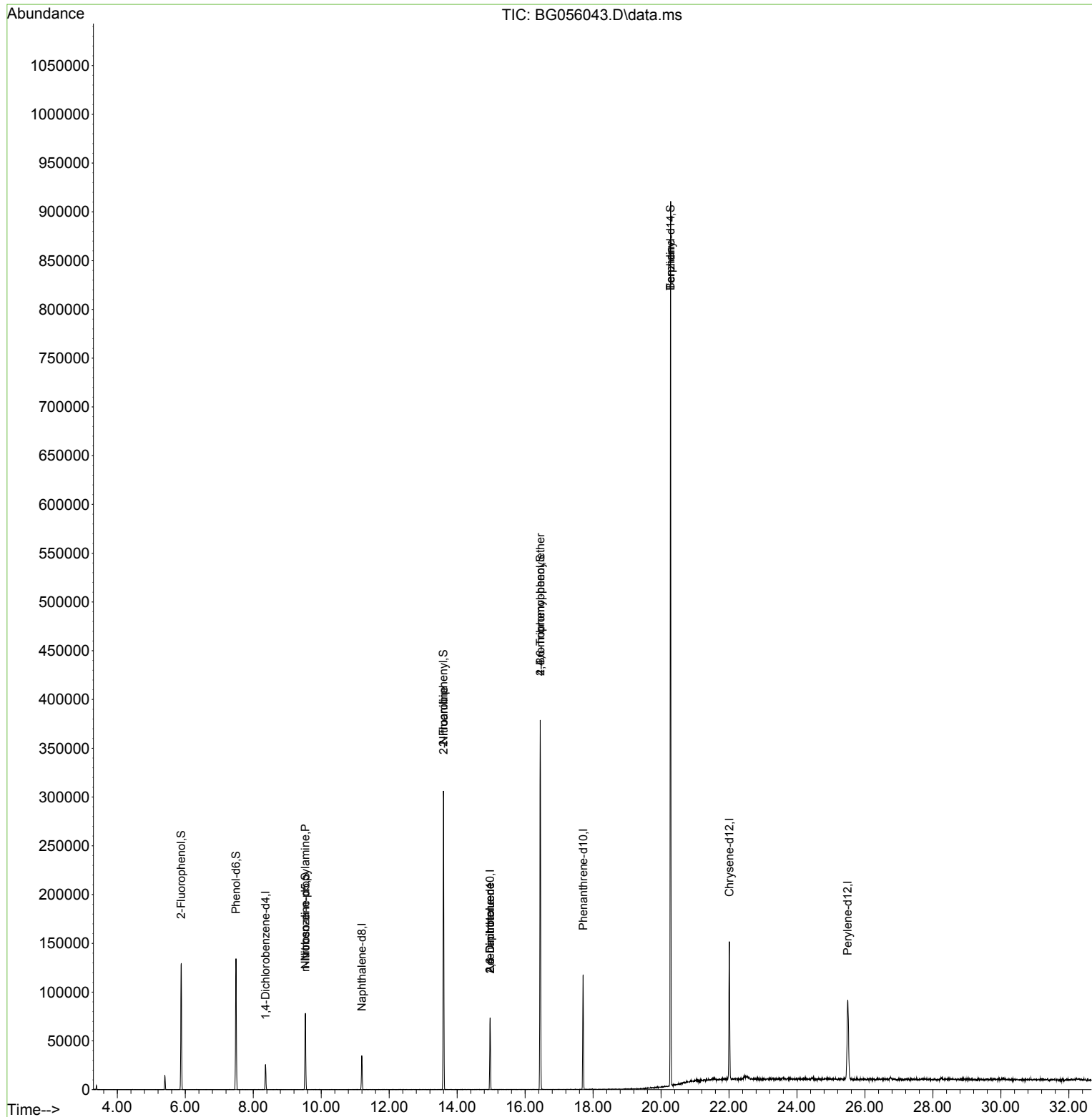
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

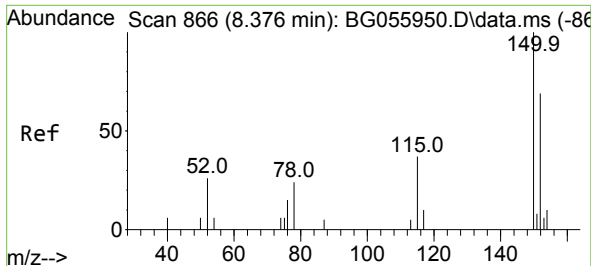
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	8482	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	30895	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	28688	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	88086	20.000	ng	0.00
76) Chrysene-d12	22.010	240	100482	20.000	ng	0.00
86) Perylene-d12	25.494	264	110282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	53743	148.593	ng	0.00
7) Phenol-d6	7.491	99	64395	138.434	ng	0.00
23) Nitrobenzene-d5	9.536	82	41868	94.702	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	99879	144.385	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	169355	82.793	ng	0.00
79) Terphenyl-d14	20.282	244	505201	88.860	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.530	70	6488	19.458	ng	# 62
48) 2-Nitroaniline	13.602	65	59	2.993	ng	# 1
51) 2,6-Dinitrotoluene	14.971	165	3766	9.812	ng	# 25
57) 2,4-Dinitrotoluene	14.971	165	3766	6.500	ng	# 35
67) 4-Bromophenyl-phenylether	16.446	248	5481	4.246	ng	# 1
77) Benzidine	20.282	184	7480	4.239	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
Data File : BG056043.D
Acq On : 21 Dec 2022 10:56
Operator : CG/JU
Sample : PB149688BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

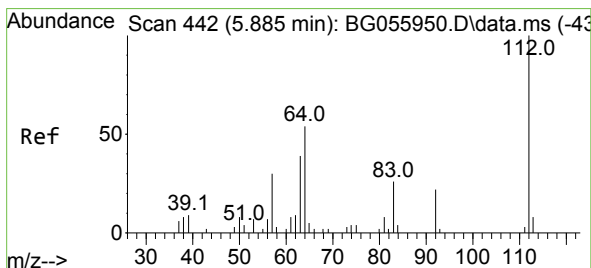
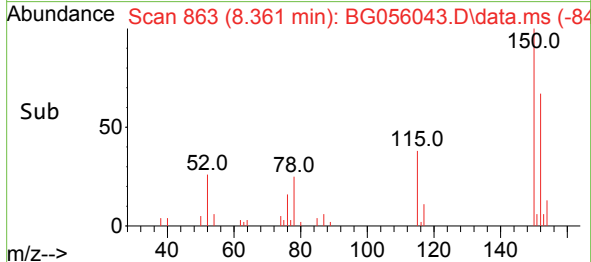
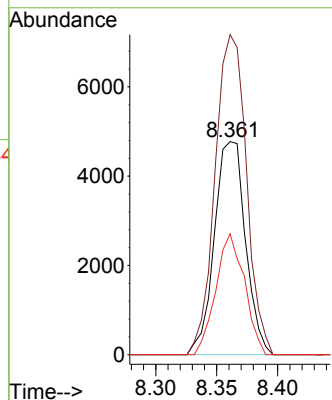
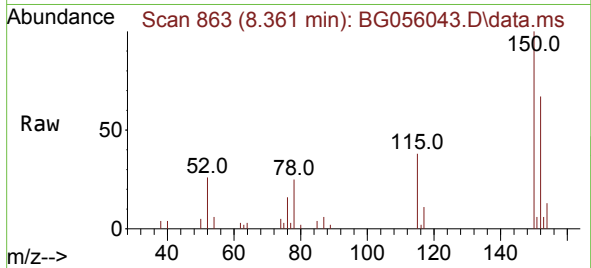
Quant Time: Dec 22 01:22:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
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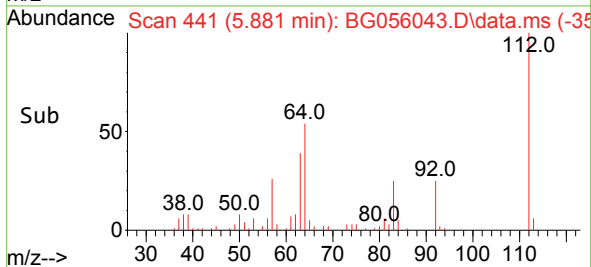
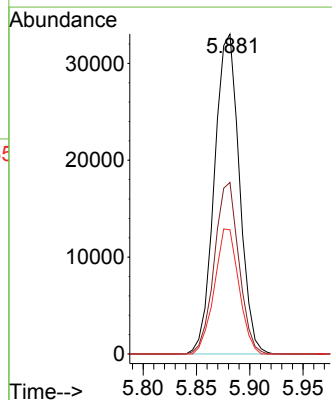
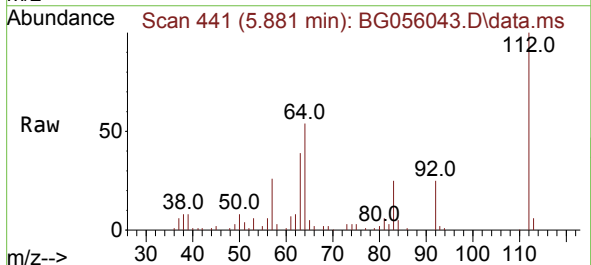
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 863
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

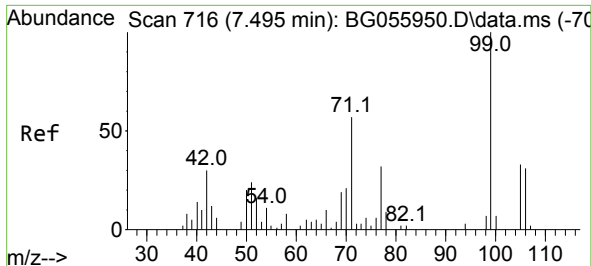
Tgt Ion:152 Resp: 8482
Ion Ratio Lower Upper
152 100
150 150.1 115.7 173.5
115 56.7 43.0 64.4



#5
2-Fluorophenol
Concen: 148.593 ng
RT: 5.881 min Scan# 441
Delta R.T. 0.002 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

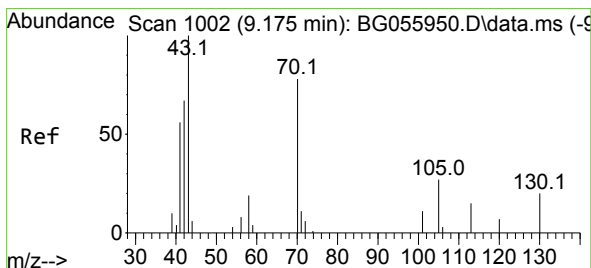
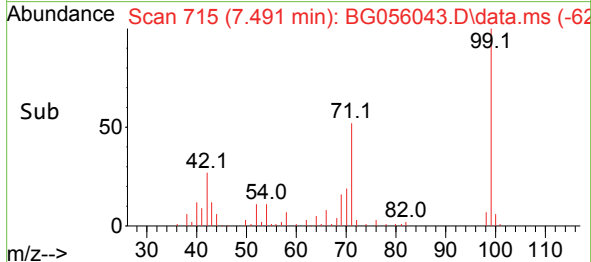
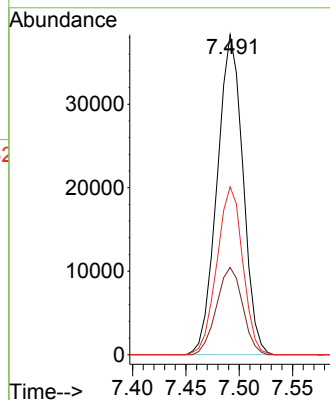
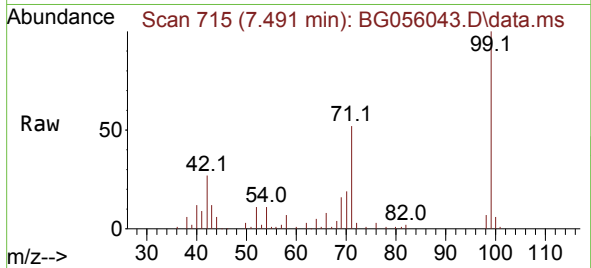
Tgt Ion:112 Resp: 53743
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 38.8 31.4 47.2





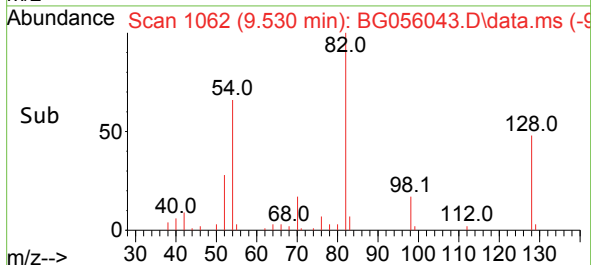
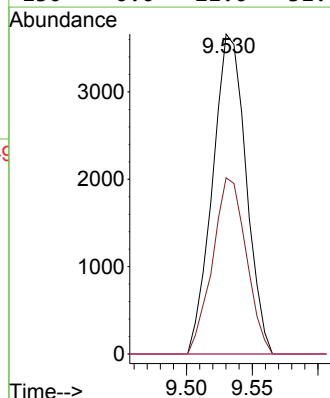
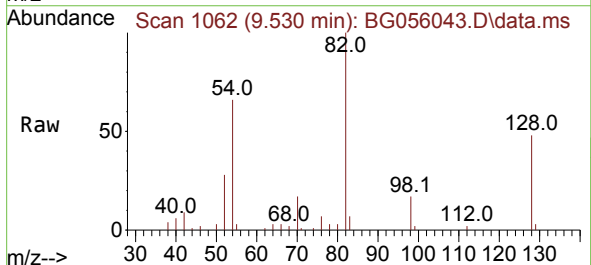
#7
Phenol-d6
Concen: 138.434 ng
RT: 7.491 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

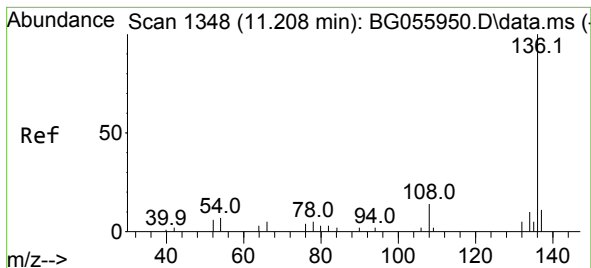
Tgt Ion: 99 Resp: 64395
Ion Ratio Lower Upper
99 100
42 27.2 24.3 36.5
71 52.4 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.458 ng
RT: 9.530 min Scan# 1062
Delta R.T. 0.360 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

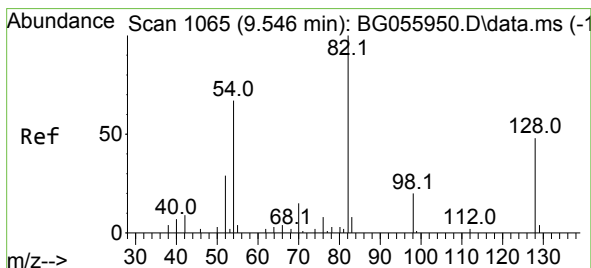
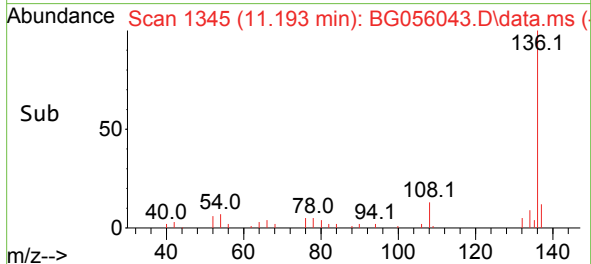
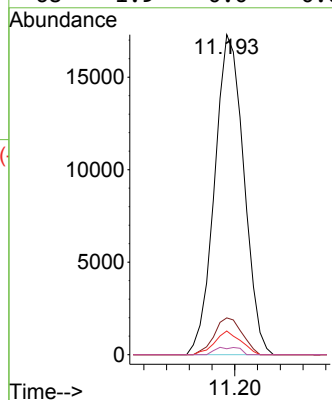
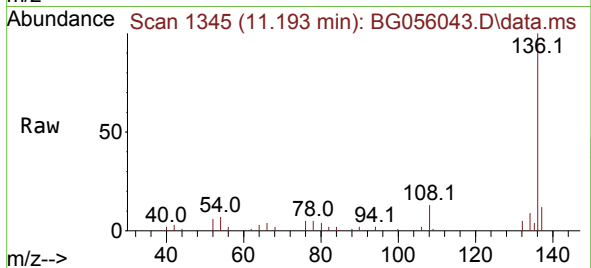
Tgt Ion: 70 Resp: 6488
Ion Ratio Lower Upper
70 100
42 55.0 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#





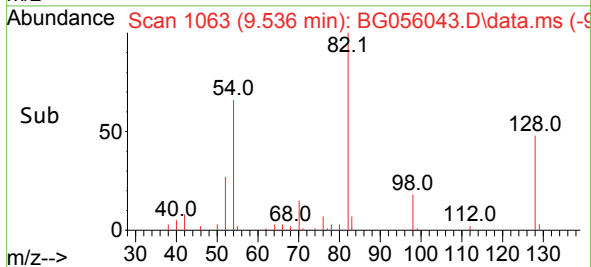
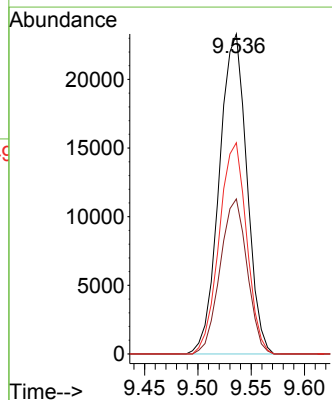
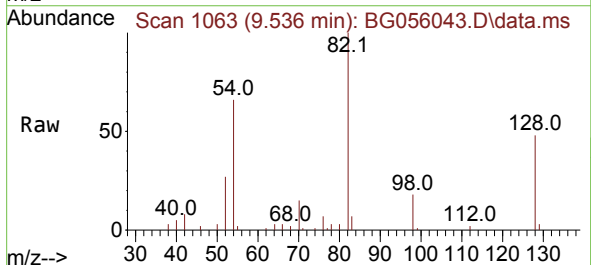
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1345
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

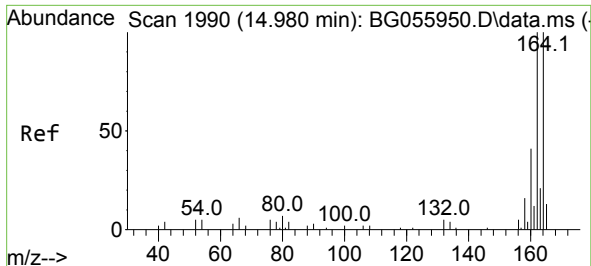
Tgt Ion:	136	Resp:	30895
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	7.4	5.6	8.4
68	1.9	0.0	0.0#



#23
Nitrobenzene-d5
Concen: 94.702 ng
RT: 9.536 min Scan# 1063
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

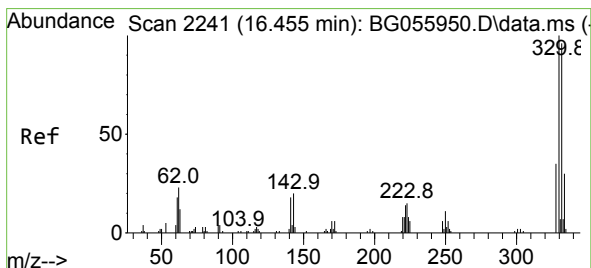
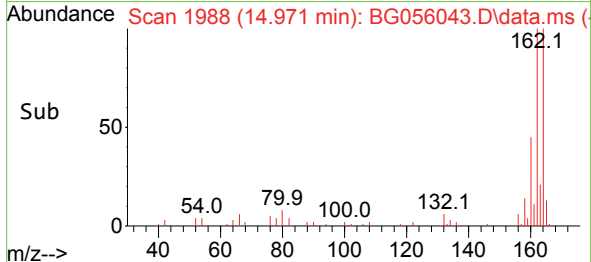
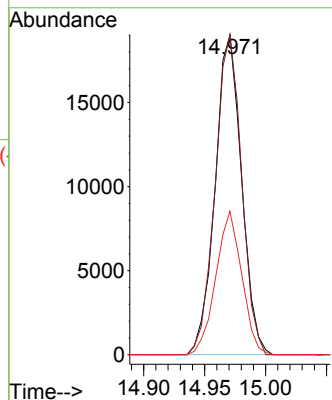
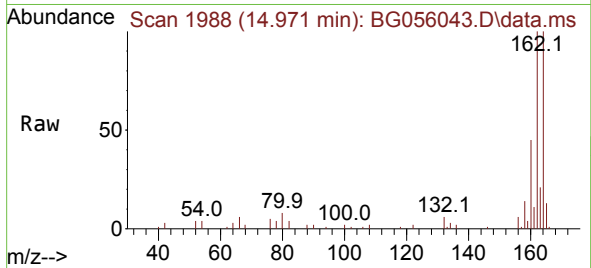
Tgt Ion:	82	Resp:	41868
Ion Ratio	Lower	Upper	
82	100		
128	48.5	38.4	57.6
54	66.0	53.3	79.9





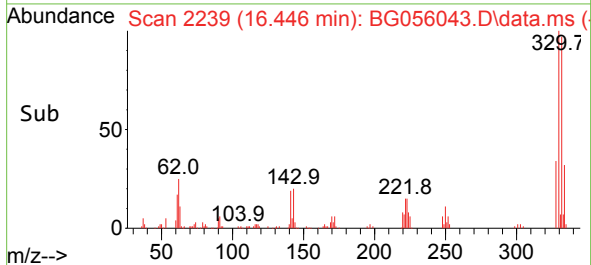
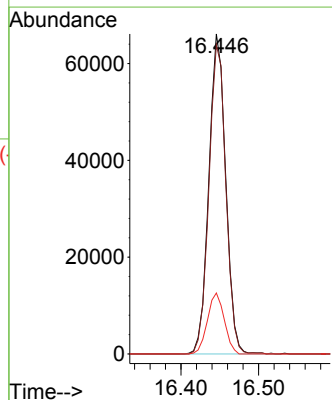
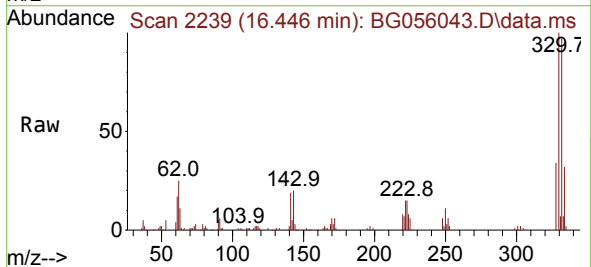
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1988
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

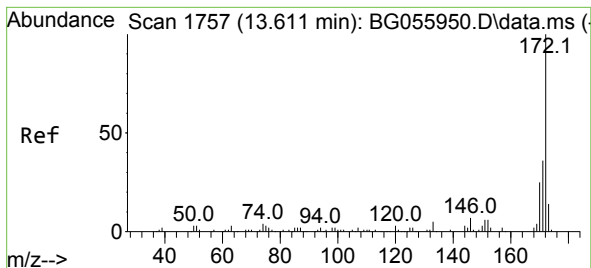
Tgt Ion:164 Resp: 28688
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.9 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 144.385 ng
RT: 16.446 min Scan# 2239
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

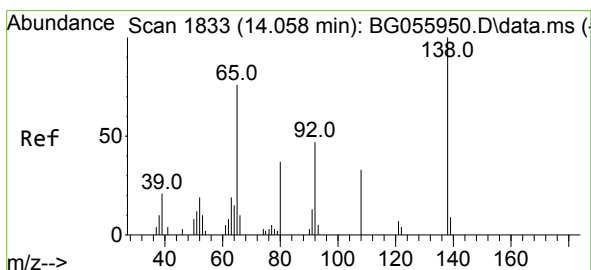
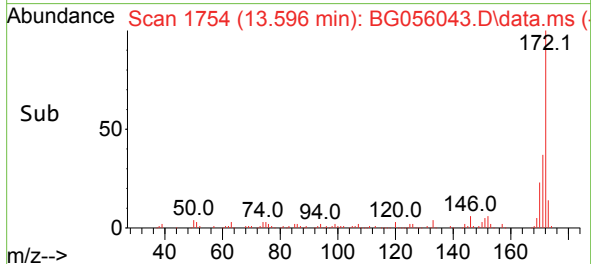
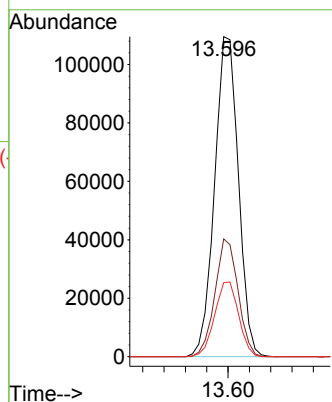
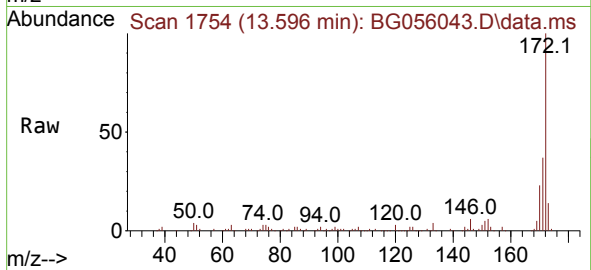
Tgt Ion:330 Resp: 99879
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 19.0 15.0 22.4





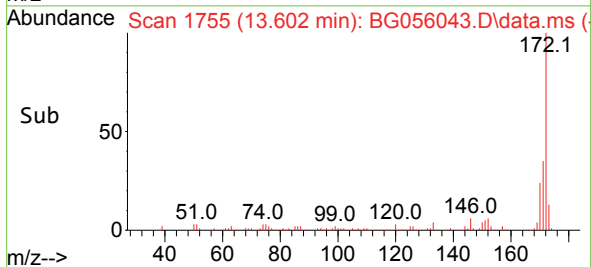
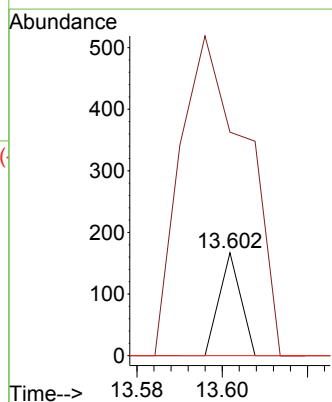
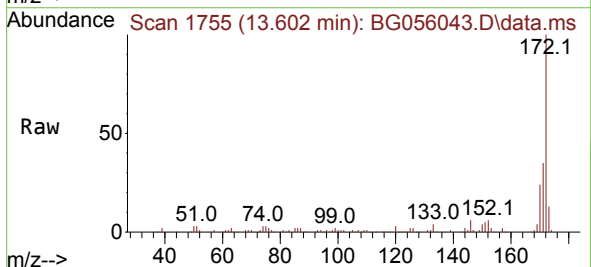
#45
2-Fluorobiphenyl
Concen: 82.793 ng
RT: 13.596 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

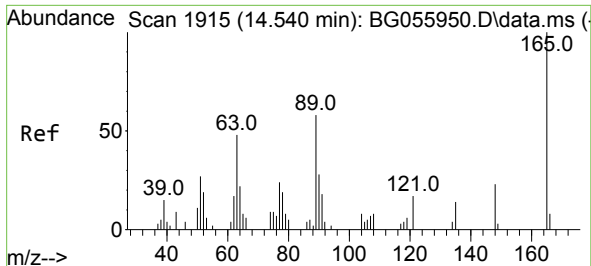
Tgt Ion:172 Resp: 169355
Ion Ratio Lower Upper
172 100
171 36.8 28.6 42.8
170 23.1 19.9 29.9



#48
2-Nitroaniline
Concen: 2.993 ng
RT: 13.602 min Scan# 1755
Delta R.T. -0.450 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

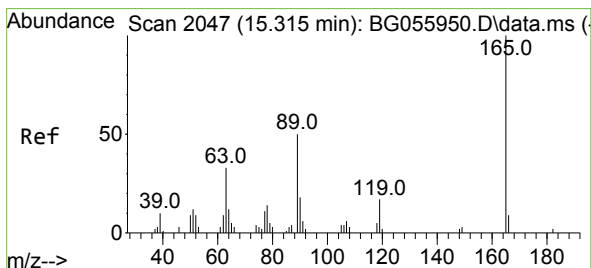
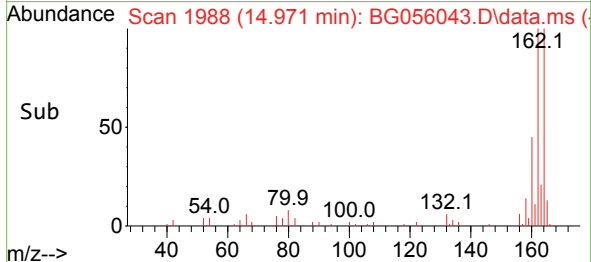
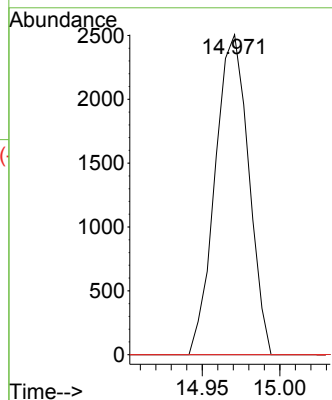
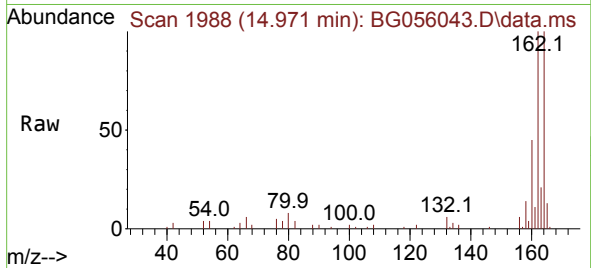
Tgt Ion: 65 Resp: 59
Ion Ratio Lower Upper
65 100
92 217.4 49.7 74.5#
138 0.0 105.0 157.6#





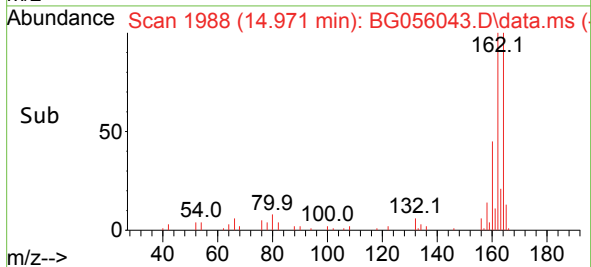
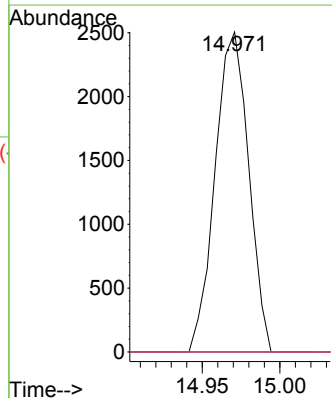
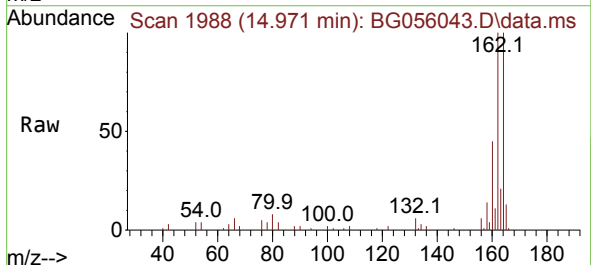
#51
2,6-Dinitrotoluene
Concen: 9.812 ng
RT: 14.971 min Scan# 1988
Delta R.T. 0.437 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

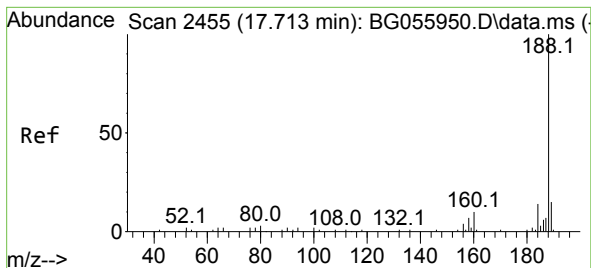
Tgt Ion:165 Resp: 3766
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 14.971 min Scan# 1988
Delta R.T. -0.345 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

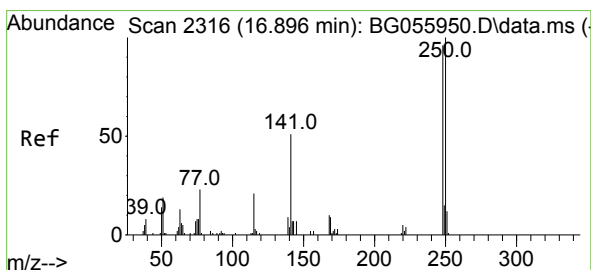
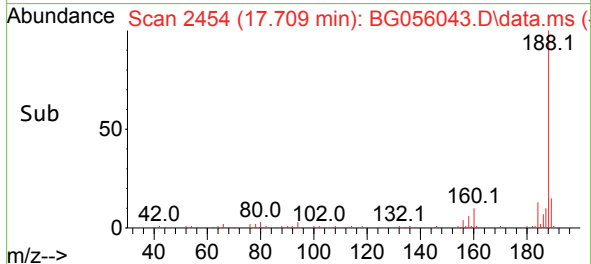
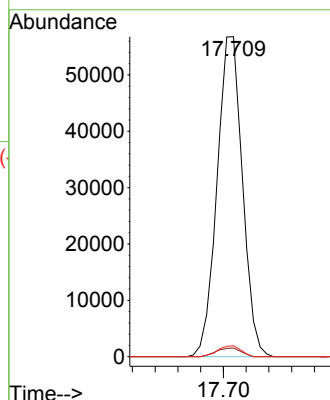
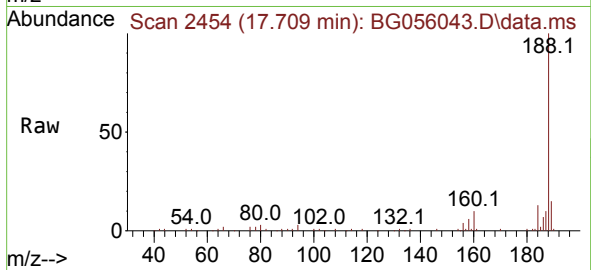
Tgt Ion:165 Resp: 3766
Ion Ratio Lower Upper
165 100
63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#





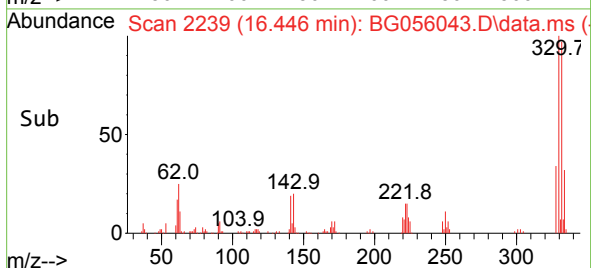
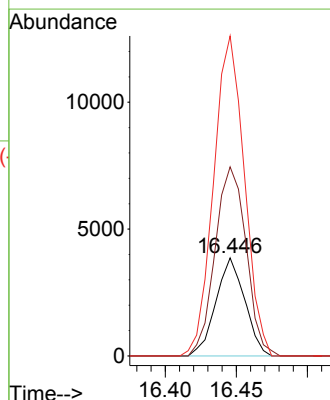
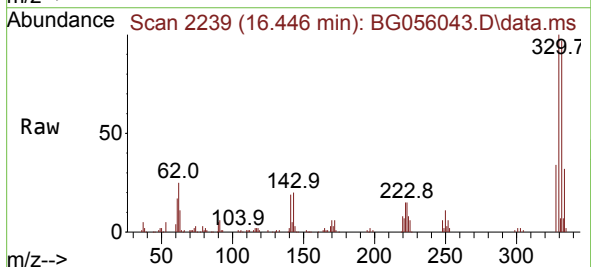
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

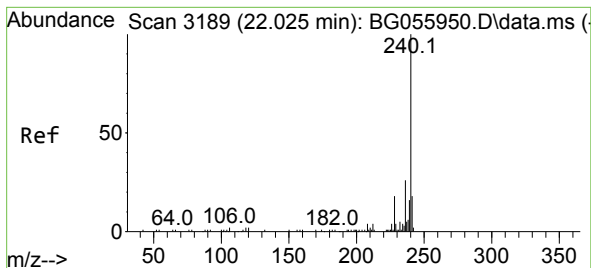
Tgt Ion:188 Resp: 88086
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 3.4 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 16.446 min Scan# 2239
Delta R.T. -0.445 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

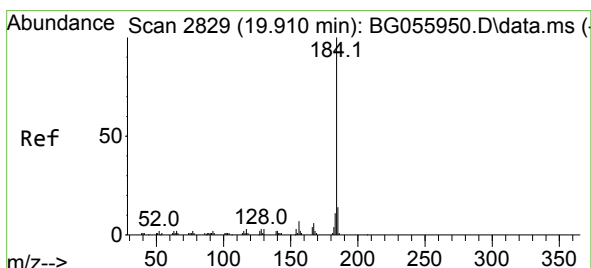
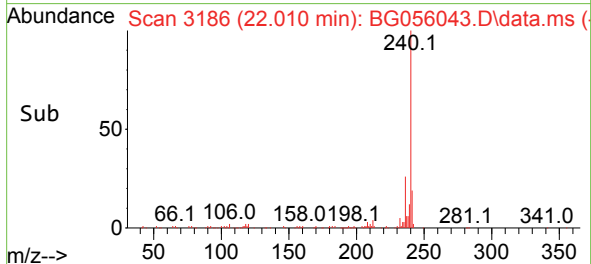
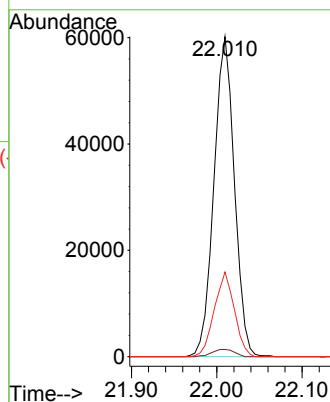
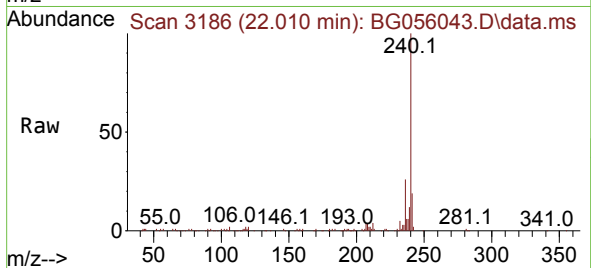
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Ion Ratio Lower Upper
248 100
250 192.9 83.0 124.6#
141 326.4 42.6 64.0#





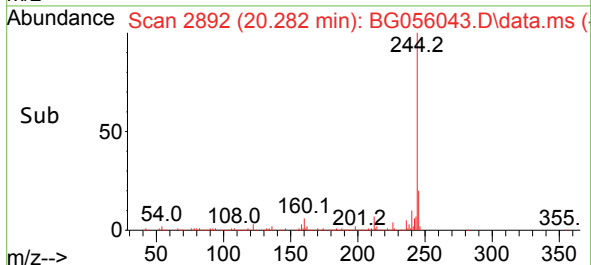
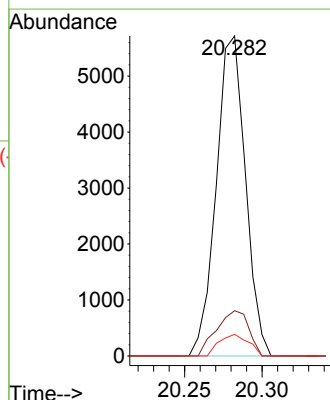
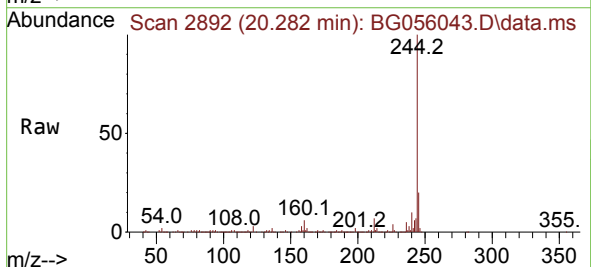
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

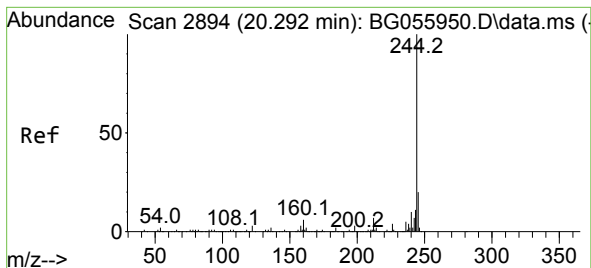
Tgt Ion:240 Resp: 100482
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.4 21.1 31.7



#77
Benzidine
Concen: 4.239 ng
RT: 20.282 min Scan# 2892
Delta R.T. 0.378 min
Lab File: BG056043.D
Acq: 21 Dec 2022 10:56

Tgt Ion:184 Resp: 7480
Ion Ratio Lower Upper
184 100
185 14.1 10.9 16.3
183 6.8 9.2 13.8#





#79

Terphenyl-d14

Concen: 88.860 ng

RT: 20.282 min Scan# 2892

Delta R.T. 0.002 min

Lab File: BG056043.D

Acq: 21 Dec 2022 10:56

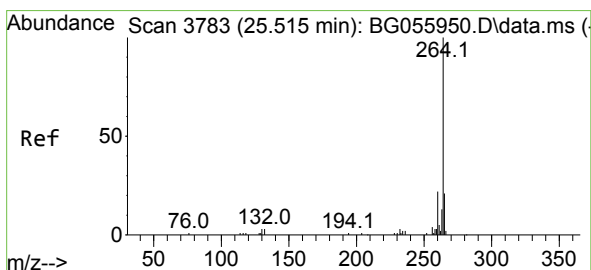
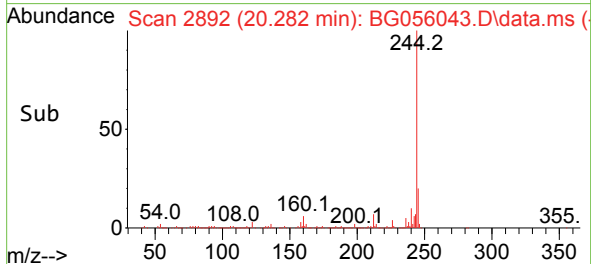
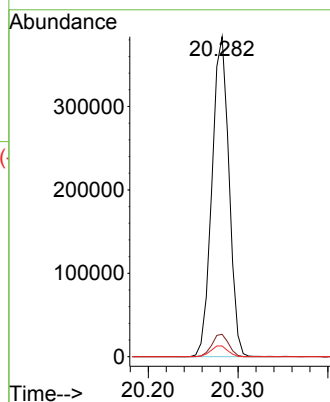
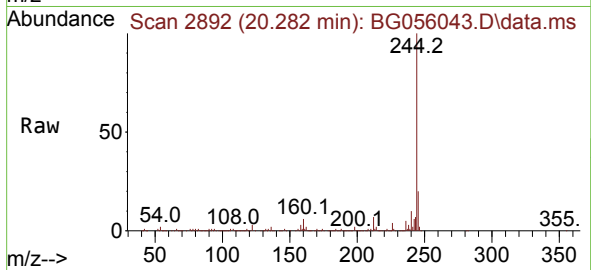
Tgt Ion:244 Resp: 505201

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 3.4 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.494 min Scan# 3779

Delta R.T. -0.004 min

Lab File: BG056043.D

Acq: 21 Dec 2022 10:56

Tgt Ion:264 Resp: 110282

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.8

265 22.8 16.6 25.0

