

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056030.D
 Acq On : 20 Dec 2022 15:02
 Operator : CG/JU
 Sample : N6023-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 02:36:58 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

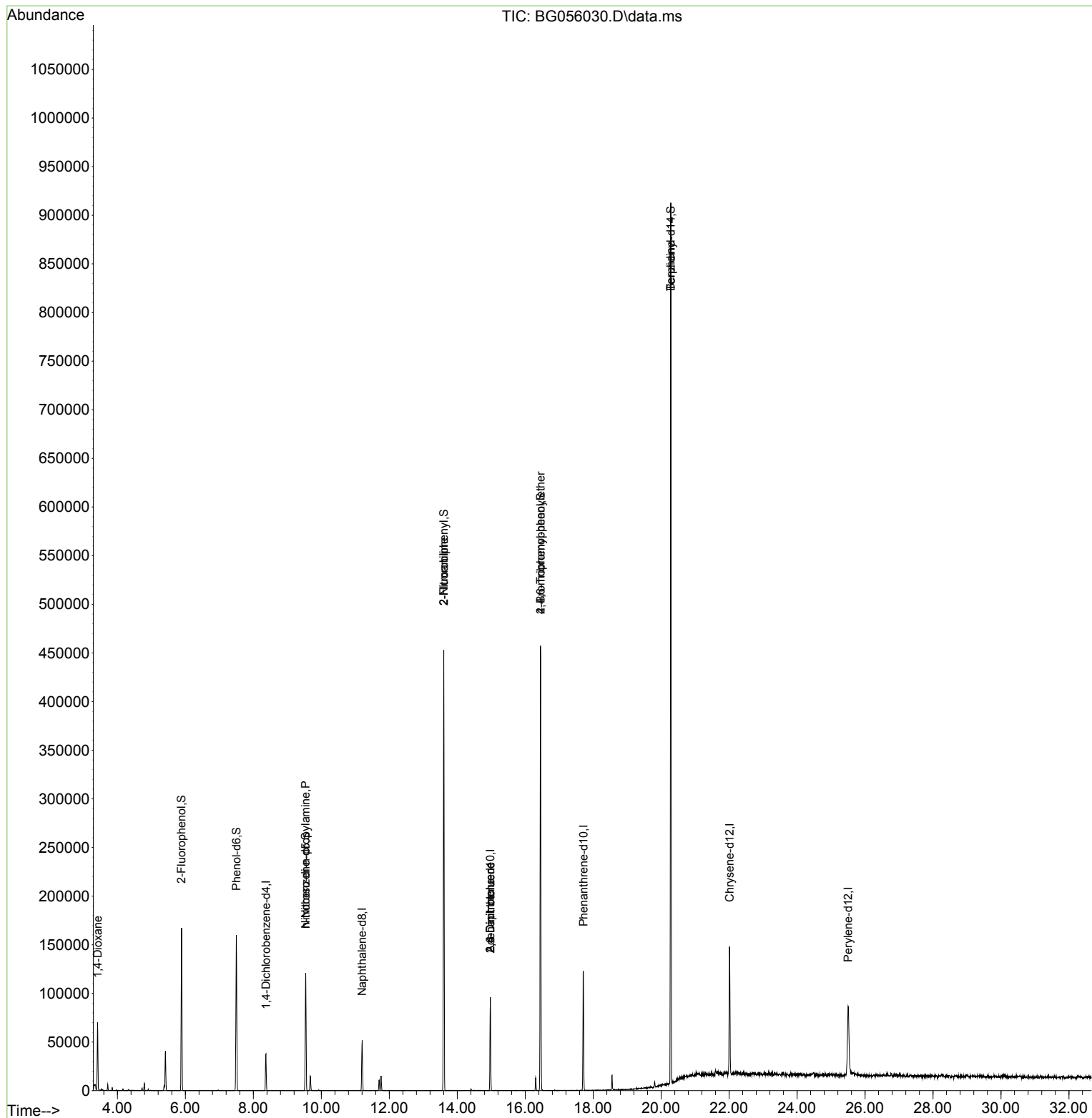
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

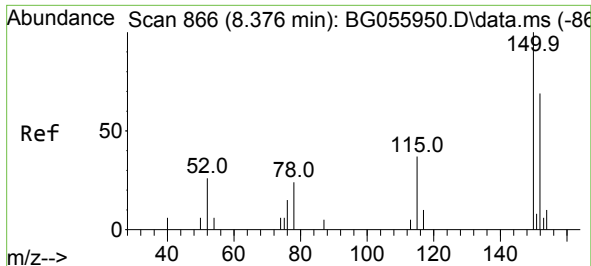
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	11501	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	45640	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	35967	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	90960	20.000	ng	0.00
76) Chrysene-d12	22.013	240	89295	20.000	ng	0.00
86) Perylene-d12	25.503	264	105059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	67640	137.925	ng	0.00
7) Phenol-d6	7.500	99	76561	121.384	ng	0.00
23) Nitrobenzene-d5	9.539	82	64433	98.657	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	123814	142.763	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	243927	95.116	ng	0.00
79) Terphenyl-d14	20.285	244	502017	99.363	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	481	3.370	ng	# 1
19) n-Nitroso-di-n-propyla...	9.539	70	9789	21.652	ng	# 63
48) 2-Nitroaniline	13.605	65	234	3.379	ng	# 1
51) 2,6-Dinitrotoluene	14.974	165	4650	9.663	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	4650	6.402	ng	# 35
67) 4-Bromophenyl-phenylether	16.455	248	7201	5.403	ng	# 1
77) Benzidine	20.285	184	7787	4.966	ng	# 93

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

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ALS Vial : 7 Sample Multiplier: 1

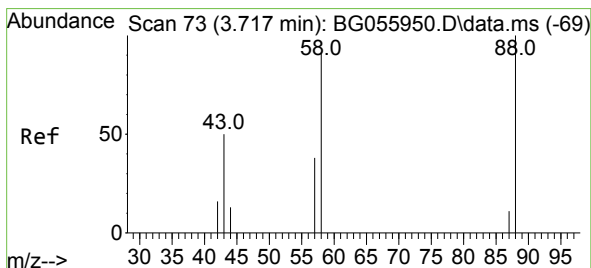
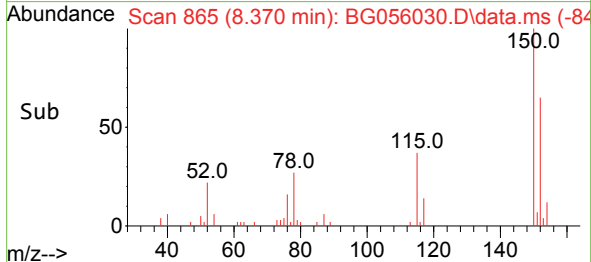
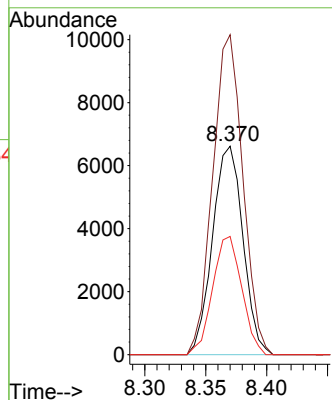
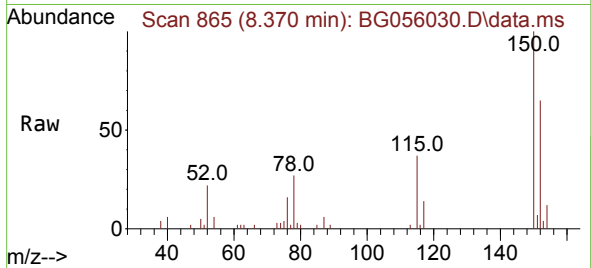
Quant Time: Dec 21 02:36:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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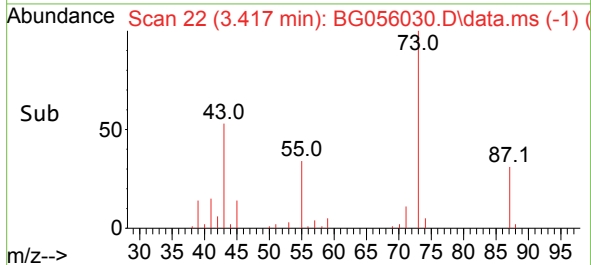
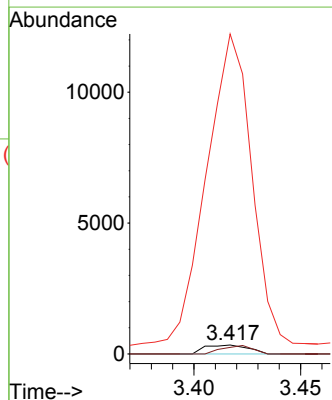
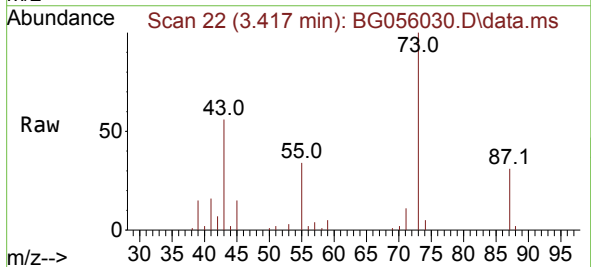
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 865
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

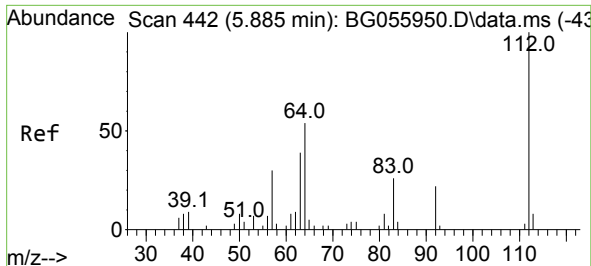
Tgt Ion:152 Resp: 11501
Ion Ratio Lower Upper
152 100
150 153.5 115.7 173.5
115 56.7 43.0 64.4



#2
1,4-Dioxane
Concen: 3.370 ng
RT: 3.417 min Scan# 22
Delta R.T. -0.289 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

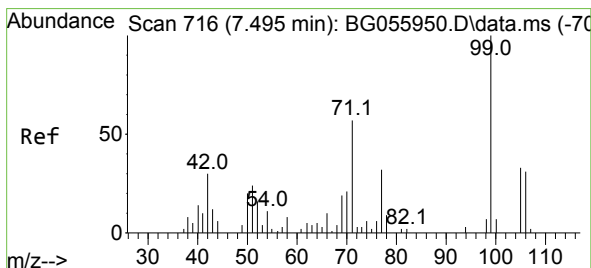
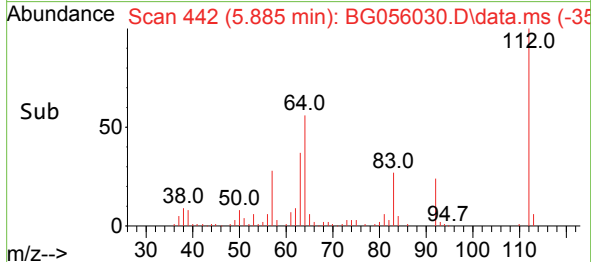
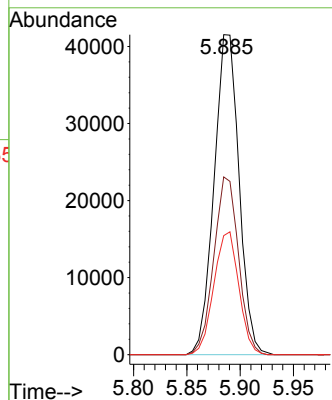
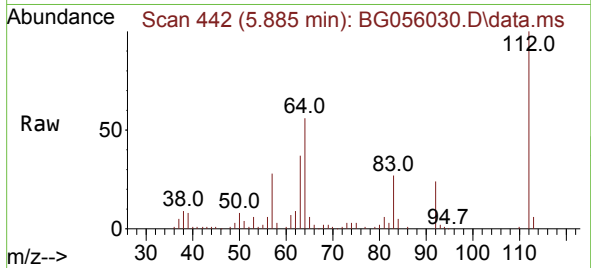
Tgt Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
58 66.1 67.0 100.4#
43 3596.5 45.7 68.5#





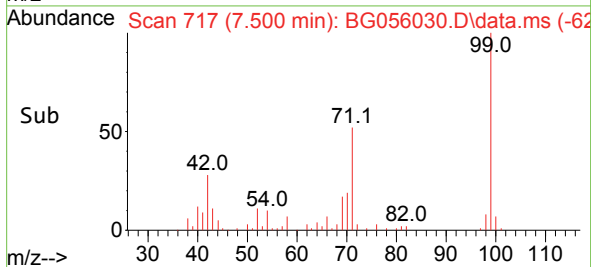
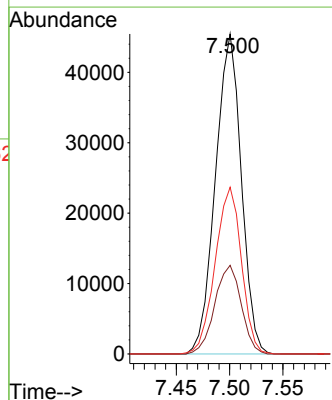
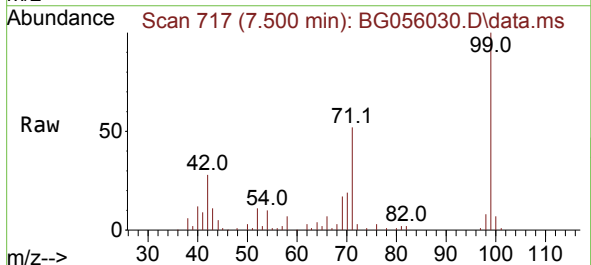
#5
2-Fluorophenol
Concen: 137.925 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

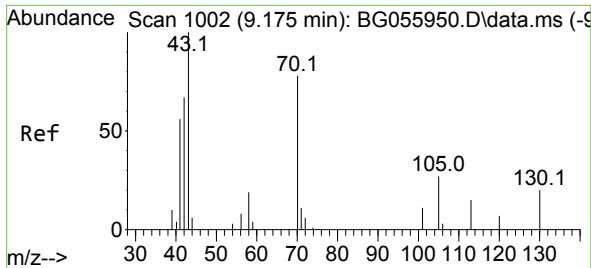
Tgt Ion:112 Resp: 67640
Ion Ratio Lower Upper
112 100
64 55.6 43.0 64.4
63 37.2 31.4 47.2



#7
Phenol-d6
Concen: 121.384 ng
RT: 7.500 min Scan# 717
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

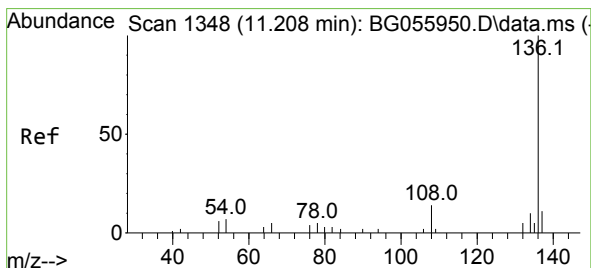
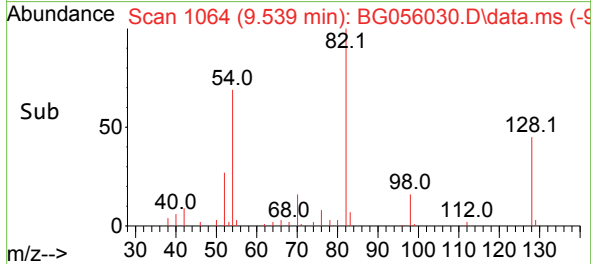
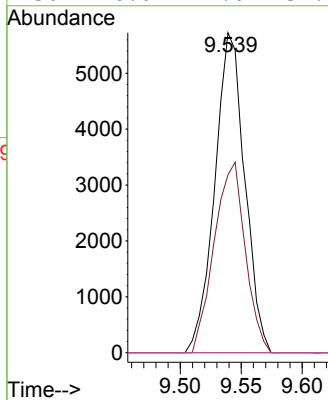
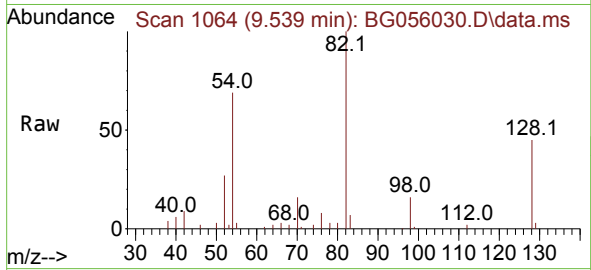
Tgt Ion: 99 Resp: 76561
Ion Ratio Lower Upper
99 100
42 27.7 24.3 36.5
71 52.1 45.6 68.4





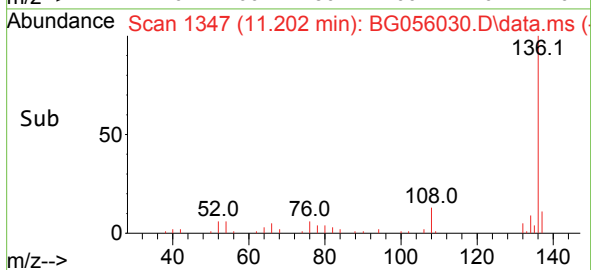
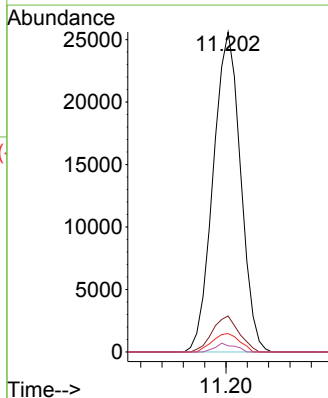
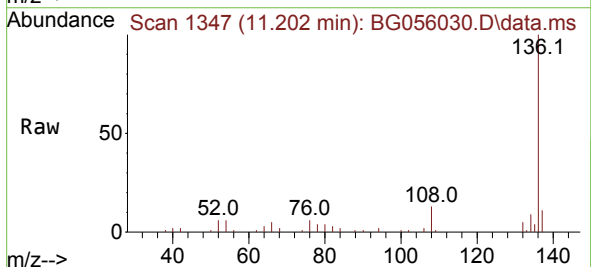
#19
n-Nitroso-di-n-propylamine
Concen: 21.652 ng
RT: 9.539 min Scan# 1064
Delta R.T. 0.369 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

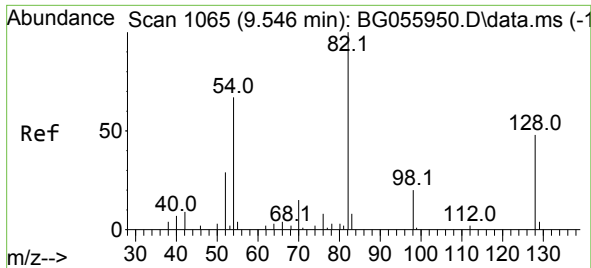
Tgt Ion:	70	Resp:	9789
Ion	Ratio	Lower	Upper
70	100		
42	55.6	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

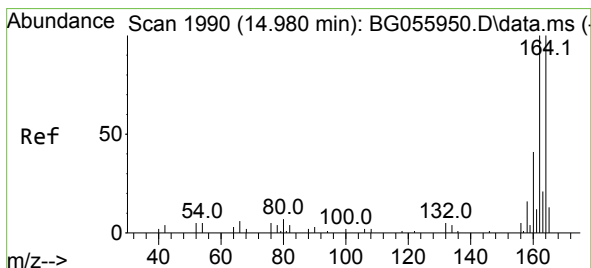
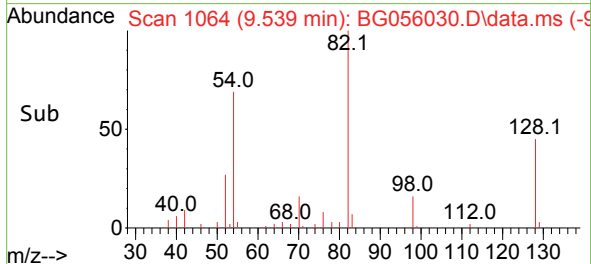
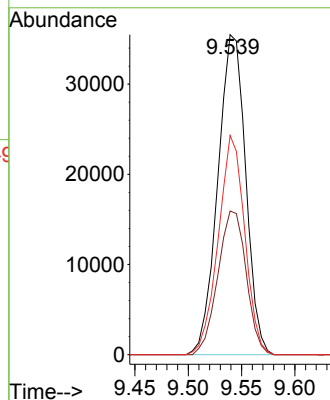
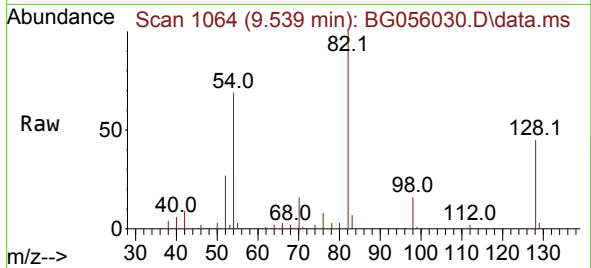
Tgt Ion:	136	Resp:	45640
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.8	5.6	8.4
68	1.9	0.0	0.0#





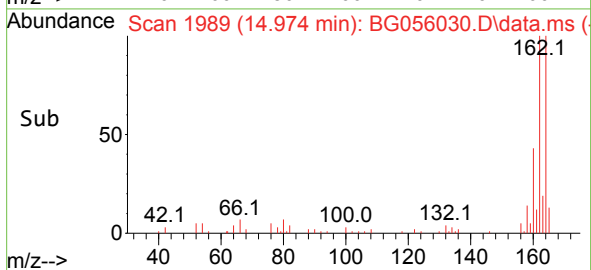
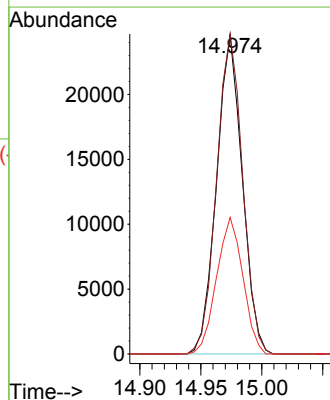
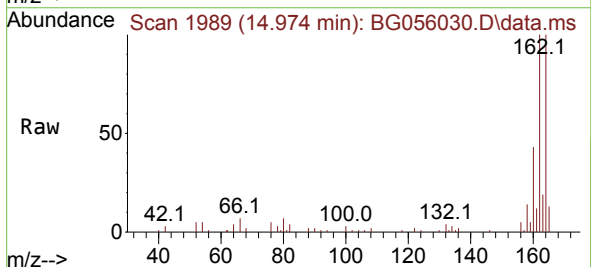
#23
Nitrobenzene-d5
Concen: 98.657 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.001 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

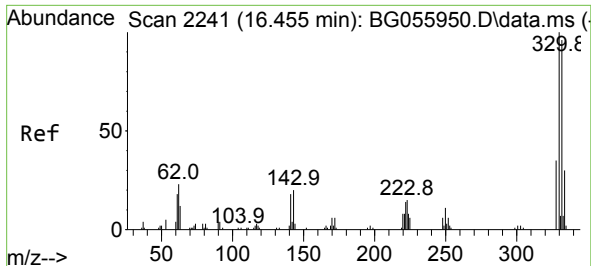
Tgt Ion: 82 Resp: 64433
Ion Ratio Lower Upper
82 100
128 44.9 38.4 57.6
54 68.5 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

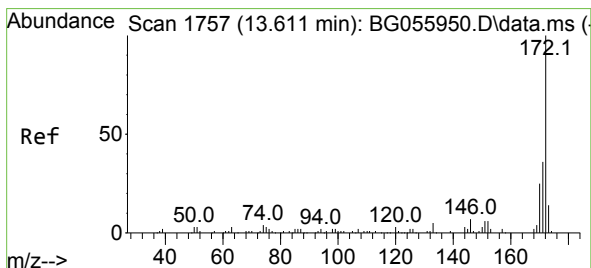
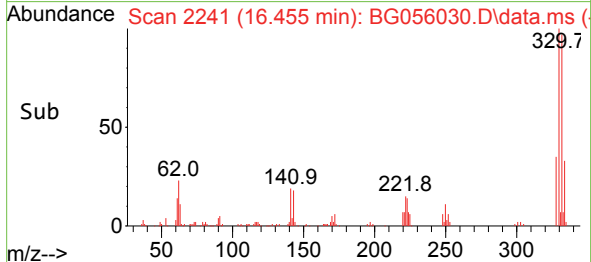
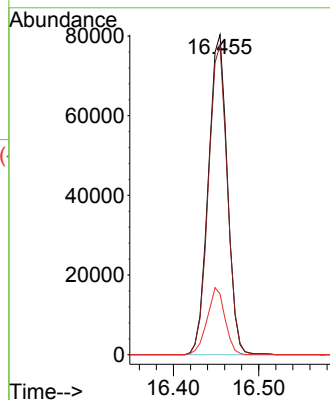
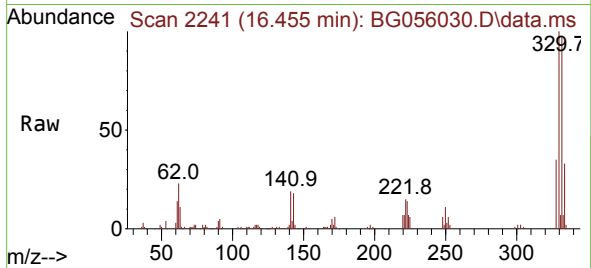
Tgt Ion:164 Resp: 35967
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 42.8 33.0 49.4





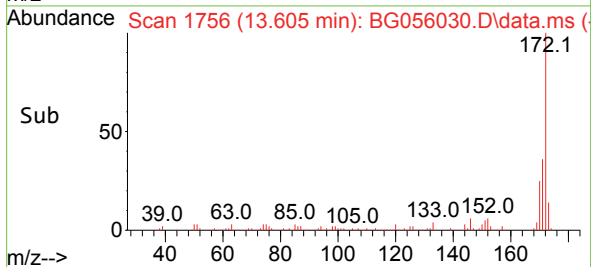
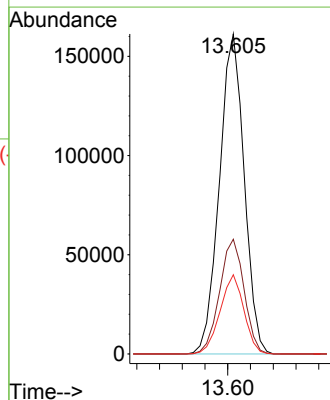
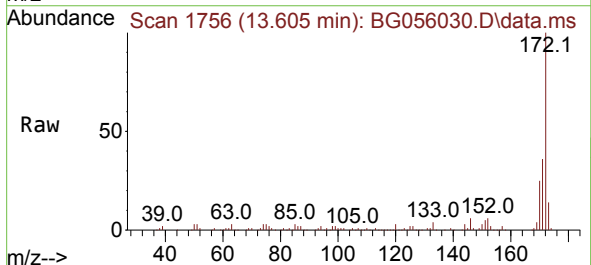
#42
2,4,6-Tribromophenol
Concen: 142.763 ng
RT: 16.455 min Scan# 2241
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

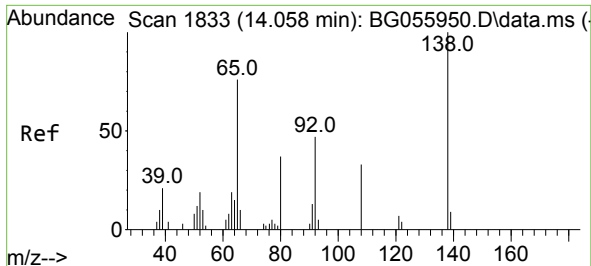
Tgt Ion:330 Resp: 123814
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 19.7 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 95.116 ng
RT: 13.605 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

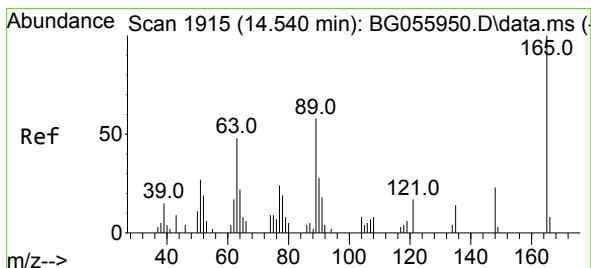
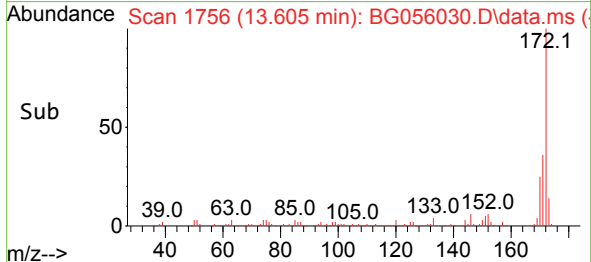
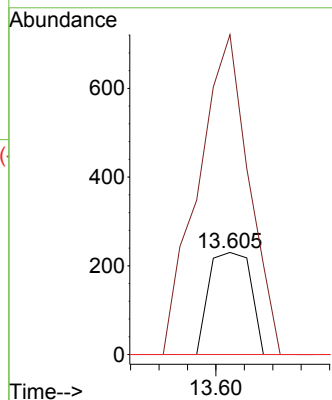
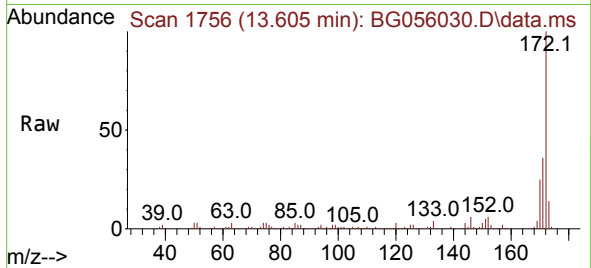
Tgt Ion:172 Resp: 243927
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.7 19.9 29.9





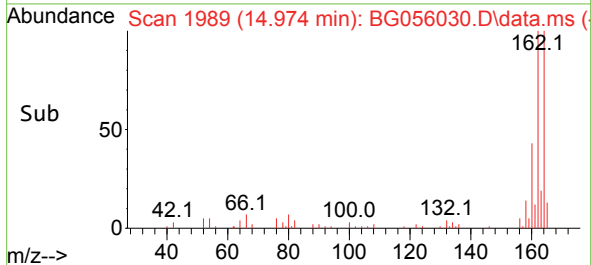
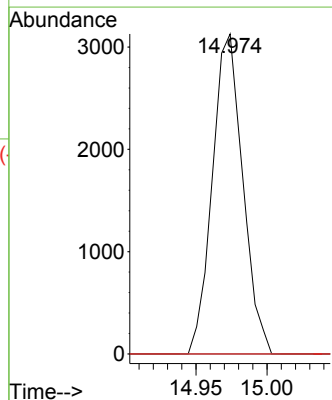
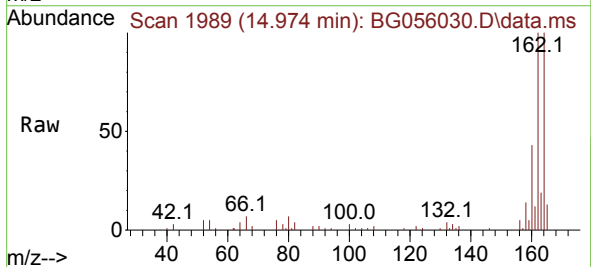
#48
2-Nitroaniline
Concen: 3.379 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.447 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

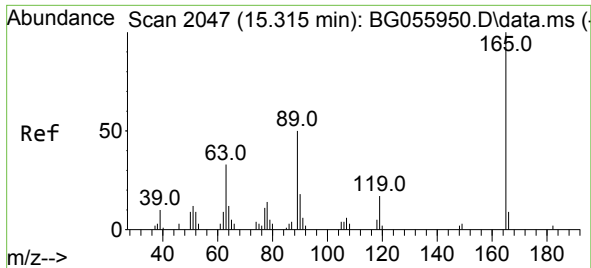
Tgt Ion: 65 Resp: 234
Ion Ratio Lower Upper
65 100
92 313.5 49.7 74.5#
138 0.0 105.0 157.6#



#51
2,6-Dinitrotoluene
Concen: 9.663 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.440 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

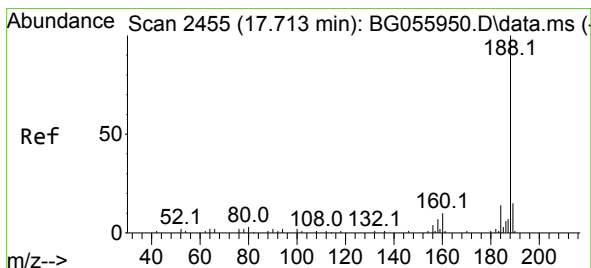
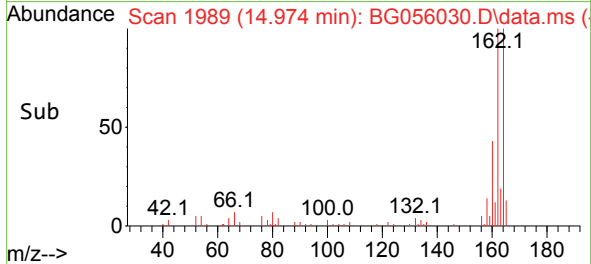
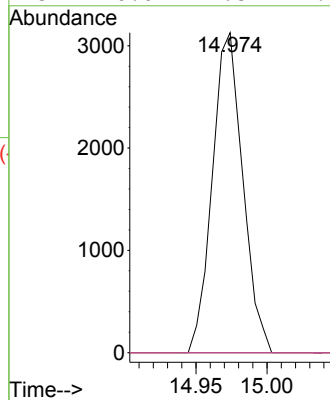
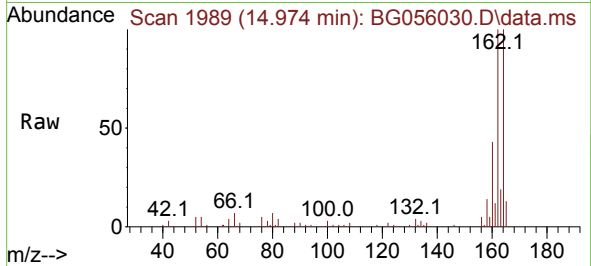
Tgt Ion:165 Resp: 4650
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#





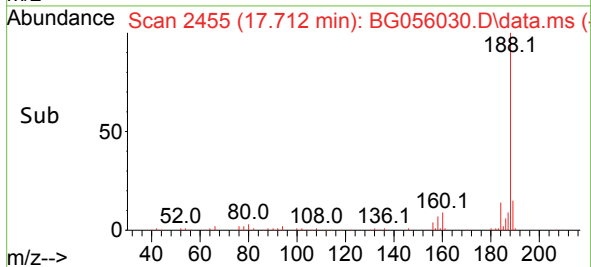
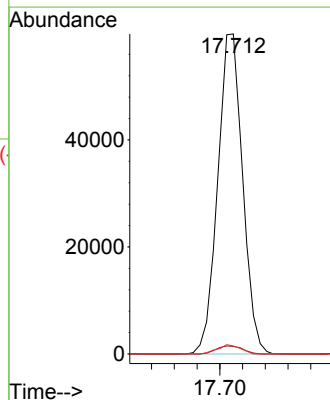
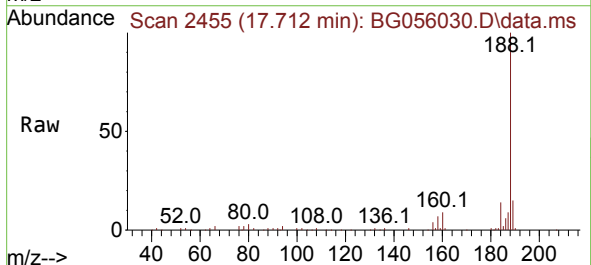
#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

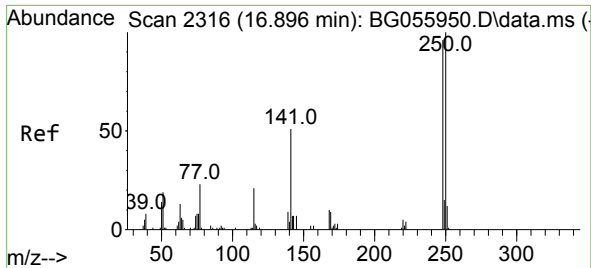
Tgt Ion:165	Resp:	4650
Ion Ratio	Lower	Upper
165	100	
63	0.0	26.6 39.8#
89	0.0	40.1 60.1#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2455
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

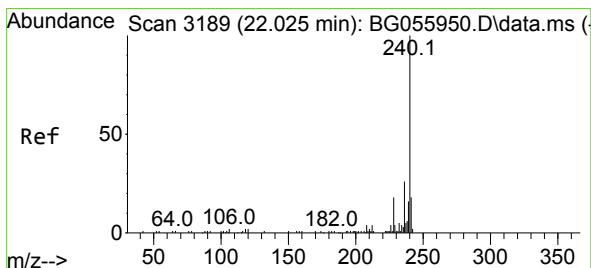
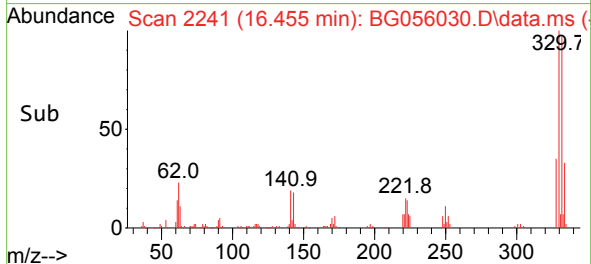
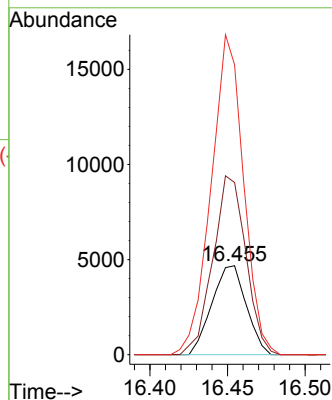
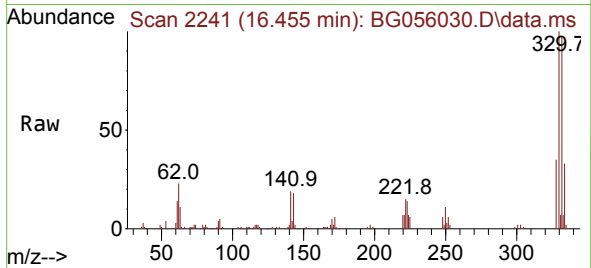
Tgt Ion:188	Resp:	90960
Ion Ratio	Lower	Upper
188	100	
94	2.3	1.8 2.8
80	2.5	2.4 3.6





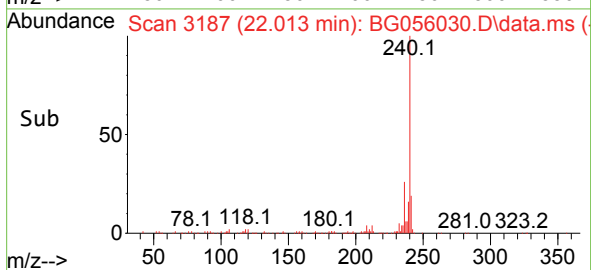
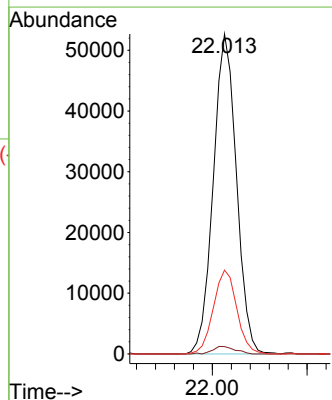
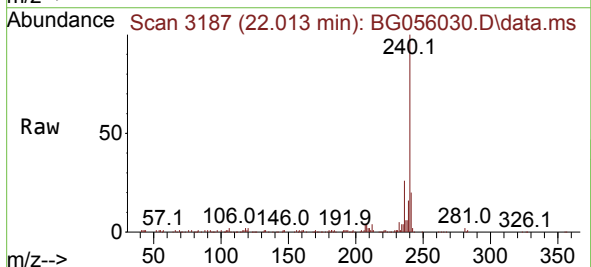
#67
4-Bromophenyl-phenylether
Concen: 5.403 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.436 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

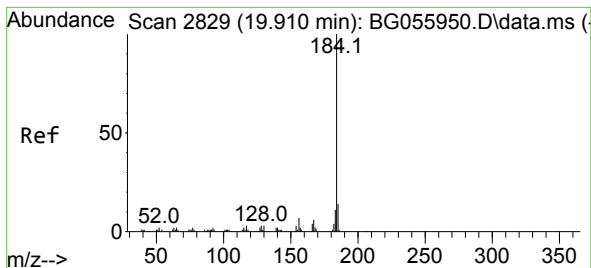
Tgt Ion:248 Resp: 7201
Ion Ratio Lower Upper
248 100
250 193.4 83.0 124.6#
141 325.4 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

Tgt Ion:240 Resp: 89295
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 26.2 21.1 31.7





#77

Benzidine

Concen: 4.966 ng

RT: 20.285 min Scan# 2893

Delta R.T. 0.381 min

Lab File: BG056030.D

Acq: 20 Dec 2022 15:02

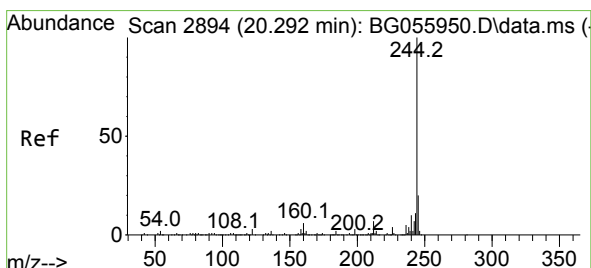
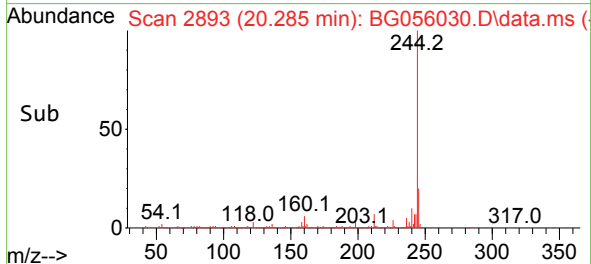
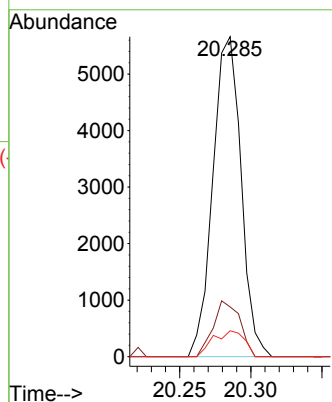
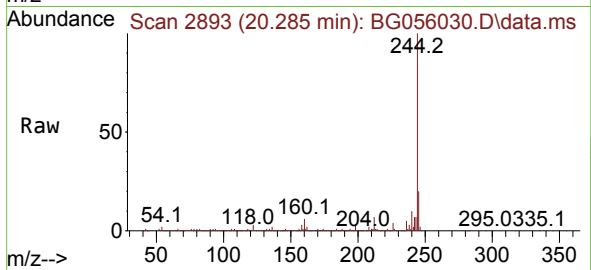
Tgt Ion:184 Resp: 7787

Ion Ratio Lower Upper

184 100

185 15.5 10.9 16.3

183 8.1 9.2 13.8#



#79

Terphenyl-d14

Concen: 99.363 ng

RT: 20.285 min Scan# 2893

Delta R.T. 0.005 min

Lab File: BG056030.D

Acq: 20 Dec 2022 15:02

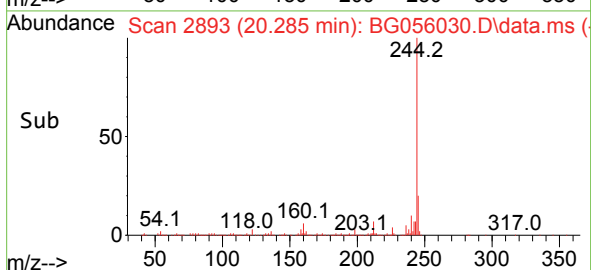
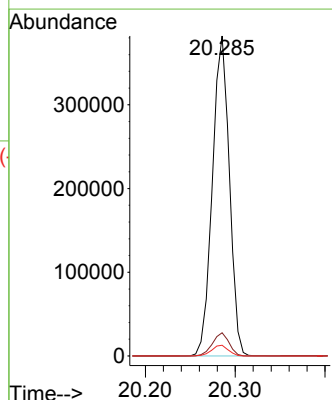
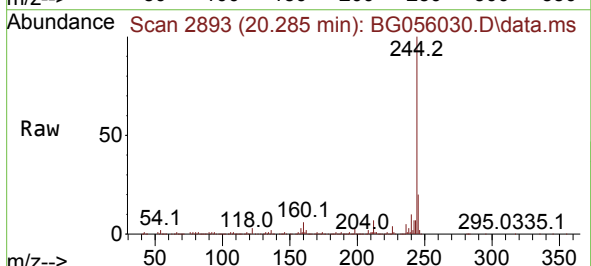
Tgt Ion:244 Resp: 502017

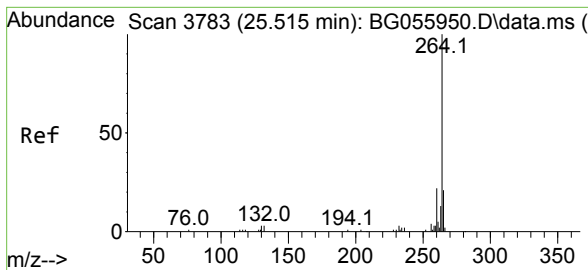
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 3.4 2.5 3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.503 min Scan# 3781
Delta R.T. 0.005 min
Lab File: BG056030.D
Acq: 20 Dec 2022 15:02

Tgt Ion:264	Resp:	105059
Ion Ratio	Lower	Upper
264	100	
260	23.0	17.8 26.8
265	22.8	16.6 25.0

