

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055965.D
 Acq On : 14 Dec 2022 18:47
 Operator : CG/JU
 Sample : N6001-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17

Quant Time: Dec 15 00:51:52 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 14 02:24:06 2022
 Response via : Initial Calibration

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

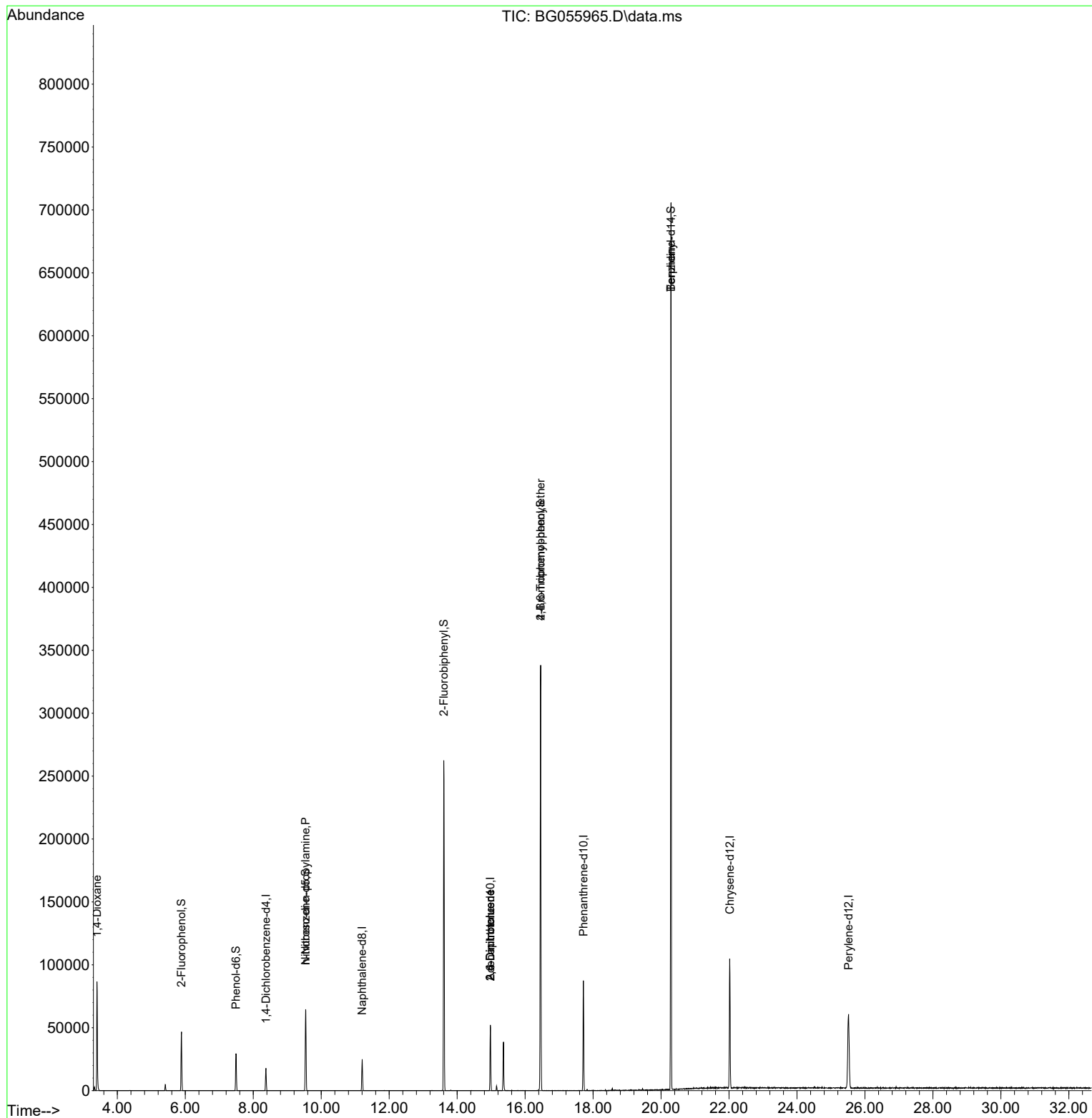
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	5676	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	21204	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	20717	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	63320	20.000	ng	0.00
76) Chrysene-d12	22.019	240	72136	20.000	ng	0.00
86) Perylene-d12	25.515	264	87006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	19375	80.053	ng	0.00
7) Phenol-d6	7.489	99	14268	45.836	ng	0.00
23) Nitrobenzene-d5	9.540	82	33652	110.907	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	89150	178.461	ng	0.00
45) 2-Fluorobiphenyl	13.605	172	143431	97.099	ng	0.00
79) Terphenyl-d14	20.292	244	381253	93.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.400	88	649	9.214	ng	# 1
19) n-Nitroso-di-n-propyla...	9.540	70	5391	24.161	ng	# 63
51) 2,6-Dinitrotoluene	14.974	165	2711	9.781	ng	# 25
57) 2,4-Dinitrotoluene	14.974	165	2711	6.480	ng	# 35
67) 4-Bromophenyl-phenylether	16.455	248	5026	5.417	ng	# 1
77) Benzidine	20.292	184	5927	4.679	ng	# 83

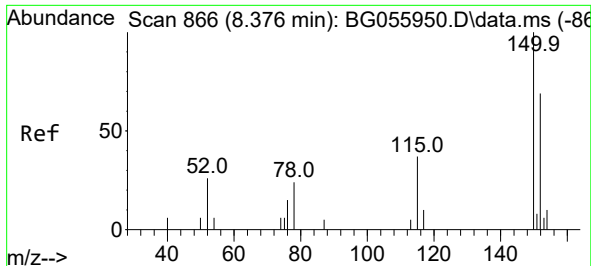
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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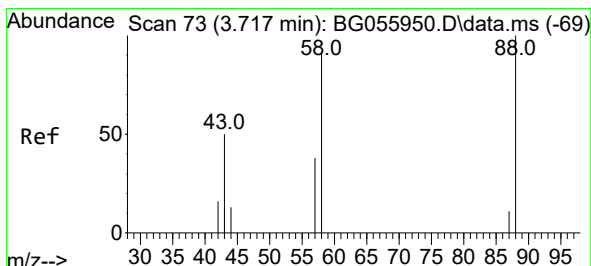
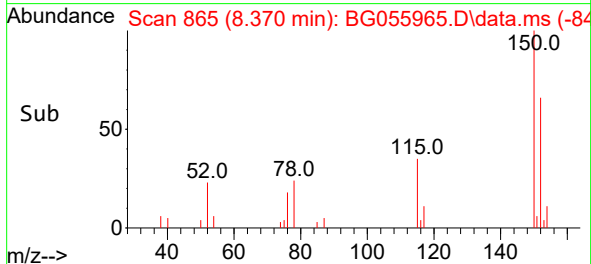
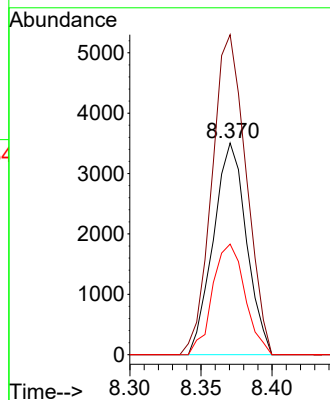
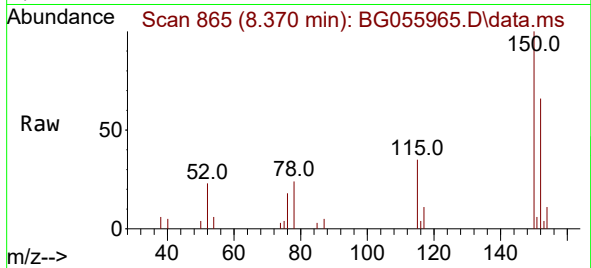




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

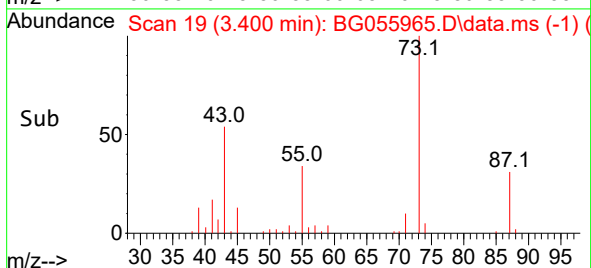
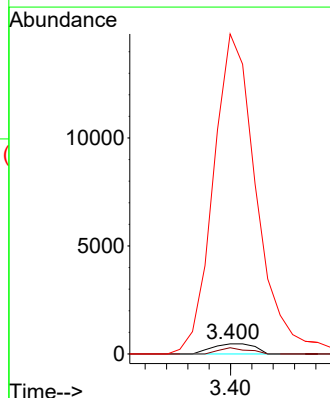
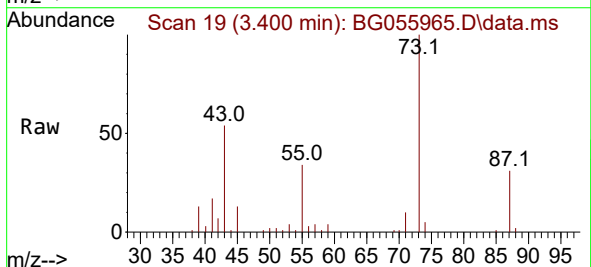
Instrument :
BNA_G
ClientSampleId :
MW-17

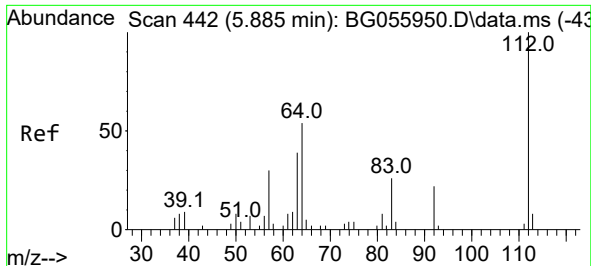
Tgt Ion:152 Resp: 5676
Ion Ratio Lower Upper
152 100
150 151.1 115.7 173.5
115 52.2 43.0 64.4



#2
1,4-Dioxane
Concen: 9.214 ng
RT: 3.400 min Scan# 19
Delta R.T. -0.317 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion: 88 Resp: 649
Ion Ratio Lower Upper
88 100
58 42.4 67.0 100.4#
43 3264.6 45.7 68.5#

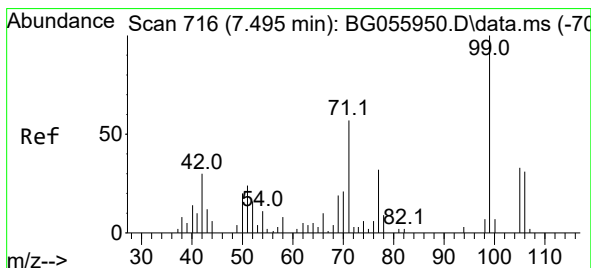
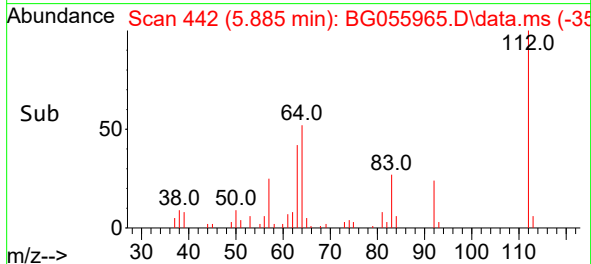
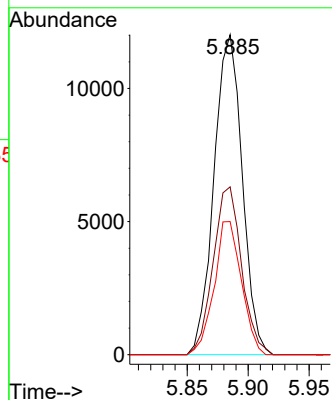
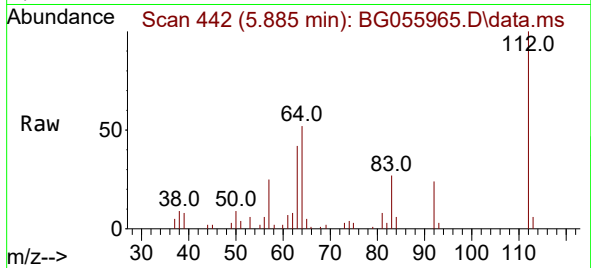




#5
2-Fluorophenol
Concen: 80.053 ng
RT: 5.885 min Scan# 441
Delta R.T. -0.000 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

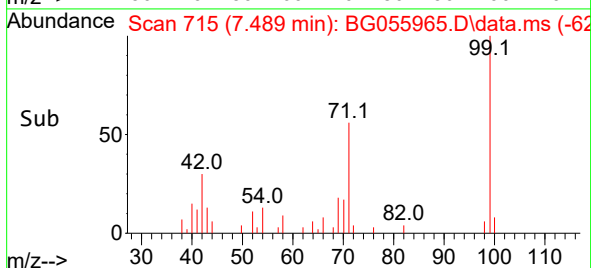
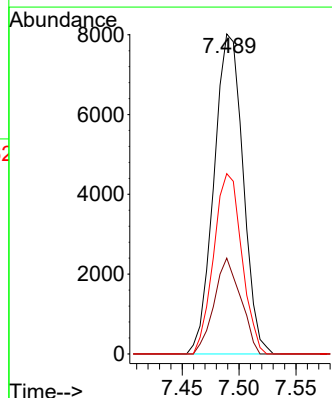
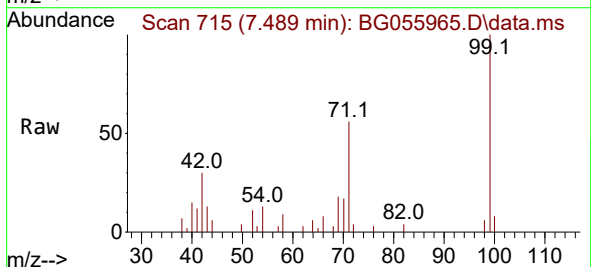
Instrument :
BNA_G
ClientSampleId :
MW-17

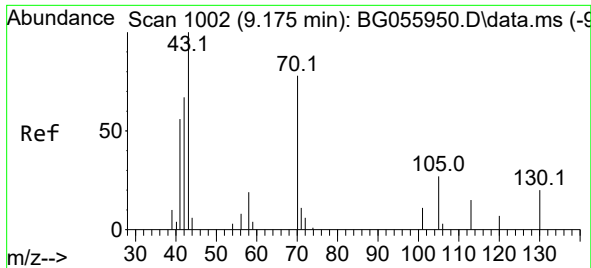
Tgt Ion:112 Resp: 19375
Ion Ratio Lower Upper
112 100
64 52.5 43.0 64.4
63 41.6 31.4 47.2



#7
Phenol-d6
Concen: 45.836 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion: 99 Resp: 14268
Ion Ratio Lower Upper
99 100
42 30.0 24.3 36.5
71 56.4 45.6 68.4

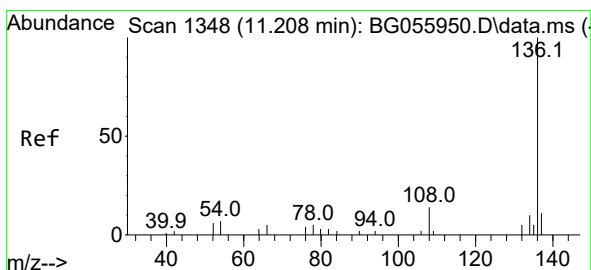
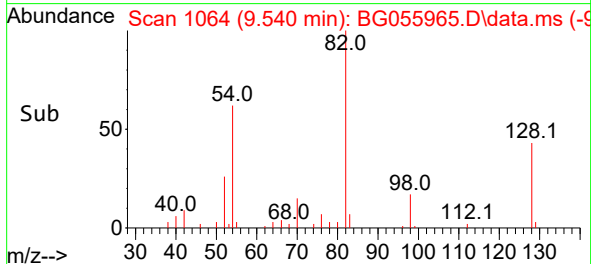
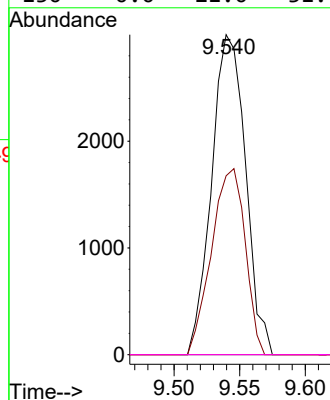
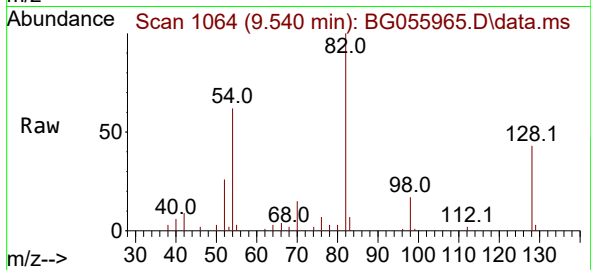




#19
n-Nitroso-di-n-propylamine
Concen: 24.161 ng
RT: 9.540 min Scan# 1064
Delta R.T. 0.364 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

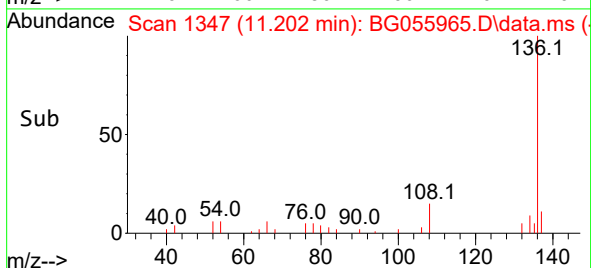
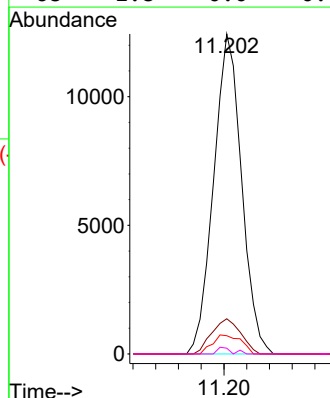
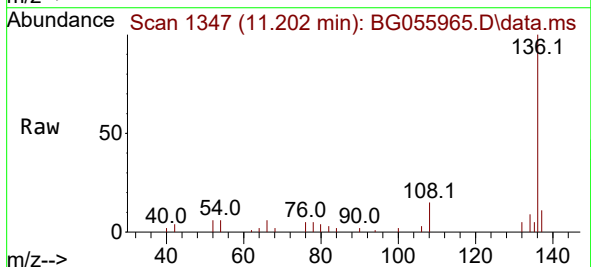
Instrument :
BNA_G
ClientSampleId :
MW-17

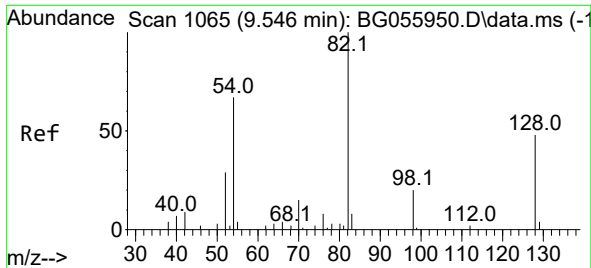
Tgt Ion: 70 Resp: 5391
Ion Ratio Lower Upper
70 100
42 55.9 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion:136 Resp: 21204
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 5.7 5.6 8.4
68 1.8 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 110.907 ng

RT: 9.540 min Scan# 1065

Delta R.T. -0.006 min

Lab File: BG055965.D

Acq: 14 Dec 2022 18:47

Instrument :

BNA_G

ClientSampleId :

MW-17

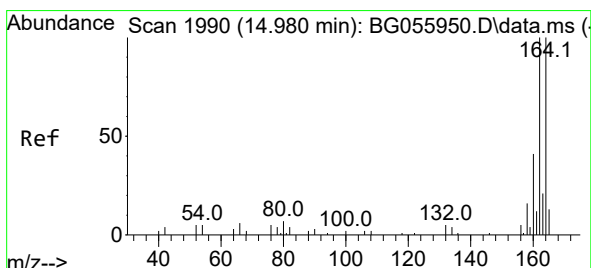
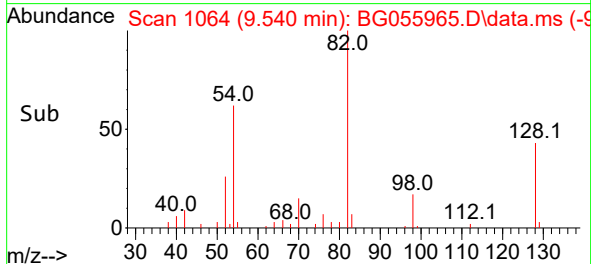
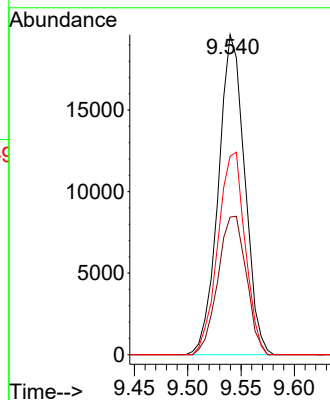
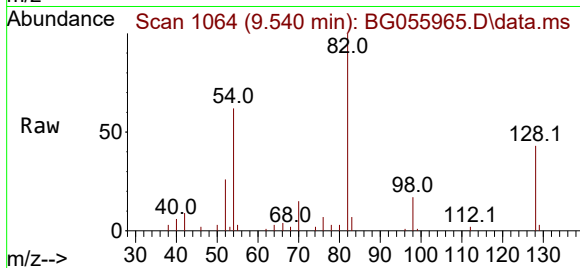
Tgt Ion: 82 Resp: 33652

Ion Ratio Lower Upper

82 100

128 43.0 38.4 57.6

54 62.0 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.974 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BG055965.D

Acq: 14 Dec 2022 18:47

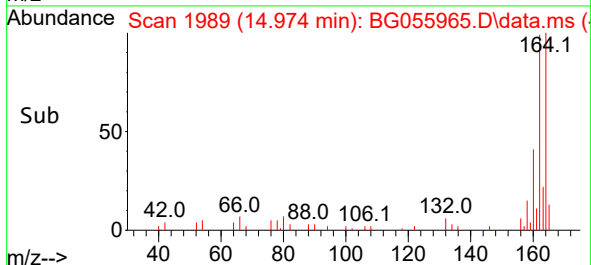
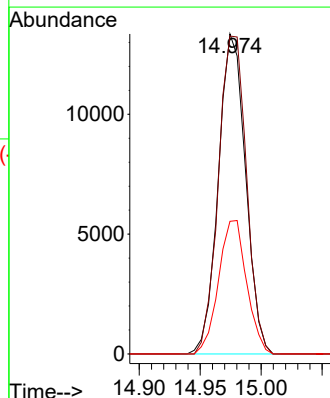
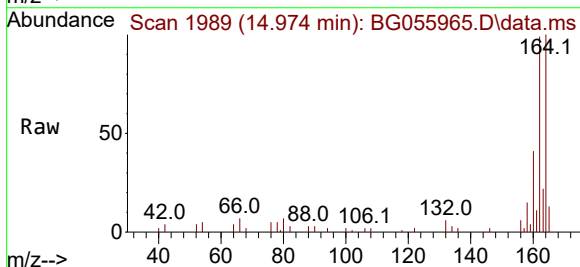
Tgt Ion:164 Resp: 20717

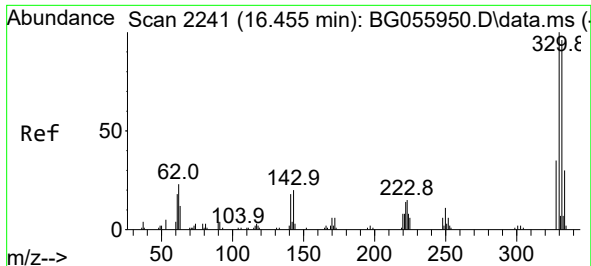
Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 41.5 33.0 49.4

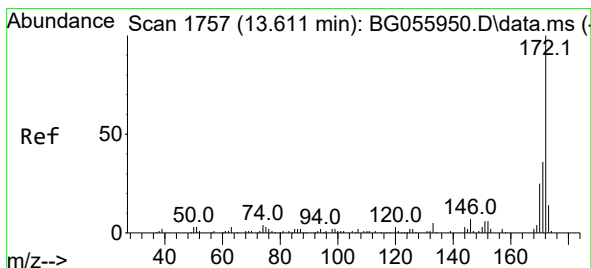
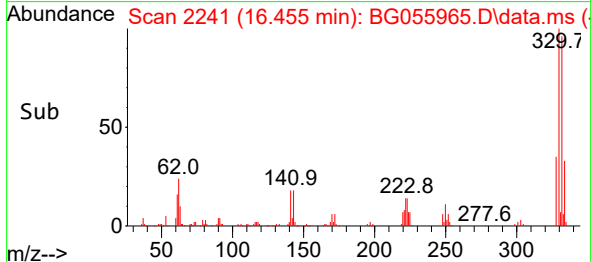
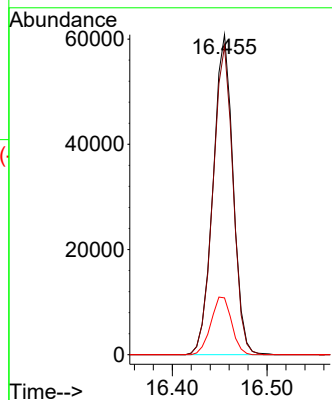
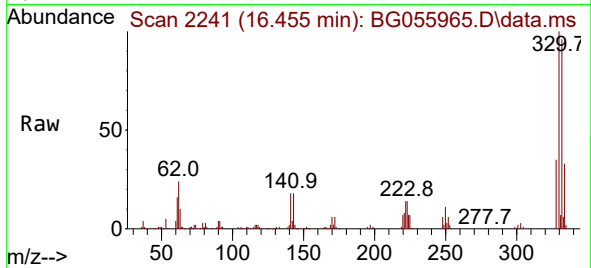




#42
2,4,6-Tribromophenol
Concen: 178.461 ng
RT: 16.455 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

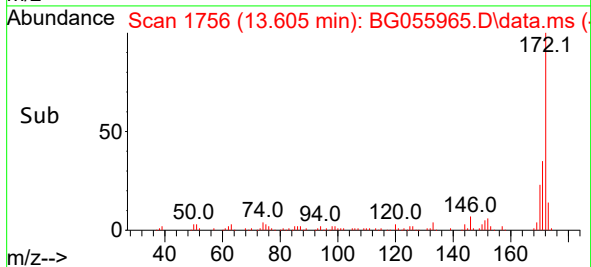
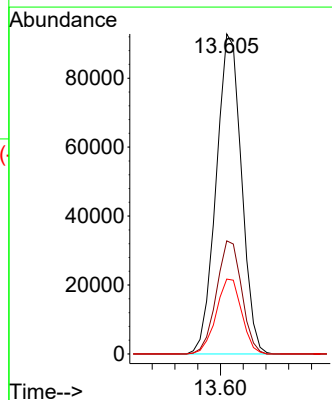
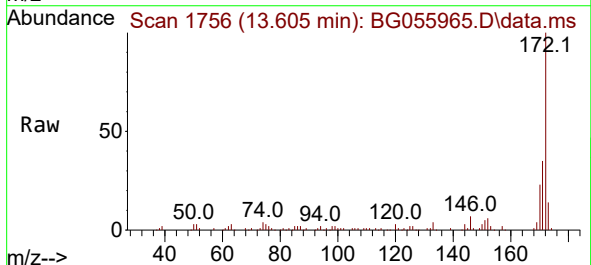
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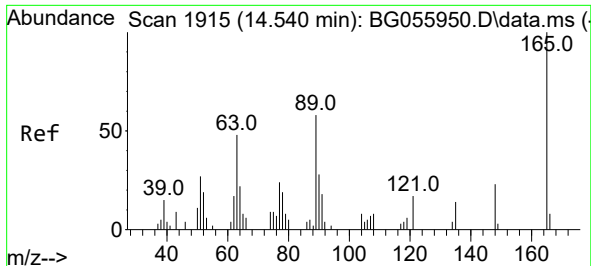
Tgt Ion:330 Resp: 89150
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 18.5 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 97.099 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion:172 Resp: 143431
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 19.9 29.9

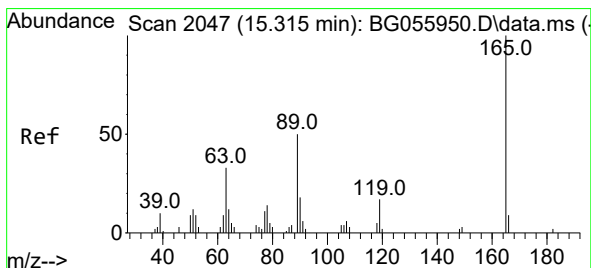
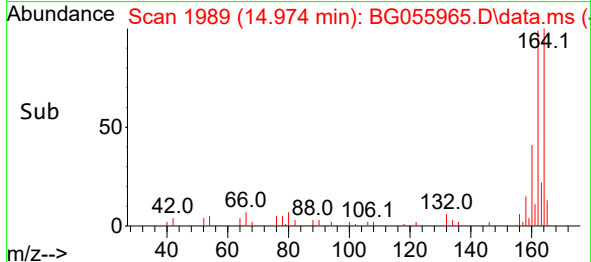
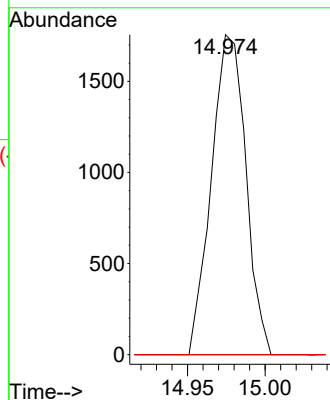
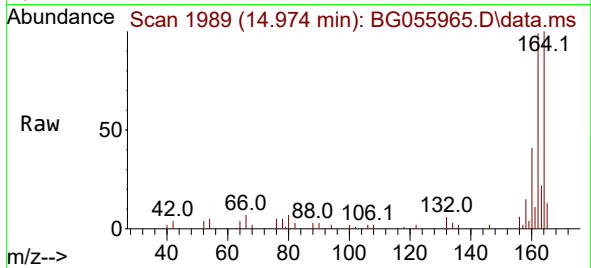




#51
2,6-Dinitrotoluene
Concen: 9.781 ng
RT: 14.974 min Scan# 1989
Delta R.T. 0.434 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

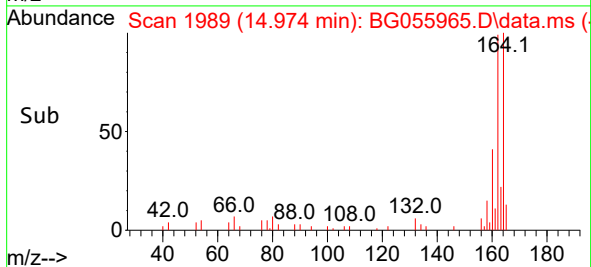
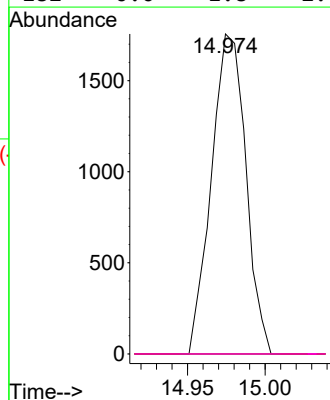
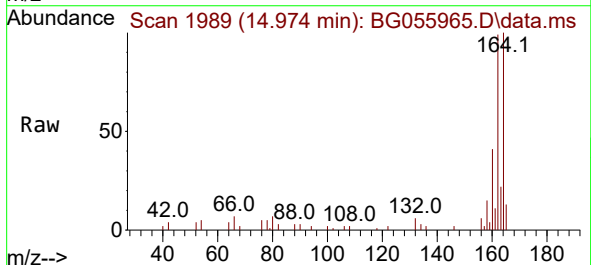
Instrument :
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ClientSampleId :
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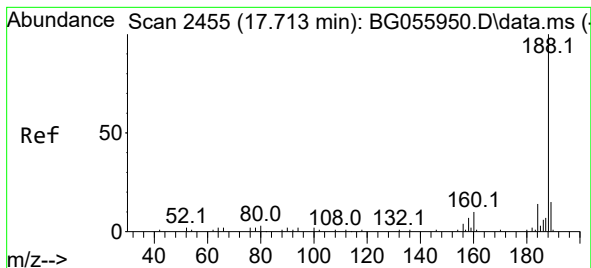
Tgt Ion:165 Resp: 2711
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.480 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.341 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion:165 Resp: 2711
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# 24

Delta R.T. -0.000 min

Lab File: BG055965.D

Acq: 14 Dec 2022 18:47

Instrument :

BNA_G

ClientSampleId :

MW-17

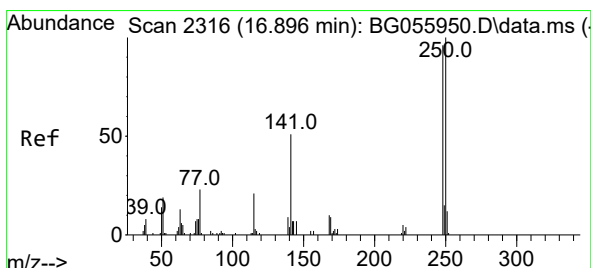
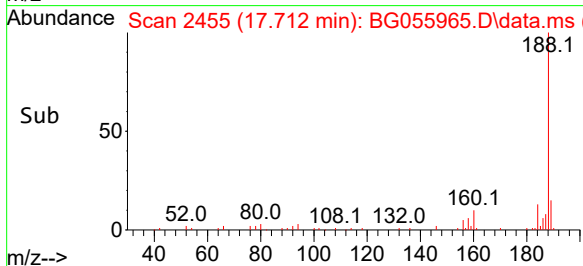
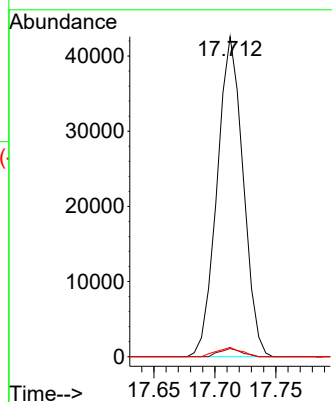
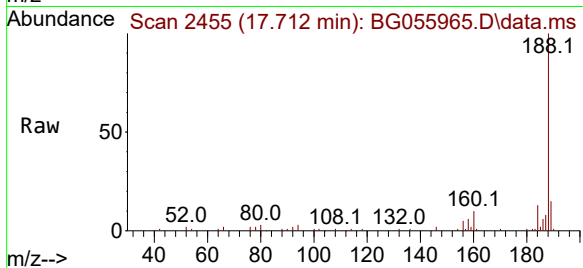
Tgt Ion:188 Resp: 63320

Ion Ratio Lower Upper

188 100

94 2.6 1.8 2.8

80 2.9 2.4 3.6



#67

4-Bromophenyl-phenylether

Concen: 5.417 ng

RT: 16.455 min Scan# 2241

Delta R.T. -0.441 min

Lab File: BG055965.D

Acq: 14 Dec 2022 18:47

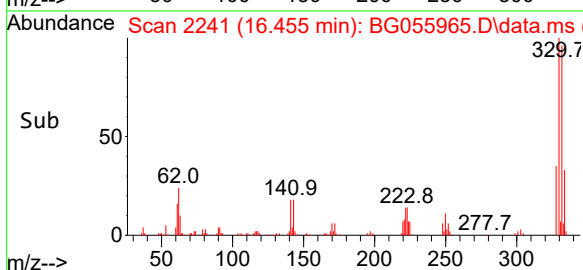
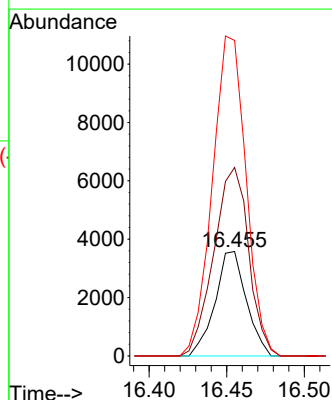
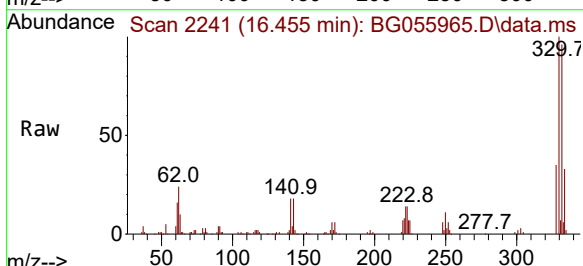
Tgt Ion:248 Resp: 5026

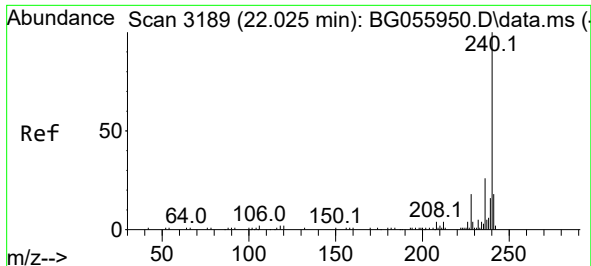
Ion Ratio Lower Upper

248 100

250 180.3 83.0 124.6#

141 301.8 42.6 64.0#

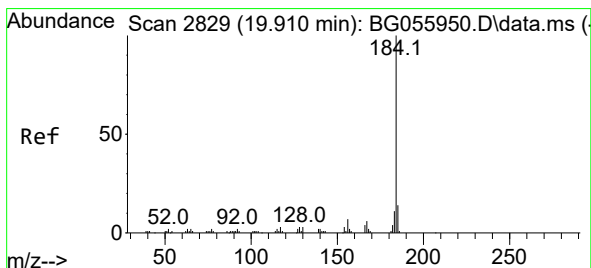
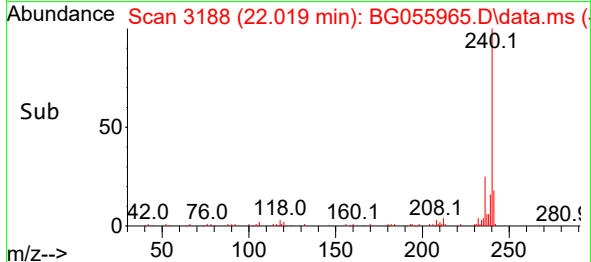
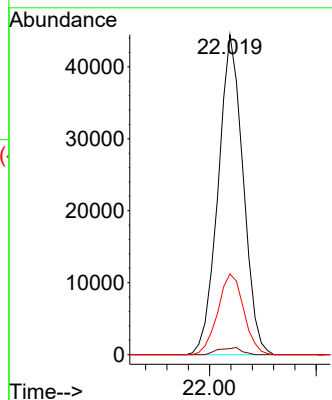
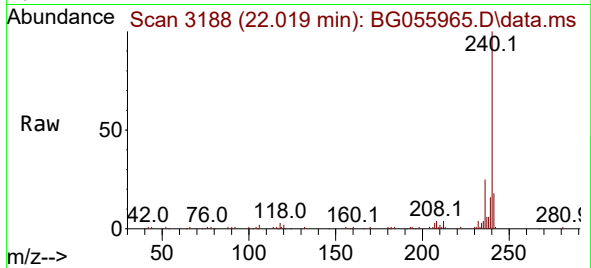




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

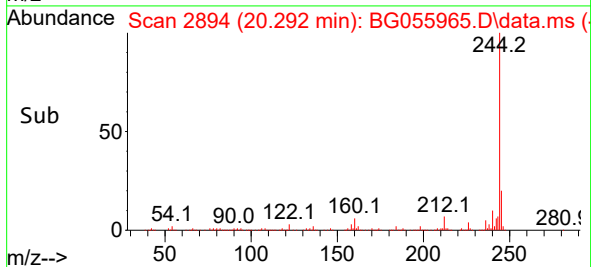
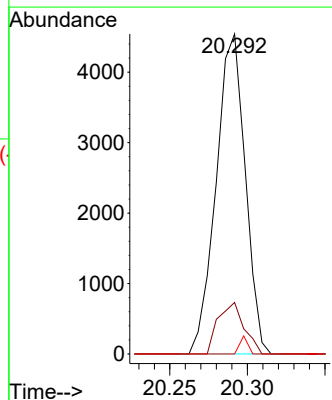
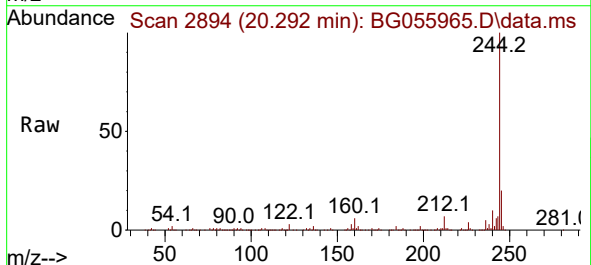
Instrument :
BNA_G
ClientSampleId :
MW-17

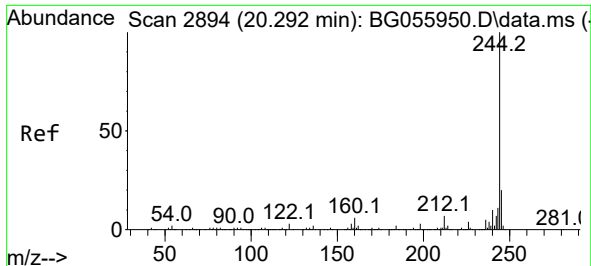
Tgt Ion:240 Resp: 72136
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 25.2 21.1 31.7



#77
Benzidine
Concen: 4.679 ng
RT: 20.292 min Scan# 2894
Delta R.T. 0.382 min
Lab File: BG055965.D
Acq: 14 Dec 2022 18:47

Tgt Ion:184 Resp: 5927
Ion Ratio Lower Upper
184 100
185 16.1 10.9 16.3
183 0.0 9.2 13.8#

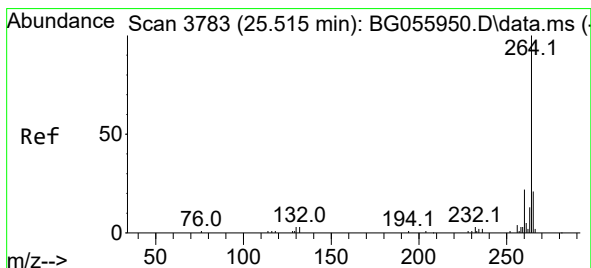
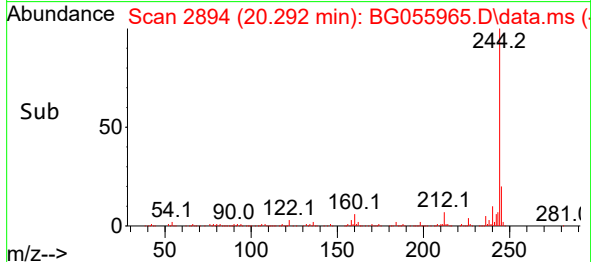
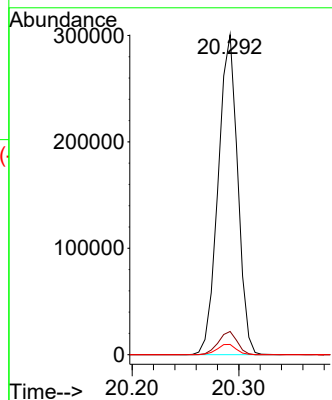
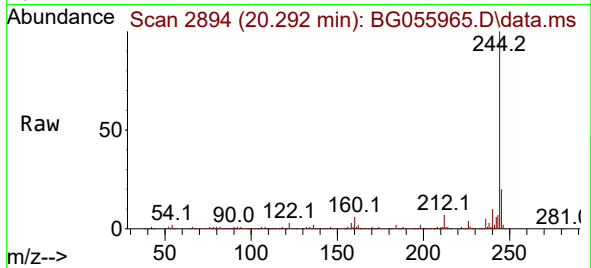




#79
 Terphenyl-d14
 Concen: 93.410 ng
 RT: 20.292 min Scan# 2894
 Delta R.T. -0.000 min
 Lab File: BG055965.D
 Acq: 14 Dec 2022 18:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-17

Tgt Ion:244 Resp: 381253
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.515 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: BG055965.D
 Acq: 14 Dec 2022 18:47

Tgt Ion:264 Resp: 87006
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.8
 265 20.2 16.6 25.0

