

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058646.D
 Acq On : 8 Aug 2023 17:10
 Operator : MA/JU
 Sample : 03903-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04W

Quant Time: Aug 09 04:12:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

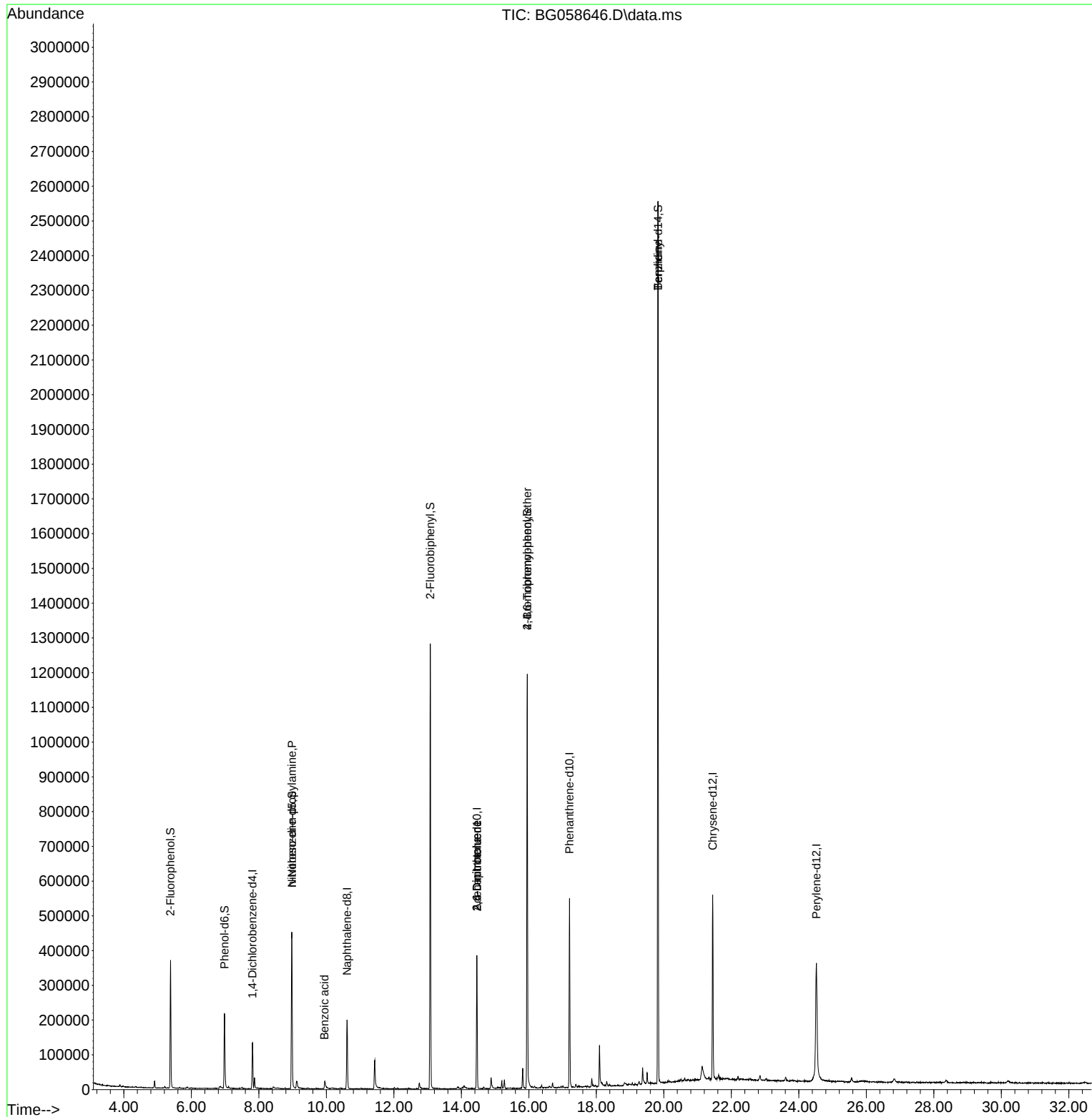
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	38009	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	176794	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	137180	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	349961	20.000	ng	0.00
76) Chrysene-d12	21.446	240	308927	20.000	ng	0.00
86) Perylene-d12	24.519	264	370953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	156119	62.780	ng	0.00
7) Phenol-d6	6.981	99	139537	40.325	ng	0.00
23) Nitrobenzene-d5	8.978	82	286977	79.742	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	265545	118.100	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	704772	76.991	ng	0.00
79) Terphenyl-d14	19.824	244	1299689	79.116	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.978	70	36254	16.220	ng	# 82
32) Benzoic acid	9.942	122	645	4.852	ng	# 77
51) 2,6-Dinitrotoluene	14.460	165	17717	7.837	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	17717	5.653	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16056	4.045	ng	# 1
77) Benzidine	19.824	184	16834	3.593	ng	# 86

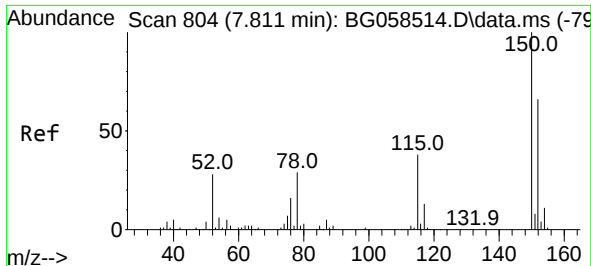
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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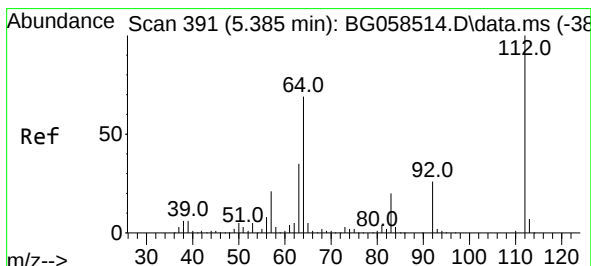
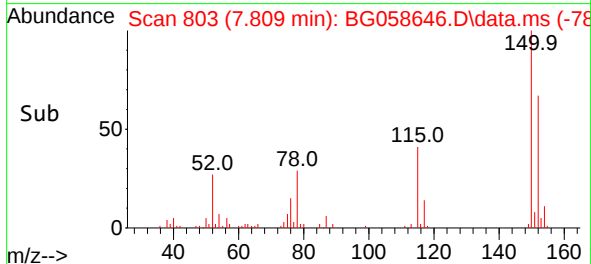
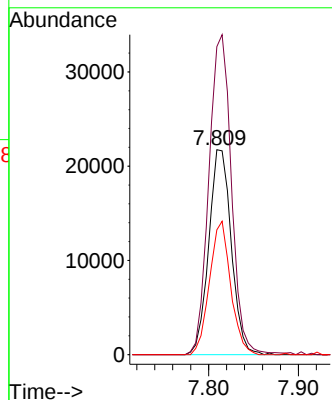
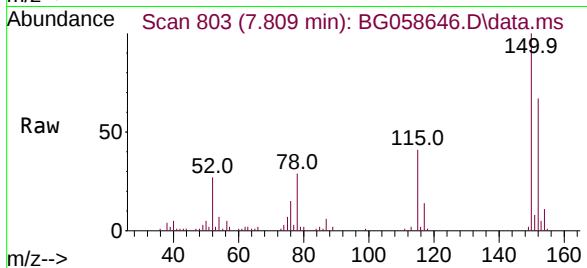




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

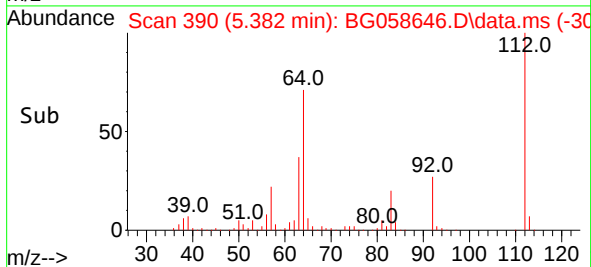
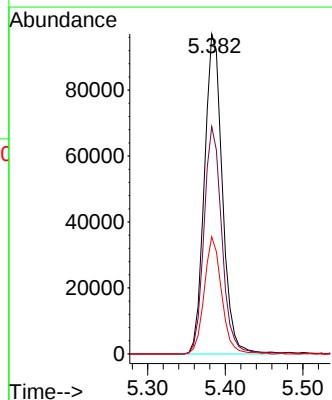
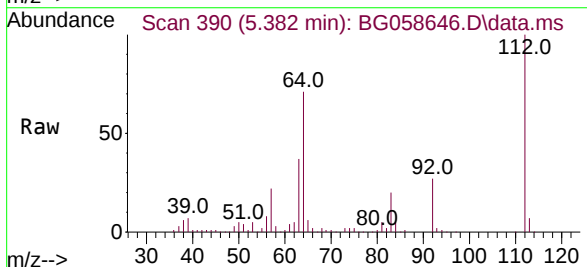
Instrument :
BNA_G
ClientSampleId :
MW-04W

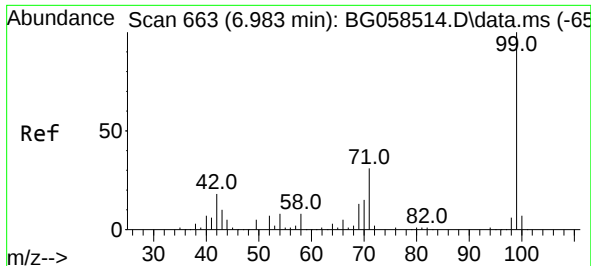
Tgt Ion:152 Resp: 38009
Ion Ratio Lower Upper
152 100
150 150.2 120.5 180.7
115 60.9 45.9 68.9



#5
2-Fluorophenol
Concen: 62.780 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion:112 Resp: 156119
Ion Ratio Lower Upper
112 100
64 71.0 55.3 82.9
63 36.6 28.3 42.5

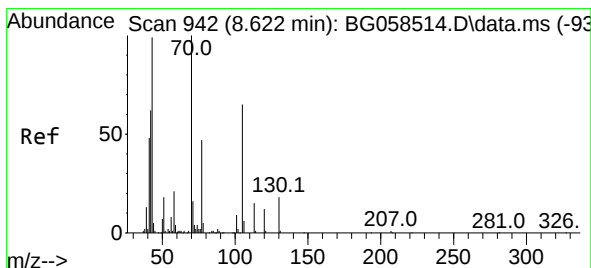
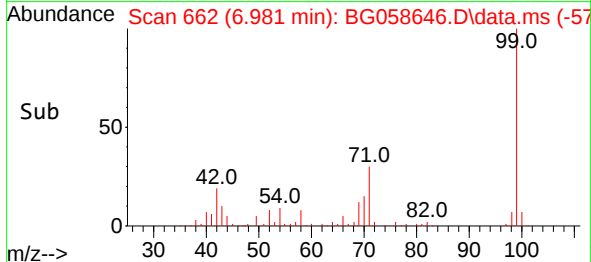
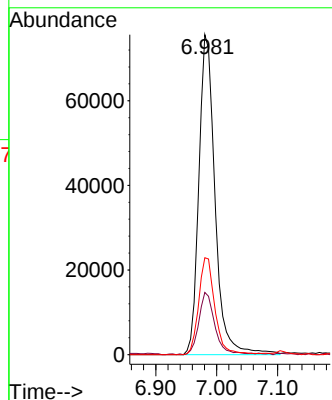
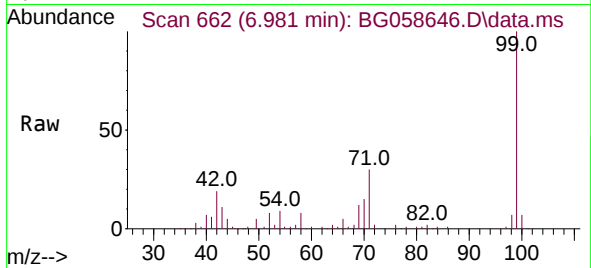




#7
Phenol-d6
Concen: 40.325 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

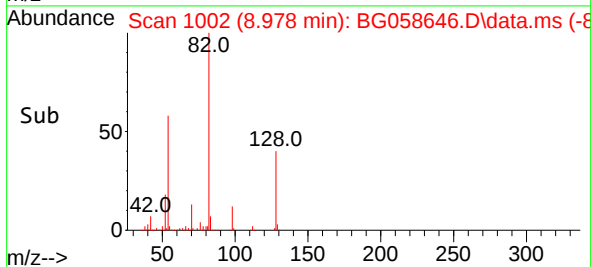
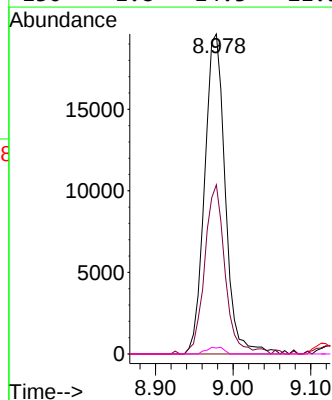
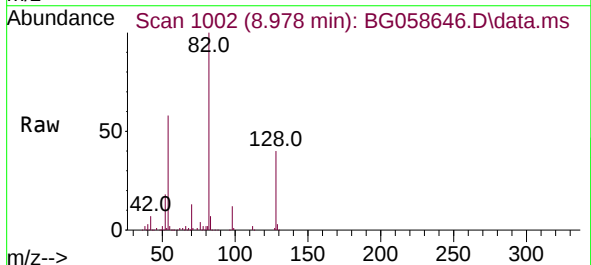
Instrument :
BNA_G
ClientSampleId :
MW-04W

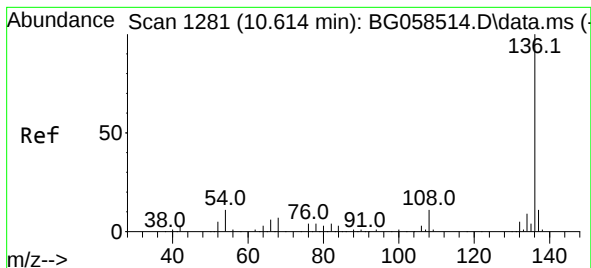
Tgt Ion: 99 Resp: 139537
Ion Ratio Lower Upper
99 100
42 19.4 14.6 21.8
71 30.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.220 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion: 70 Resp: 36254
Ion Ratio Lower Upper
70 100
42 52.8 49.7 74.5
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.612 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058646.D

Acq: 8 Aug 2023 17:10

Instrument :

BNA_G

ClientSampleId :

MW-04W

Tgt Ion:136 Resp: 176794

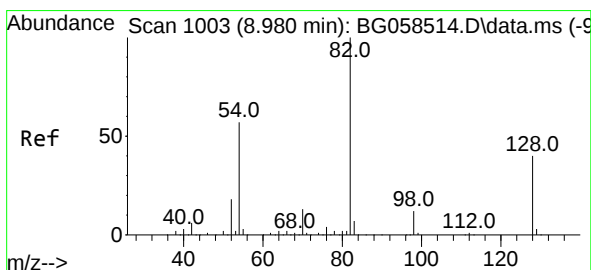
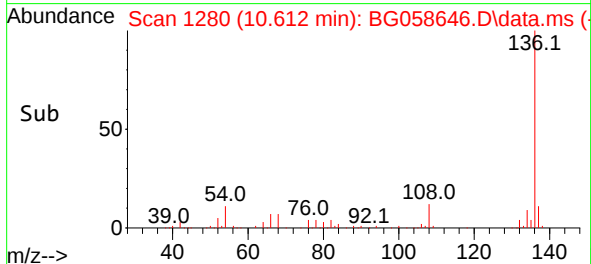
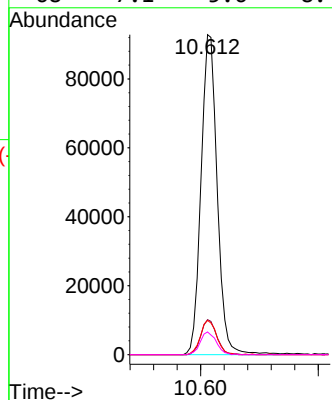
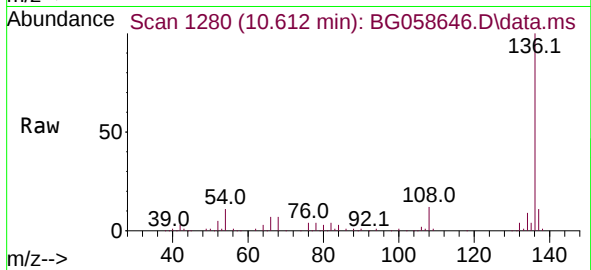
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.7 8.9 13.3

68 7.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 79.742 ng

RT: 8.978 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058646.D

Acq: 8 Aug 2023 17:10

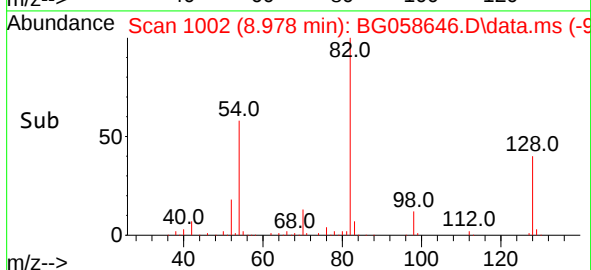
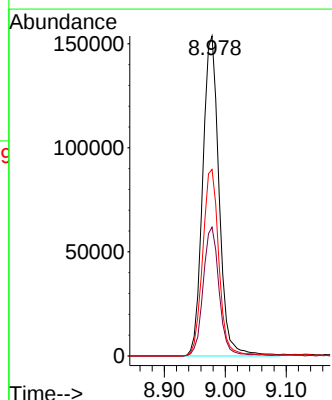
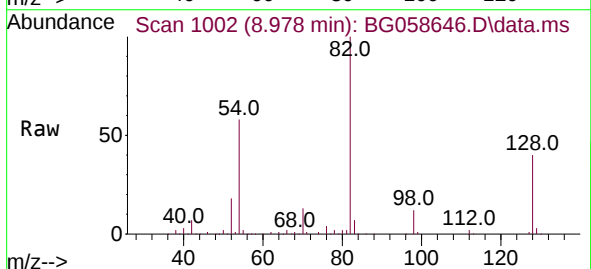
Tgt Ion: 82 Resp: 286977

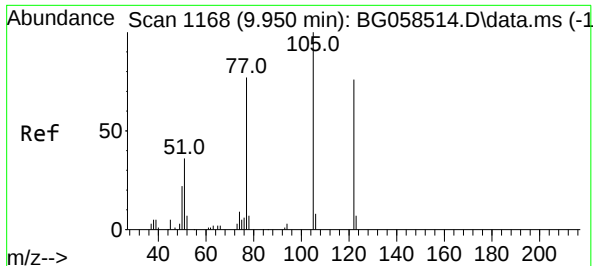
Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

54 58.3 46.0 69.0

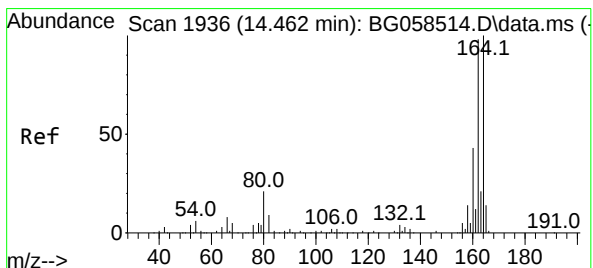
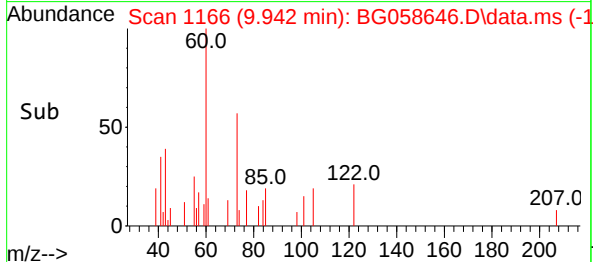
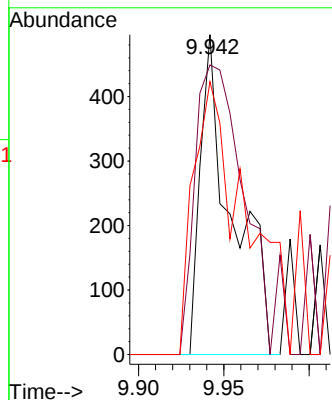
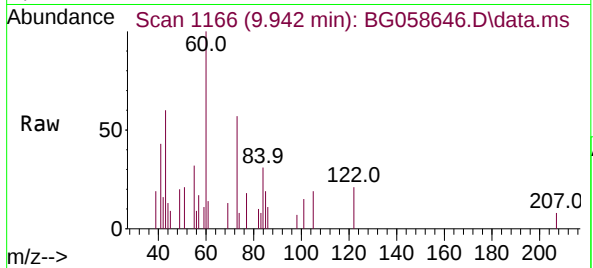




#32
Benzoic acid
Concen: 4.852 ng
RT: 9.942 min Scan# 1166
Delta R.T. -0.008 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

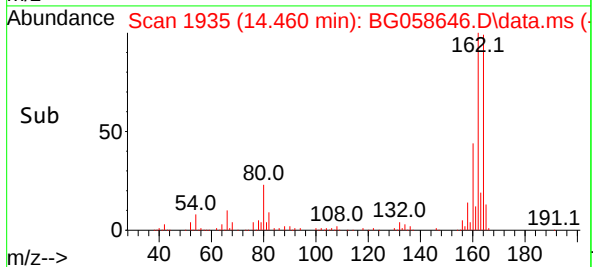
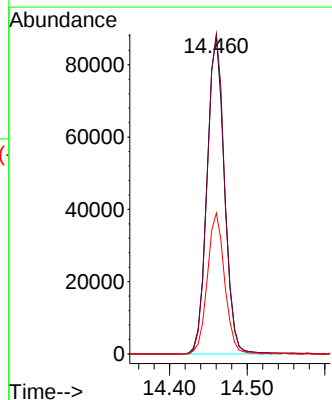
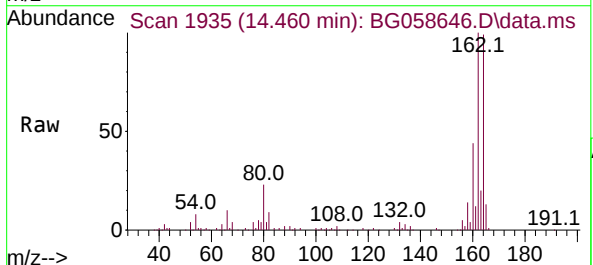
Instrument :
BNA_G
ClientSampleId :
MW-04W

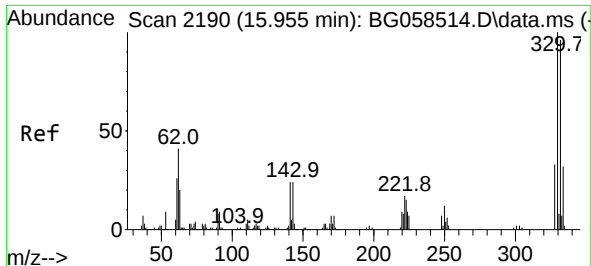
Tgt Ion:122 Resp: 645
Ion Ratio Lower Upper
122 100
105 90.5 106.5 146.5#
77 85.3 78.1 118.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion:164 Resp: 137180
Ion Ratio Lower Upper
164 100
162 100.6 78.3 117.5
160 44.3 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 118.100 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058646.D

Acq: 8 Aug 2023 17:10

Instrument :

BNA_G

ClientSampleId :

MW-04W

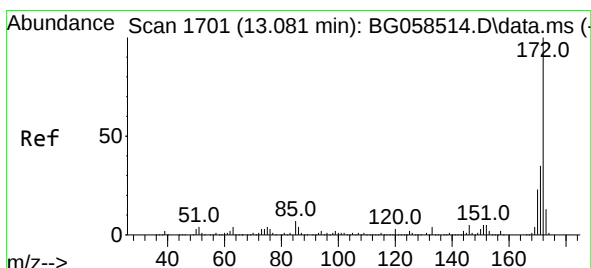
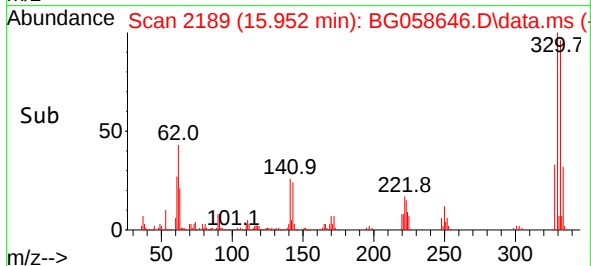
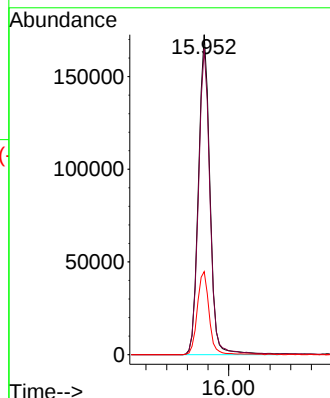
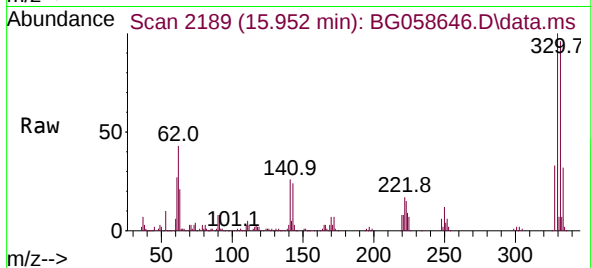
Tgt Ion:330 Resp: 265545

Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 26.7 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 76.991 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.002 min

Lab File: BG058646.D

Acq: 8 Aug 2023 17:10

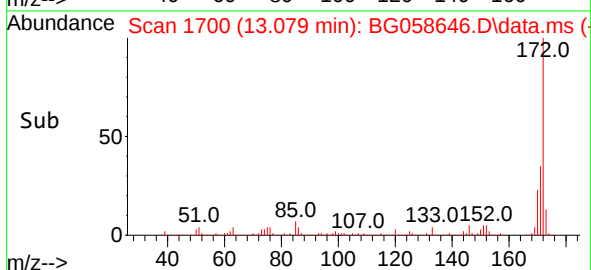
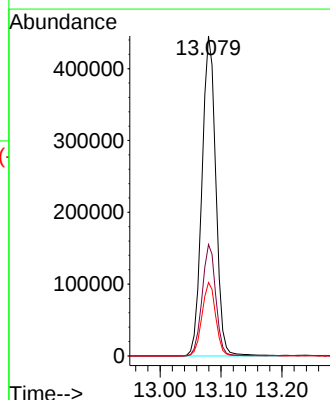
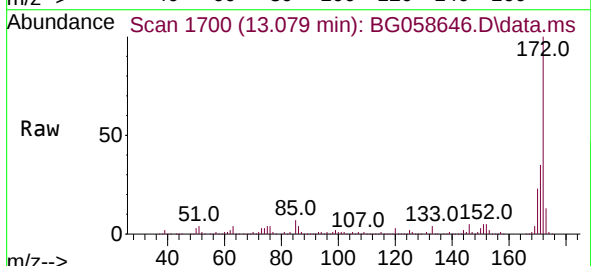
Tgt Ion:172 Resp: 704772

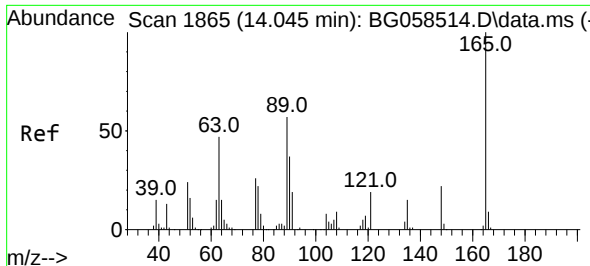
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 22.9 18.4 27.6

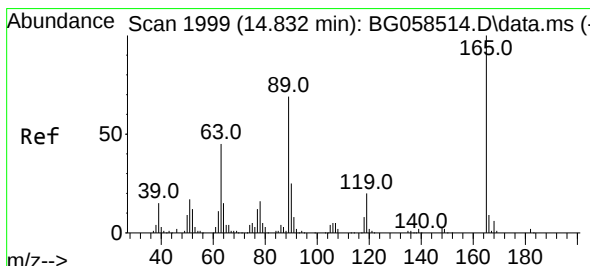
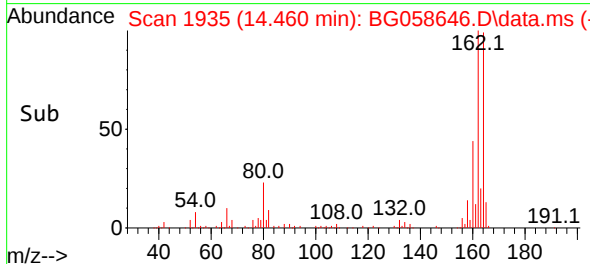
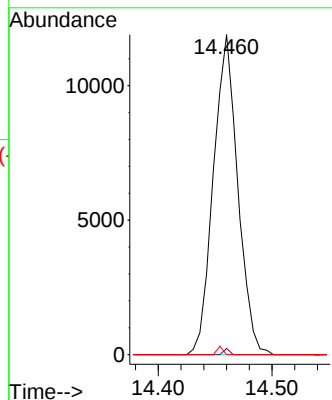
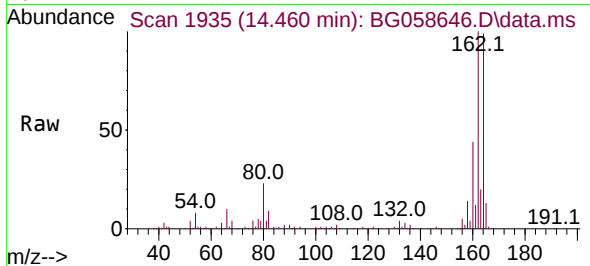




#51
2,6-Dinitrotoluene
Concen: 7.837 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

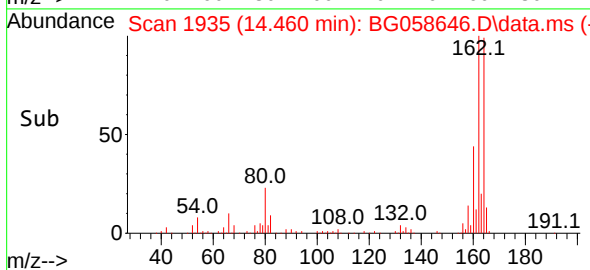
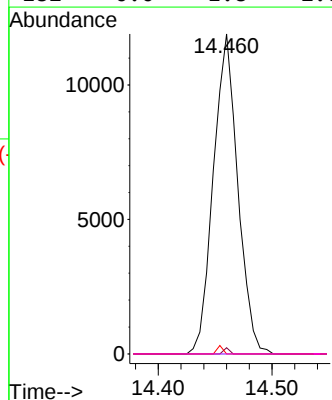
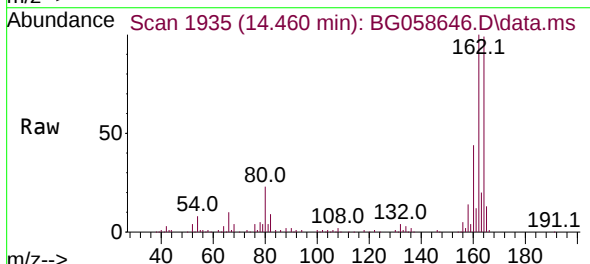
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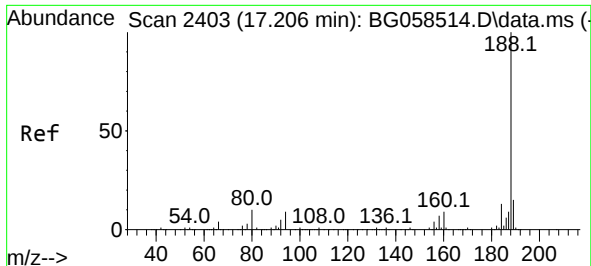
Tgt Ion:165 Resp: 17717
Ion Ratio Lower Upper
165 100
63 1.9 46.4 69.6#
89 0.0 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.372 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion:165 Resp: 17717
Ion Ratio Lower Upper
165 100
63 1.9 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

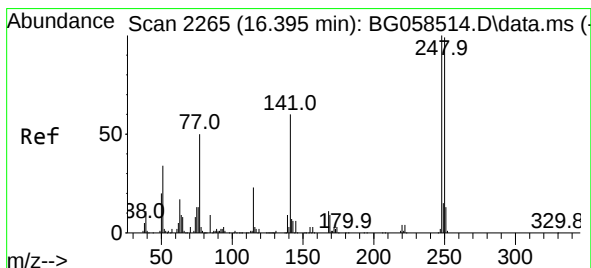
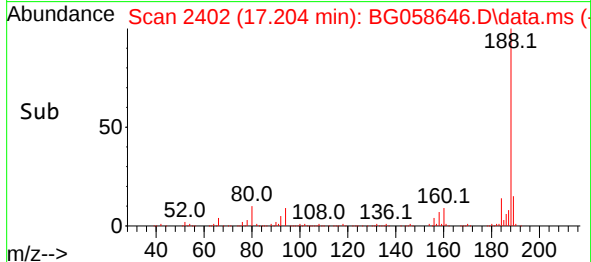
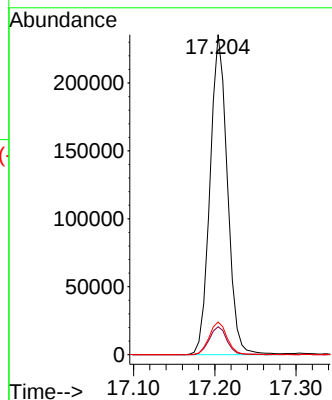
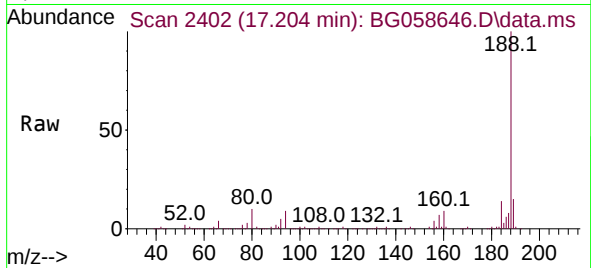




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

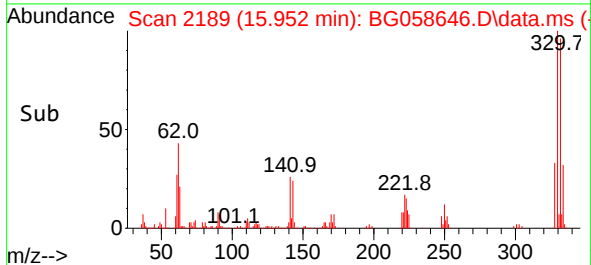
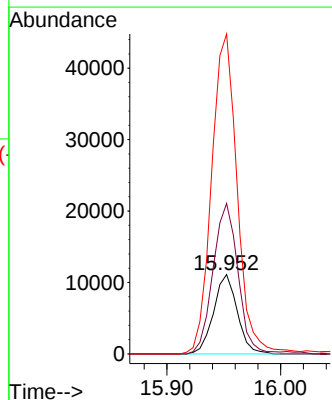
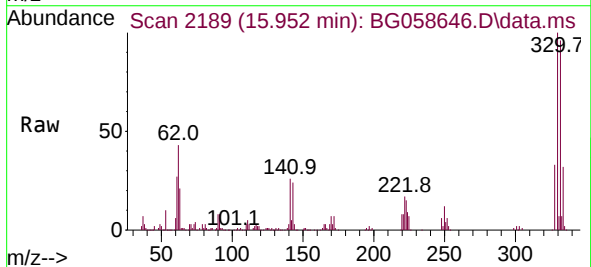
Instrument :
BNA_G
ClientSampleId :
MW-04W

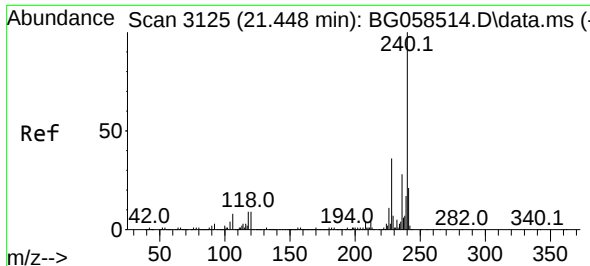
Tgt Ion:188 Resp: 349961
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.2 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion:248 Resp: 16056
Ion Ratio Lower Upper
248 100
250 189.7 79.5 119.3#
141 403.5 48.2 72.2#

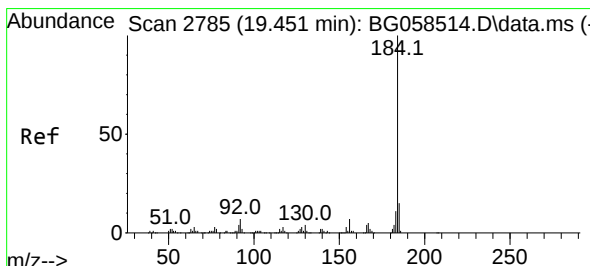
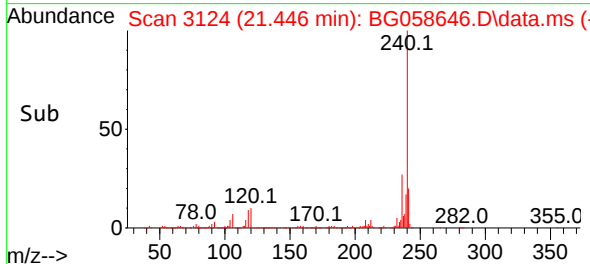
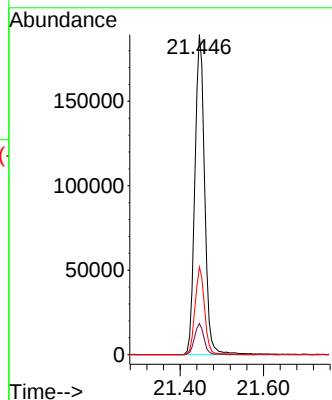
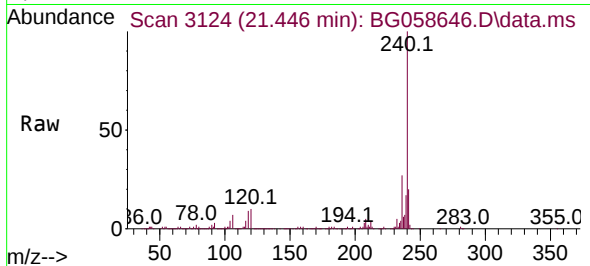




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

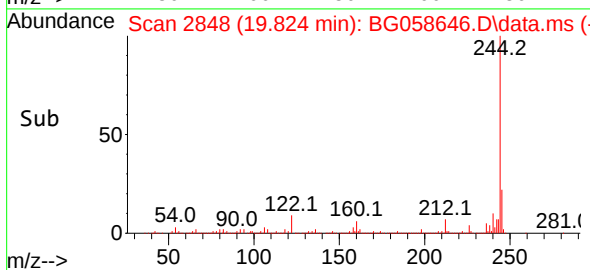
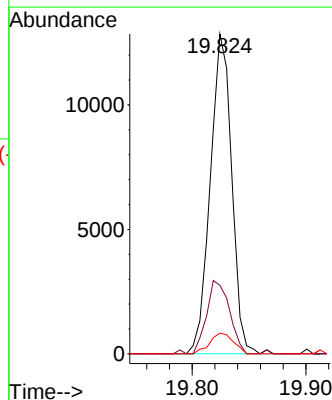
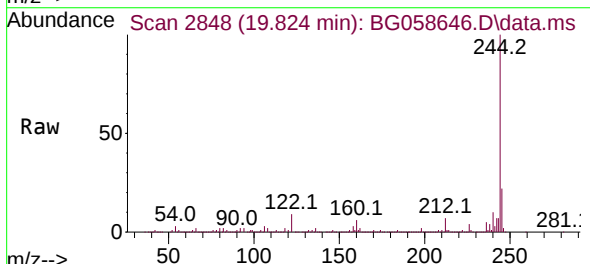
Instrument :
BNA_G
ClientSampleId :
MW-04W

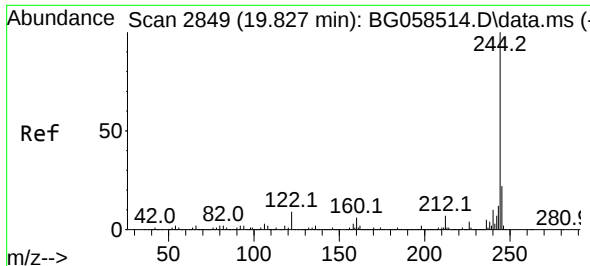
Tgt Ion:240 Resp: 308927
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.4 22.2 33.4



#77
Benzidine
Concen: 3.593 ng
RT: 19.824 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG058646.D
Acq: 8 Aug 2023 17:10

Tgt Ion:184 Resp: 16834
Ion Ratio Lower Upper
184 100
185 21.4 11.9 17.9#
183 6.5 8.7 13.1#

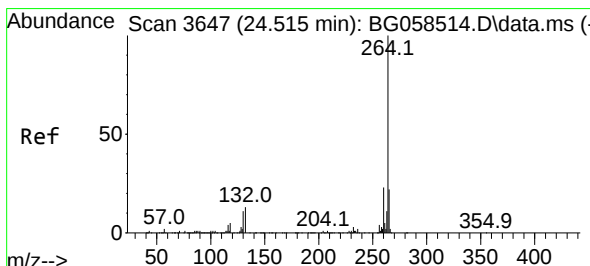
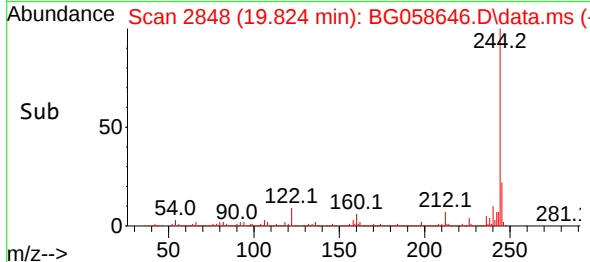
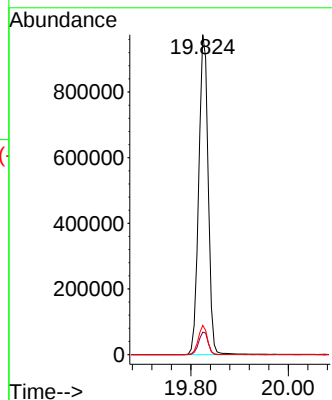
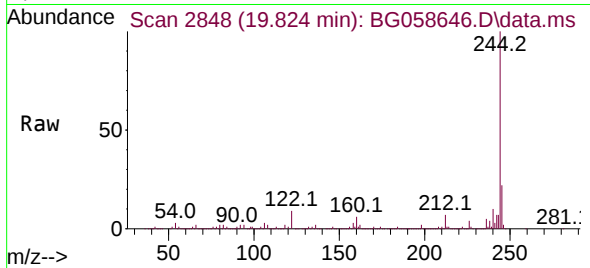




#79
 Terphenyl-d14
 Concen: 79.116 ng
 RT: 19.824 min Scan# 2848
 Delta R.T. -0.002 min
 Lab File: BG058646.D
 Acq: 8 Aug 2023 17:10

Instrument :
 BNA_G
 ClientSampleId :
 MW-04W

Tgt Ion:244 Resp: 1299689
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.519 min Scan# 3647
 Delta R.T. 0.004 min
 Lab File: BG058646.D
 Acq: 8 Aug 2023 17:10

Tgt Ion:264 Resp: 370953
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.2 17.9 26.9

