

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058647.D
 Acq On : 8 Aug 2023 17:51
 Operator : MA/JU
 Sample : 03903-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05W

Quant Time: Aug 09 04:12:25 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)

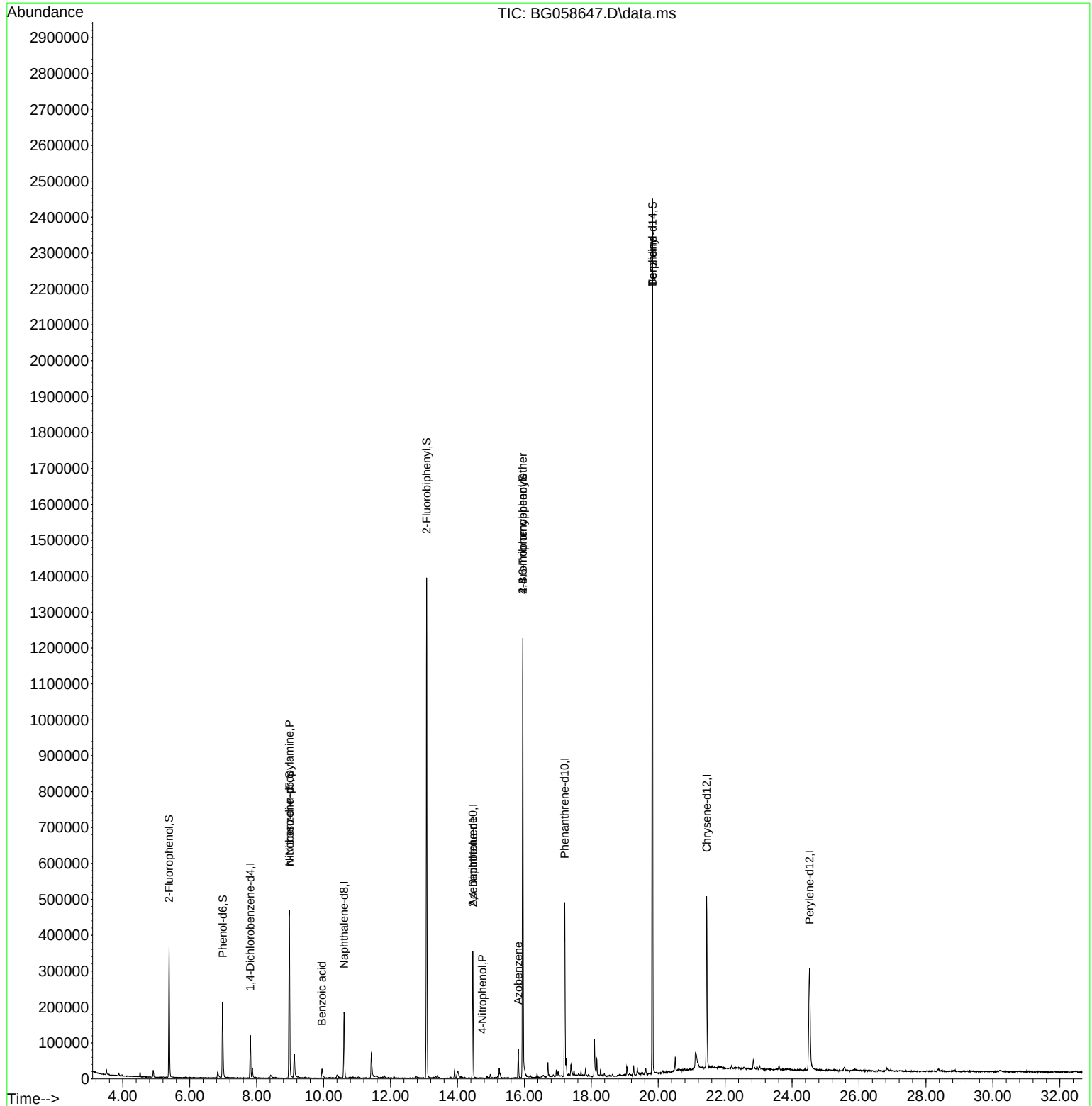
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	33008	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	159394	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	127234	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	324460	20.000	ng	0.00
76) Chrysene-d12	21.446	240	285178	20.000	ng	0.00
86) Perylene-d12	24.519	264	345923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	153437	71.050	ng	0.00
7) Phenol-d6	6.986	99	137422	45.731	ng	0.00
23) Nitrobenzene-d5	8.978	82	298426	91.975	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	269580	129.267	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	759884	89.501	ng	0.00
79) Terphenyl-d14	19.824	244	1320130	87.052	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.978	70	37941	19.547	ng	# 75
32) Benzoic acid	9.948	122	526	4.824	ng	# 70
56) 4-Nitrophenol	14.742	139	60	3.362	ng	# 3
57) 2,4-Dinitrotoluene	14.460	165	15927	5.479	ng	# 24
63) Azobenzene	15.817	77	24274	2.532	ng	# 1
67) 4-Bromophenyl-phenylether	15.952	248	16216	4.406	ng	# 1
77) Benzidine	19.824	184	16760	3.876	ng	# 82

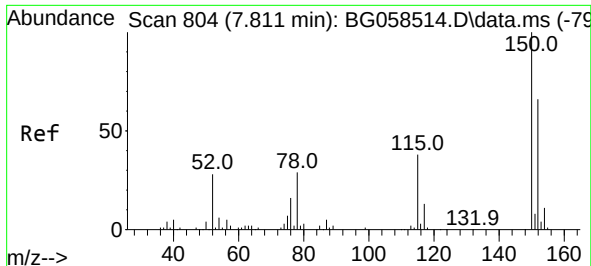
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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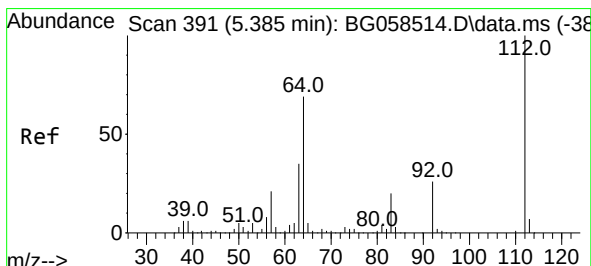
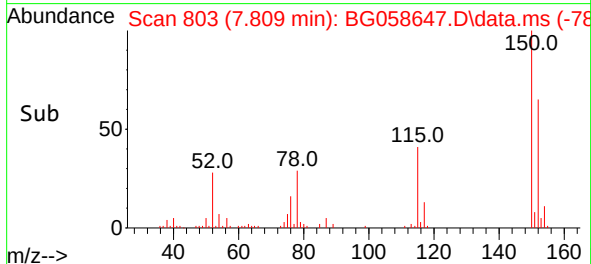
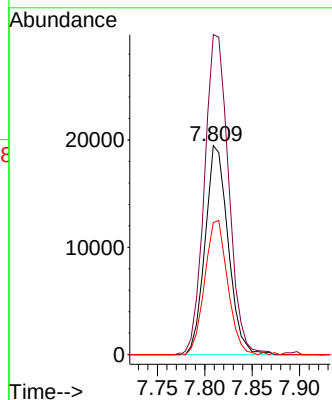
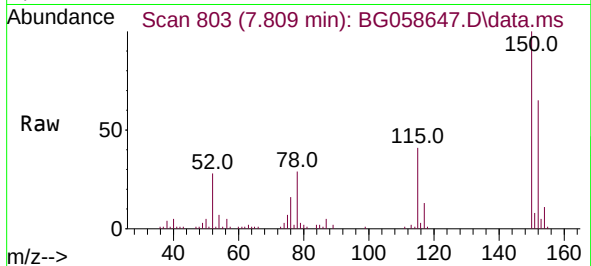




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

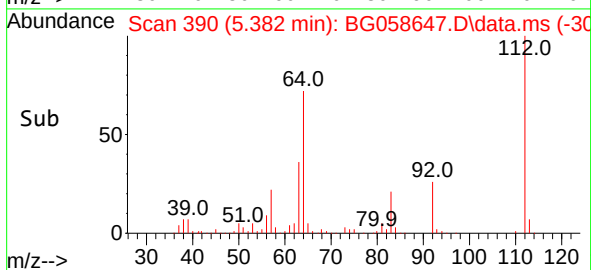
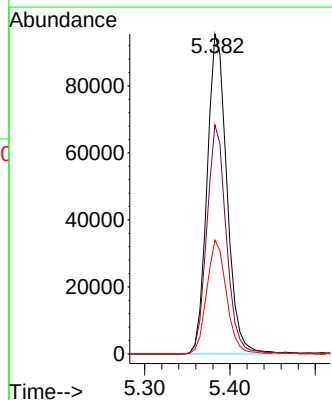
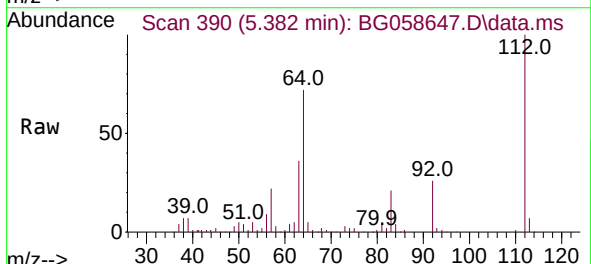
Instrument :
BNA_G
ClientSampleId :
MW-05W

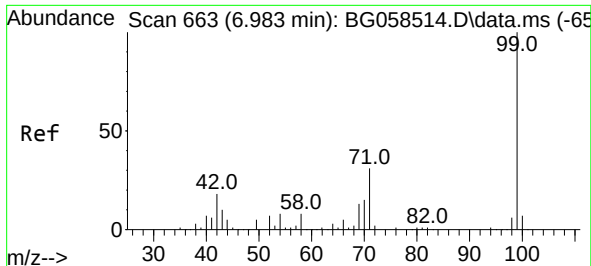
Tgt Ion:152 Resp: 33008
Ion Ratio Lower Upper
152 100
150 153.1 120.5 180.7
115 63.2 45.9 68.9



#5
2-Fluorophenol
Concen: 71.050 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:112 Resp: 153437
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 35.5 28.3 42.5

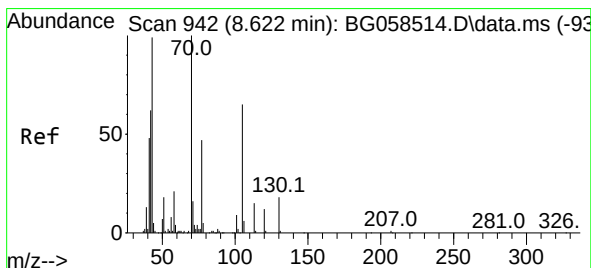
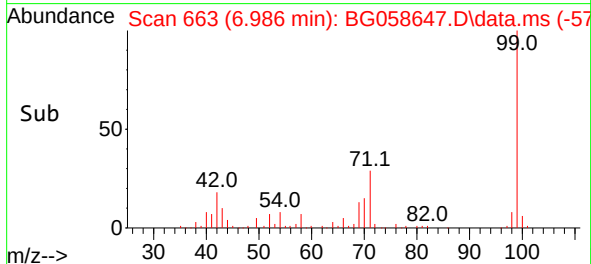
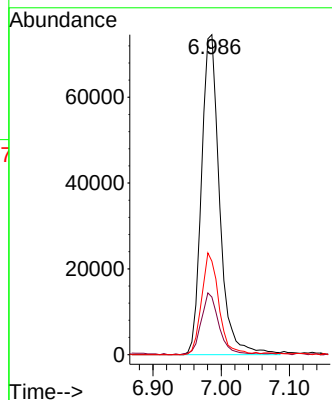
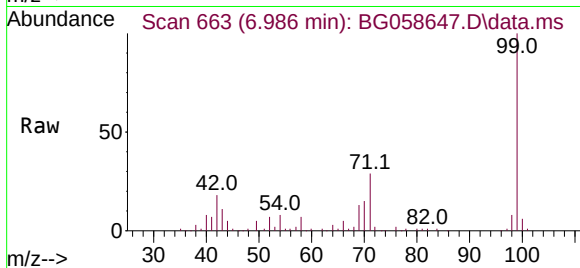




#7
Phenol-d6
Concen: 45.731 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

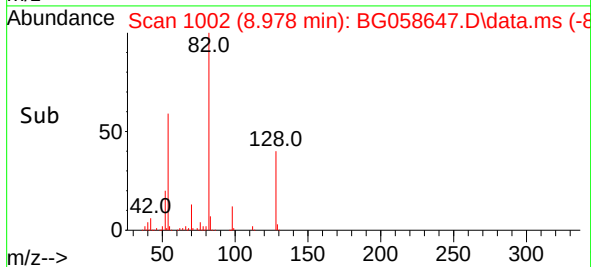
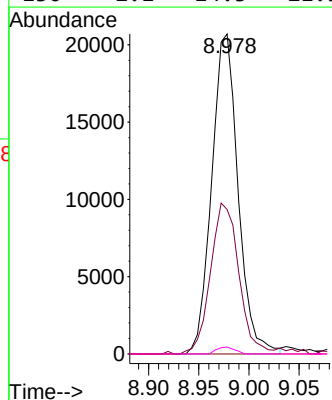
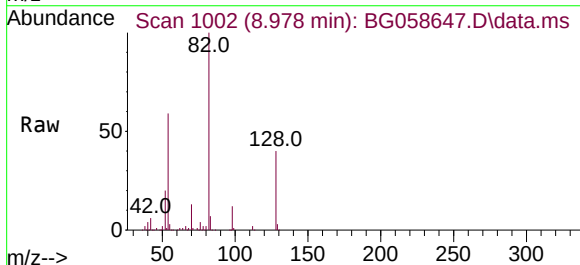
Instrument :
BNA_G
ClientSampleId :
MW-05W

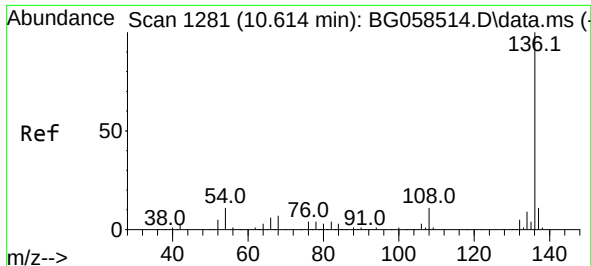
Tgt Ion: 99 Resp: 137422
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 29.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.547 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion: 70 Resp: 37941
Ion Ratio Lower Upper
70 100
42 45.1 49.7 74.5#
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

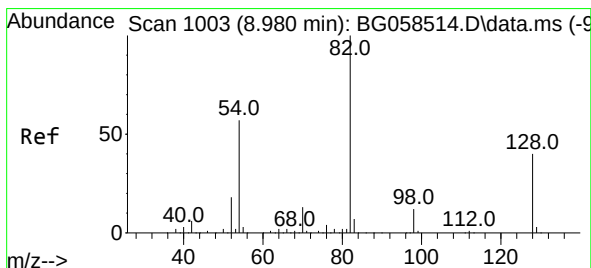
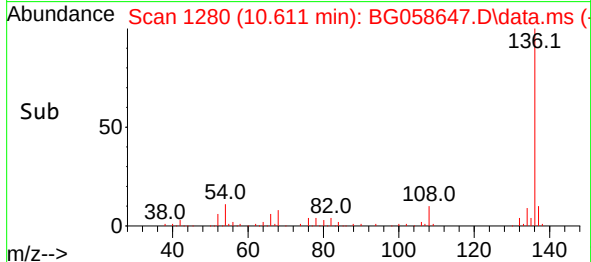
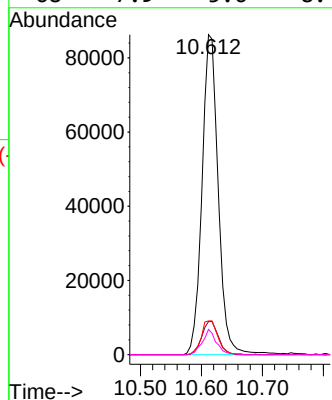
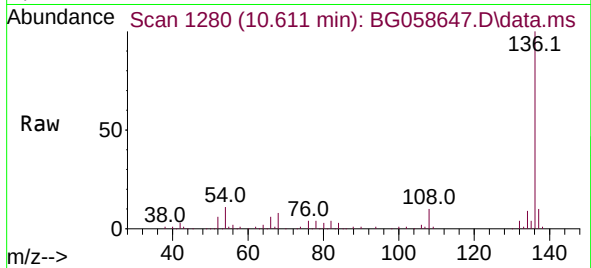




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

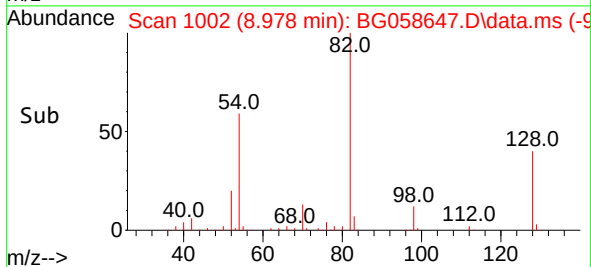
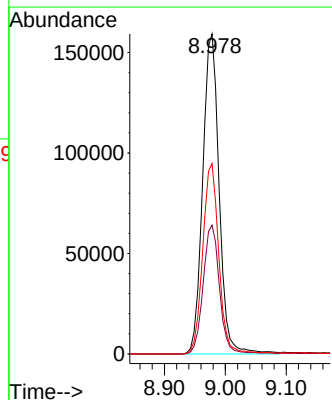
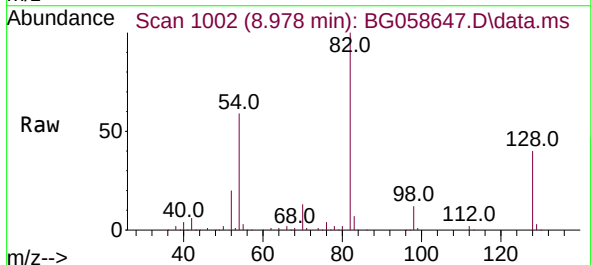
Instrument :
BNA_G
ClientSampleId :
MW-05W

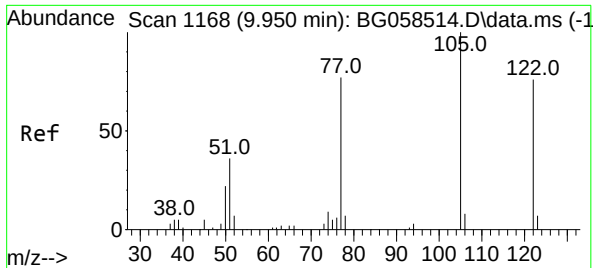
Tgt Ion:	136	Resp:	159394
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	10.5	8.9	13.3
68	7.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 91.975 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:	82	Resp:	298426
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.2	48.2
54	59.5	46.0	69.0

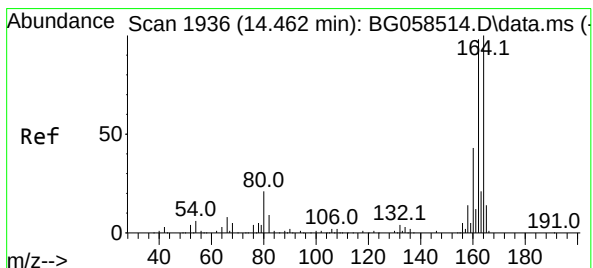
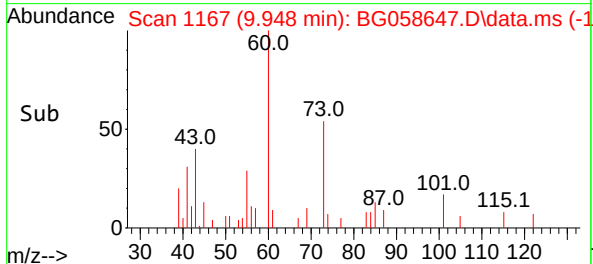
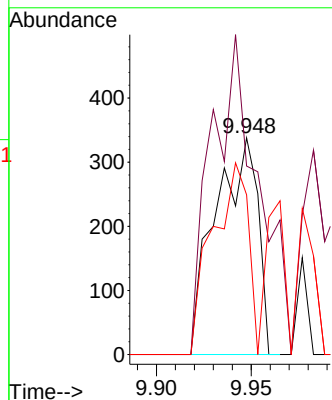
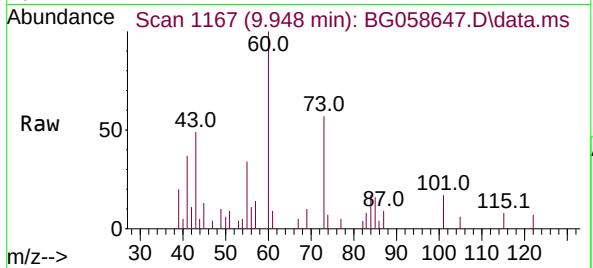




#32
Benzoic acid
Concen: 4.824 ng
RT: 9.948 min Scan# 1168
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

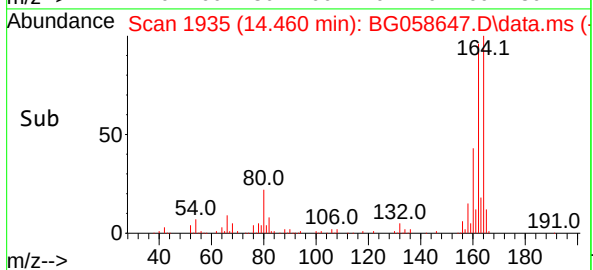
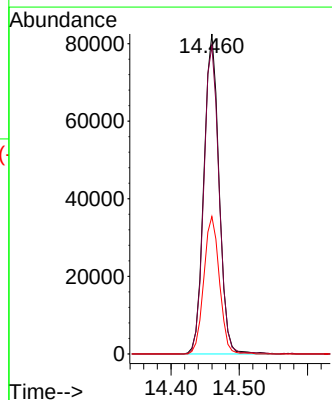
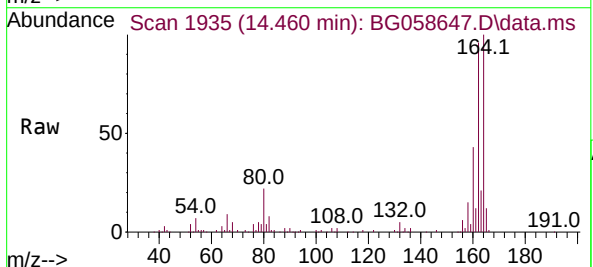
Instrument :
BNA_G
ClientSampleId :
MW-05W

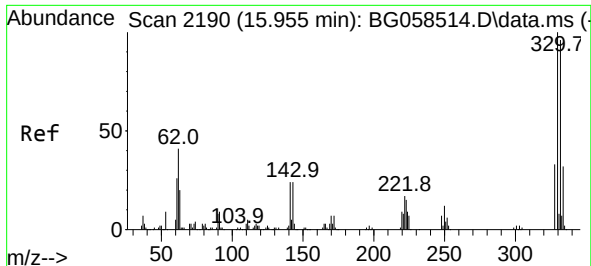
Tgt Ion:122 Resp: 526
Ion Ratio Lower Upper
122 100
105 87.0 106.5 146.5#
77 73.7 78.1 118.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:164 Resp: 127234
Ion Ratio Lower Upper
164 100
162 96.2 78.3 117.5
160 42.9 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 129.267 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG058647.D

Acq: 8 Aug 2023 17:51

Instrument :

BNA_G

ClientSampleId :

MW-05W

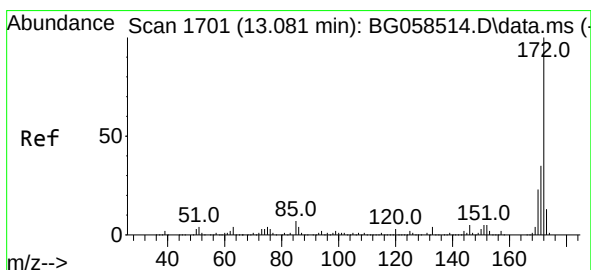
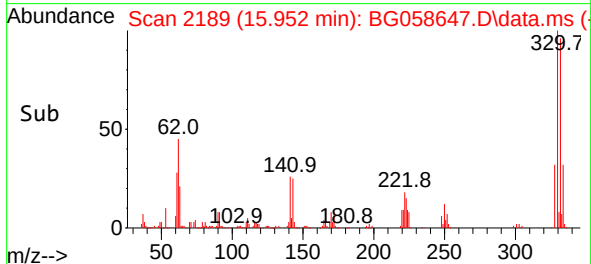
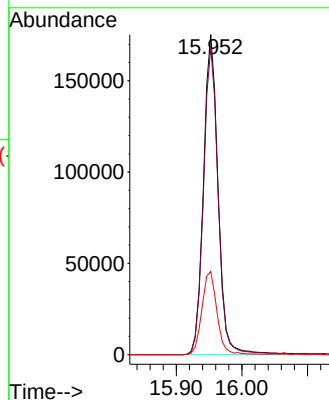
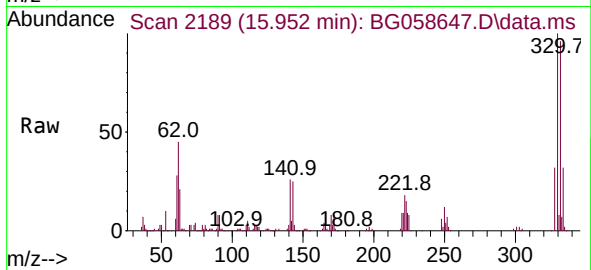
Tgt Ion:330 Resp: 269580

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 26.7 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 89.501 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.002 min

Lab File: BG058647.D

Acq: 8 Aug 2023 17:51

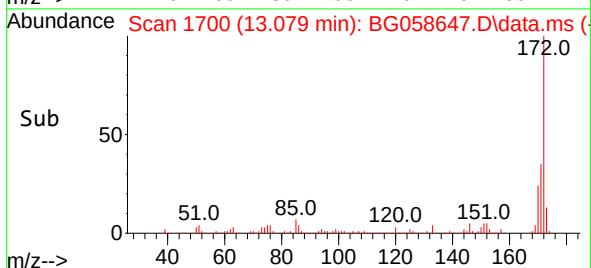
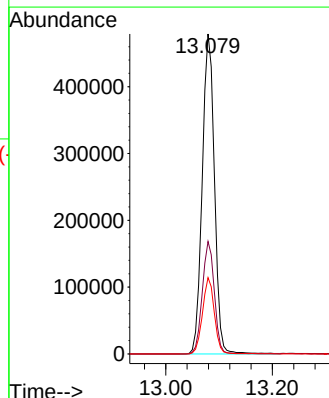
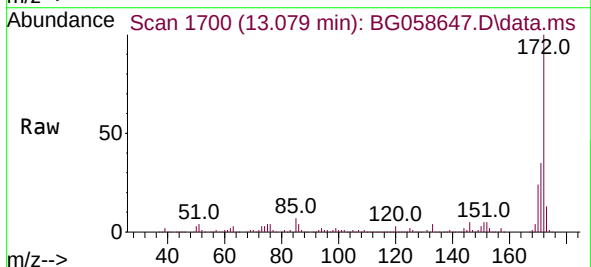
Tgt Ion:172 Resp: 759884

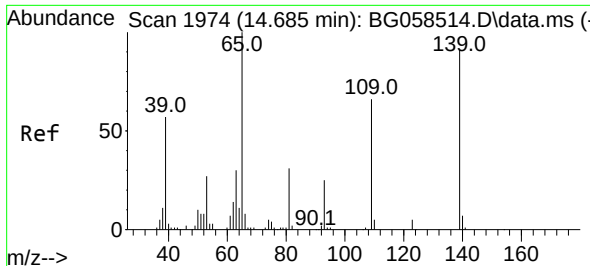
Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.8 18.4 27.6

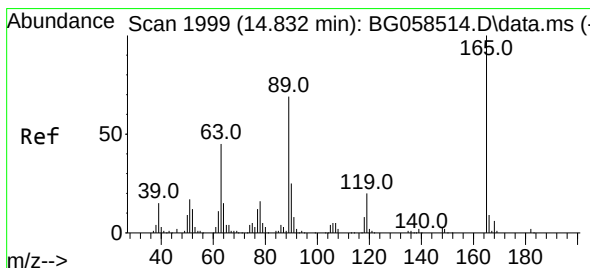
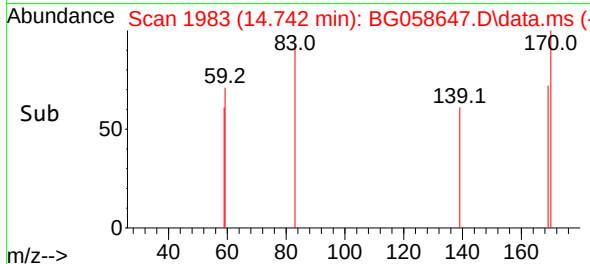
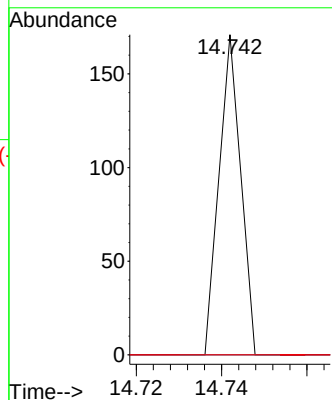
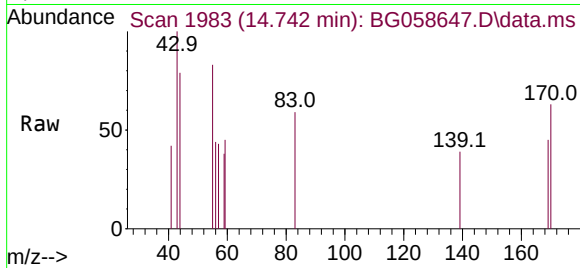




#56
4-Nitrophenol
Concen: 3.362 ng
RT: 14.742 min Scan# 1983
Delta R.T. 0.057 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

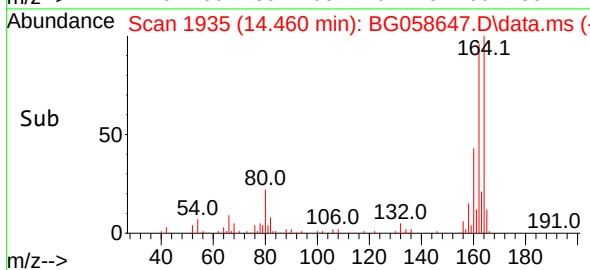
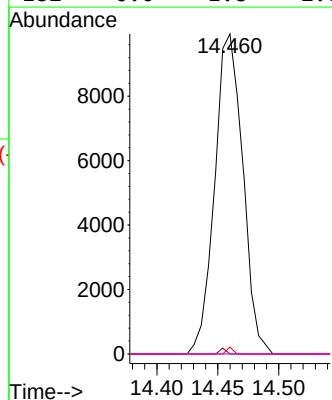
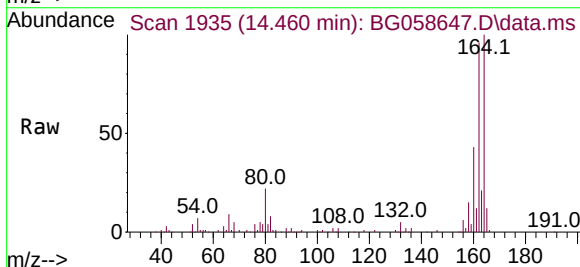
Instrument :
BNA_G
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MW-05W

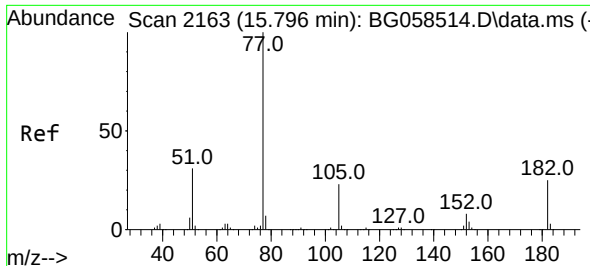
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 0.0 90.5 130.5#



#57
2,4-Dinitrotoluene
Concen: 5.479 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.372 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:165 Resp: 15927
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 2.1 55.4 83.0#
182 0.0 1.8 2.6#

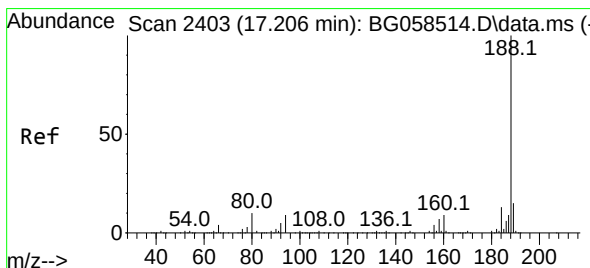
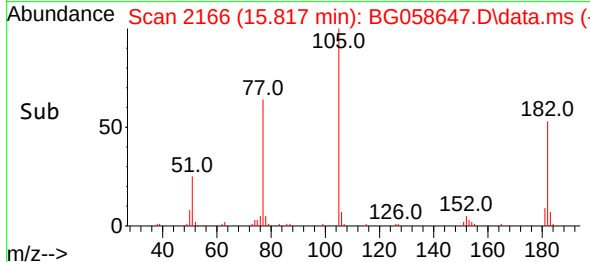
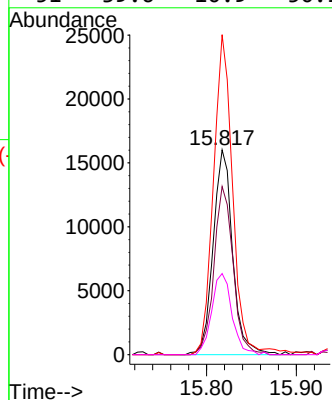
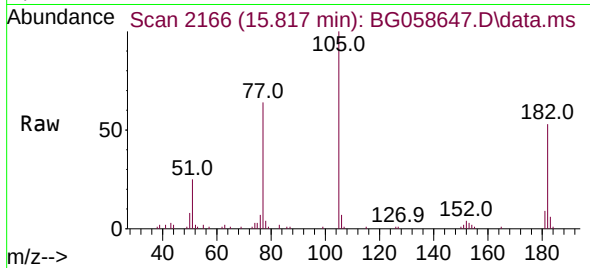




#63
Azobenzene
Concen: 2.532 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.021 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

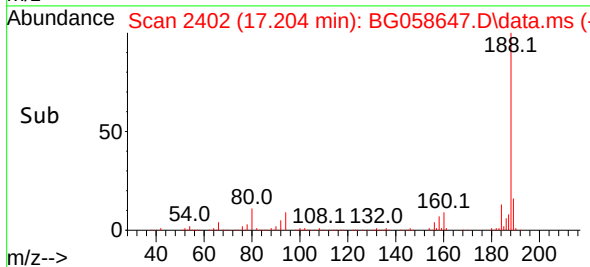
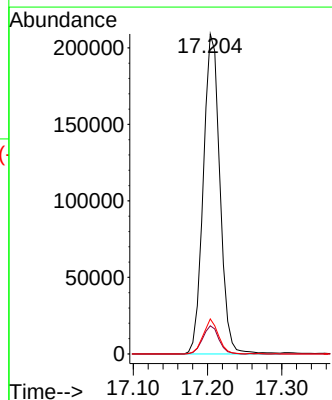
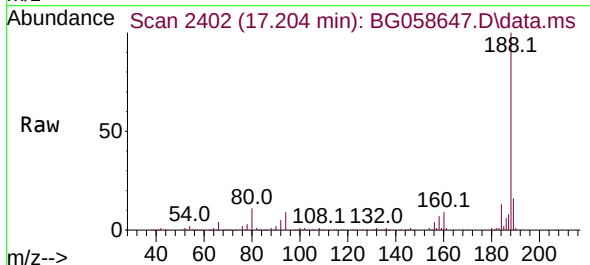
Instrument :
BNA_G
ClientSampleId :
MW-05W

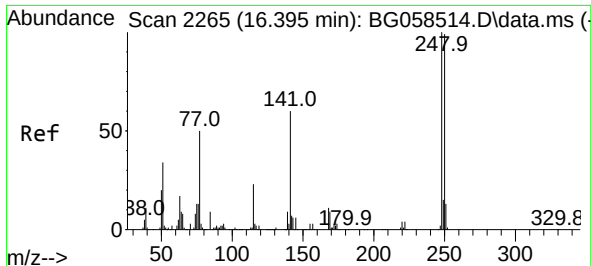
Tgt Ion: 77 Resp: 24274
Ion Ratio Lower Upper
77 100
182 82.1 4.6 44.6#
105 156.3 3.3 43.3#
51 39.6 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:188 Resp: 324460
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.9 8.1 12.1

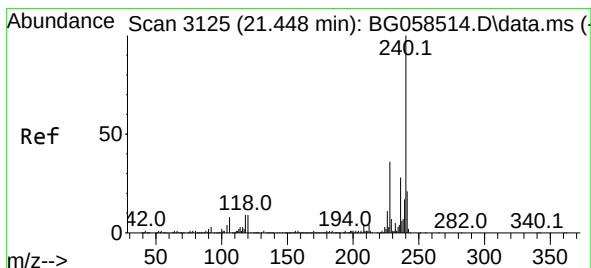
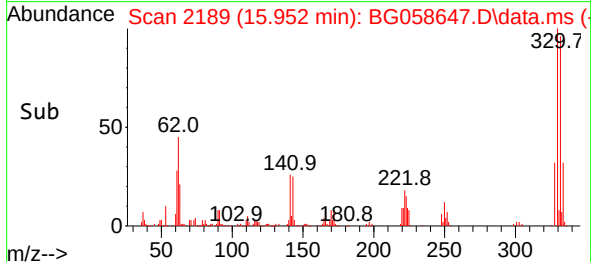
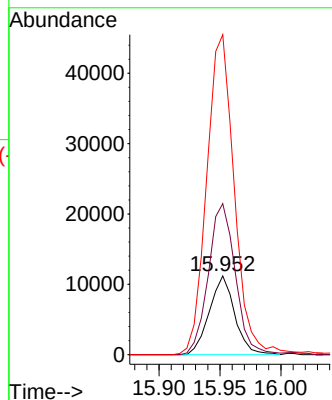
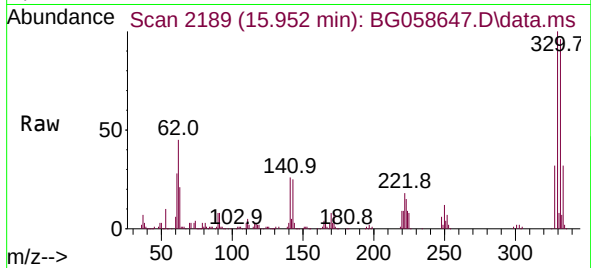




#67
4-Bromophenyl-phenylether
Concen: 4.406 ng
RT: 15.952 min Scan# 211
Delta R.T. -0.443 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

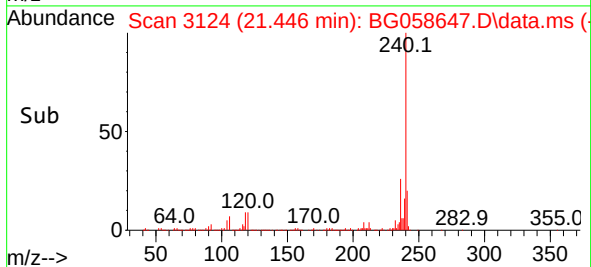
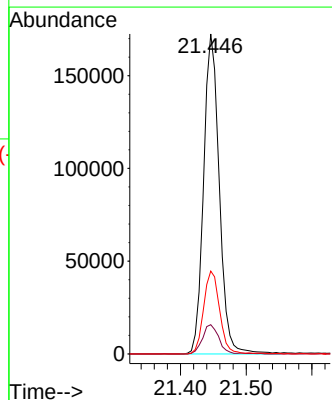
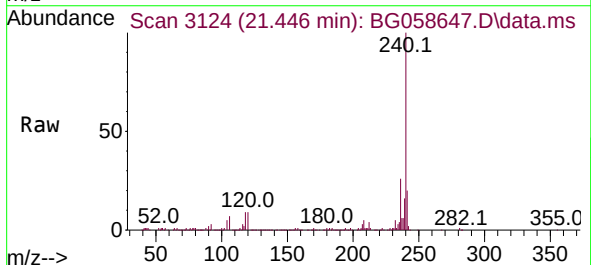
Instrument :
BNA_G
ClientSampleId :
MW-05W

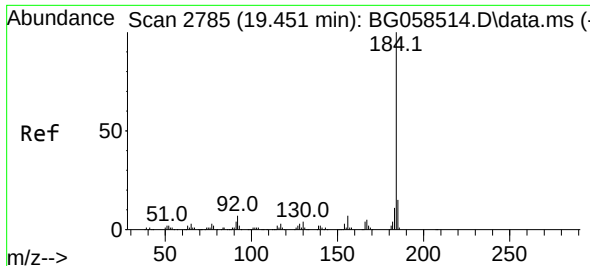
Tgt Ion:248 Resp: 16216
Ion Ratio Lower Upper
248 100
250 191.8 79.5 119.3#
141 406.7 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:240 Resp: 285178
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 25.9 22.2 33.4

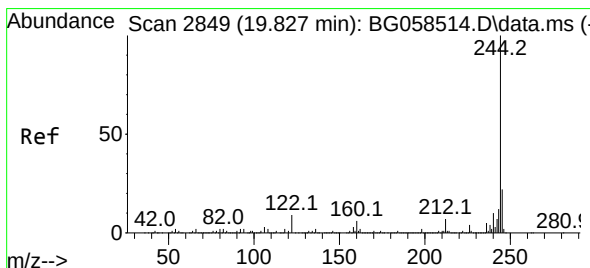
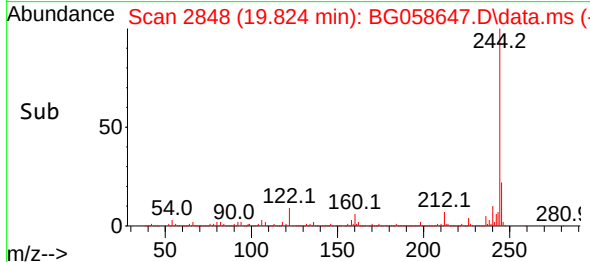
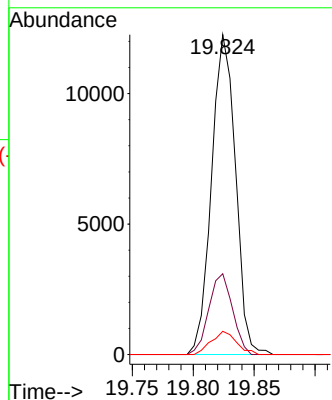
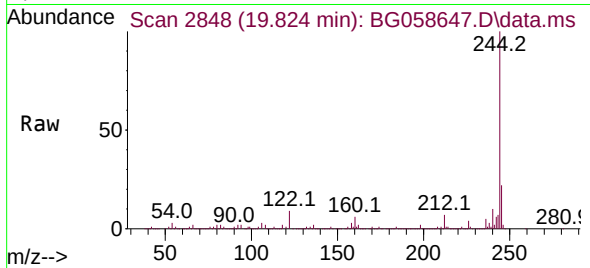




#77
Benzidine
Concen: 3.876 ng
RT: 19.824 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

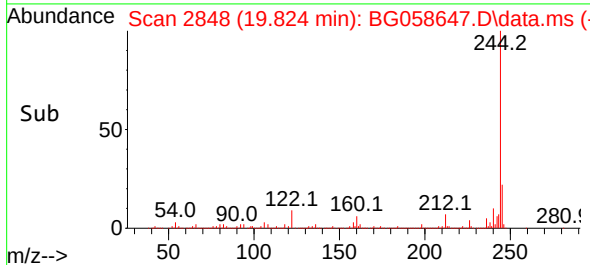
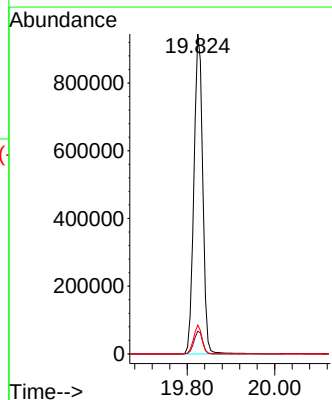
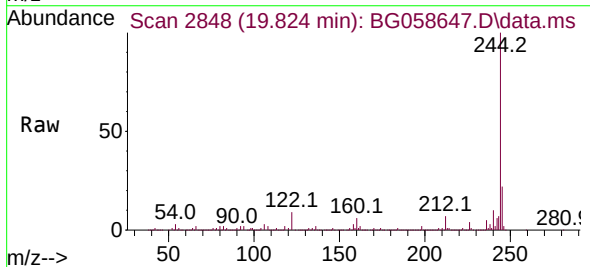
Instrument :
BNA_G
ClientSampleId :
MW-05W

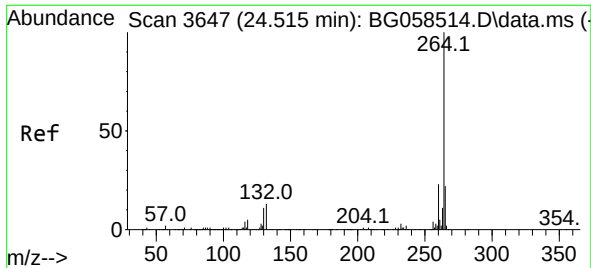
Tgt Ion:184 Resp: 16760
Ion Ratio Lower Upper
184 100
185 25.3 11.9 17.9#
183 7.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 87.052 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG058647.D
Acq: 8 Aug 2023 17:51

Tgt Ion:244 Resp: 1320130
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.0 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.519 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG058647.D
 Acq: 8 Aug 2023 17:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-05W

Tgt Ion:264 Resp: 345923
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.1 17.9 26.9

