

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058567.D
 Acq On : 1 Aug 2023 18:03
 Operator : MA/JU
 Sample : 03715-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-03-BW

Quant Time: Aug 01 19:03:30 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)

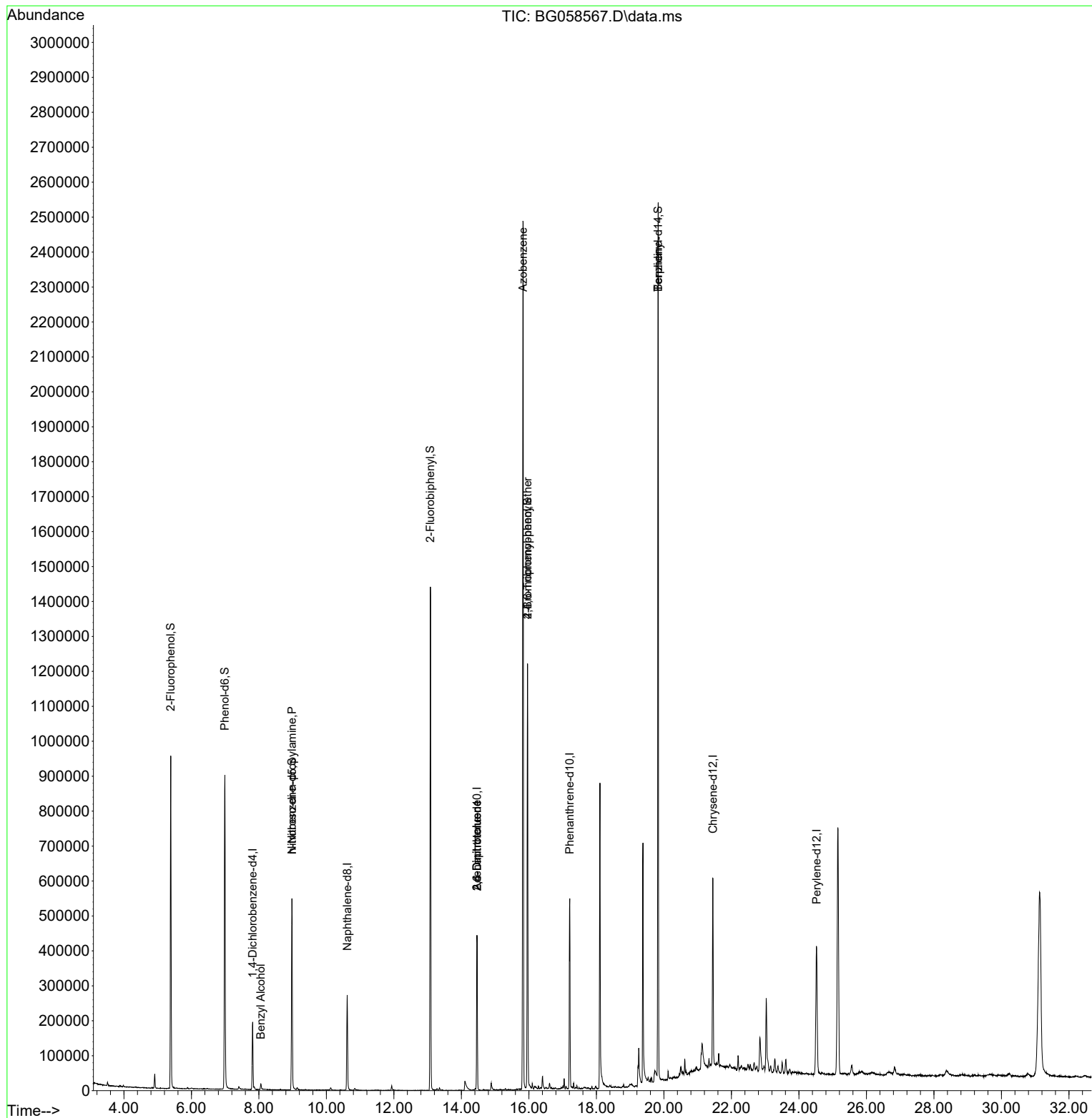
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	54773	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	236545	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	163187	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	363482	20.000	ng	0.00
76) Chrysene-d12	21.451	240	313862	20.000	ng	0.00
86) Perylene-d12	24.524	264	389626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	396414	110.621	ng	0.00
7) Phenol-d6	6.992	99	556820	111.667	ng	0.00
23) Nitrobenzene-d5	8.978	82	342846	71.202	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	265155	99.133	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	805170	73.941	ng	0.00
79) Terphenyl-d14	19.830	244	1328160	79.578	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.055	79	7477	2.364	ng	94
19) n-Nitroso-di-n-propyla...	8.978	70	42552	13.211	ng	# 82
51) 2,6-Dinitrotoluene	14.460	165	21774	8.097	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	21774	5.840	ng	# 25
63) Azobenzene	15.823	77	810529	65.908	ng	# 1
67) 4-Bromophenyl-phenylether	15.958	248	16359	3.968	ng	# 1
77) Benzydine	19.830	184	16675	3.504	ng	# 95

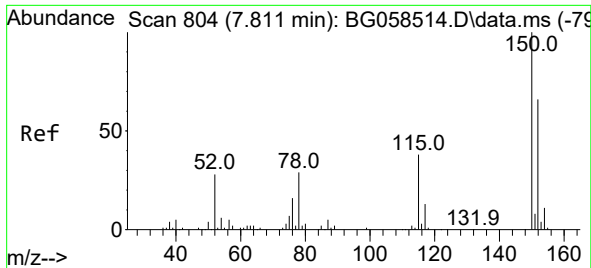
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
Data File : BG058567.D
Acq On : 1 Aug 2023 18:03
Operator : MA/JU
Sample : 03715-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

Quant Time: Aug 01 19:03:30 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

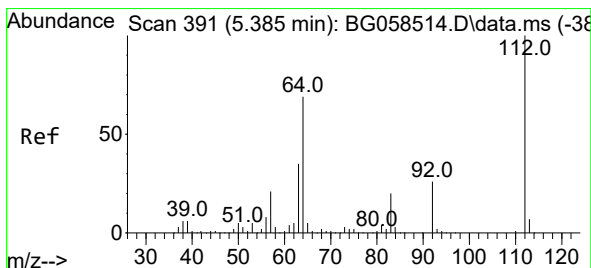
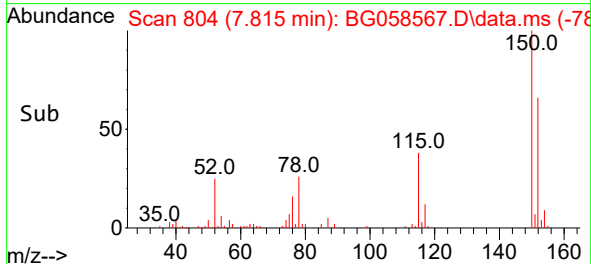
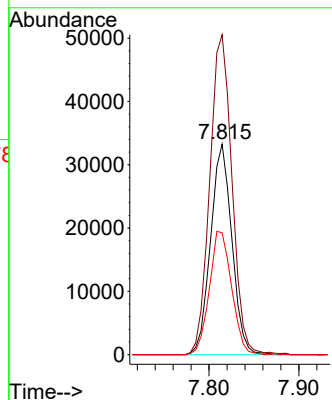
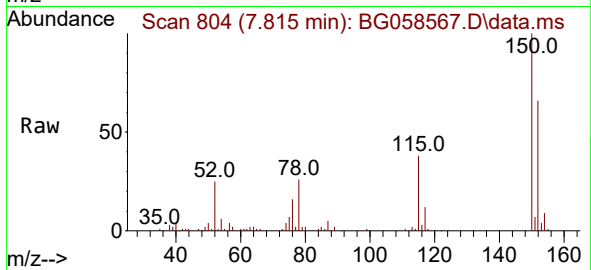




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

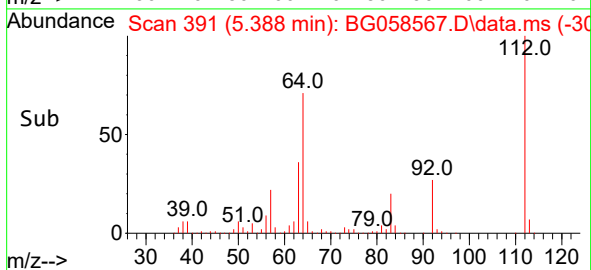
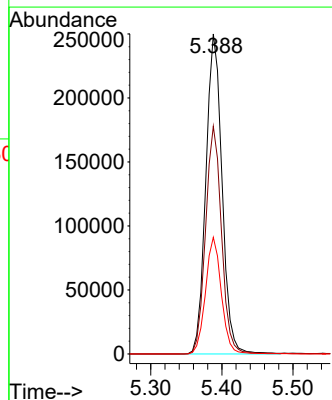
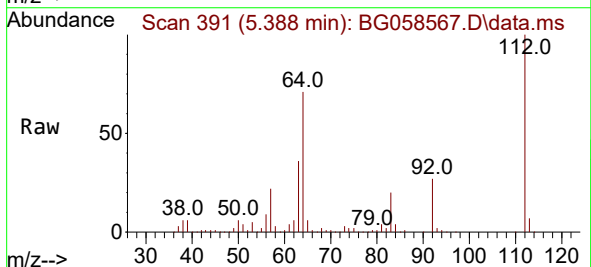
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

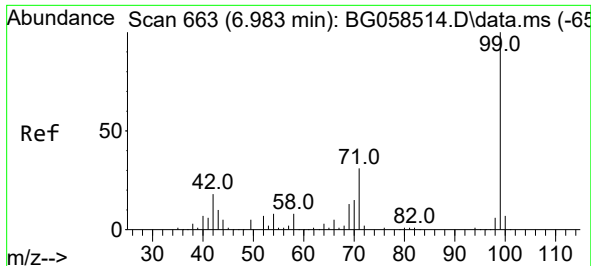
Tgt Ion:152 Resp: 54773
Ion Ratio Lower Upper
152 100
150 151.9 120.5 180.7
115 57.9 45.9 68.9



#5
2-Fluorophenol
Concen: 110.621 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:112 Resp: 396414
Ion Ratio Lower Upper
112 100
64 71.1 55.3 82.9
63 36.4 28.3 42.5

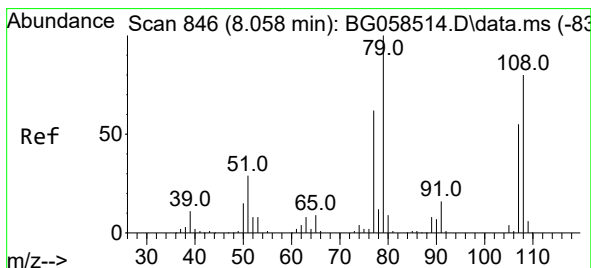
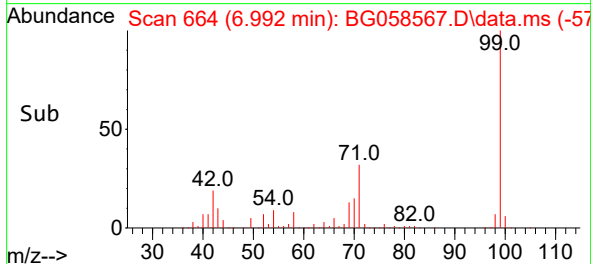
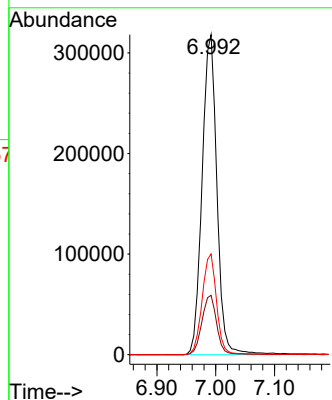
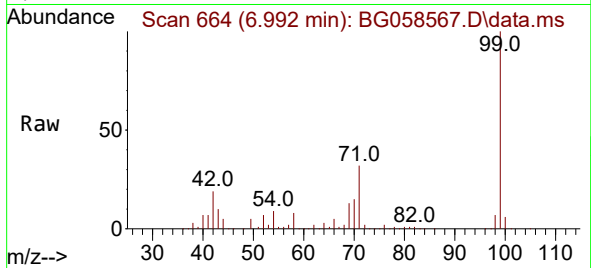




#7
Phenol-d6
Concen: 111.667 ng
RT: 6.992 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

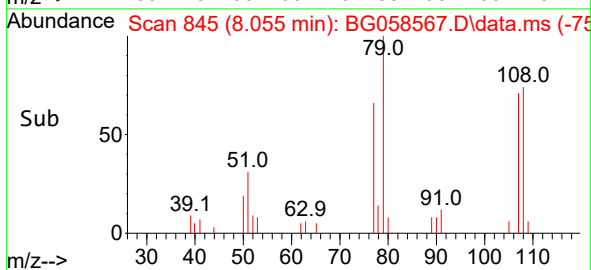
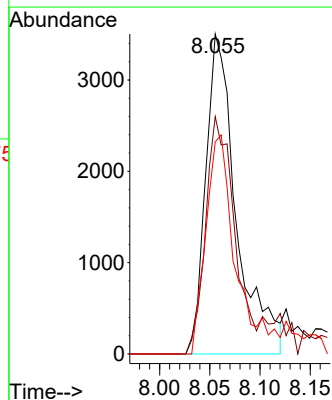
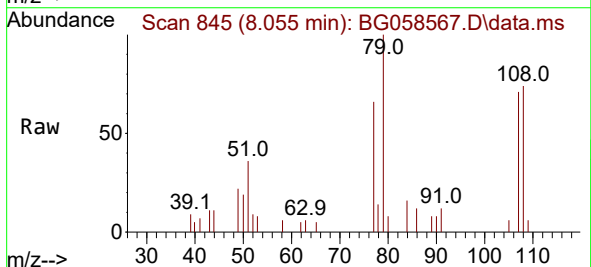
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

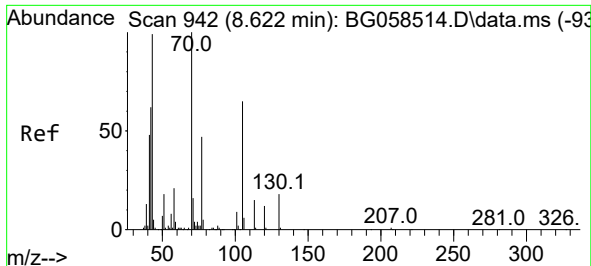
Tgt Ion: 99 Resp: 556820
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.5 25.0 37.4



#15
Benzyl Alcohol
Concen: 2.364 ng
RT: 8.055 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion: 79 Resp: 7477
Ion Ratio Lower Upper
79 100
108 74.2 63.8 95.6
77 66.3 49.8 74.6

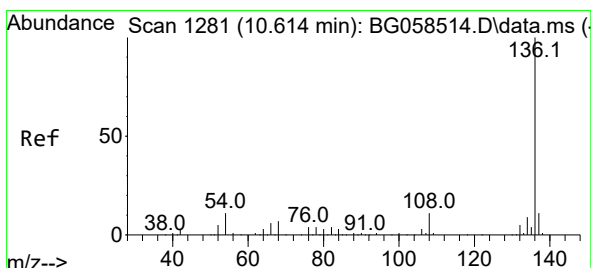
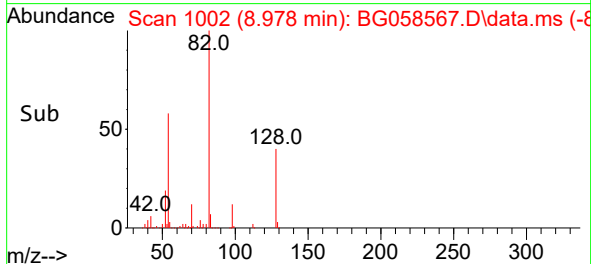
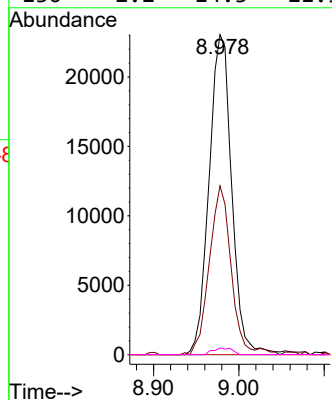
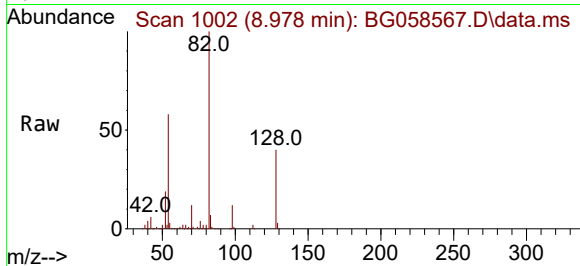




#19
n-Nitroso-di-n-propylamine
Concen: 13.211 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

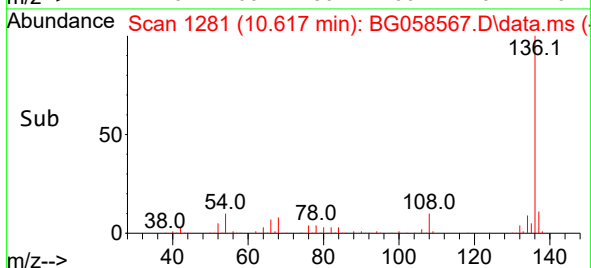
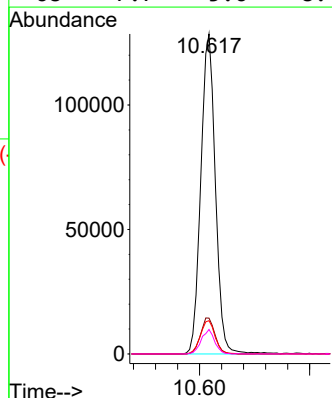
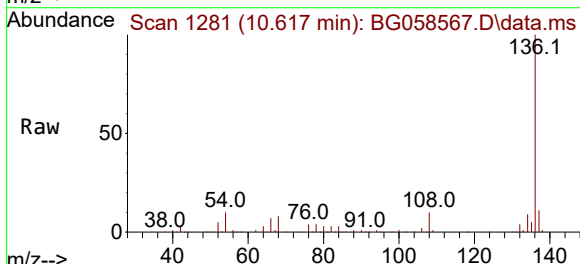
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

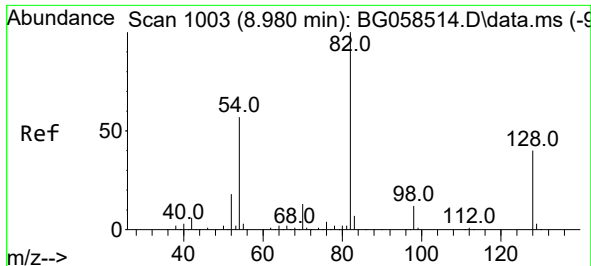
Tgt Ion: 70 Resp: 42552
Ion Ratio Lower Upper
70 100
42 52.7 49.7 74.5
101 0.0 7.0 10.4#
130 2.2 14.3 21.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion: 136 Resp: 236545
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.9 13.3
68 7.7 5.6 8.4

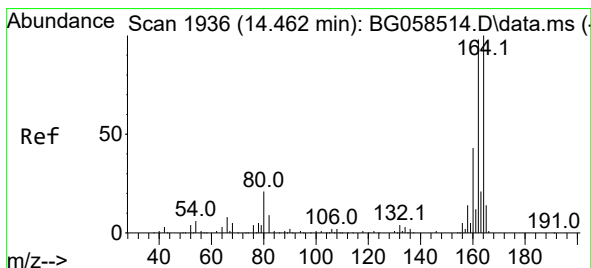
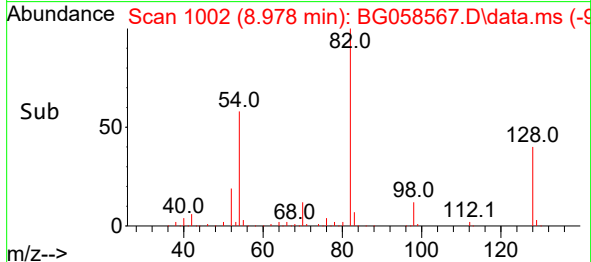
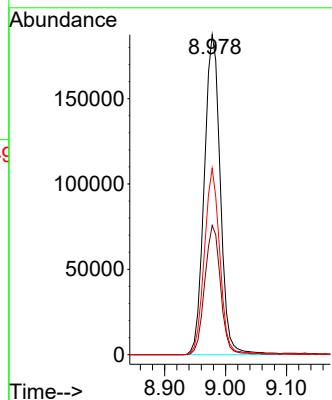
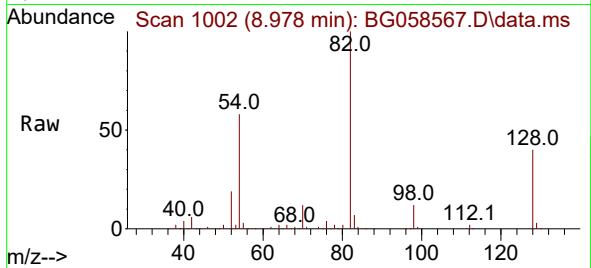




#23
 Nitrobenzene-d5
 Concen: 71.202 ng
 RT: 8.978 min Scan# 1002
 Delta R.T. -0.003 min
 Lab File: BG058567.D
 Acq: 1 Aug 2023 18:03

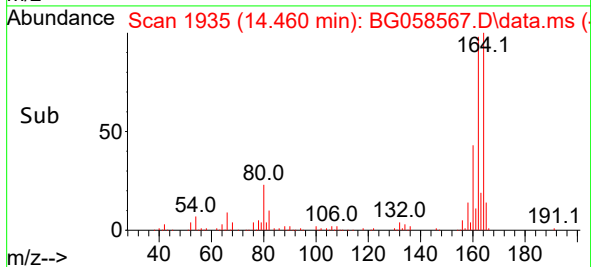
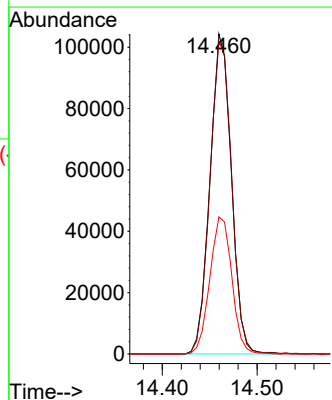
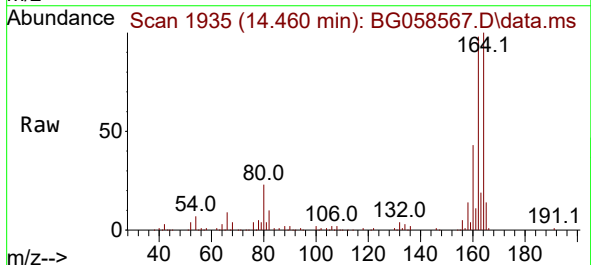
Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-03-BW

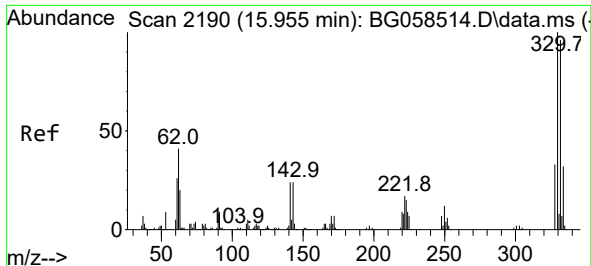
Tgt Ion: 82 Resp: 342846
 Ion Ratio Lower Upper
 82 100
 128 40.4 32.2 48.2
 54 58.2 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.460 min Scan# 1935
 Delta R.T. -0.003 min
 Lab File: BG058567.D
 Acq: 1 Aug 2023 18:03

Tgt Ion:164 Resp: 163187
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.3 117.5
 160 42.9 34.1 51.1

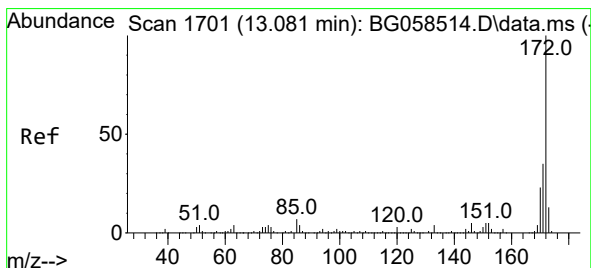
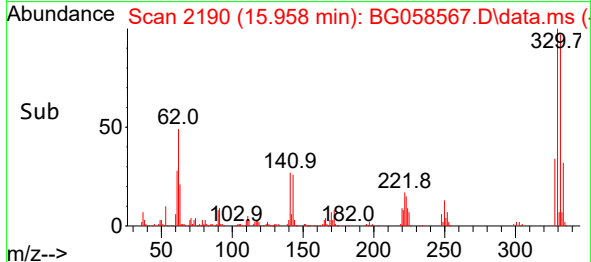
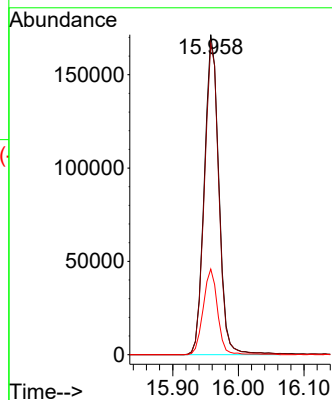
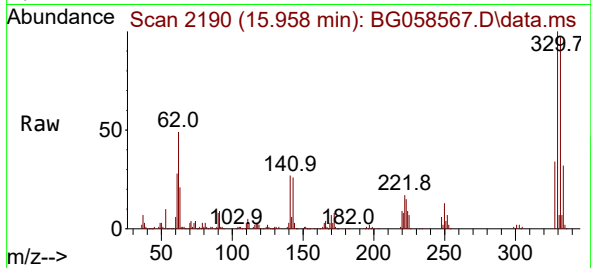




#42
2,4,6-Tribromophenol
Concen: 99.133 ng
RT: 15.958 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

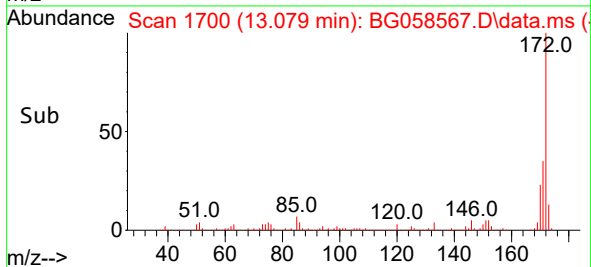
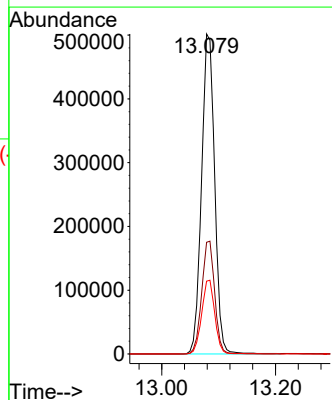
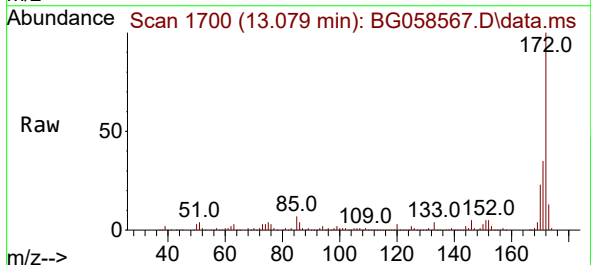
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

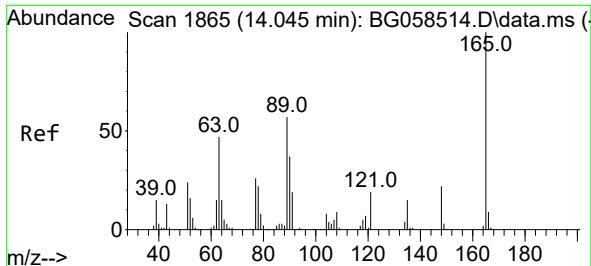
Tgt Ion:330 Resp: 265155
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.2 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 73.941 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:172 Resp: 805170
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 22.8 18.4 27.6

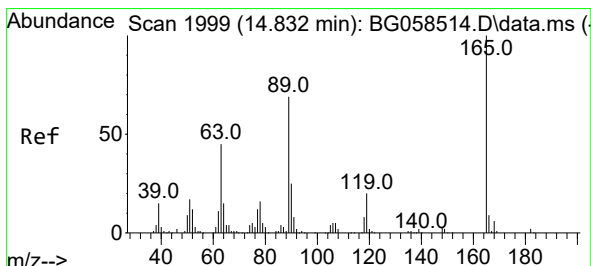
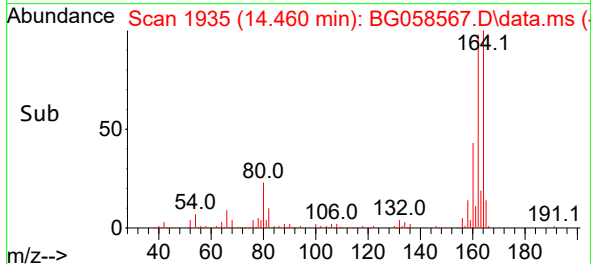
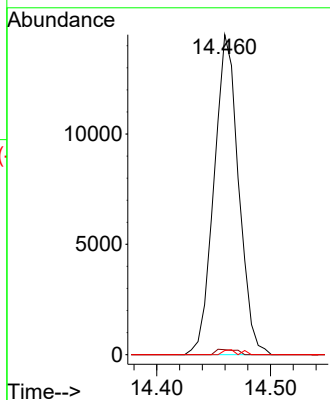
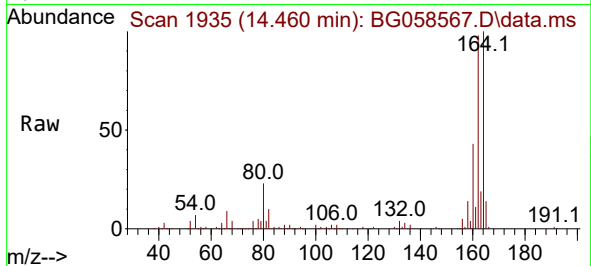




#51
2,6-Dinitrotoluene
Concen: 8.097 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

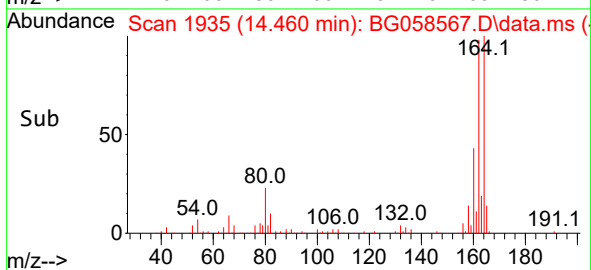
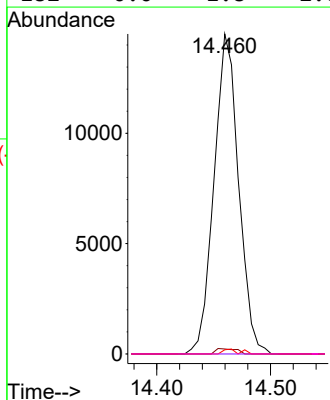
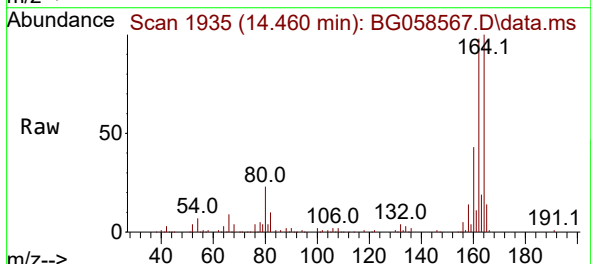
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

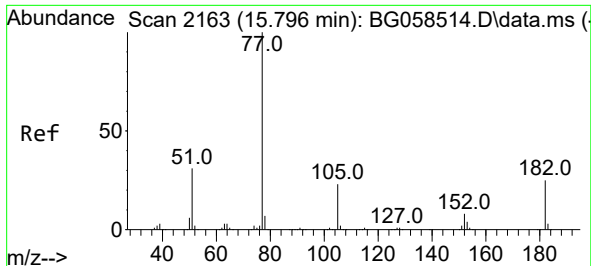
Tgt Ion:165 Resp: 21774
Ion Ratio Lower Upper
165 100
63 1.6 46.4 69.6#
89 1.3 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.840 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.372 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:165 Resp: 21774
Ion Ratio Lower Upper
165 100
63 1.6 36.6 54.8#
89 1.3 55.4 83.0#
182 0.0 1.8 2.6#

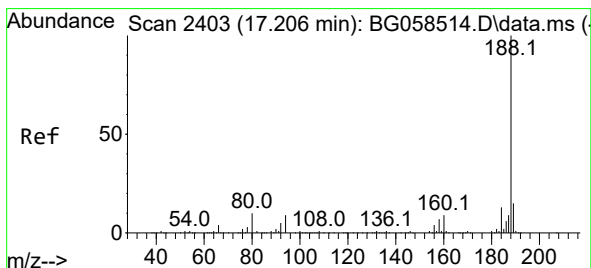
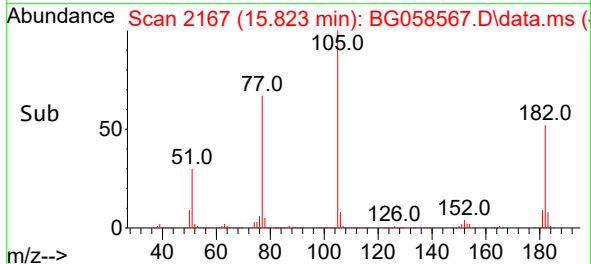
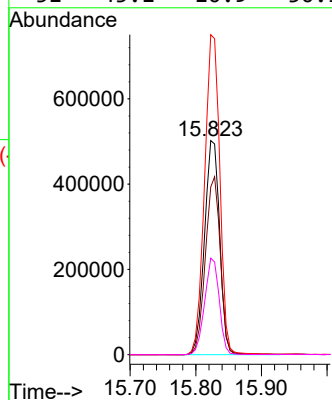
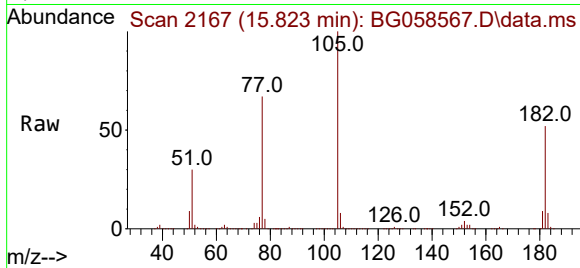




#63
Azobenzene
Concen: 65.908 ng
RT: 15.823 min Scan# 2163
Delta R.T. 0.027 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

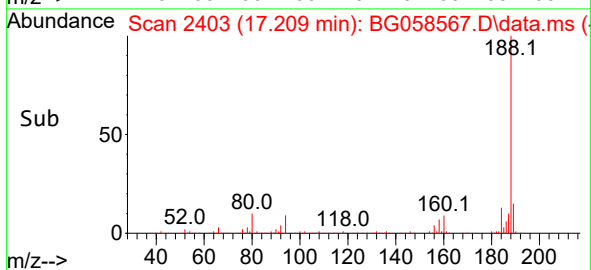
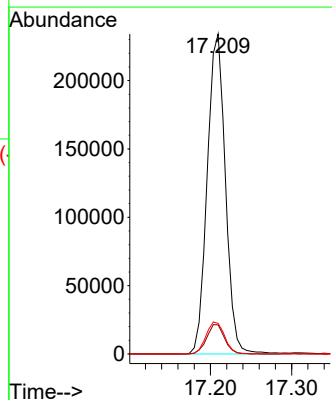
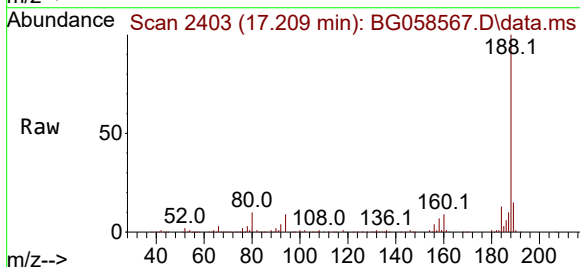
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

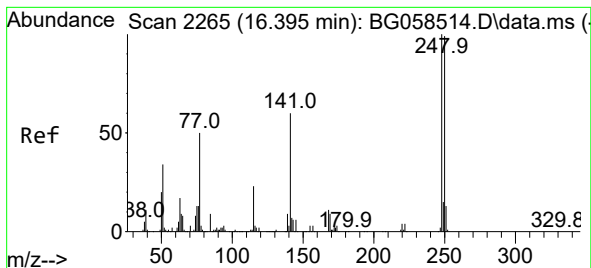
Tgt Ion: 77 Resp: 810529
Ion Ratio Lower Upper
77 100
182 78.3 4.6 44.6#
105 149.4 3.3 43.3#
51 45.1 10.9 50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:188 Resp: 363482
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.6 8.1 12.1

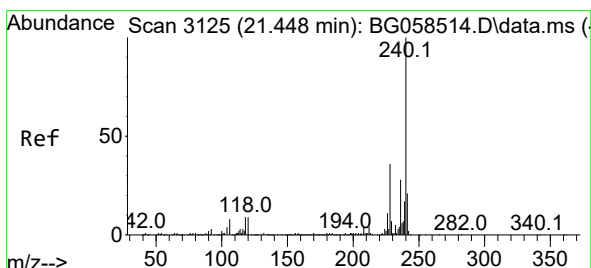
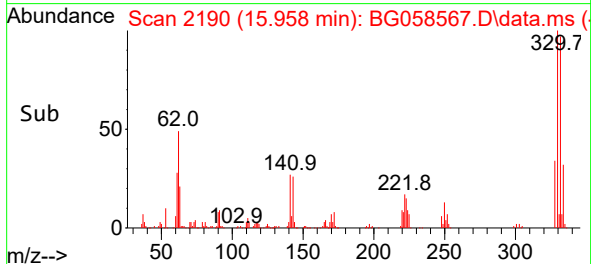
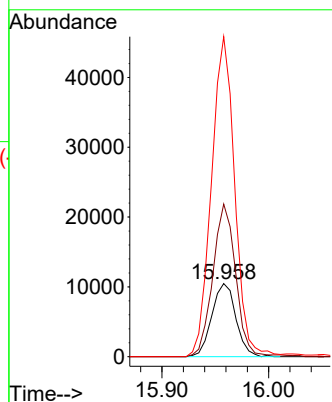
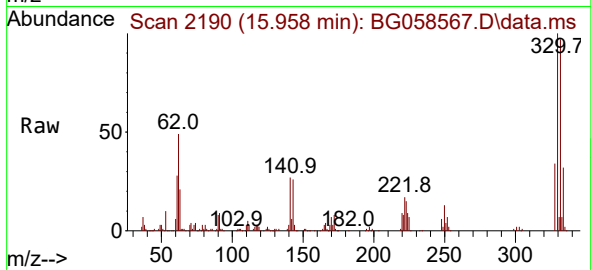




#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 15.958 min Scan# 2190
Delta R.T. -0.437 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

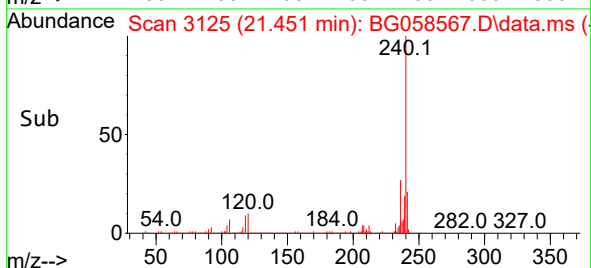
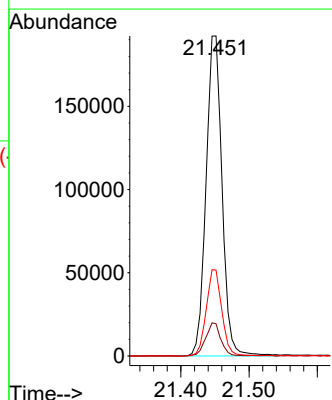
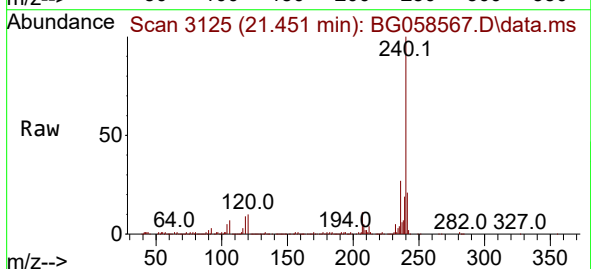
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

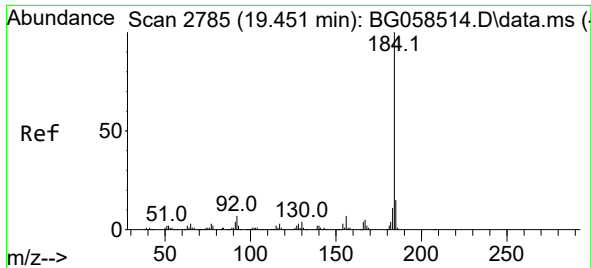
Tgt Ion:248 Resp: 16359
Ion Ratio Lower Upper
248 100
250 208.6 79.5 119.3#
141 437.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:240 Resp: 313862
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.9 22.2 33.4

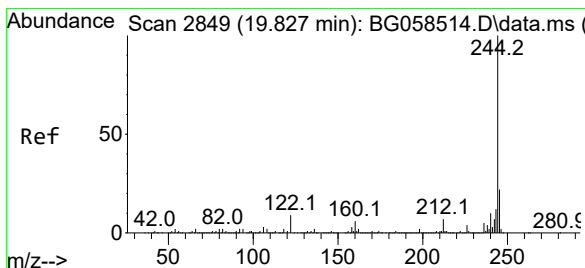
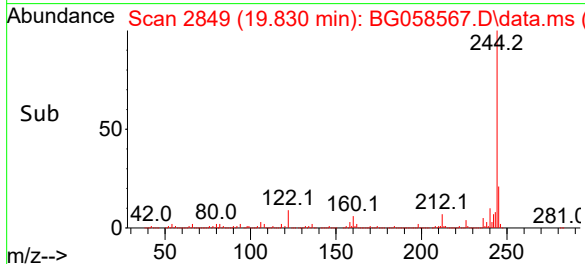
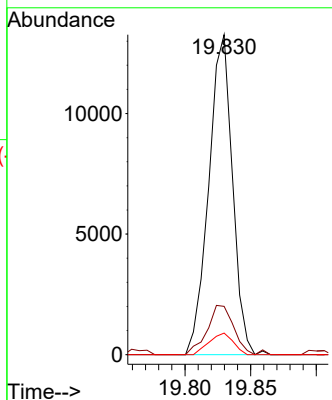
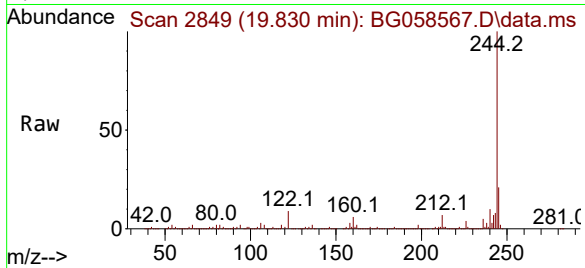




#77
Benzidine
Concen: 3.504 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

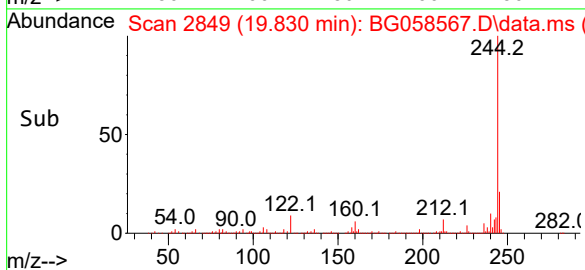
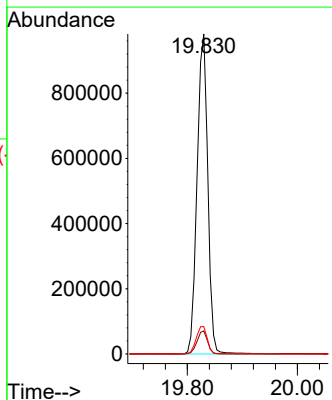
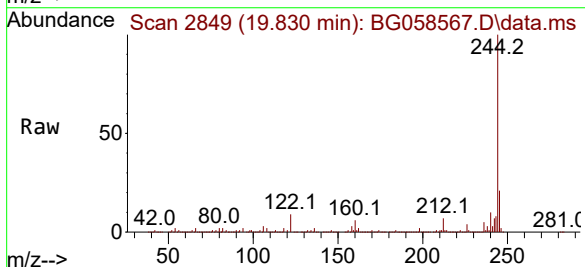
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-BW

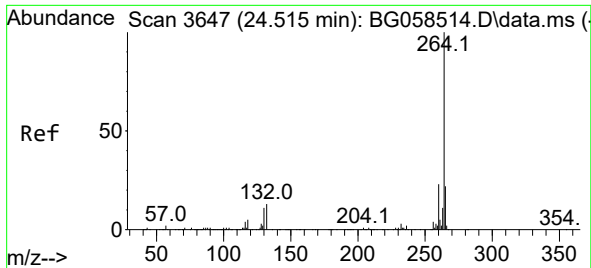
Tgt Ion:184 Resp: 16675
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 6.7 8.7 13.1#



#79
Terphenyl-d14
Concen: 79.578 ng
RT: 19.830 min Scan# 2849
Delta R.T. 0.003 min
Lab File: BG058567.D
Acq: 1 Aug 2023 18:03

Tgt Ion:244 Resp: 1328160
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.524 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG058567.D
 Acq: 1 Aug 2023 18:03

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-03-BW

Tgt Ion:264 Resp: 389626
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 21.7 17.9 26.9

