

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054590.D
 Acq On : 10 Aug 2022 16:07
 Operator : CG/JU
 Sample : N4117-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080922-A

Quant Time: Aug 10 17:09:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

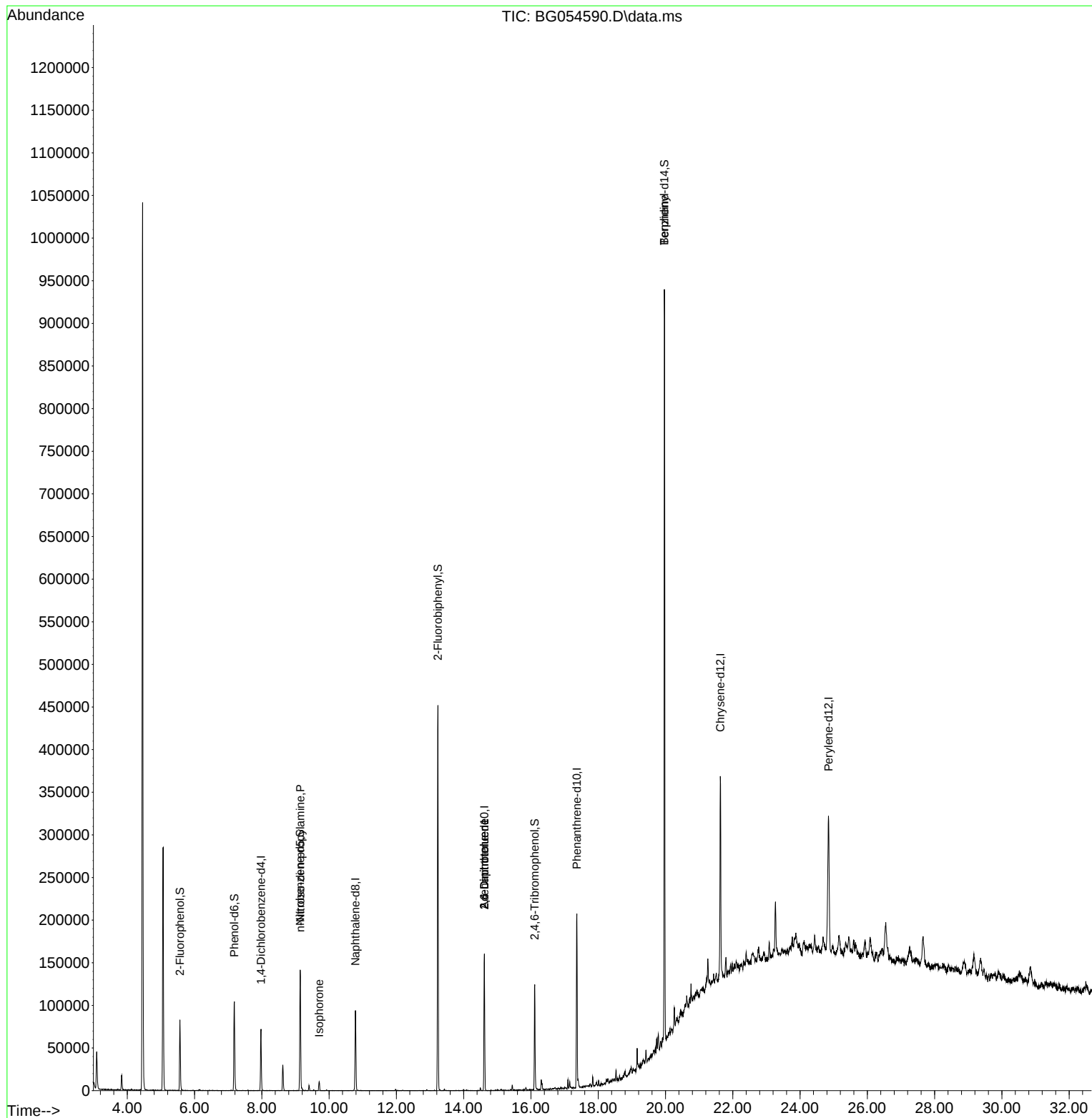
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	22722	20.000	ng	0.00
21) Naphthalene-d8	10.784	136	85554	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	62948	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	153047	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	169881	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	179930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	38321	35.212	ng	0.00
7) Phenol-d6	7.183	99	63625	42.667	ng	0.00
23) Nitrobenzene-d5	9.139	82	88517	56.343	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	35288	26.699	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	257788	57.771	ng	0.00
79) Terphenyl-d14	19.968	244	510117	59.569	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.145	70	12375	12.427	ng	# 80
25) Isophorone	9.703	82	8902	3.258	ng	# 92
51) 2,6-Dinitrotoluene	14.615	165	8980	8.327	ng	# 16
57) 2,4-Dinitrotoluene	14.615	165	8980	5.808	ng	# 21
77) Benzydine	19.968	184	7364	2.393	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
Data File : BG054590.D
Acq On : 10 Aug 2022 16:07
Operator : CG/JU
Sample : N4117-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
080922-A

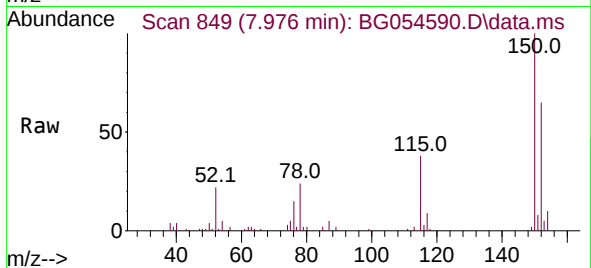
Quant Time: Aug 10 17:09:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration



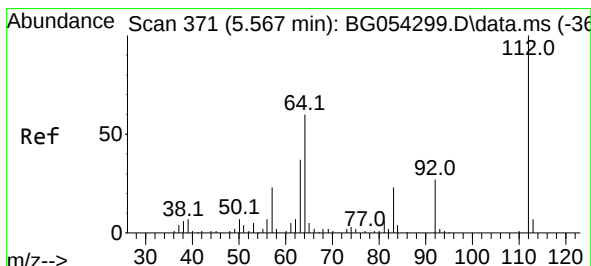
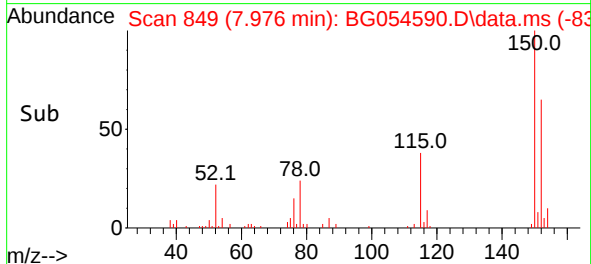
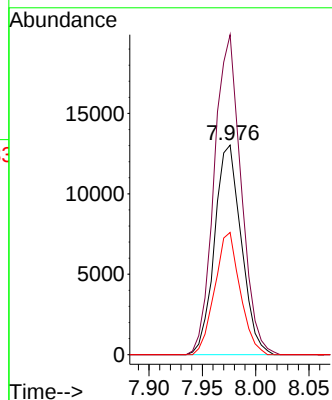


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.976 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Instrument :
BNA_G
ClientSampleId :
080922-A

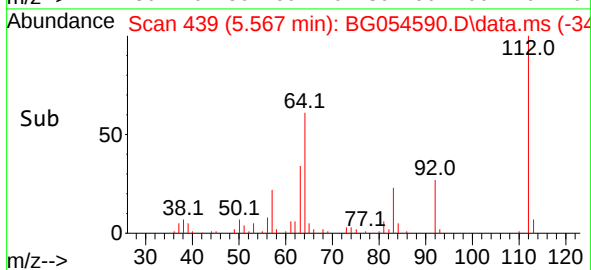
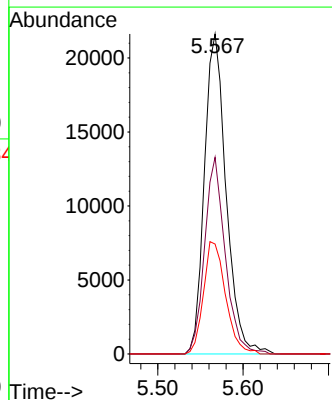
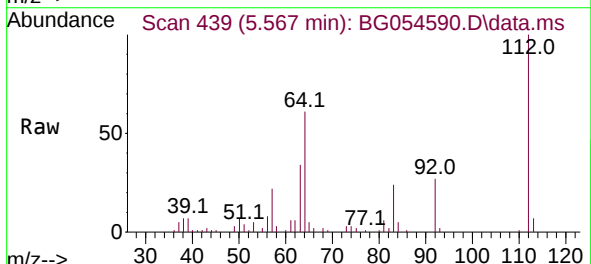


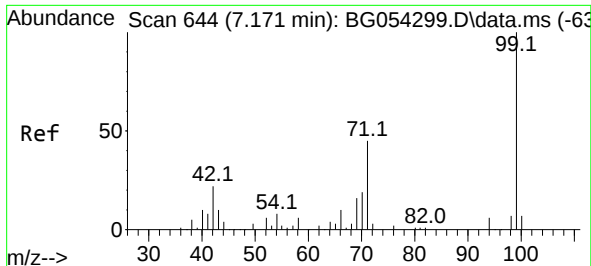
Tgt Ion:152 Resp: 22722
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 35.212 ng
RT: 5.567 min Scan# 439
Delta R.T. 0.004 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:112 Resp: 38321
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 34.4 30.4 45.6

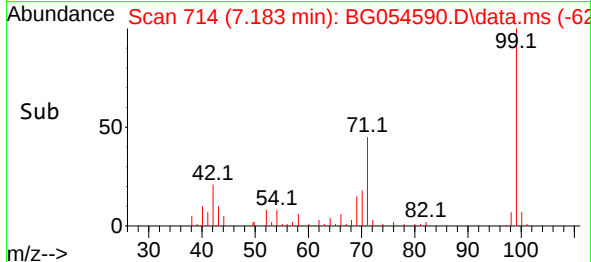
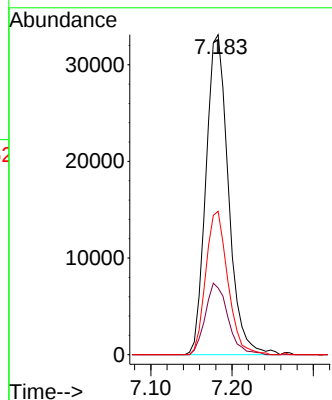
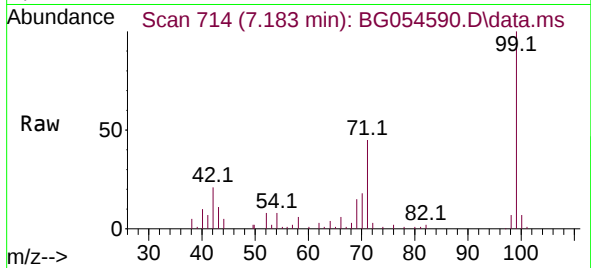




#7
Phenol-d6
Concen: 42.667 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

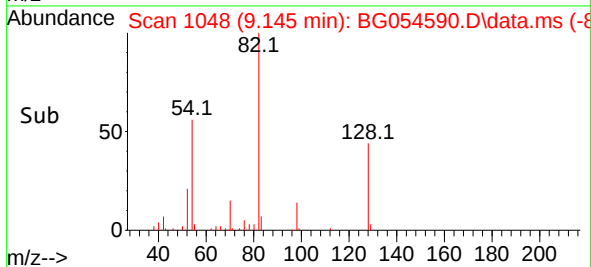
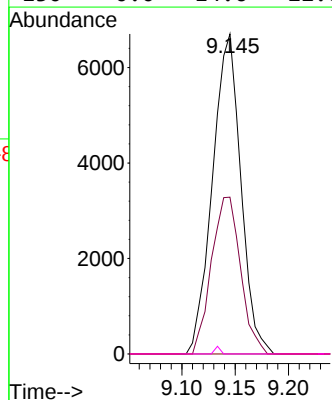
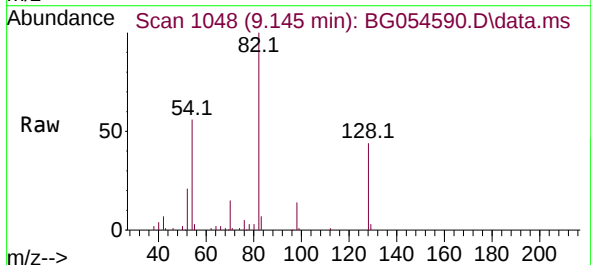
Instrument :
BNA_G
ClientSampleId :
080922-A

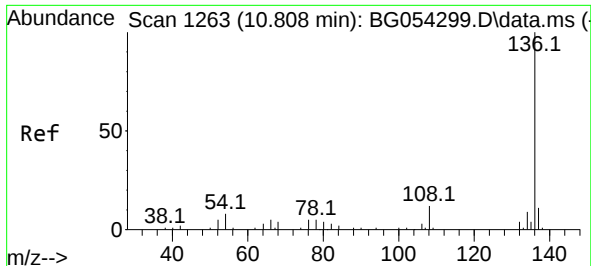
Tgt Ion: 99 Resp: 63625
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.427 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.362 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion: 70 Resp: 12375
Ion Ratio Lower Upper
70 100
42 49.0 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

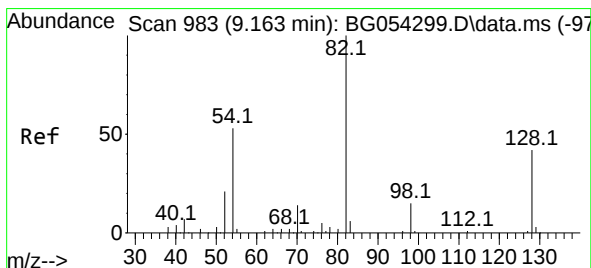
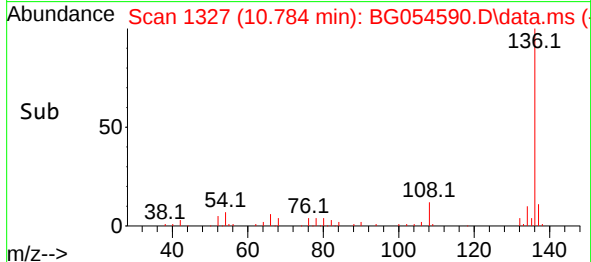
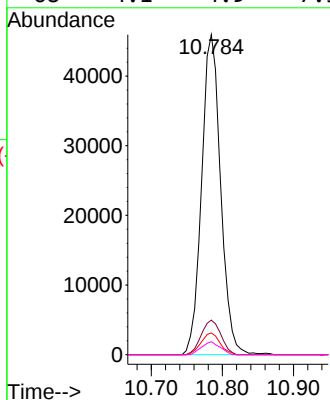
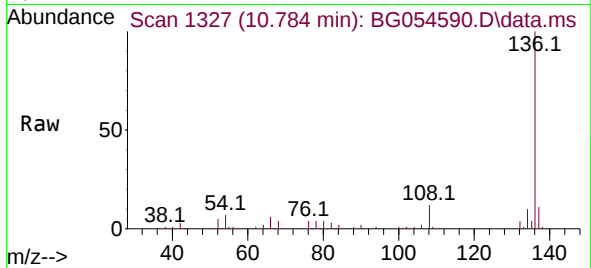




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

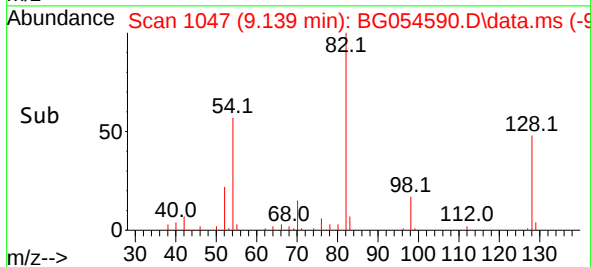
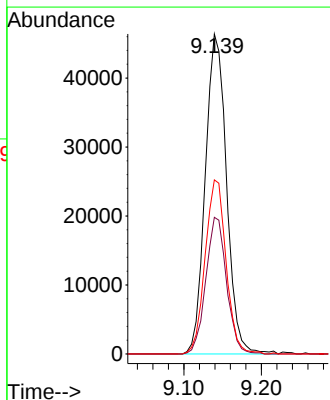
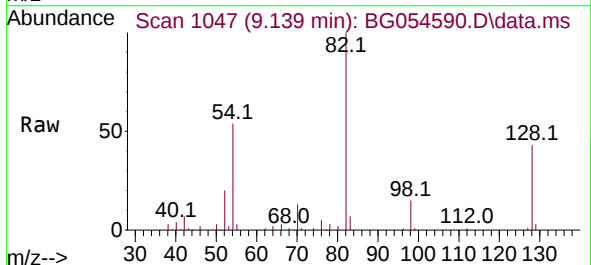
Instrument :
BNA_G
ClientSampleId :
080922-A

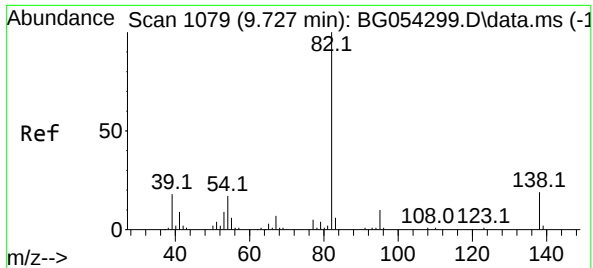
Tgt Ion:	136	Resp:	85554
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.8	7.4	11.2#
68	4.1	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 56.343 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:	82	Resp:	88517
Ion	Ratio	Lower	Upper
82	100		
128	42.7	27.9	41.9#
54	54.4	41.2	61.8

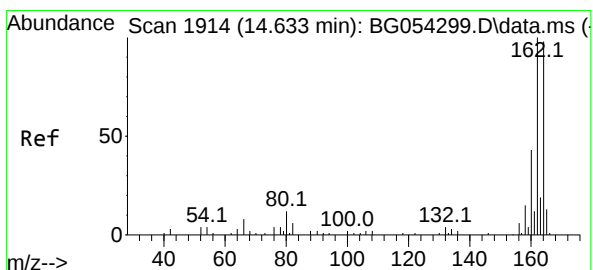
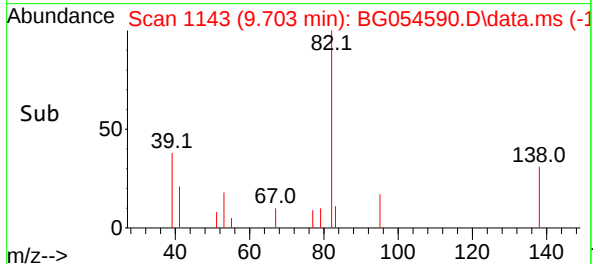
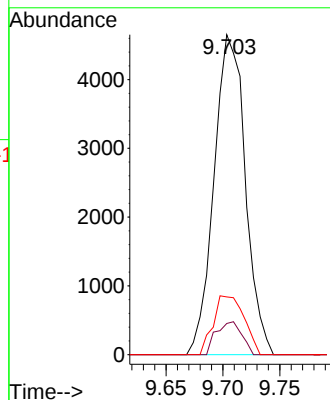
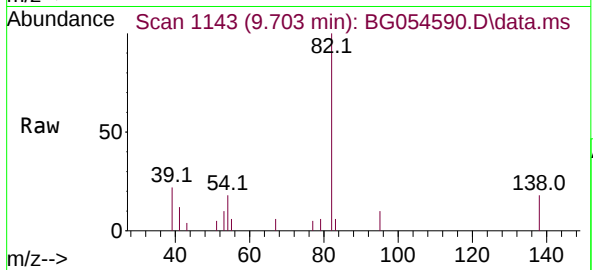




#25
Isophorone
Concen: 3.258 ng
RT: 9.703 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

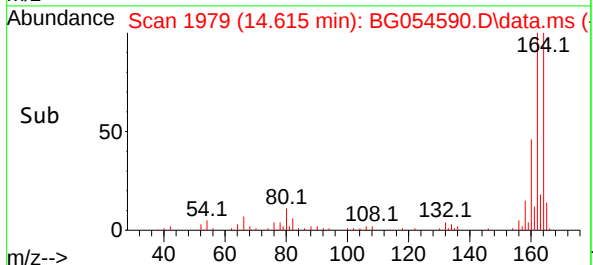
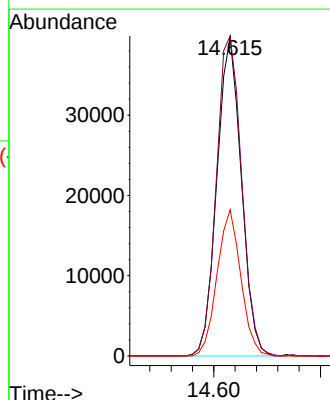
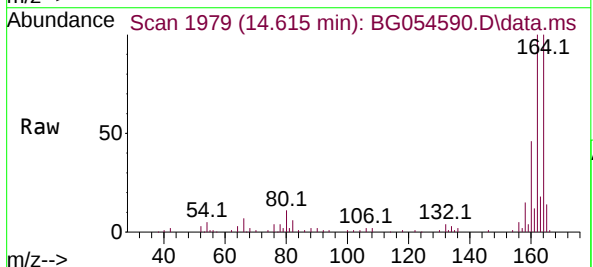
Instrument :
BNA_G
ClientSampleId :
080922-A

Tgt Ion: 82 Resp: 8902
Ion Ratio Lower Upper
82 100
95 9.7 6.2 9.4#
138 18.1 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:164 Resp: 62948
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 45.9 34.2 51.2

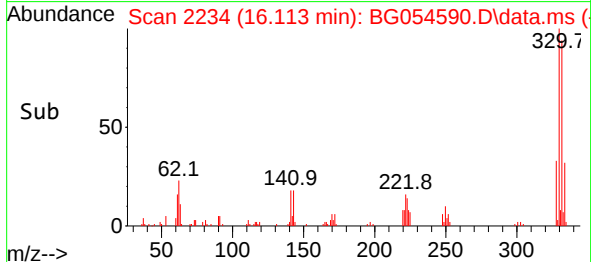
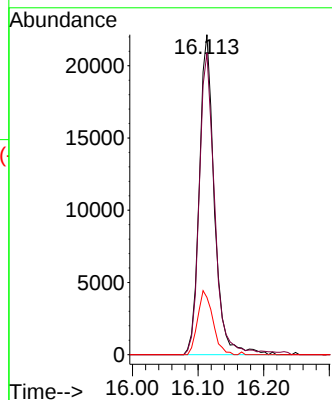
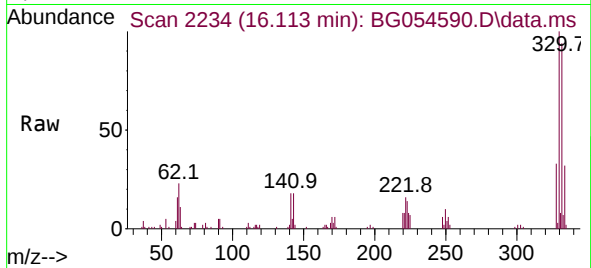




#42
2,4,6-Tribromophenol
Concen: 26.699 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

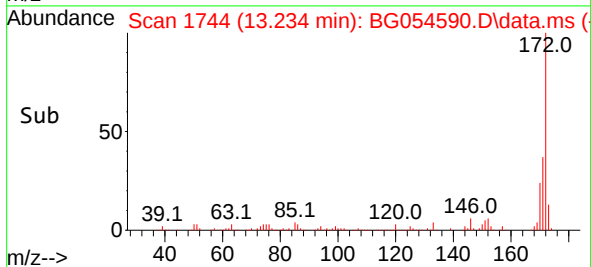
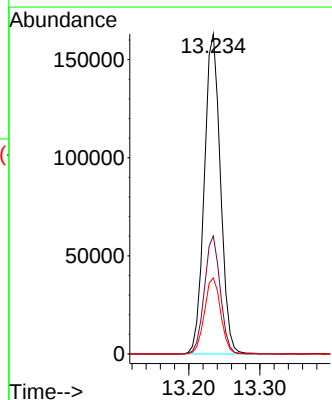
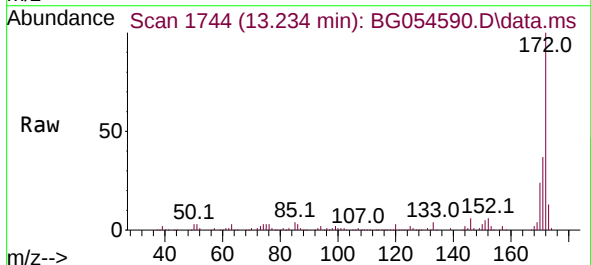
Instrument :
BNA_G
ClientSampleId :
080922-A

Tgt Ion:330 Resp: 35288
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.2 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 57.771 ng
RT: 13.234 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:172 Resp: 257788
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 23.7 18.9 28.3

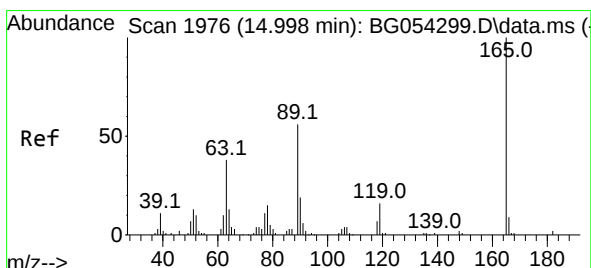
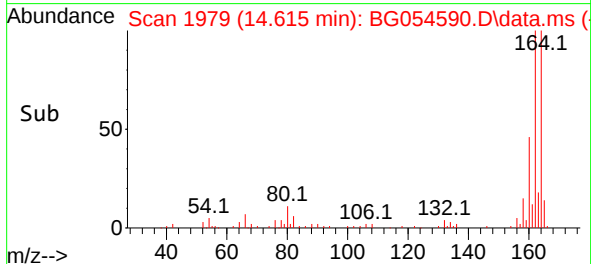
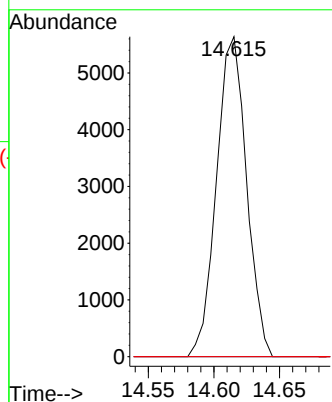
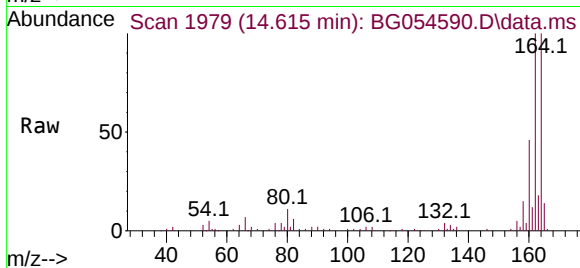




#51
2,6-Dinitrotoluene
Concen: 8.327 ng
RT: 14.615 min Scan# 1979
Delta R.T. 0.421 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

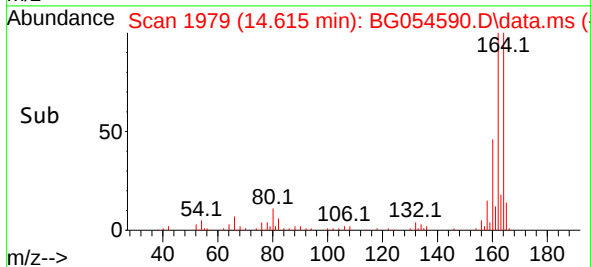
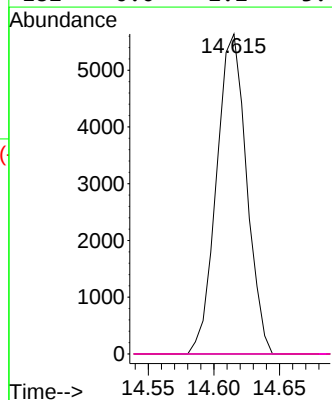
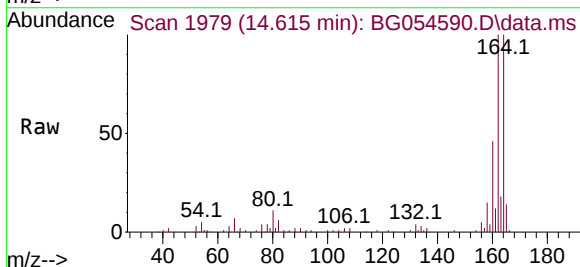
Instrument :
BNA_G
ClientSampleId :
080922-A

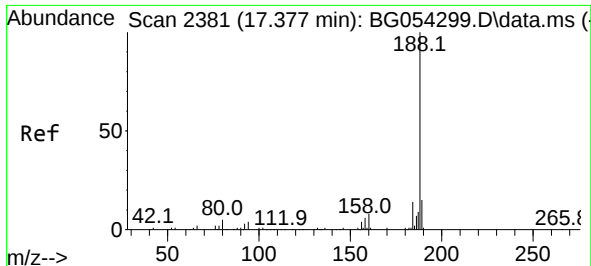
Tgt Ion:165 Resp: 8980
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.808 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.378 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:165 Resp: 8980
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

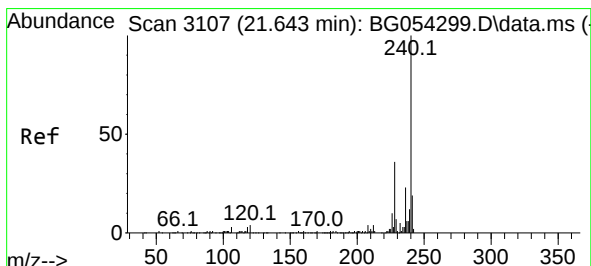
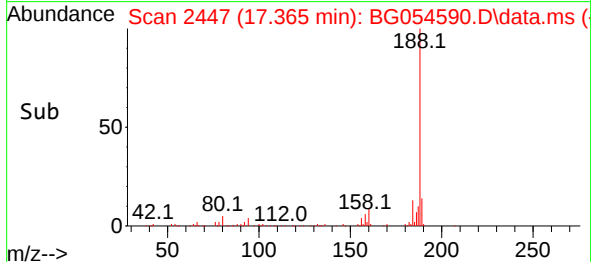
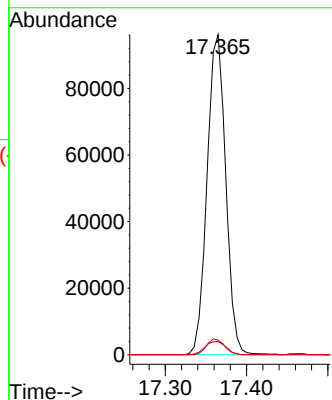
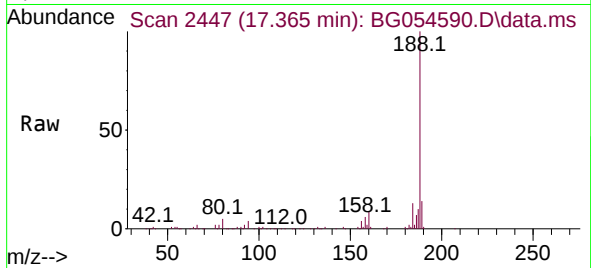




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. 0.004 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

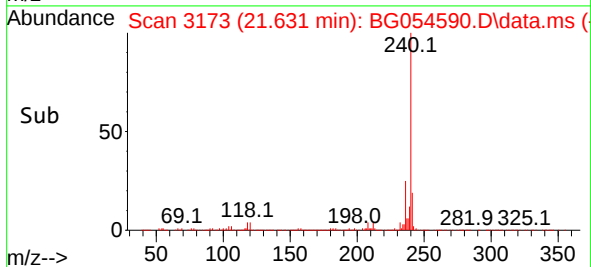
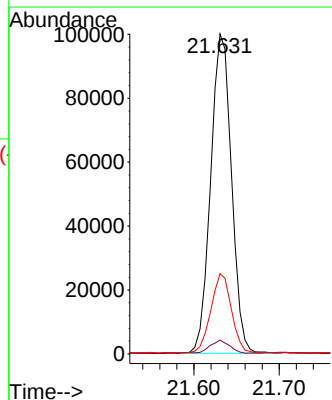
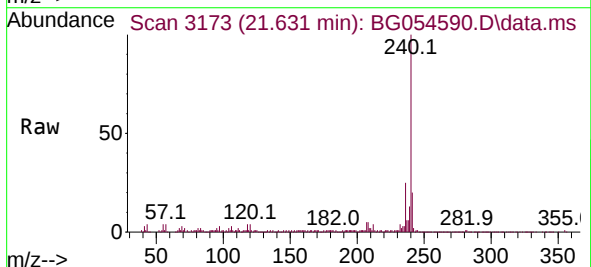
Instrument :
BNA_G
ClientSampleId :
080922-A

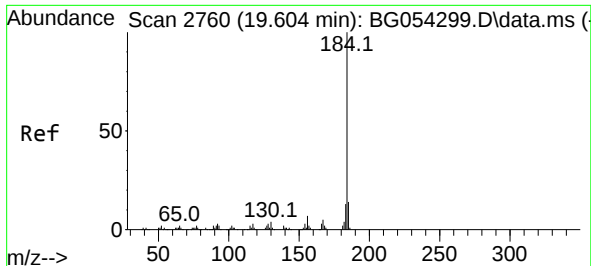
Tgt Ion:188 Resp: 153047
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:240 Resp: 169881
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 25.1 20.2 30.4

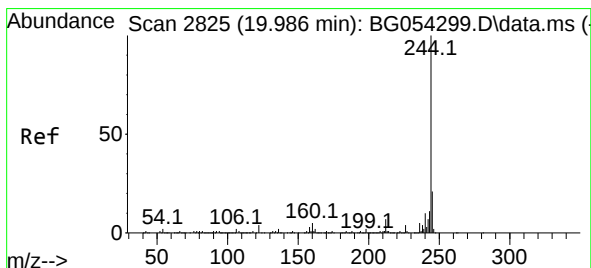
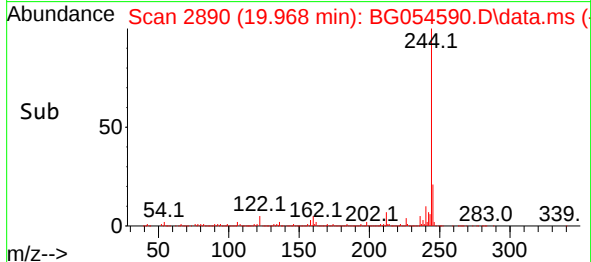
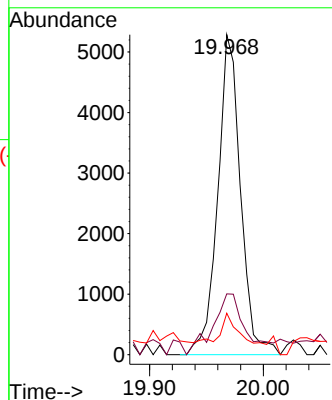
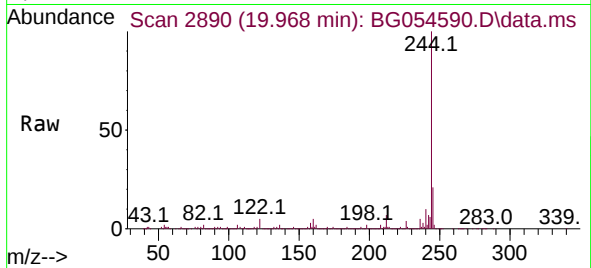




#77
Benzidine
Concen: 2.393 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.374 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

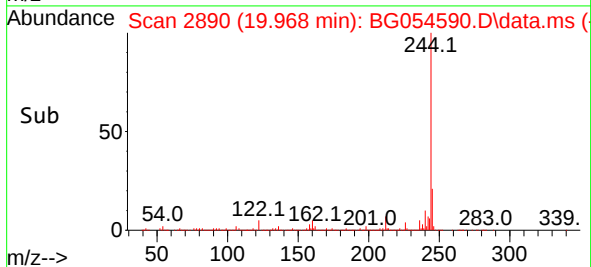
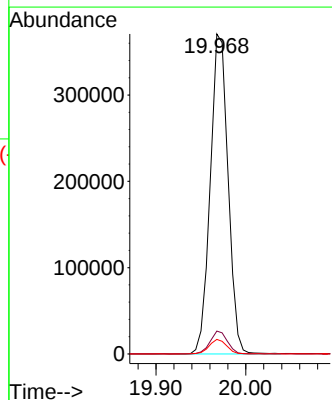
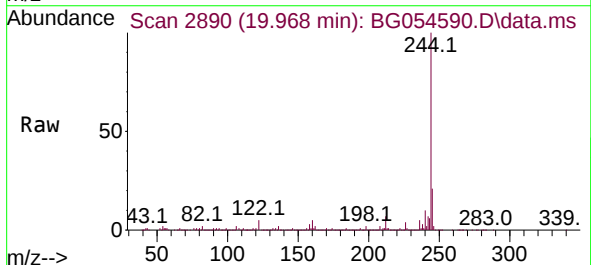
Instrument :
BNA_G
ClientSampleId :
080922-A

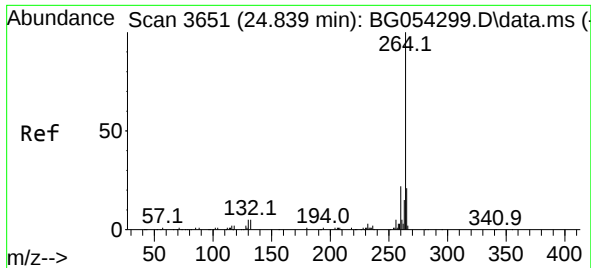
Tgt Ion:184 Resp: 7364
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.6#
183 12.9 8.9 13.3



#79
Terphenyl-d14
Concen: 59.569 ng
RT: 19.968 min Scan# 2890
Delta R.T. -0.002 min
Lab File: BG054590.D
Acq: 10 Aug 2022 16:07

Tgt Ion:244 Resp: 510117
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.6 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.844 min Scan# 31
 Delta R.T. 0.009 min
 Lab File: BG054590.D
 Acq: 10 Aug 2022 16:07

Instrument :
 BNA_G
 ClientSampleId :
 080922-A

Tgt Ion:264 Resp: 179930
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 23.3 17.4 26.2

