

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054708.D
 Acq On : 23 Aug 2022 15:26
 Operator : CG/JU
 Sample : N4265-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081922A

Quant Time: Aug 24 01:49:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

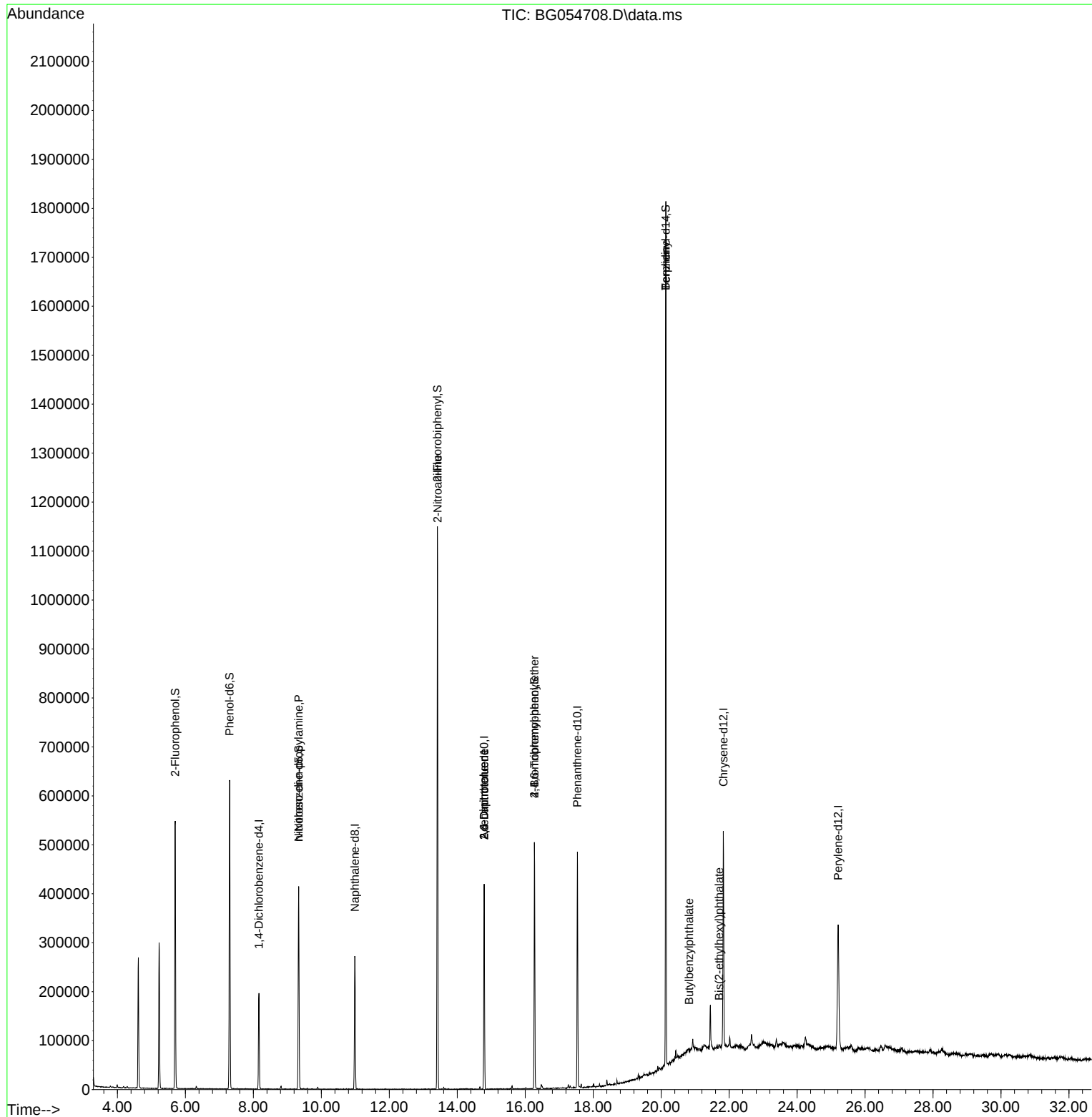
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	56688	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	239012	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	149690	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	306723	20.000	ng	0.00
76) Chrysene-d12	21.830	240	269202	20.000	ng	0.00
86) Perylene-d12	25.209	264	284588	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	250289	83.201	ng	0.01
7) Phenol-d6	7.300	99	385601	91.480	ng	0.00
23) Nitrobenzene-d5	9.333	82	253281	60.391	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	98360	82.050	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	601990	59.306	ng	0.00
79) Terphenyl-d14	20.138	244	843691	62.257	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.333	70	32271	10.881	ng	# 82
48) 2-Nitroaniline	13.423	65	978	3.992	ng	# 7
51) 2,6-Dinitrotoluene	14.792	165	19959	10.887	ng	# 22
57) 2,4-Dinitrotoluene	14.792	165	19959	10.930	ng	# 20
67) 4-Bromophenyl-phenylether	16.272	248	6445	2.183	ng	# 1
77) Benzidine	20.138	184	13038	2.231	ng	# 90
80) Butylbenzylphthalate	20.826	149	197	5.180	ng	# 32
84) Bis(2-ethylhexyl)phtha...	21.707	149	1520	4.349	ng	# 90

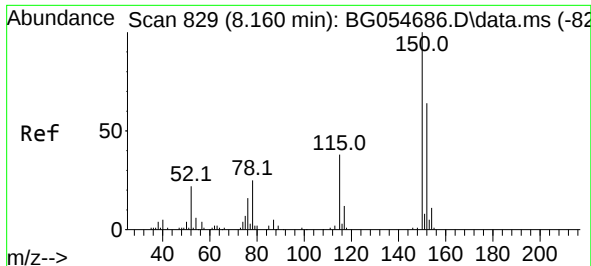
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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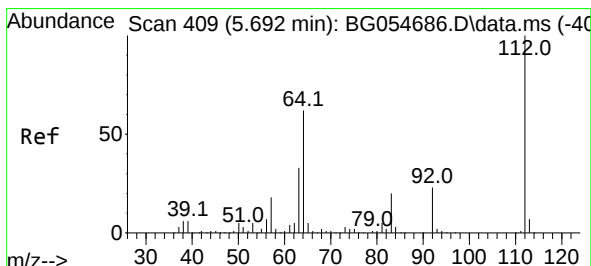
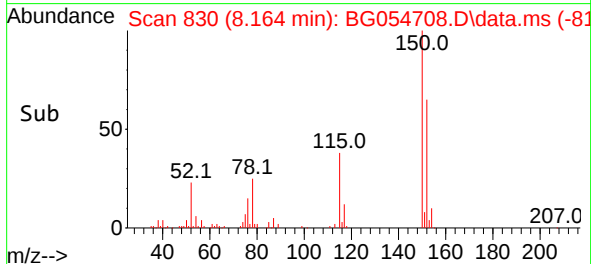
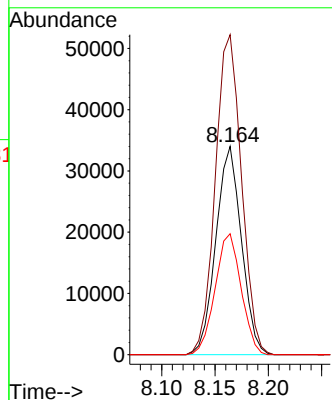
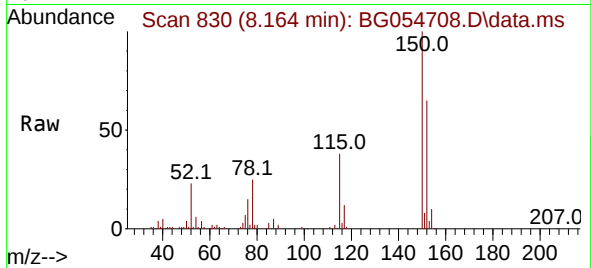




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

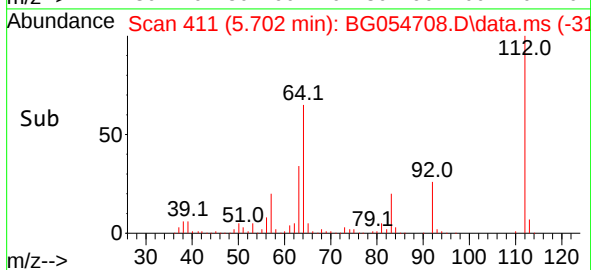
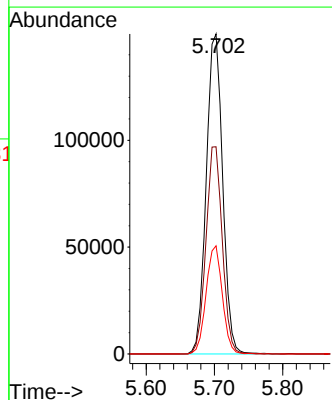
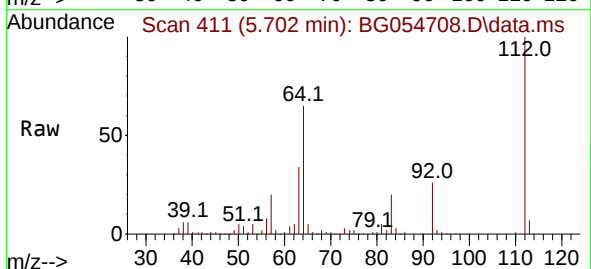
Instrument :
BNA_G
ClientSampleId :
081922A

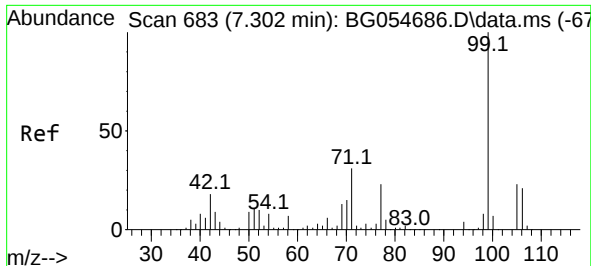
Tgt Ion:152 Resp: 56688
Ion Ratio Lower Upper
152 100
150 153.6 125.2 187.8
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 83.201 ng
RT: 5.702 min Scan# 411
Delta R.T. 0.010 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:112 Resp: 250289
Ion Ratio Lower Upper
112 100
64 64.7 49.3 73.9
63 33.8 26.3 39.5

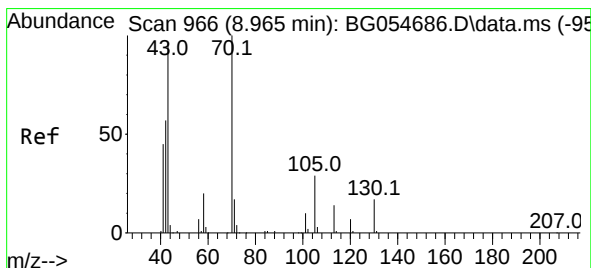
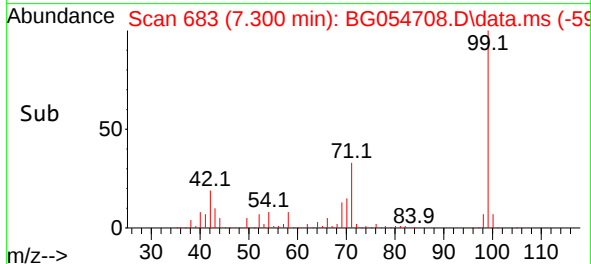
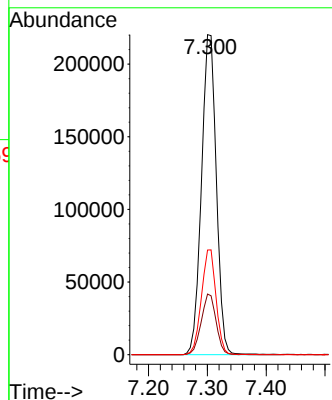
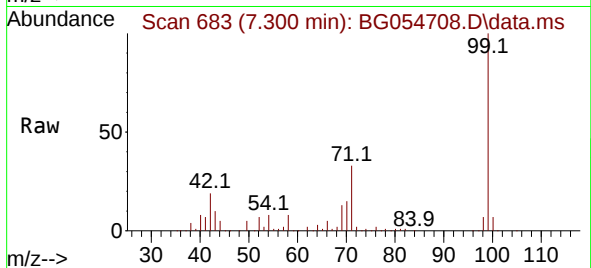




#7
Phenol-d6
Concen: 91.480 ng
RT: 7.300 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

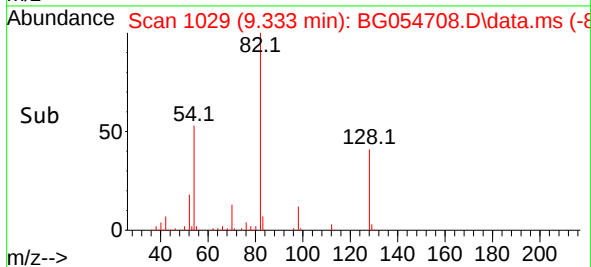
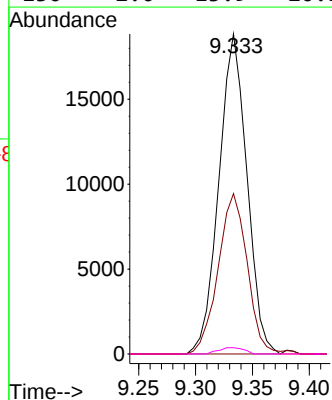
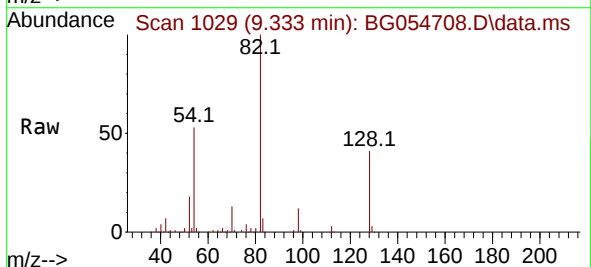
Instrument :
BNA_G
ClientSampleId :
081922A

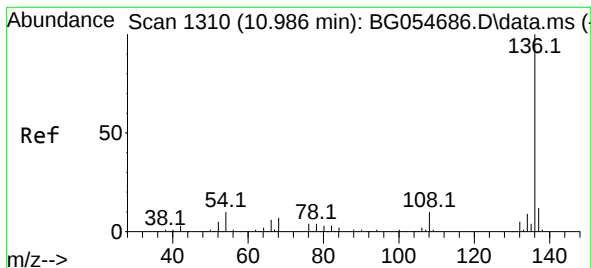
Tgt Ion: 99 Resp: 385601
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 32.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.881 ng
RT: 9.333 min Scan# 1029
Delta R.T. 0.369 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion: 70 Resp: 32271
Ion Ratio Lower Upper
70 100
42 50.1 46.6 69.8
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#

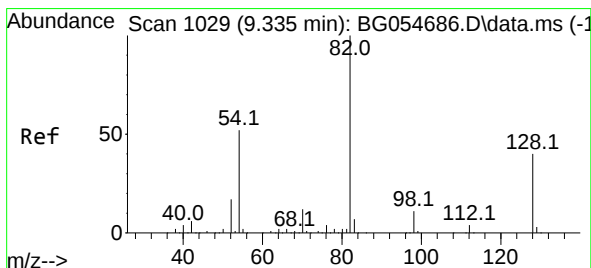
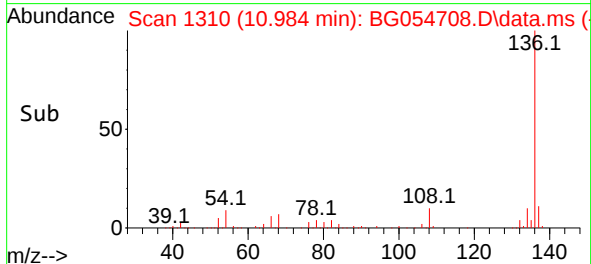
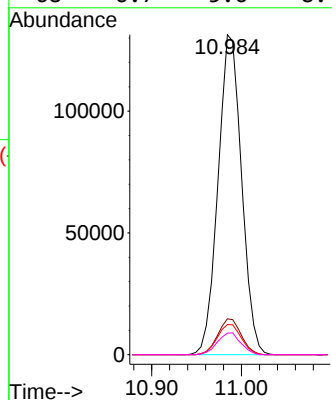
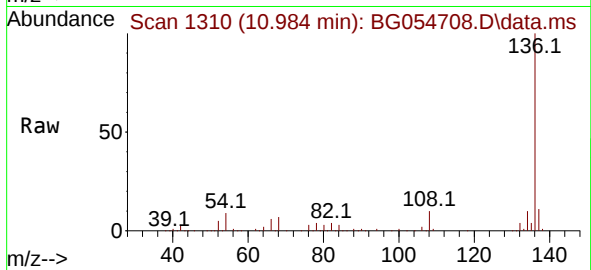




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

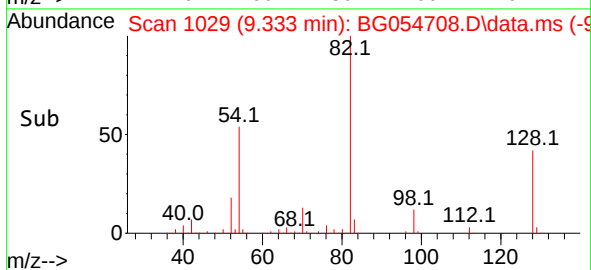
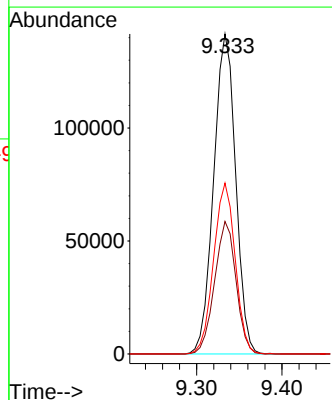
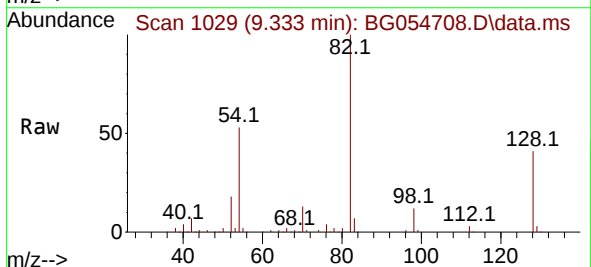
Instrument :
BNA_G
ClientSampleId :
081922A

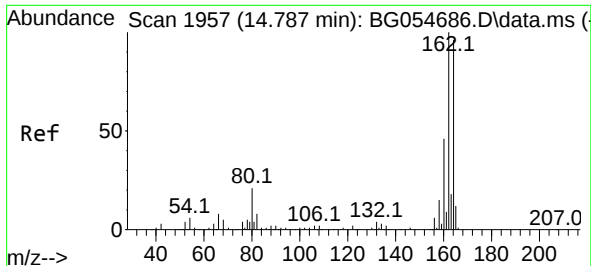
Tgt Ion:	136	Resp:	239012
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.4	7.7	11.5
68	6.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 60.391 ng
RT: 9.333 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:	82	Resp:	253281
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.2	48.2
54	53.4	41.4	62.0

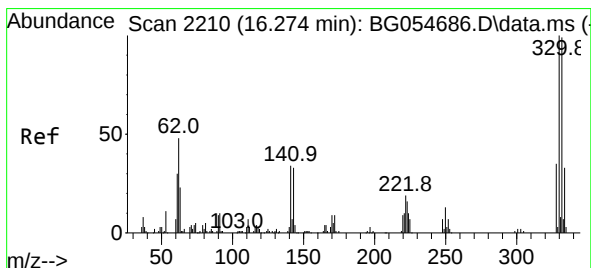
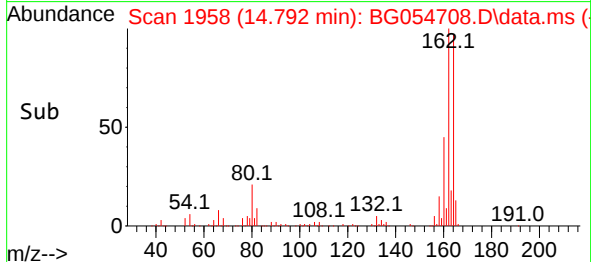
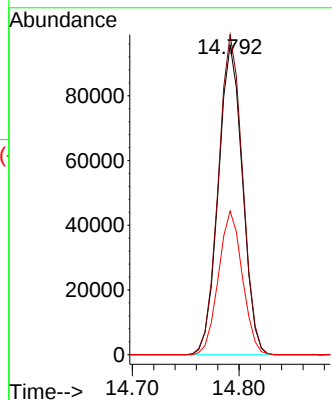
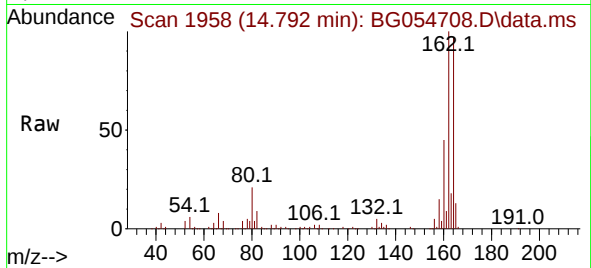




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

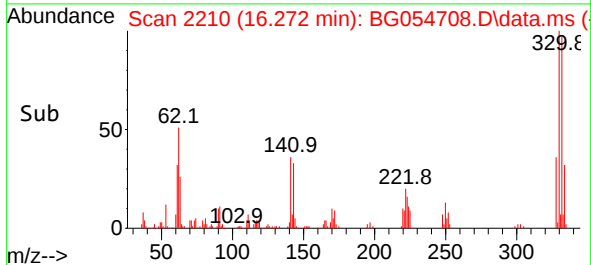
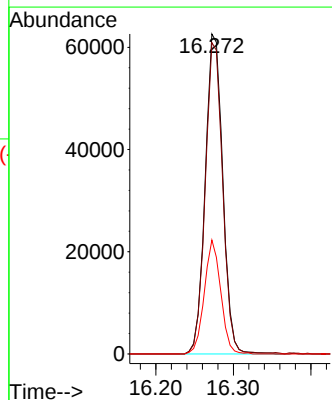
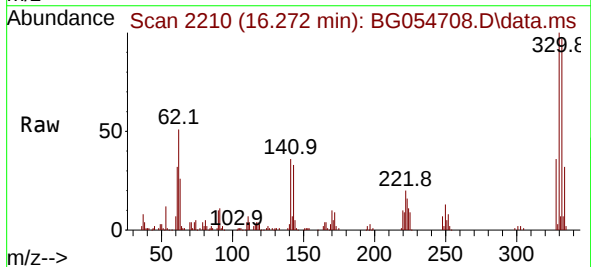
Instrument :
BNA_G
ClientSampleId :
081922A

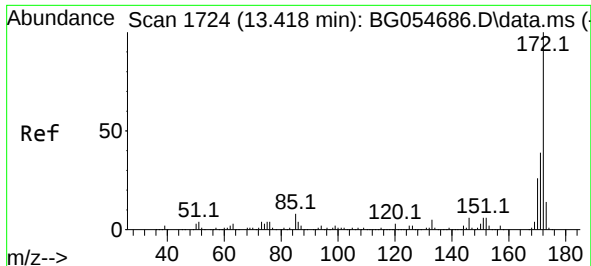
Tgt Ion:164 Resp: 149690
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.4
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 82.050 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:330 Resp: 98360
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 33.3 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 59.306 ng

RT: 13.417 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG054708.D

Acq: 23 Aug 2022 15:26

Instrument :

BNA_G

ClientSampleId :

081922A

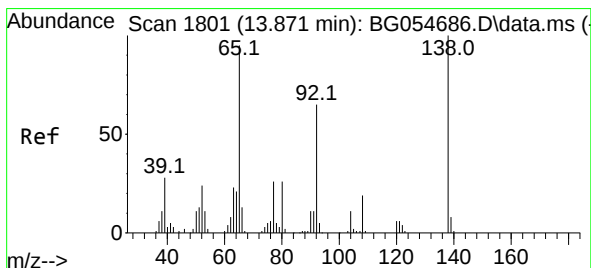
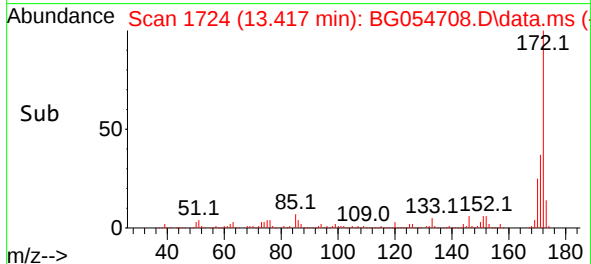
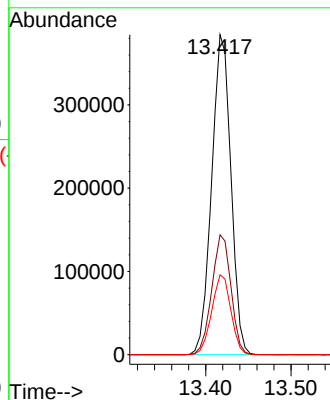
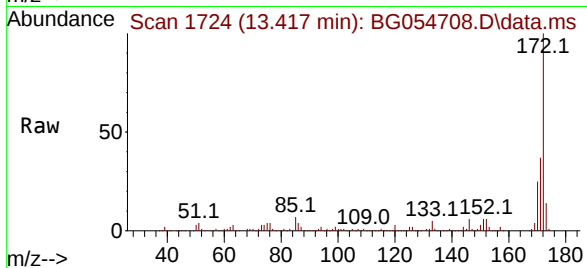
Tgt Ion:172 Resp: 601990

Ion Ratio Lower Upper

172 100

171 37.4 31.2 46.8

170 25.0 20.6 30.8



#48

2-Nitroaniline

Concen: 3.992 ng

RT: 13.423 min Scan# 1725

Delta R.T. -0.448 min

Lab File: BG054708.D

Acq: 23 Aug 2022 15:26

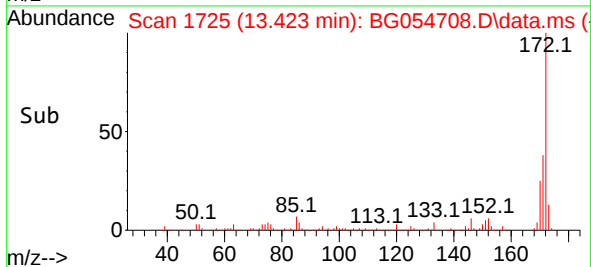
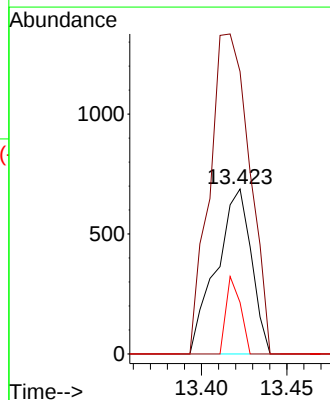
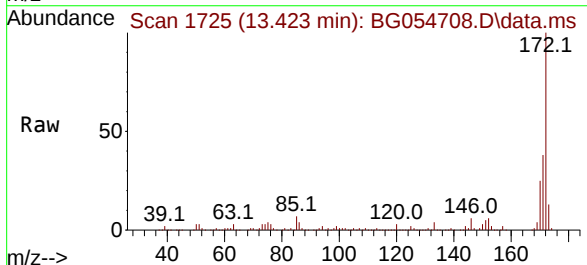
Tgt Ion: 65 Resp: 978

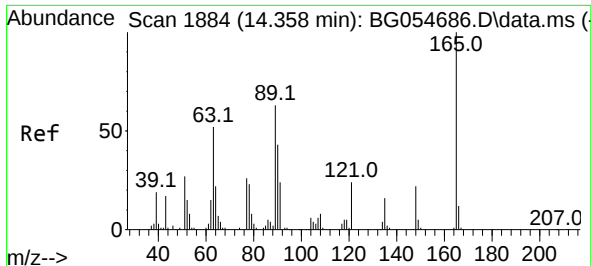
Ion Ratio Lower Upper

65 100

92 171.1 54.7 82.1#

138 31.3 84.1 126.1#

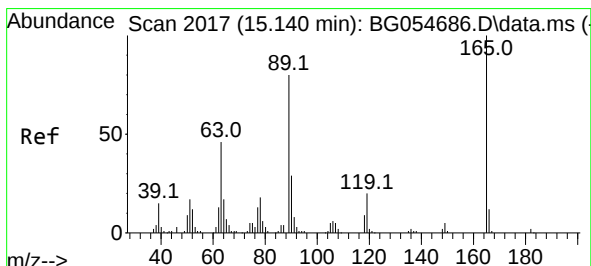
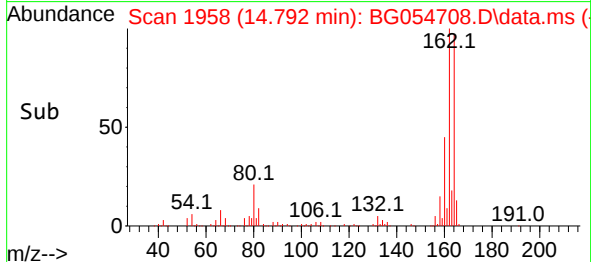
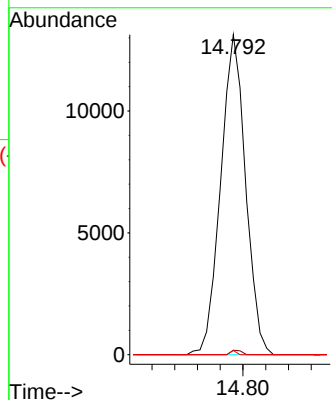
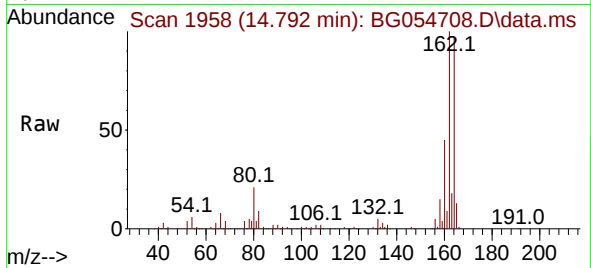




#51
2,6-Dinitrotoluene
Concen: 10.887 ng
RT: 14.792 min Scan# 1958
Delta R.T. 0.434 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

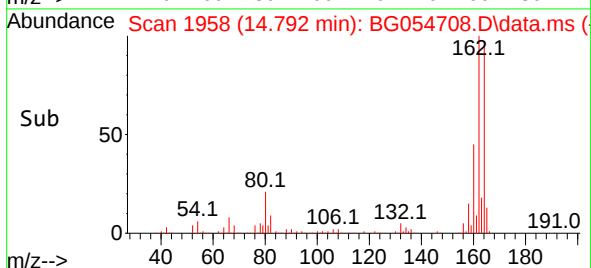
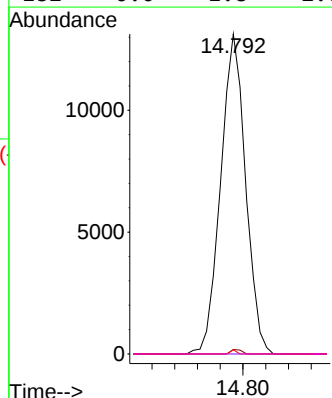
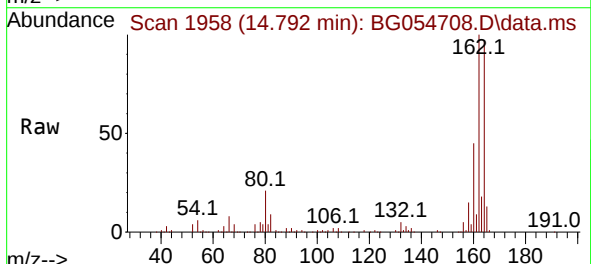
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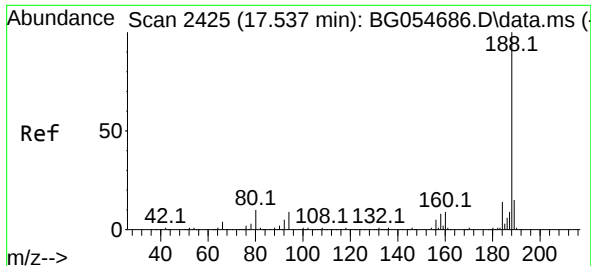
Tgt Ion:165 Resp: 19959
Ion Ratio Lower Upper
165 100
63 1.4 46.0 69.0#
89 1.3 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.930 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.348 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:165 Resp: 19959
Ion Ratio Lower Upper
165 100
63 1.4 36.8 55.2#
89 1.3 64.3 96.5#
182 0.0 1.8 2.6#

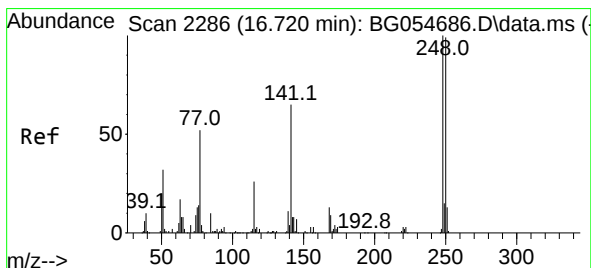
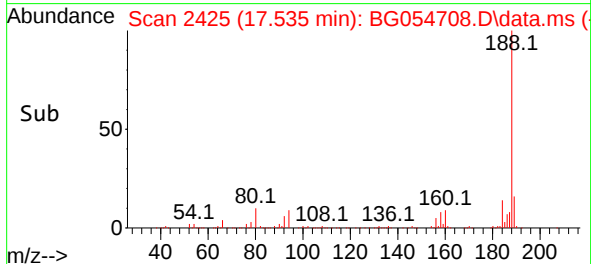
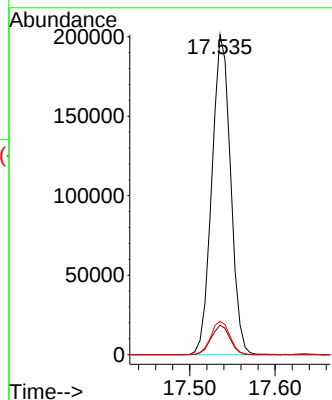
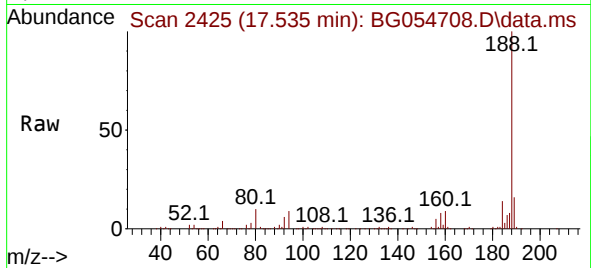




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2425
Delta R.T. -0.002 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

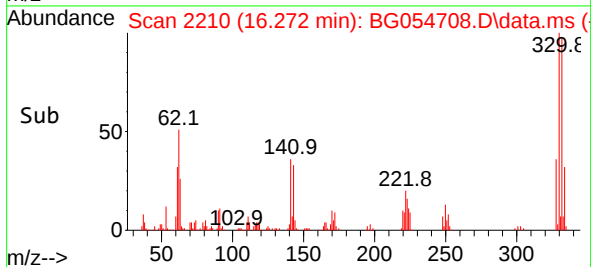
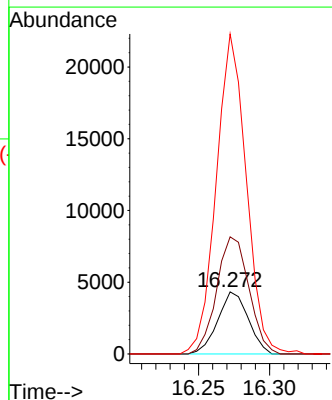
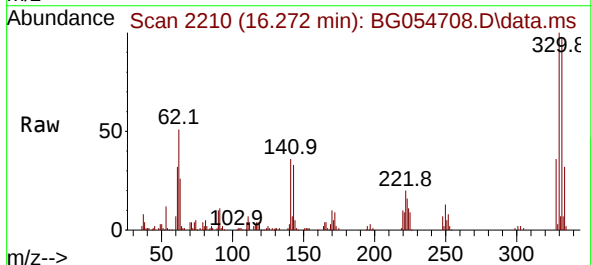
Instrument :
BNA_G
ClientSampleId :
081922A

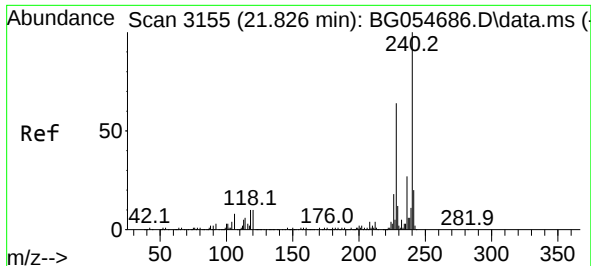
Tgt Ion:188 Resp: 306723
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.183 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.448 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:248 Resp: 6445
Ion Ratio Lower Upper
248 100
250 188.9 78.8 118.2#
141 516.1 51.9 77.9#

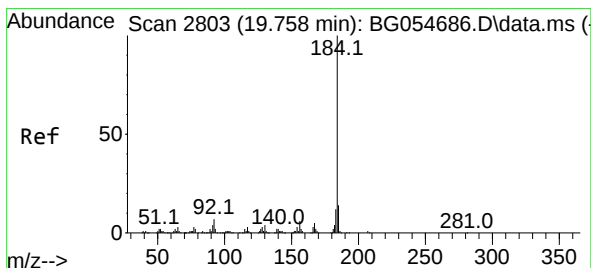
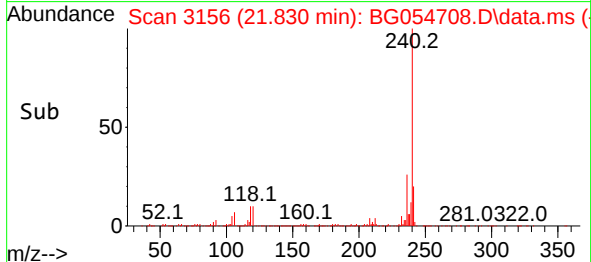
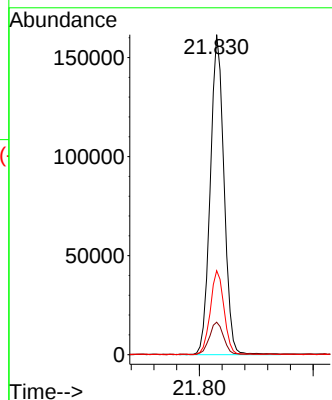
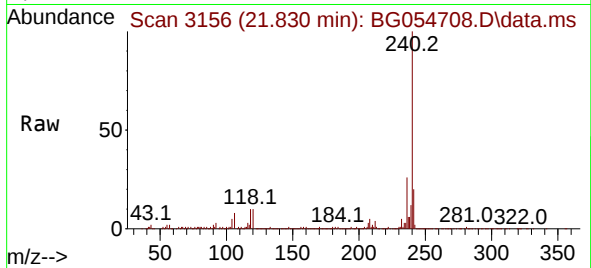




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

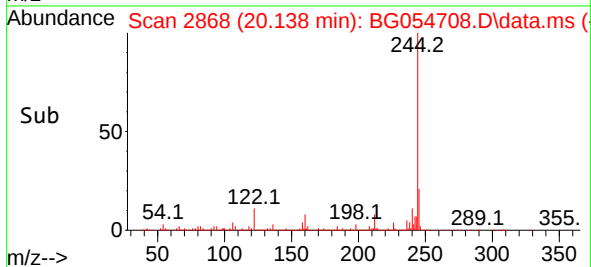
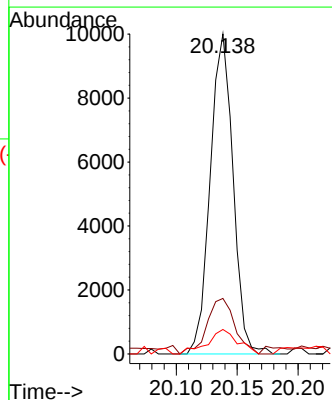
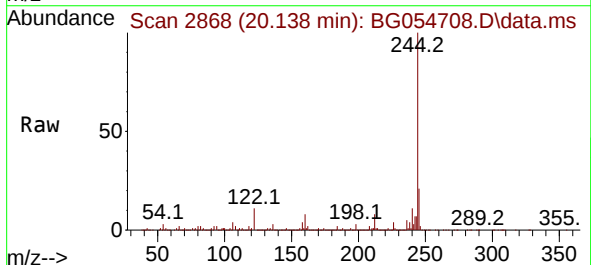
Instrument :
BNA_G
ClientSampleId :
081922A

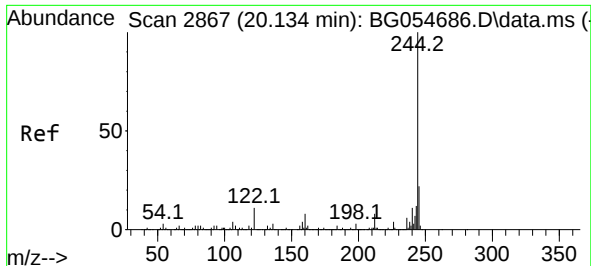
Tgt Ion:240 Resp: 269202
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.3 21.2 31.8



#77
Benzidine
Concen: 2.231 ng
RT: 20.138 min Scan# 2868
Delta R.T. 0.380 min
Lab File: BG054708.D
Acq: 23 Aug 2022 15:26

Tgt Ion:184 Resp: 13038
Ion Ratio Lower Upper
184 100
185 17.4 11.4 17.0#
183 7.6 9.8 14.8#

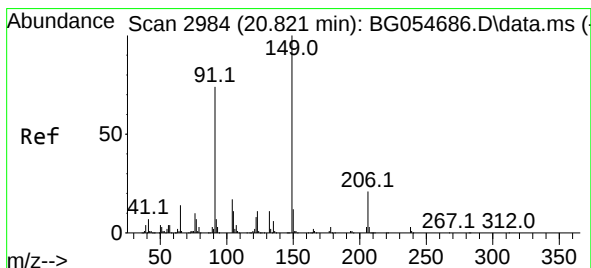
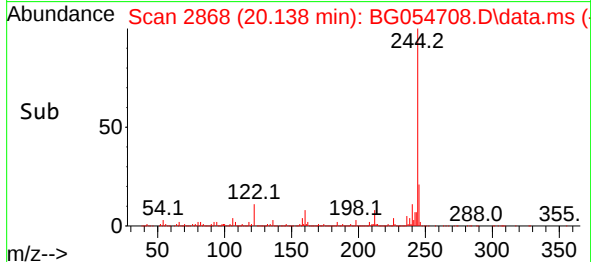
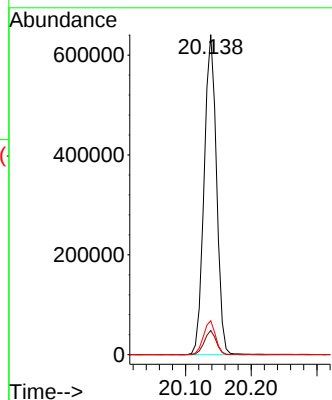
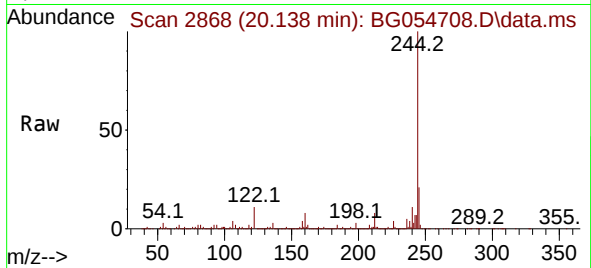




#79
 Terphenyl-d14
 Concen: 62.257 ng
 RT: 20.138 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG054708.D
 Acq: 23 Aug 2022 15:26

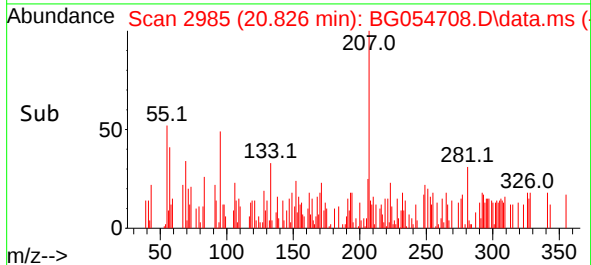
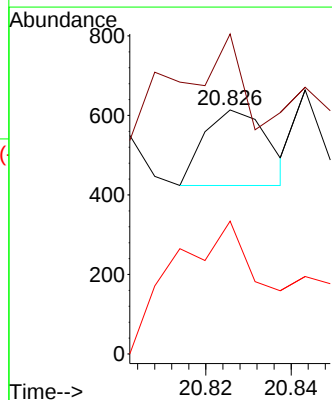
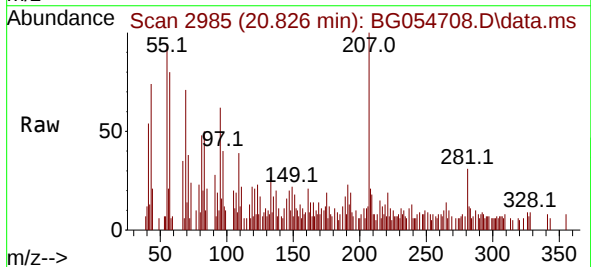
Instrument :
 BNA_G
 ClientSampleId :
 081922A

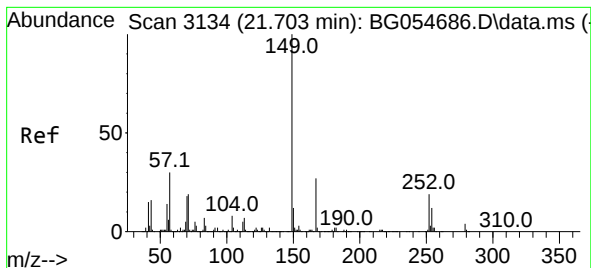
Tgt Ion:244 Resp: 843691
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 5.180 ng
 RT: 20.826 min Scan# 2985
 Delta R.T. 0.005 min
 Lab File: BG054708.D
 Acq: 23 Aug 2022 15:26

Tgt Ion:149 Resp: 197
 Ion Ratio Lower Upper
 149 100
 91 131.1 59.5 89.3#
 206 54.4 16.6 25.0#

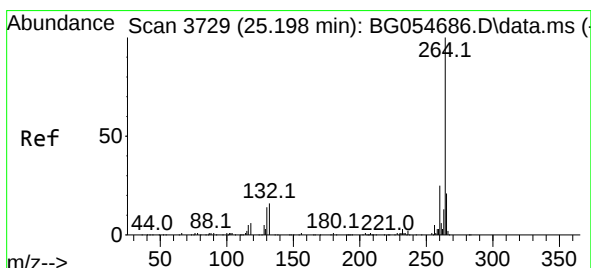
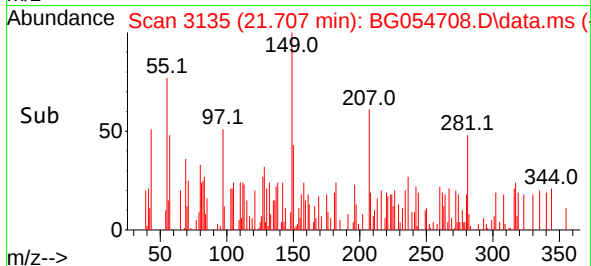
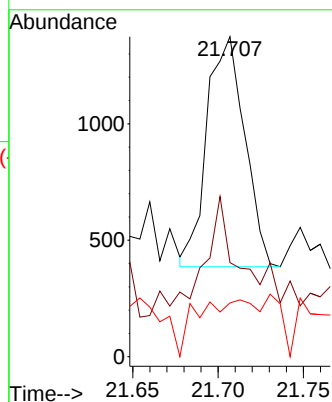
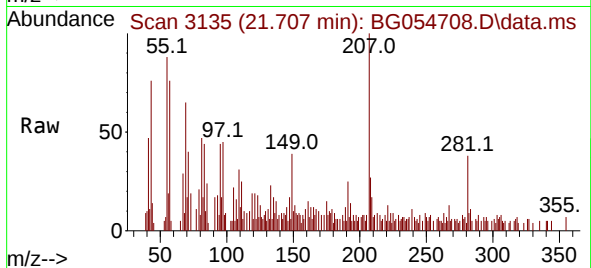




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.349 ng
 RT: 21.707 min Scan# 3134
 Delta R.T. 0.004 min
 Lab File: BG054708.D
 Acq: 23 Aug 2022 15:26

Instrument :
 BNA_G
 ClientSampleId :
 081922A

Tgt Ion:149 Resp: 1520
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.4 32.0
 279 16.8 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.209 min Scan# 3731
 Delta R.T. 0.010 min
 Lab File: BG054708.D
 Acq: 23 Aug 2022 15:26

Tgt Ion:264 Resp: 284588
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 22.6 16.9 25.3

