

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054695.D
 Acq On : 23 Aug 2022 00:27
 Operator : CG/JU
 Sample : PB147112BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147112BL

Quant Time: Aug 23 05:22:56 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)

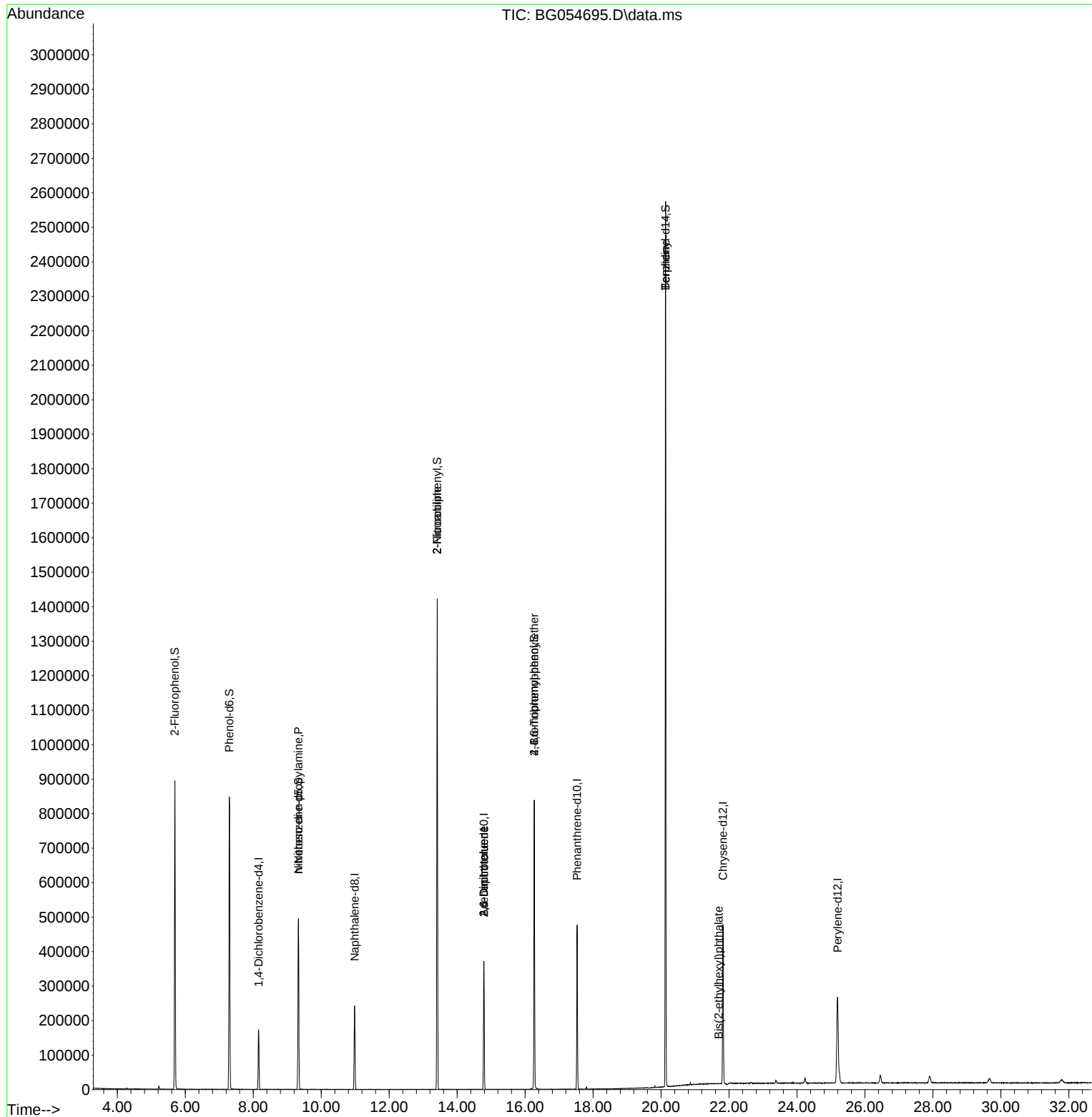
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	51355	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	210633	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	132746	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	303447	20.000	ng	0.00
76) Chrysene-d12	21.821	240	291177	20.000	ng	0.00
86) Perylene-d12	25.194	264	288437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	399145	146.462	ng	0.00
7) Phenol-d6	7.297	99	519874	136.142	ng	0.00
23) Nitrobenzene-d5	9.330	82	303619	82.147	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	161941	152.331	ng	0.00
45) 2-Fluorobiphenyl	13.413	172	732031	81.323	ng	0.00
79) Terphenyl-d14	20.135	244	1241557	84.702	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.330	70	36846	13.714	ng	# 84
48) 2-Nitroaniline	13.413	65	1198	4.153	ng	# 1
51) 2,6-Dinitrotoluene	14.788	165	17420	10.715	ng	# 20
57) 2,4-Dinitrotoluene	14.788	165	17420	10.825	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	10404	3.562	ng	# 1
77) Benzidine	20.135	184	19385	3.066	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.698	149	261	4.226	ng	# 53

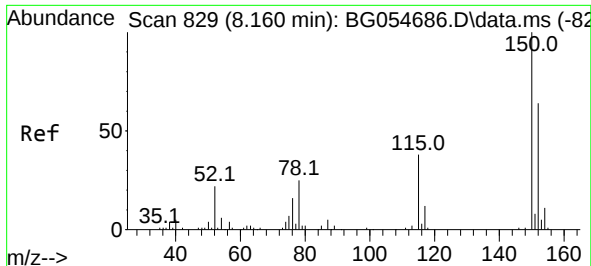
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
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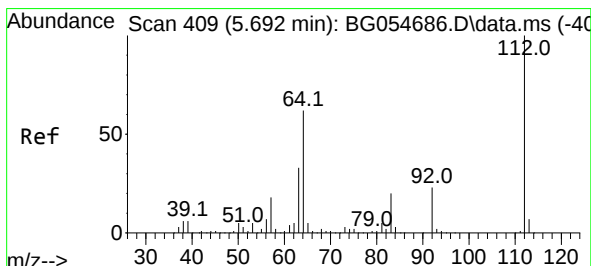
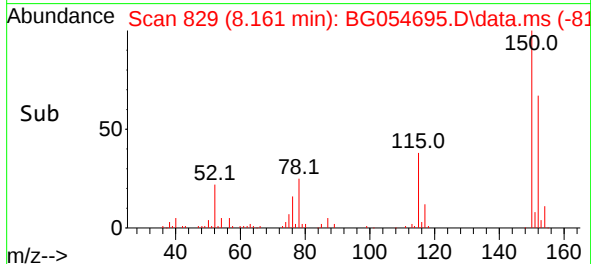
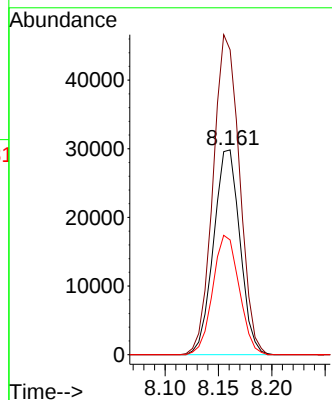
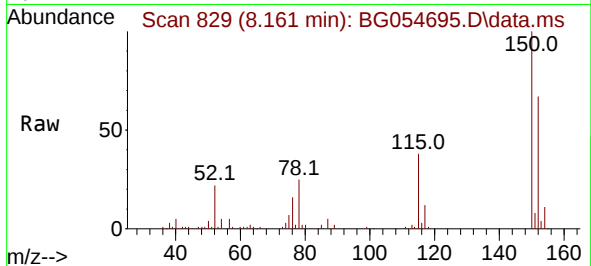




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

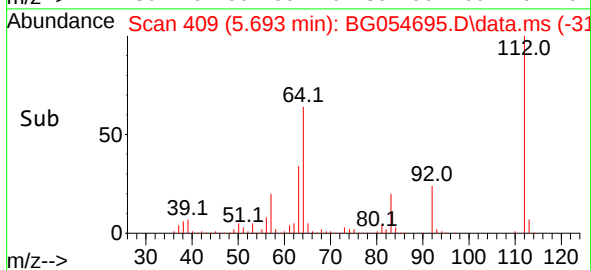
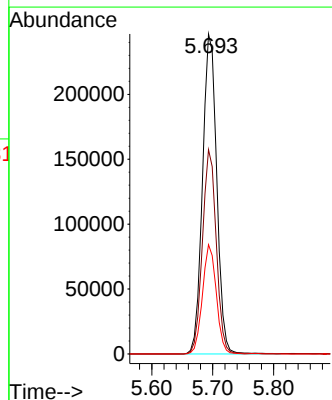
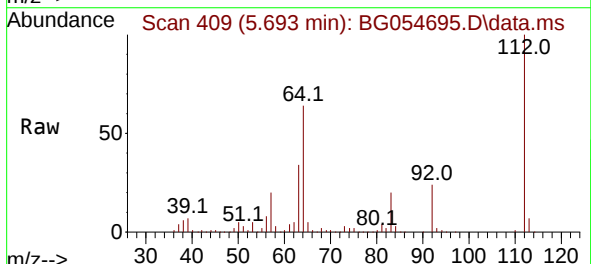
Instrument :
BNA_G
ClientSampleId :
PB147112BL

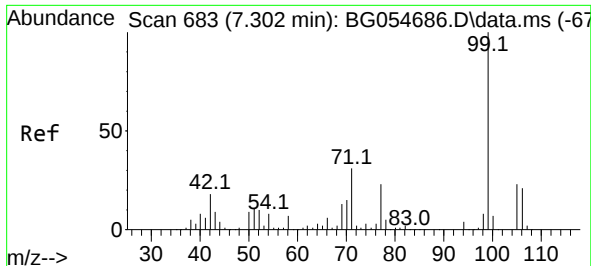
Tgt Ion:152 Resp: 51355
Ion Ratio Lower Upper
152 100
150 148.8 125.2 187.8
115 56.0 47.9 71.9



#5
2-Fluorophenol
Concen: 146.462 ng
RT: 5.693 min Scan# 409
Delta R.T. 0.001 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion:112 Resp: 399145
Ion Ratio Lower Upper
112 100
64 63.8 49.3 73.9
63 34.2 26.3 39.5

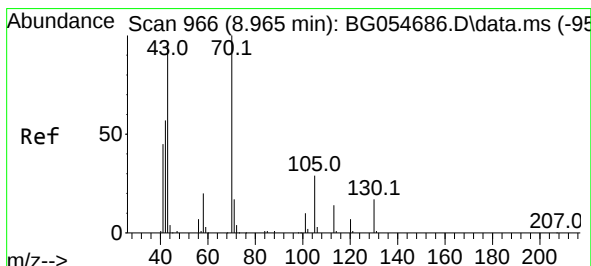
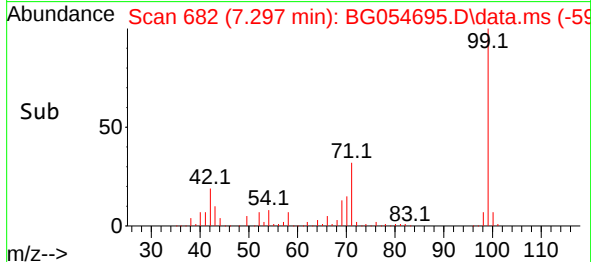
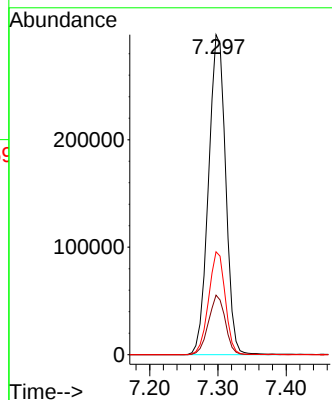
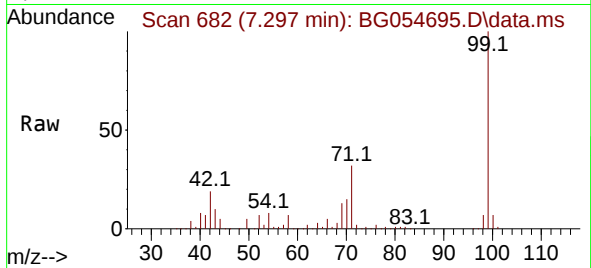




#7
Phenol-d6
Concen: 136.142 ng
RT: 7.297 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

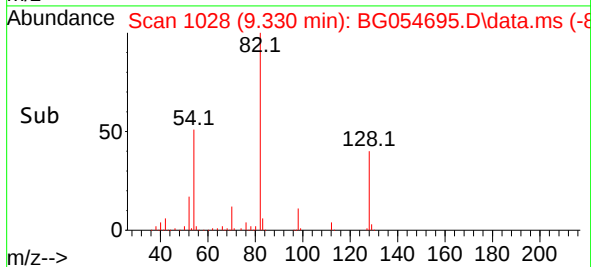
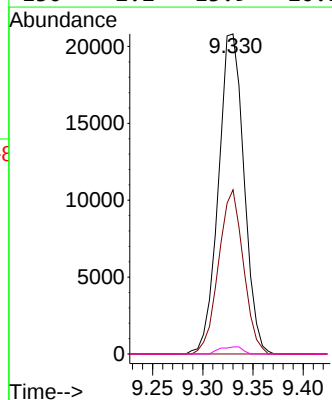
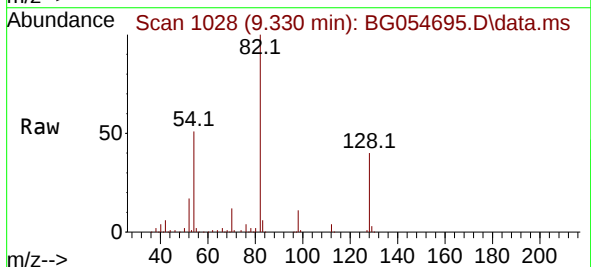
Instrument :
BNA_G
ClientSampleId :
PB147112BL

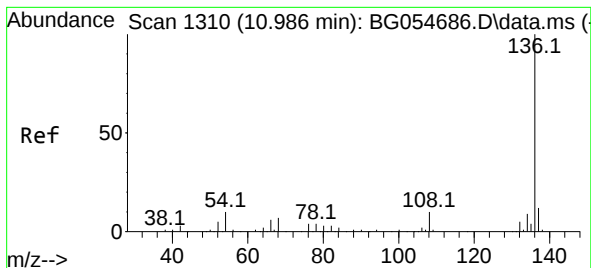
Tgt Ion: 99 Resp: 519874
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 32.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.714 ng
RT: 9.330 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion: 70 Resp: 36846
Ion Ratio Lower Upper
70 100
42 51.3 46.6 69.8
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#

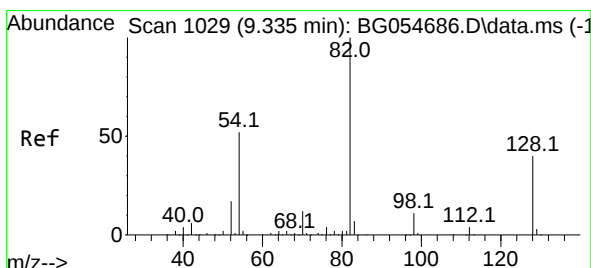
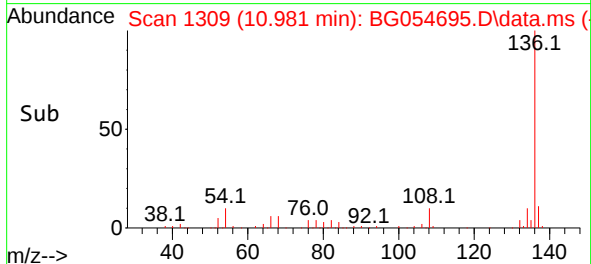
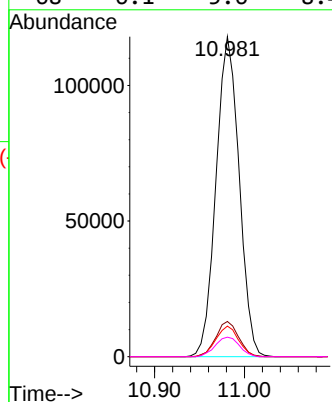
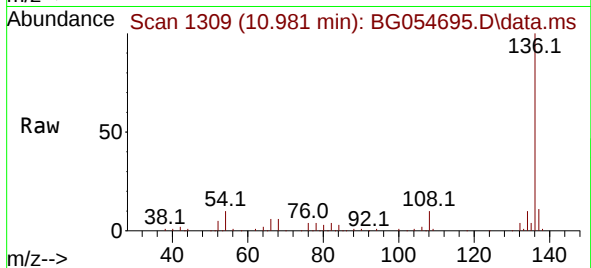




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

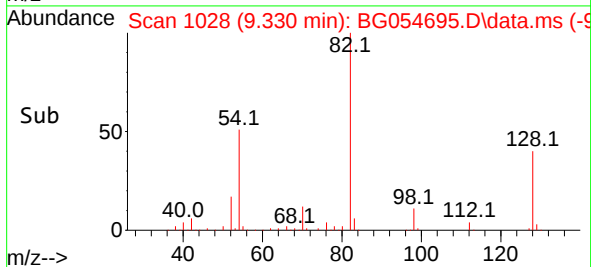
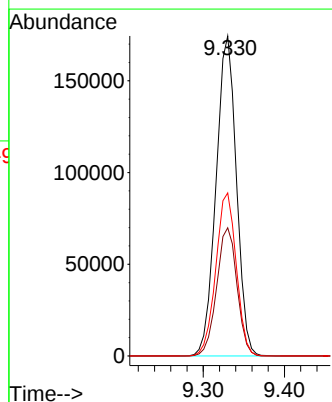
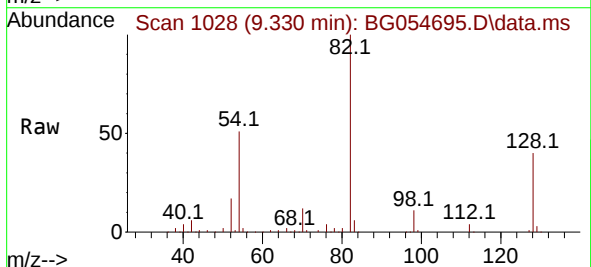
Instrument :
BNA_G
ClientSampleId :
PB147112BL

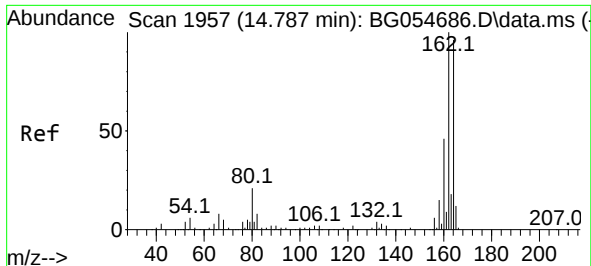
Tgt Ion:	136	Resp:	210633
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	9.6	7.7	11.5
68	6.1	5.6	8.4



#23
Nitrobenzene-d5
Concen: 82.147 ng
RT: 9.330 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion:	82	Resp:	303619
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.2	48.2
54	50.9	41.4	62.0

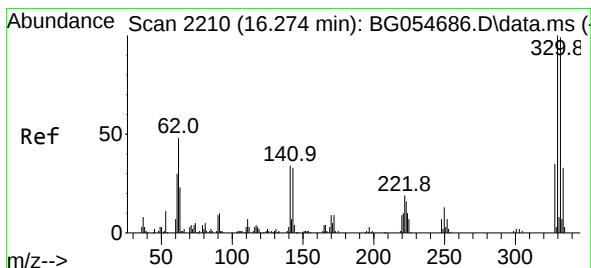
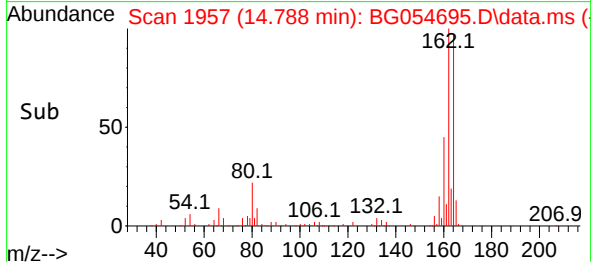
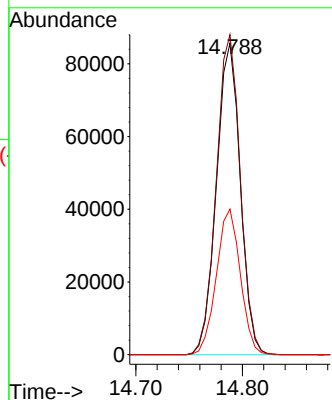
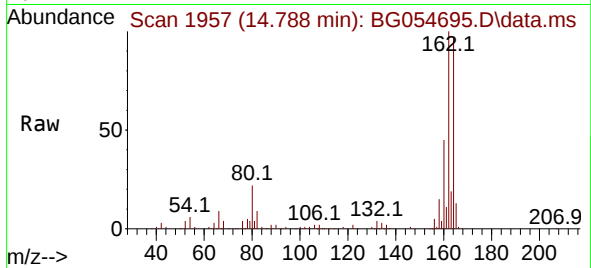




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

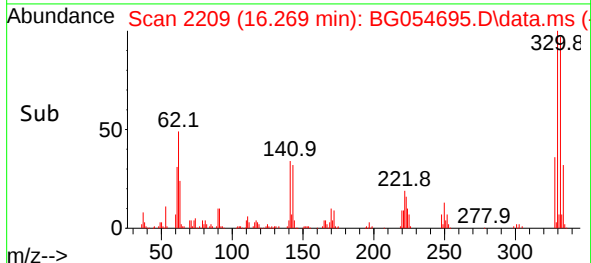
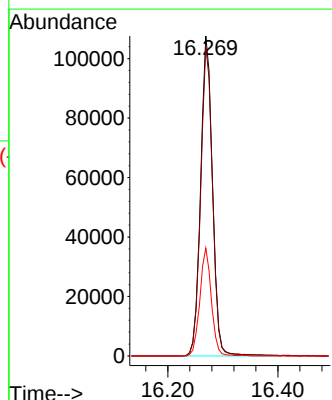
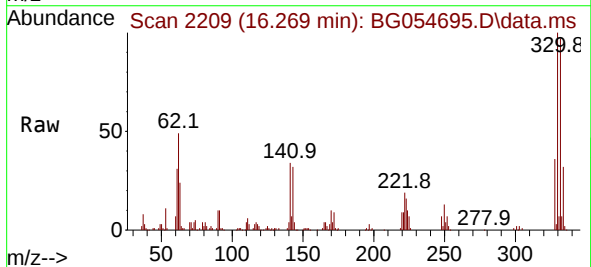
Instrument :
BNA_G
ClientSampleId :
PB147112BL

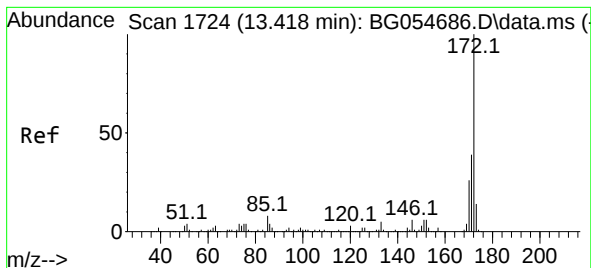
Tgt Ion:164 Resp: 132746
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 152.331 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion:330 Resp: 161941
Ion Ratio Lower Upper
330 100
332 96.6 79.8 119.6
141 32.5 26.8 40.2

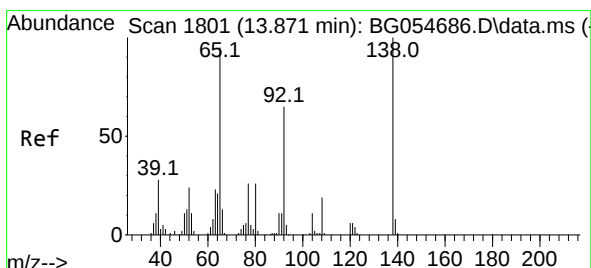
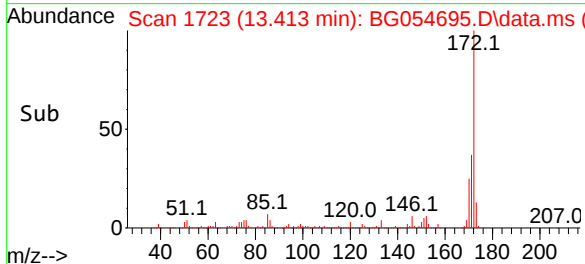
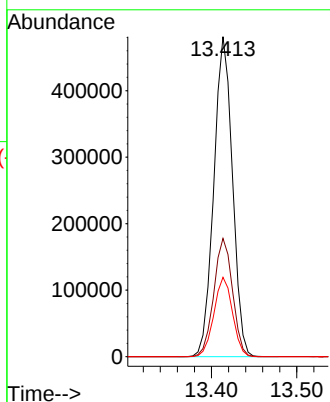
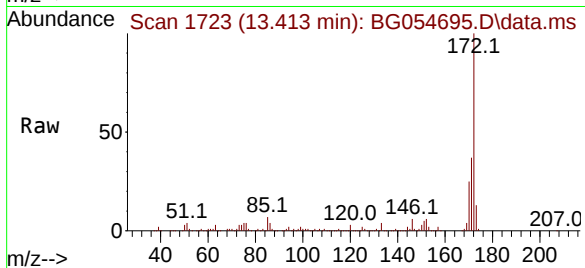




#45
2-Fluorobiphenyl
Concen: 81.323 ng
RT: 13.413 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

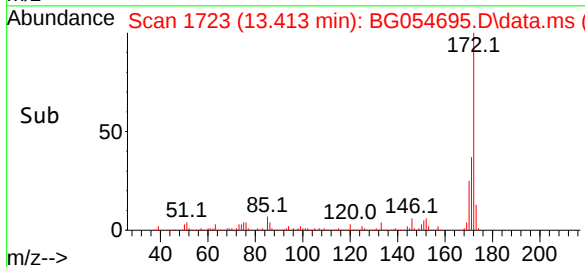
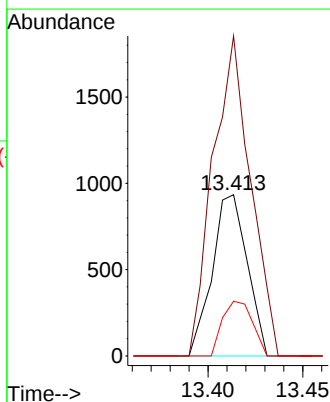
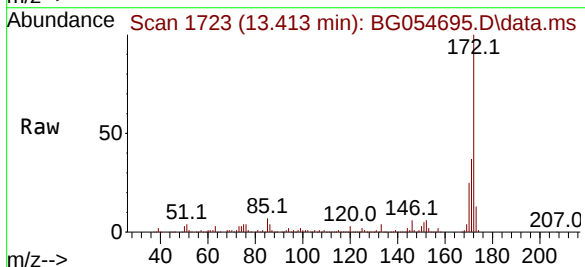
Instrument :
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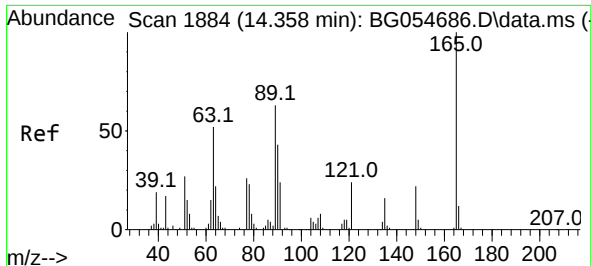
Tgt Ion:172 Resp: 732031
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.8 20.6 30.8



#48
2-Nitroaniline
Concen: 4.153 ng
RT: 13.413 min Scan# 1723
Delta R.T. -0.458 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion: 65 Resp: 1198
Ion Ratio Lower Upper
65 100
92 198.5 54.7 82.1#
138 33.9 84.1 126.1#

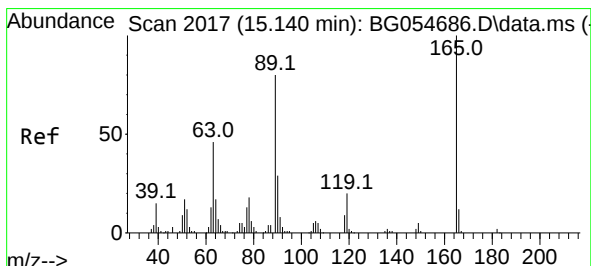
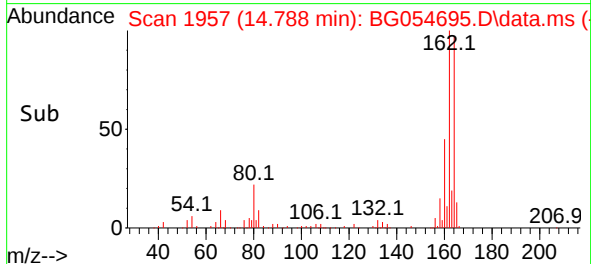
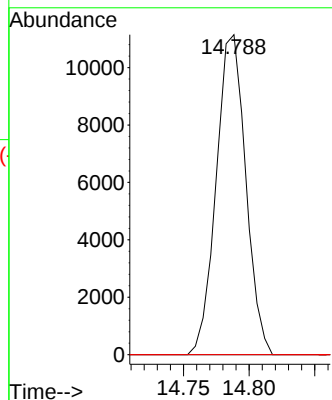
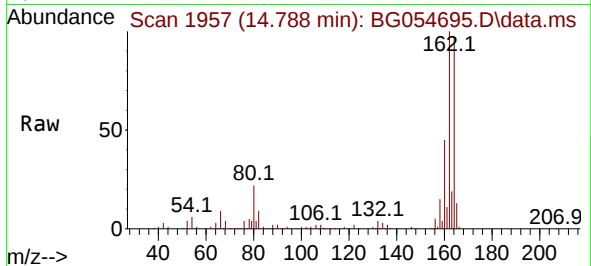




#51
2,6-Dinitrotoluene
Concen: 10.715 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.430 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

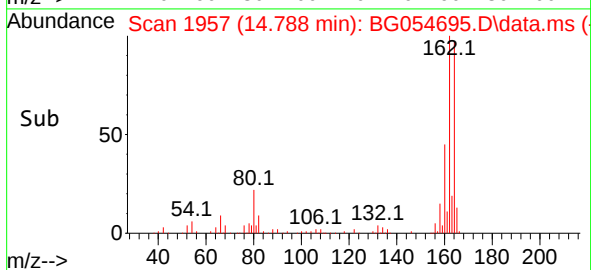
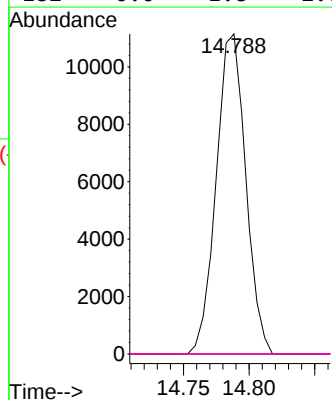
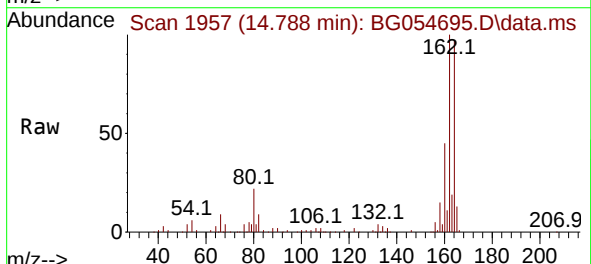
Instrument :
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ClientSampleId :
PB147112BL

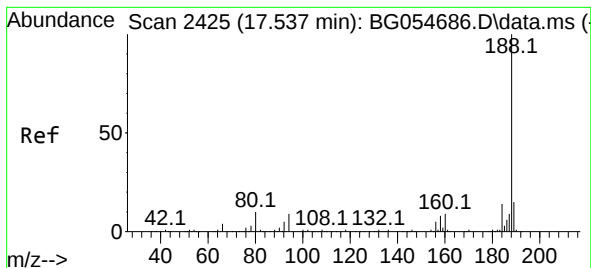
Tgt Ion:165 Resp: 17420
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.825 ng
RT: 14.788 min Scan# 1957
Delta R.T. -0.352 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion:165 Resp: 17420
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.532 min Scan# 2425

Delta R.T. -0.005 min

Lab File: BG054695.D

Acq: 23 Aug 2022 00:27

Instrument :

BNA_G

ClientSampleId :

PB147112BL

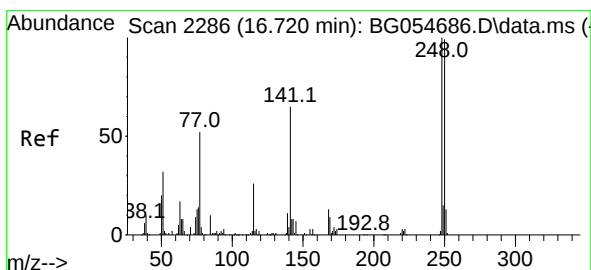
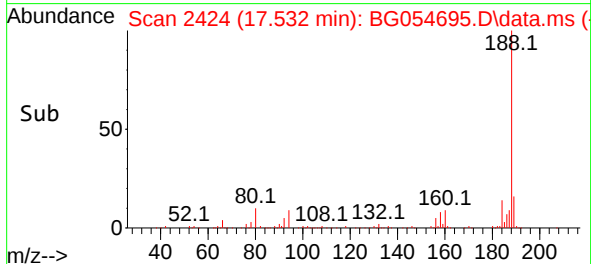
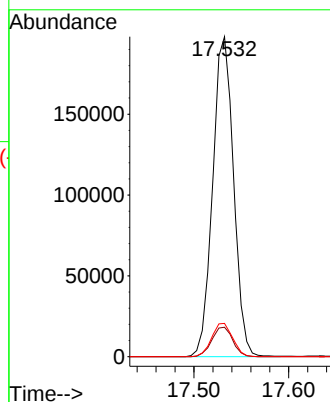
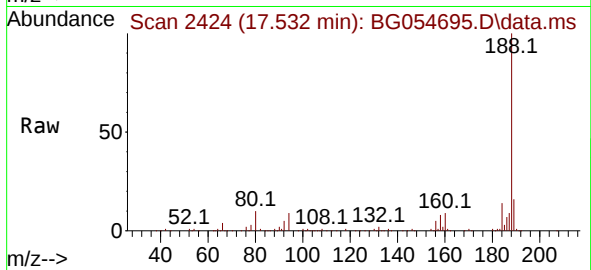
Tgt Ion:188 Resp: 303447

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: 3.562 ng

RT: 16.269 min Scan# 2209

Delta R.T. -0.451 min

Lab File: BG054695.D

Acq: 23 Aug 2022 00:27

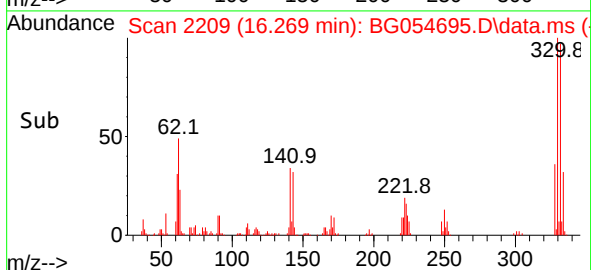
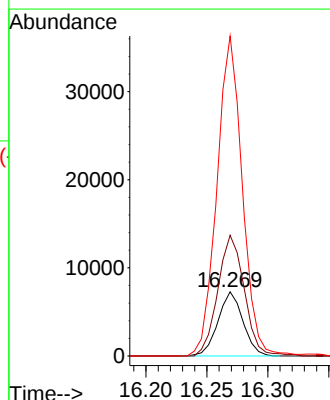
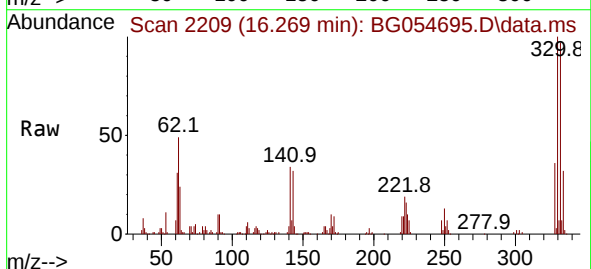
Tgt Ion:248 Resp: 10404

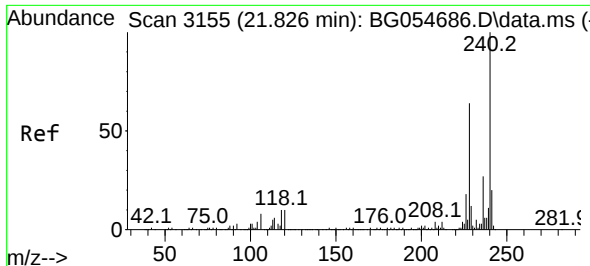
Ion Ratio Lower Upper

248 100

250 187.9 78.8 118.2#

141 498.7 51.9 77.9#

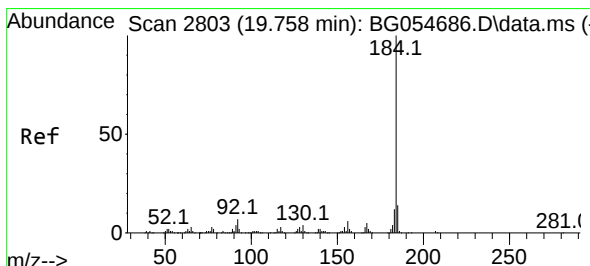
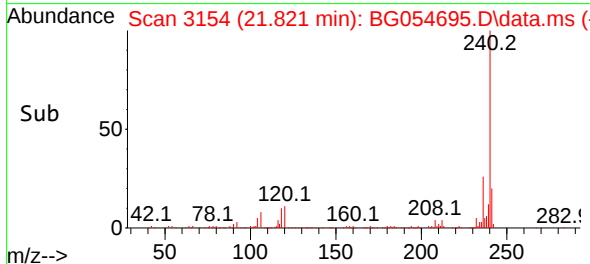
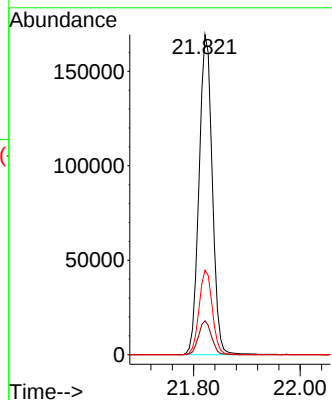
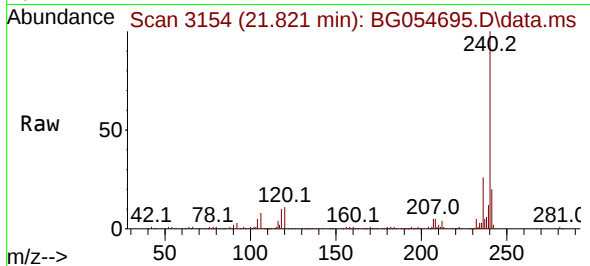




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

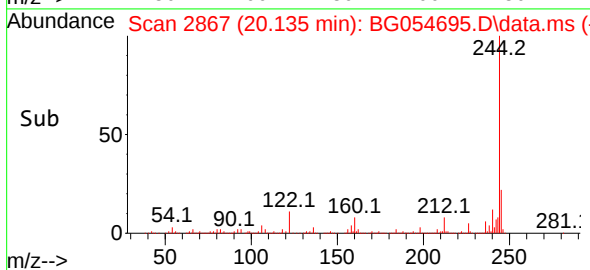
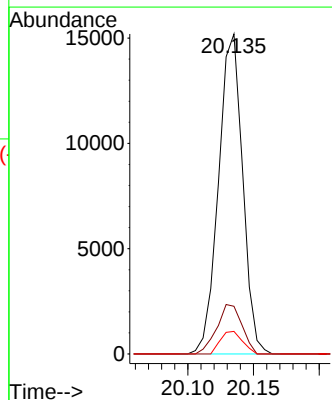
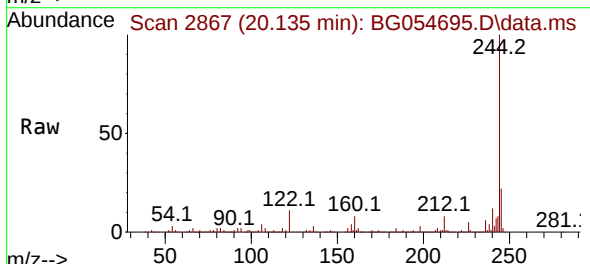
Instrument :
BNA_G
ClientSampleId :
PB147112BL

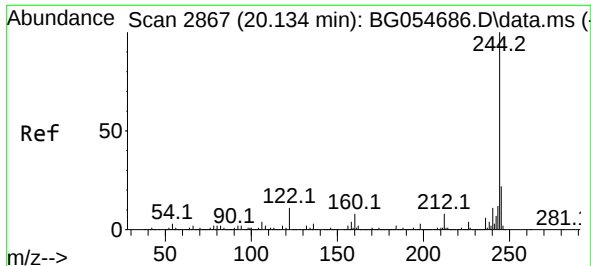
Tgt Ion:240 Resp: 291177
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.4
236 26.4 21.2 31.8



#77
Benzidine
Concen: 3.066 ng
RT: 20.135 min Scan# 2867
Delta R.T. 0.377 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Tgt Ion:184 Resp: 19385
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 7.0 9.8 14.8#

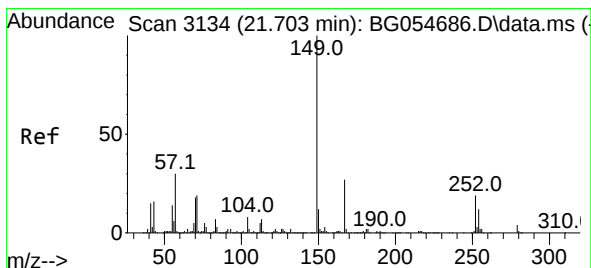
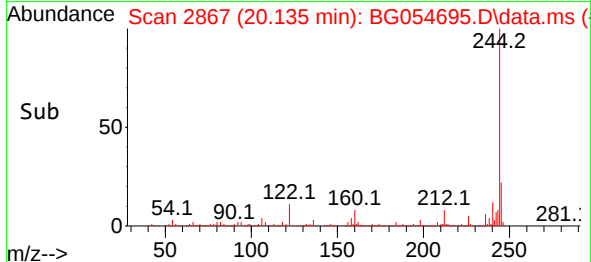
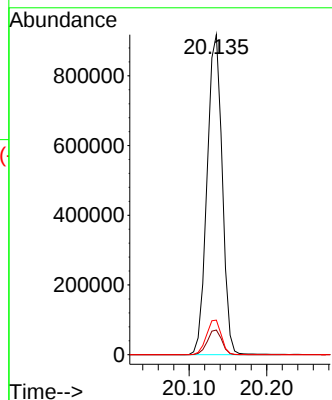
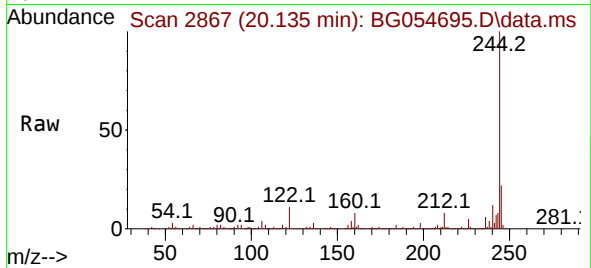




#79
 Terphenyl-d14
 Concen: 84.702 ng
 RT: 20.135 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG054695.D
 Acq: 23 Aug 2022 00:27

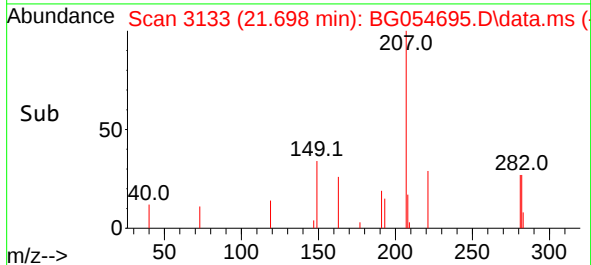
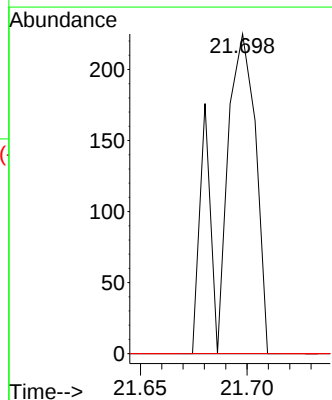
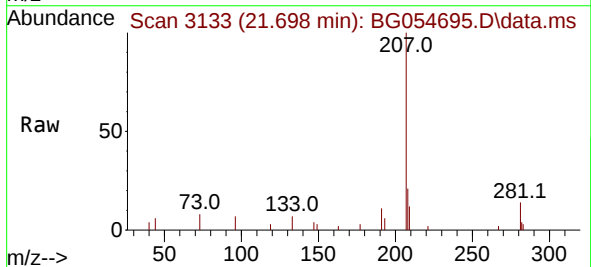
Instrument :
 BNA_G
 ClientSampleId :
 PB147112BL

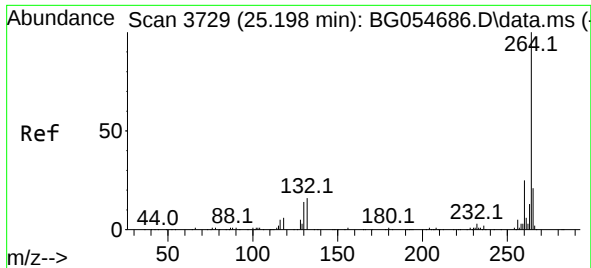
Tgt Ion:244 Resp: 1241557
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.8 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.226 ng
 RT: 21.698 min Scan# 3133
 Delta R.T. -0.005 min
 Lab File: BG054695.D
 Acq: 23 Aug 2022 00:27

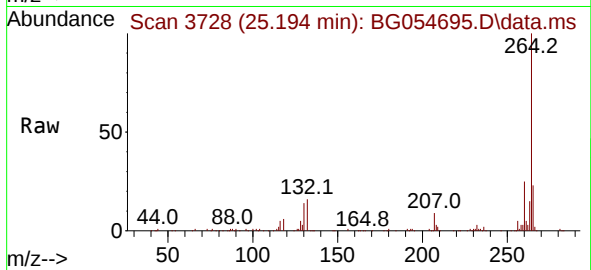
Tgt Ion:149 Resp: 261
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054695.D
Acq: 23 Aug 2022 00:27

Instrument :
BNA_G
ClientSampleId :
PB147112BL



Tgt Ion:264 Resp: 288437
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 23.1 16.9 25.3

