

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054771.D
 Acq On : 29 Aug 2022 13:52
 Operator : CG/JU
 Sample : N4355-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

Quant Time: Aug 30 02:46:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

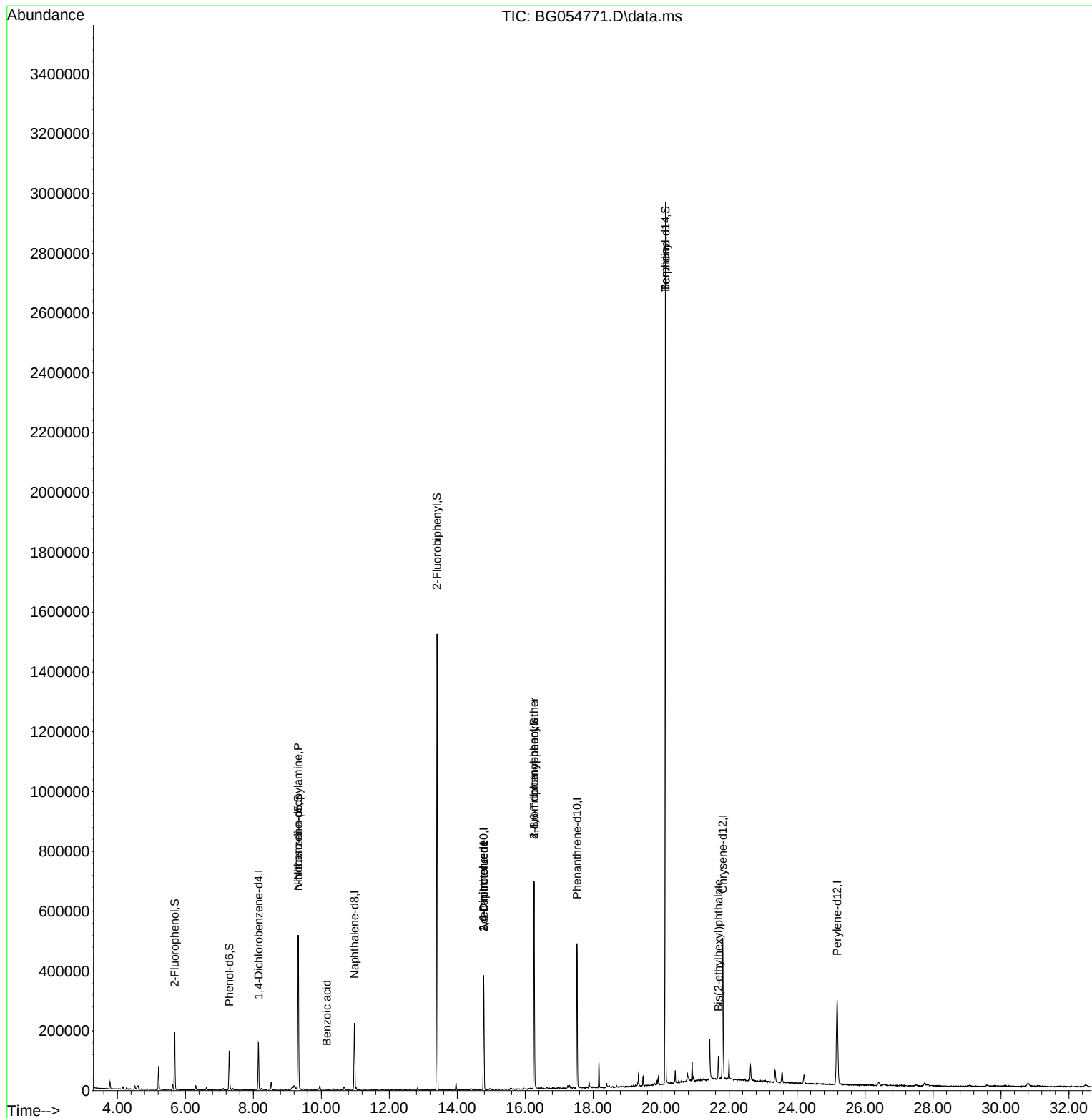
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	47668	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	195405	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	134007	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	312377	20.000	ng	0.00
76) Chrysene-d12	21.812	240	300964	20.000	ng	-0.01
86) Perylene-d12	25.179	264	318445	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	89286	32.617	ng	0.00
7) Phenol-d6	7.288	99	81848	21.863	ng	0.00
23) Nitrobenzene-d5	9.321	82	328628	88.287	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	149835	89.480	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	808050	90.630	ng	0.00
79) Terphenyl-d14	20.126	244	1411738	92.941	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	42413	16.475	ng	# 79
32) Benzoic acid	10.161	122	55	7.828	ng	# 1
51) 2,6-Dinitrotoluene	14.780	165	17498	8.286	ng	# 22
57) 2,4-Dinitrotoluene	14.780	165	17498	5.991	ng	# 19
67) 4-Bromophenyl-phenylether	16.266	248	9460	2.758	ng	# 1
77) Benzidine	20.126	184	22374	3.001	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.683	149	32037	2.540	ng	99

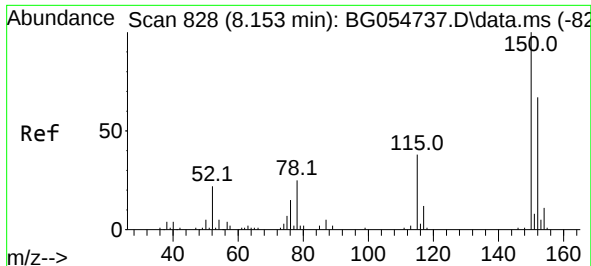
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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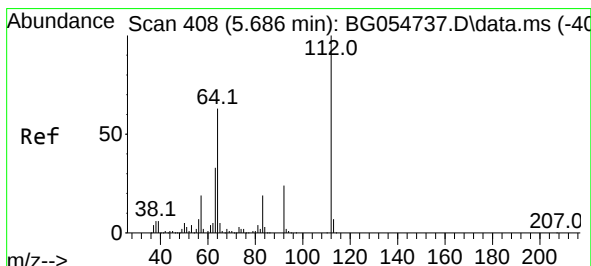
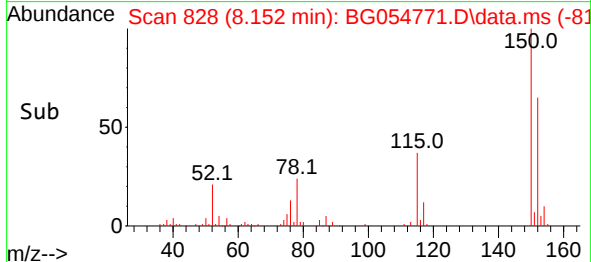
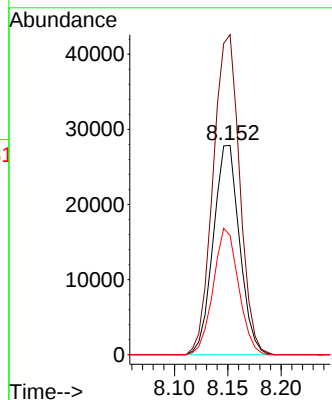
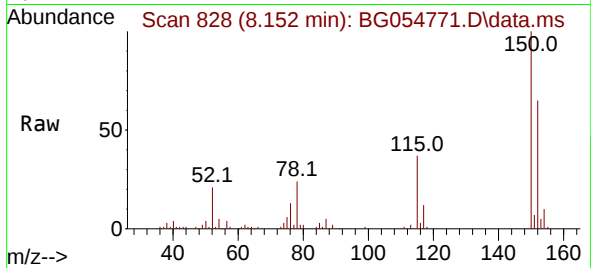




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

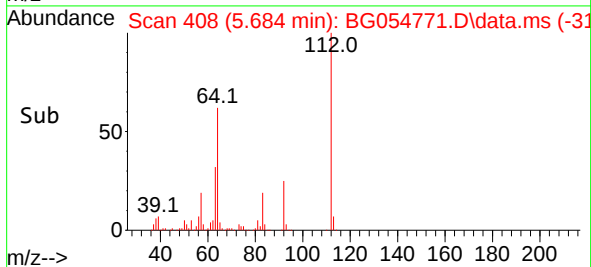
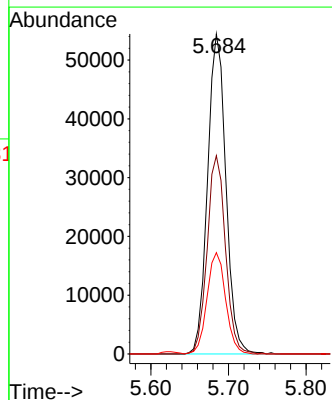
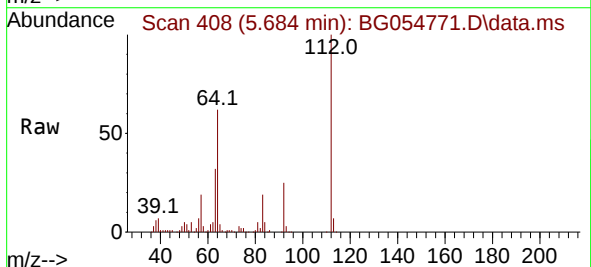
Instrument :
BNA_G
ClientSampleId :
MW-35

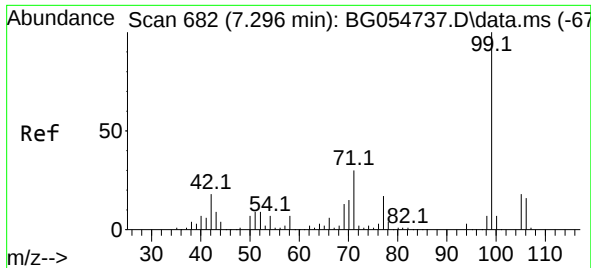
Tgt Ion:152 Resp: 47668
Ion Ratio Lower Upper
152 100
150 152.9 125.2 187.8
115 56.9 47.9 71.9



#5
2-Fluorophenol
Concen: 32.617 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

Tgt Ion:112 Resp: 89286
Ion Ratio Lower Upper
112 100
64 61.9 49.3 73.9
63 31.7 26.3 39.5

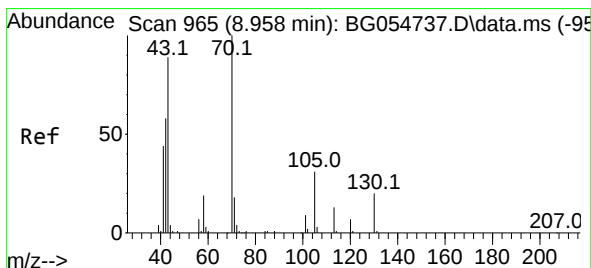
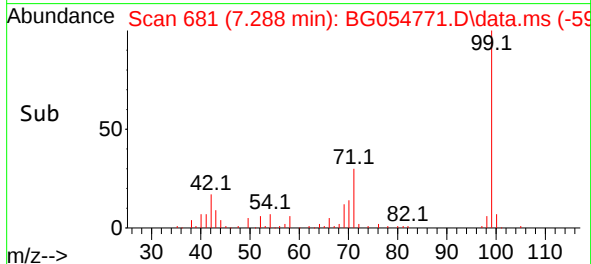
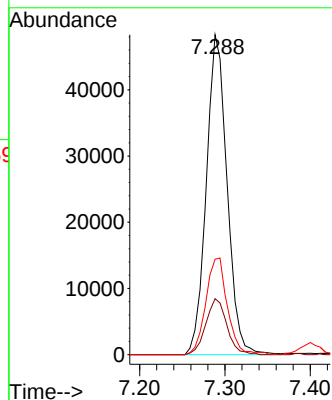
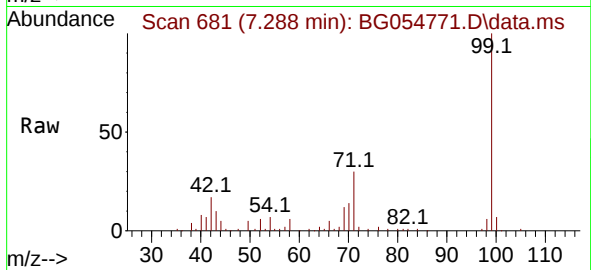




#7
Phenol-d6
Concen: 21.863 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

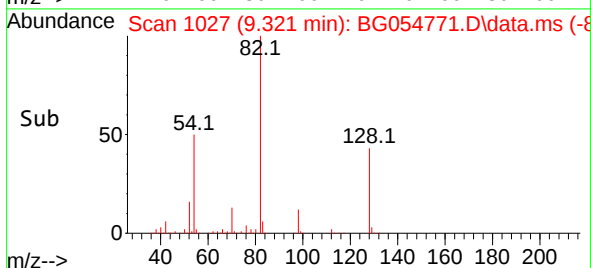
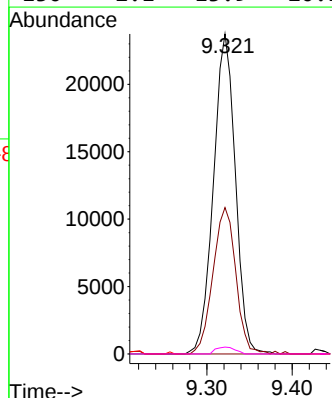
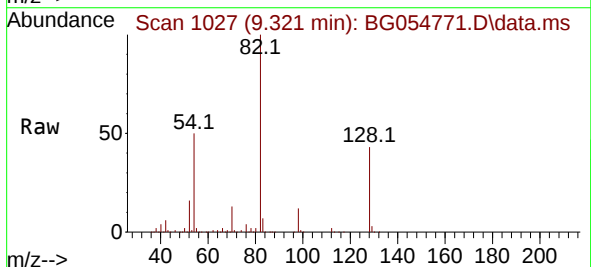
Instrument :
BNA_G
ClientSampleId :
MW-35

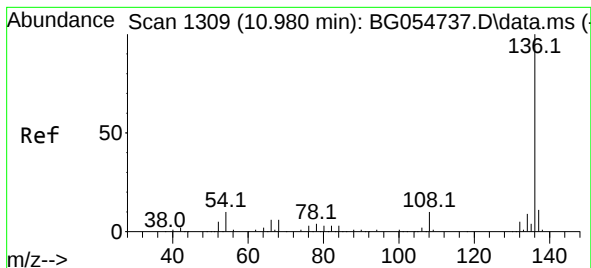
Tgt Ion: 99 Resp: 81848
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 29.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.475 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

Tgt Ion: 70 Resp: 42413
Ion Ratio Lower Upper
70 100
42 45.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

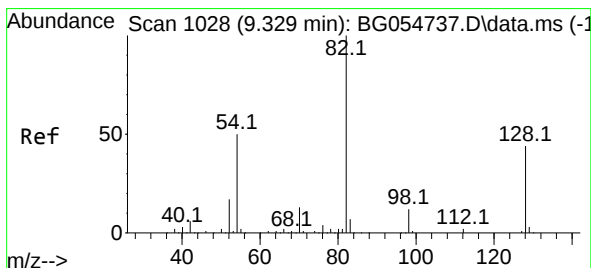
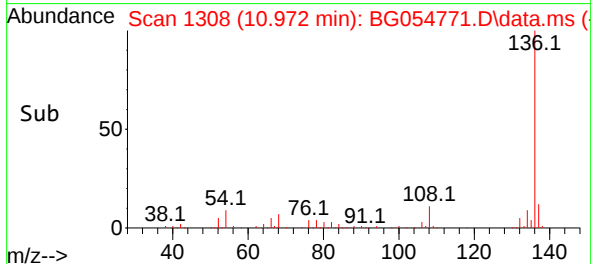
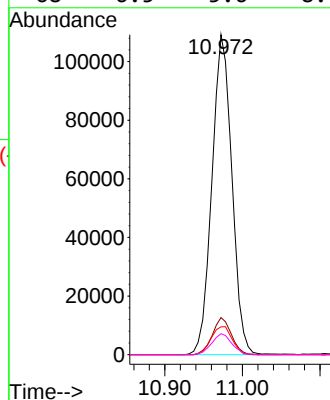
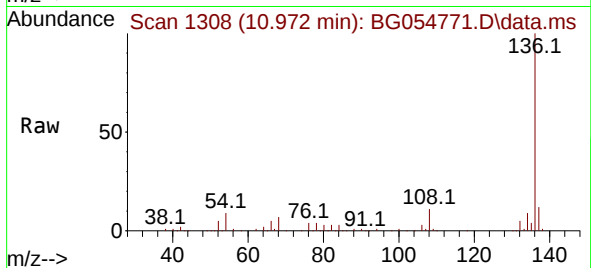




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

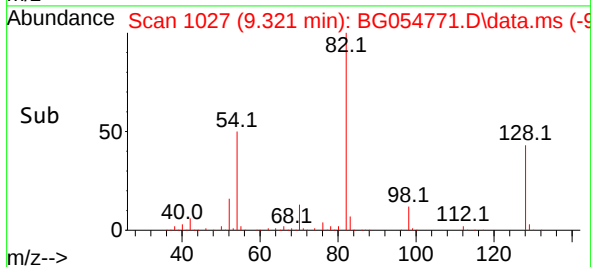
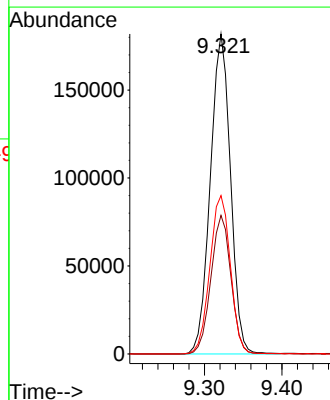
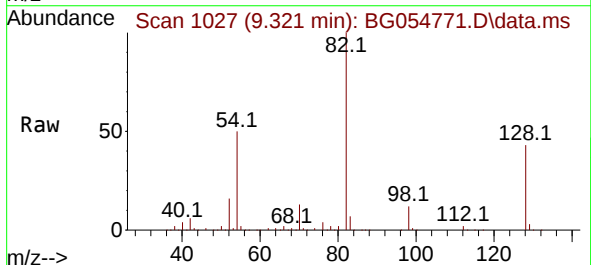
Instrument :
BNA_G
ClientSampleId :
MW-35

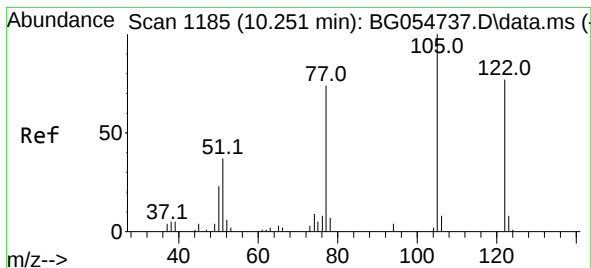
Tgt Ion:	136	Resp:	195405
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.2	13.8
54	8.7	7.7	11.5
68	6.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.287 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

Tgt Ion:	82	Resp:	328628
Ion Ratio	Lower	Upper	
82	100		
128	43.3	32.2	48.2
54	49.5	41.4	62.0





#32

Benzoic acid

Concen: 7.828 ng

RT: 10.161 min Scan# 1185

Delta R.T. -0.090 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

Instrument :

BNA_G

ClientSampleId :

MW-35

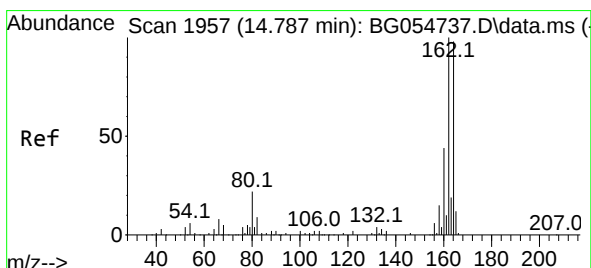
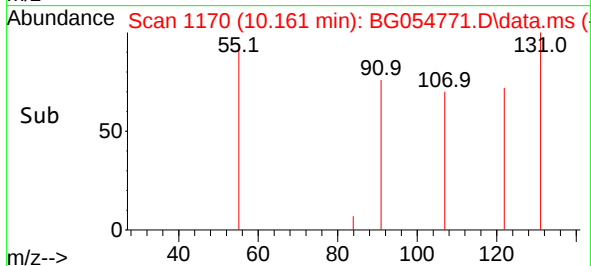
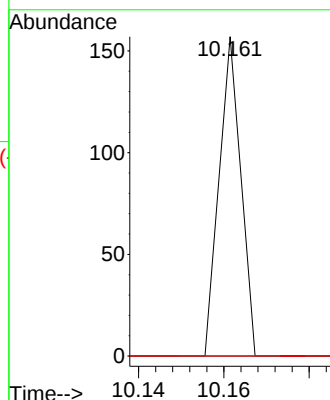
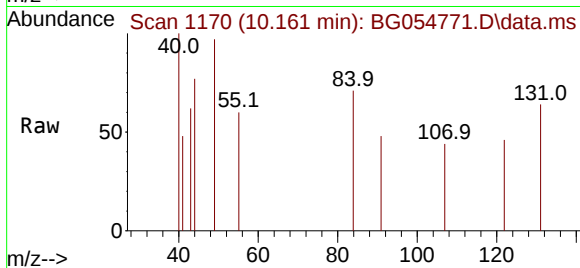
Tgt Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 101.5 141.5#

77 0.0 69.3 109.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

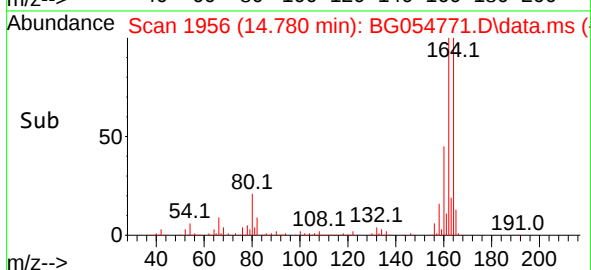
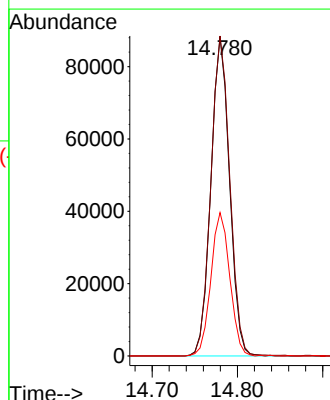
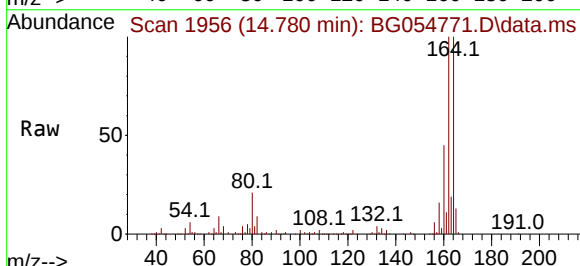
Tgt Ion:164 Resp: 134007

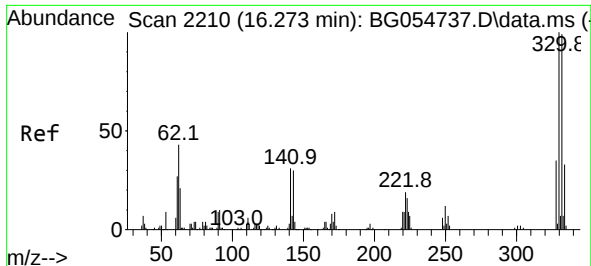
Ion Ratio Lower Upper

164 100

162 100.3 83.0 124.4

160 44.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 89.480 ng

RT: 16.266 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

Instrument :

BNA_G

ClientSampleId :

MW-35

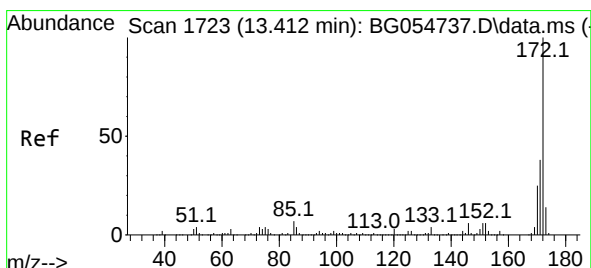
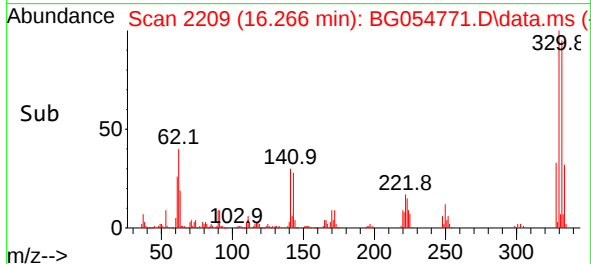
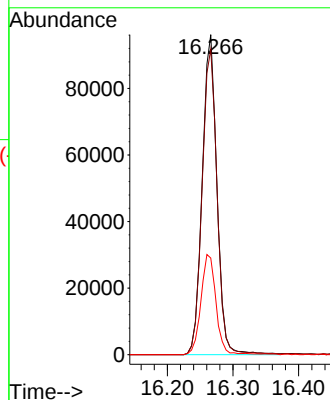
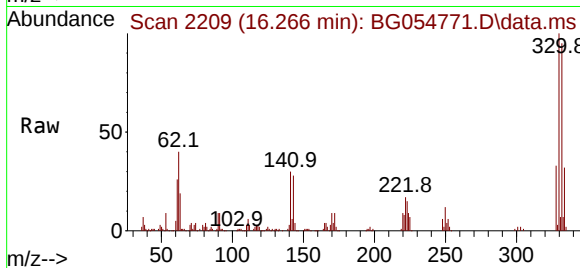
Tgt Ion:330 Resp: 149835

Ion Ratio Lower Upper

330 100

332 97.6 79.8 119.6

141 32.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 90.630 ng

RT: 13.405 min Scan# 1722

Delta R.T. -0.007 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

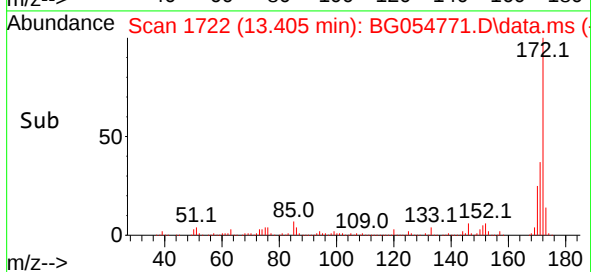
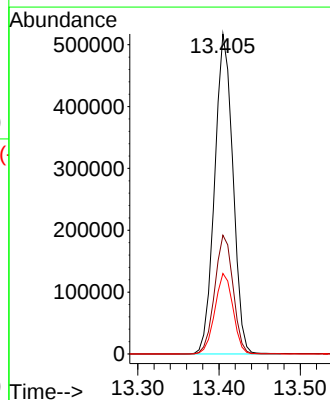
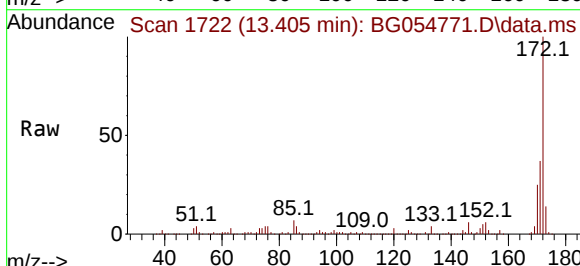
Tgt Ion:172 Resp: 808050

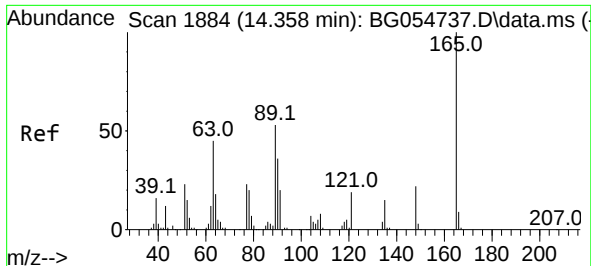
Ion Ratio Lower Upper

172 100

171 37.1 31.2 46.8

170 25.1 20.6 30.8

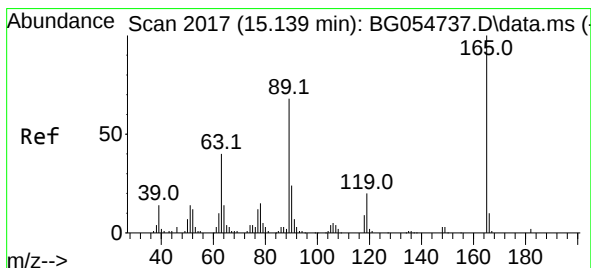
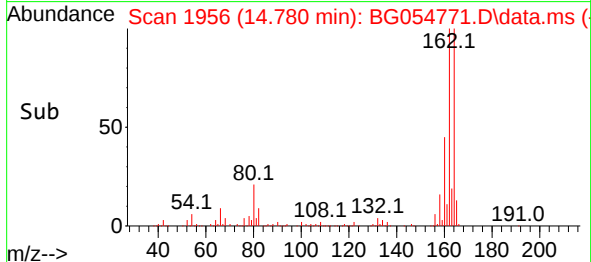
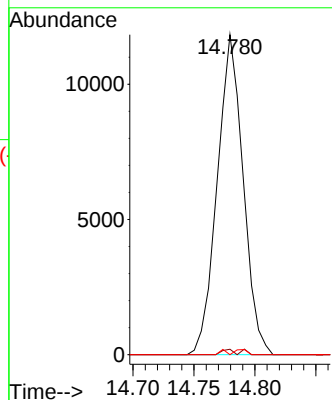
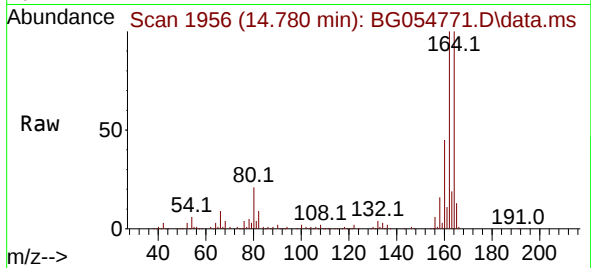




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

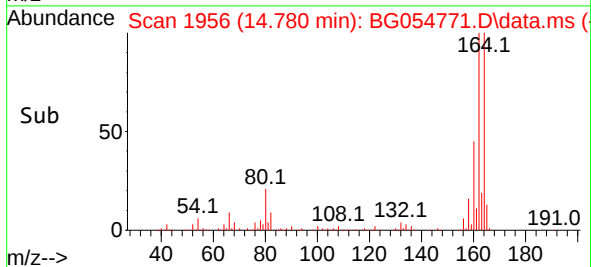
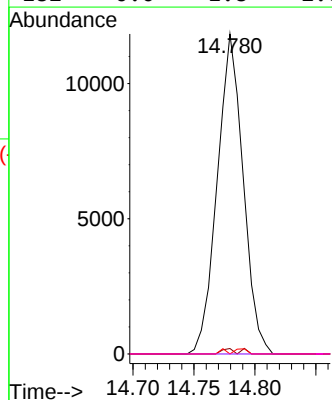
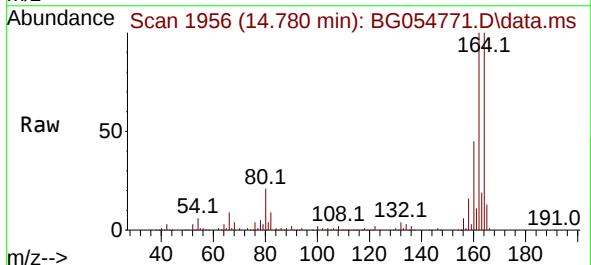
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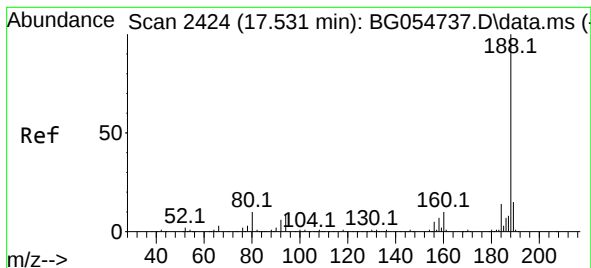
Tgt Ion:165 Resp: 17498
Ion Ratio Lower Upper
165 100
63 1.7 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 5.991 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.360 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

Tgt Ion:165 Resp: 17498
Ion Ratio Lower Upper
165 100
63 1.7 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: 17.523 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

Instrument :

BNA_G

ClientSampleId :

MW-35

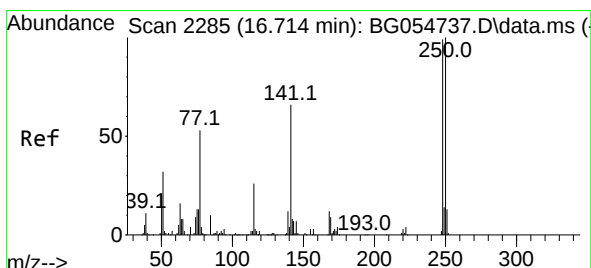
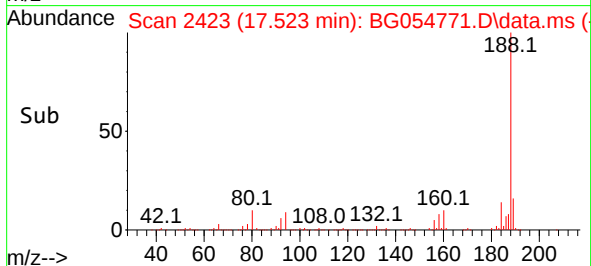
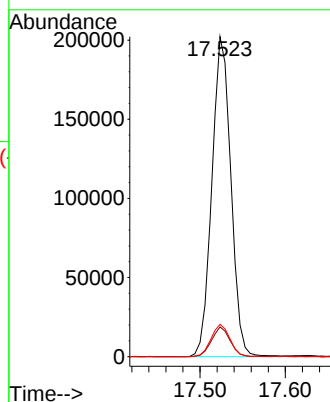
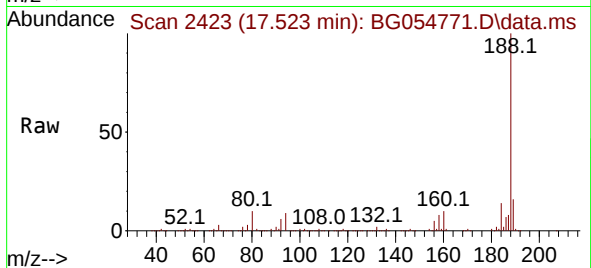
Tgt Ion:188 Resp: 312377

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.1 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.758 ng

RT: 16.266 min Scan# 2209

Delta R.T. -0.448 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

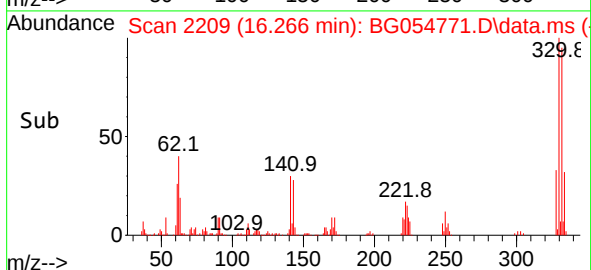
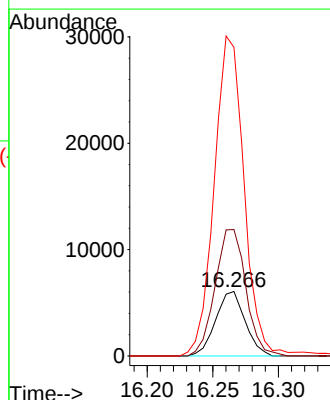
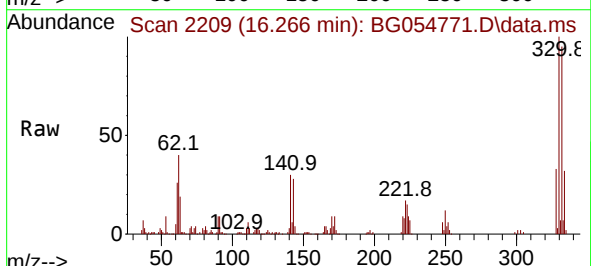
Tgt Ion:248 Resp: 9460

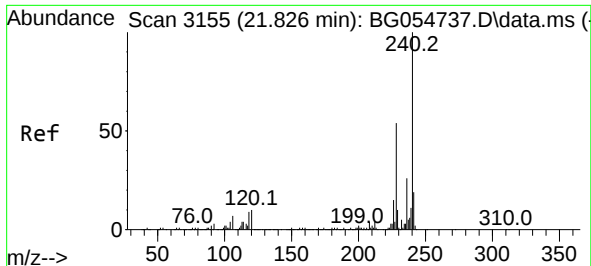
Ion Ratio Lower Upper

248 100

250 195.9 78.8 118.2#

141 478.0 51.9 77.9#

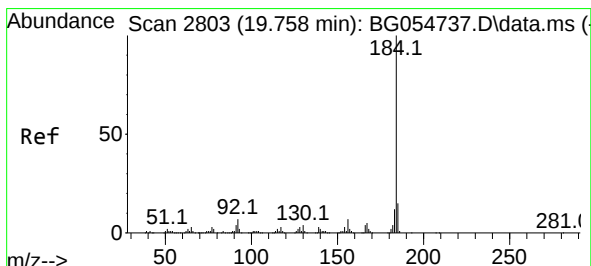
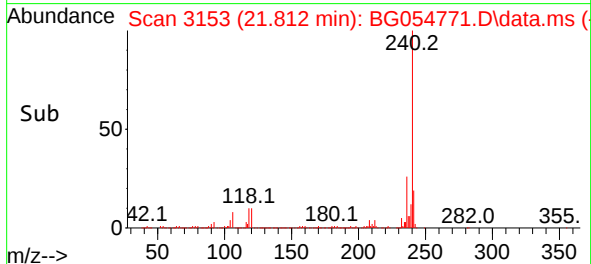
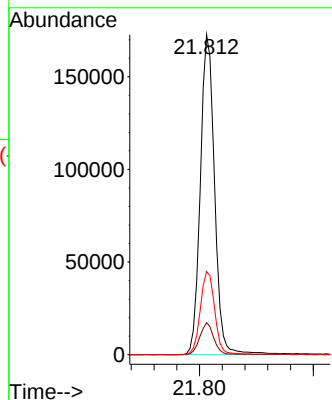
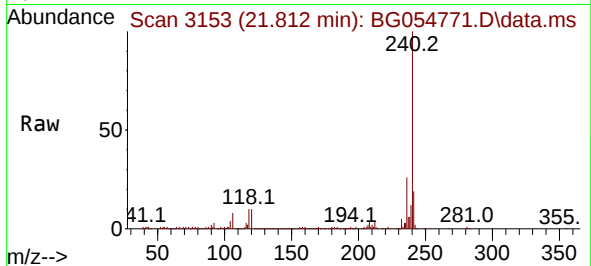




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.812 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

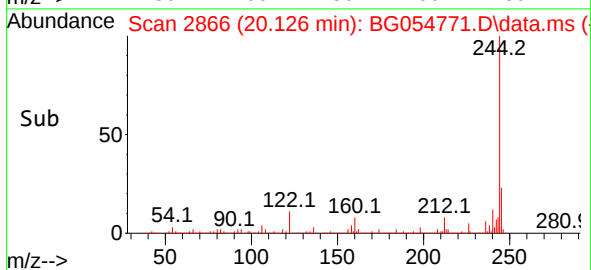
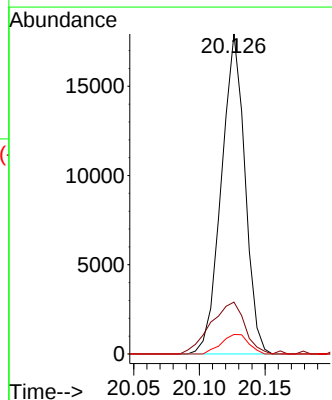
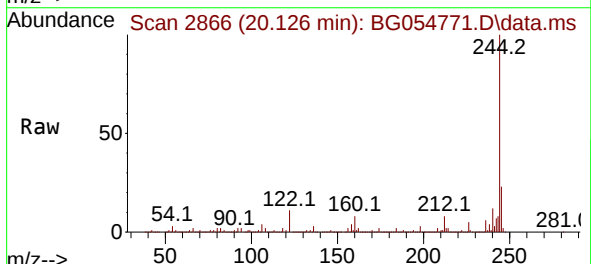
Instrument :
BNA_G
ClientSampleId :
MW-35

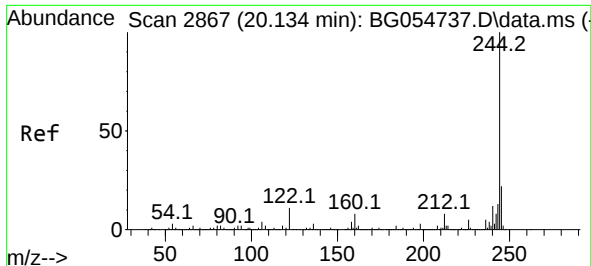
Tgt Ion:240 Resp: 300964
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.0 21.2 31.8



#77
Benzidine
Concen: 3.001 ng
RT: 20.126 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054771.D
Acq: 29 Aug 2022 13:52

Tgt Ion:184 Resp: 22374
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.0
183 6.1 9.8 14.8#

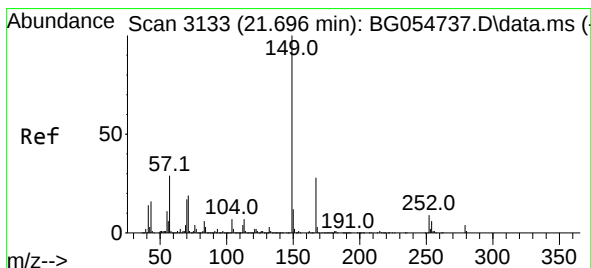
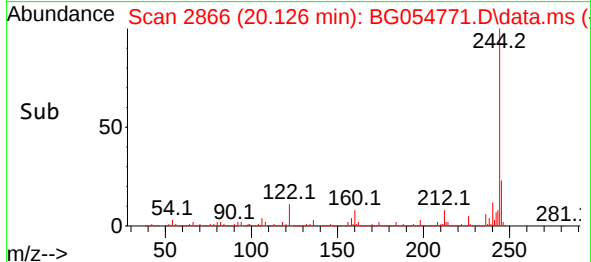
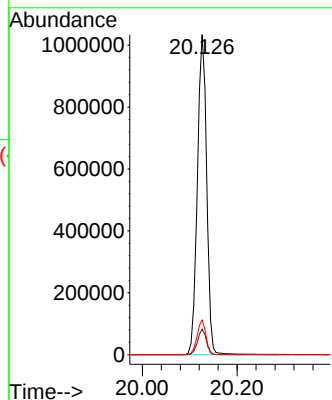
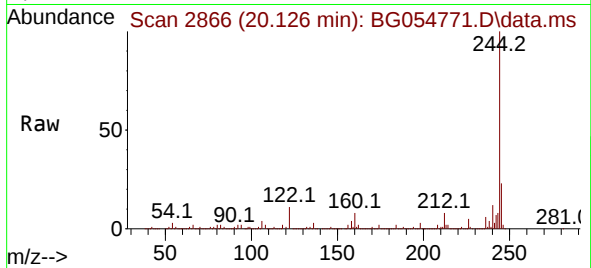




#79
 Terphenyl-d14
 Concen: 92.941 ng
 RT: 20.126 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054771.D
 Acq: 29 Aug 2022 13:52

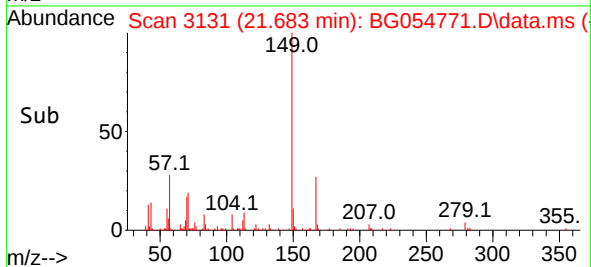
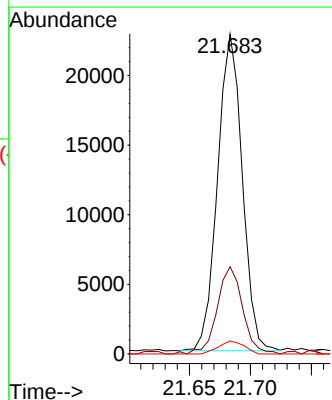
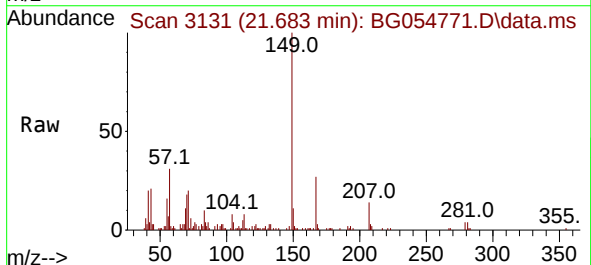
Instrument :
 BNA_G
 ClientSampleId :
 MW-35

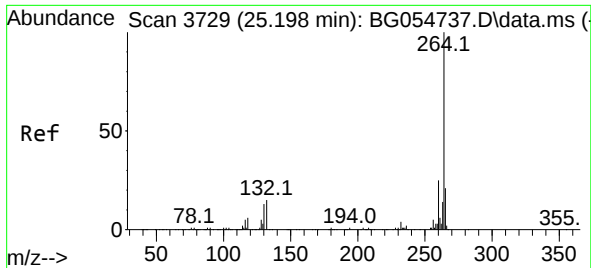
Tgt Ion:244 Resp: 1411738
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.8 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.540 ng
 RT: 21.683 min Scan# 3131
 Delta R.T. -0.013 min
 Lab File: BG054771.D
 Acq: 29 Aug 2022 13:52

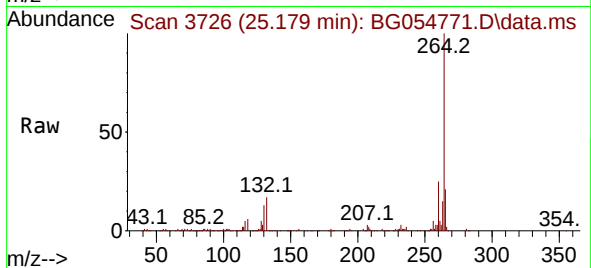
Tgt Ion:149 Resp: 32037
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 4.1 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG054771.D
 Acq: 29 Aug 2022 13:52

Instrument :
 BNA_G
 ClientSampleId :
 MW-35



Tgt Ion:264 Resp: 318445
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.9 29.9
 265 21.4 16.9 25.3

