

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054770.D
 Acq On : 29 Aug 2022 13:10
 Operator : CG/JU
 Sample : N4355-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322

Quant Time: Aug 30 02:46:19 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)

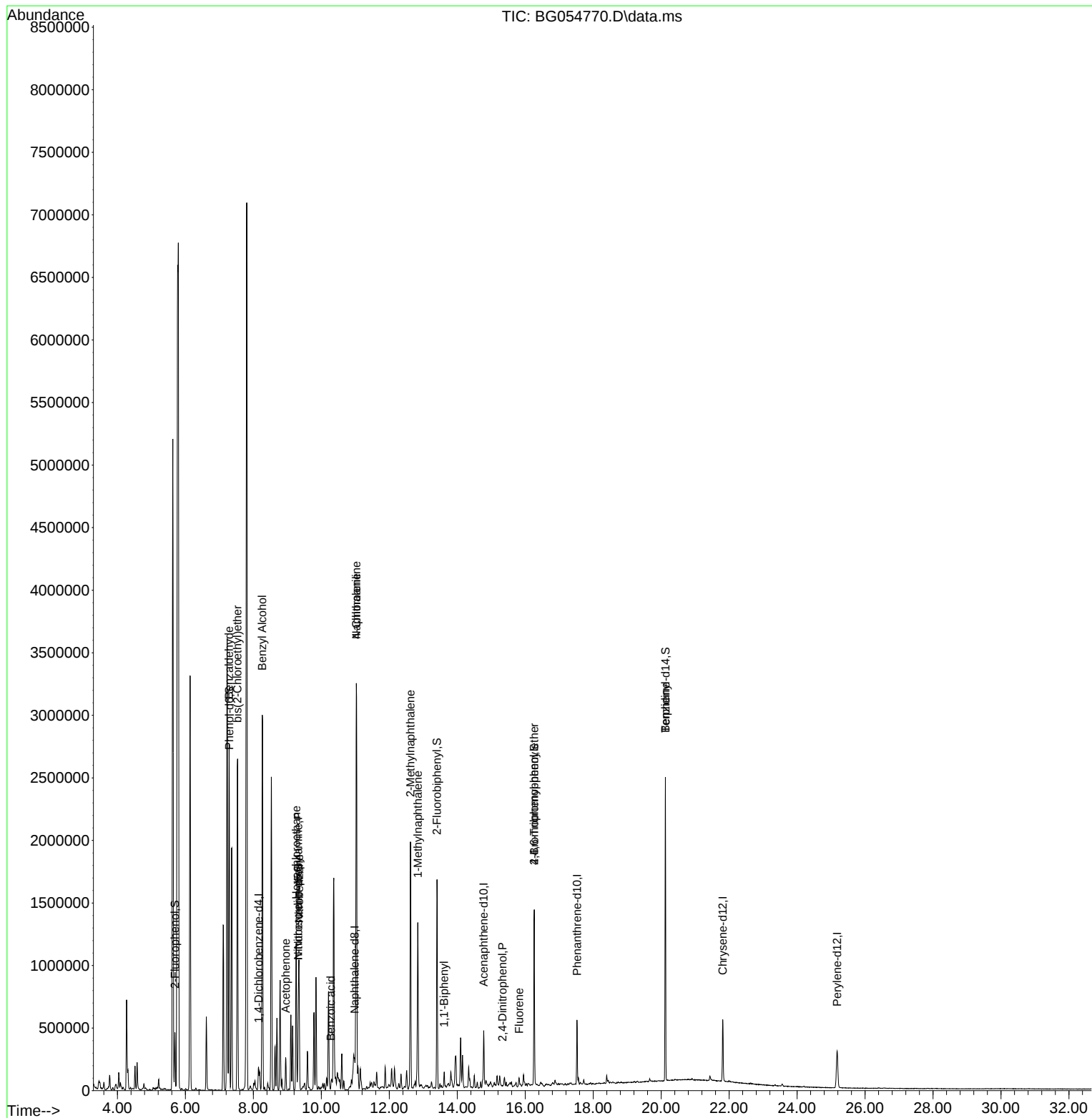
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	53390	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	217926	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	148314	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	327989	20.000	ng	0.00
76) Chrysene-d12	21.813	240	313751	20.000	ng	-0.01
86) Perylene-d12	25.180	264	330258	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	218628	71.307	ng	0.01
7) Phenol-d6	7.295	99	182279	43.472	ng	0.00
23) Nitrobenzene-d5	9.322	82	375385	90.427	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	288573	155.709	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	891830	90.378	ng	0.00
79) Terphenyl-d14	20.127	244	1216975	76.854	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.289	77	196612	71.543	ng	# 1
11) bis(2-Chloroethyl)ether	7.530	93	9629	2.777	ng	# 1
15) Benzyl Alcohol	8.264	79	173316	57.216	ng	# 8
18) Hexachloroethane	9.263	117	194289	137.027	ng	# 1
19) n-Nitroso-di-n-propyla...	9.322	70	48926	16.968	ng	# 78
22) Acetophenone	8.952	105	195179	35.799	ng	# 55
24) Nitrobenzene	9.345	77	28910	6.909	ng	# 1
31) Naphthalene	11.032	128	2684376	229.587	ng	# 91
32) Benzoic acid	10.280	122	358	7.947	ng	# 48
33) 4-Chloroaniline	11.032	127	438623	92.018	ng	# 32
37) 2-Methylnaphthalene	12.624	142	964796	117.731	ng	99
38) 1-Methylnaphthalene	12.841	142	630869	79.125	ng	99
46) 1,1'-Biphenyl	13.617	154	64840	5.887	ng	99
54) 2,4-Dinitrophenol	15.332	184	74	6.751	ng	# 1
58) Fluorene	15.820	166	28568	2.603	ng	97
67) 4-Bromophenyl-phenylether	16.267	248	18559	5.154	ng	# 1
77) Benzidine	20.127	184	18879	2.429	ng	# 91

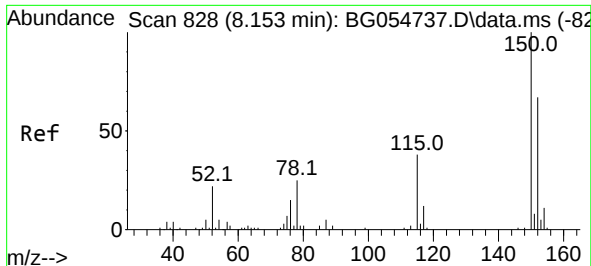
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
Data File : BG054770.D
Acq On : 29 Aug 2022 13:10
Operator : CG/JU
Sample : N4355-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP082322

Quant Time: Aug 30 02:46:19 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

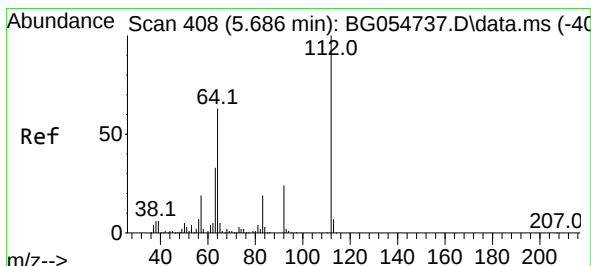
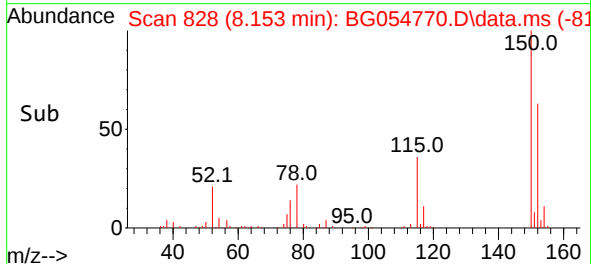
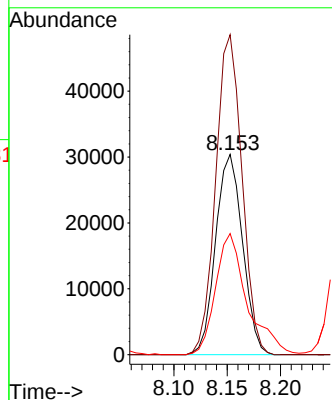
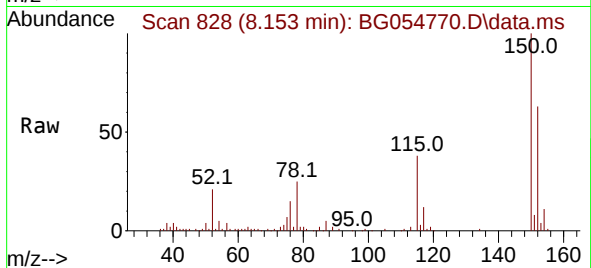




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

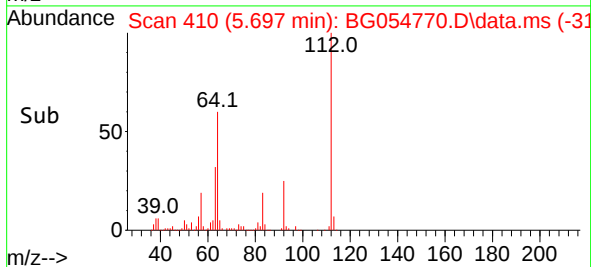
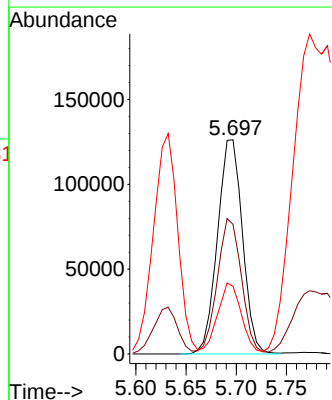
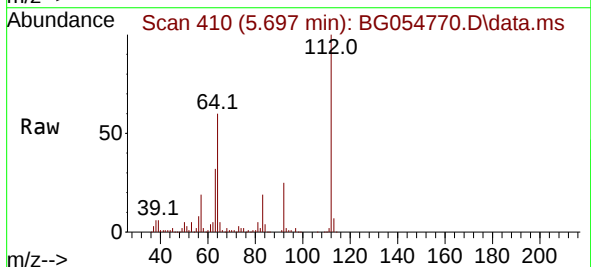
Instrument :
BNA_G
ClientSampleId :
DUP082322

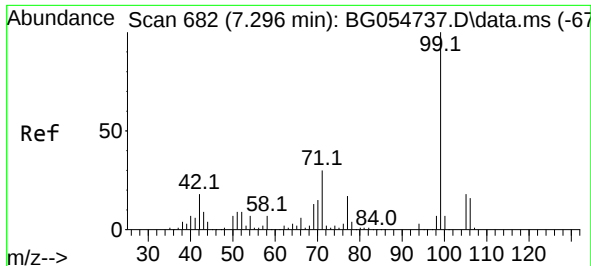
Tgt Ion:152 Resp: 53390
Ion Ratio Lower Upper
152 100
150 159.8 125.2 187.8
115 60.5 47.9 71.9



#5
2-Fluorophenol
Concen: 71.307 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.011 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:112 Resp: 218628
Ion Ratio Lower Upper
112 100
64 60.5 49.3 73.9
63 31.6 26.3 39.5

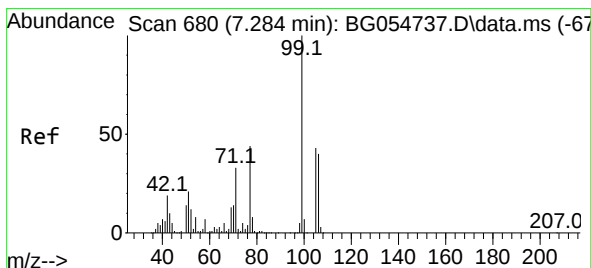
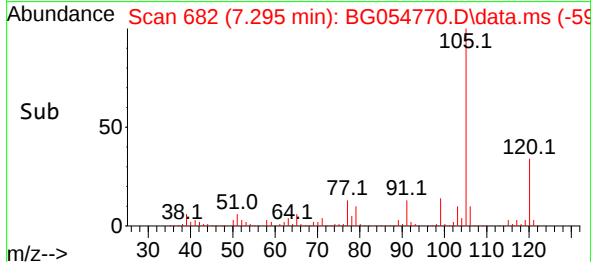
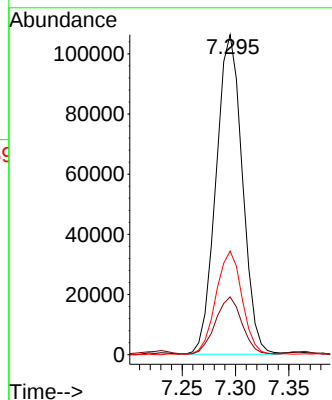
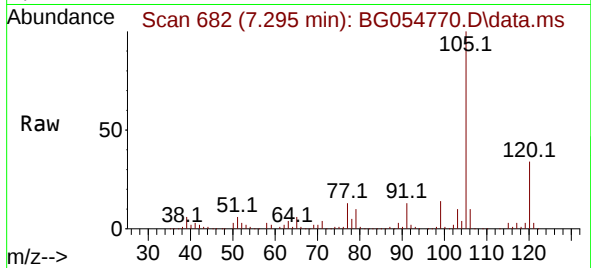




#7
Phenol-d6
Concen: 43.472 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

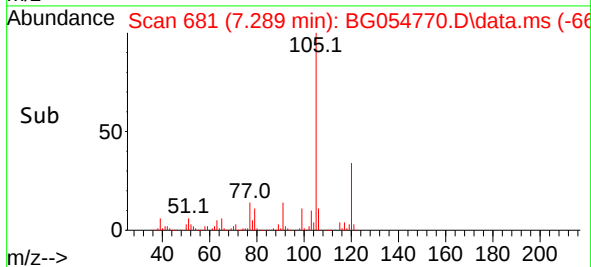
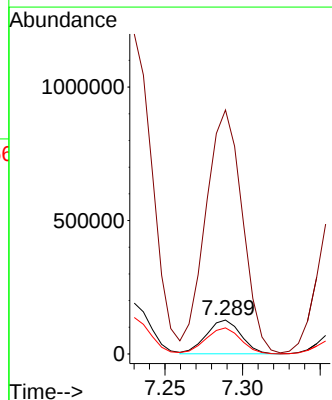
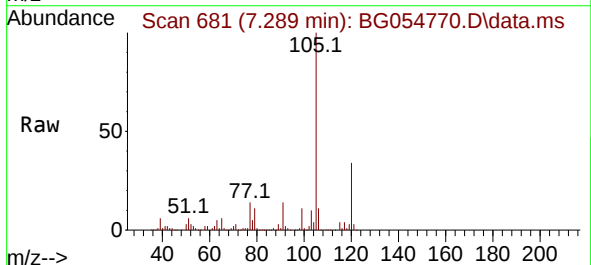
Instrument :
BNA_G
ClientSampleId :
DUP082322

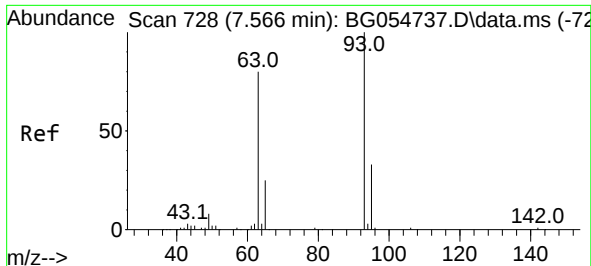
Tgt Ion: 99 Resp: 182279
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 32.4 24.6 37.0



#9
Benzaldehyde
Concen: 71.543 ng
RT: 7.289 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion: 77 Resp: 196612
Ion Ratio Lower Upper
77 100
105 719.2 75.3 115.3#
106 76.9 70.2 110.2

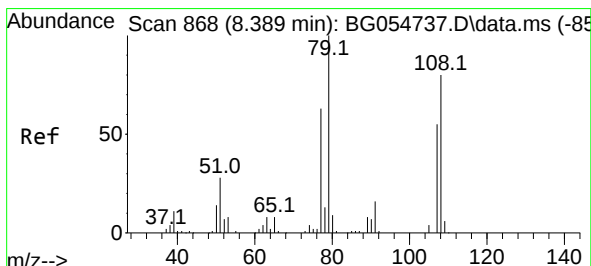
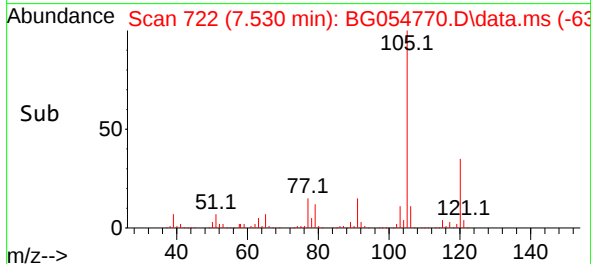
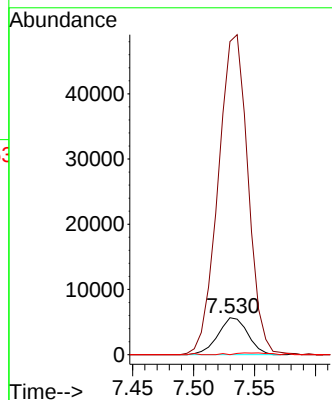
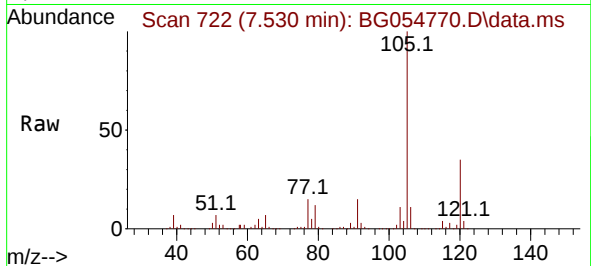




#11
bis(2-Chloroethyl)ether
Concen: 2.777 ng
RT: 7.530 min Scan# 71
Delta R.T. -0.036 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

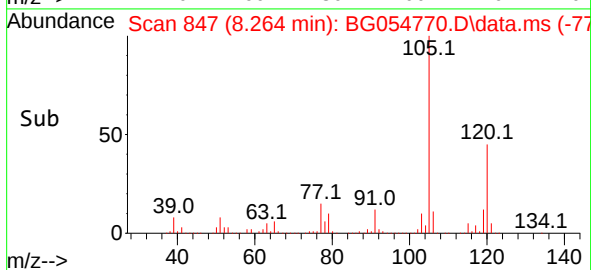
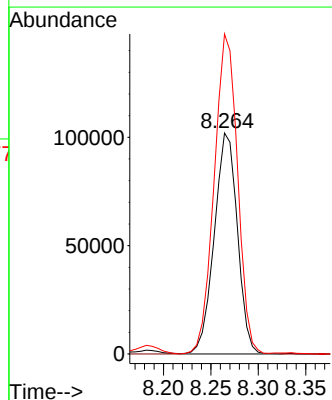
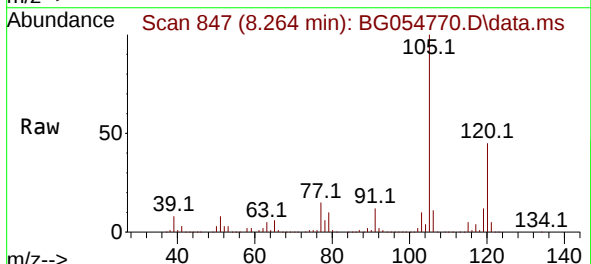
Instrument :
BNA_G
ClientSampleId :
DUP082322

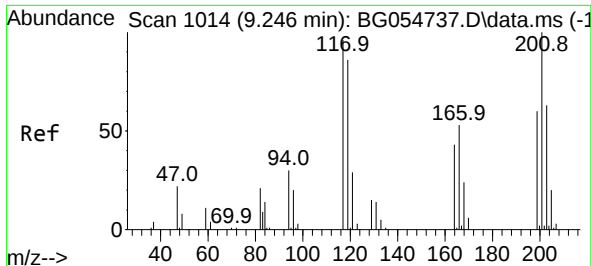
Tgt Ion: 93 Resp: 9629
Ion Ratio Lower Upper
93 100
63 846.7 62.1 102.1#
95 0.0 12.1 52.1#



#15
Benzyl Alcohol
Concen: 57.216 ng
RT: 8.264 min Scan# 847
Delta R.T. -0.124 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion: 79 Resp: 173316
Ion Ratio Lower Upper
79 100
108 0.0 63.4 95.0#
77 144.8 55.0 82.4#





#18

Hexachloroethane

Concen: 137.027 ng

RT: 9.263 min Scan# 1017

Delta R.T. 0.017 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

Instrument :

BNA_G

ClientSampleId :

DUP082322

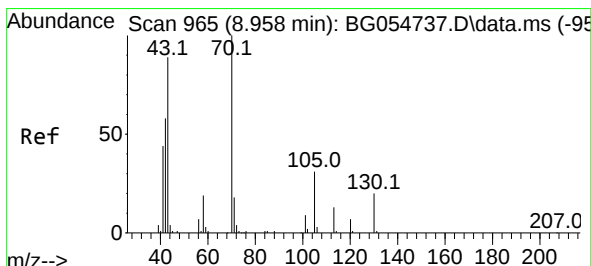
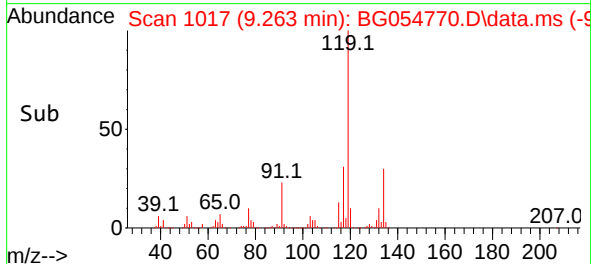
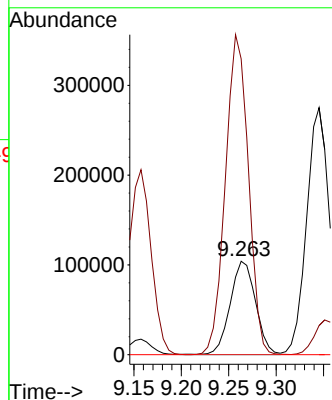
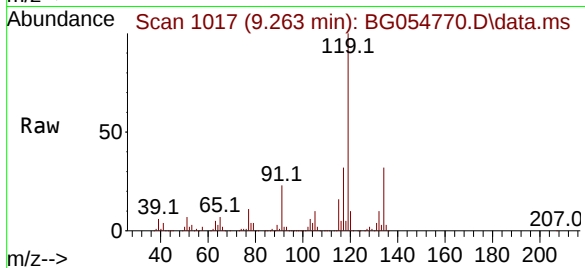
Tgt Ion:117 Resp: 194289

Ion Ratio Lower Upper

117 100

119 316.4 77.0 115.6#

201 0.0 87.2 130.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.968 ng

RT: 9.322 min Scan# 1027

Delta R.T. 0.363 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

Tgt Ion: 70 Resp: 48926

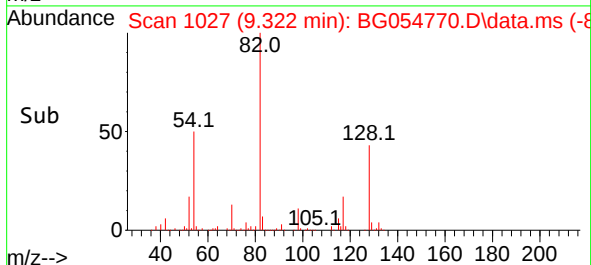
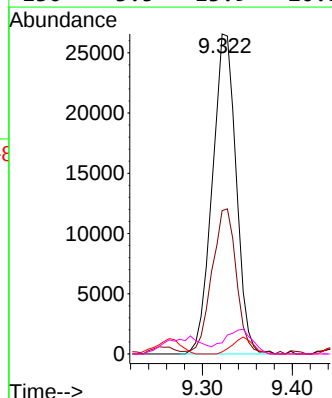
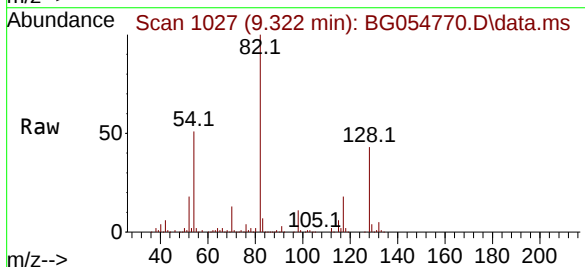
Ion Ratio Lower Upper

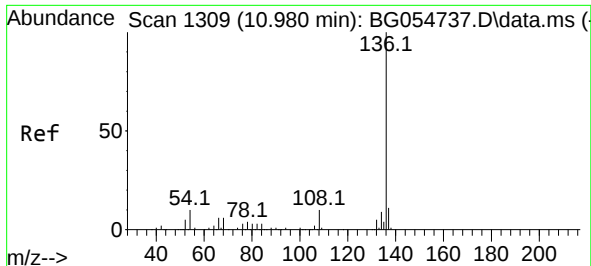
70 100

42 44.8 46.6 69.8#

101 0.6 7.7 11.5#

130 3.5 13.9 20.9#

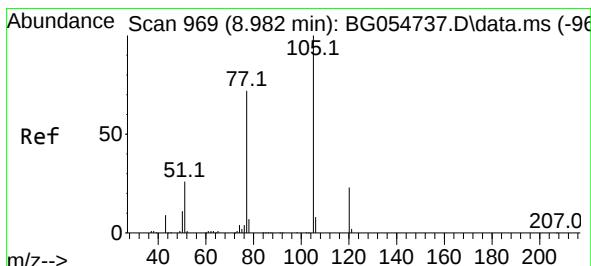
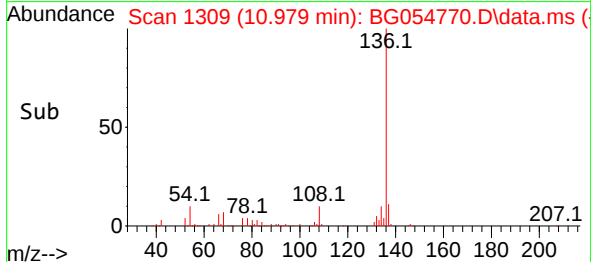
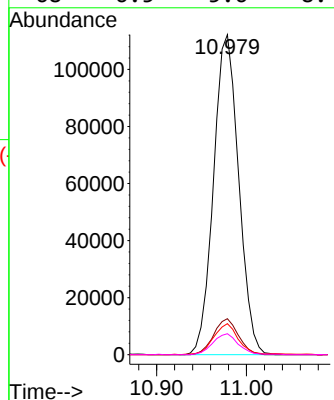
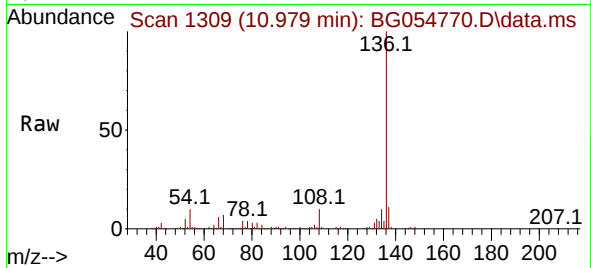




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

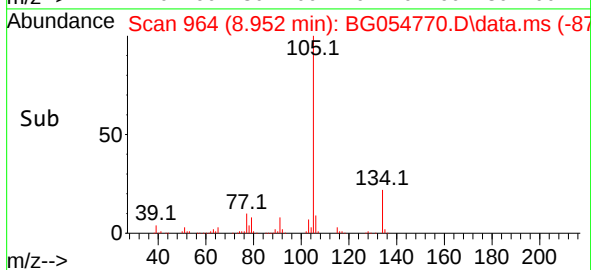
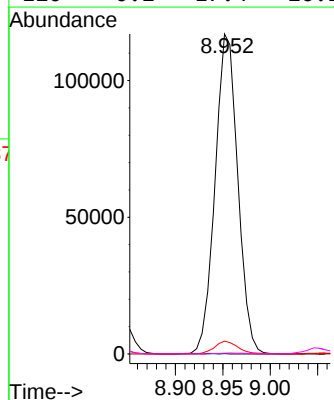
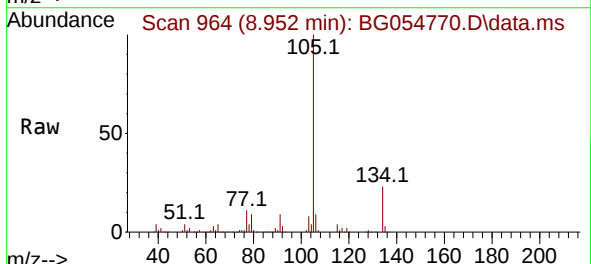
Instrument :
BNA_G
ClientSampleId :
DUP082322

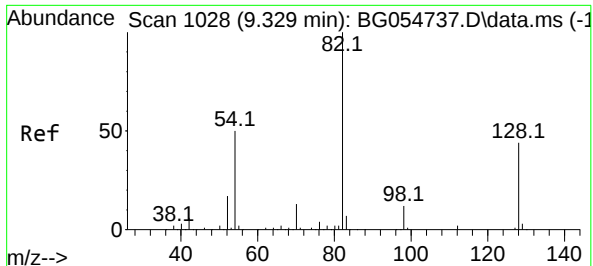
Tgt Ion:	136	Resp:	217926
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.7	7.7	11.5
68	6.5	5.6	8.4



#22
Acetophenone
Concen: 35.799 ng
RT: 8.952 min Scan# 964
Delta R.T. -0.030 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:	105	Resp:	195179
Ion	Ratio	Lower	Upper
105	100		
71	0.1	1.2	1.8#
51	4.0	22.9	34.3#
120	0.2	17.4	26.2#





#23

Nitrobenzene-d5

Concen: 90.427 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

Instrument :

BNA_G

ClientSampleId :

DUP082322

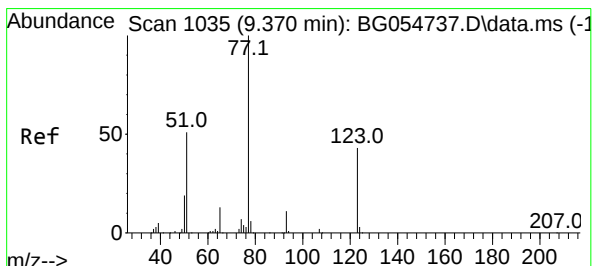
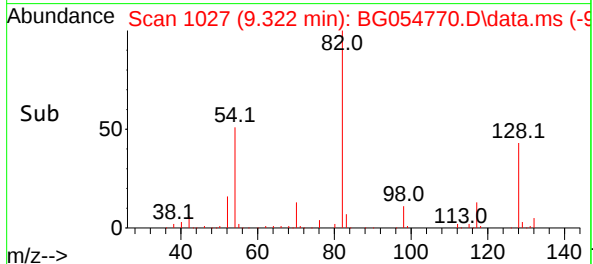
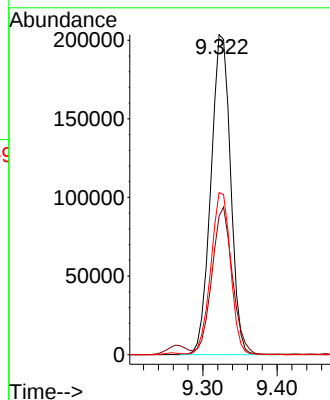
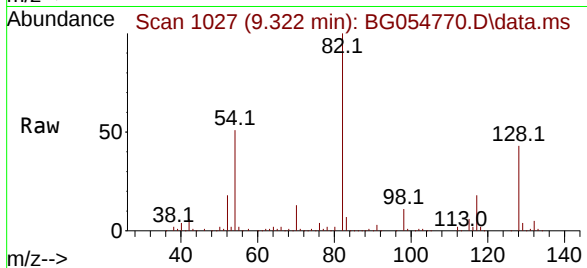
Tgt Ion: 82 Resp: 375385

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

54 50.6 41.4 62.0



#24

Nitrobenzene

Concen: 6.909 ng

RT: 9.345 min Scan# 1031

Delta R.T. -0.024 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

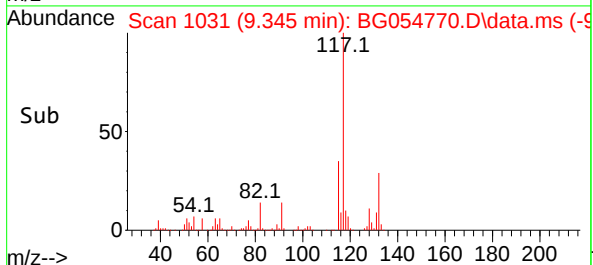
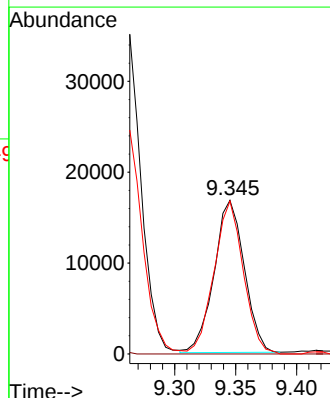
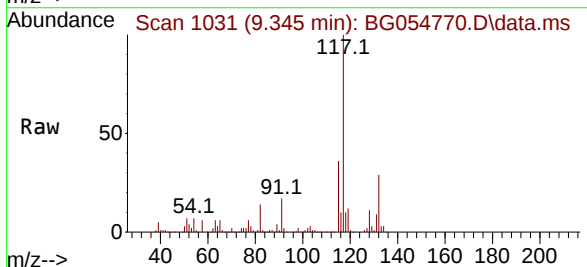
Tgt Ion: 77 Resp: 28910

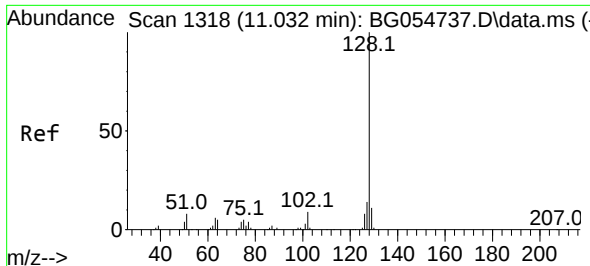
Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.6#

65 99.4 10.2 15.2#

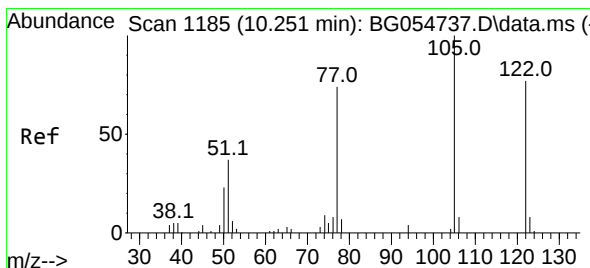
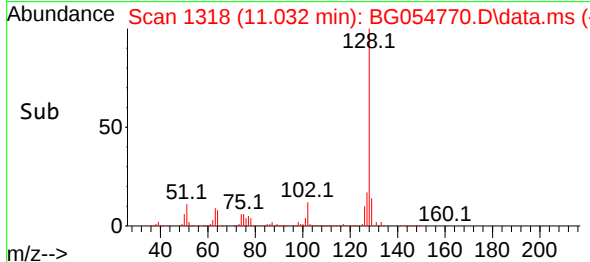
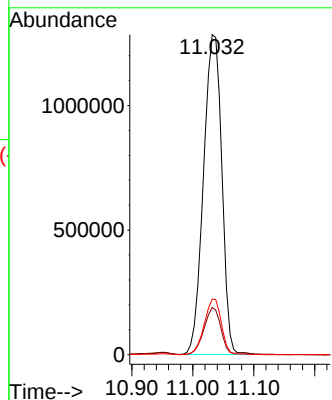
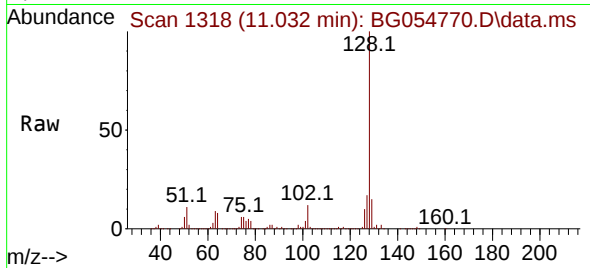




#31
Naphthalene
Concen: 229.587 ng
RT: 11.032 min Scan# 1190
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

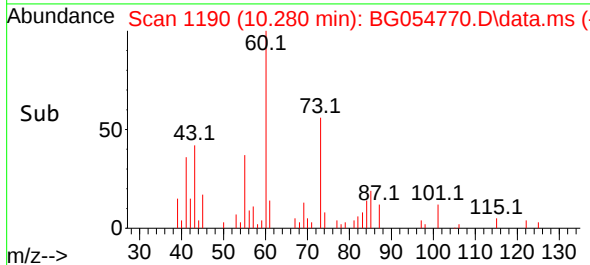
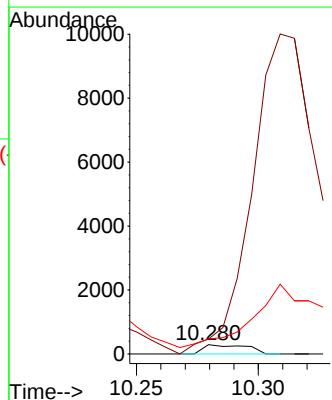
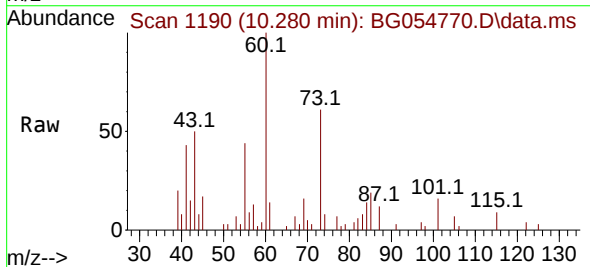
Instrument :
BNA_G
ClientSampleId :
DUP082322

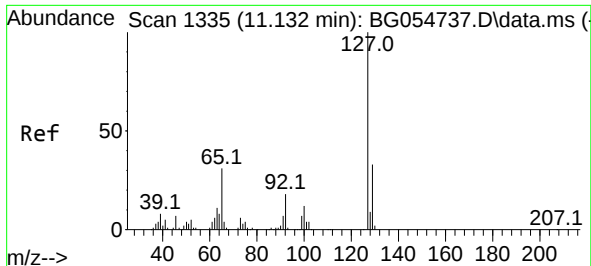
Tgt Ion:128 Resp: 2684376
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.4#
127 17.4 11.1 16.7#



#32
Benzoic acid
Concen: 7.947 ng
RT: 10.280 min Scan# 1190
Delta R.T. 0.029 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:122 Resp: 358
Ion Ratio Lower Upper
122 100
105 159.2 101.5 141.5#
77 161.3 69.3 109.3#

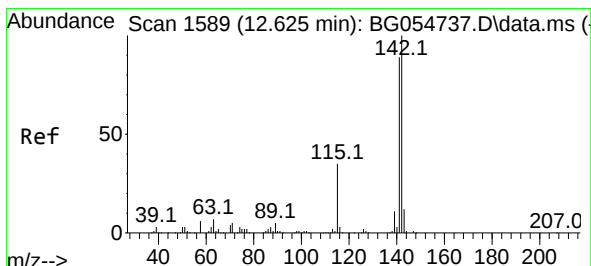
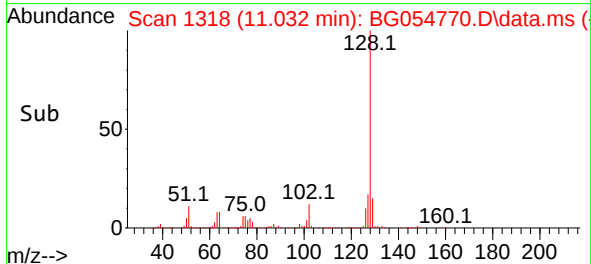
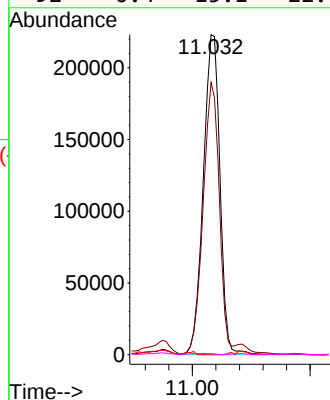
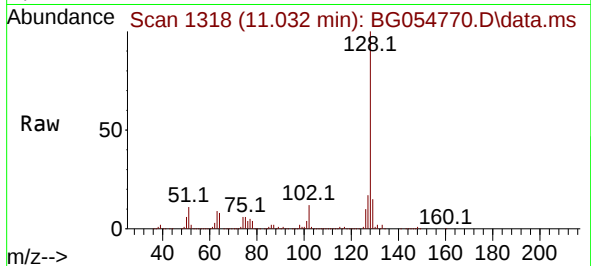




#33
4-Chloroaniline
Concen: 92.018 ng
RT: 11.032 min Scan# 11
Delta R.T. -0.101 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

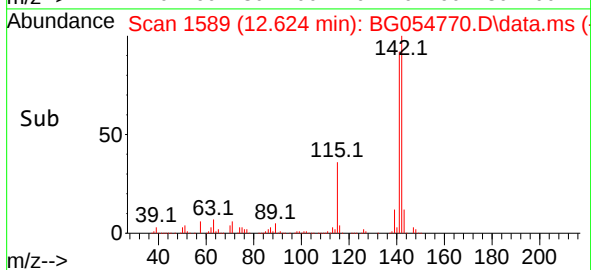
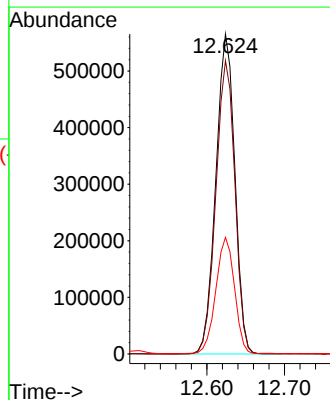
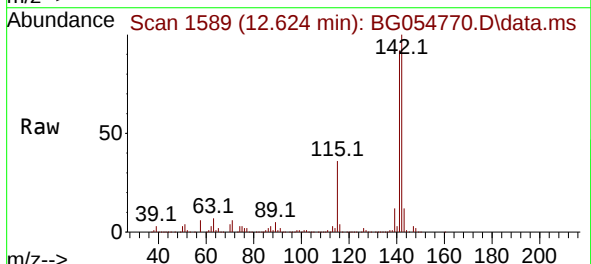
Instrument :
BNA_G
ClientSampleId :
DUP082322

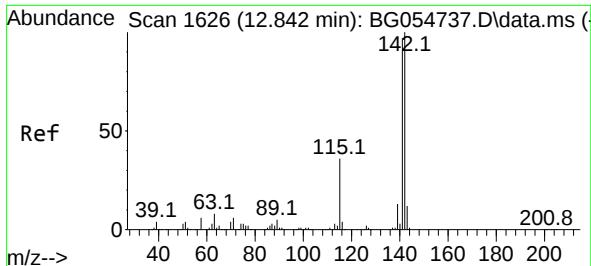
Tgt Ion:127	Resp: 438623
Ion Ratio	Lower Upper
127 100	
129 85.1	26.0 39.0#
65 0.0	25.8 38.8#
92 0.4	15.1 22.7#



#37
2-Methylnaphthalene
Concen: 117.731 ng
RT: 12.624 min Scan# 1589
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:142	Resp: 964796
Ion Ratio	Lower Upper
142 100	
141 91.6	73.0 109.4
115 36.4	27.3 40.9

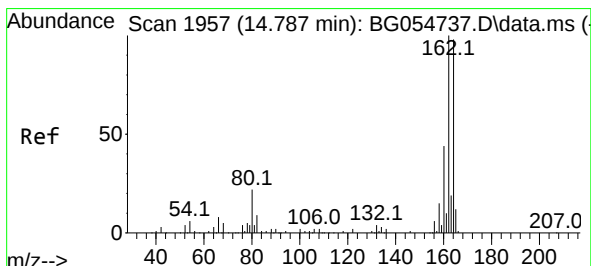
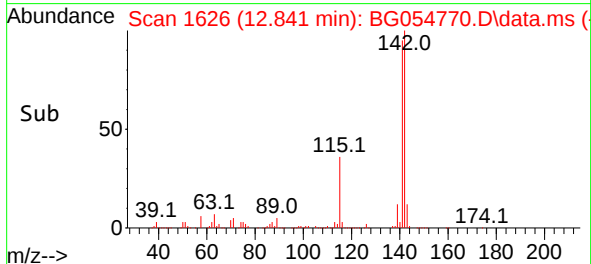
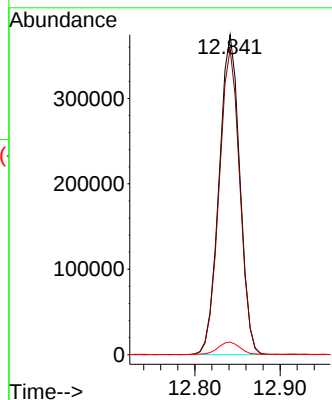
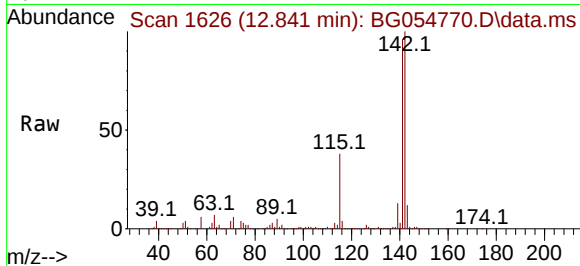




#38
1-Methylnaphthalene
Concen: 79.125 ng
RT: 12.841 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

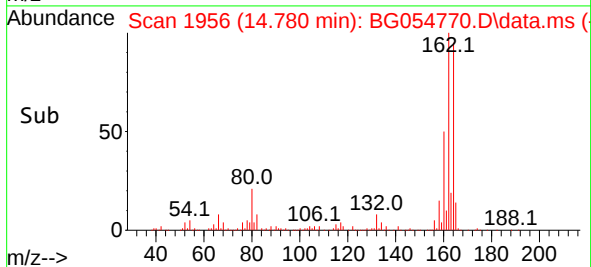
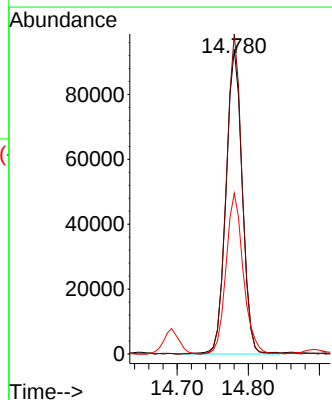
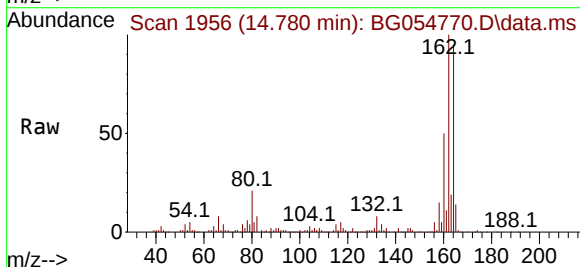
Instrument :
BNA_G
ClientSampleId :
DUP082322

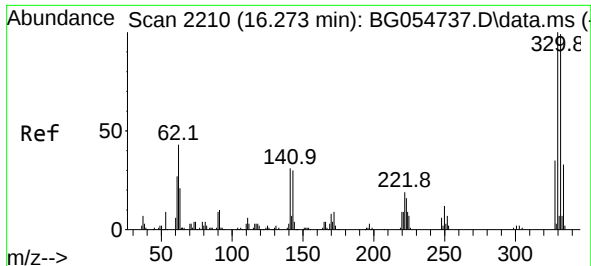
Tgt Ion:142 Resp: 630869
Ion Ratio Lower Upper
142 100
141 95.6 77.4 116.0
116 4.0 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

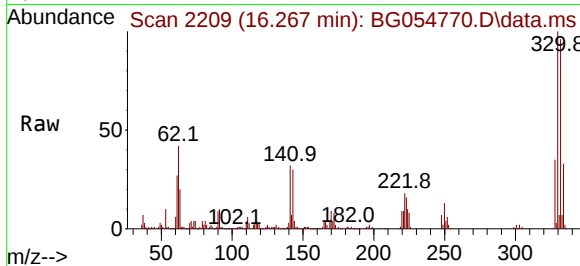
Tgt Ion:164 Resp: 148314
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.4
160 52.7 38.0 57.0



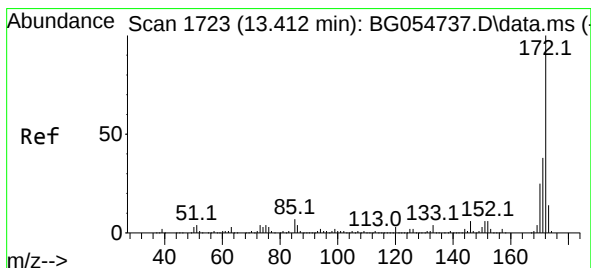
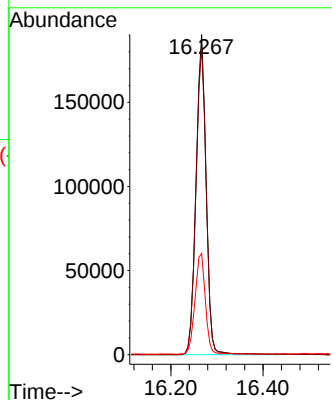
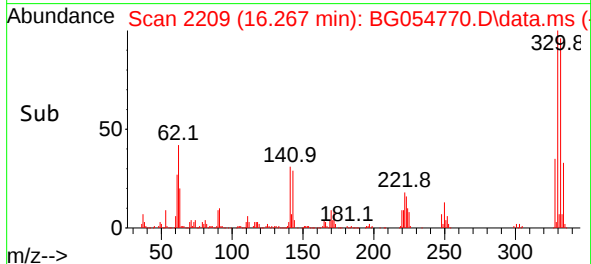


#42
2,4,6-Tribromophenol
Concen: 155.709 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

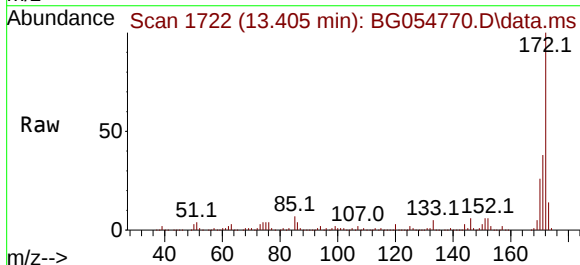
Instrument :
BNA_G
ClientSampleId :
DUP082322



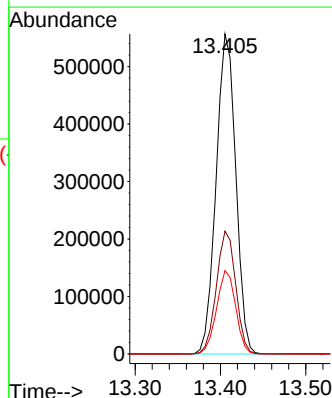
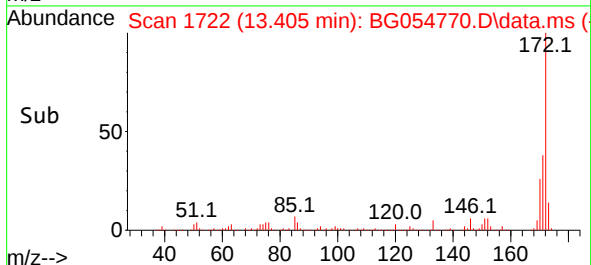
Tgt Ion:330 Resp: 288573
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 32.3 26.8 40.2

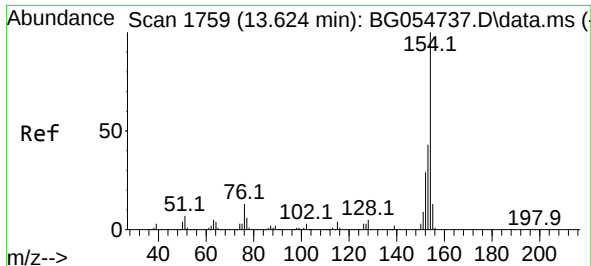


#45
2-Fluorobiphenyl
Concen: 90.378 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10



Tgt Ion:172 Resp: 891830
Ion Ratio Lower Upper
172 100
171 38.4 31.2 46.8
170 26.0 20.6 30.8

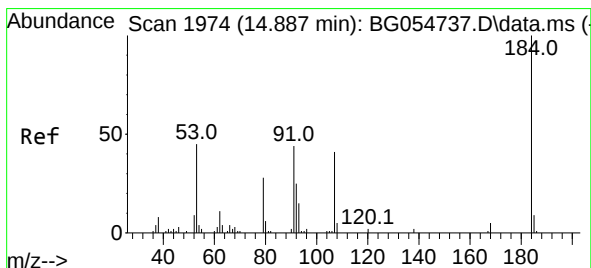
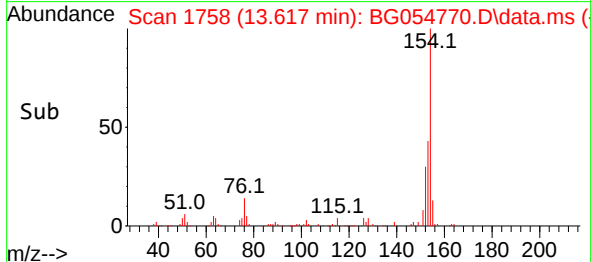
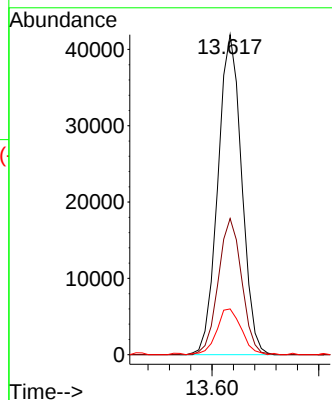
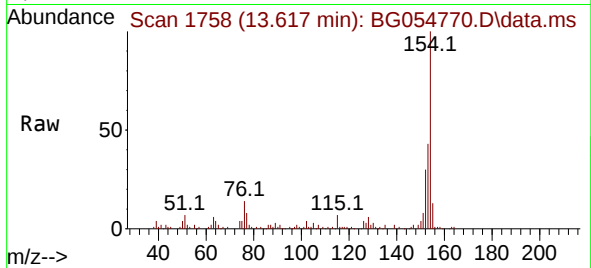




#46
 1,1'-Biphenyl
 Concen: 5.887 ng
 RT: 13.617 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG054770.D
 Acq: 29 Aug 2022 13:10

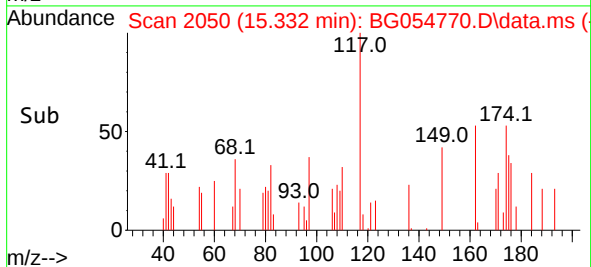
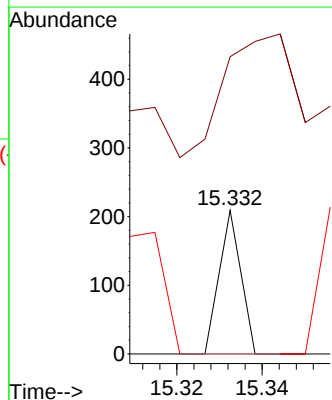
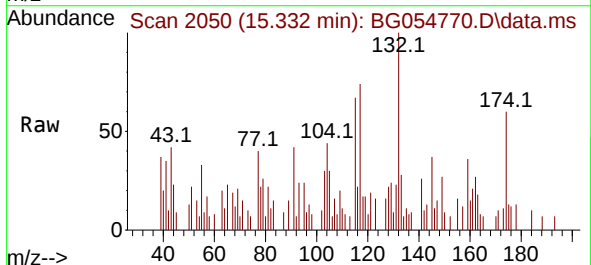
Instrument :
 BNA_G
 ClientSampleId :
 DUP082322

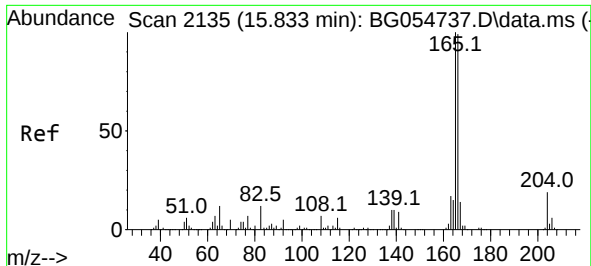
Tgt Ion:154 Resp: 64840
 Ion Ratio Lower Upper
 154 100
 153 42.6 22.2 62.2
 76 14.3 0.0 34.0



#54
 2,4-Dinitrophenol
 Concen: 6.751 ng
 RT: 15.332 min Scan# 2050
 Delta R.T. 0.445 min
 Lab File: BG054770.D
 Acq: 29 Aug 2022 13:10

Tgt Ion:184 Resp: 74
 Ion Ratio Lower Upper
 184 100
 63 207.2 41.8 62.8#
 154 0.0 45.2 67.8#

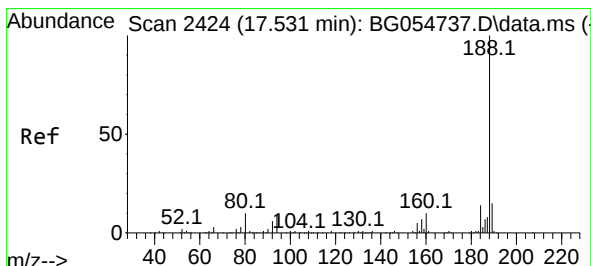
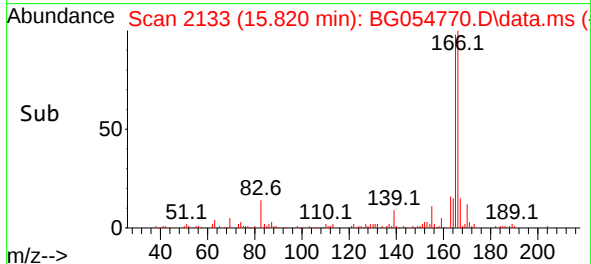
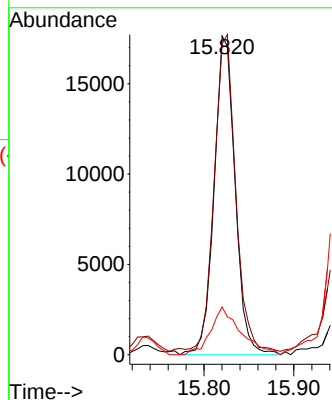
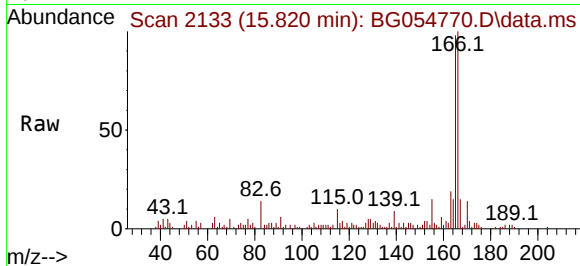




#58
 Fluorene
 Concen: 2.603 ng
 RT: 15.820 min Scan# 2133
 Delta R.T. -0.013 min
 Lab File: BG054770.D
 Acq: 29 Aug 2022 13:10

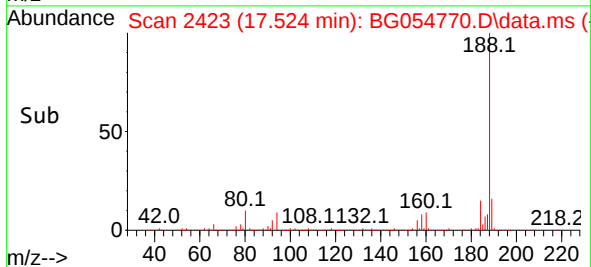
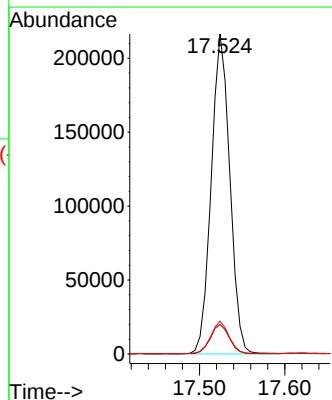
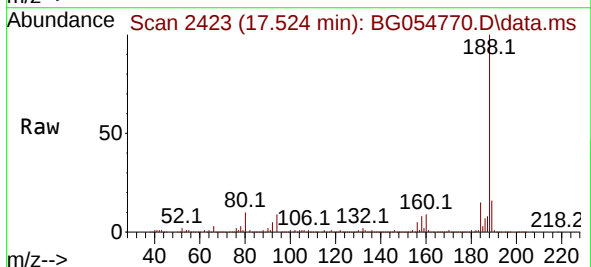
Instrument :
 BNA_G
 ClientSampleId :
 DUP082322

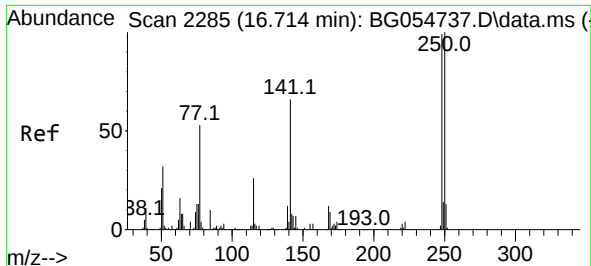
Tgt Ion:166 Resp: 28568
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.8 121.2
 167 14.9 11.4 17.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.524 min Scan# 2423
 Delta R.T. -0.007 min
 Lab File: BG054770.D
 Acq: 29 Aug 2022 13:10

Tgt Ion:188 Resp: 327989
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.0 10.4
 80 10.3 7.9 11.9

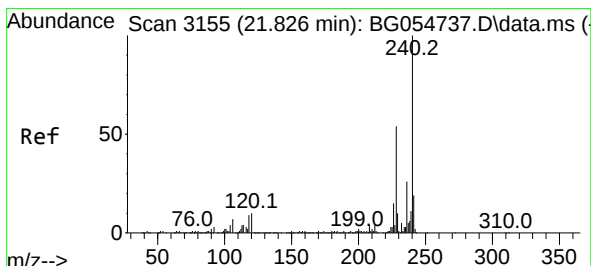
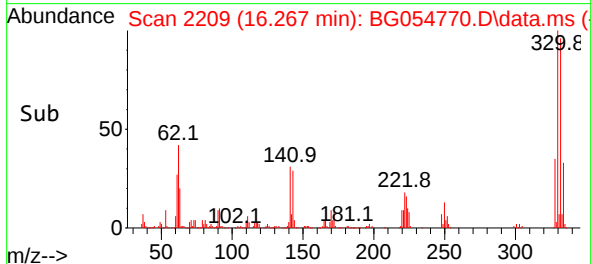
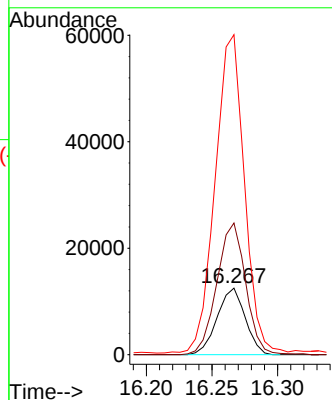
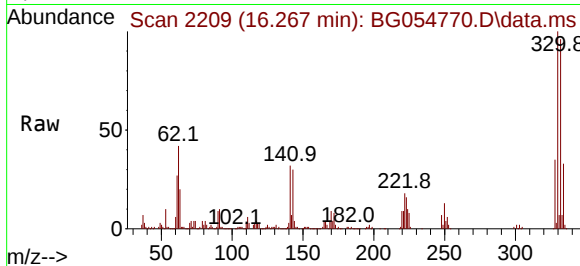




#67
4-Bromophenyl-phenylether
Concen: 5.154 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

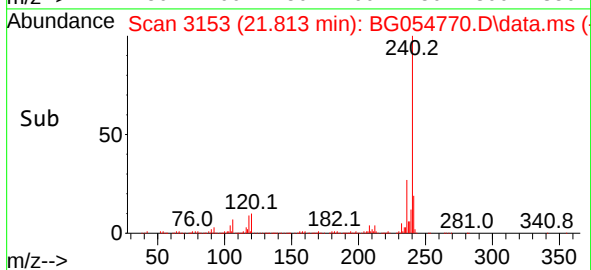
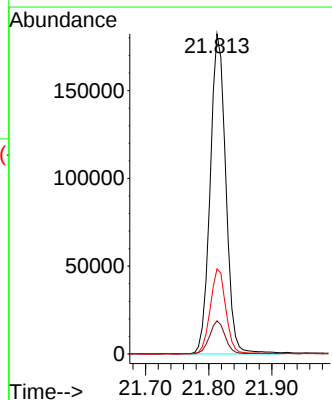
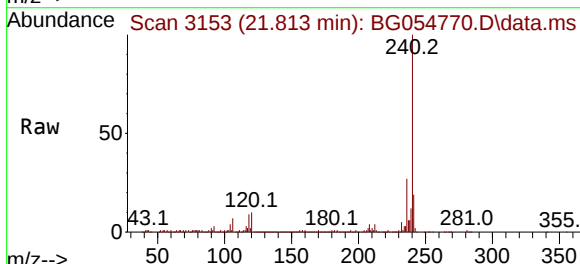
Instrument :
BNA_G
ClientSampleId :
DUP082322

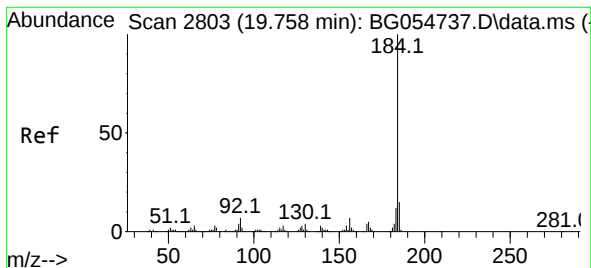
Tgt Ion:248 Resp: 18559
Ion Ratio Lower Upper
248 100
250 197.7 78.8 118.2#
141 480.2 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG054770.D
Acq: 29 Aug 2022 13:10

Tgt Ion:240 Resp: 313751
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.6 21.2 31.8





#77

Benzidine

Concen: 2.429 ng

RT: 20.127 min Scan# 2866

Delta R.T. 0.369 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

Instrument :

BNA_G

ClientSampleId :

DUP082322

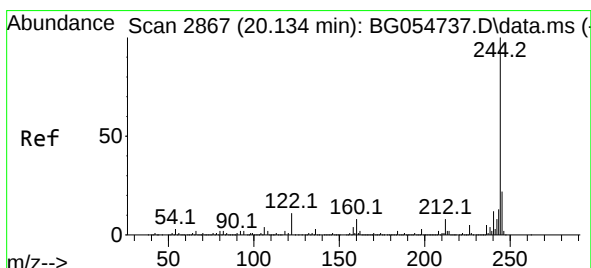
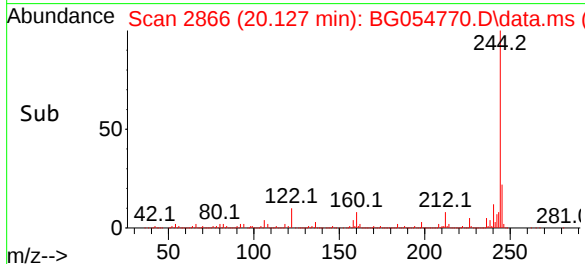
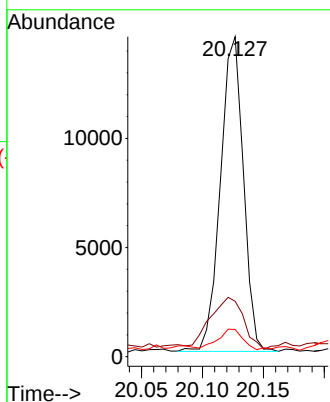
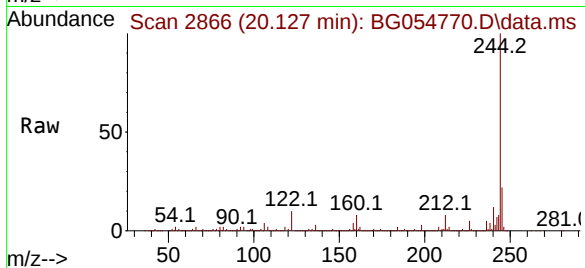
Tgt Ion:184 Resp: 18879

Ion Ratio Lower Upper

184 100

185 17.3 11.4 17.0#

183 8.5 9.8 14.8#



#79

Terphenyl-d14

Concen: 76.854 ng

RT: 20.127 min Scan# 2866

Delta R.T. -0.007 min

Lab File: BG054770.D

Acq: 29 Aug 2022 13:10

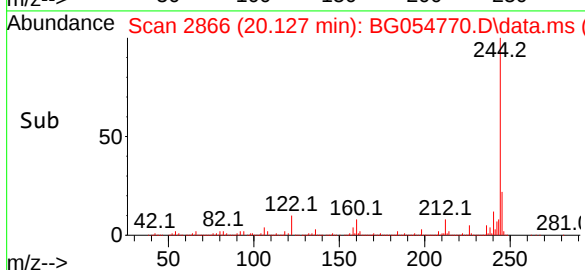
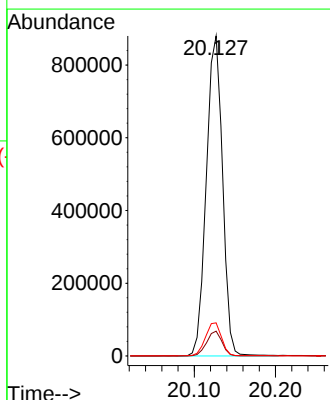
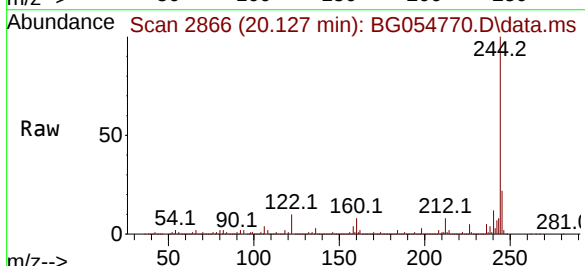
Tgt Ion:244 Resp: 1216975

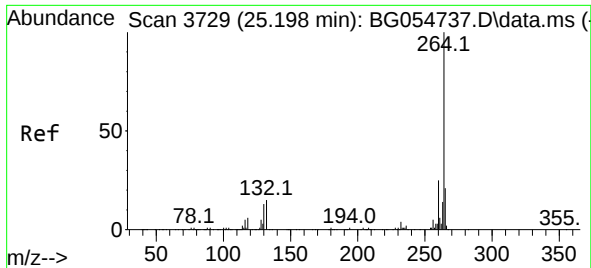
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 10.4 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG054770.D
 Acq: 29 Aug 2022 13:10

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322

Tgt Ion:264 Resp: 330258
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.7 16.9 25.3

