

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050601.D
 Acq On : 15 Oct 2021 13:16
 Operator : CG/JU
 Sample : PB139849BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139849BL

Quant Time: Oct 15 15:06:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

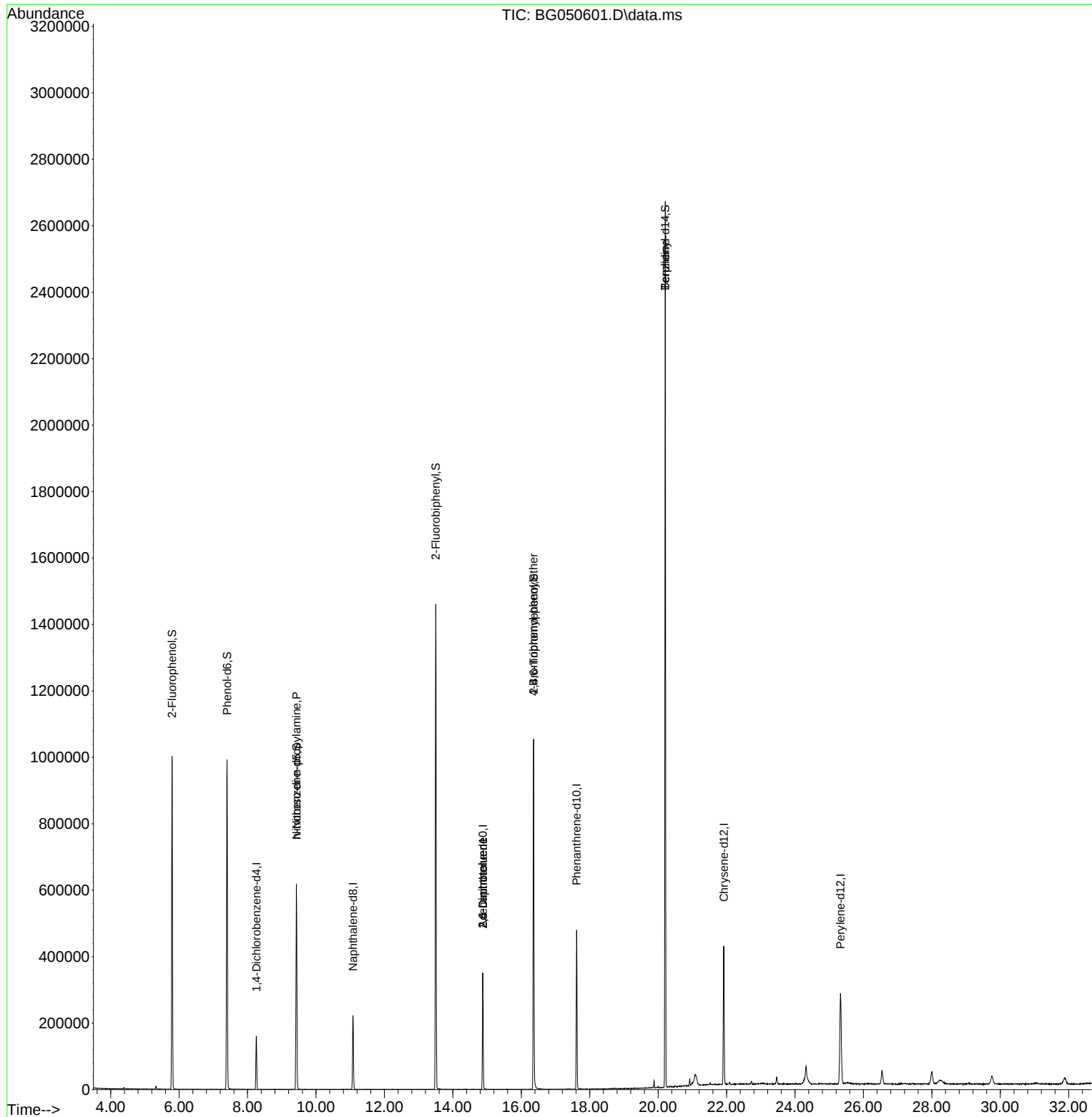
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	43838	20.000	ng	# 0.00
21) Naphthalene-d8	11.079	136	185005	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	124962	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	292048	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	257977	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	251809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	417932	142.578	ng	0.00
7) Phenol-d6	7.401	99	552481	130.181	ng	0.00
23) Nitrobenzene-d5	9.428	82	396056	88.620	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	162253	136.128	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	734002	88.403	ng	0.00
79) Terphenyl-d14	20.210	244	1172788	88.595	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.407	77	1221	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	55258	17.864	ng	# 72
51) 2,6-Dinitrotoluene	14.875	165	16062	8.490	ng	# 11
57) 2,4-Dinitrotoluene	14.875	165	16062	6.023	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	13380	4.547	ng	# 1
77) Benzidine	20.210	184	23215	2.776	ng	96

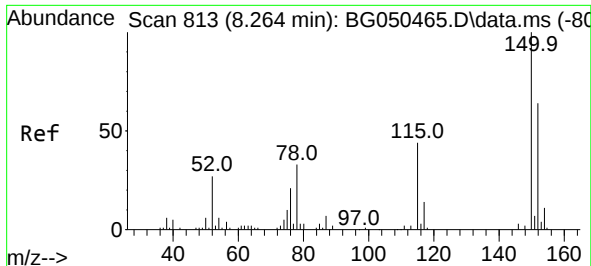
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
Data File : BG050601.D
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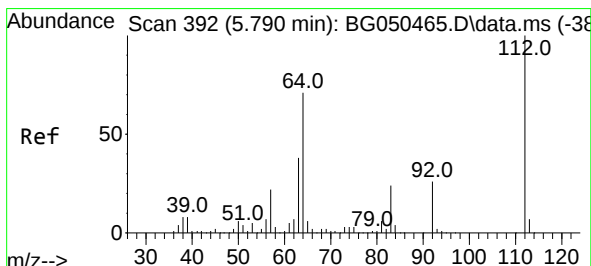
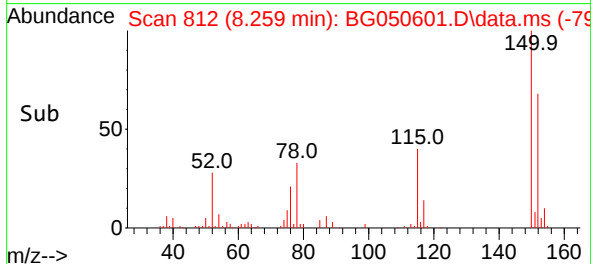
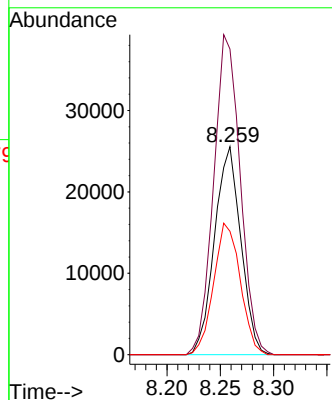
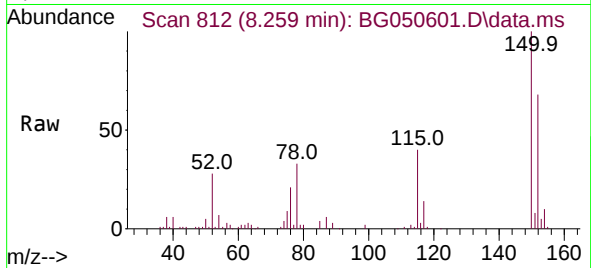




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

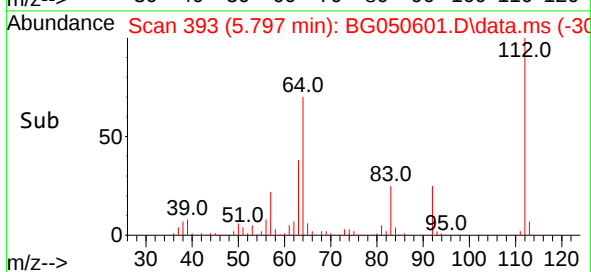
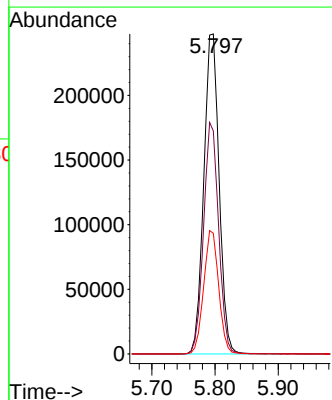
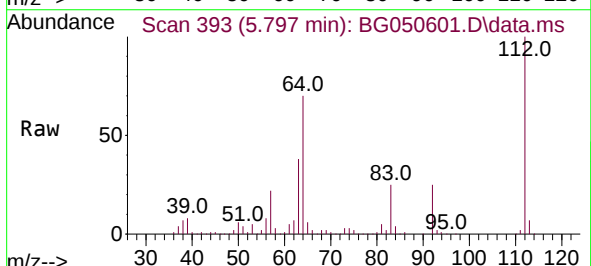
Instrument :
BNA_G
ClientSampleId :
PB139849BL

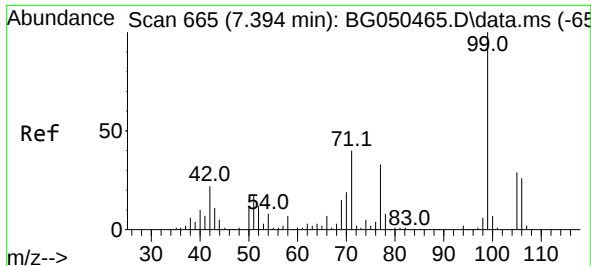
Tgt Ion:152 Resp: 43838
Ion Ratio Lower Upper
152 100
150 146.9 119.4 179.0
115 59.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 142.578 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion:112 Resp: 417932
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 37.7 35.3 52.9

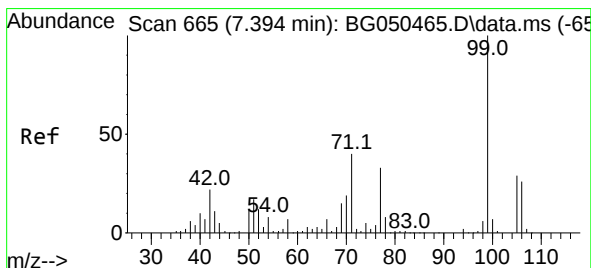
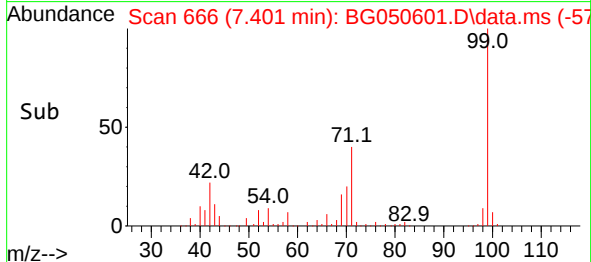
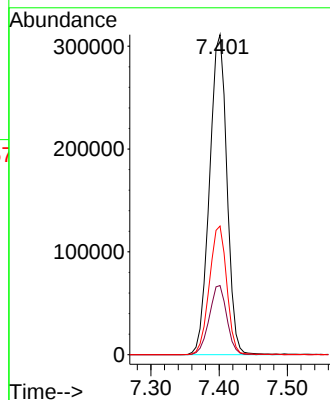
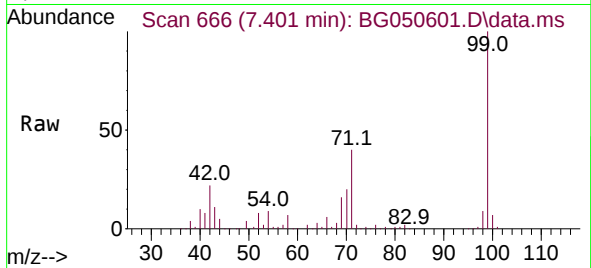




#7
Phenol-d6
Concen: 130.181 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

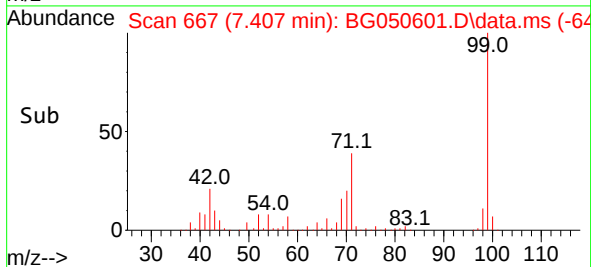
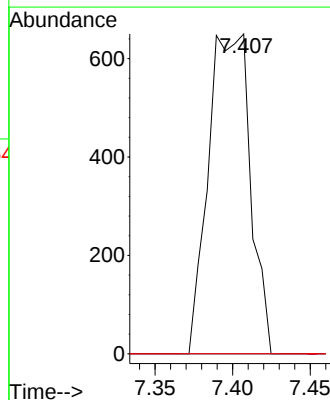
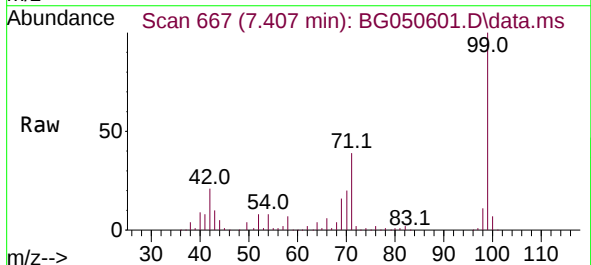
Instrument :
BNA_G
ClientSampleId :
PB139849BL

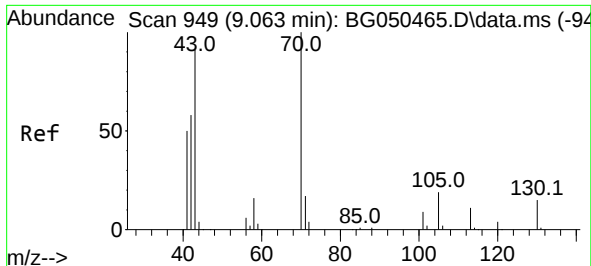
Tgt Ion: 99 Resp: 552481
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.407 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion: 77 Resp: 1221
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

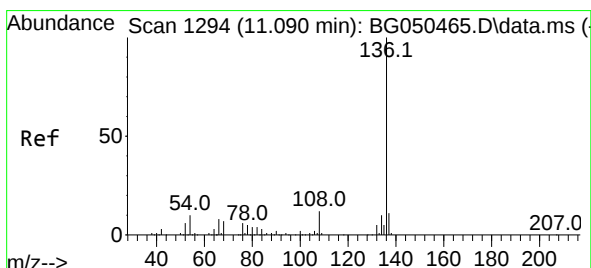
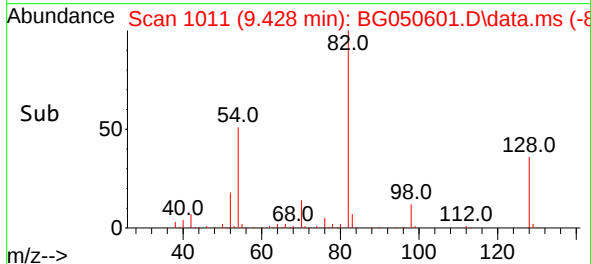
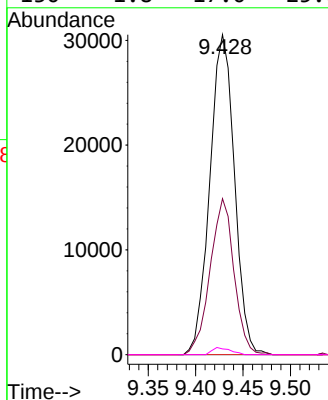
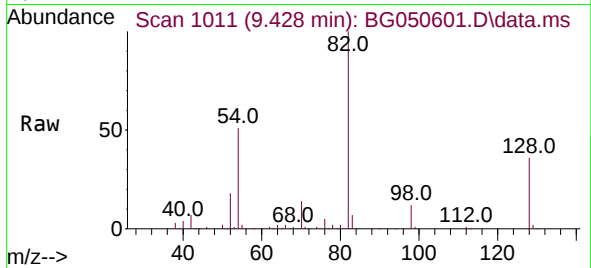




#19
n-Nitroso-di-n-propylamine
Concen: 17.864 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.371 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

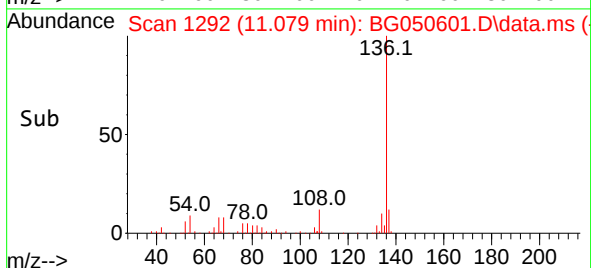
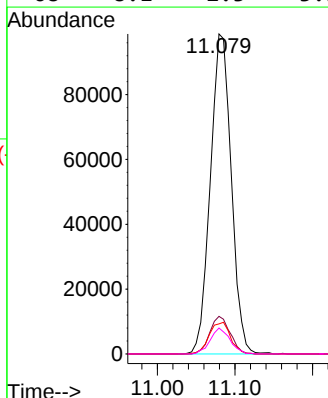
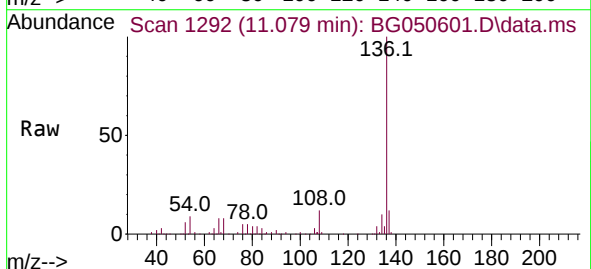
Instrument :
BNA_G
ClientSampleId :
PB139849BL

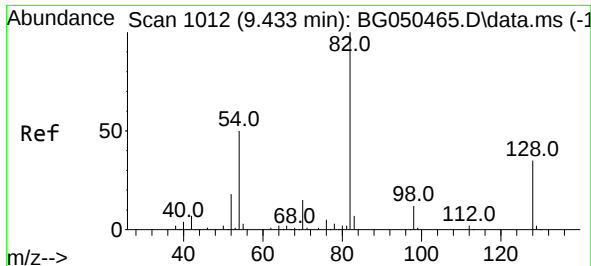
Tgt Ion: 70 Resp: 55258
Ion Ratio Lower Upper
70 100
42 48.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion: 136 Resp: 185005
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 9.4 5.5 8.3#
68 8.1 2.3 3.5#

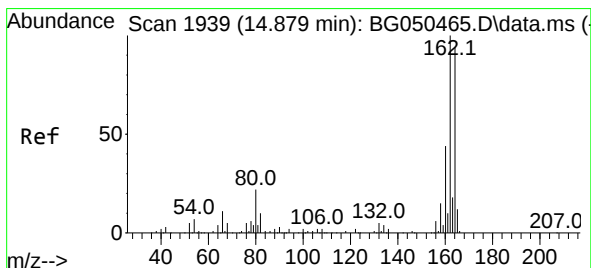
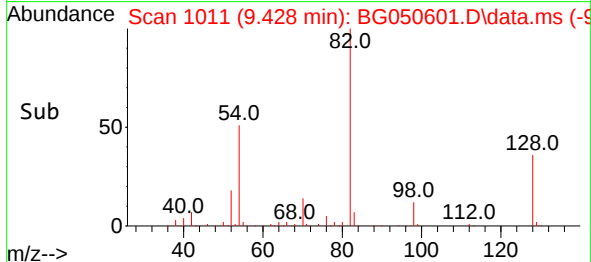
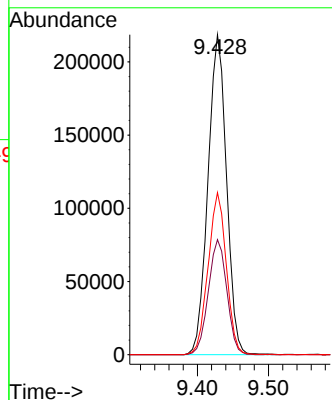
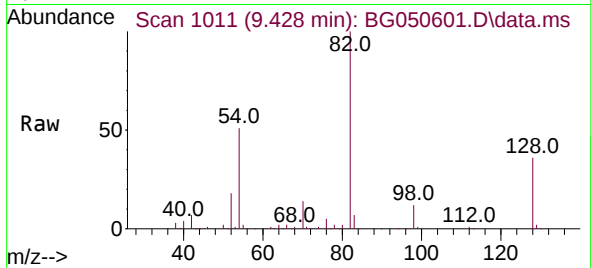




#23
Nitrobenzene-d5
Concen: 88.620 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

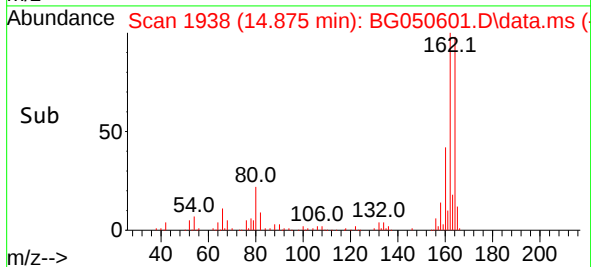
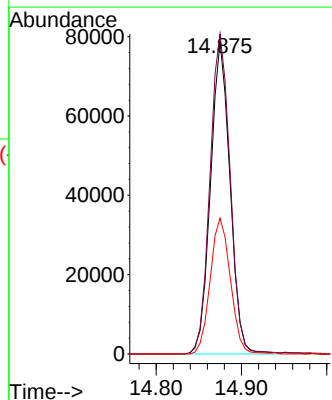
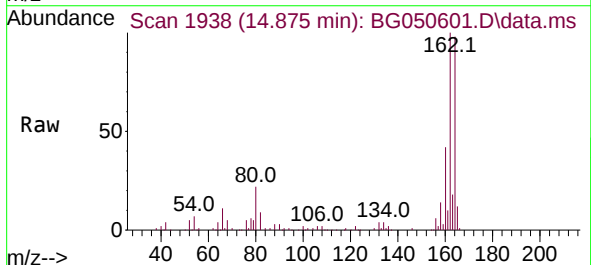
Instrument :
BNA_G
ClientSampleId :
PB139849BL

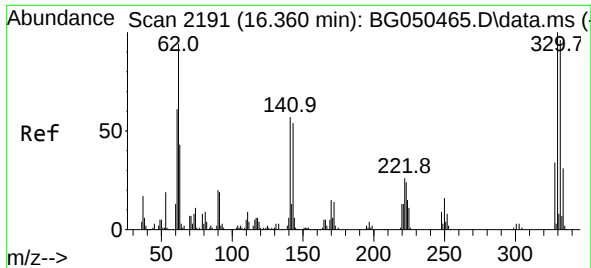
Tgt Ion: 82 Resp: 396056
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 50.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion:164 Resp: 124962
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 43.4 34.9 52.3

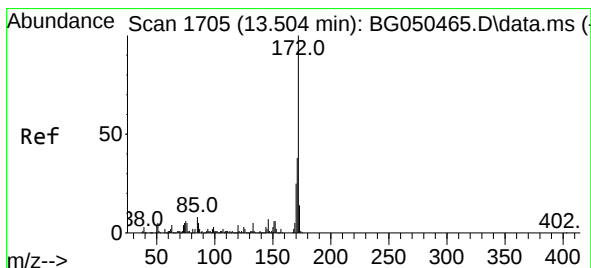
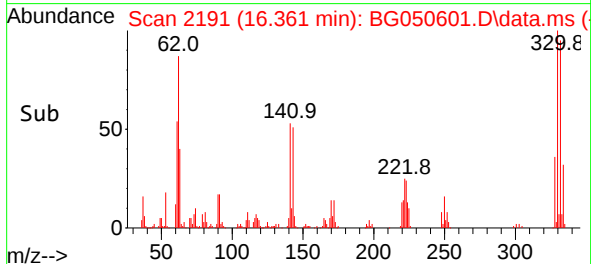
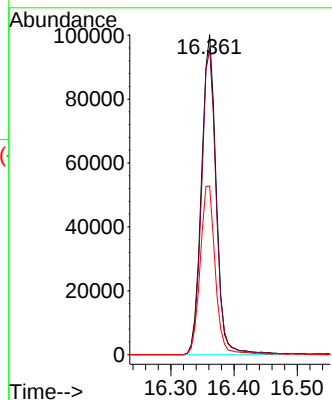
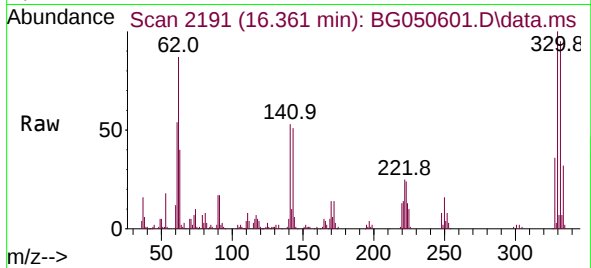




#42
2,4,6-Tribromophenol
Concen: 136.128 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

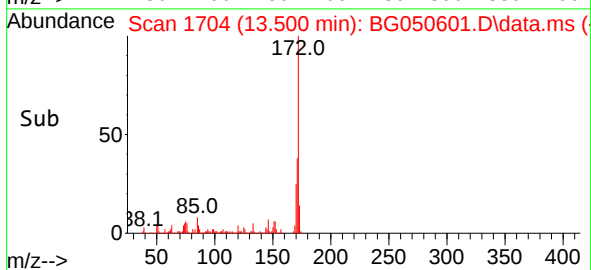
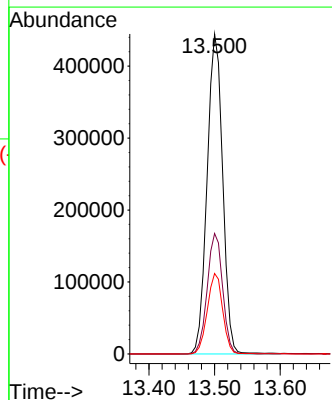
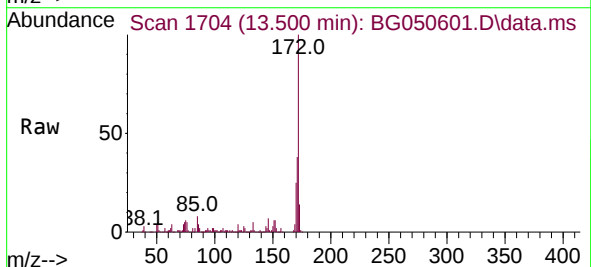
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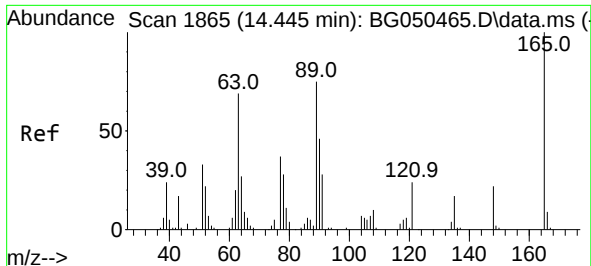
Tgt Ion:330 Resp: 162253
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 88.403 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion:172 Resp: 734002
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.1 18.6 27.8

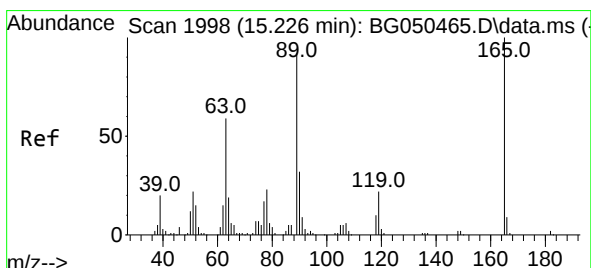
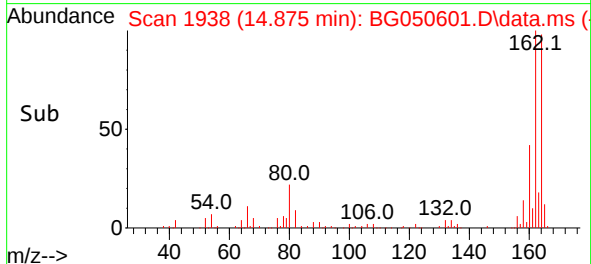
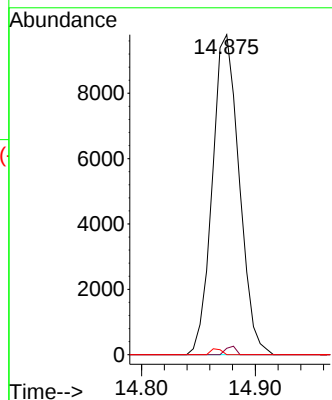
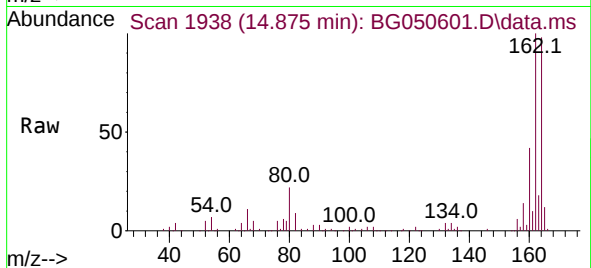




#51
2,6-Dinitrotoluene
Concen: 8.490 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

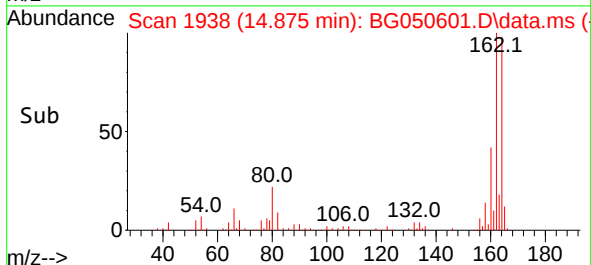
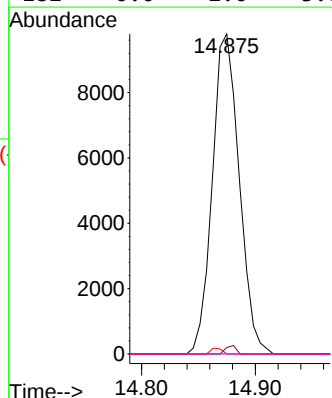
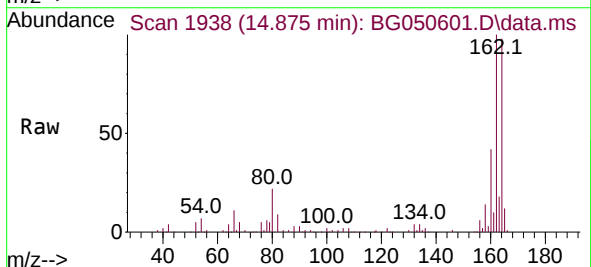
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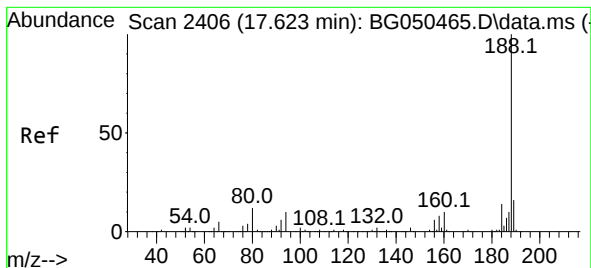
Tgt Ion:165 Resp: 16062
Ion Ratio Lower Upper
165 100
63 2.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.023 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion:165 Resp: 16062
Ion Ratio Lower Upper
165 100
63 2.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

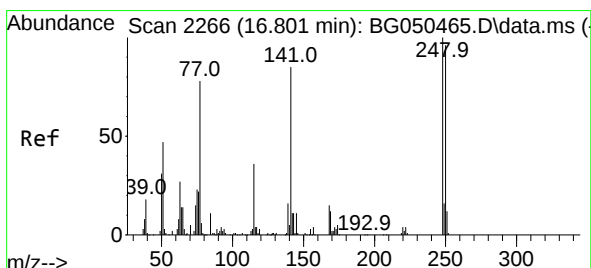
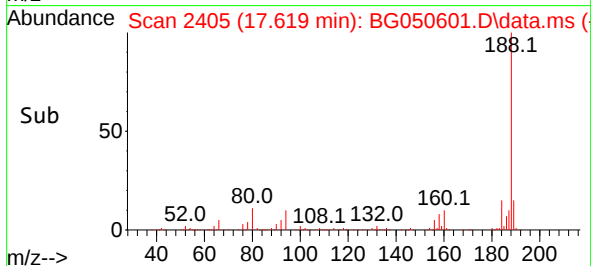
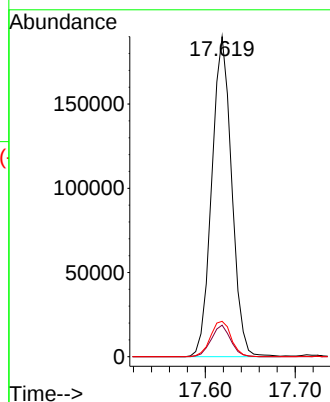
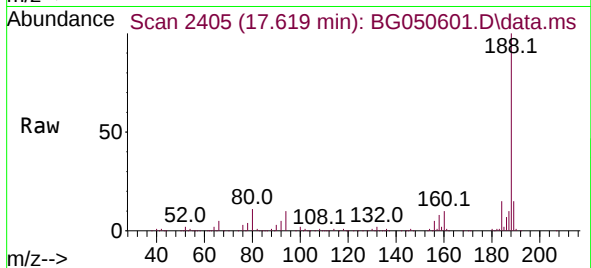




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. 0.001 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

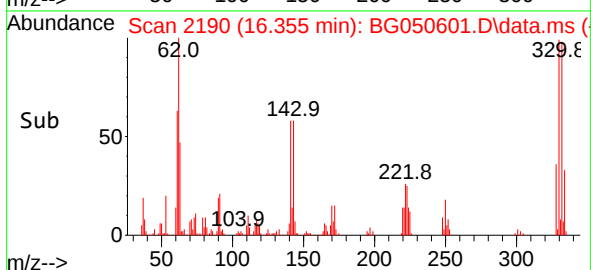
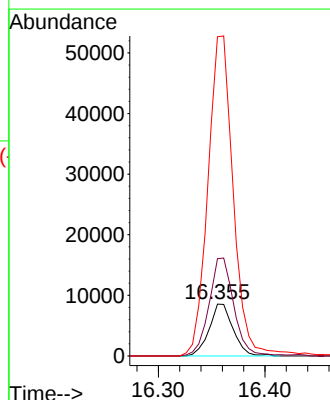
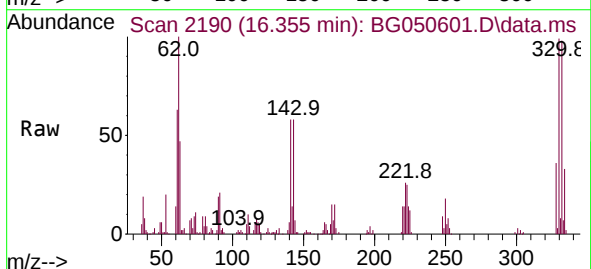
Instrument :
BNA_G
ClientSampleId :
PB139849BL

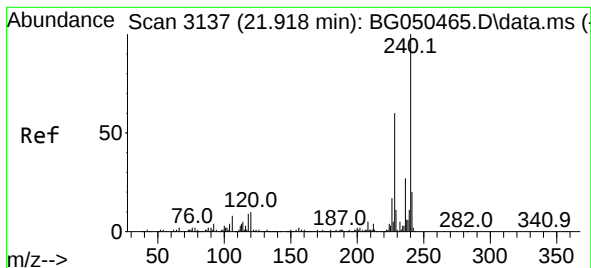
Tgt Ion:188 Resp: 292048
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 11.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050601.D
Acq: 15 Oct 2021 13:16

Tgt Ion:248 Resp: 13380
Ion Ratio Lower Upper
248 100
250 187.5 76.1 114.1#
141 614.8 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.920 min Scan# 3137

Delta R.T. -0.005 min

Lab File: BG050601.D

Acq: 15 Oct 2021 13:16

Tgt Ion:240 Resp: 257977

Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

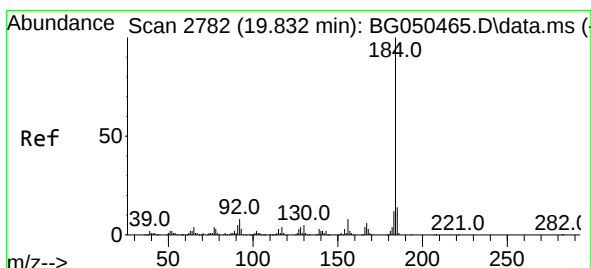
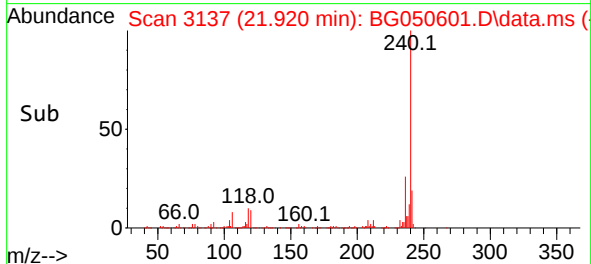
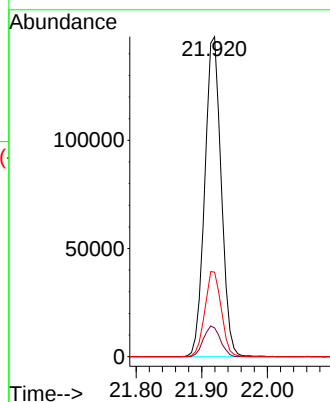
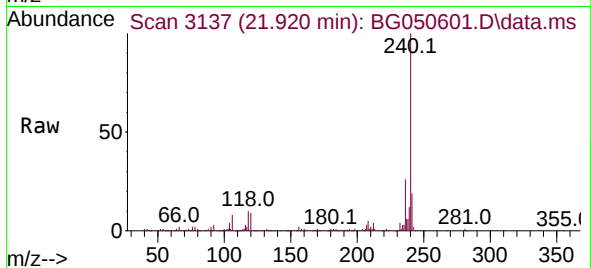
236 26.4 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB139849BL



#77

Benzidine

Concen: 2.776 ng

RT: 20.210 min Scan# 2846

Delta R.T. 0.377 min

Lab File: BG050601.D

Acq: 15 Oct 2021 13:16

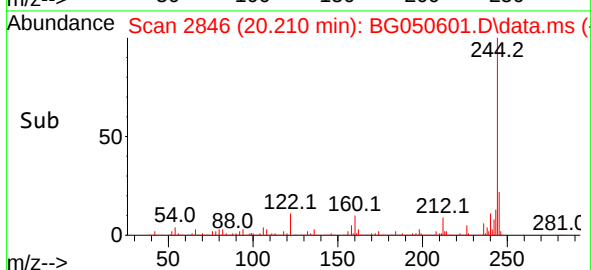
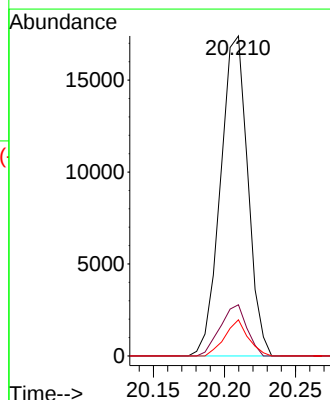
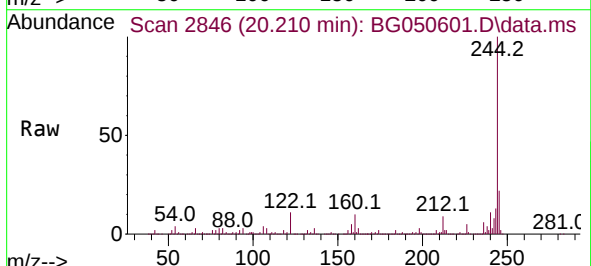
Tgt Ion:184 Resp: 23215

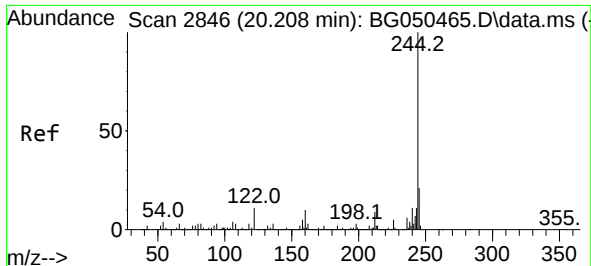
Ion Ratio Lower Upper

184 100

185 16.0 10.7 16.1

183 11.3 9.4 14.0

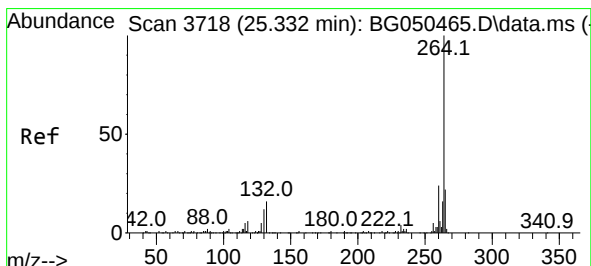
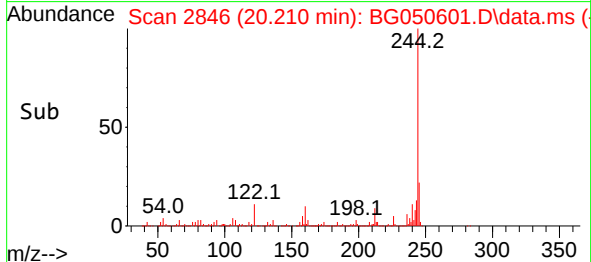
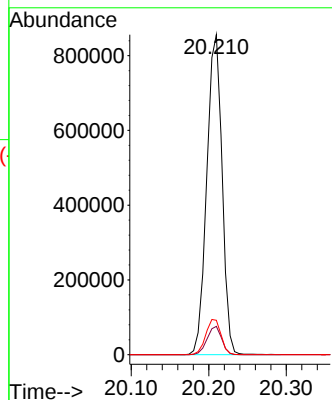
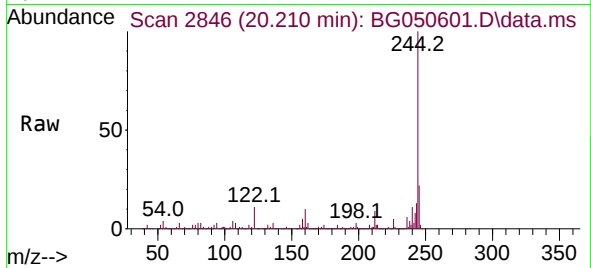




#79
 Terphenyl-d14
 Concen: 88.595 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050601.D
 Acq: 15 Oct 2021 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB139849BL

Tgt Ion:244 Resp: 1172788
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 10.7 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050601.D
 Acq: 15 Oct 2021 13:16

Tgt Ion:264 Resp: 251809
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.4 29.2
 265 23.0 16.9 25.3

