

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050709.D
 Acq On : 25 Oct 2021 13:49
 Operator : CG/JU
 Sample : PB140130BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140130BL

Quant Time: Oct 25 15:04:20 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)

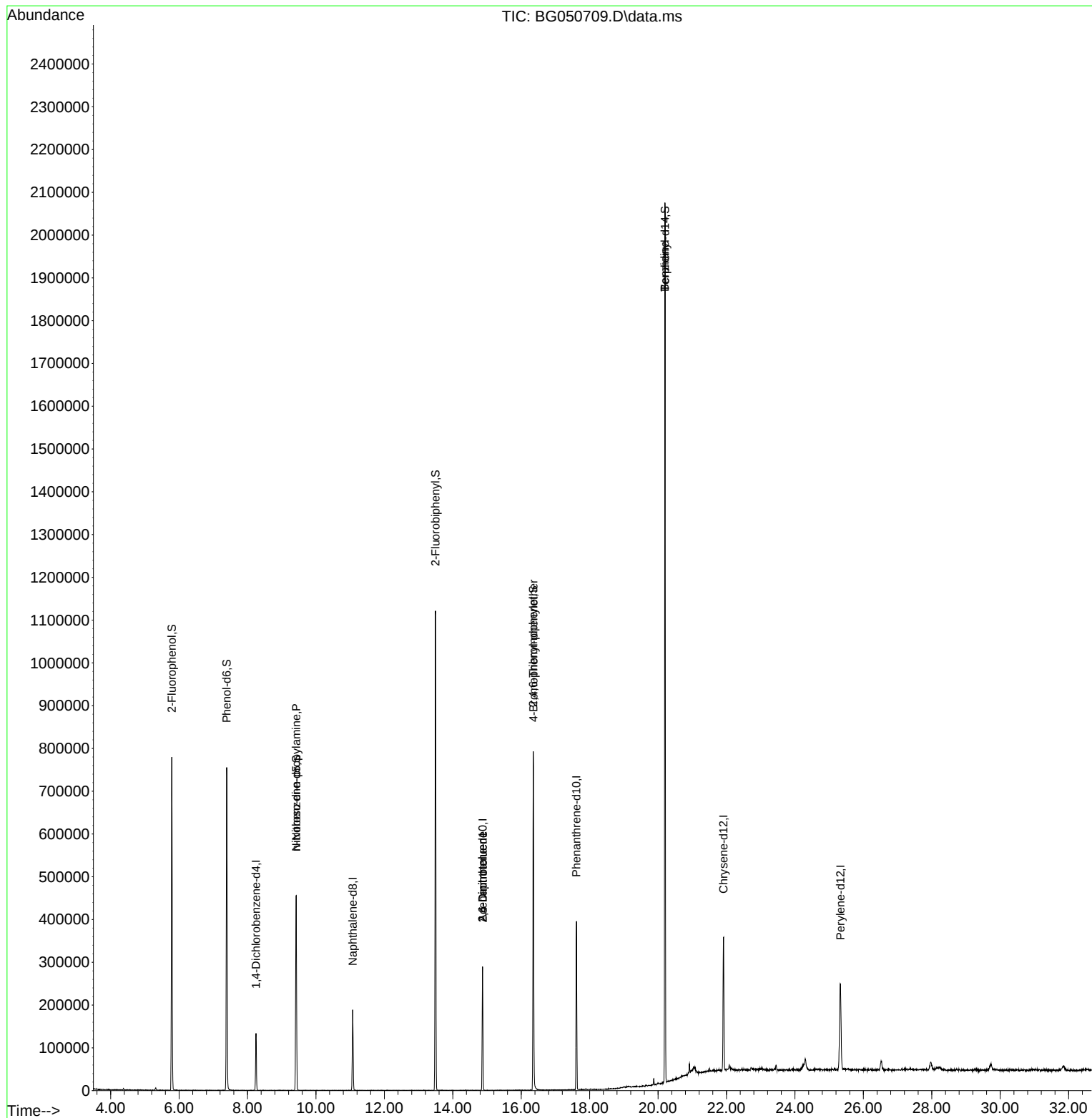
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	35229	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	155234	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	102208	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	235973	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	197572	20.000	ng	#-0.01
86) Perylene-d12	25.329	264	191015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	320702	136.144	ng	0.00
7) Phenol-d6	7.392	99	429530	125.943	ng	0.00
23) Nitrobenzene-d5	9.425	82	302048	80.546	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	122585	125.743	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	573126	84.394	ng	0.00
79) Terphenyl-d14	20.206	244	923749	91.117	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.386	77	790	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.425	70	42954	17.280	ng	# 69
51) 2,6-Dinitrotoluene	14.871	165	13198	8.529	ng	# 11
57) 2,4-Dinitrotoluene	14.871	165	13198	6.051	ng	# 16
67) 4-Bromophenyl-phenylether	16.358	248	9954	4.186	ng	# 1
77) Benzidine	20.200	184	17754	2.773	ng	# 89

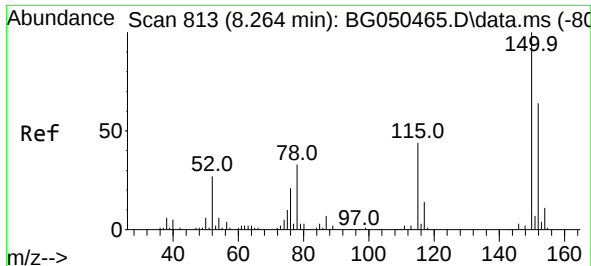
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 14 10:56:22 2021
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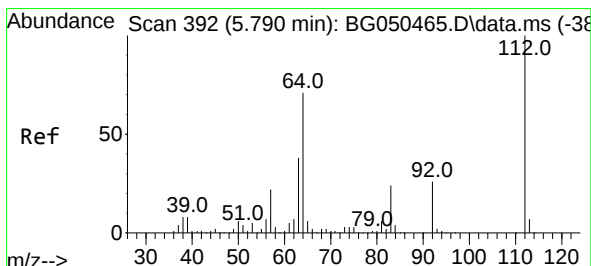
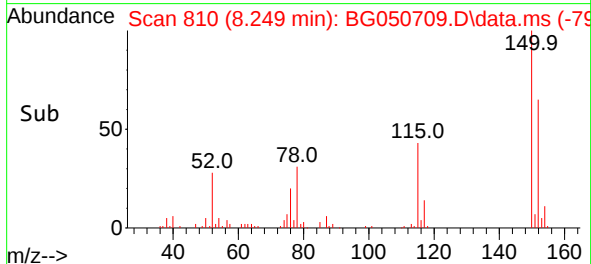
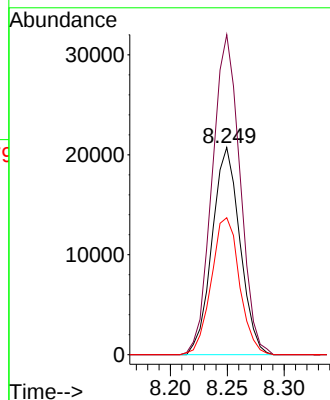
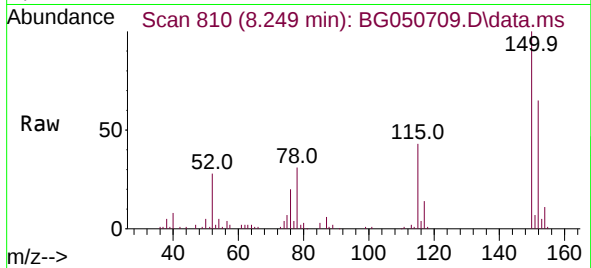




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

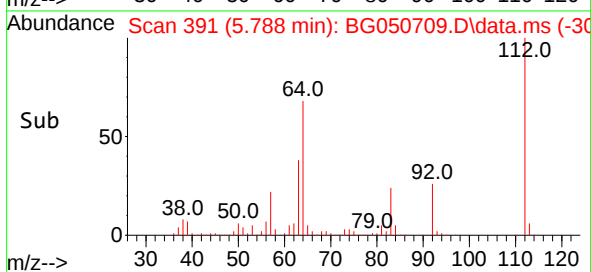
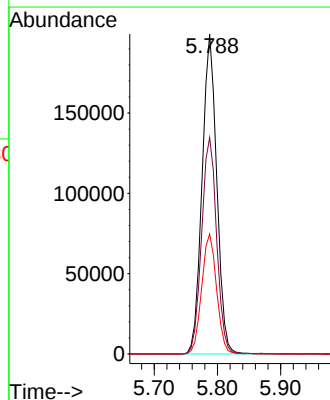
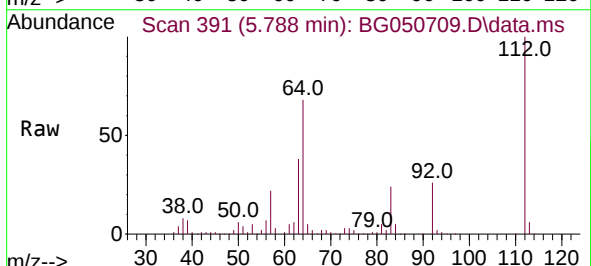
Instrument :
BNA_G
ClientSampleId :
PB140130BL

Tgt Ion:152 Resp: 35229
Ion Ratio Lower Upper
152 100
150 154.5 119.4 179.0
115 66.1 60.2 90.4



#5
2-Fluorophenol
Concen: 136.144 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:112 Resp: 320702
Ion Ratio Lower Upper
112 100
64 67.6 46.7 70.1
63 37.5 35.3 52.9

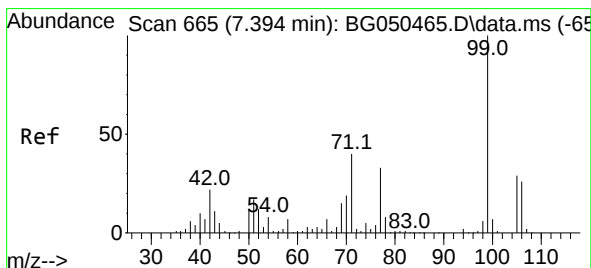
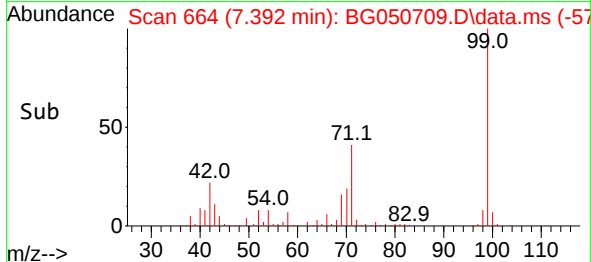
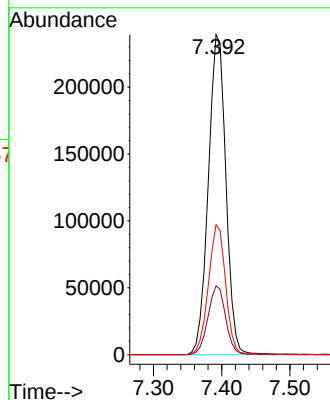
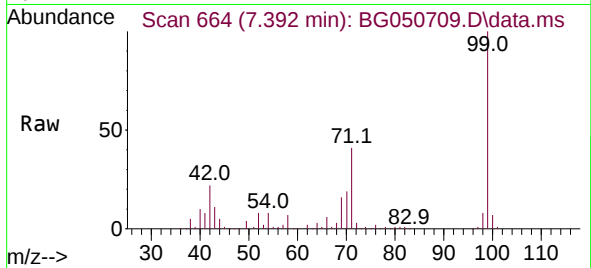




#7
Phenol-d6
Concen: 125.943 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

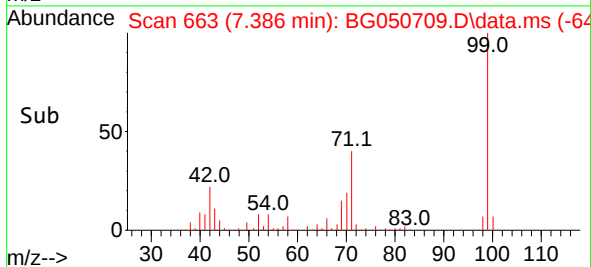
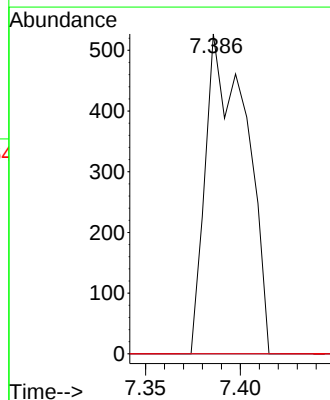
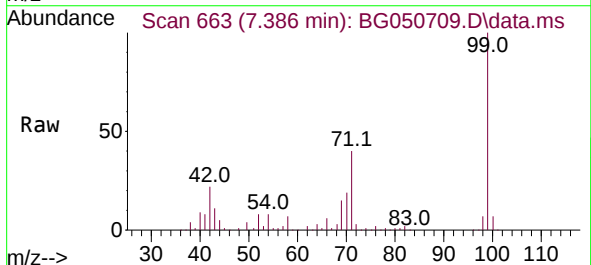
Instrument :
BNA_G
ClientSampleId :
PB140130BL

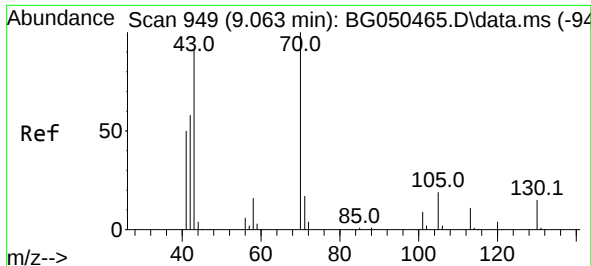
Tgt Ion: 99 Resp: 429530
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 40.6 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion: 77 Resp: 790
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

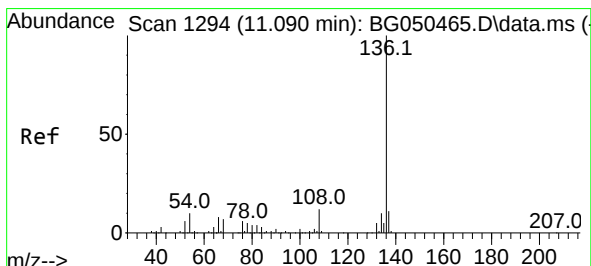
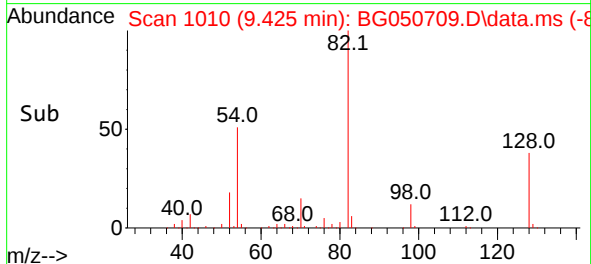
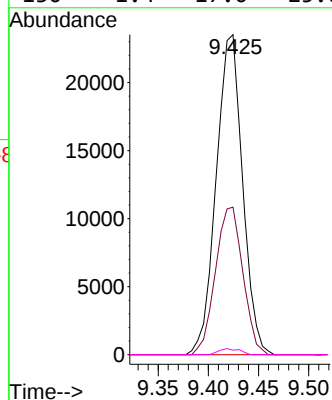
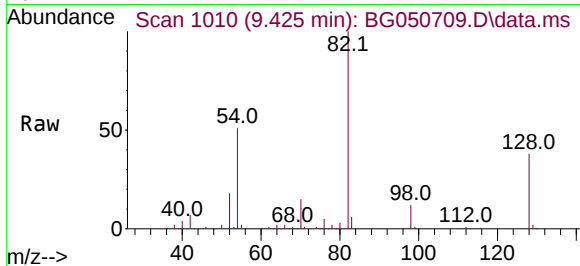




#19
n-Nitroso-di-n-propylamine
Concen: 17.280 ng
RT: 9.425 min Scan# 1010
Delta R.T. 0.367 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

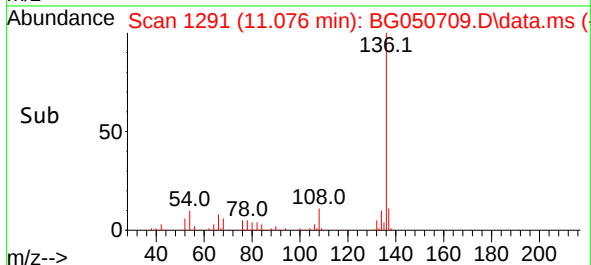
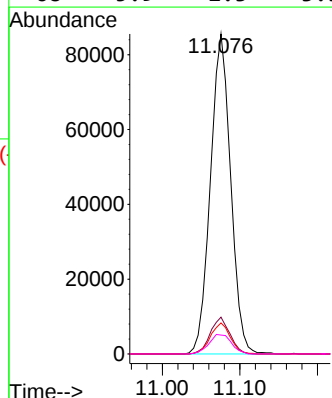
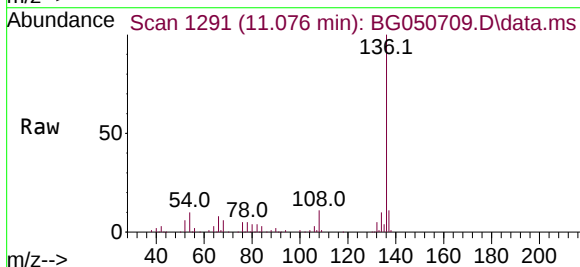
Instrument :
BNA_G
ClientSampleId :
PB140130BL

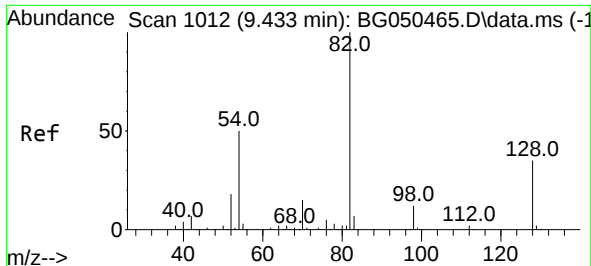
Tgt Ion: 70 Resp: 42954
Ion Ratio Lower Upper
70 100
42 46.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:136 Resp: 155234
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.7 5.5 8.3#
68 5.9 2.3 3.5#

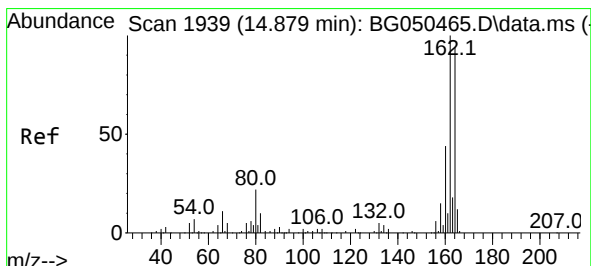
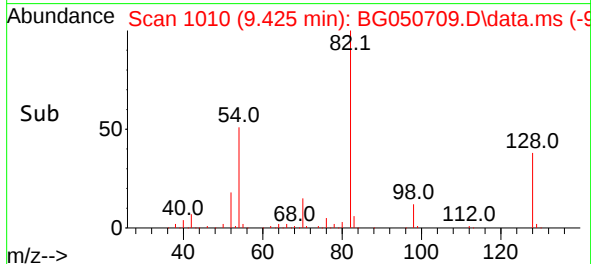
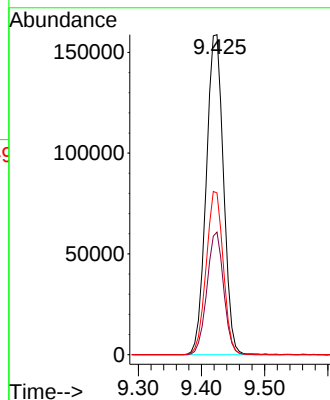
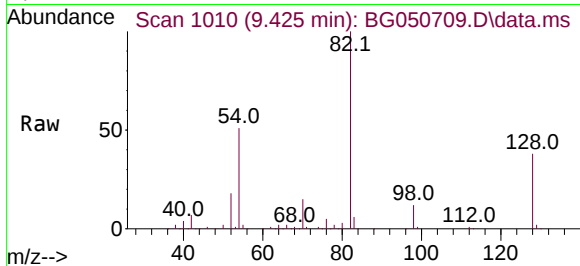




#23
Nitrobenzene-d5
Concen: 80.546 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

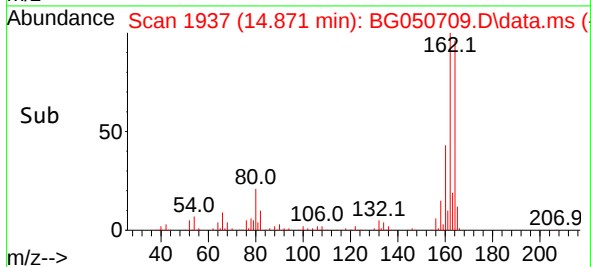
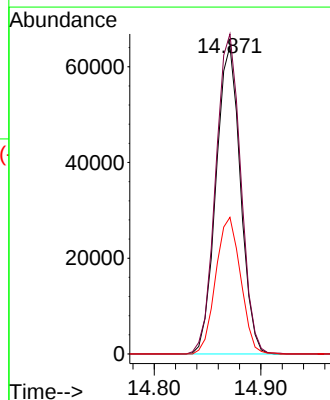
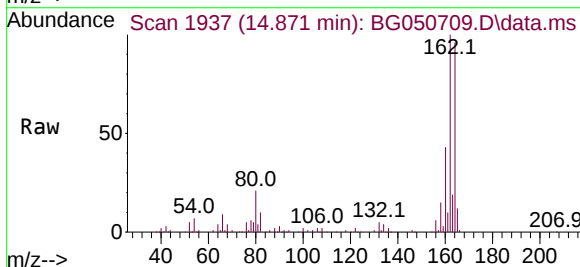
Instrument :
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ClientSampleId :
PB140130BL

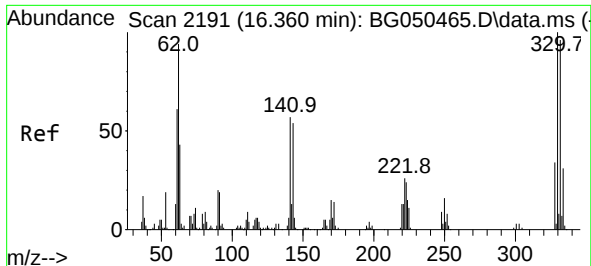
Tgt Ion: 82 Resp: 302048
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 50.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:164 Resp: 102208
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 44.4 34.9 52.3

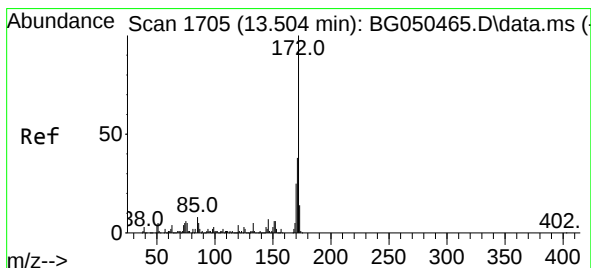
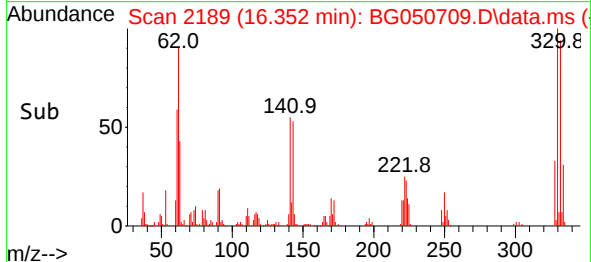
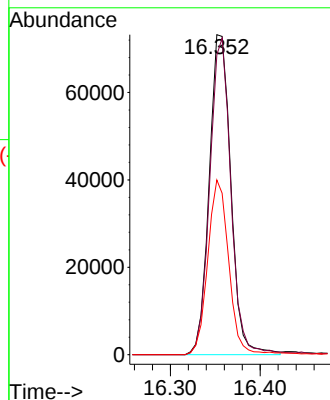
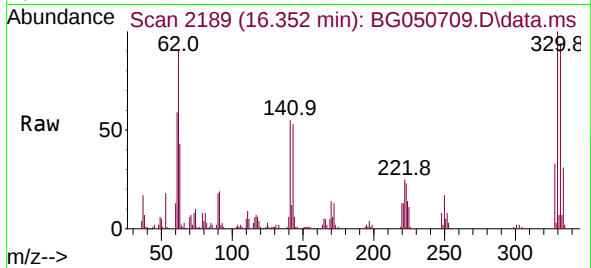




#42
2,4,6-Tribromophenol
Concen: 125.743 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

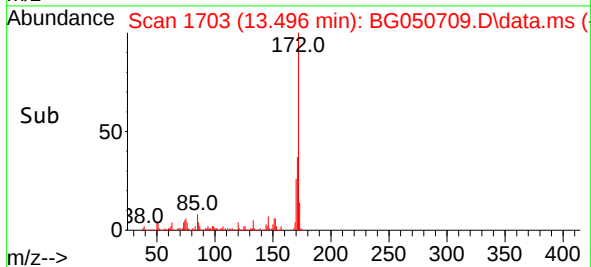
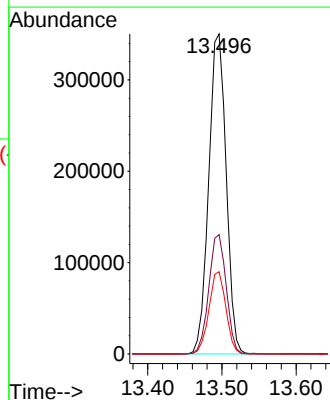
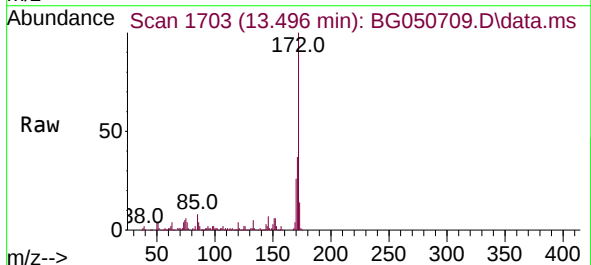
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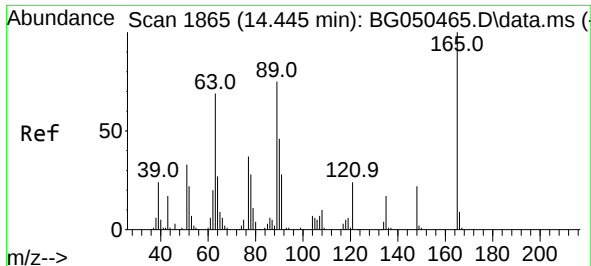
Tgt Ion:330 Resp: 122585
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 53.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 84.394 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:172 Resp: 573126
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.7 18.6 27.8

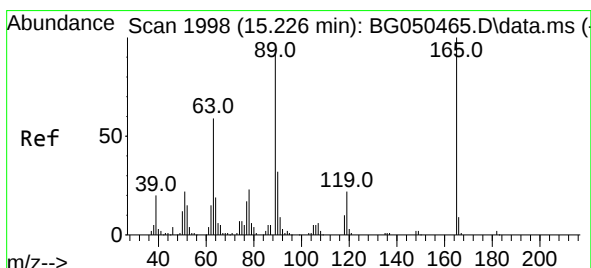
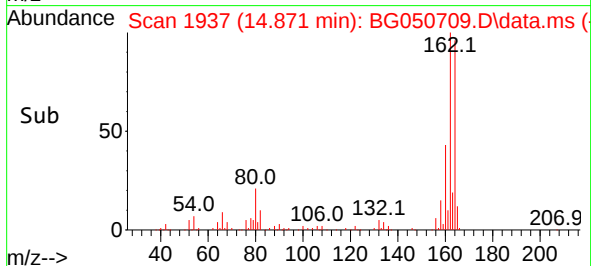
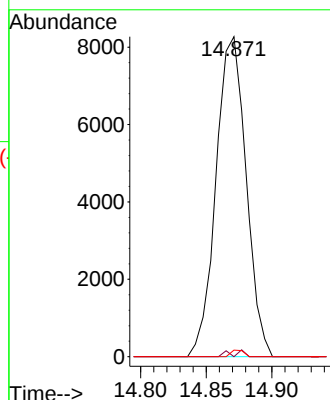
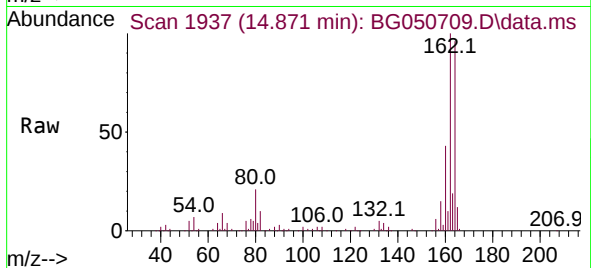




#51
2,6-Dinitrotoluene
Concen: 8.529 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

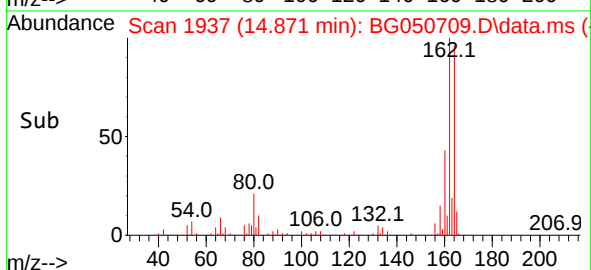
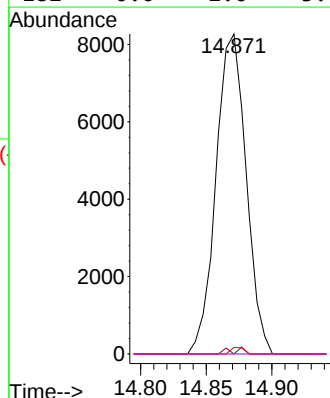
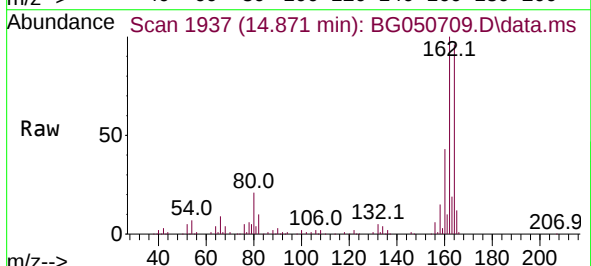
Instrument :
BNA_G
ClientSampleId :
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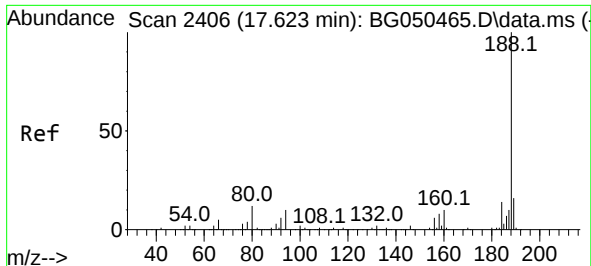
Tgt Ion:165 Resp: 13198
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.051 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:165 Resp: 13198
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

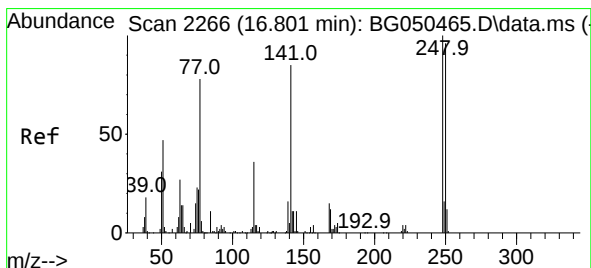
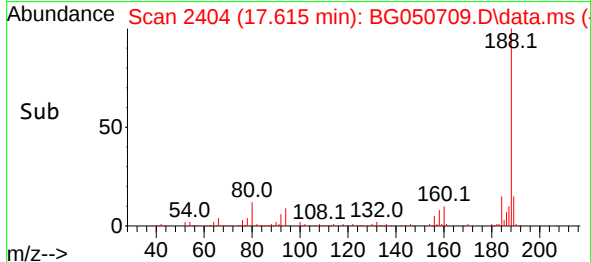
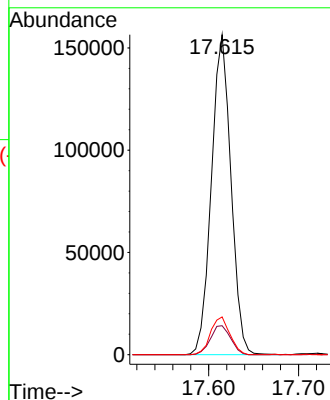
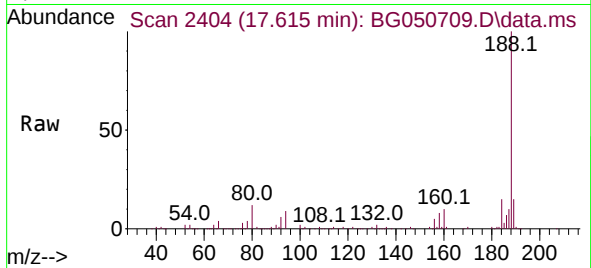




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

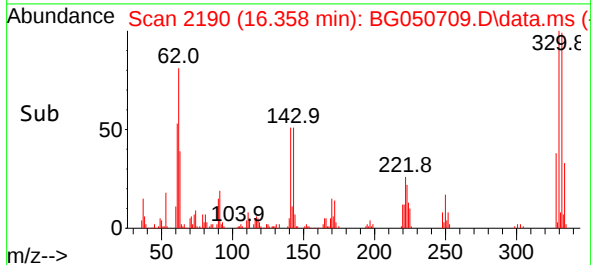
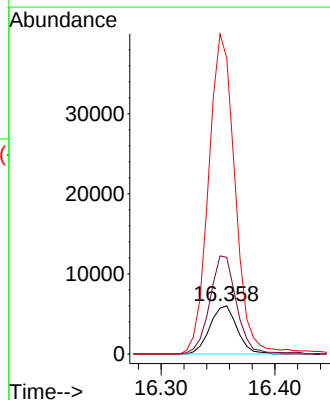
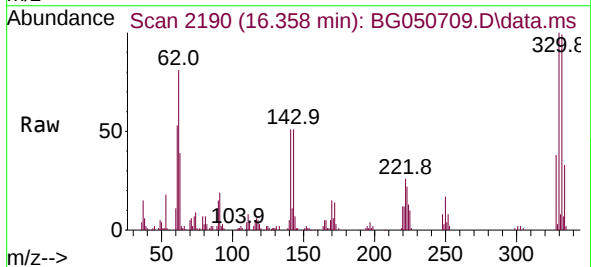
Instrument :
BNA_G
ClientSampleId :
PB140130BL

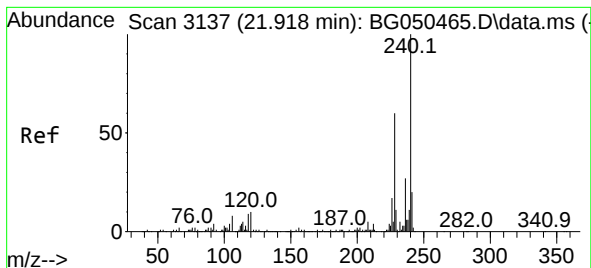
Tgt Ion:188 Resp: 235973
Ion Ratio Lower Upper
188 100
94 9.0 5.4 8.0#
80 11.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.186 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:248 Resp: 9954
Ion Ratio Lower Upper
248 100
250 200.7 76.1 114.1#
141 615.0 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.910 min Scan# 3135

Delta R.T. -0.015 min

Lab File: BG050709.D

Acq: 25 Oct 2021 13:49

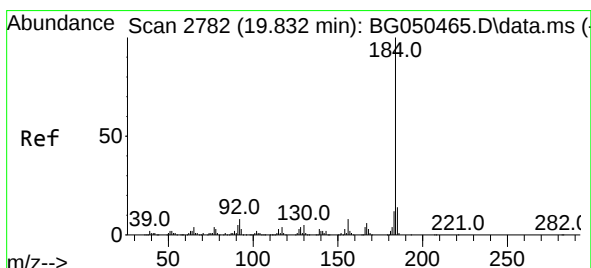
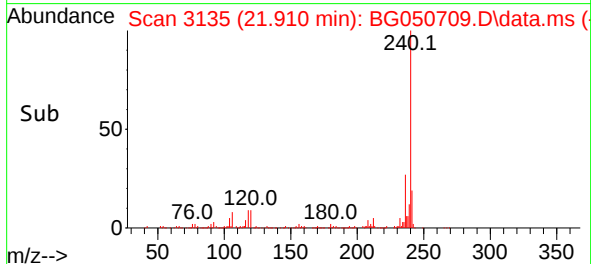
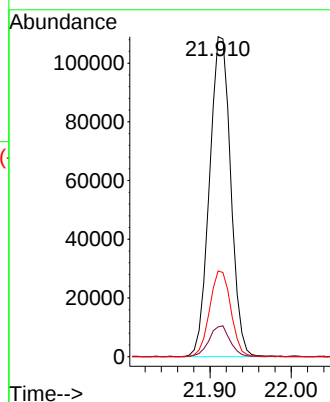
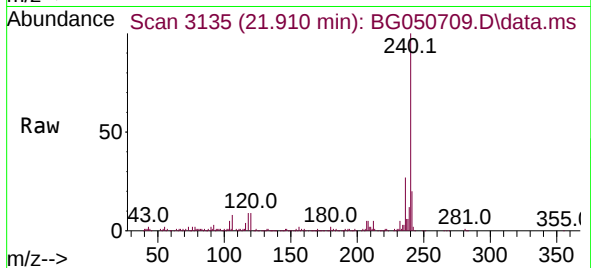
Tgt Ion:240 Resp: 197572

Ion Ratio Lower Upper

240 100

120 9.3 4.2 6.2#

236 26.8 21.8 32.6



#77

Benzidine

Concen: 2.773 ng

RT: 20.200 min Scan# 2844

Delta R.T. 0.367 min

Lab File: BG050709.D

Acq: 25 Oct 2021 13:49

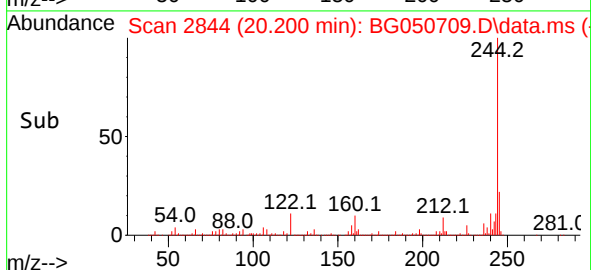
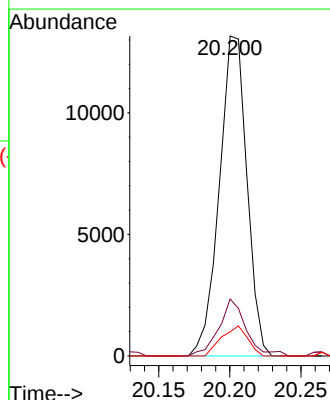
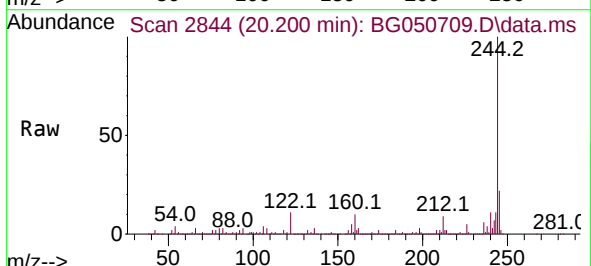
Tgt Ion:184 Resp: 17754

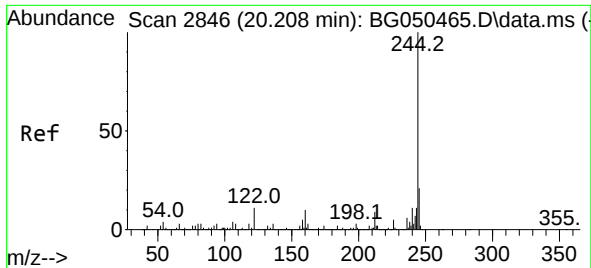
Ion Ratio Lower Upper

184 100

185 17.8 10.7 16.1#

183 7.5 9.4 14.0#

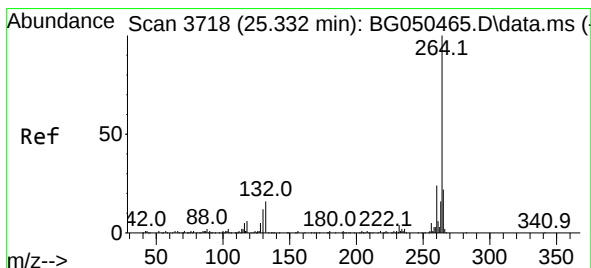
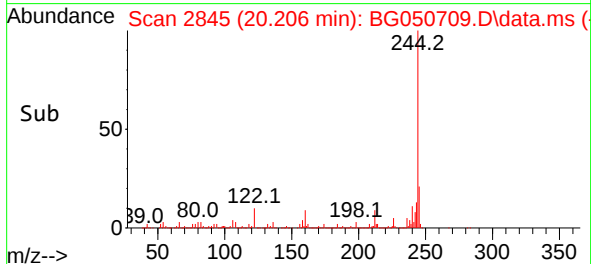
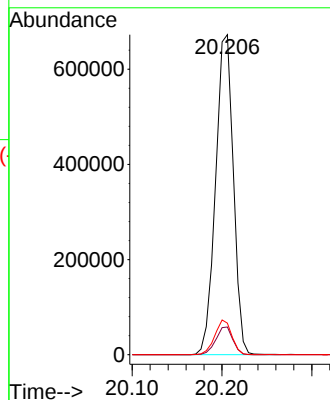
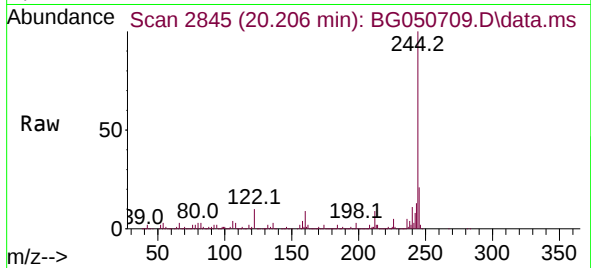




#79
Terphenyl-d14
Concen: 91.117 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Instrument :
BNA_G
ClientSampleId :
PB140130BL

Tgt Ion:244 Resp: 923749
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 9.9 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.329 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG050709.D
Acq: 25 Oct 2021 13:49

Tgt Ion:264 Resp: 191015
Ion Ratio Lower Upper
264 100
260 26.0 19.4 29.2
265 21.4 16.9 25.3

