

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050535.D
 Acq On : 11 Oct 2021 13:42
 Operator : CG/JU
 Sample : M4144-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-COMP-100721RE

Quant Time: Oct 11 14:19:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

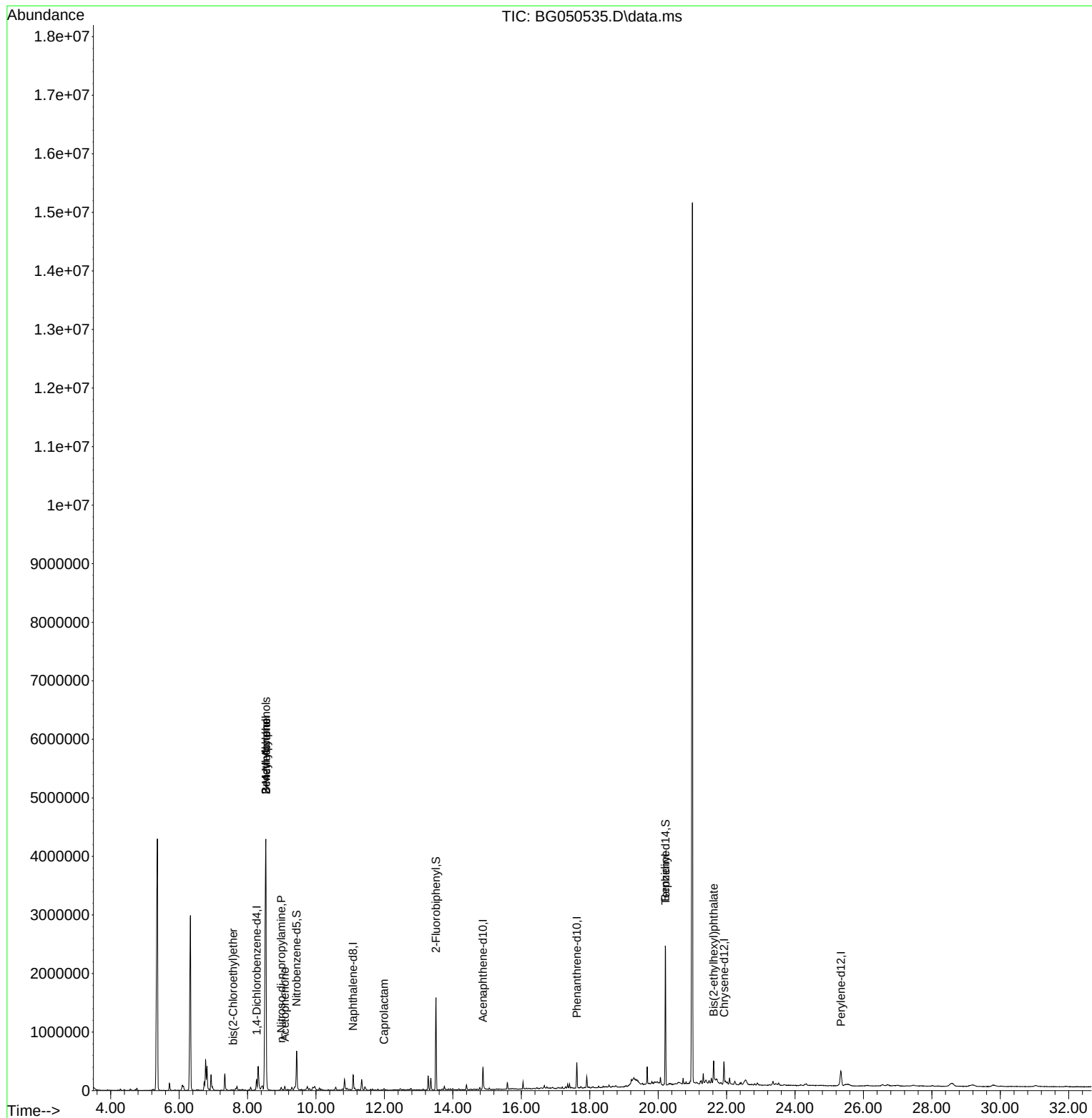
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	49011	20.000	ng	# 0.00
21) Naphthalene-d8	11.085	136	201383	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	128325	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	260041	20.000	ng	# 0.00
76) Chrysene-d12	21.925	240	238171	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	244277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.436	99	69	0.015	ng	0.04
23) Nitrobenzene-d5	9.434	82	432816	88.969	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	54	0.044	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	767934	90.066	ng	0.00
79) Terphenyl-d14	20.215	244	1038250	84.954	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.395	77	4221	Below Cal		92
11) bis(2-Chloroethyl)ether	7.577	93	7834	2.176	ng	# 28
15) Benzyl Alcohol	8.535	79	2178319	580.958	ng	95
17) 2-Methylphenol	8.535	107	1081299	356.221	ng	# 13
19) n-Nitroso-di-n-propyla...	8.987	70	9052	2.617	ng	# 64
20) 3+4-Methylphenols	8.535	107	932124	218.163	ng	# 1
22) Acetophenone	9.087	105	35653	6.227	ng	# 98
35) Caprolactam	11.990	113	4096	3.422	ng	# 57
77) Benzidine	20.209	184	21250	2.753	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.625	149	171934	16.929	ng	# 53

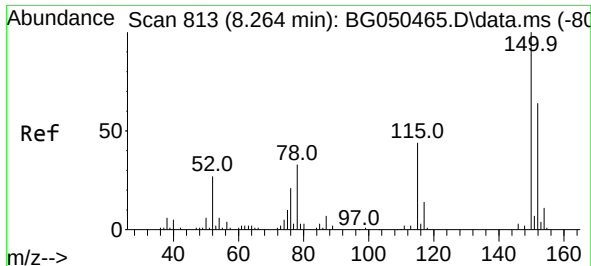
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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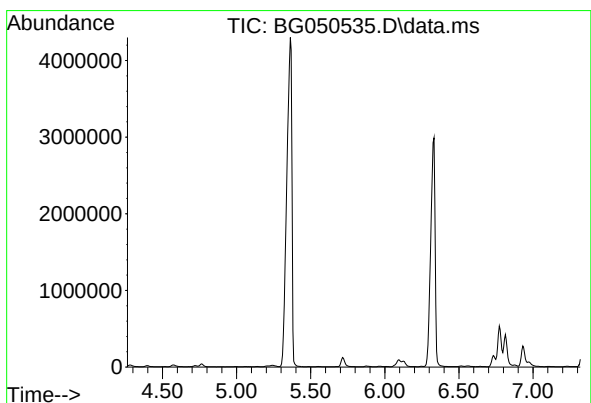
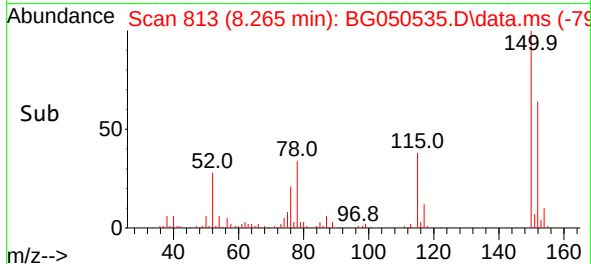
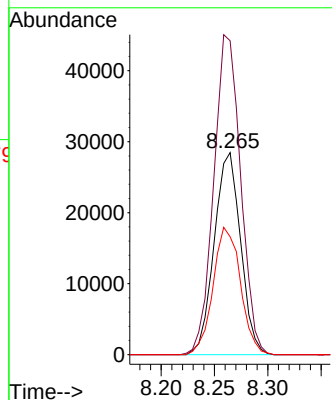
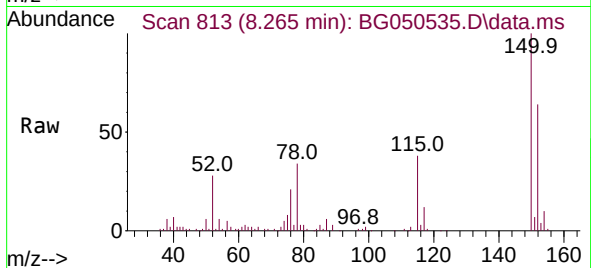




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

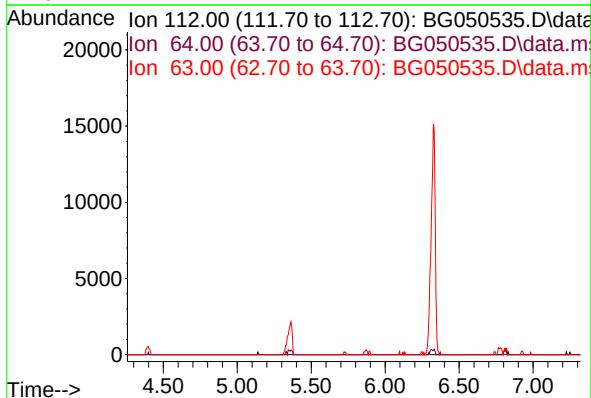
Tgt Ion:152 Resp: 49011
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 58.4 60.2 90.4#

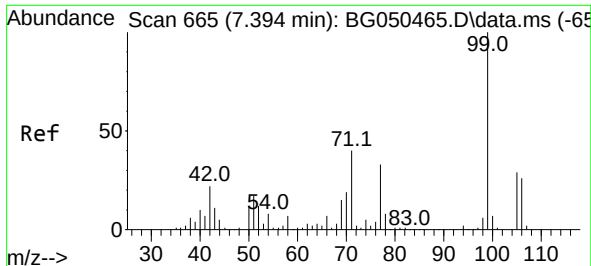


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.79 min

Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion: 112
Sig Exp Ratio
112 100
64 58.4
63 44.1

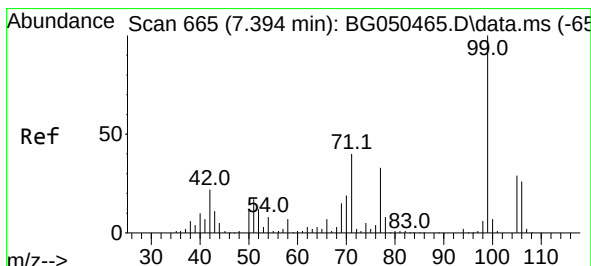
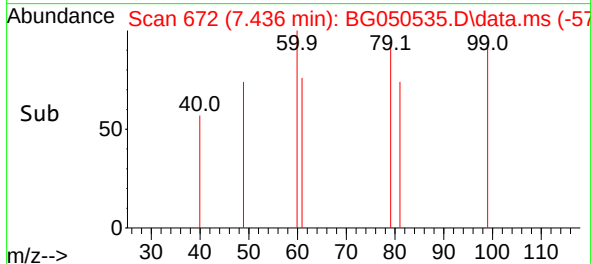
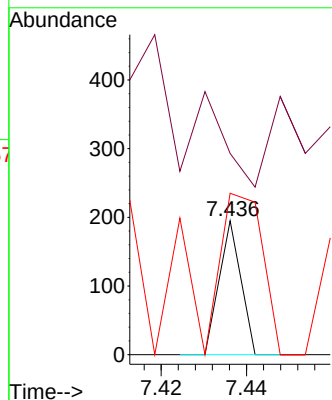
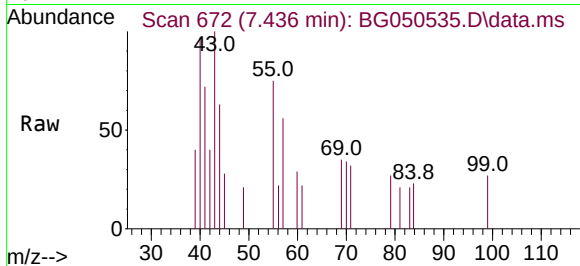




#7
Phenol-d6
Concen: 0.015 ng
RT: 7.436 min Scan# 672
Delta R.T. 0.042 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

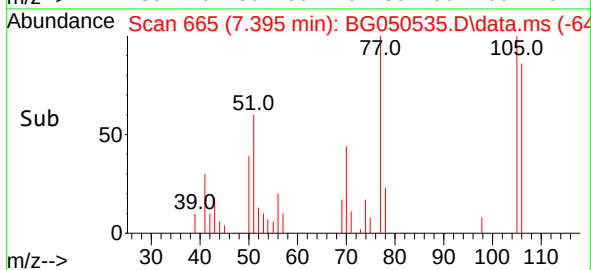
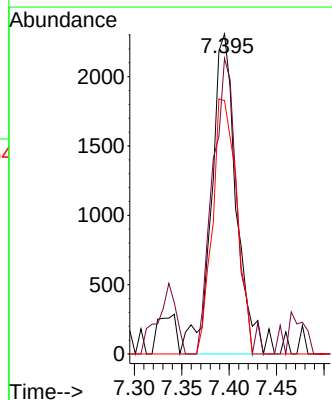
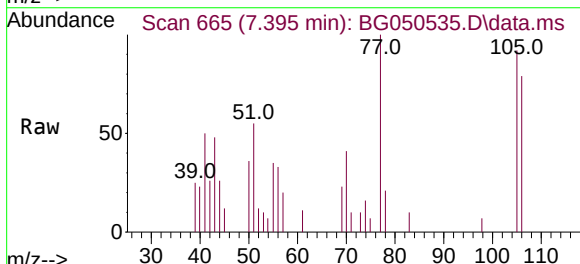
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

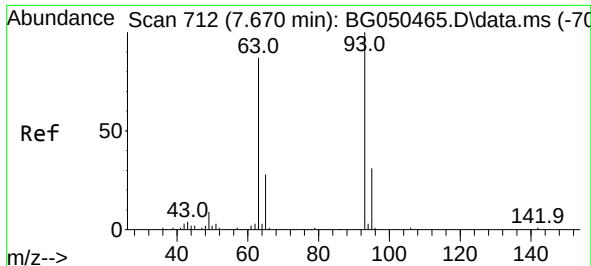
Tgt Ion: 99 Resp: 69
Ion Ratio Lower Upper
99 100
42 150.3 20.5 30.7#
71 120.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

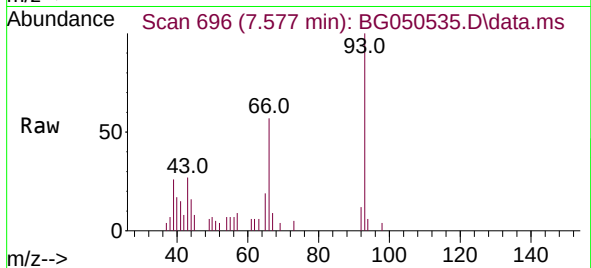
Tgt Ion: 77 Resp: 4221
Ion Ratio Lower Upper
77 100
105 92.4 68.8 108.8
106 79.2 47.9 87.9



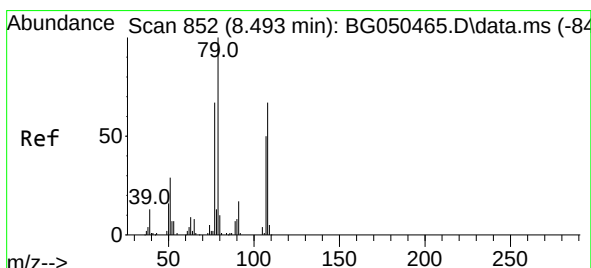
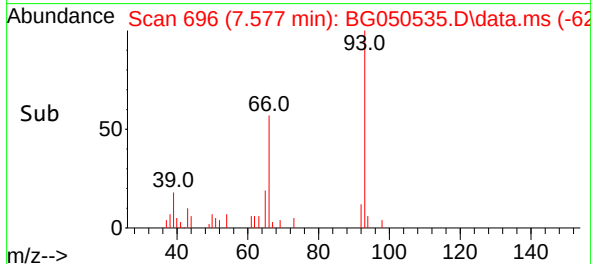
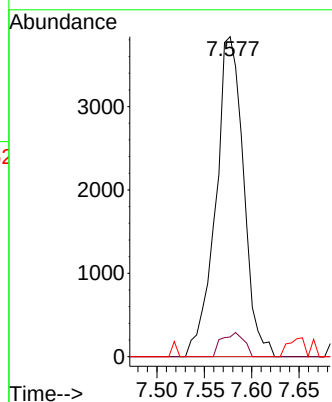


#11
bis(2-Chloroethyl)ether
Concen: 2.176 ng
RT: 7.577 min Scan# 696
Delta R.T. -0.093 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

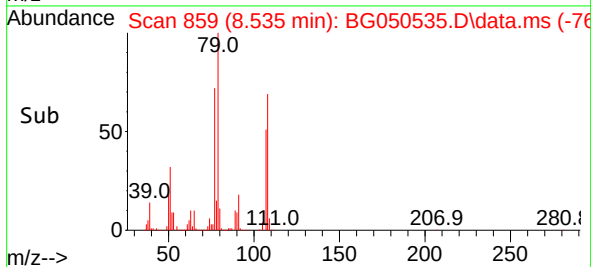
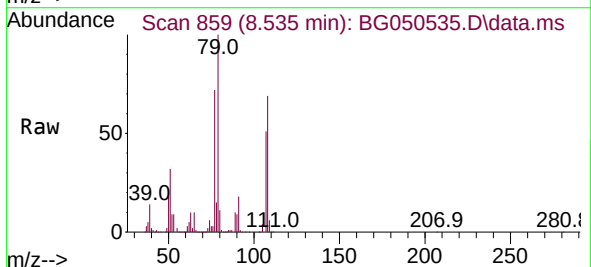
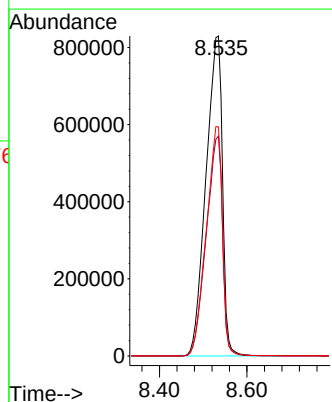


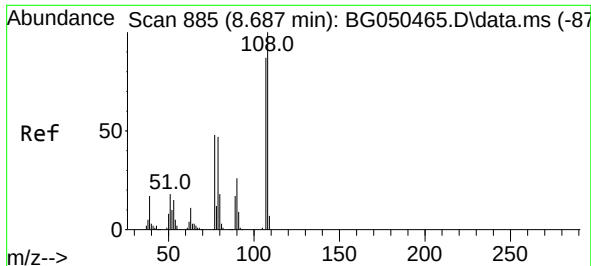
Tgt Ion: 93 Resp: 7834
Ion Ratio Lower Upper
93 100
63 6.2 50.4 90.4#
95 0.0 15.3 55.3#



#15
Benzyl Alcohol
Concen: 580.958 ng
RT: 8.535 min Scan# 859
Delta R.T. 0.042 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

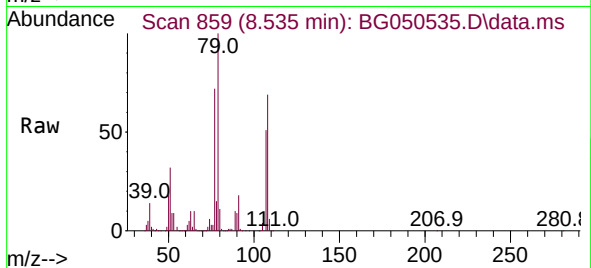
Tgt Ion: 79 Resp: 2178319
Ion Ratio Lower Upper
79 100
108 68.7 48.2 72.4
77 71.6 57.3 85.9





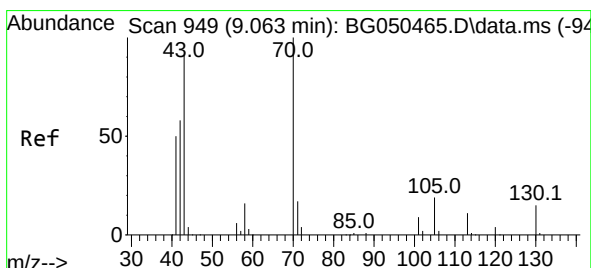
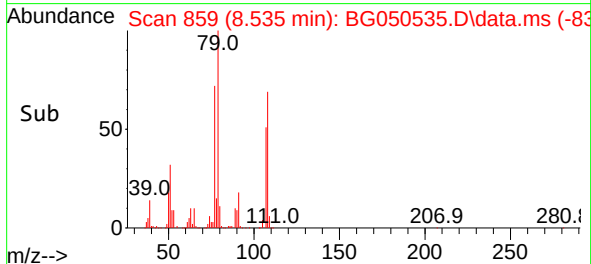
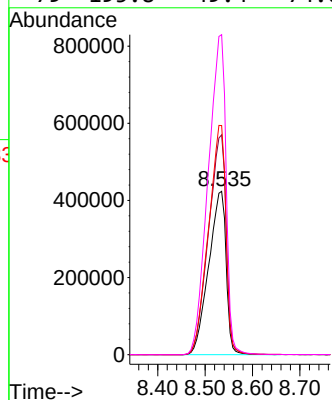
#17
2-Methylphenol
Concen: 356.221 ng
RT: 8.535 min Scan# 859
Delta R.T. -0.152 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE



Tgt Ion:107 Resp: 1081299

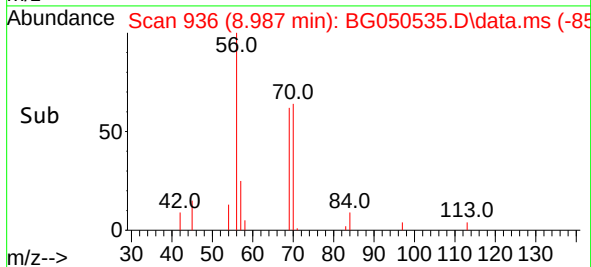
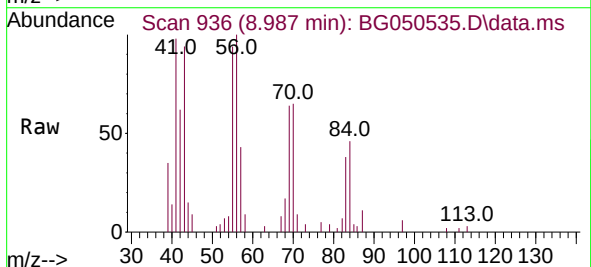
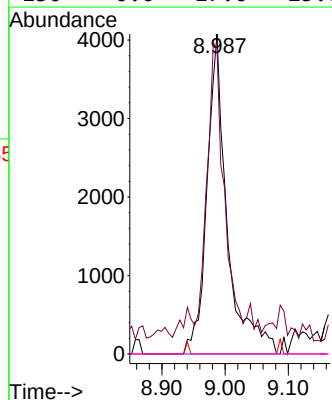
Ion	Ratio	Lower	Upper
107	100		
108	134.5	84.6	127.0#
77	140.2	50.7	76.1#
79	195.8	49.4	74.0#

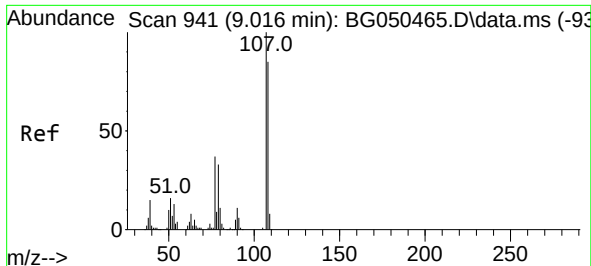


#19
n-Nitroso-di-n-propylamine
Concen: 2.617 ng
RT: 8.987 min Scan# 936
Delta R.T. -0.075 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion: 70 Resp: 9052

Ion	Ratio	Lower	Upper
70	100		
42	95.4	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

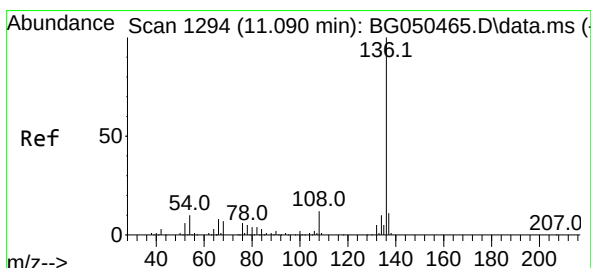
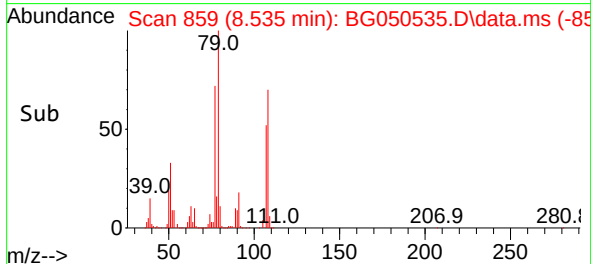
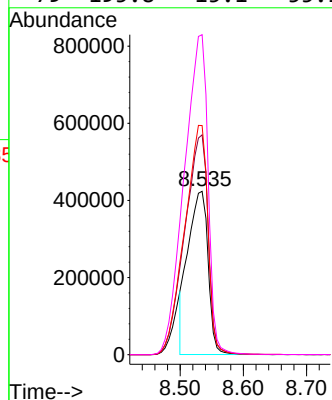
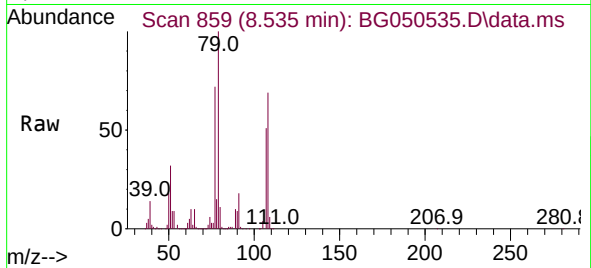




#20
3+4-Methylphenols
Concen: 218.163 ng
RT: 8.535 min Scan# 859
Delta R.T. -0.481 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

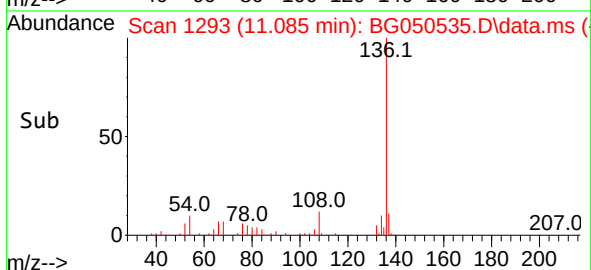
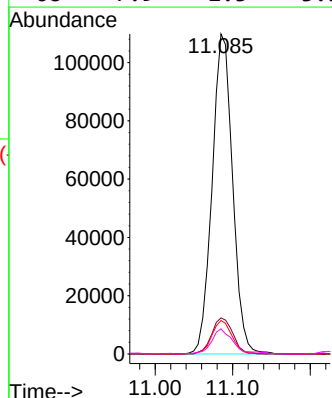
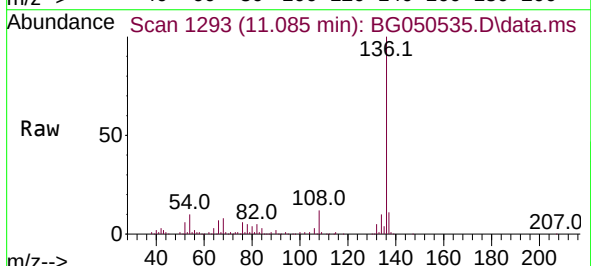
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BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

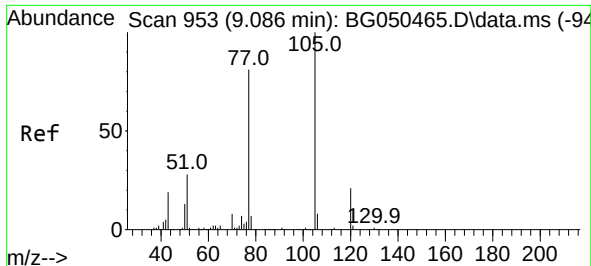
Tgt Ion:107 Resp: 932124
Ion Ratio Lower Upper
107 100
108 134.5 69.3 109.3#
77 140.2 25.2 65.2#
79 195.8 15.1 55.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

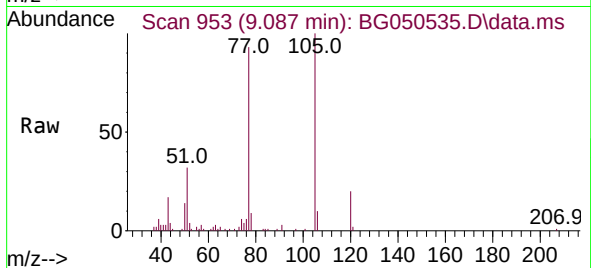
Tgt Ion:136 Resp: 201383
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 10.5 5.5 8.3#
68 7.9 2.3 3.5#



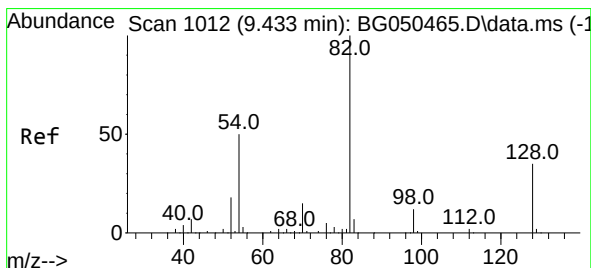
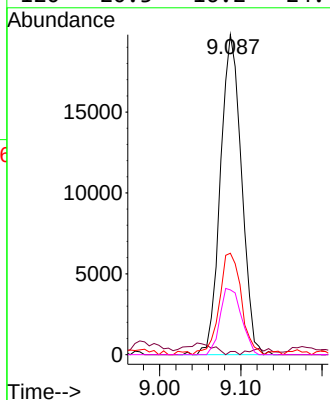
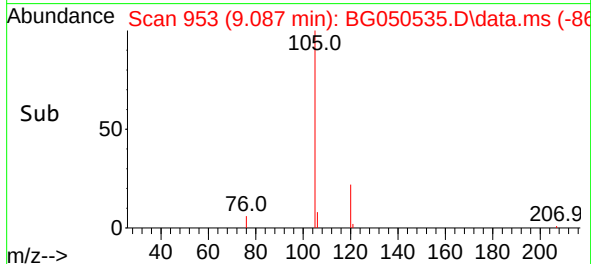


#22
Acetophenone
Concen: 6.227 ng
RT: 9.087 min Scan# 953
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

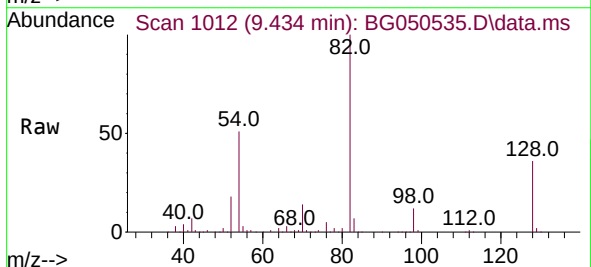
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BNA_G
ClientSampleId :
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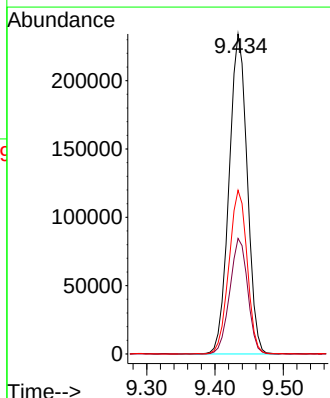
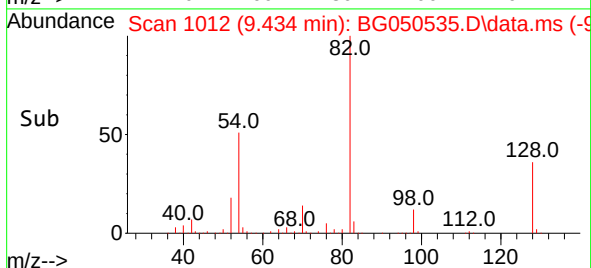
Tgt Ion:105 Resp: 35653
Ion Ratio Lower Upper
105 100
71 1.0 0.6 0.8#
51 31.7 26.6 40.0
120 20.3 16.2 24.4

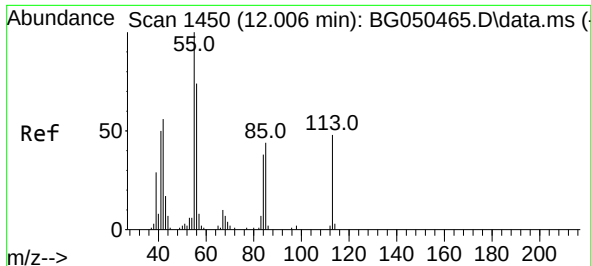


#23
Nitrobenzene-d5
Concen: 88.969 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42



Tgt Ion: 82 Resp: 432816
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 51.2 45.8 68.8

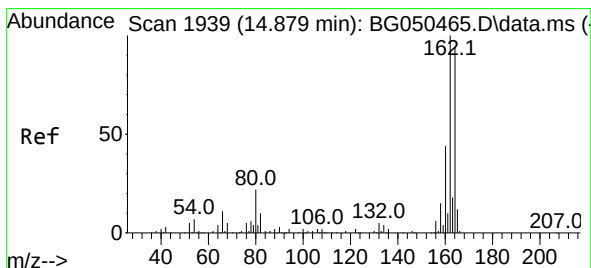
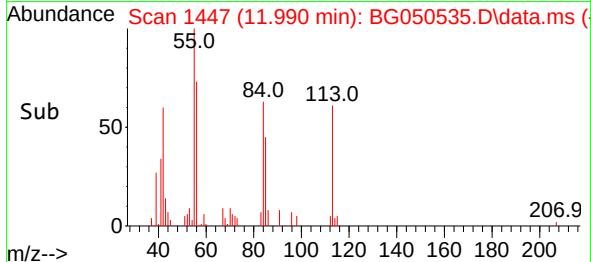
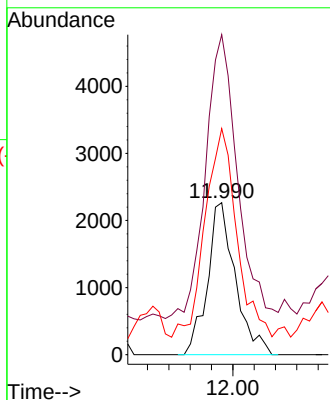
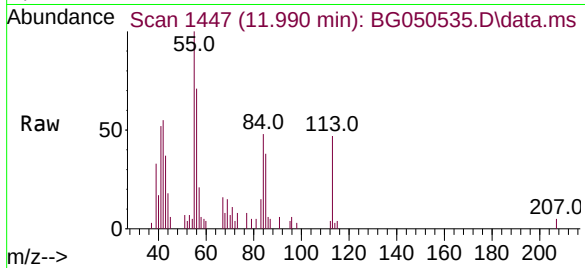




#35
Caprolactam
Concen: 3.422 ng
RT: 11.990 min Scan# 1447
Delta R.T. -0.017 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

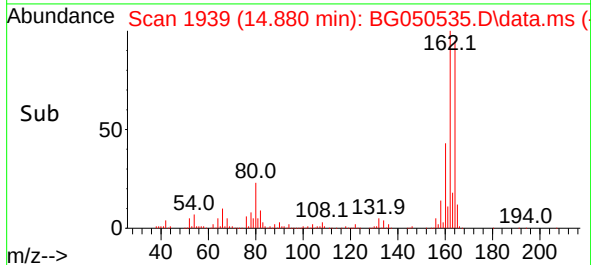
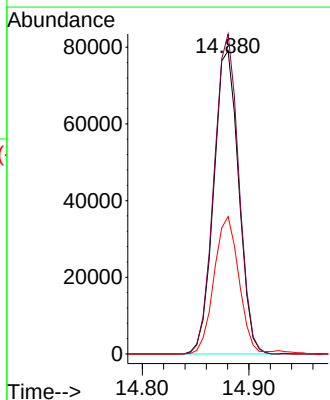
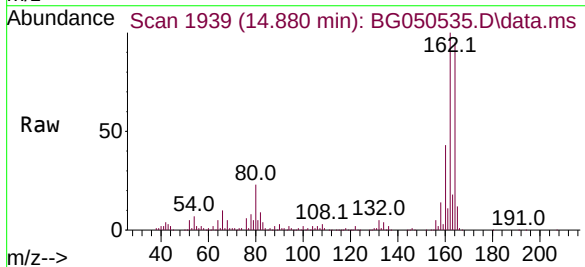
Instrument :
BNA_G
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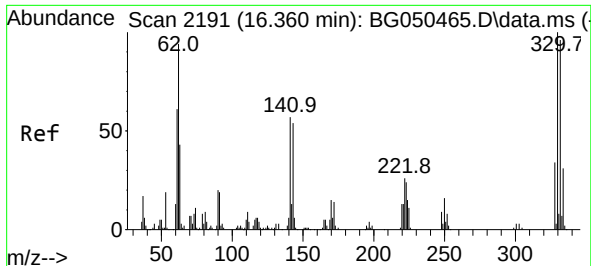
Tgt Ion:113 Resp: 4096
Ion Ratio Lower Upper
113 100
55 210.6 113.8 153.8#
56 148.8 105.6 145.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:164 Resp: 128325
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 45.3 34.9 52.3

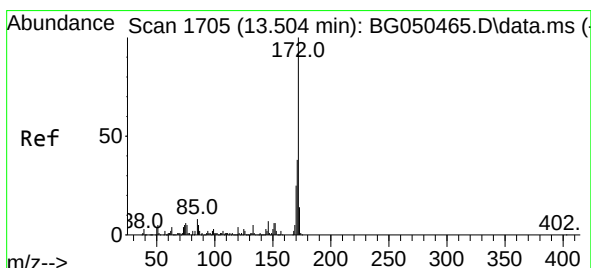
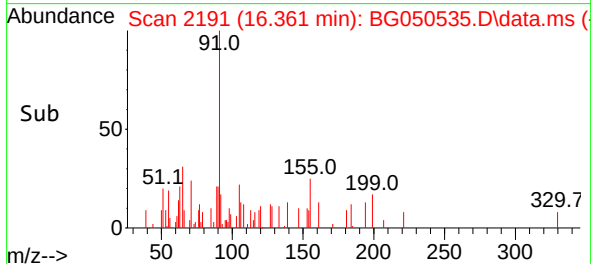
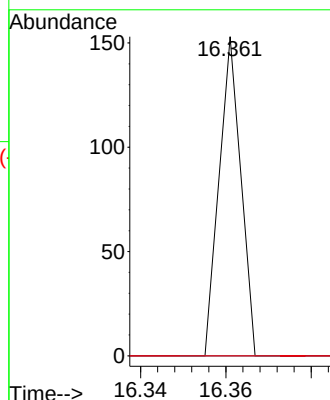
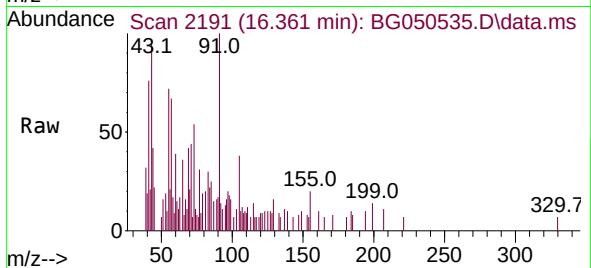




#42
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

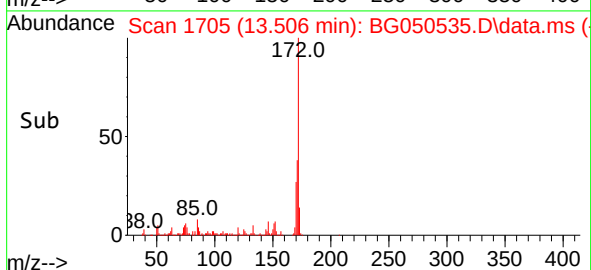
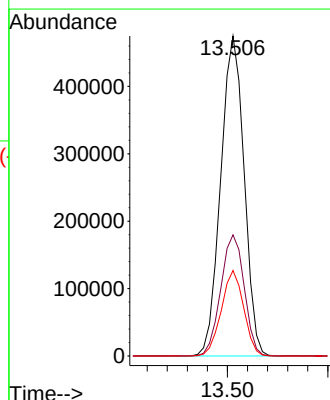
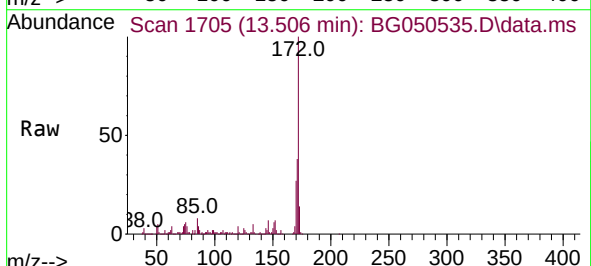
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

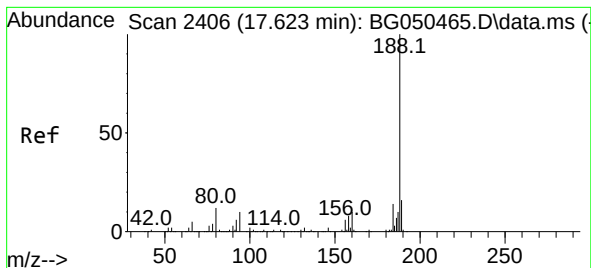
Tgt Ion:330 Resp: 54
Ion Ratio Lower Upper
330 100
332 0.0 77.3 115.9#
141 0.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 90.066 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:172 Resp: 767934
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 26.7 18.6 27.8

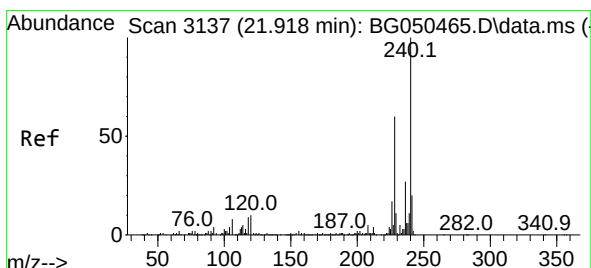
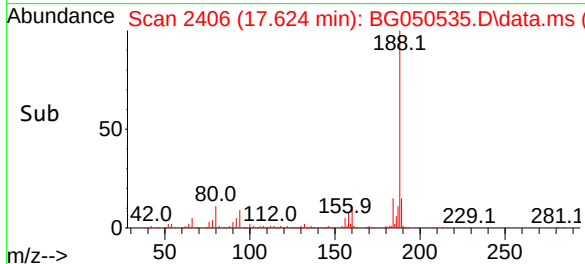
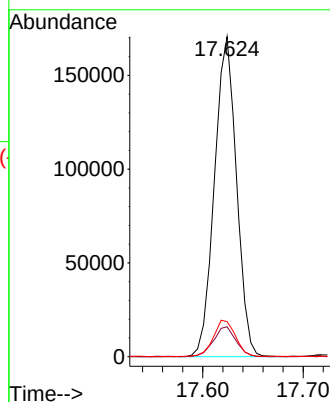
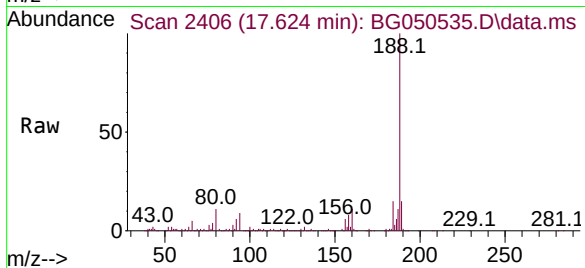




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

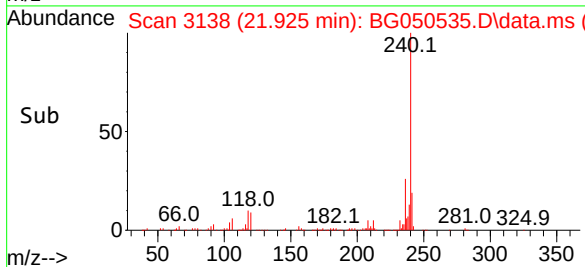
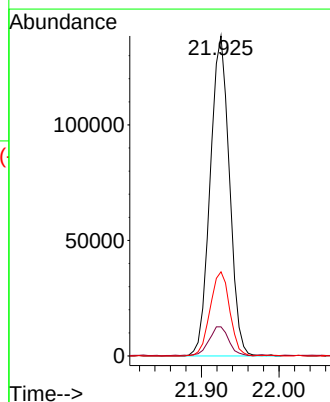
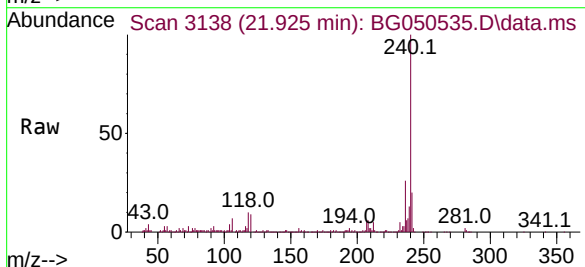
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

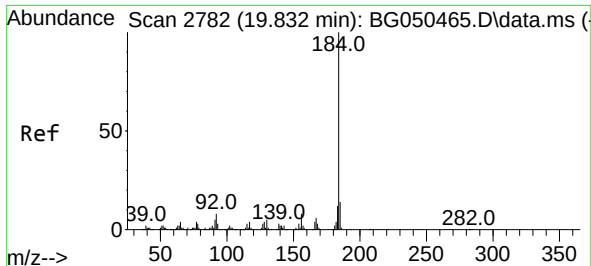
Tgt Ion:188 Resp: 260041
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 10.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:240 Resp: 238171
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 26.3 21.8 32.6

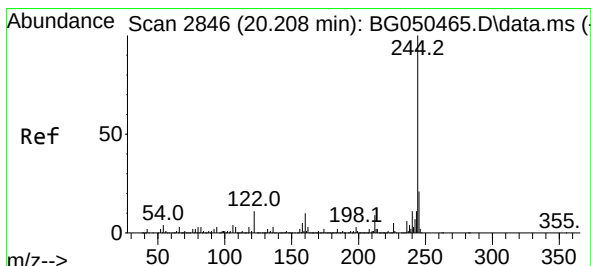
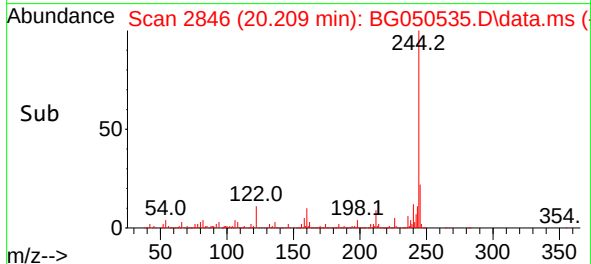
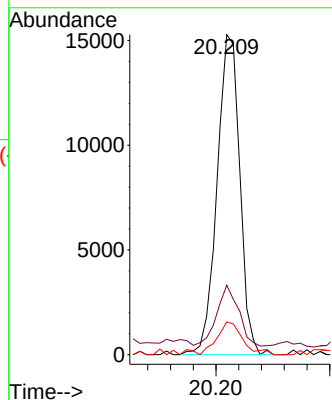
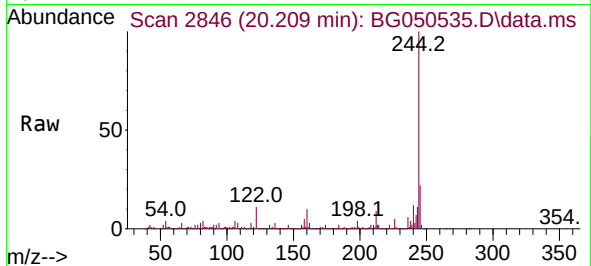




#77
Benzidine
Concen: 2.753 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.377 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

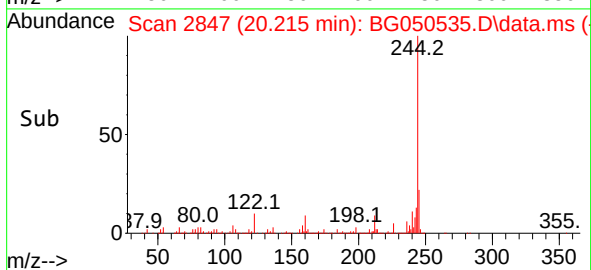
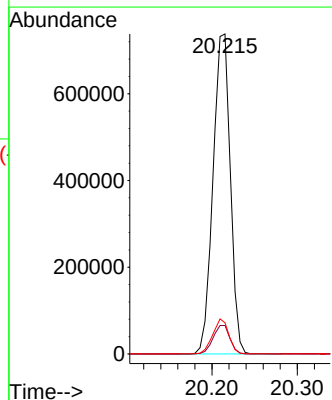
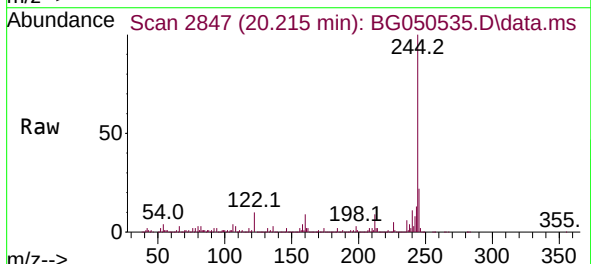
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

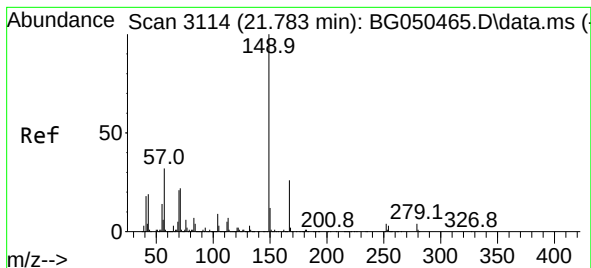
Tgt Ion:184 Resp: 21250
Ion Ratio Lower Upper
184 100
185 21.7 10.7 16.1#
183 10.2 9.4 14.0



#79
Terphenyl-d14
Concen: 84.954 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.007 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:244 Resp: 1038250
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 9.7 5.0 7.6#

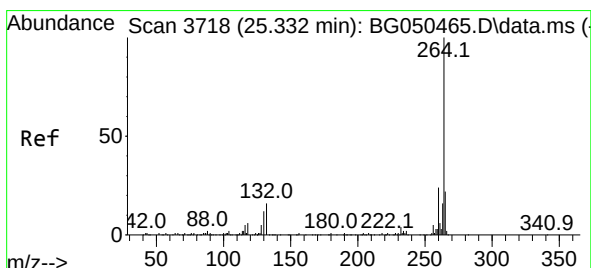
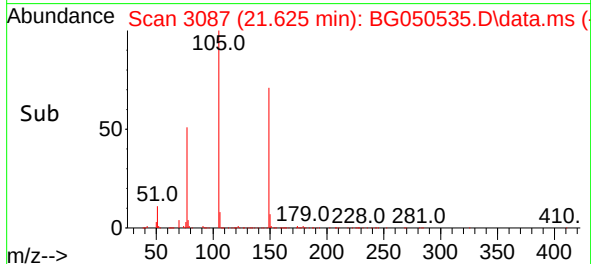
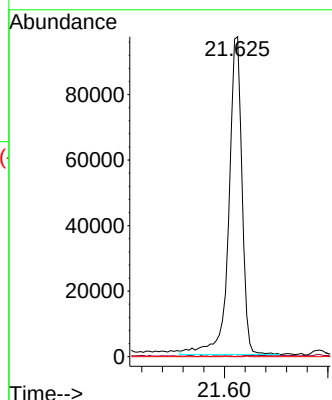
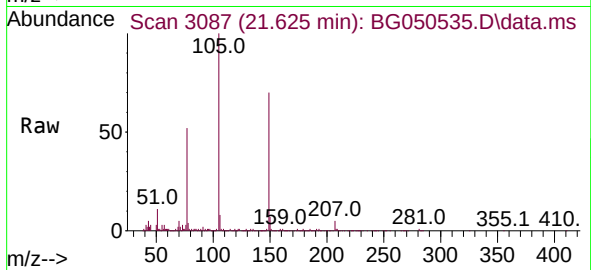




#84
Bis(2-ethylhexyl)phthalate
Concen: 16.929 ng
RT: 21.625 min Scan# 3087
Delta R.T. -0.158 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-COMP-100721RE

Tgt Ion:149 Resp: 171934
Ion Ratio Lower Upper
149 100
167 0.2 22.3 33.5#
279 0.0 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3719
Delta R.T. 0.007 min
Lab File: BG050535.D
Acq: 11 Oct 2021 13:42

Tgt Ion:264 Resp: 244277
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.9 16.9 25.3

