

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048350.D
 Acq On : 5 Mar 2021 23:09
 Operator : CG/JU
 Sample : M1553-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1729

Quant Time: Mar 06 01:03:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

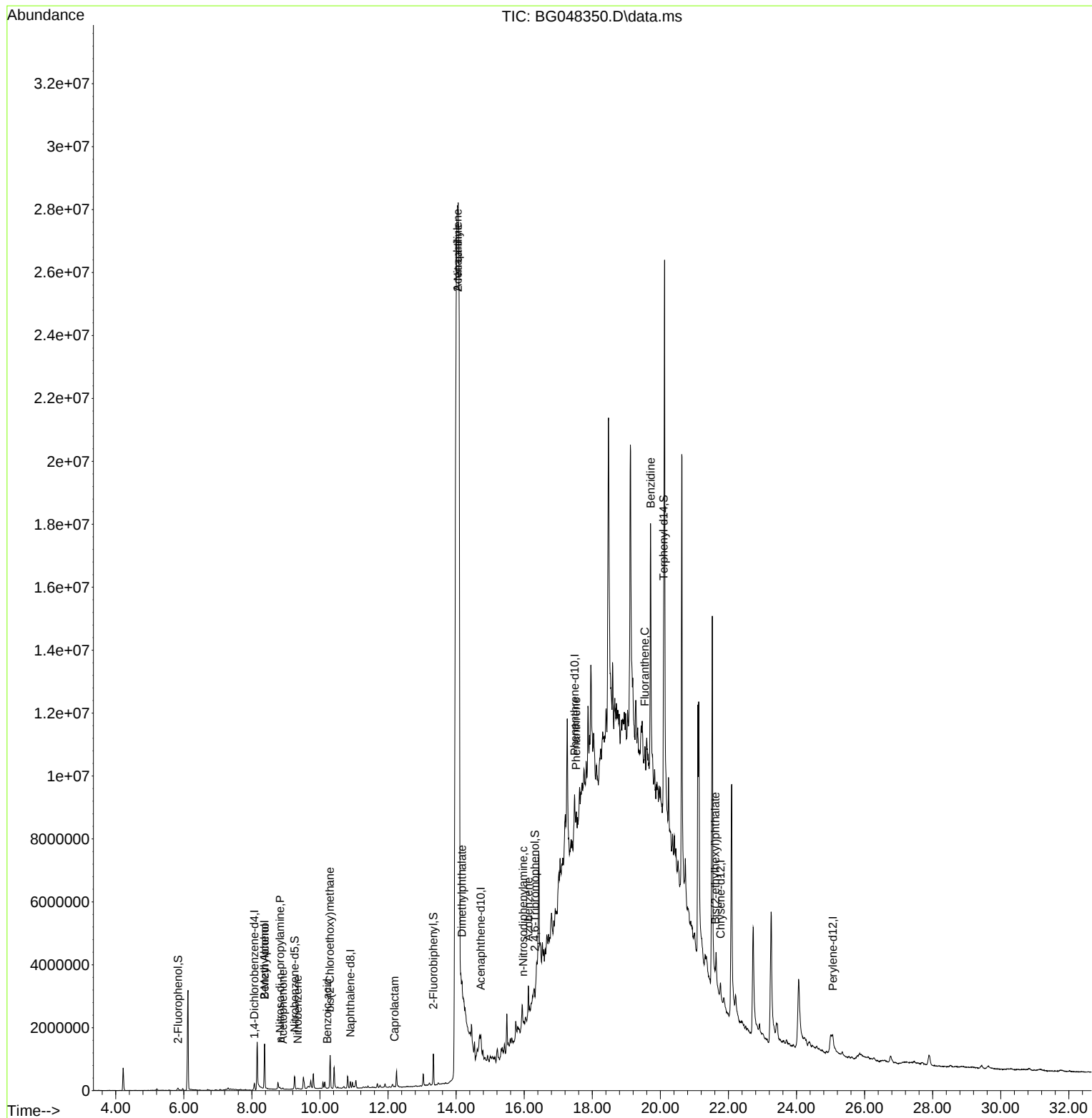
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	43035	20.00	ng	# 0.00
21) Naphthalene-d8	10.893	136	156415	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	114100	20.00	ng	0.02
64) Phenanthrene-d10	17.485	188	298305	20.00	ng	# 0.03
76) Chrysene-d12	21.768	240	276846	20.00	ng	0.04
86) Perylene-d12	25.064	264	254969	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	50016	19.78	ng	0.17
7) Phenol-d6	7.279	99	177	0.05	ng	0.00
23) Nitrobenzene-d5	9.254	82	239820	64.86	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	67110	36.77	ng	0.10
45) 2-Fluorobiphenyl	13.331	172	498173	61.21	ng	0.00
79) Terphenyl-d14	20.094	244	966933	63.82	ng	0.04
Target Compounds						Qvalue
15) Benzyl Alcohol	8.372	79	37405	11.05	ng	# 1
17) 2-Methylphenol	8.372	107	10909	4.31	ng	# 1
19) n-Nitroso-di-n-propyla...	8.825	70	6202	2.09	ng	# 31
22) Acetophenone	8.907	105	15948	3.55	ng	# 91
24) Nitrobenzene	9.342	77	8543	2.17	ng	# 41
28) bis(2-Chloroethoxy)met...	10.294	93	42015	11.72	ng	# 1
32) Benzoic acid	10.217	122	61	4.17	ng	# 54
35) Caprolactam	12.185	113	9792	9.84	ng	89
48) 2-Nitroaniline	14.048	65	911195	364.93	ng	# 1
49) Acenaphthylene	14.042	152	2776553	258.02	ng	# 72
50) Dimethylphthalate	14.171	163	28168	2.95	ng	# 53
63) Azobenzene	16.122	77	157394	16.17	ng	# 13
66) n-Nitrosodiphenylamine	15.969	169	35224	4.08	ng	# 48
71) Phenanthrene	17.526	178	168381	10.39	ng	# 67
75) Fluoranthene	19.541	202	42835	2.03	ng	# 1
77) Benzidine	19.718	184	19842	2.19	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.616	149	87837	9.23	ng	# 86

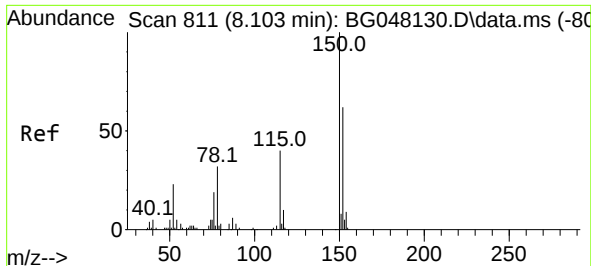
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
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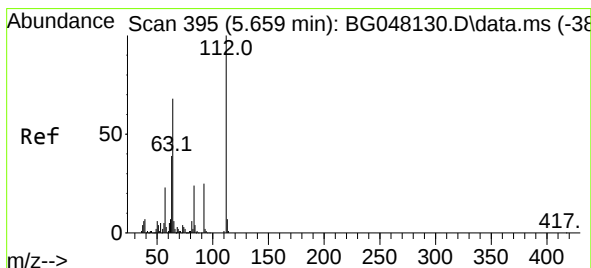
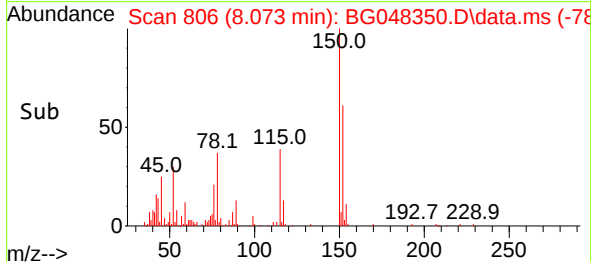
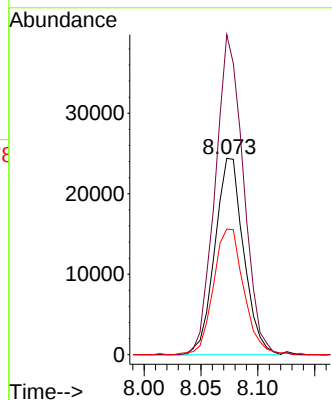
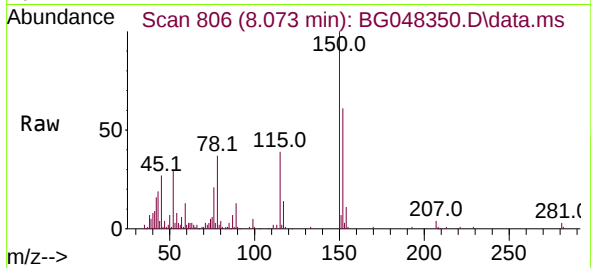




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

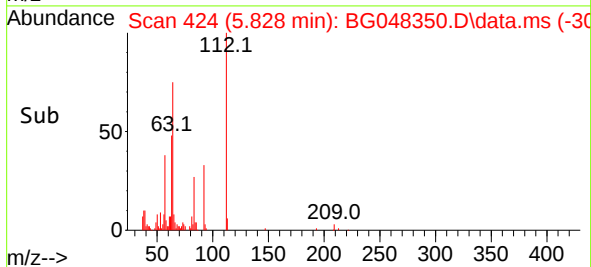
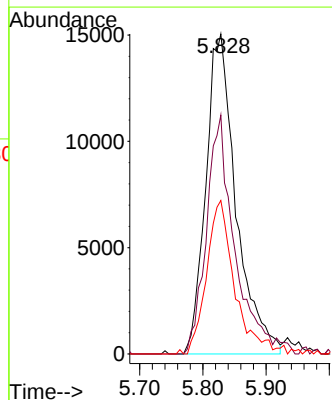
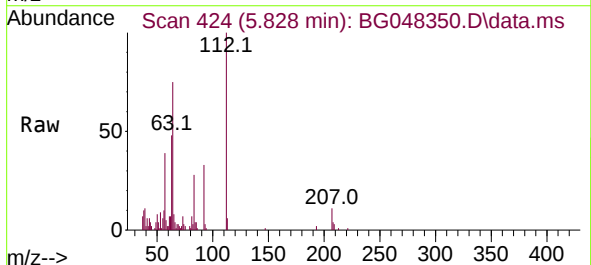
Instrument :
BNA_G
ClientSampleId :
1729

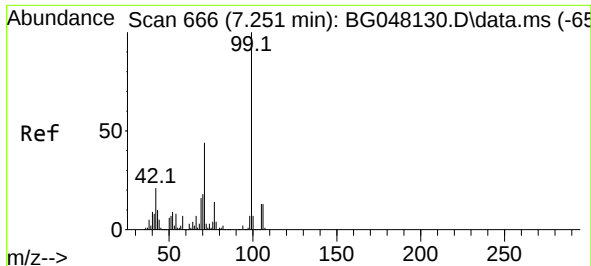
Tgt Ion:152 Resp: 43035
Ion Ratio Lower Upper
152 100
150 163.0 125.0 187.6
115 64.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 19.78 ng
RT: 5.828 min Scan# 424
Delta R.T. 0.175 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:112 Resp: 50016
Ion Ratio Lower Upper
112 100
64 74.6 46.7 70.1#
63 48.0 22.8 34.2#

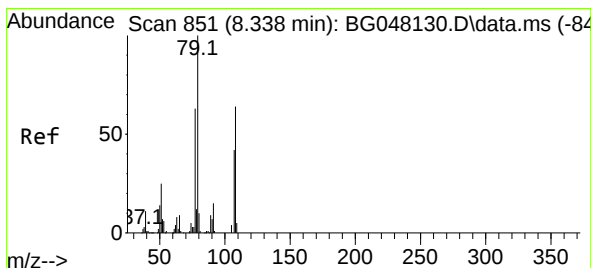
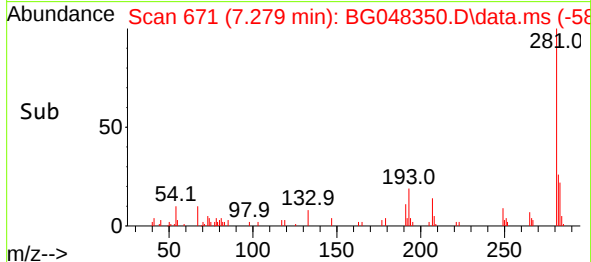
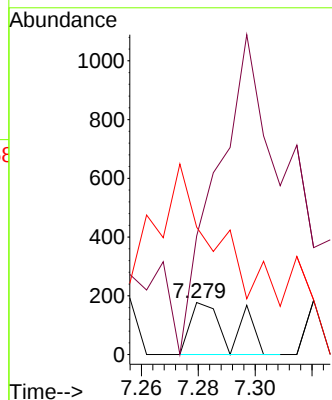
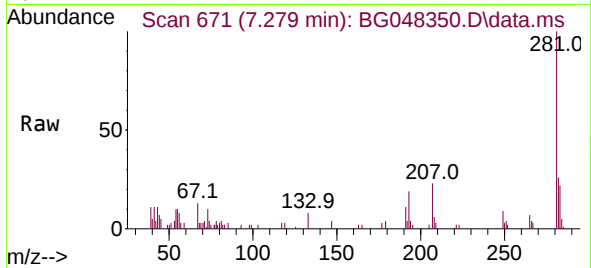




#7
Phenol-d6
Concen: 0.05 ng
RT: 7.279 min Scan# 671
Delta R.T. -0.007 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

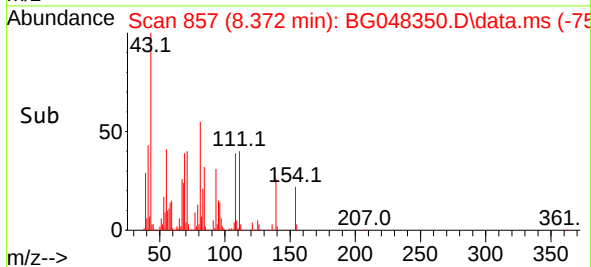
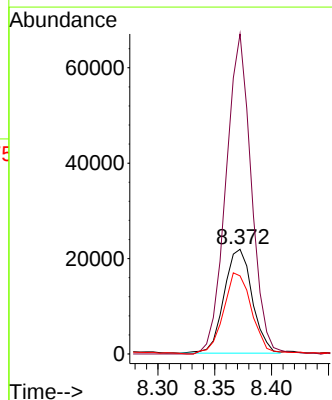
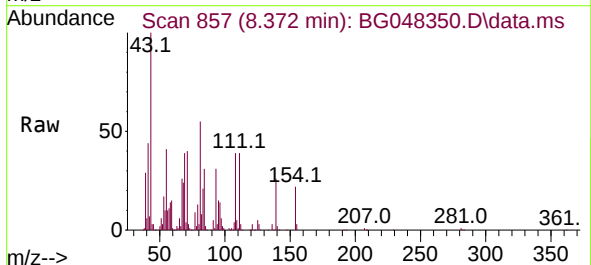
Instrument :
BNA_G
ClientSampled :
1729

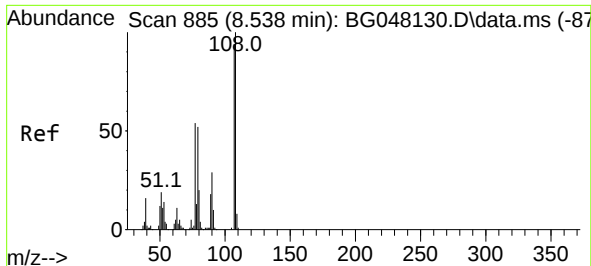
Tgt Ion: 99 Resp: 177
Ion Ratio Lower Upper
99 100
42 228.2 12.8 19.2#
71 245.2 24.6 36.8#



#15
Benzyl Alcohol
Concen: 11.05 ng
RT: 8.372 min Scan# 857
Delta R.T. 0.046 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

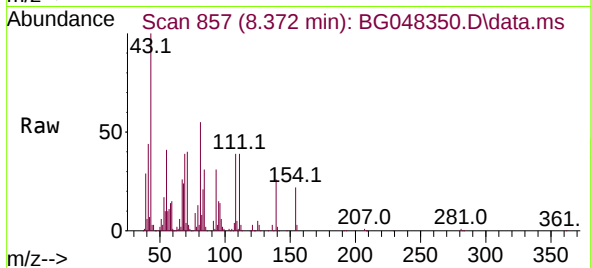
Tgt Ion: 79 Resp: 37405
Ion Ratio Lower Upper
79 100
108 305.7 65.5 98.3#
77 74.6 50.1 75.1



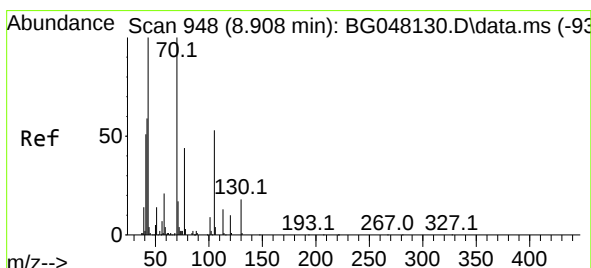
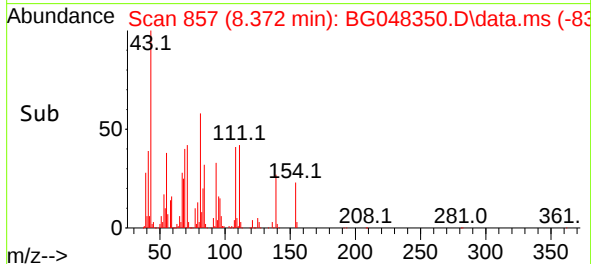
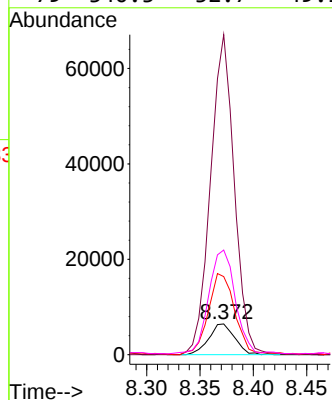


#17
2-Methylphenol
Concen: 4.31 ng
RT: 8.372 min Scan# 857
Delta R.T. -0.183 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Instrument :
BNA_G
ClientSampleId :
1729

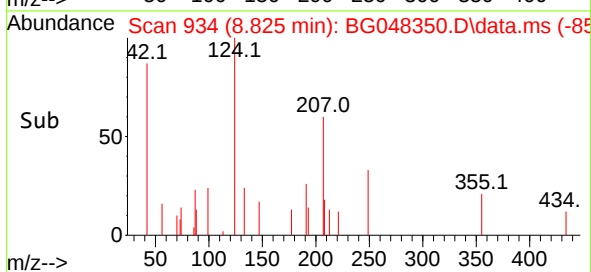
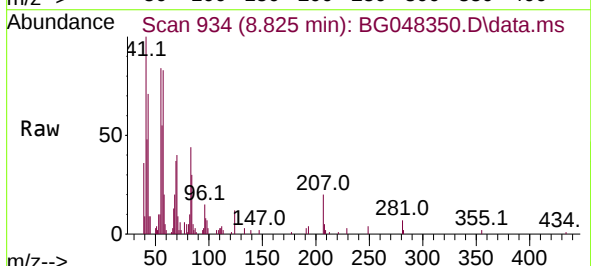
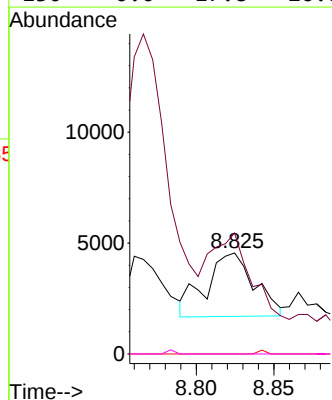


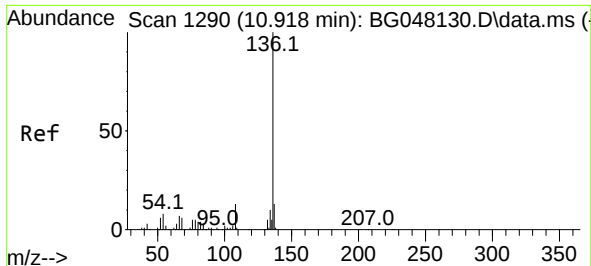
Tgt Ion:	107	Resp:	10909
Ion	Ratio	Lower	Upper
107	100		
108	1040.3	87.2	130.8#
77	253.7	33.8	50.8#
79	340.3	32.7	49.1#



#19
n-Nitroso-di-n-propylamine
Concen: 2.09 ng
RT: 8.825 min Scan# 934
Delta R.T. -0.054 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:	70	Resp:	6202
Ion	Ratio	Lower	Upper
70	100		
42	119.8	45.6	68.4#
101	0.0	8.4	12.6#
130	0.0	17.8	26.8#

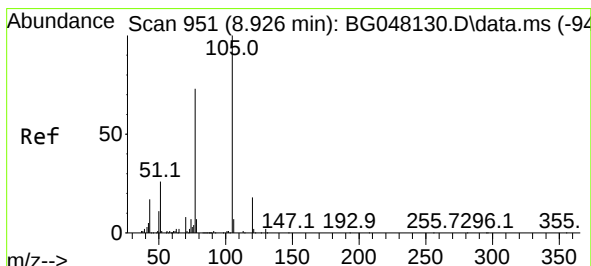
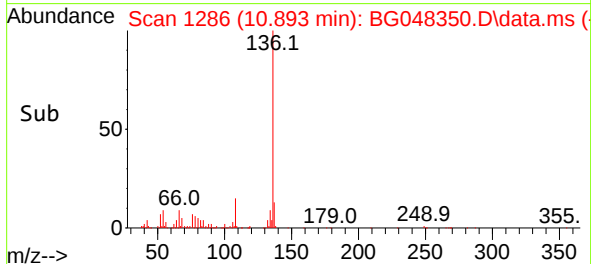
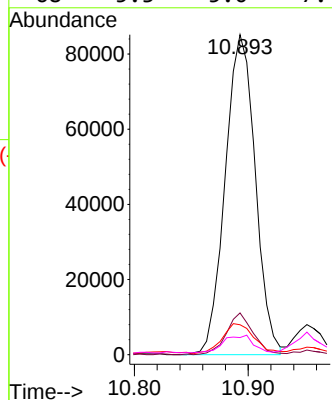
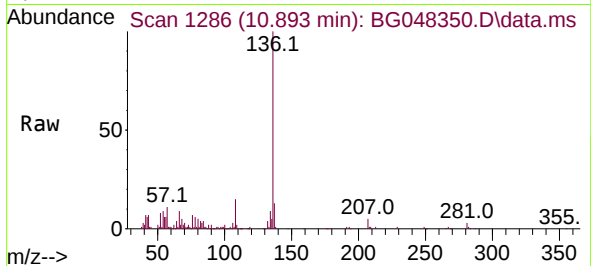




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.893 min Scan# 1286
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

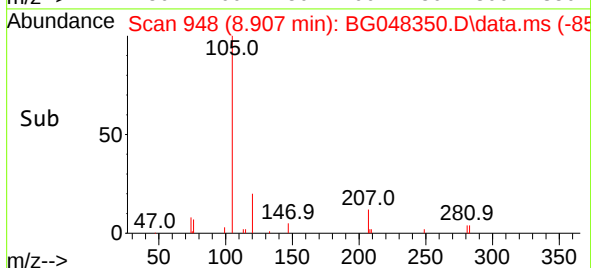
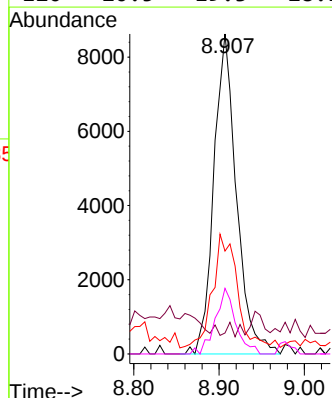
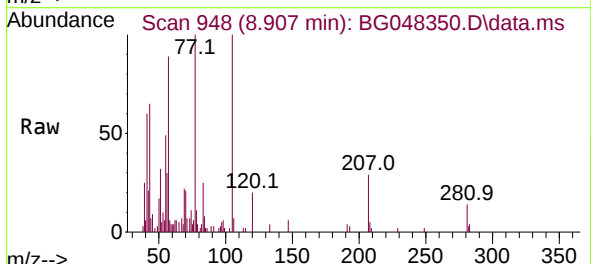
Instrument :
BNA_G
ClientSampleId :
1729

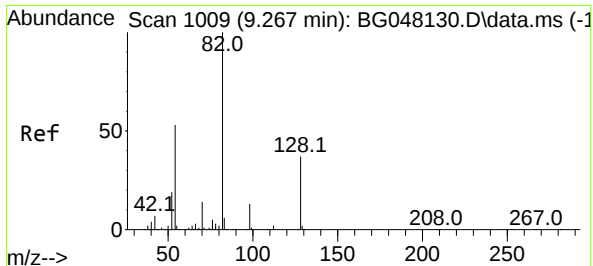
Tgt Ion:	136	Resp:	156415
Ion Ratio	Lower	Upper	
136	100		
137	13.0	9.1	13.7
54	9.4	6.2	9.4
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 3.55 ng
RT: 8.907 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:	105	Resp:	15948
Ion Ratio	Lower	Upper	
105	100		
71	6.5	2.7	4.1#
51	32.2	21.0	31.6#
120	20.5	19.3	28.9

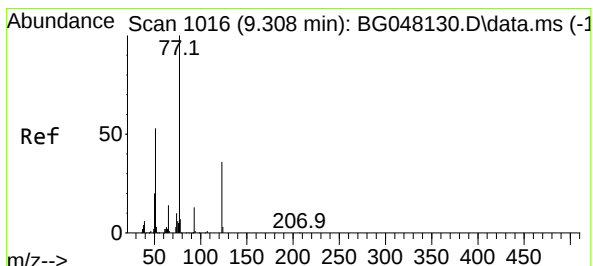
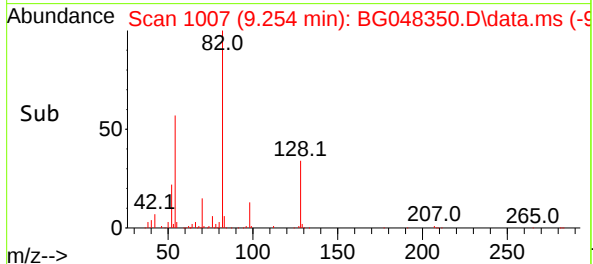
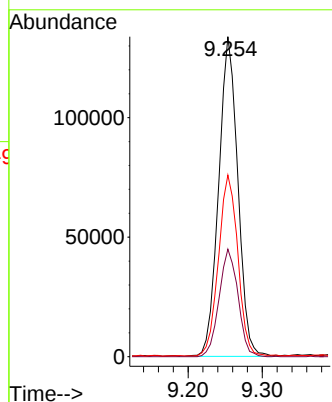
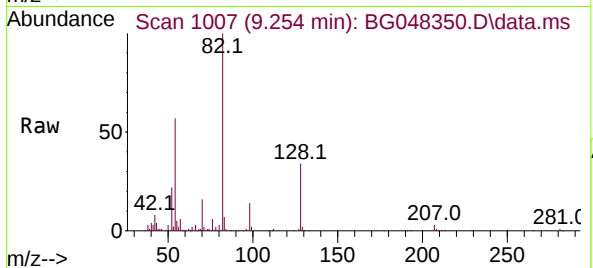




#23
Nitrobenzene-d5
Concen: 64.86 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

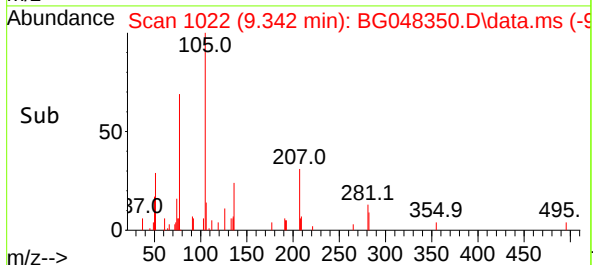
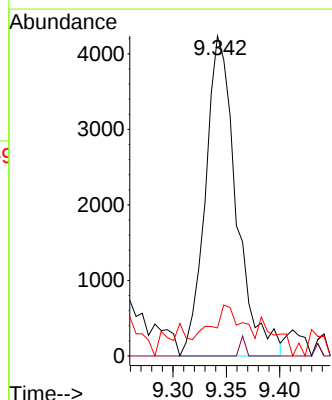
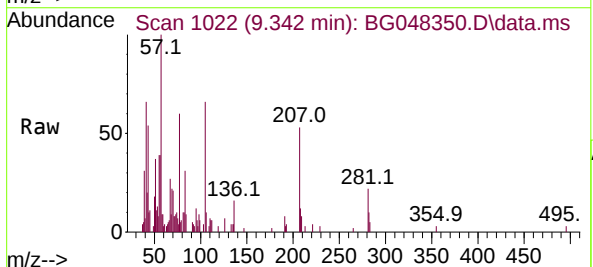
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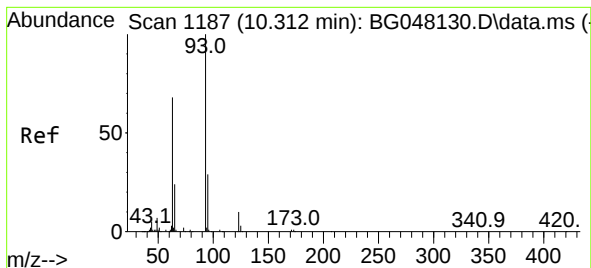
Tgt Ion: 82 Resp: 239820
Ion Ratio Lower Upper
82 100
128 33.6 37.0 55.6#
54 56.7 39.0 58.4



#24
Nitrobenzene
Concen: 2.17 ng
RT: 9.342 min Scan# 1022
Delta R.T. 0.046 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion: 77 Resp: 8543
Ion Ratio Lower Upper
77 100
123 0.0 39.7 59.5#
65 8.8 10.4 15.6#

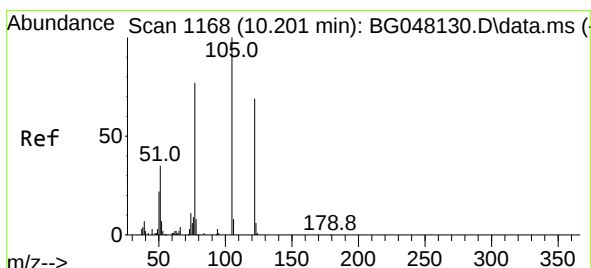
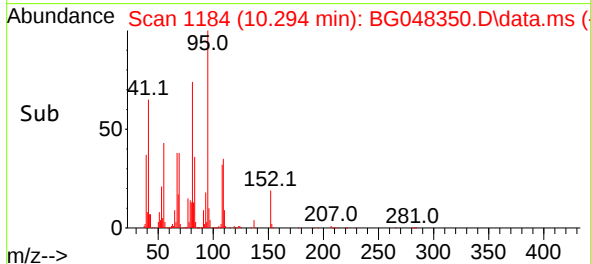
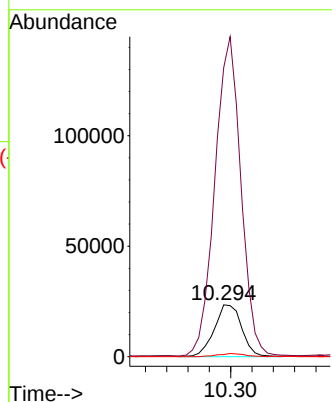
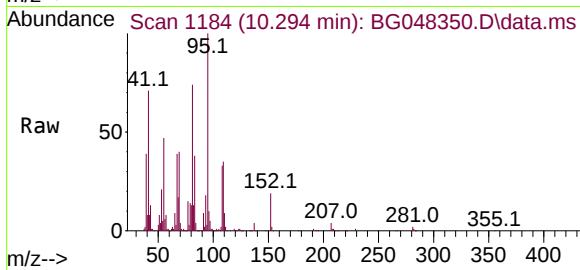




#28
bis(2-Chloroethoxy)methane
Concen: 11.72 ng
RT: 10.294 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

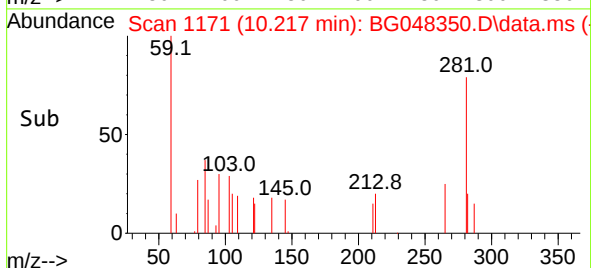
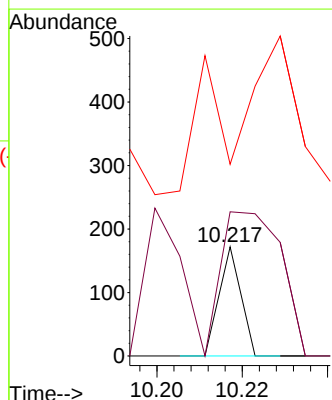
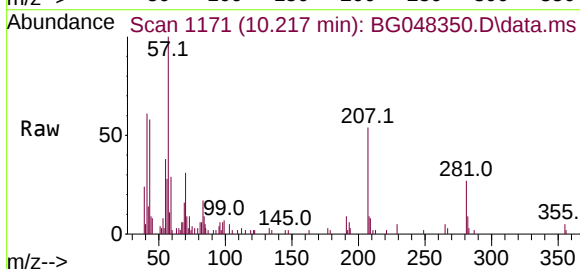
Instrument :
BNA_G
ClientSampled :
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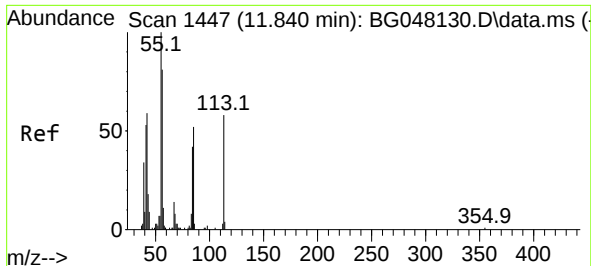
Tgt Ion: 93 Resp: 42015
Ion Ratio Lower Upper
93 100
95 558.6 26.5 39.7#
123 3.9 9.4 14.0#



#32
Benzoic acid
Concen: 4.17 ng
RT: 10.217 min Scan# 1171
Delta R.T. -0.037 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 132.0 103.7 143.7
77 175.6 63.0 103.0#

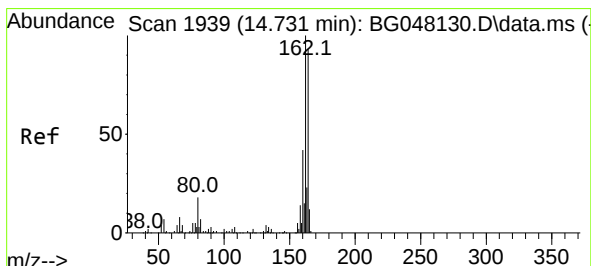
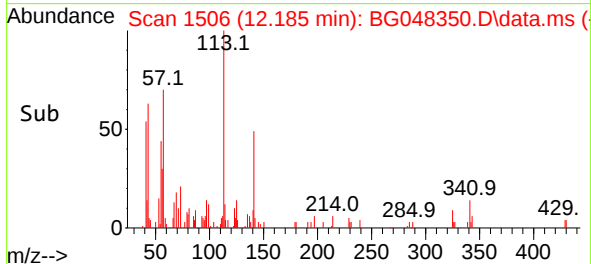
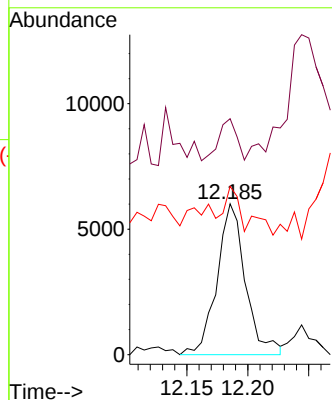
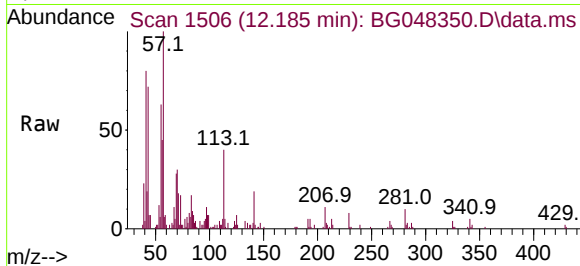




#35
Caprolactam
Concen: 9.84 ng
RT: 12.185 min Scan# 1506
Delta R.T. 0.351 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

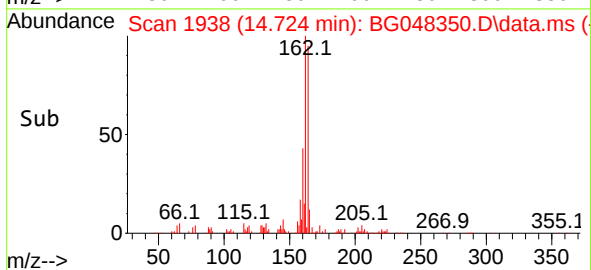
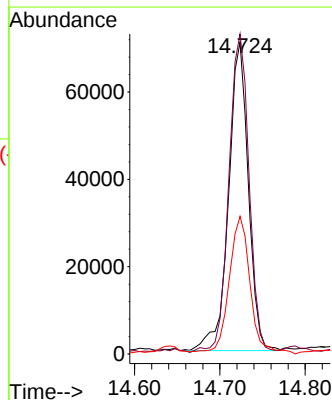
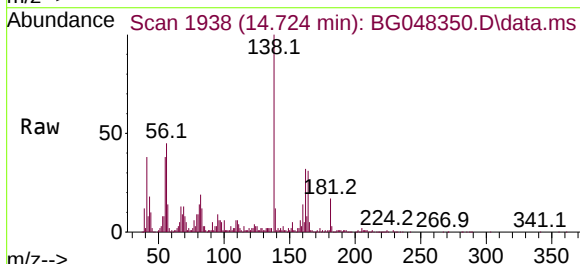
Instrument :
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ClientSampleId :
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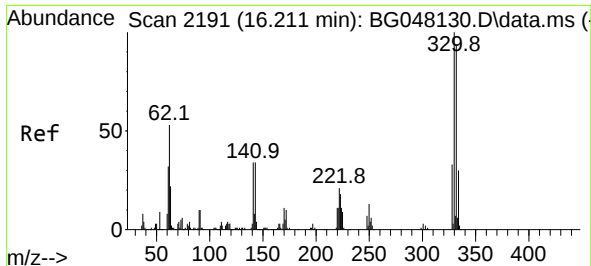
Tgt Ion:113 Resp: 9792
Ion Ratio Lower Upper
113 100
55 156.4 149.2 189.2
56 111.6 107.2 147.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.016 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:164 Resp: 114100
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.1 35.3 52.9

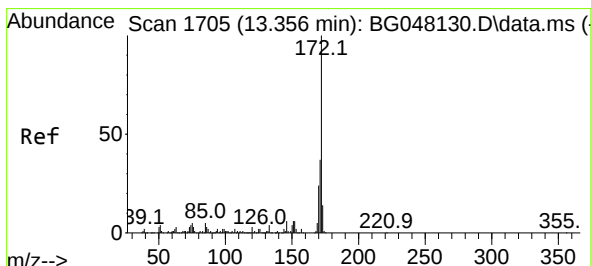
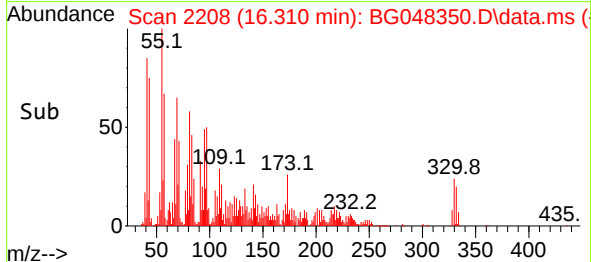
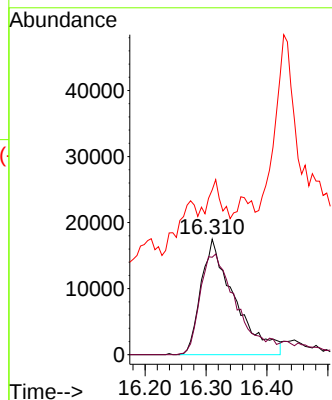
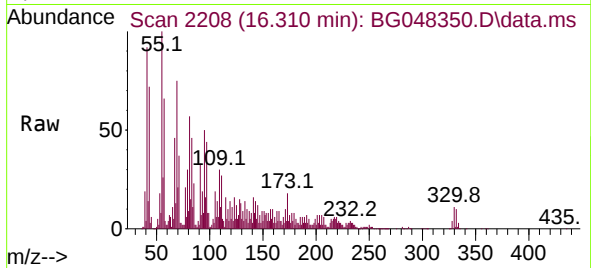




#42
2,4,6-Tribromophenol
Concen: 36.77 ng
RT: 16.310 min Scan# 2208
Delta R.T. 0.104 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

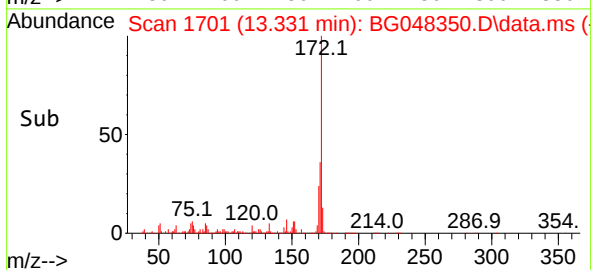
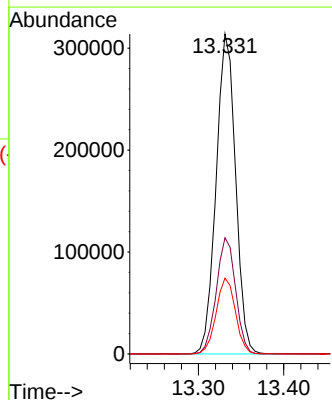
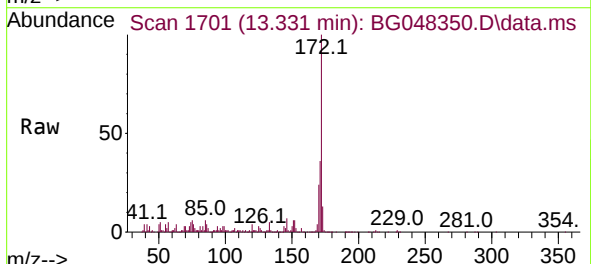
Instrument :
BNA_G
ClientSampleId :
1729

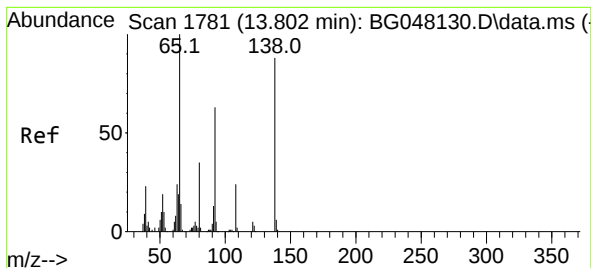
Tgt Ion:330 Resp: 67110
Ion Ratio Lower Upper
330 100
332 91.5 76.5 114.7
141 12.8 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 61.21 ng
RT: 13.331 min Scan# 1701
Delta R.T. 0.005 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:172 Resp: 498173
Ion Ratio Lower Upper
172 100
171 36.3 31.3 46.9
170 23.7 20.8 31.2

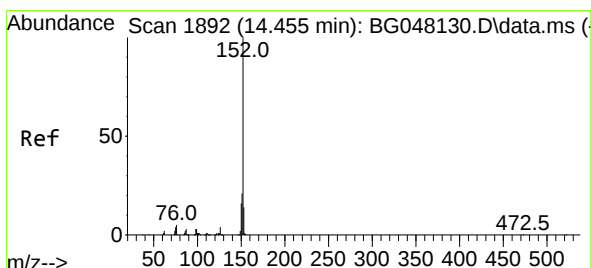
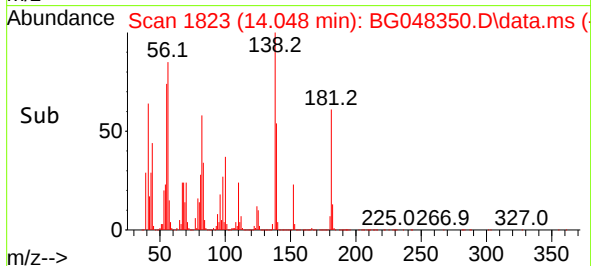
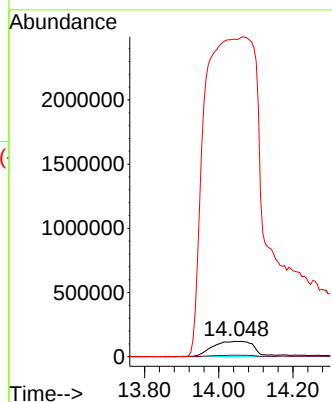
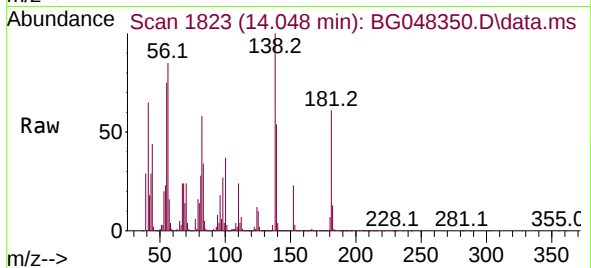




#48
2-Nitroaniline
Concen: 364.93 ng
RT: 14.048 min Scan# 1823
Delta R.T. 0.234 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

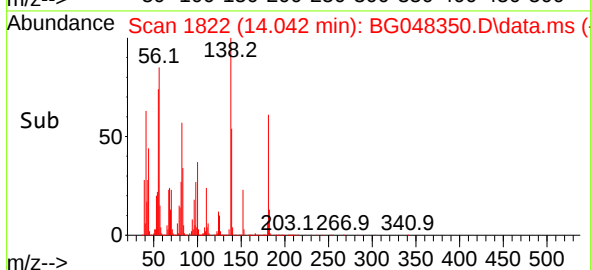
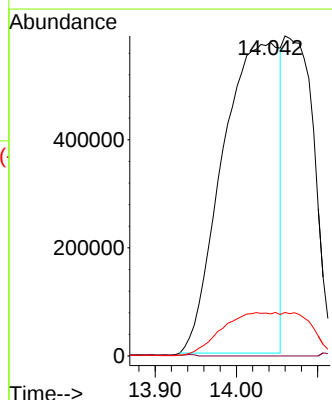
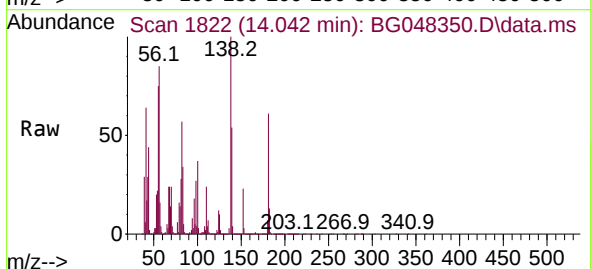
Instrument :
BNA_G
ClientSampled :
1729

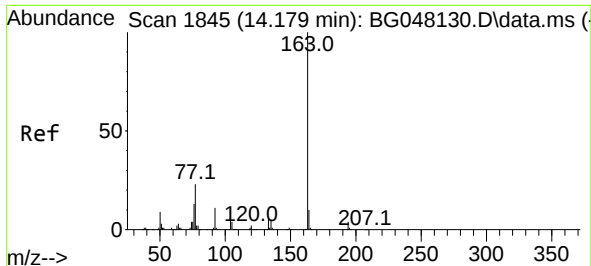
Tgt Ion: 65 Resp: 911195
Ion Ratio Lower Upper
65 100
92 9.4 58.6 88.0#
138 2055.2 98.2 147.4#



#49
Acenaphthylene
Concen: 258.02 ng
RT: 14.042 min Scan# 1822
Delta R.T. -0.389 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:152 Resp: 2776553
Ion Ratio Lower Upper
152 100
151 0.0 17.4 26.0#
153 13.4 11.5 17.3

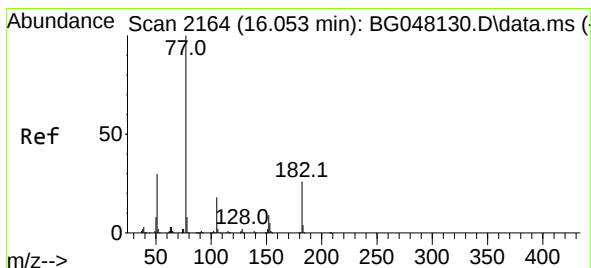
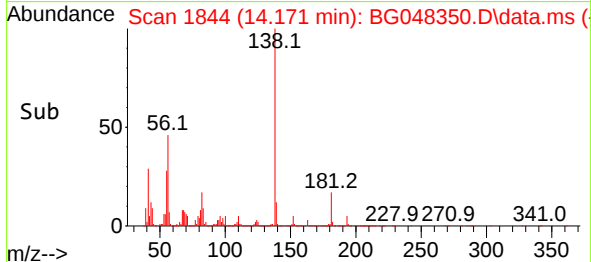
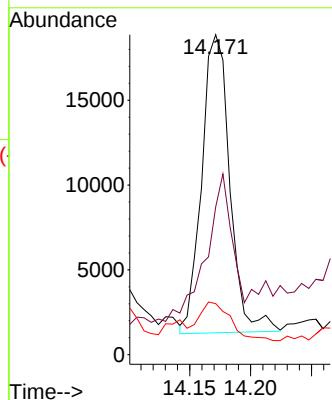
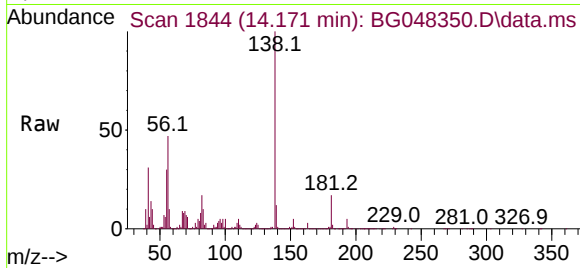




#50
Dimethylphthalate
Concen: 2.95 ng
RT: 14.171 min Scan# 1844
Delta R.T. 0.010 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

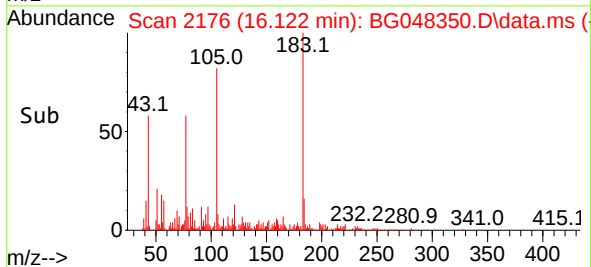
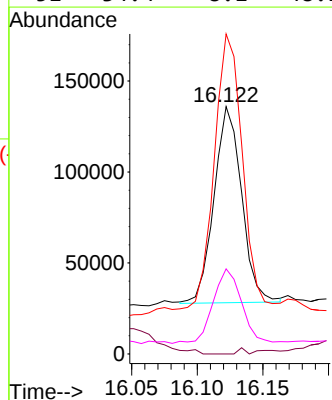
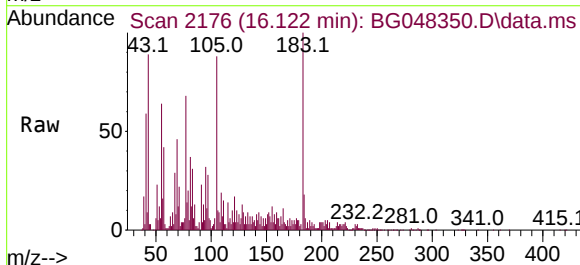
Instrument :
BNA_G
ClientSampleId :
1729

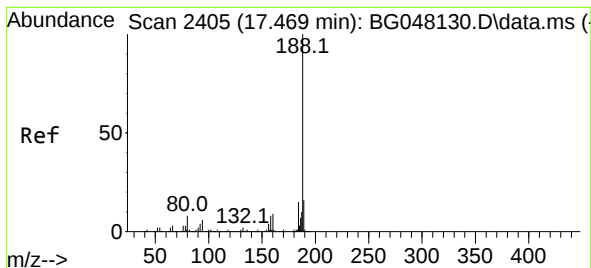
Tgt Ion:163 Resp: 28168
Ion Ratio Lower Upper
163 100
194 46.2 3.8 5.8#
164 16.0 8.8 13.2#



#63
Azobenzene
Concen: 16.17 ng
RT: 16.122 min Scan# 2176
Delta R.T. 0.087 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion: 77 Resp: 157394
Ion Ratio Lower Upper
77 100
182 0.0 14.0 54.0#
105 129.4 3.0 43.0#
51 34.4 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.485 min Scan# 2408

Delta R.T. 0.028 min

Lab File: BG048350.D

Acq: 5 Mar 2021 23:09

Instrument :

BNA_G

ClientSampleId :

1729

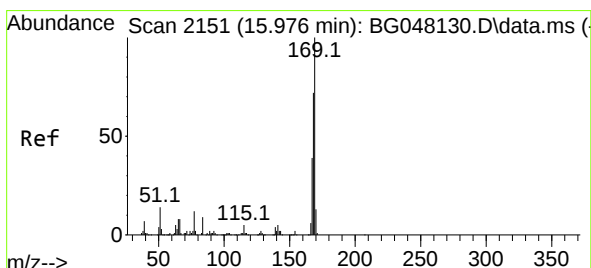
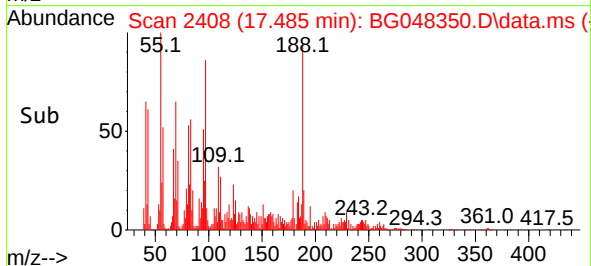
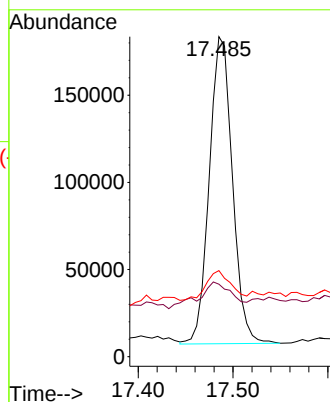
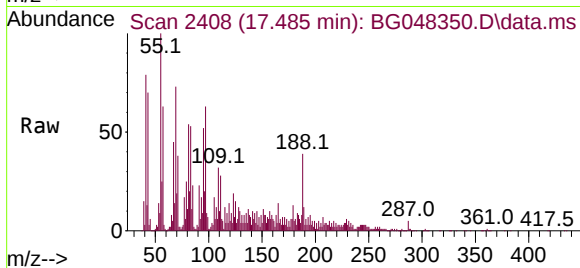
Tgt Ion:188 Resp: 298305

Ion Ratio Lower Upper

188 100

94 22.7 6.3 9.5#

80 26.9 7.0 10.6#



#66

n-Nitrosodiphenylamine

Concen: 4.08 ng

RT: 15.969 min Scan# 2150

Delta R.T. 0.005 min

Lab File: BG048350.D

Acq: 5 Mar 2021 23:09

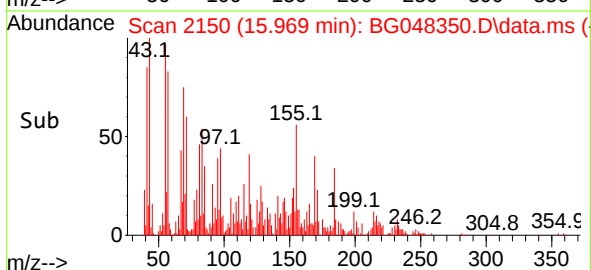
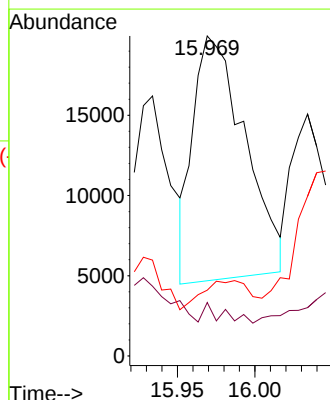
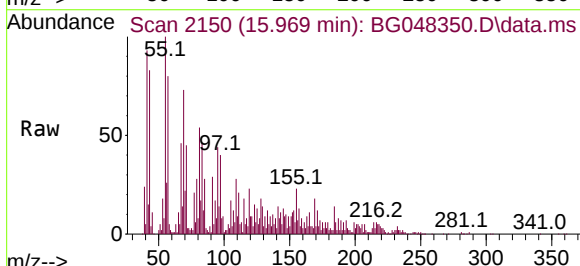
Tgt Ion:169 Resp: 35224

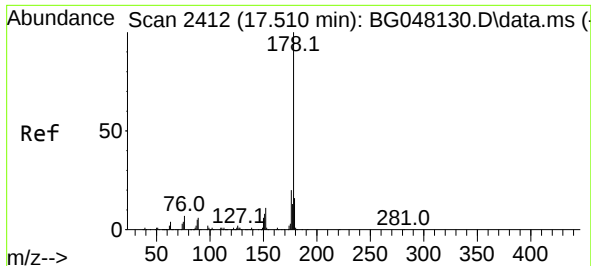
Ion Ratio Lower Upper

169 100

168 16.7 55.5 83.3#

167 20.6 30.5 45.7#

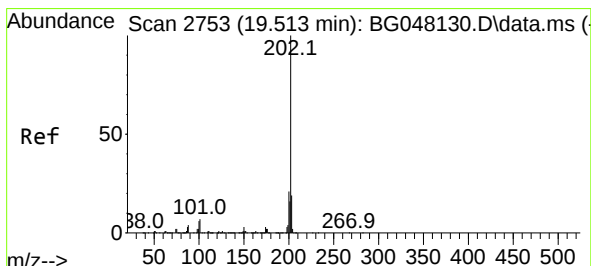
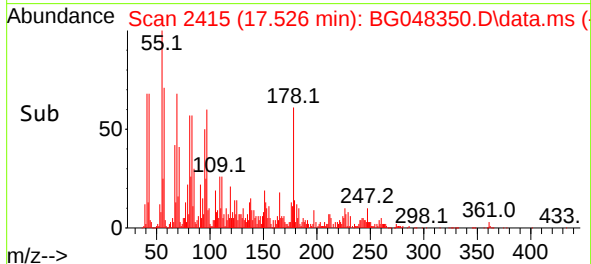
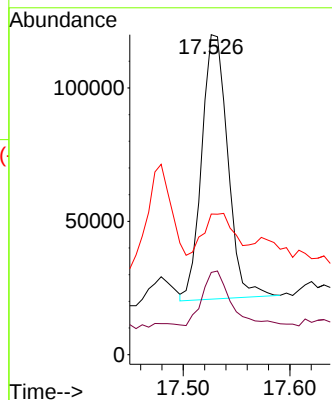
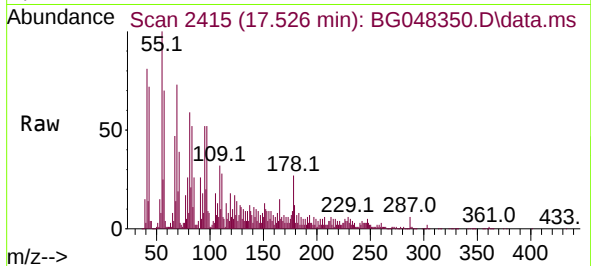




#71
Phenanthrene
Concen: 10.39 ng
RT: 17.526 min Scan# 2415
Delta R.T. 0.028 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

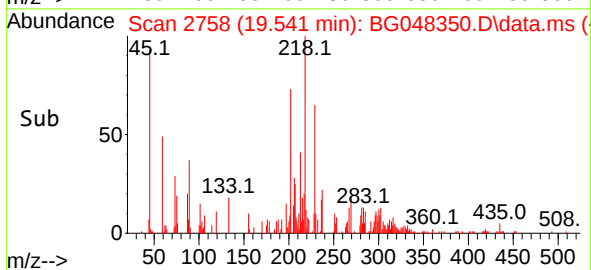
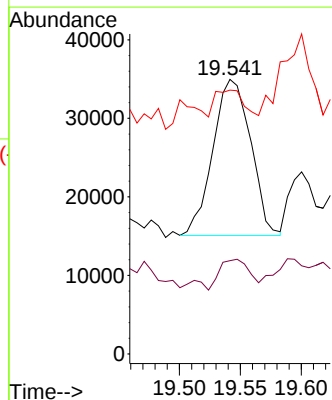
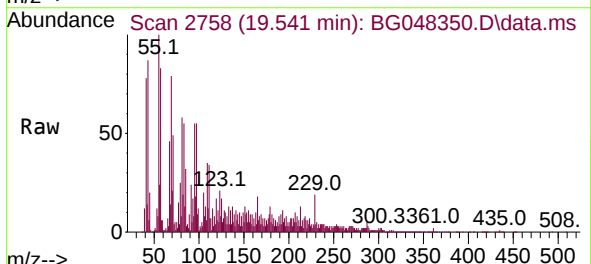
Instrument :
BNA_G
ClientSampled :
1729

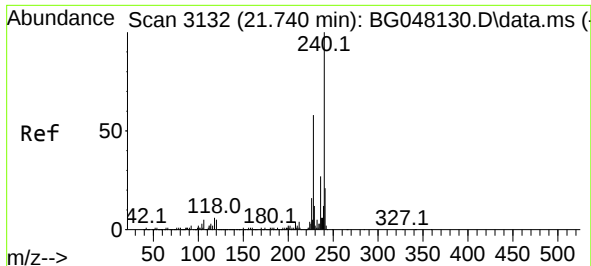
Tgt Ion:178 Resp: 168381
Ion Ratio Lower Upper
178 100
176 25.7 16.7 25.1#
179 44.0 14.0 21.0#



#75
Fluoranthene
Concen: 2.03 ng
RT: 19.541 min Scan# 2758
Delta R.T. 0.040 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:202 Resp: 42835
Ion Ratio Lower Upper
202 100
101 34.0 0.0 29.7#
203 96.1 0.0 39.2#

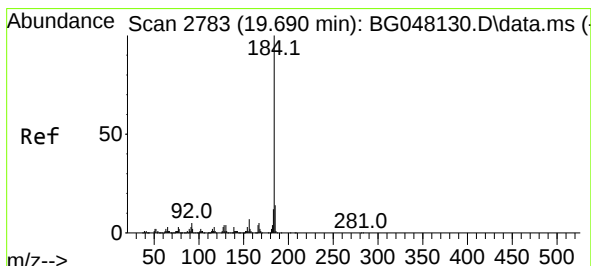
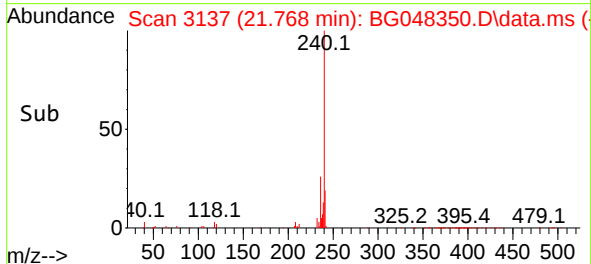
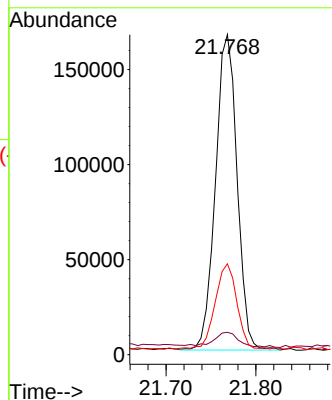
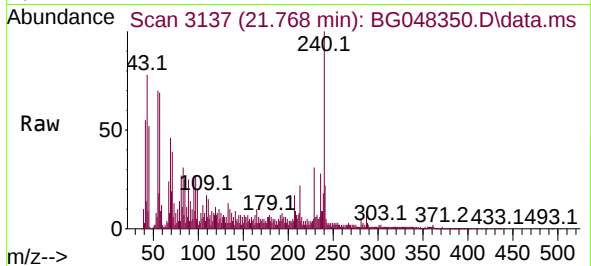




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.768 min Scan# 3137
Delta R.T. 0.040 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

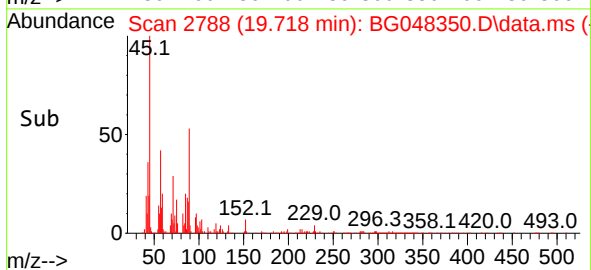
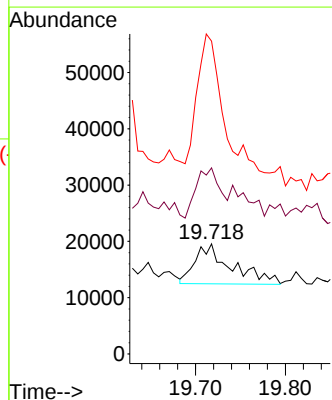
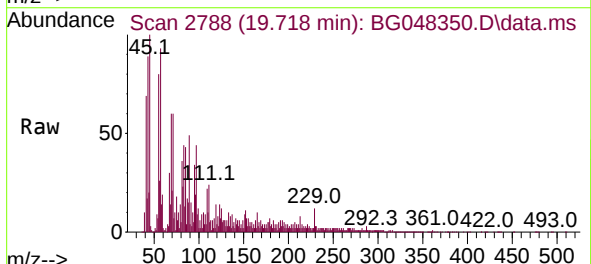
Instrument :
BNA_G
ClientSampleId :
1729

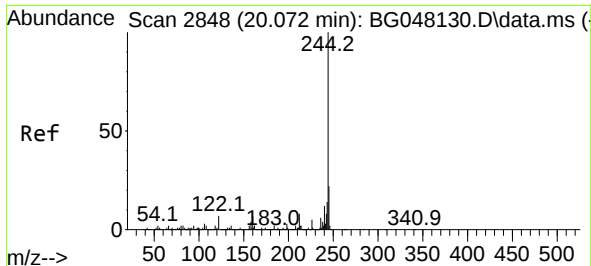
Tgt Ion:240 Resp: 276846
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 28.4 20.5 30.7



#77
Benzidine
Concen: 2.19 ng
RT: 19.718 min Scan# 2788
Delta R.T. 0.034 min
Lab File: BG048350.D
Acq: 5 Mar 2021 23:09

Tgt Ion:184 Resp: 19842
Ion Ratio Lower Upper
184 100
185 169.0 12.4 18.6#
183 284.0 10.6 15.8#

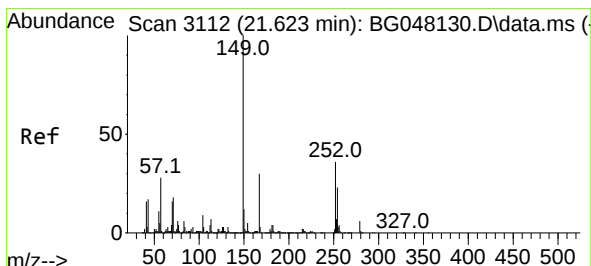
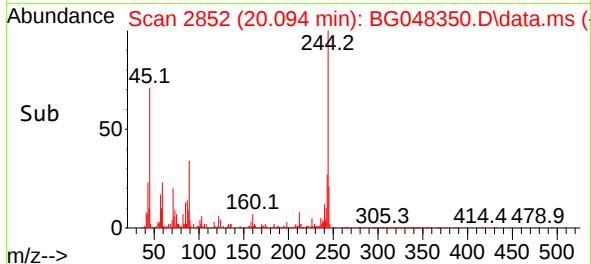
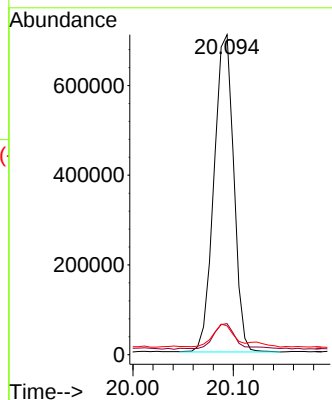
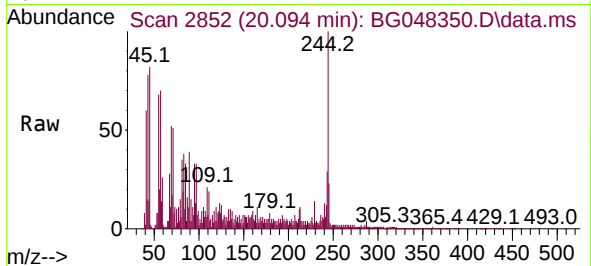




#79
 Terphenyl-d14
 Concen: 63.82 ng
 RT: 20.094 min Scan# 2852
 Delta R.T. 0.040 min
 Lab File: BG048350.D
 Acq: 5 Mar 2021 23:09

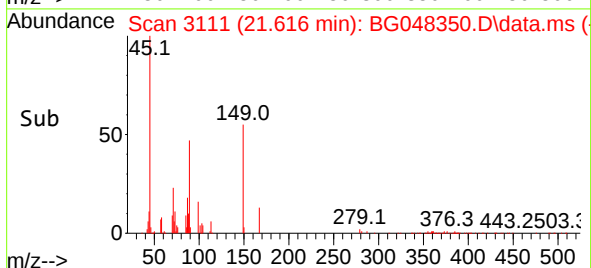
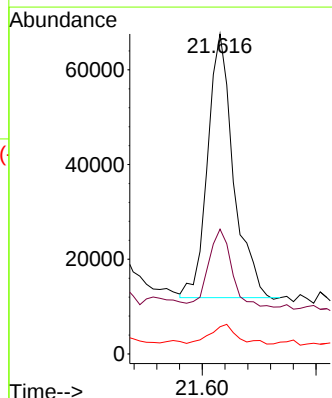
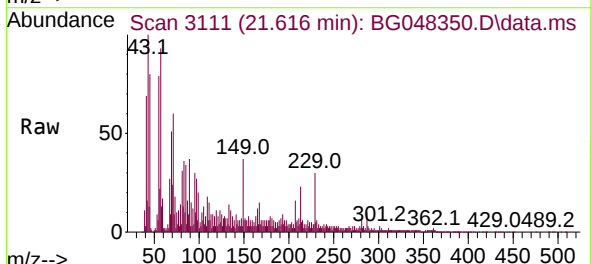
Instrument :
 BNA_G
 ClientSampleId :
 1729

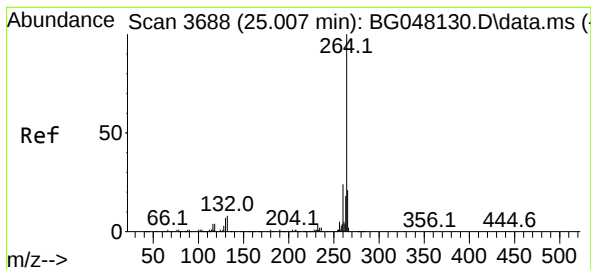
Tgt Ion:244 Resp: 966933
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.7 10.1
 122 9.0 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.23 ng
 RT: 21.616 min Scan# 3111
 Delta R.T. 0.034 min
 Lab File: BG048350.D
 Acq: 5 Mar 2021 23:09

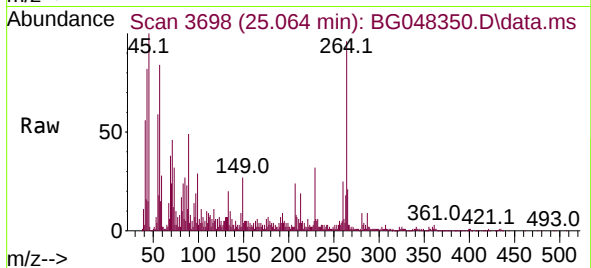
Tgt Ion:149 Resp: 87837
 Ion Ratio Lower Upper
 149 100
 167 39.0 24.8 37.2#
 279 8.5 4.6 7.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.064 min Scan# 3698
 Delta R.T. 0.075 min
 Lab File: BG048350.D
 Acq: 5 Mar 2021 23:09

Instrument :
 BNA_G
 ClientSampleId :
 1729



Tgt Ion:264 Resp: 254969

Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.8	28.2
265	22.3	17.8	26.8

