

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048349.D
 Acq On : 5 Mar 2021 22:29
 Operator : CG/JU
 Sample : M1553-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 30-31

Quant Time: Mar 06 01:02:40 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)

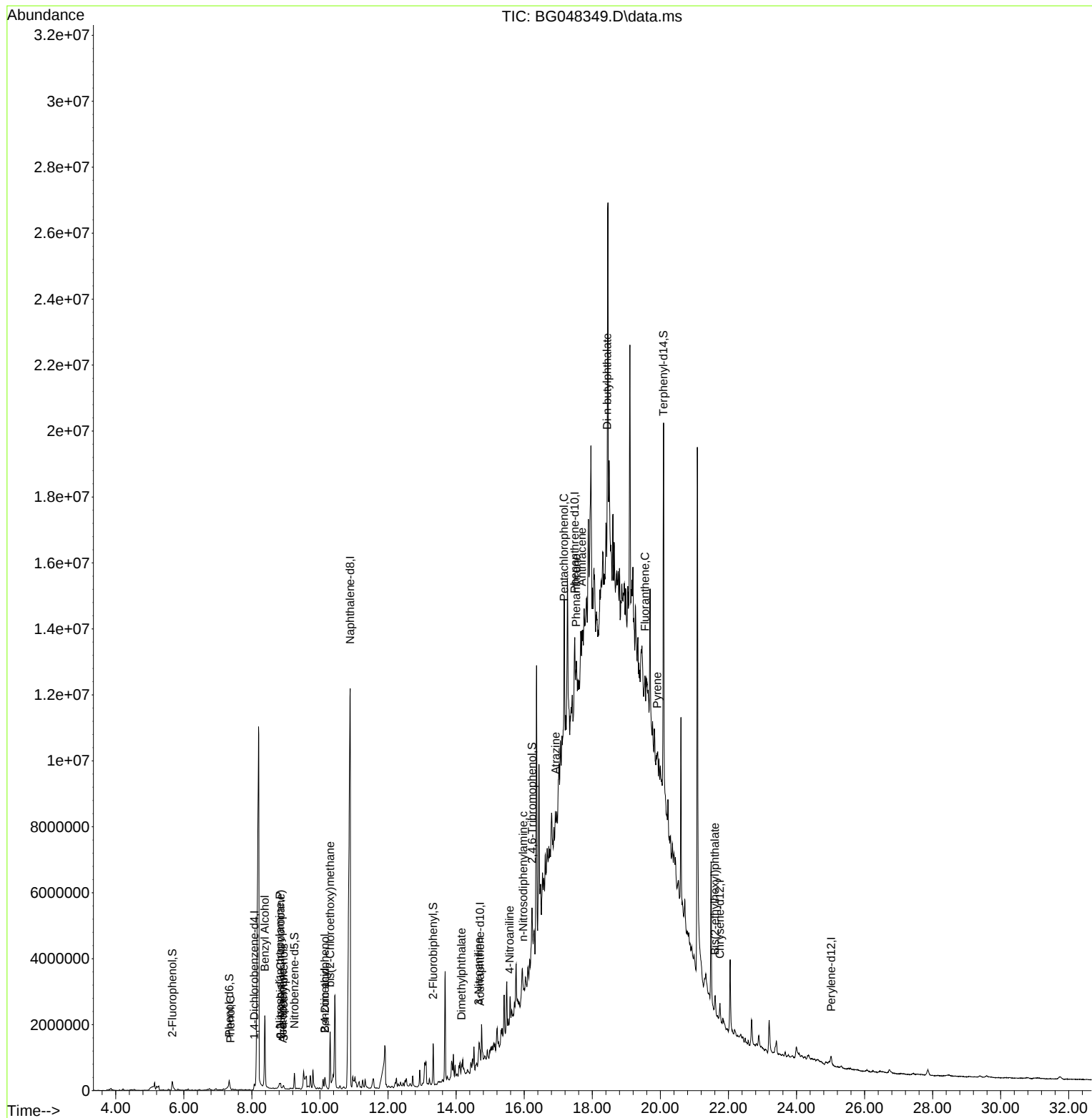
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	42569	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	211104	20.00	ng	# 0.00
39) Acenaphthene-d10	14.707	164	115920	20.00	ng	0.00
64) Phenanthrene-d10	17.486	188	321605	20.00	ng	# 0.03
76) Chrysene-d12	21.752	240	276998	20.00	ng	# 0.02
86) Perylene-d12	25.018	264	256747	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	126855	50.73	ng	0.01
7) Phenol-d6	7.339	99	128695	33.87	ng	0.05
23) Nitrobenzene-d5	9.249	82	274662	55.04	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	192789	103.98	ng	0.02
45) 2-Fluorobiphenyl	13.326	172	576370	69.71	ng	0.00
79) Terphenyl-d14	20.089	244	1131713	74.66	ng	0.03
Target Compounds						Qvalue
10) Phenol	7.369	94	24357	6.34	ng	# 64
15) Benzyl Alcohol	8.379	79	76211	22.76	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.843	45	31537	8.13	ng	79
19) n-Nitroso-di-n-propyla...	8.820	70	21770	7.42	ng	# 55
20) 3+4-Methylphenols	8.931	107	18225	5.22	ng	# 74
22) Acetophenone	8.902	105	17333	2.86	ng	# 81
27) 2,4-Dimethylphenol	10.142	122	31678	9.99	ng	# 80
28) bis(2-Chloroethoxy)met...	10.300	93	65222	13.48	ng	# 1
32) Benzoic acid	10.142	122	31678	16.43	ng	# 29
50) Dimethylphthalate	14.161	163	31204	3.22	ng	# 93
53) 3-Nitroaniline	14.666	138	6146	2.87	ng	# 72
62) 4-Nitroaniline	15.571	138	22941	10.31	ng	91
66) n-Nitrosodiphenylamine	15.970	169	43413	4.67	ng	# 47
69) Atrazine	16.928	200	8813	2.28	ng	# 1
70) Pentachlorophenol	17.169	266	9765	3.49	ng	# 91
71) Phenanthrene	17.527	178	196473	11.25	ng	# 62
72) Anthracene	17.692	178	49793	2.87	ng	# 1
74) Di-n-butylphthalate	18.438	149	138974	7.65	ng	# 35
75) Fluoranthene	19.548	202	54980	2.42	ng	# 1
78) Pyrene	19.907	202	43489	2.25	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.599	149	91695	9.63	ng	# 95

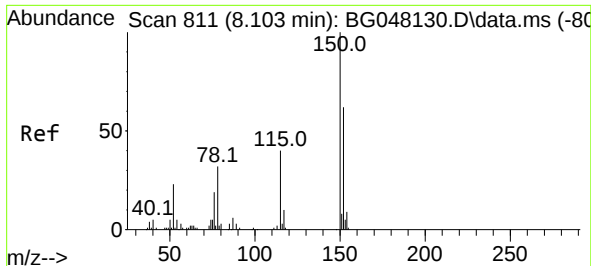
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048349.D
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Instrument :
BNA_G
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Quant Time: Mar 06 01:02:40 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

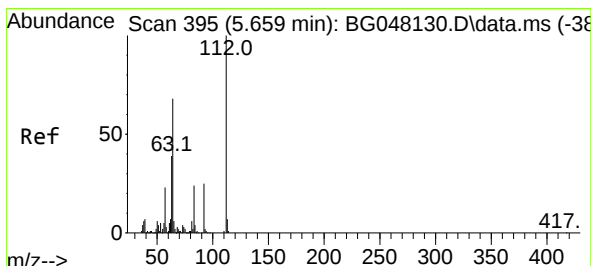
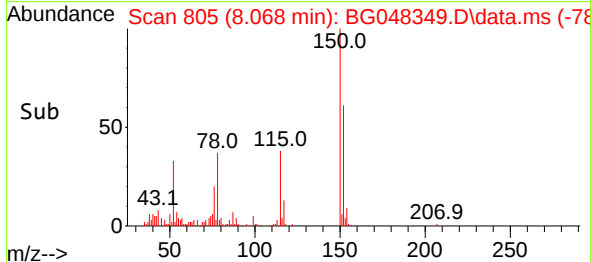
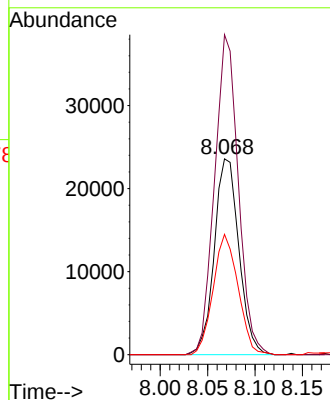
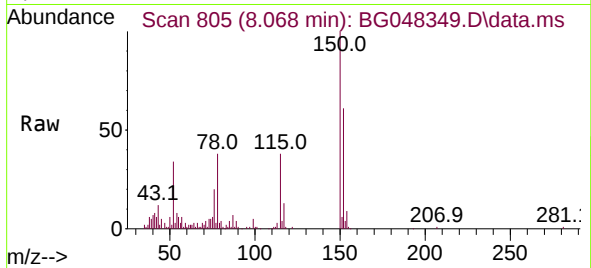




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.068 min Scan# 805
Delta R.T. -0.006 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

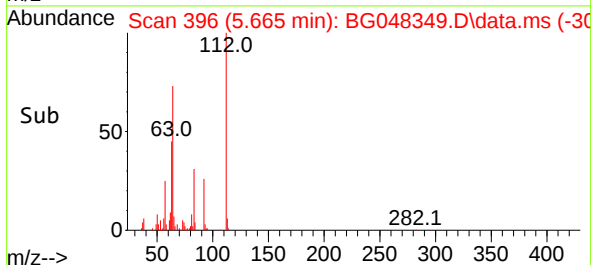
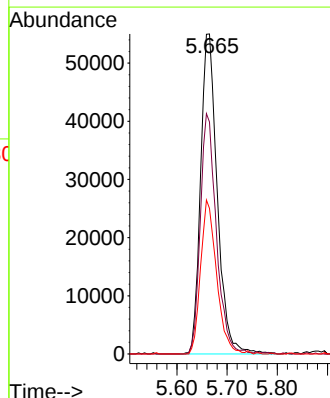
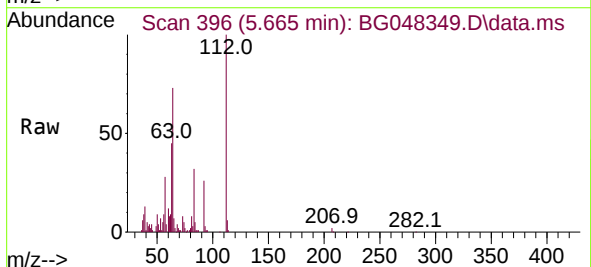
Instrument :
BNA_G
ClientSampleId :
30-31

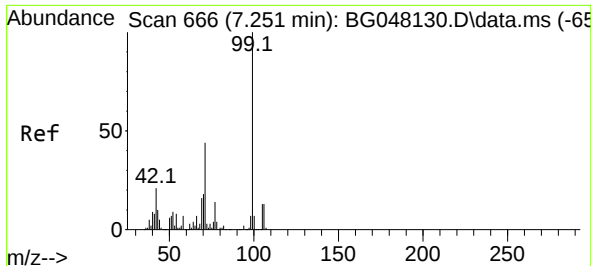
Tgt Ion:152 Resp: 42569
Ion Ratio Lower Upper
152 100
150 163.4 125.0 187.6
115 61.4 41.8 62.6



#5
2-Fluorophenol
Concen: 50.73 ng
RT: 5.665 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:112 Resp: 126855
Ion Ratio Lower Upper
112 100
64 72.5 46.7 70.1#
63 45.5 22.8 34.2#

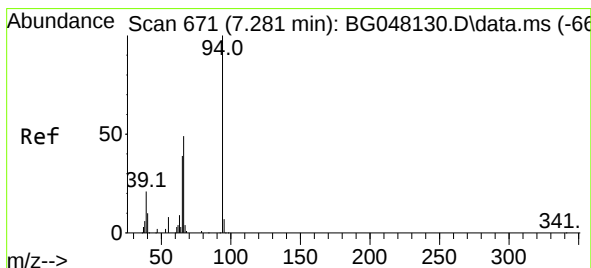
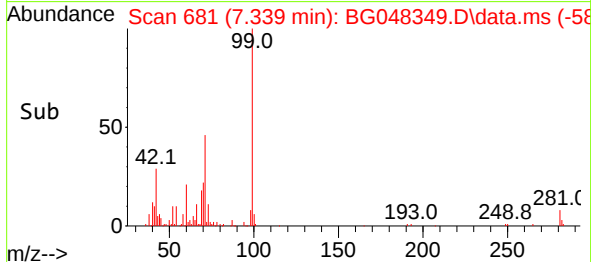
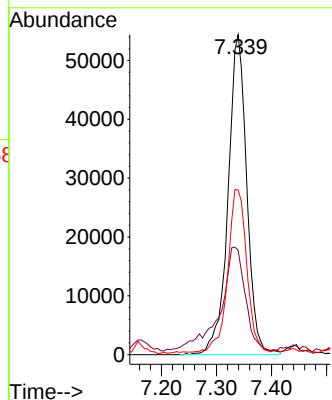
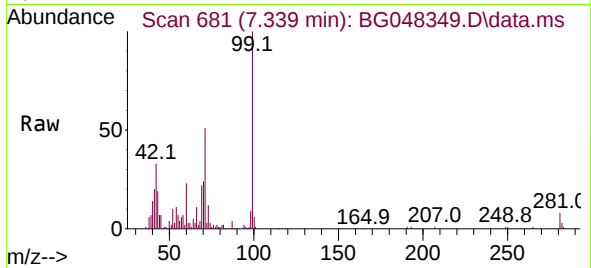




#7
Phenol-d6
Concen: 33.87 ng
RT: 7.339 min Scan# 681
Delta R.T. 0.053 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

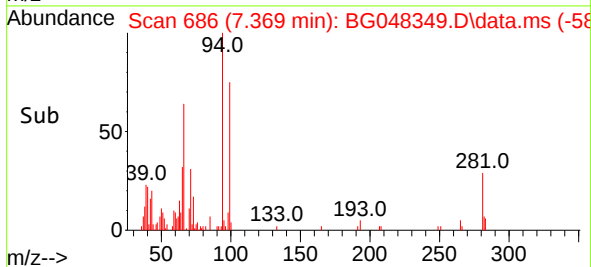
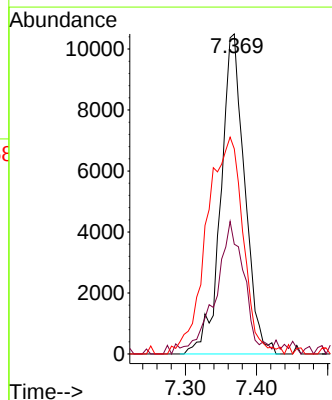
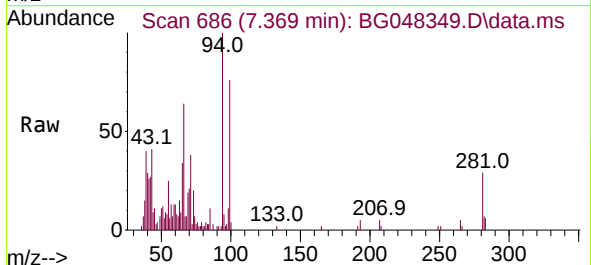
Instrument :
BNA_G
ClientSampleId :
30-31

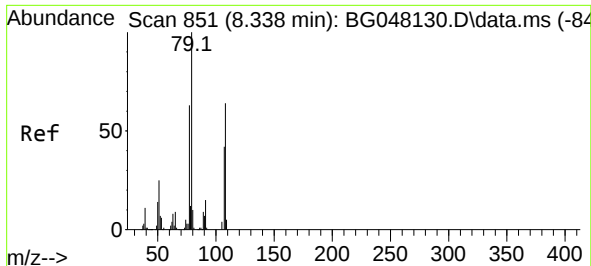
Tgt Ion: 99 Resp: 128695
Ion Ratio Lower Upper
99 100
42 32.6 12.8 19.2#
71 51.4 24.6 36.8#



#10
Phenol
Concen: 6.34 ng
RT: 7.369 min Scan# 686
Delta R.T. 0.058 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion: 94 Resp: 24357
Ion Ratio Lower Upper
94 100
65 34.3 6.6 46.6
66 64.1 13.9 53.9#

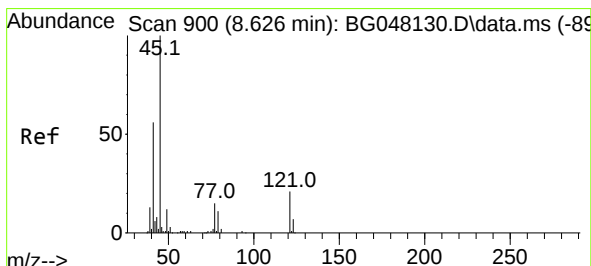
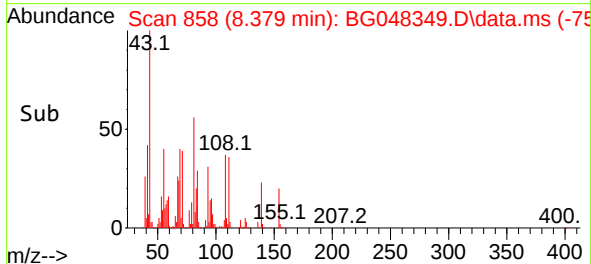
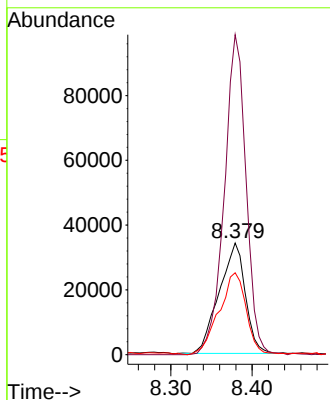
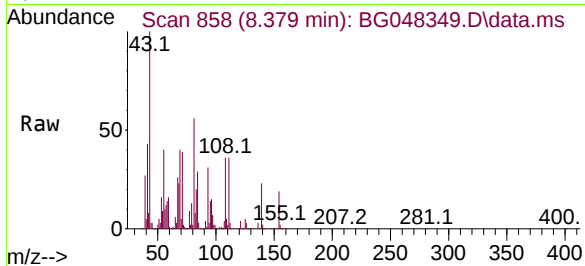




#15
Benzyl Alcohol
Concen: 22.76 ng
RT: 8.379 min Scan# 858
Delta R.T. 0.053 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

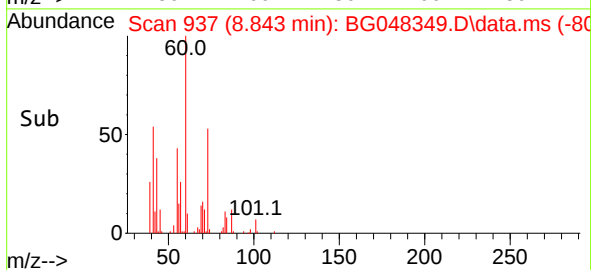
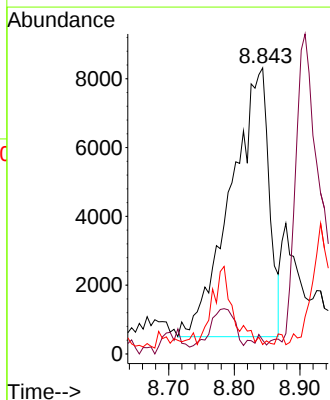
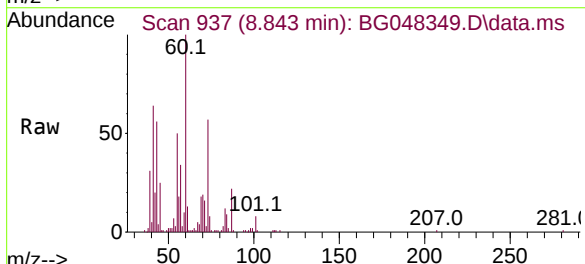
Instrument :
BNA_G
ClientSampled :
30-31

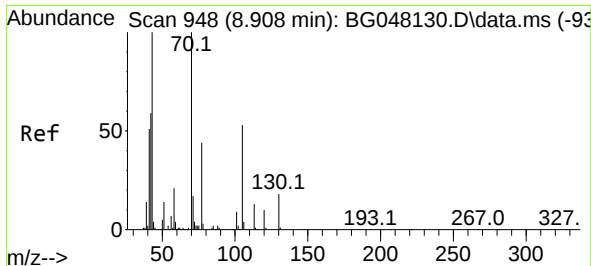
Tgt Ion: 79 Resp: 76211
Ion Ratio Lower Upper
79 100
108 286.5 65.5 98.3#
77 73.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.13 ng
RT: 8.843 min Scan# 937
Delta R.T. 0.241 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

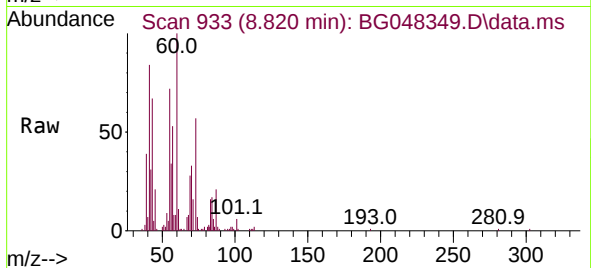
Tgt Ion: 45 Resp: 31537
Ion Ratio Lower Upper
45 100
77 4.8 0.0 33.4
79 3.3 0.0 30.8



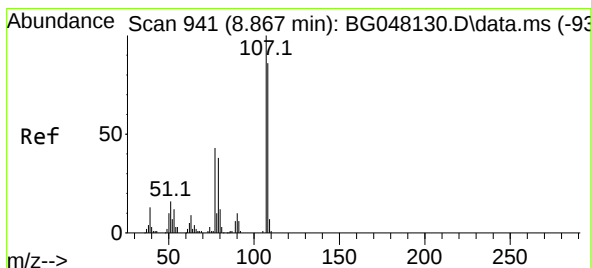
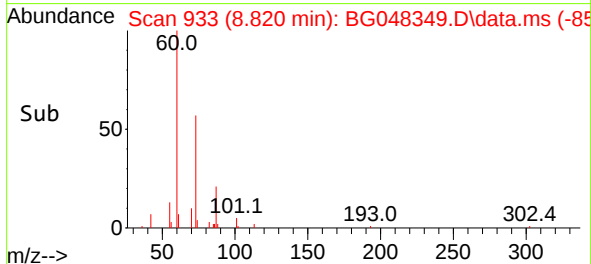
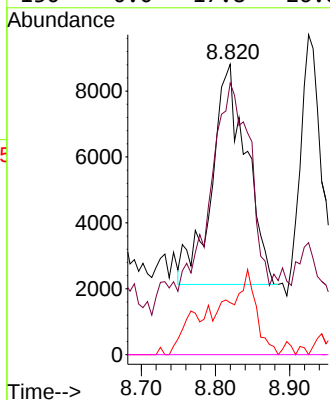


#19
n-Nitroso-di-n-propylamine
Concen: 7.42 ng
RT: 8.820 min Scan# 933
Delta R.T. -0.059 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Instrument :
BNA_G
ClientSampleId :
30-31

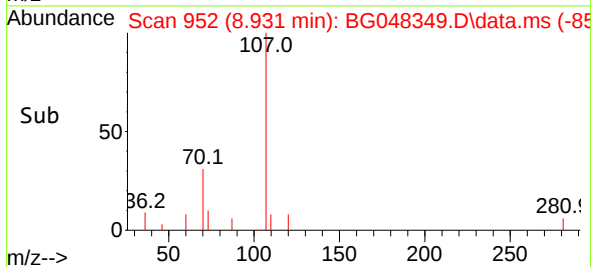
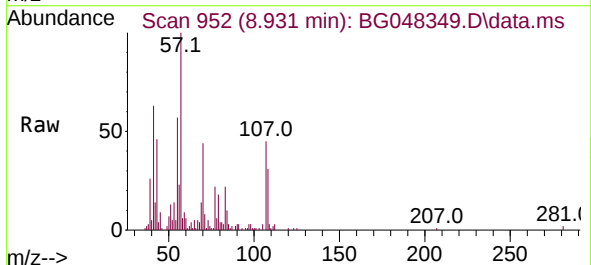
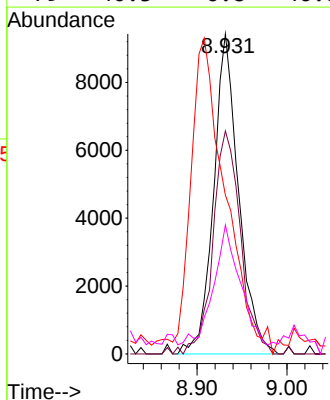


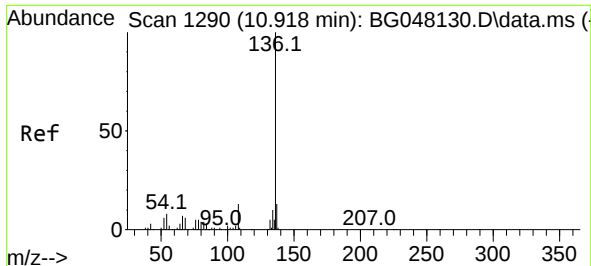
Tgt Ion:	70	Resp:	21770
Ion	Ratio	Lower	Upper
70	100		
42	93.6	45.6	68.4#
101	17.9	8.4	12.6#
130	0.0	17.8	26.8#



#20
3+4-Methylphenols
Concen: 5.22 ng
RT: 8.931 min Scan# 952
Delta R.T. 0.041 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:	107	Resp:	18225
Ion	Ratio	Lower	Upper
107	100		
108	69.7	70.6	110.6#
77	49.6	10.2	50.2
79	40.3	6.8	46.8

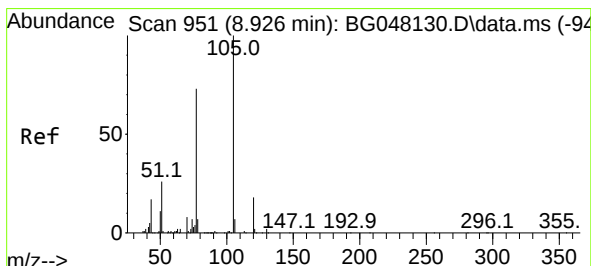
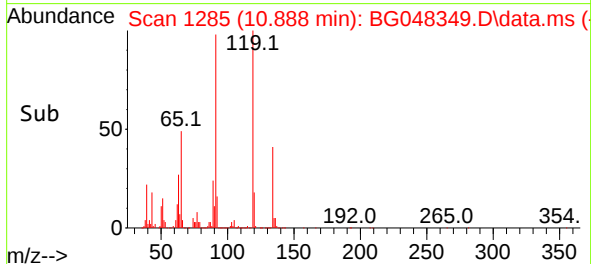
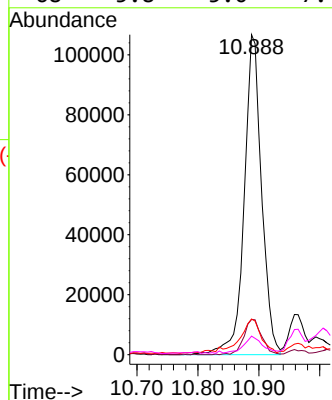
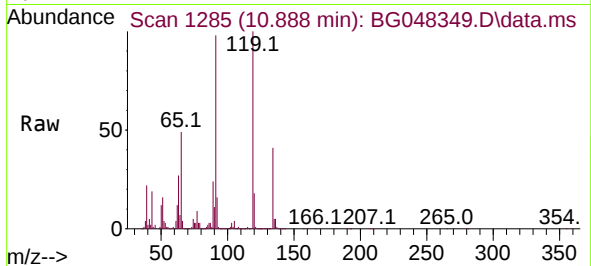




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

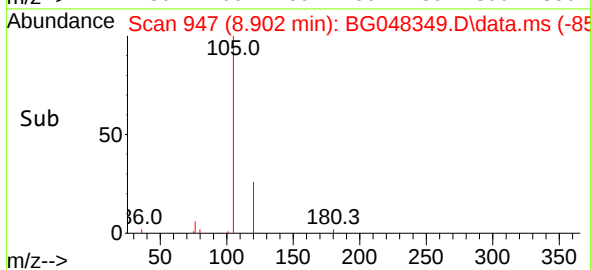
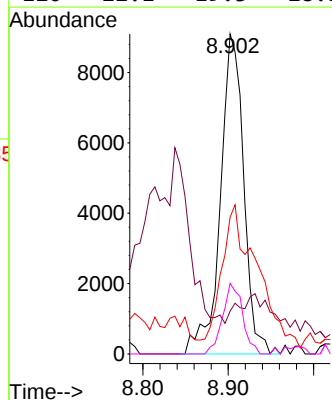
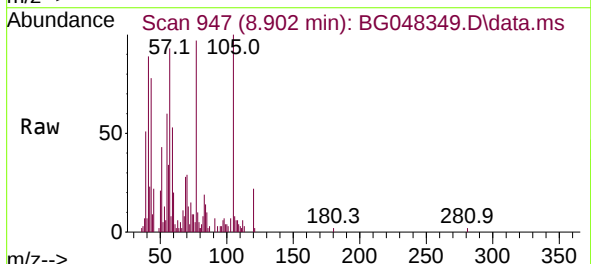
Instrument :
BNA_G
ClientSampled :
30-31

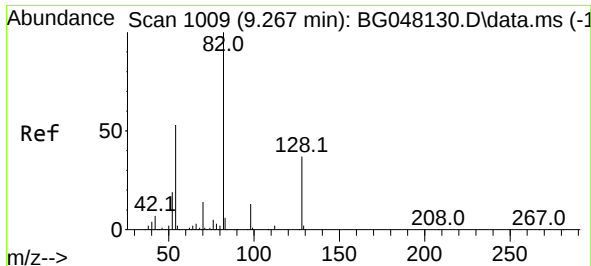
Tgt Ion:136 Resp: 211104
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 11.2 6.2 9.4#
68 5.8 5.0 7.4



#22
Acetophenone
Concen: 2.86 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:105 Resp: 17333
Ion Ratio Lower Upper
105 100
71 13.4 2.7 4.1#
51 42.7 21.0 31.6#
120 22.1 19.3 28.9

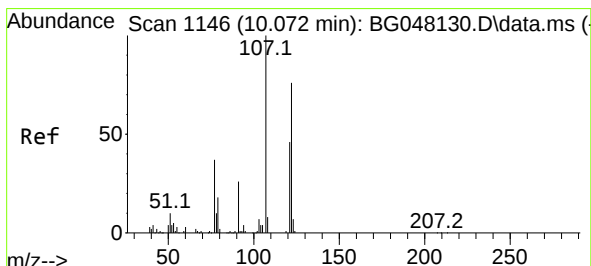
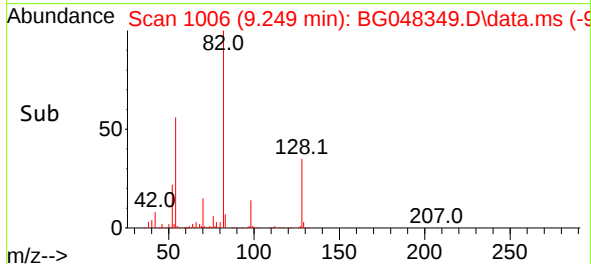
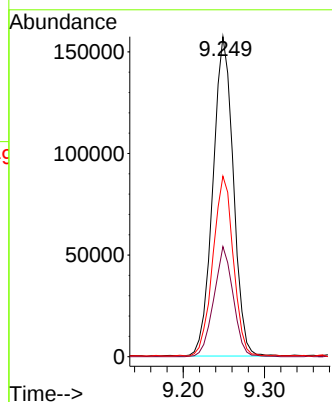
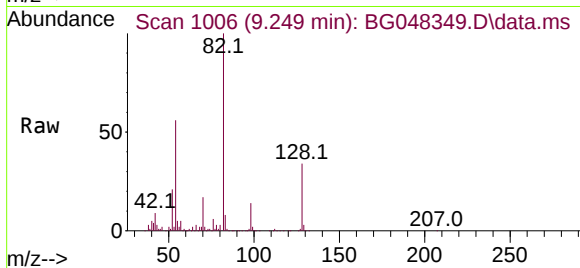




#23
Nitrobenzene-d5
Concen: 55.04 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

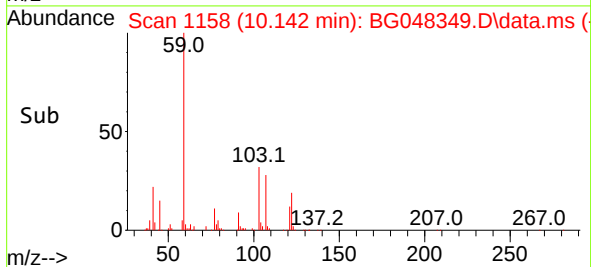
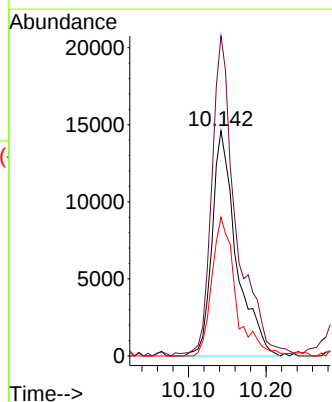
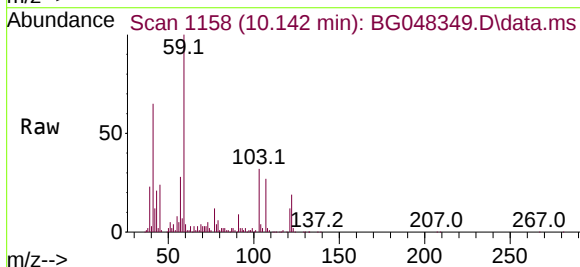
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BNA_G
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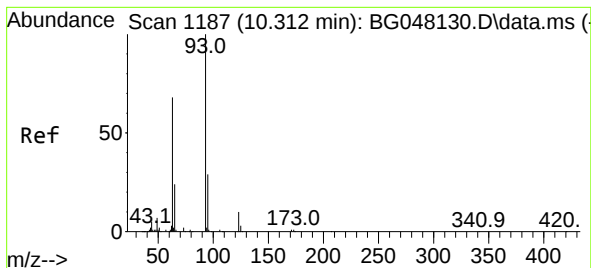
Tgt Ion: 82 Resp: 274662
Ion Ratio Lower Upper
82 100
128 34.4 37.0 55.6#
54 56.4 39.0 58.4



#27
2,4-Dimethylphenol
Concen: 9.99 ng
RT: 10.142 min Scan# 1158
Delta R.T. 0.058 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:122 Resp: 31678
Ion Ratio Lower Upper
122 100
107 142.2 89.2 133.8#
121 61.7 46.9 70.3

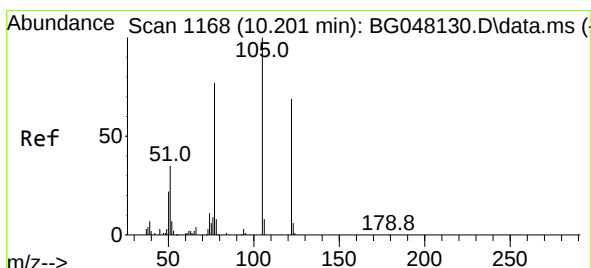
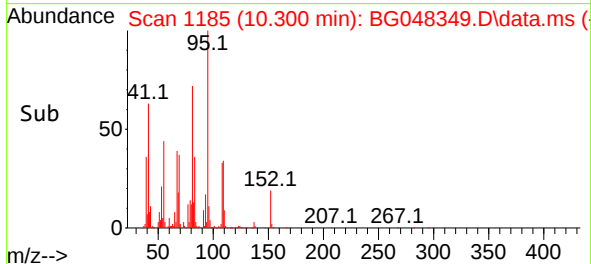
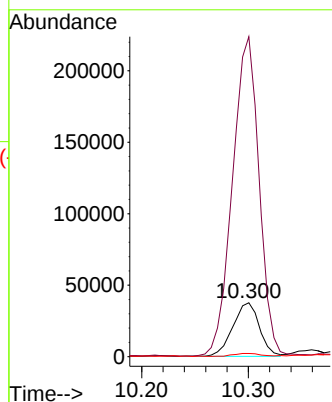
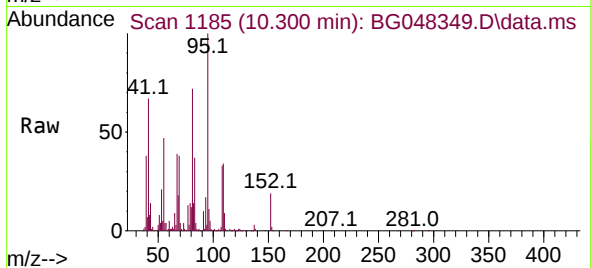




#28
bis(2-Chloroethoxy)methane
Concen: 13.48 ng
RT: 10.300 min Scan# 1185
Delta R.T. 0.011 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

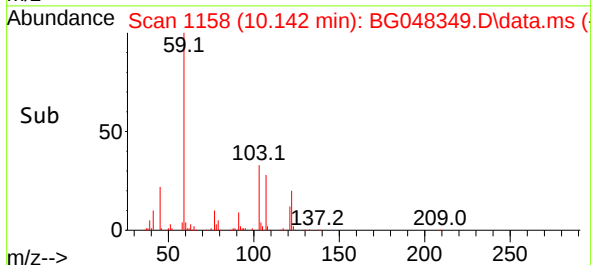
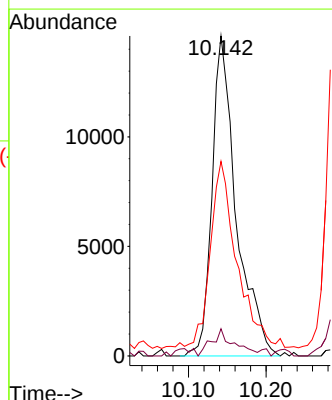
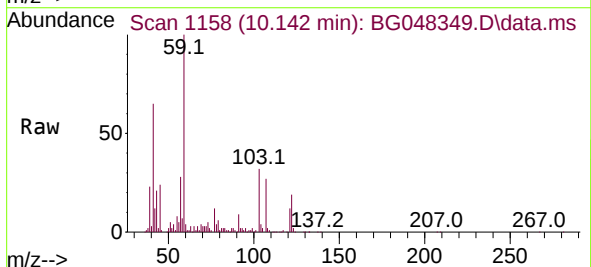
Instrument :
BNA_G
ClientSampleId :
30-31

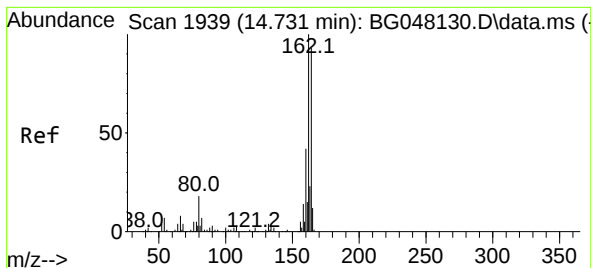
Tgt Ion: 93 Resp: 65222
Ion Ratio Lower Upper
93 100
95 592.9 26.5 39.7#
123 6.1 9.4 14.0#



#32
Benzoic acid
Concen: 16.43 ng
RT: 10.142 min Scan# 1158
Delta R.T. -0.112 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:122 Resp: 31678
Ion Ratio Lower Upper
122 100
105 8.5 103.7 143.7#
77 60.8 63.0 103.0#

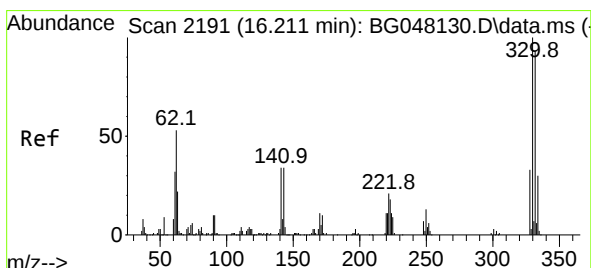
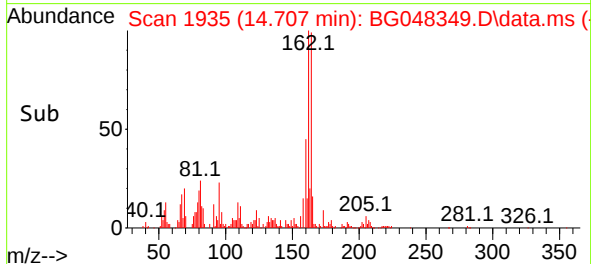
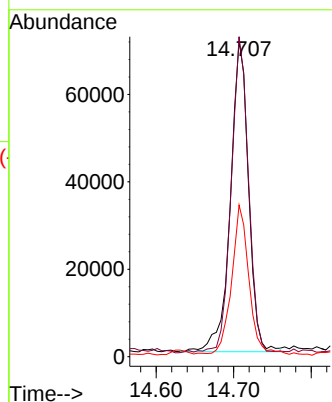
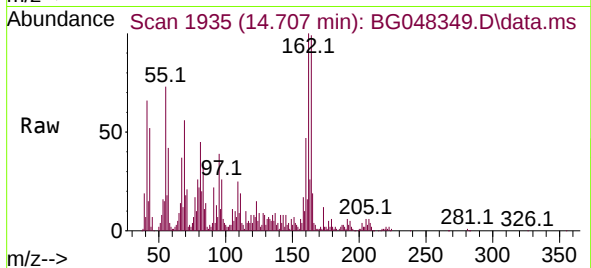




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.707 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

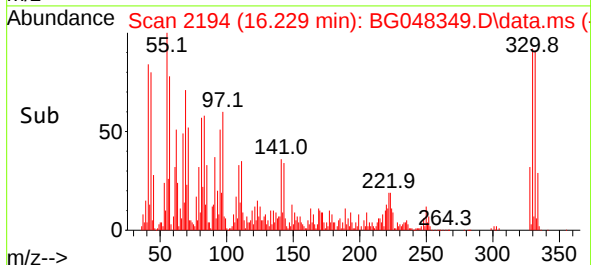
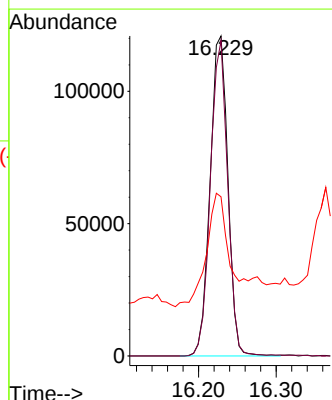
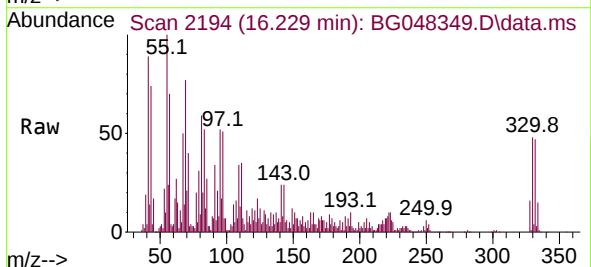
Instrument :
BNA_G
ClientSampled :
30-31

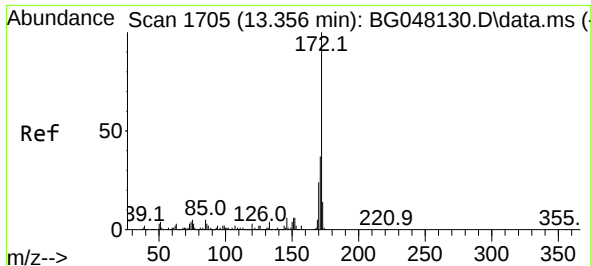
Tgt Ion:164 Resp: 115920
Ion Ratio Lower Upper
164 100
162 101.5 82.3 123.5
160 48.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 103.98 ng
RT: 16.229 min Scan# 2194
Delta R.T. 0.023 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:330 Resp: 192789
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 42.4 26.0 39.0#

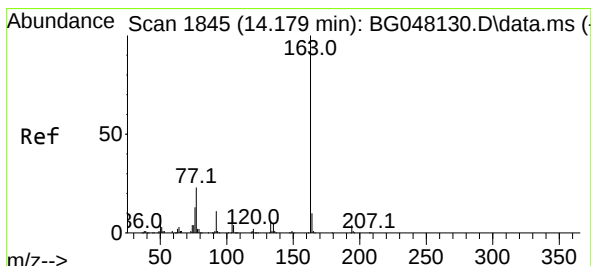
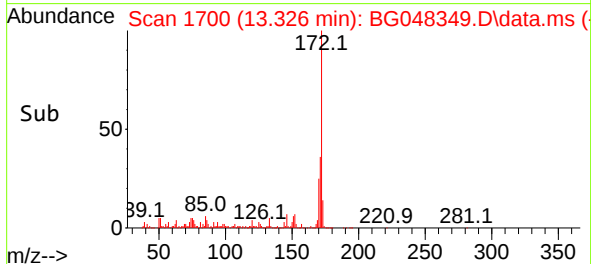
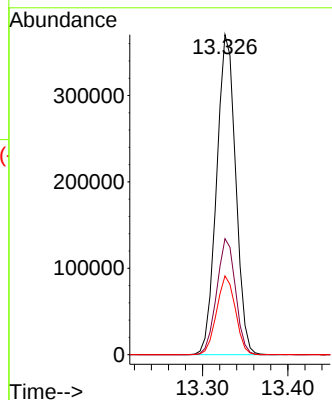
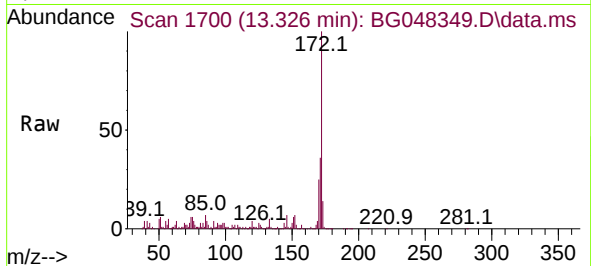




#45
2-Fluorobiphenyl
Concen: 69.71 ng
RT: 13.326 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

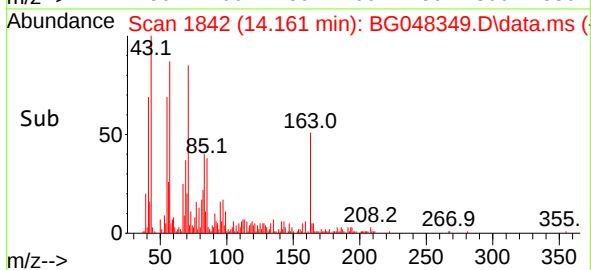
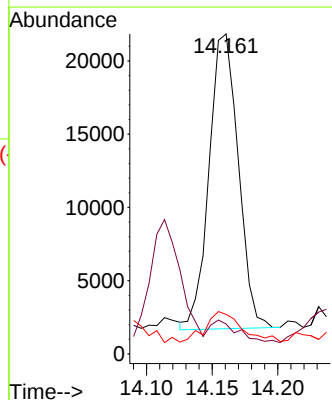
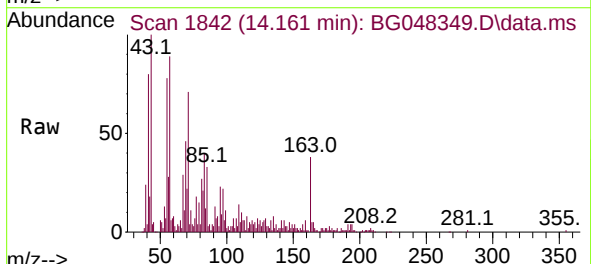
Instrument :
BNA_G
ClientSampled :
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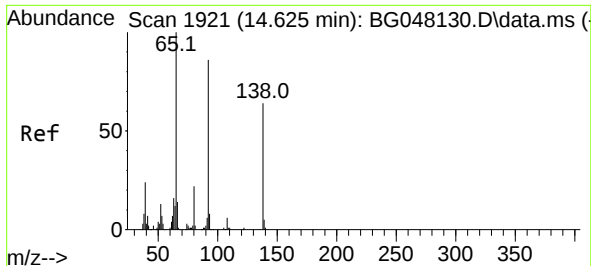
Tgt Ion:172 Resp: 576370
Ion Ratio Lower Upper
172 100
171 36.2 31.3 46.9
170 24.6 20.8 31.2



#50
Dimethylphthalate
Concen: 3.22 ng
RT: 14.161 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:163 Resp: 31204
Ion Ratio Lower Upper
163 100
194 9.4 3.8 5.8#
164 12.3 8.8 13.2

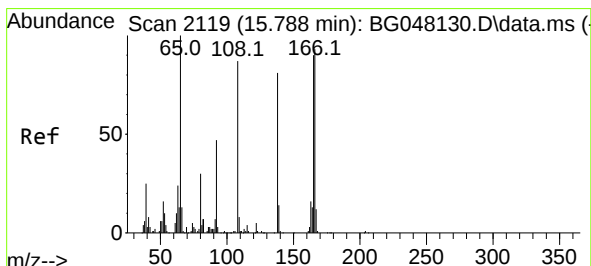
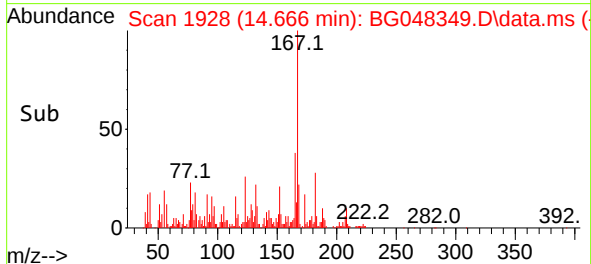
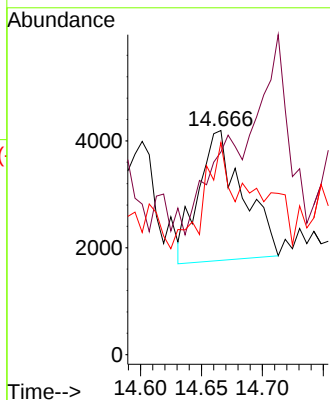
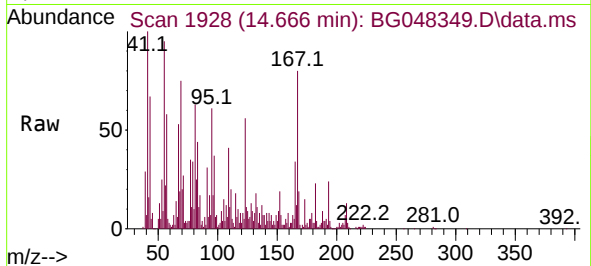




#53
3-Nitroaniline
Concen: 2.87 ng
RT: 14.666 min Scan# 1928
Delta R.T. 0.023 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

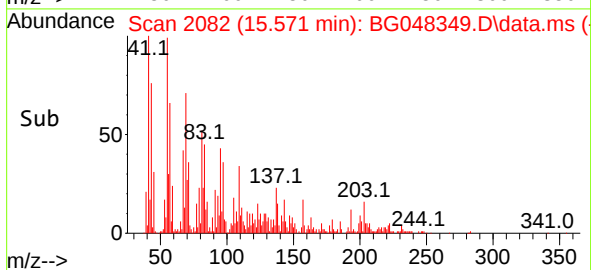
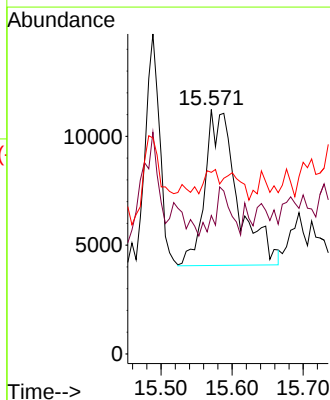
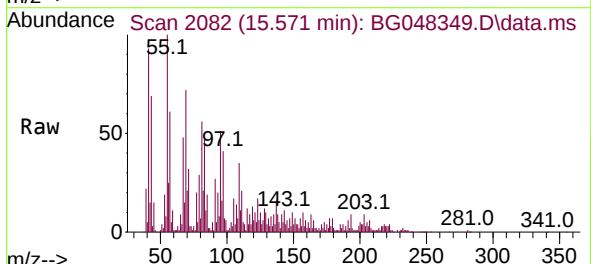
Instrument :
BNA_G
ClientSampled :
30-31

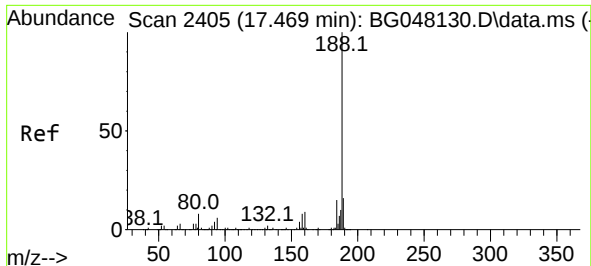
Tgt Ion:138 Resp: 6146
Ion Ratio Lower Upper
138 100
108 90.4 7.4 11.0#
92 94.6 85.2 127.8



#62
4-Nitroaniline
Concen: 10.31 ng
RT: 15.571 min Scan# 2082
Delta R.T. -0.235 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:138 Resp: 22941
Ion Ratio Lower Upper
138 100
92 56.6 26.9 66.9
108 74.3 49.4 89.4

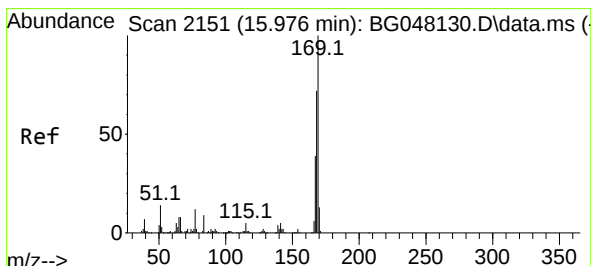
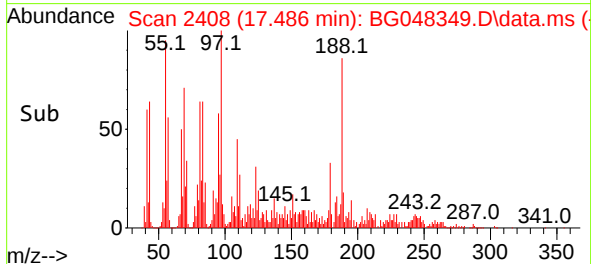
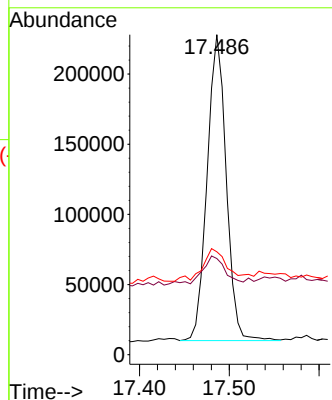
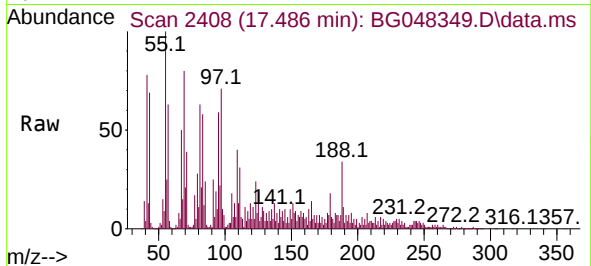




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.486 min Scan# 2408
Delta R.T. 0.029 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

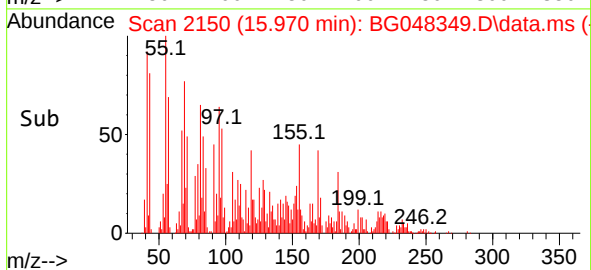
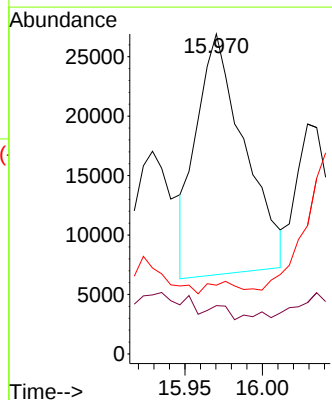
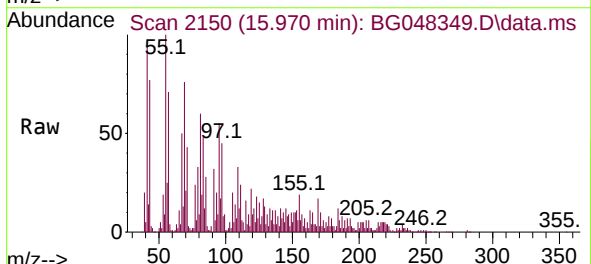
Instrument :
BNA_G
ClientSampleId :
30-31

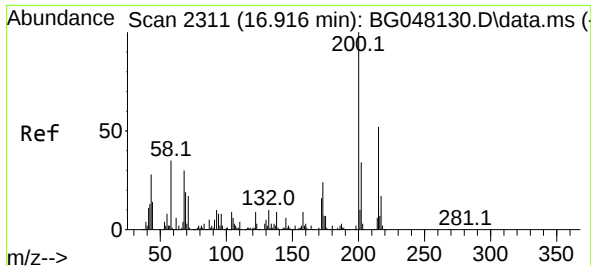
Tgt Ion:188 Resp: 321605
Ion Ratio Lower Upper
188 100
94 30.1 6.3 9.5#
80 32.2 7.0 10.6#



#66
n-Nitrosodiphenylamine
Concen: 4.67 ng
RT: 15.970 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:169 Resp: 43413
Ion Ratio Lower Upper
169 100
168 15.1 55.5 83.3#
167 21.5 30.5 45.7#

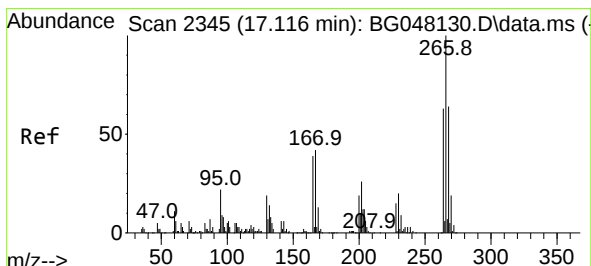
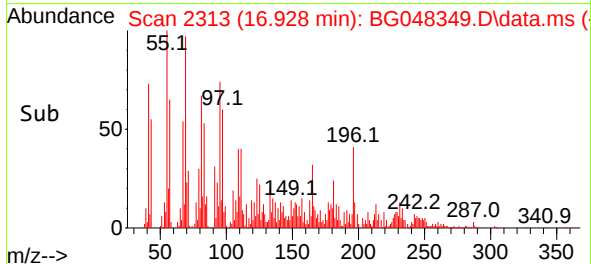
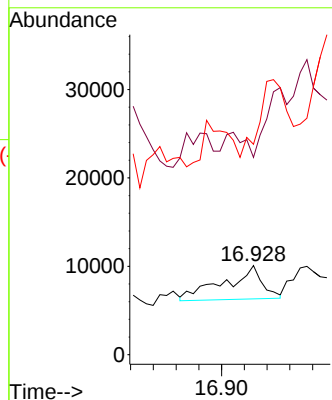
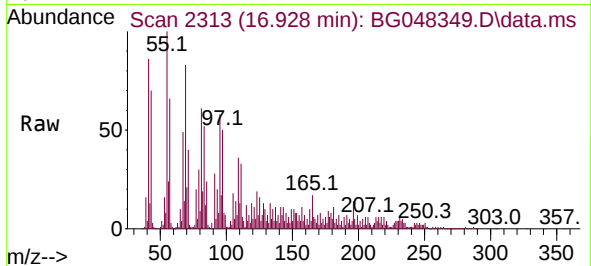




#69
Atrazine
Concen: 2.28 ng
RT: 16.928 min Scan# 2313
Delta R.T. 0.017 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

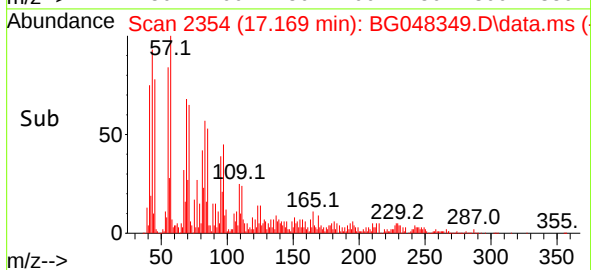
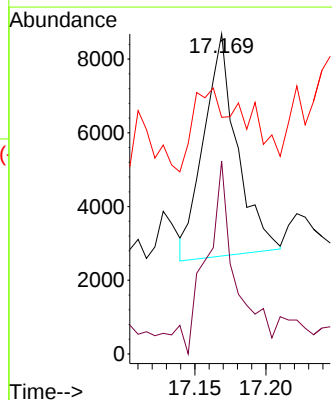
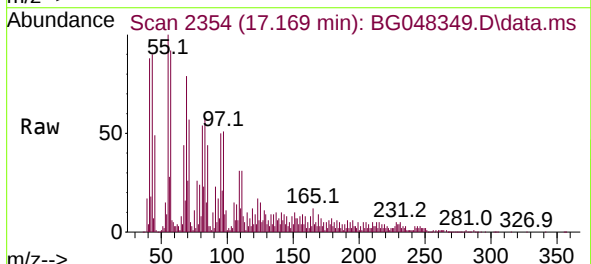
Instrument :
BNA_G
ClientSampled :
30-31

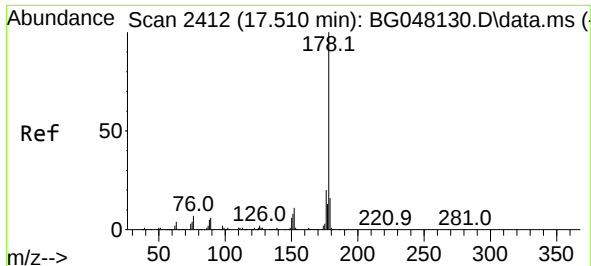
Tgt Ion:200 Resp: 8813
Ion Ratio Lower Upper
200 100
173 221.2 4.2 44.2#
215 235.8 30.0 70.0#



#70
Pentachlorophenol
Concen: 3.49 ng
RT: 17.169 min Scan# 2354
Delta R.T. 0.047 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:266 Resp: 9765
Ion Ratio Lower Upper
266 100
268 60.3 49.8 74.6
264 73.9 49.3 73.9#

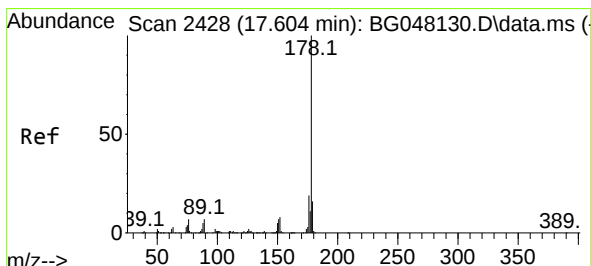
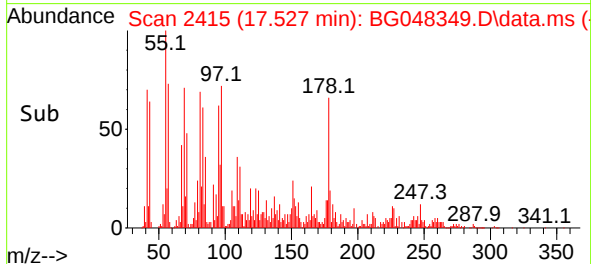
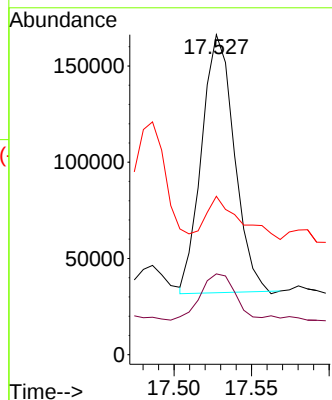
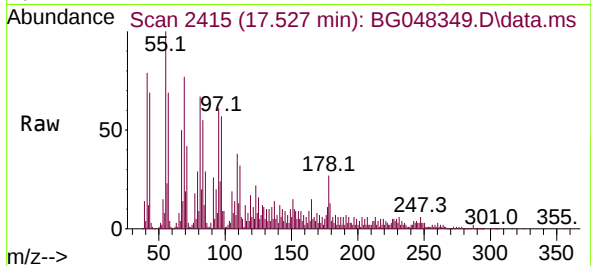




#71
Phenanthrene
Concen: 11.25 ng
RT: 17.527 min Scan# 2415
Delta R.T. 0.029 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

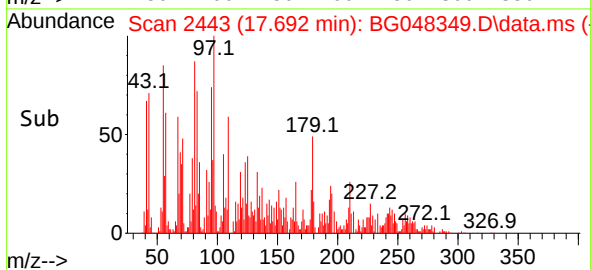
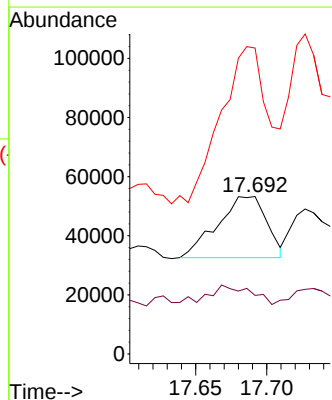
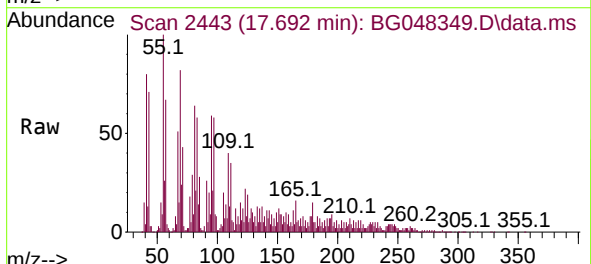
Instrument :
BNA_G
ClientSampleId :
30-31

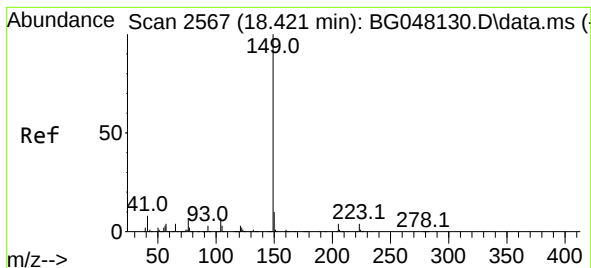
Tgt Ion:178 Resp: 196473
Ion Ratio Lower Upper
178 100
176 25.2 16.7 25.1#
179 49.5 14.0 21.0#



#72
Anthracene
Concen: 2.87 ng
RT: 17.692 min Scan# 2443
Delta R.T. 0.105 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:178 Resp: 49793
Ion Ratio Lower Upper
178 100
176 37.2 16.4 24.6#
179 194.2 13.8 20.6#

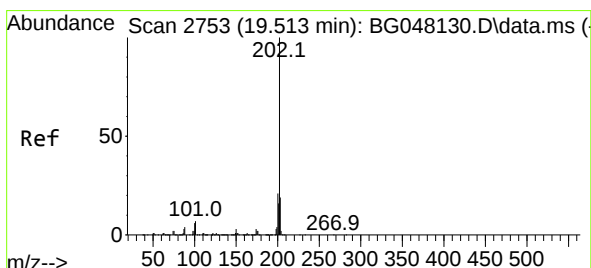
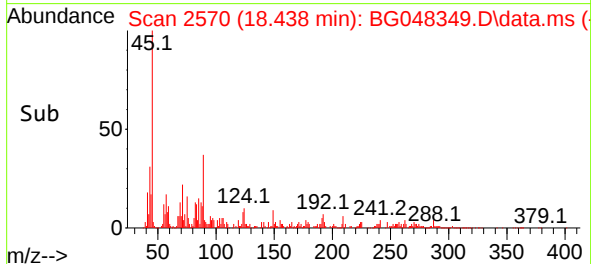
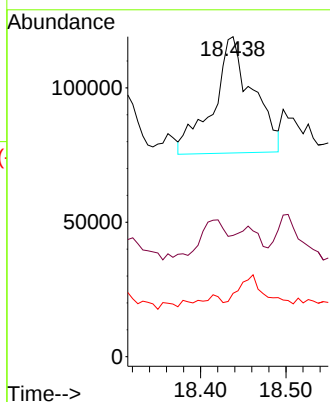
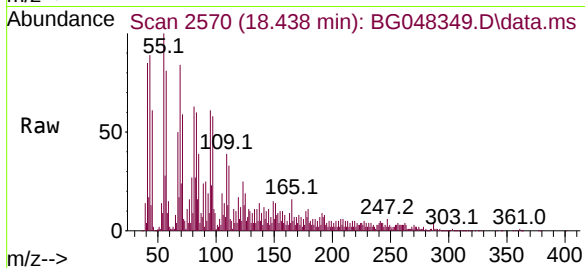




#74
Di-n-butylphthalate
Concen: 7.65 ng
RT: 18.438 min Scan# 2570
Delta R.T. 0.041 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

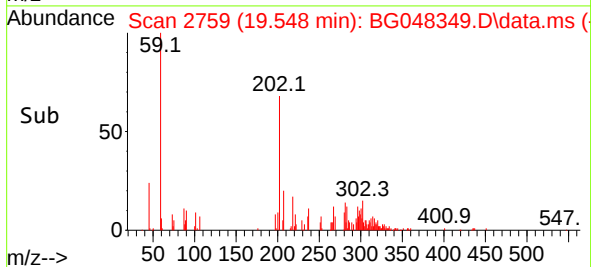
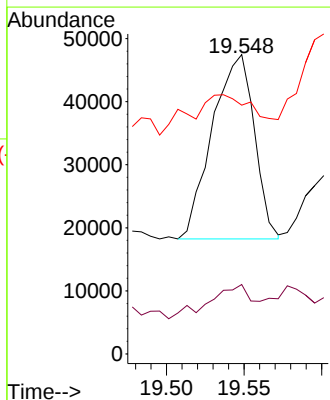
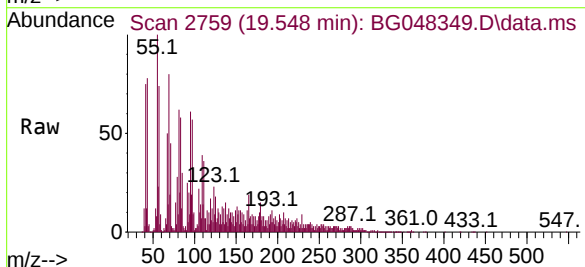
Instrument :
BNA_G
ClientSampled :
30-31

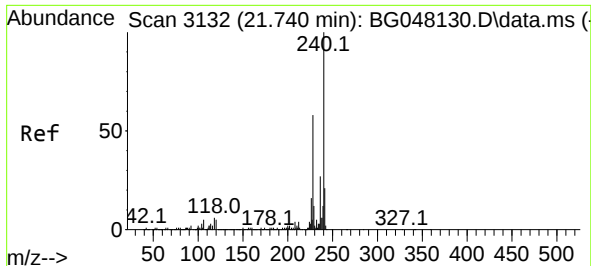
Tgt Ion:149 Resp: 138974
Ion Ratio Lower Upper
149 100
150 37.9 8.2 12.4#
104 19.8 3.8 5.8#



#75
Fluoranthene
Concen: 2.42 ng
RT: 19.548 min Scan# 2759
Delta R.T. 0.047 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:202 Resp: 54980
Ion Ratio Lower Upper
202 100
101 23.2 0.0 29.7
203 83.1 0.0 39.2#

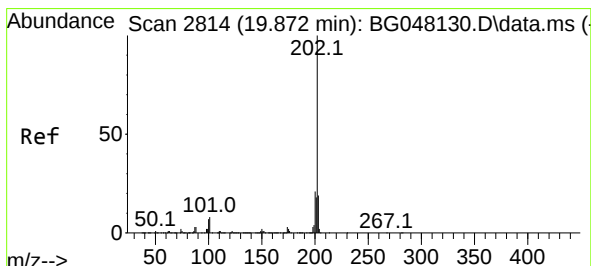
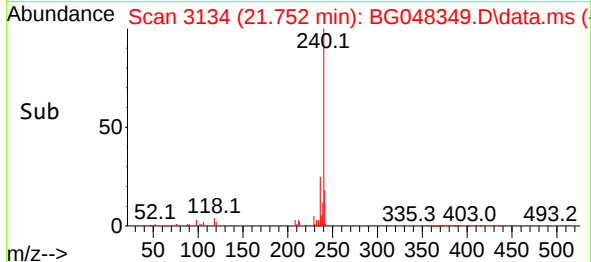
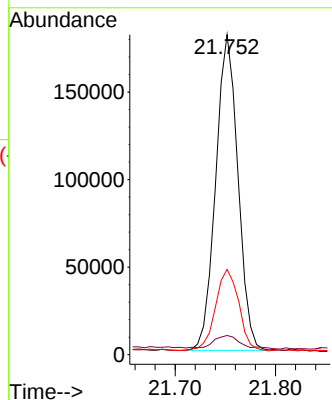
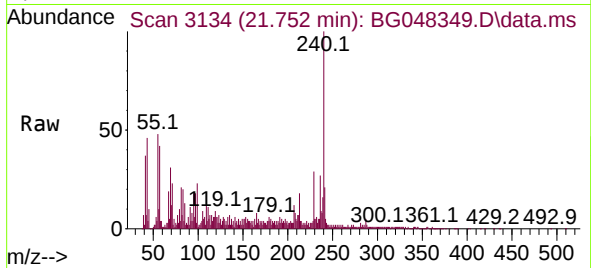




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. 0.023 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

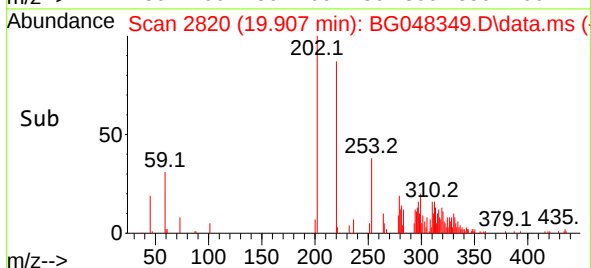
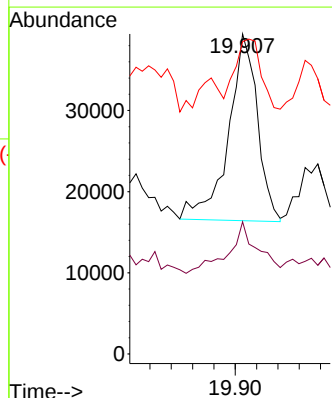
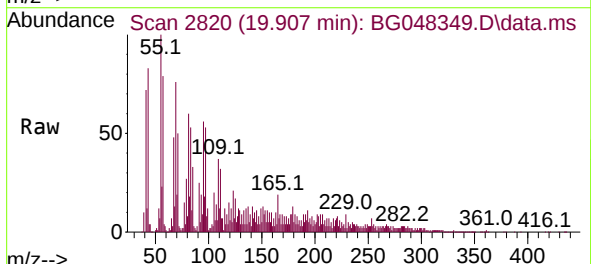
Instrument :
BNA_G
ClientSampled :
30-31

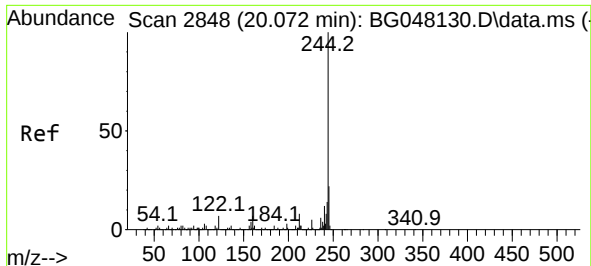
Tgt Ion:240 Resp: 276998
Ion Ratio Lower Upper
240 100
120 6.0 6.2 9.4#
236 26.6 20.5 30.7



#78
Pyrene
Concen: 2.25 ng
RT: 19.907 min Scan# 2820
Delta R.T. 0.047 min
Lab File: BG048349.D
Acq: 5 Mar 2021 22:29

Tgt Ion:202 Resp: 43489
Ion Ratio Lower Upper
202 100
200 41.3 18.6 27.8#
203 97.6 15.3 22.9#

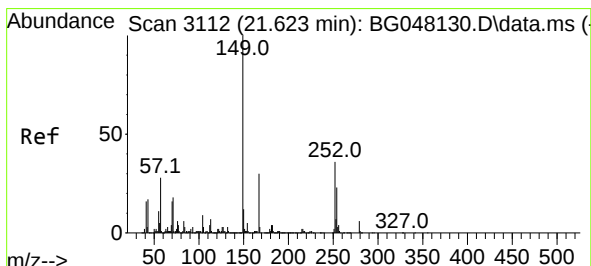
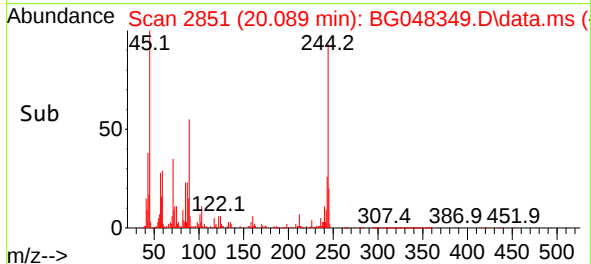
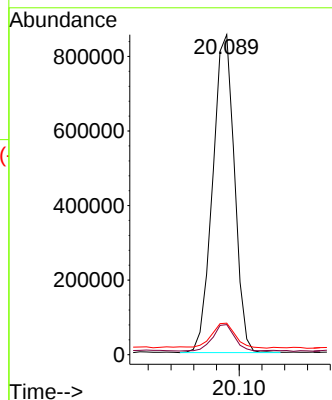
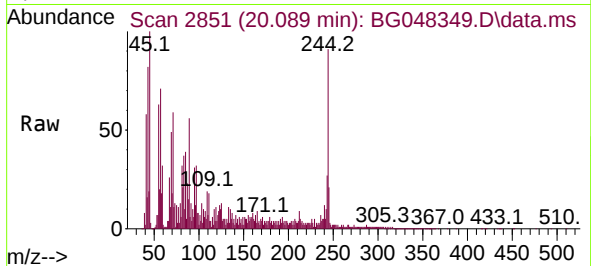




#79
 Terphenyl-d14
 Concen: 74.66 ng
 RT: 20.089 min Scan# 2851
 Delta R.T. 0.035 min
 Lab File: BG048349.D
 Acq: 5 Mar 2021 22:29

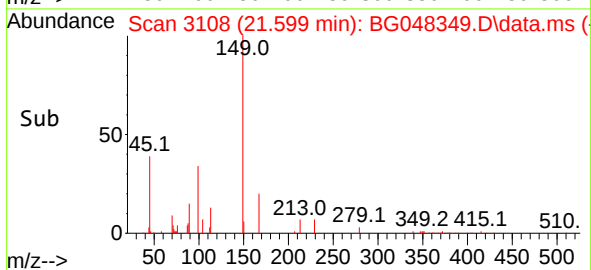
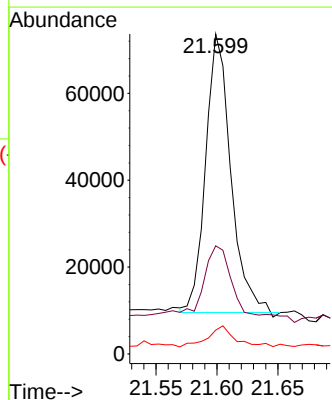
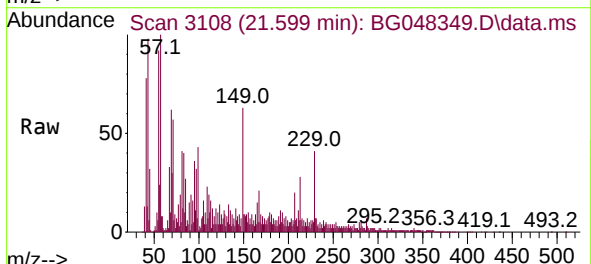
Instrument :
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 ClientSampleId :
 30-31

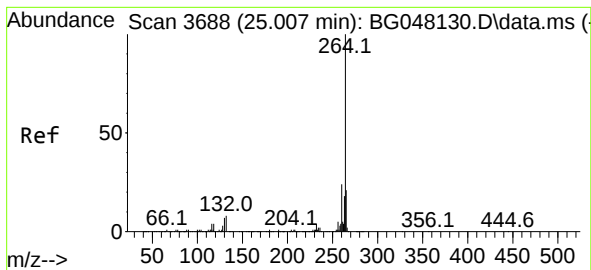
Tgt Ion:244 Resp: 1131713
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.7 10.1
 122 9.8 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.63 ng
 RT: 21.599 min Scan# 3108
 Delta R.T. 0.017 min
 Lab File: BG048349.D
 Acq: 5 Mar 2021 22:29

Tgt Ion:149 Resp: 91695
 Ion Ratio Lower Upper
 149 100
 167 33.8 24.8 37.2
 279 7.4 4.6 7.0#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.018 min Scan# 3690
 Delta R.T. 0.029 min
 Lab File: BG048349.D
 Acq: 5 Mar 2021 22:29

Instrument :
 BNA_G
 ClientSampleId :
 30-31

Tgt Ion:264 Resp: 256747
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.2 17.8 26.8

