

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048780.D
 Acq On : 20 Apr 2021 2:22
 Operator : CG/JU
 Sample : M2079-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Quant Time: Apr 20 05:52:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

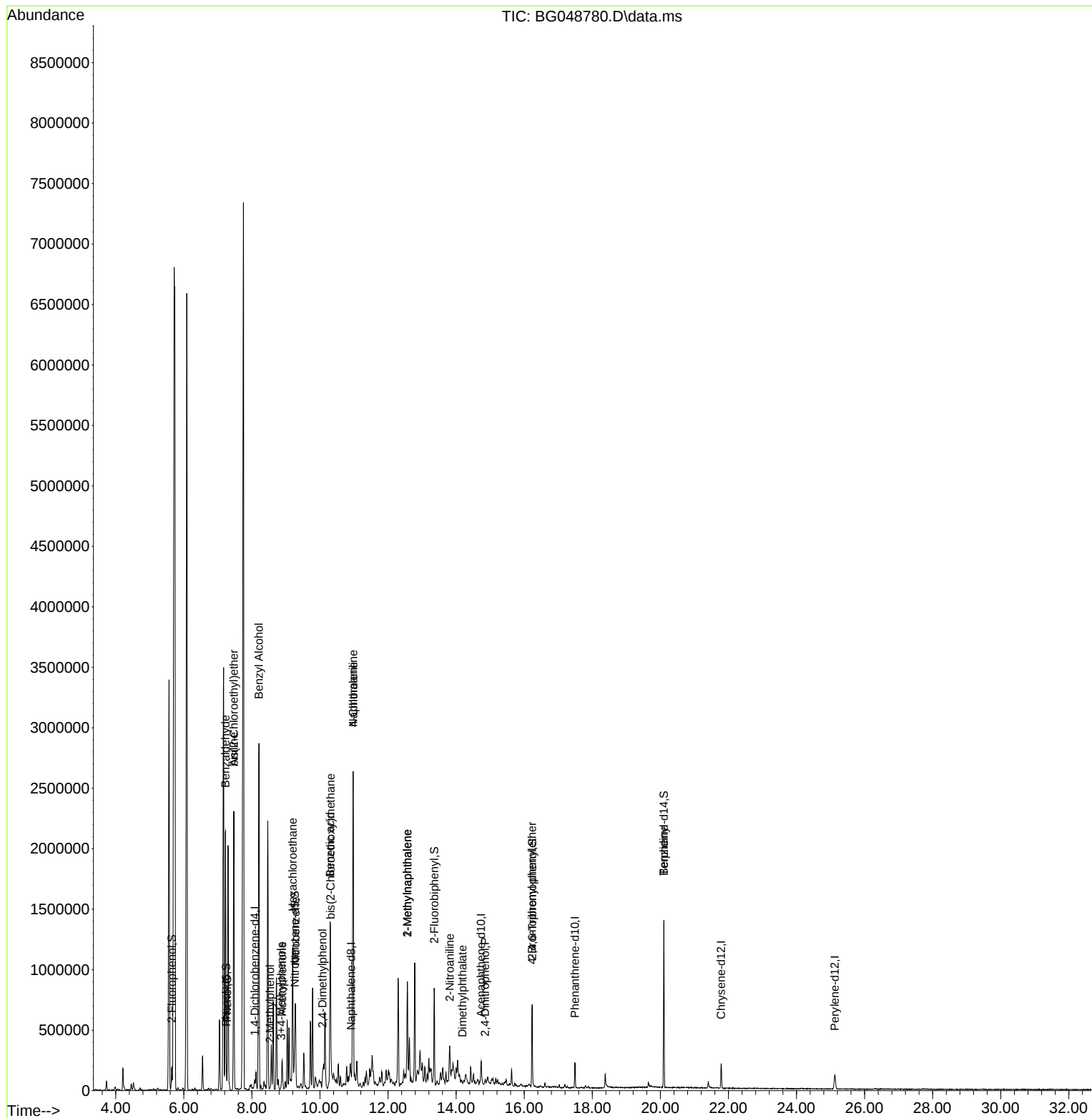
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	17140	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	72232	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	55467	20.00	ng	# 0.00
64) Phenanthrene-d10	17.491	188	123350	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	119124	20.00	ng	-0.01
86) Perylene-d12	25.123	264	120411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	69946	68.25	ng	0.02
7) Phenol-d6	7.250	99	59370	40.96	ng	0.01
23) Nitrobenzene-d5	9.259	82	175534	108.80	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	111529	149.97	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	388090	101.04	ng	0.00
79) Terphenyl-d14	20.105	244	614567	88.79	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.467	93	8222	5.05	ng	# 1
9) Benzaldehyde	7.221	77	182487	189.99	ng	# 1
10) Phenol	7.273	94	6032	4.23	ng	# 1
11) bis(2-Chloroethyl)ether	7.467	93	8222	8.56	ng	# 1
15) Benzyl Alcohol	8.208	79	173706	135.99	ng	# 6
17) 2-Methylphenol	8.531	107	1932	2.12	ng	# 87
18) Hexachloroethane	9.201	117	127965	255.75	ng	# 1
20) 3+4-Methylphenols	8.860	107	12910	10.28	ng	85
22) Acetophenone	8.889	105	159938	85.07	ng	# 55
24) Nitrobenzene	9.283	77	27547	17.12	ng	# 21
27) 2,4-Dimethylphenol	10.076	122	33317	31.11	ng	90
28) bis(2-Chloroethoxy)met...	10.311	93	4290	3.45	ng	# 71
31) Naphthalene	10.975	128	2018024	544.47	ng	94
32) Benzoic acid	10.299	122	18984	30.26	ng	# 1
33) 4-Chloroaniline	10.975	127	293576	190.36	ng	# 34
37) 2-Methylnaphthalene	12.567	142	344731	116.39	ng	99
38) 1-Methylnaphthalene	12.567	142	344731	125.10	ng	97
48) 2-Nitroaniline	13.813	65	12709	11.30	ng	# 35
50) Dimethylphthalate	14.183	163	11063	2.66	ng	# 66
54) 2,4-Dinitrophenol	14.847	184	106	5.45	ng	# 1
67) 4-Bromophenyl-phenylether	16.228	248	8170	5.75	ng	# 1
77) Benzidine	20.105	184	13493	4.17	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048780.D
Acq On : 20 Apr 2021 2:22
Operator : CG/JU
Sample : M2079-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-08

Quant Time: Apr 20 05:52:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

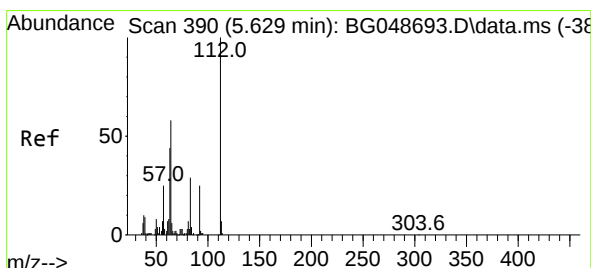
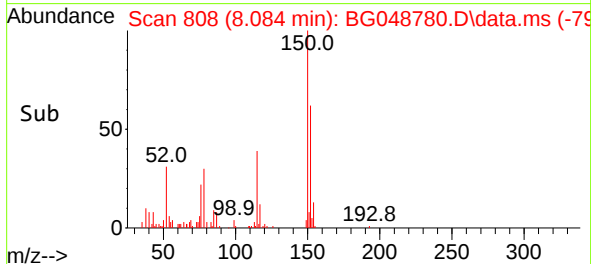
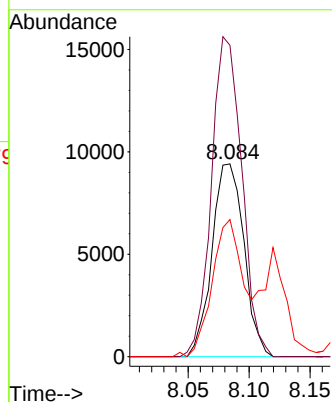
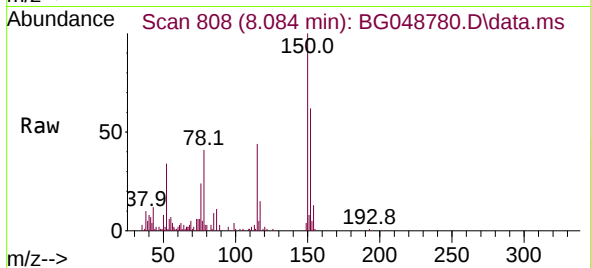




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.084 min Scan# 808
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

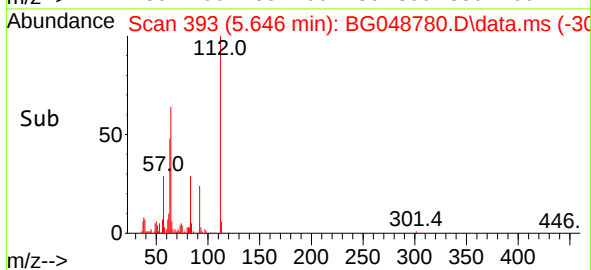
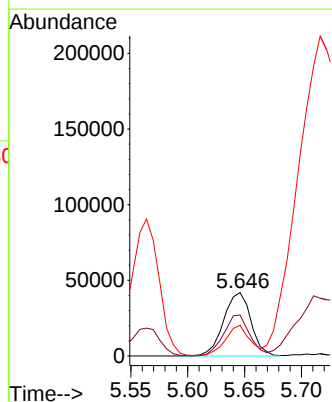
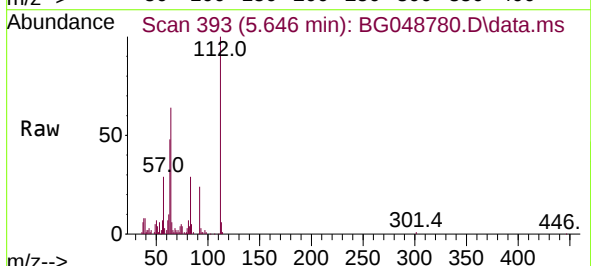
Instrument :
BNA_G
ClientSampled :
MW-08

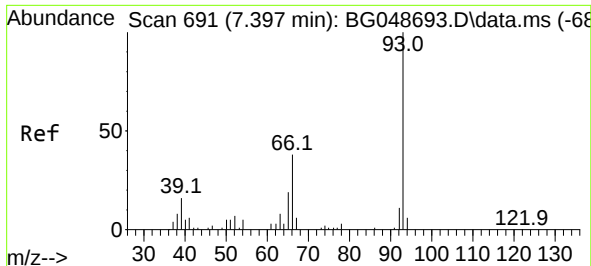
Tgt Ion:152 Resp: 17140
Ion Ratio Lower Upper
152 100
150 161.5 119.4 179.0
115 71.1 60.2 90.4



#5
2-Fluorophenol
Concen: 68.25 ng
RT: 5.646 min Scan# 393
Delta R.T. 0.016 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:112 Resp: 69946
Ion Ratio Lower Upper
112 100
64 64.5 46.7 70.1
63 48.1 35.3 52.9

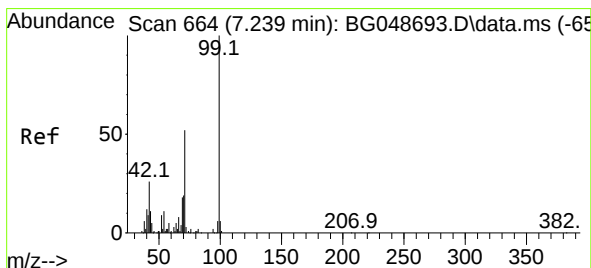
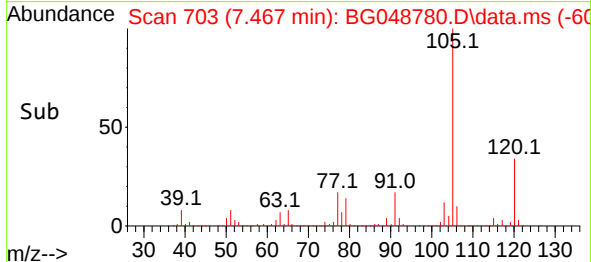
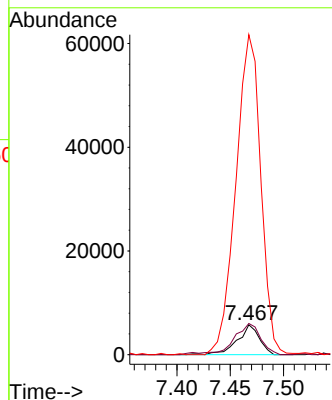
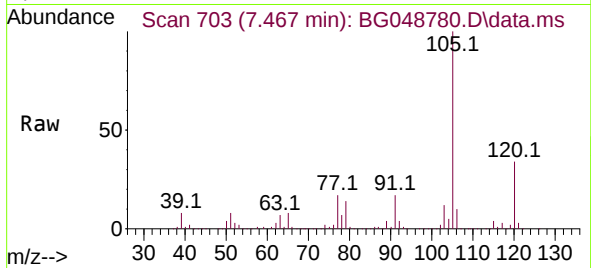




#6
Aniline
Concen: 5.05 ng
RT: 7.467 min Scan# 703
Delta R.T. 0.069 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

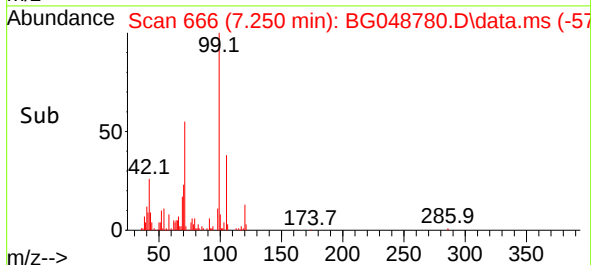
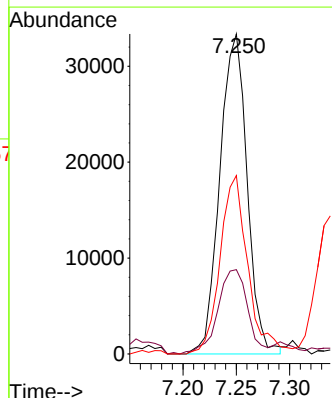
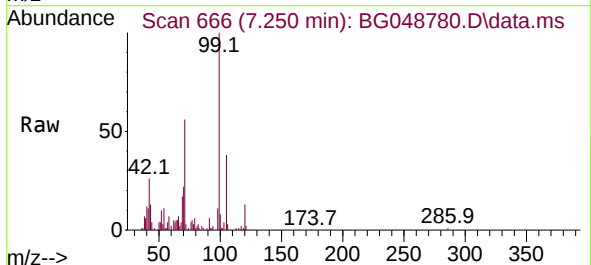
Instrument :
BNA_G
ClientSampled :
MW-08

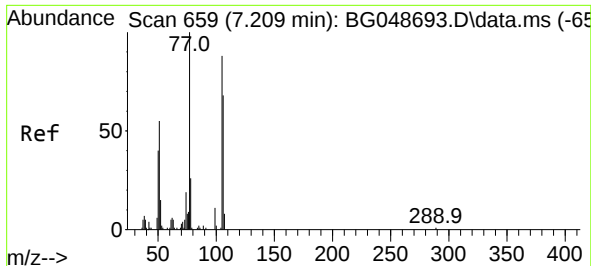
Tgt Ion: 93 Resp: 8222
Ion Ratio Lower Upper
93 100
66 104.4 30.6 45.8#
65 1069.2 15.0 22.4#



#7
Phenol-d6
Concen: 40.96 ng
RT: 7.250 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion: 99 Resp: 59370
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 55.8 41.5 62.3

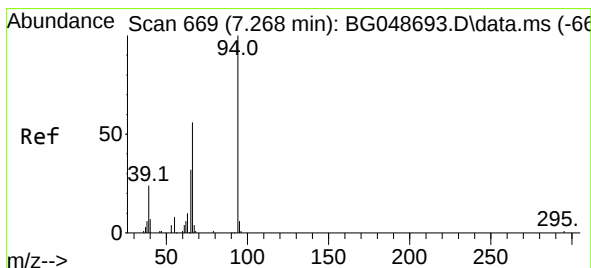
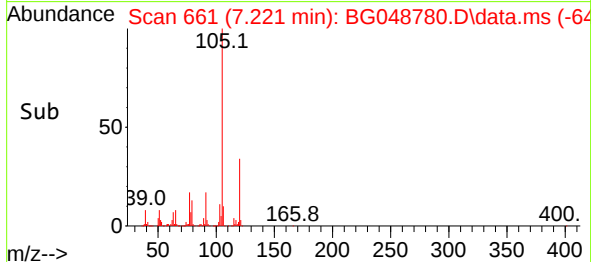
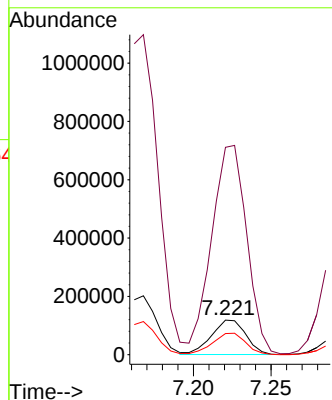
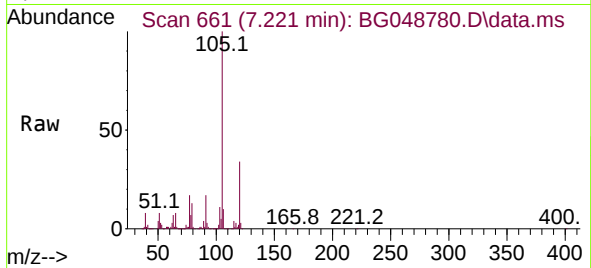




#9
Benzaldehyde
Concen: 189.99 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.010 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

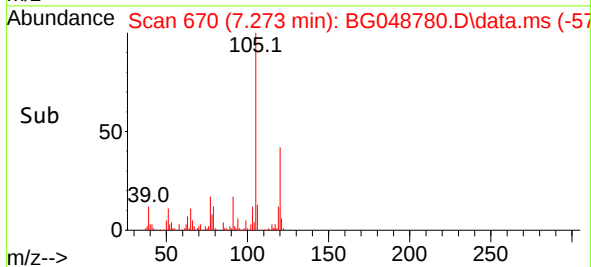
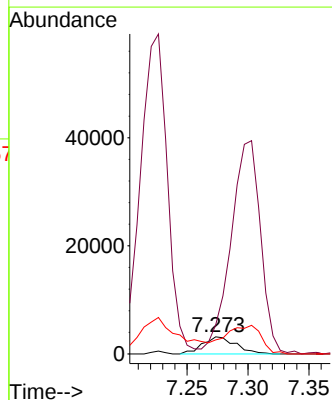
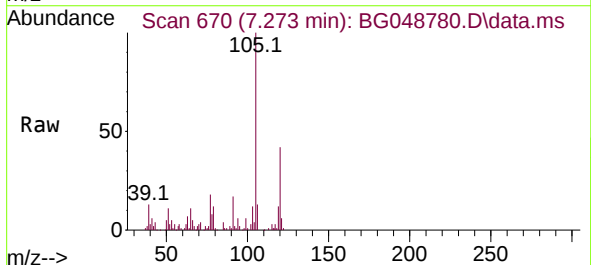
Instrument :
BNA_G
ClientSampleId :
MW-08

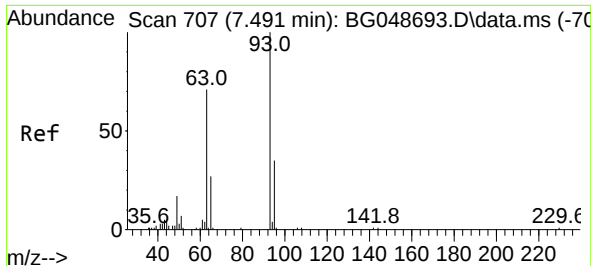
Tgt Ion: 77 Resp: 182487
Ion Ratio Lower Upper
77 100
105 598.9 68.8 108.8#
106 61.0 47.9 87.9



#10
Phenol
Concen: 4.23 ng
RT: 7.273 min Scan# 670
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion: 94 Resp: 6032
Ion Ratio Lower Upper
94 100
65 170.1 12.9 52.9#
66 82.5 39.4 79.4#

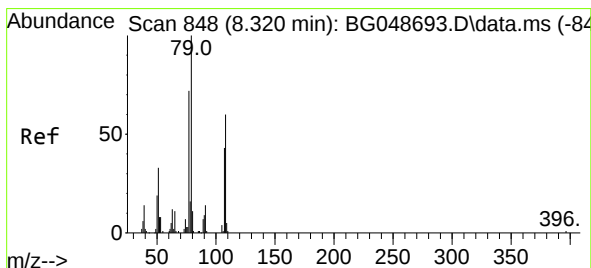
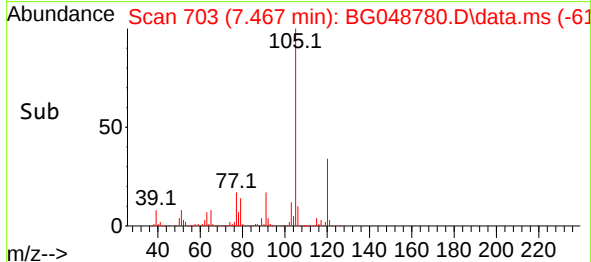
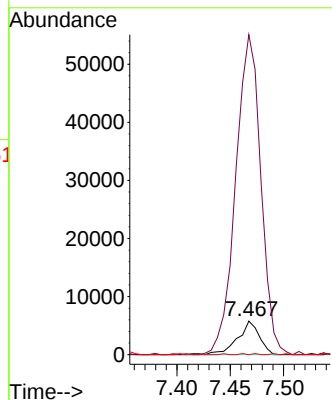
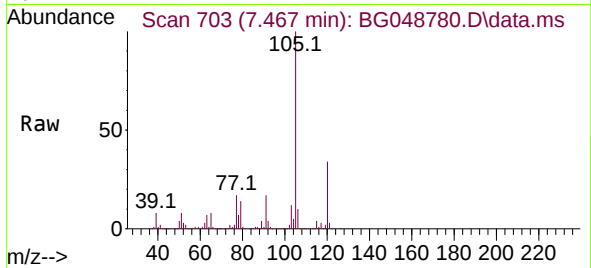




#11
bis(2-Chloroethyl)ether
Concen: 8.56 ng
RT: 7.467 min Scan# 703
Delta R.T. -0.025 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

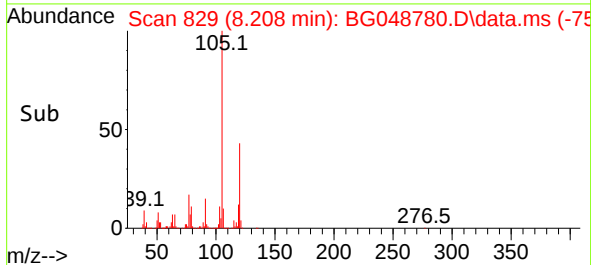
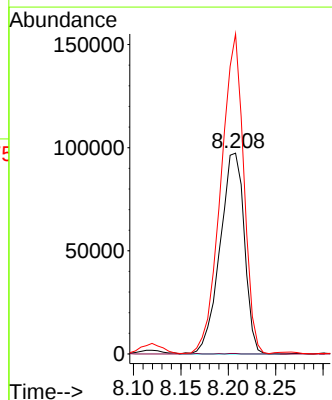
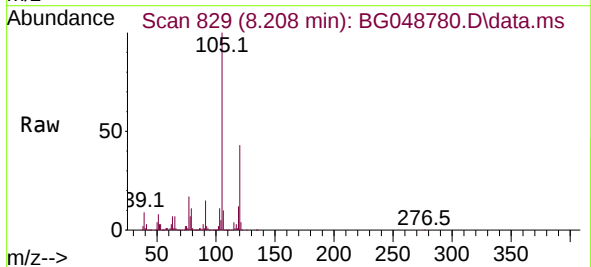
Instrument :
BNA_G
ClientSampleId :
MW-08

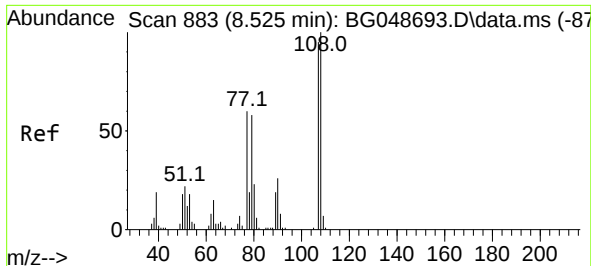
Tgt Ion: 93 Resp: 8222
Ion Ratio Lower Upper
93 100
63 954.6 50.4 90.4#
95 0.0 15.3 55.3#



#15
Benzyl Alcohol
Concen: 135.99 ng
RT: 8.208 min Scan# 829
Delta R.T. -0.113 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

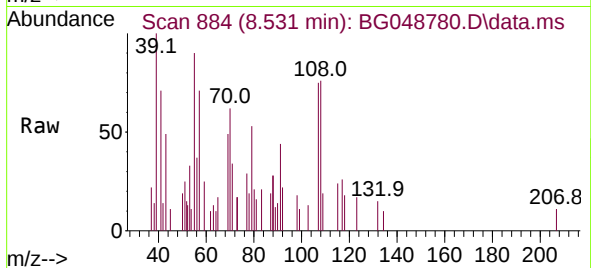
Tgt Ion: 79 Resp: 173706
Ion Ratio Lower Upper
79 100
108 0.3 48.2 72.4#
77 159.4 57.3 85.9#



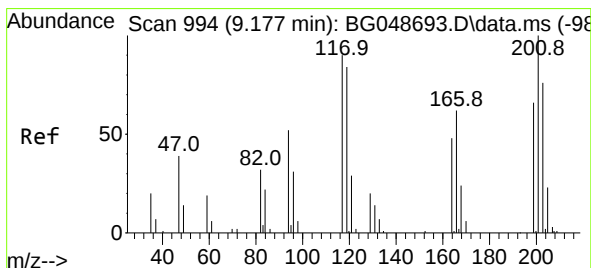
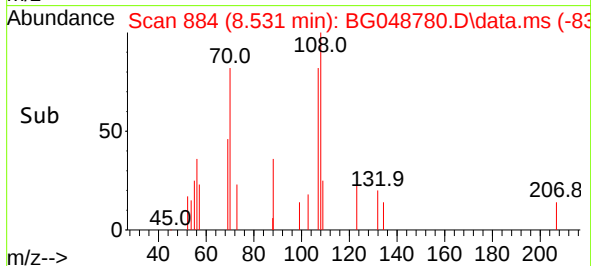
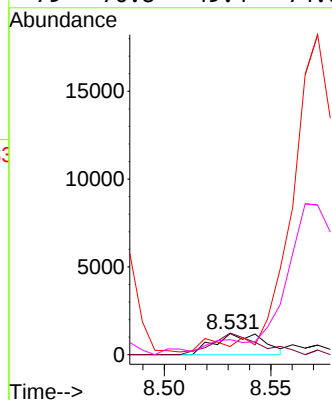


#17
2-Methylphenol
Concen: 2.12 ng
RT: 8.531 min Scan# 884
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Instrument :
BNA_G
ClientSampled :
MW-08

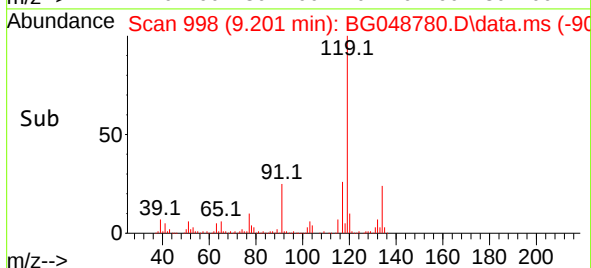
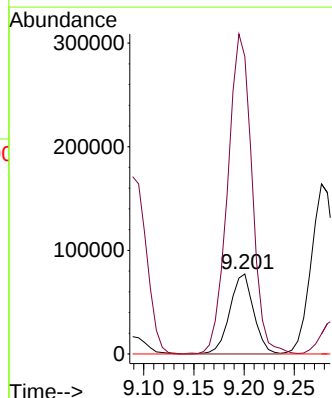
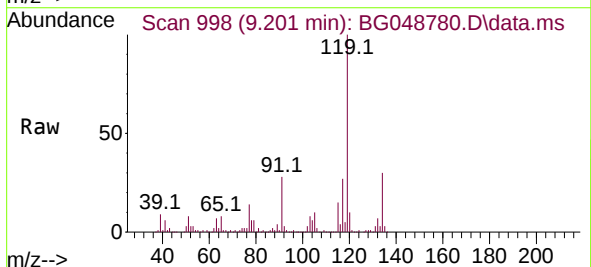


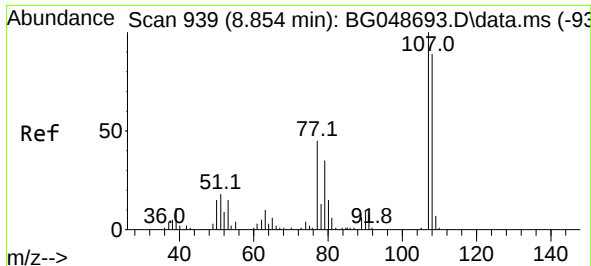
Tgt Ion:	107	Resp:	1932
Ion	Ratio	Lower	Upper
107	100		
108	102.3	84.6	127.0
77	39.0	50.7	76.1#
79	70.8	49.4	74.0



#18
Hexachloroethane
Concen: 255.75 ng
RT: 9.201 min Scan# 998
Delta R.T. 0.028 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	117	Resp:	127965
Ion	Ratio	Lower	Upper
117	100		
119	372.0	74.4	111.6#
201	0.0	88.6	133.0#

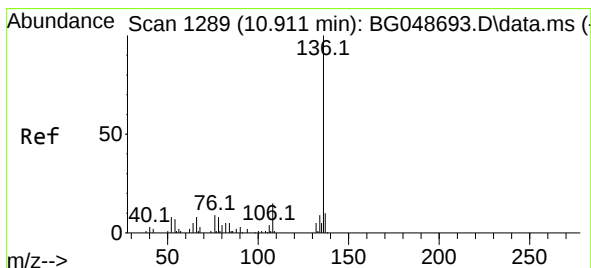
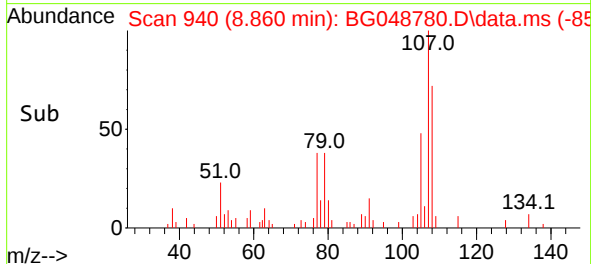
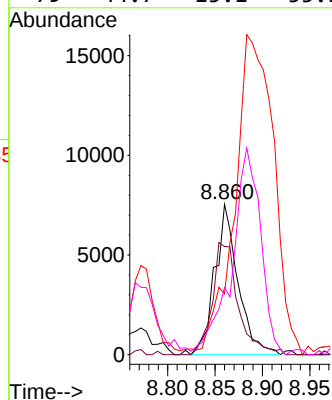
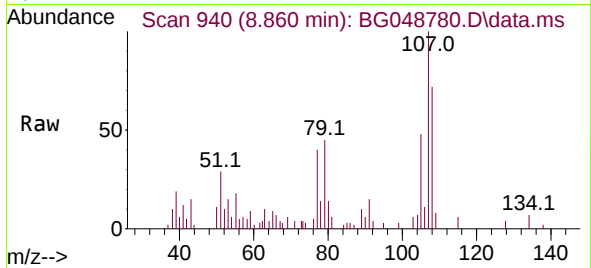




#20
3+4-Methylphenols
Concen: 10.28 ng
RT: 8.860 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

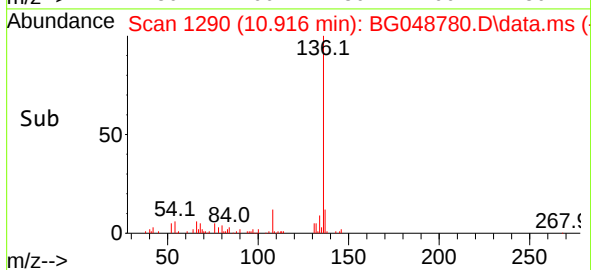
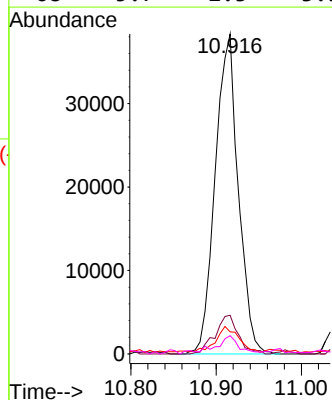
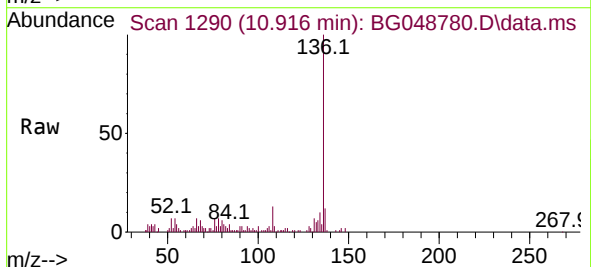
Instrument :
BNA_G
ClientSampled :
MW-08

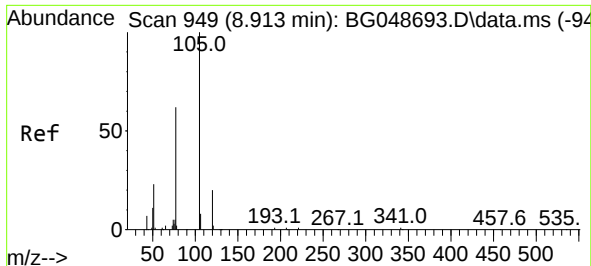
Tgt Ion:	107	Resp:	12910
Ion	Ratio	Lower	Upper
107	100		
108	71.9	69.3	109.3
77	40.4	25.2	65.2
79	44.7	15.1	55.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	136	Resp:	72232
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.2	12.2
54	6.9	5.5	8.3
68	5.7	2.3	3.5

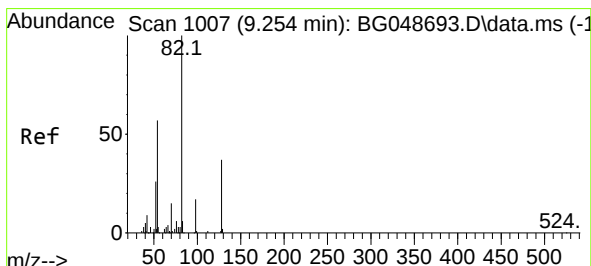
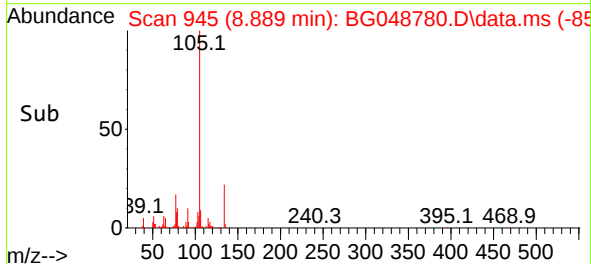
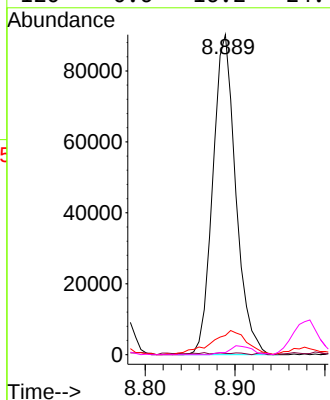
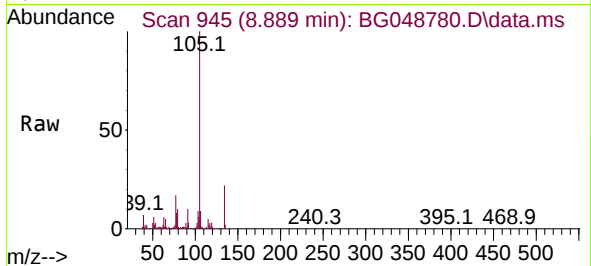




#22
Acetophenone
Concen: 85.07 ng
RT: 8.889 min Scan# 945
Delta R.T. -0.019 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

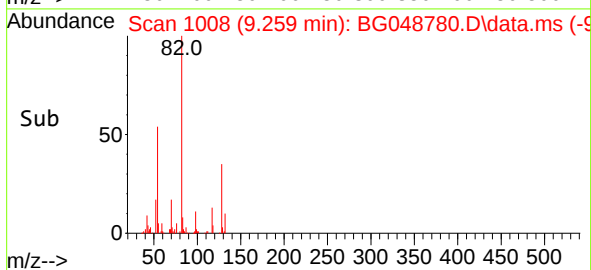
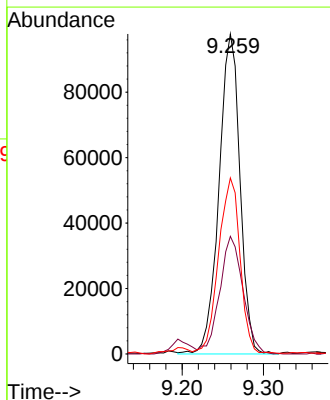
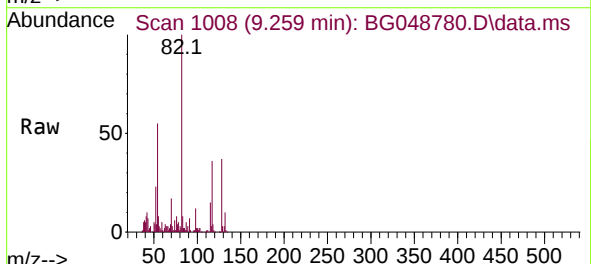
Instrument :
BNA_G
ClientSampleId :
MW-08

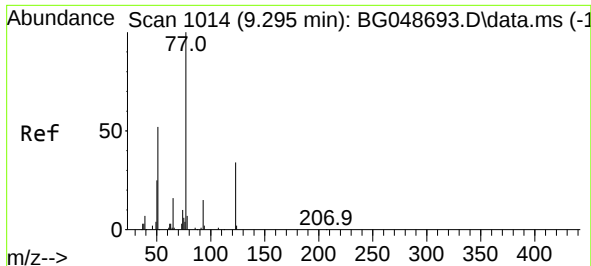
Tgt Ion:	105	Resp:	159938
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	0.8#
51	6.0	26.6	40.0#
120	0.6	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 108.80 ng
RT: 9.259 min Scan# 1008
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	82	Resp:	175534
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	55.0	45.8	68.8

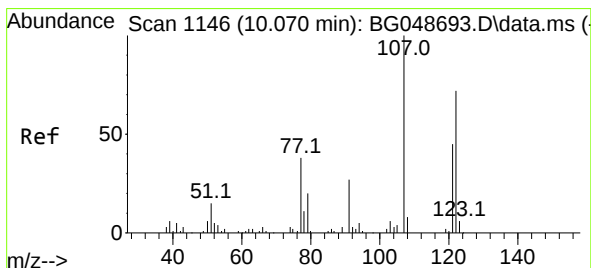
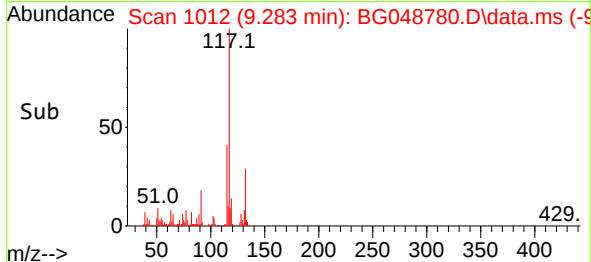
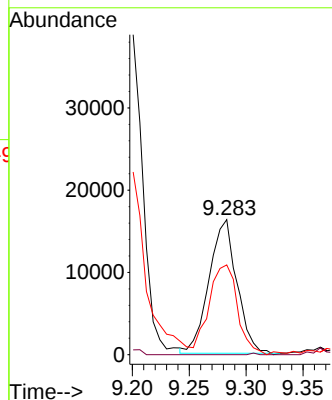
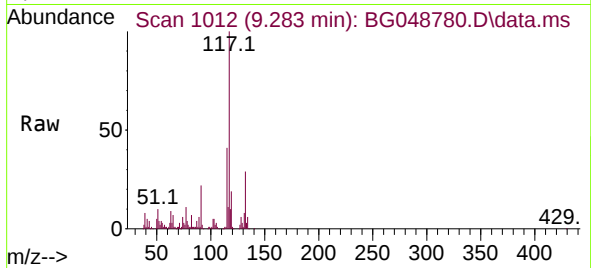




#24
Nitrobenzene
Concen: 17.12 ng
RT: 9.283 min Scan# 1012
Delta R.T. -0.013 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

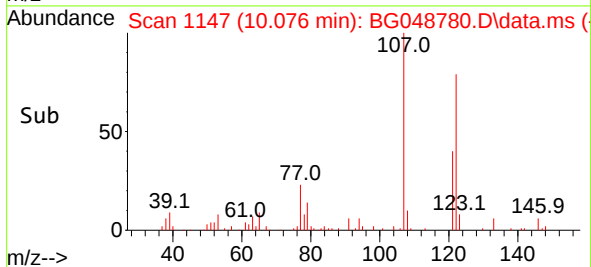
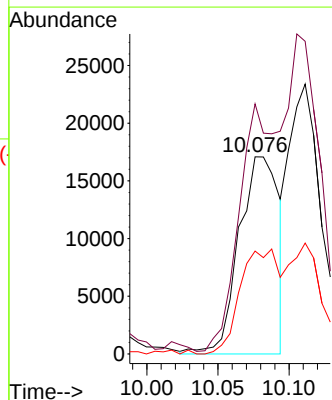
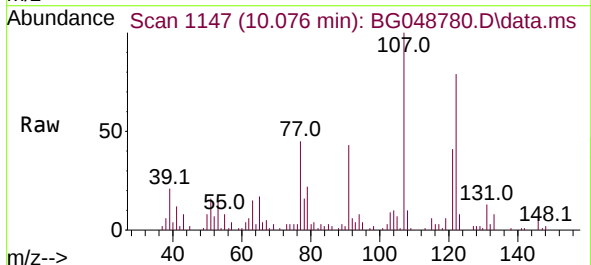
Instrument :
BNA_G
ClientSampled :
MW-08

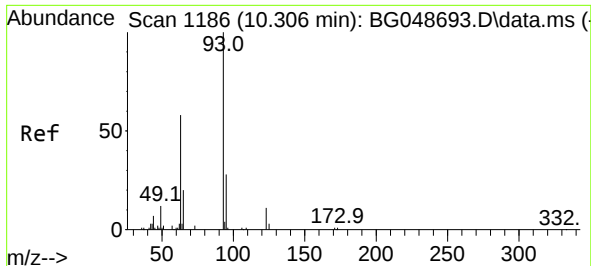
Tgt Ion: 77 Resp: 27547
Ion Ratio Lower Upper
77 100
123 0.0 27.5 41.3#
65 66.4 12.6 18.8#



#27
2,4-Dimethylphenol
Concen: 31.11 ng
RT: 10.076 min Scan# 1147
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:122 Resp: 33317
Ion Ratio Lower Upper
122 100
107 126.8 110.1 165.1
121 52.2 49.0 73.6

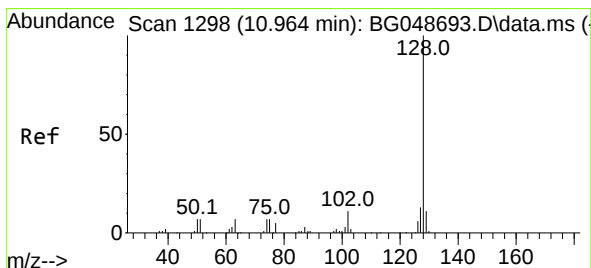
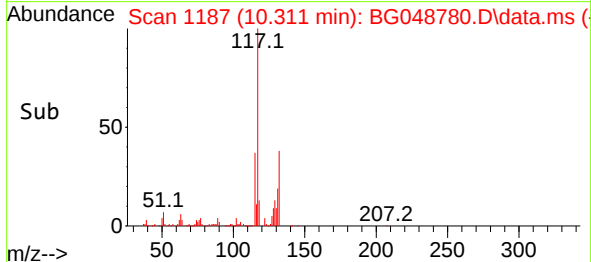
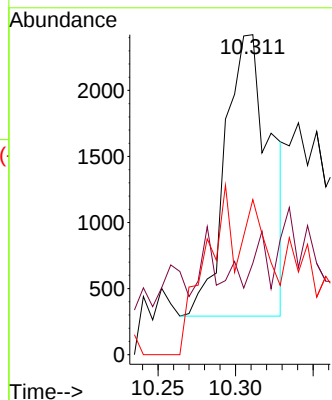
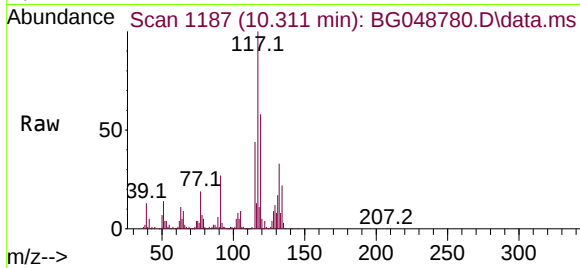




#28
bis(2-Chloroethoxy)methane
Concen: 3.45 ng
RT: 10.311 min Scan# 1187
Delta R.T. 0.004 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

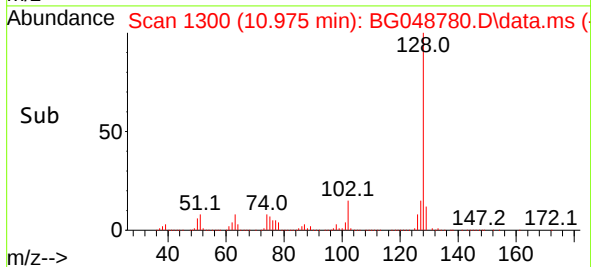
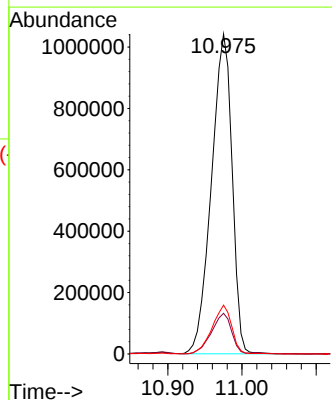
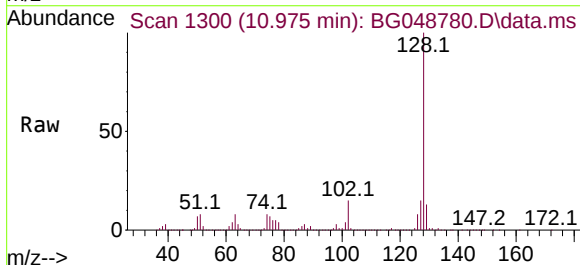
Instrument :
BNA_G
ClientSampled :
MW-08

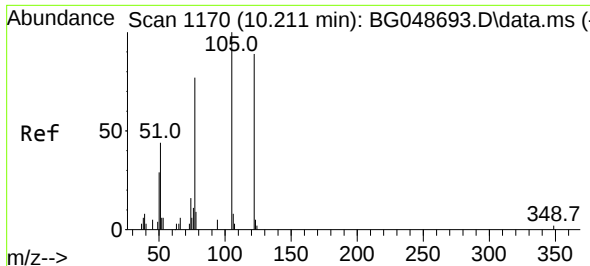
Tgt Ion: 93 Resp: 4290
Ion Ratio Lower Upper
93 100
95 28.6 22.2 33.4
123 48.4 8.8 13.2#



#31
Naphthalene
Concen: 544.47 ng
RT: 10.975 min Scan# 1300
Delta R.T. 0.016 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:128 Resp: 2018024
Ion Ratio Lower Upper
128 100
129 12.7 8.5 12.7
127 15.3 10.2 15.4

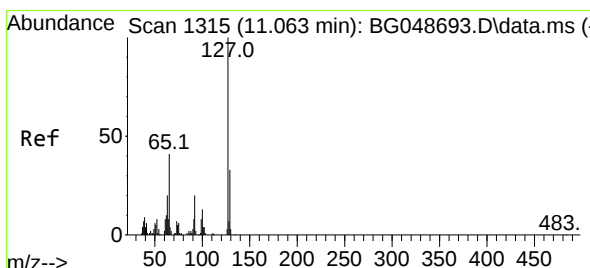
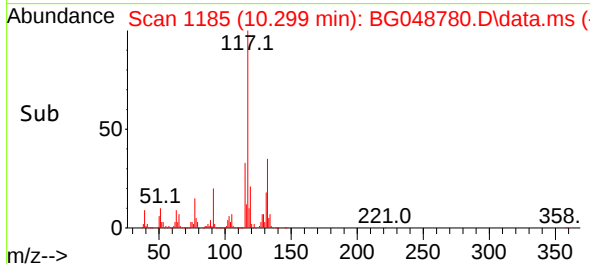
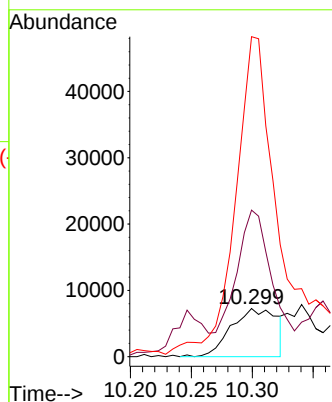
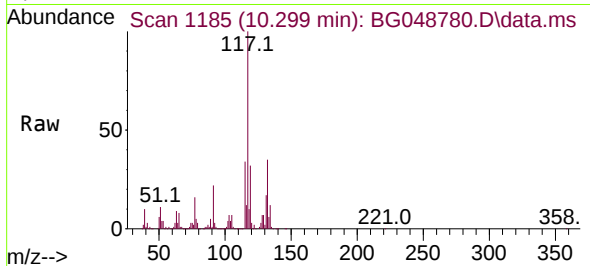




#32
Benzoic acid
Concen: 30.26 ng
RT: 10.299 min Scan# 1185
Delta R.T. 0.069 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

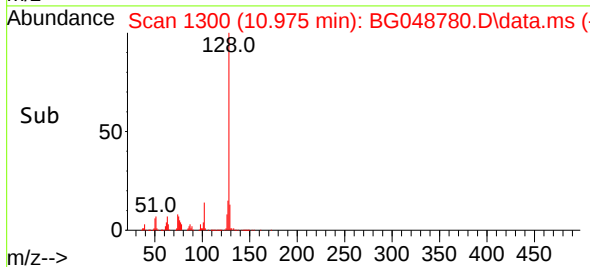
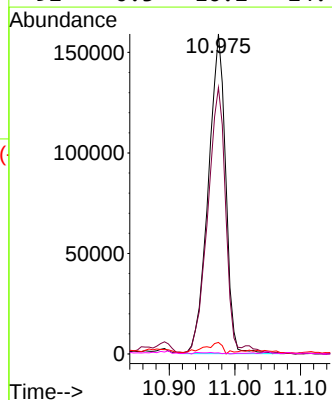
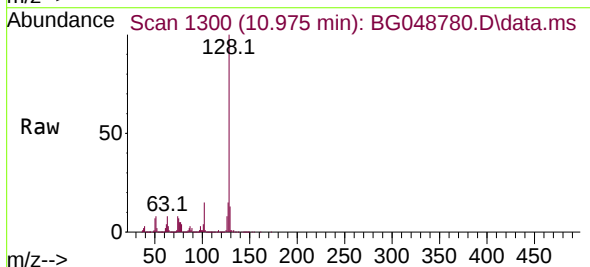
Instrument :
BNA_G
ClientSampled :
MW-08

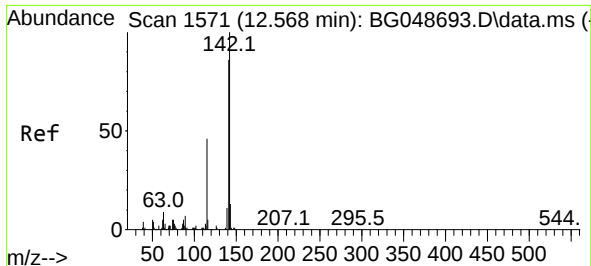
Tgt Ion:122 Resp: 18984
Ion Ratio Lower Upper
122 100
105 304.3 92.3 132.3#
77 664.5 66.5 106.5#



#33
4-Chloroaniline
Concen: 190.36 ng
RT: 10.975 min Scan# 1300
Delta R.T. -0.090 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:127 Resp: 293576
Ion Ratio Lower Upper
127 100
129 83.3 26.7 40.1#
65 3.6 32.8 49.2#
92 0.3 16.2 24.4#

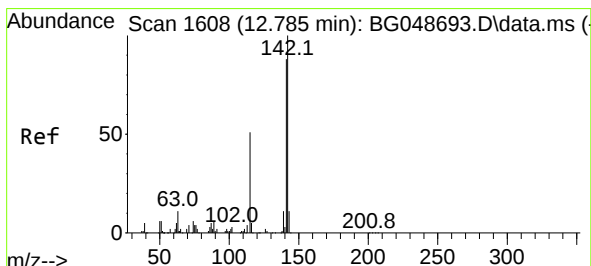
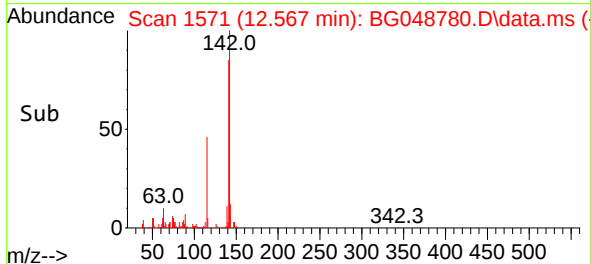
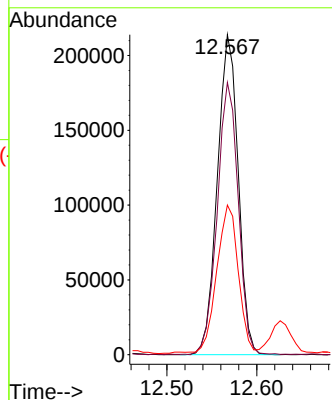
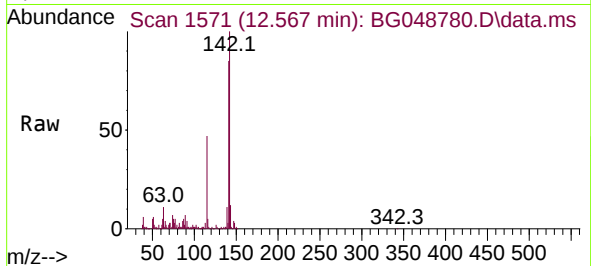




#37
2-Methylnaphthalene
Concen: 116.39 ng
RT: 12.567 min Scan# 1571
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

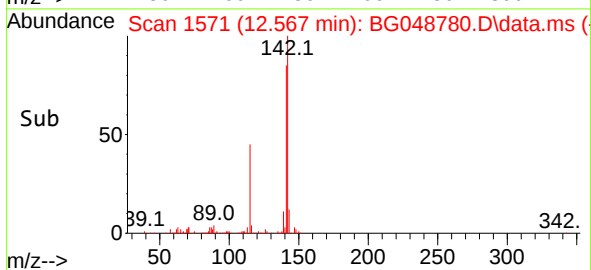
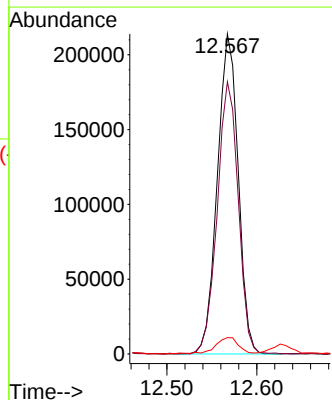
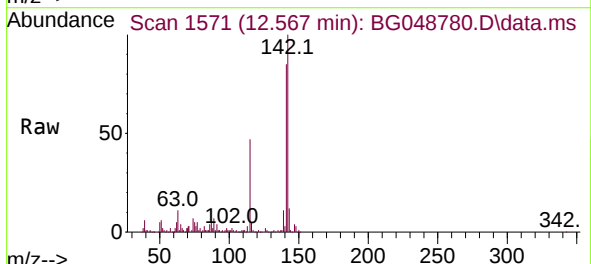
Instrument :
BNA_G
ClientSampleId :
MW-08

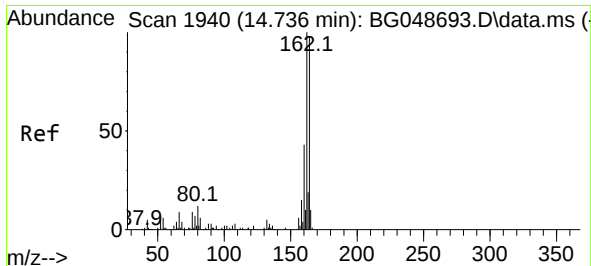
Tgt Ion:142 Resp: 344731
Ion Ratio Lower Upper
142 100
141 85.0 68.8 103.2
115 46.8 36.4 54.6



#38
1-Methylnaphthalene
Concen: 125.10 ng
RT: 12.567 min Scan# 1571
Delta R.T. -0.219 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:142 Resp: 344731
Ion Ratio Lower Upper
142 100
141 85.0 70.6 106.0
116 5.1 4.0 6.0

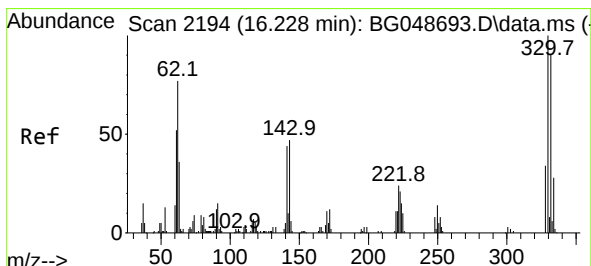
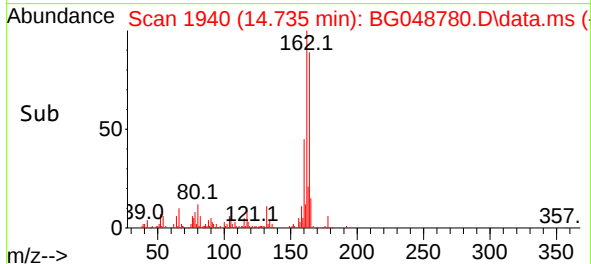
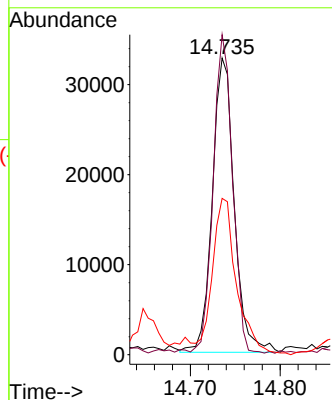
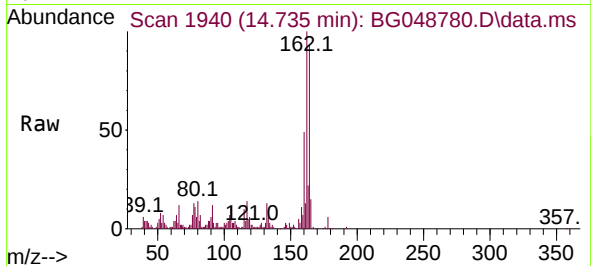




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

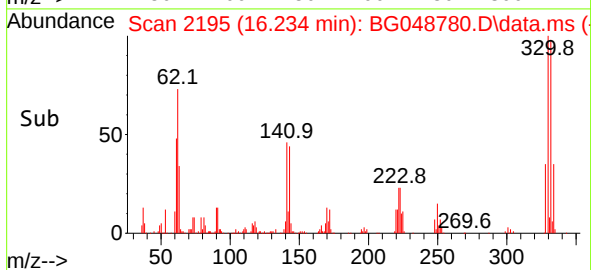
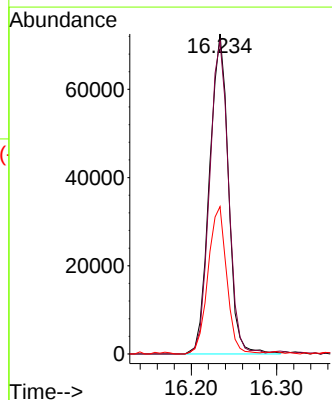
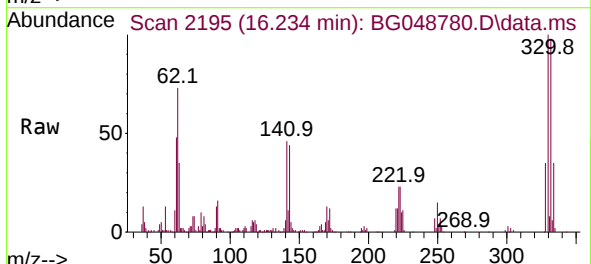
Instrument :
BNA_G
ClientSampleId :
MW-08

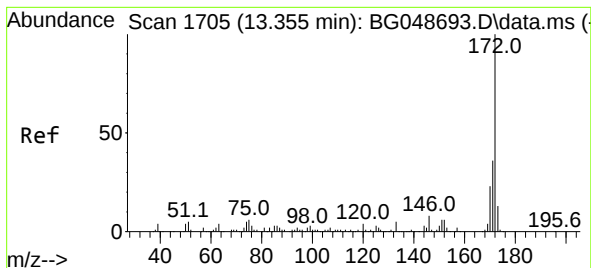
Tgt Ion:164 Resp: 55467
Ion Ratio Lower Upper
164 100
162 107.9 81.4 122.0
160 52.7 34.9 52.3#



#42
2,4,6-Tribromophenol
Concen: 149.97 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:330 Resp: 111529
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 45.4 35.6 53.4

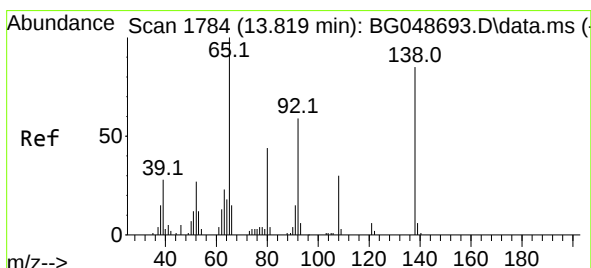
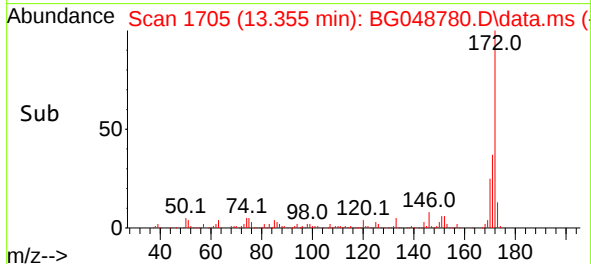
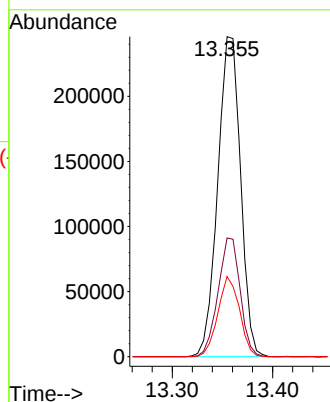
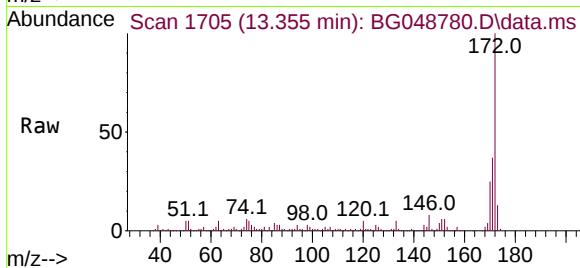




#45
2-Fluorobiphenyl
Concen: 101.04 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

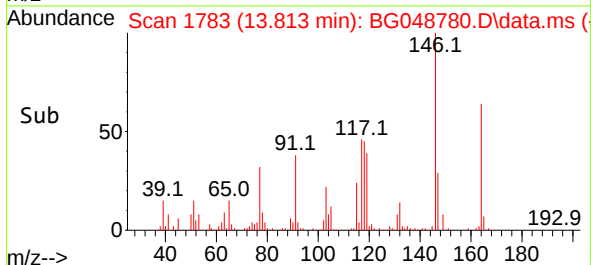
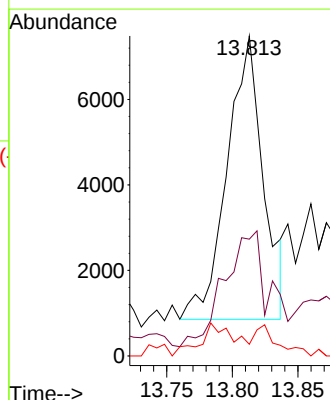
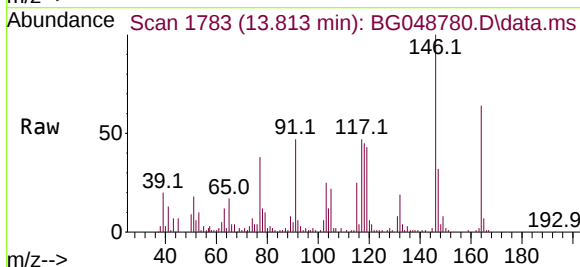
Instrument :
BNA_G
ClientSampled :
MW-08

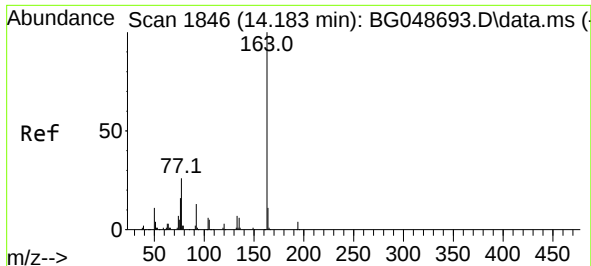
Tgt Ion:	172	Resp:	388090
Ion Ratio	Lower	Upper	
172	100		
171	37.1	28.6	43.0
170	25.0	18.6	27.8



#48
2-Nitroaniline
Concen: 11.30 ng
RT: 13.813 min Scan# 1783
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	65	Resp:	12709
Ion Ratio	Lower	Upper	
65	100		
92	36.5	47.2	70.8#
138	3.6	68.0	102.0#

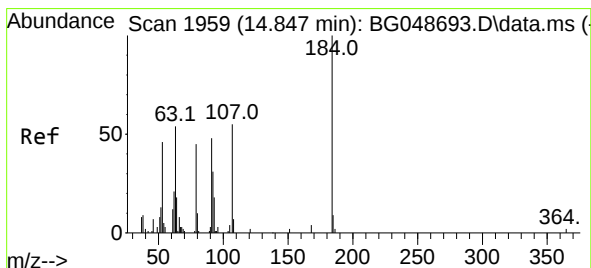
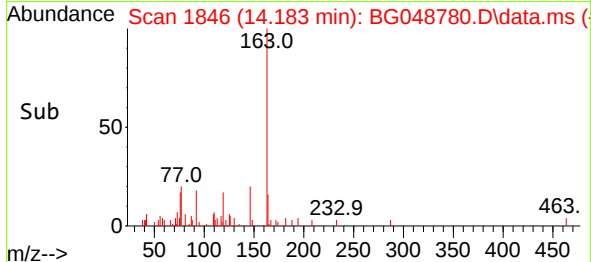
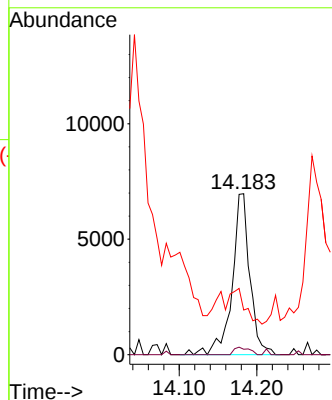
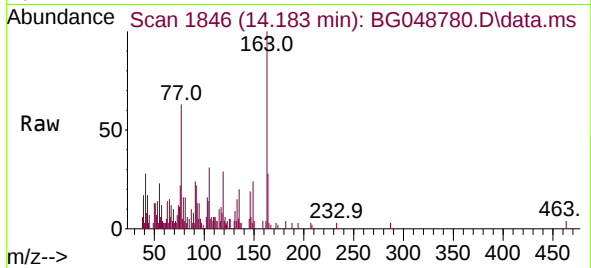




#50
Dimethylphthalate
Concen: 2.66 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.002 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

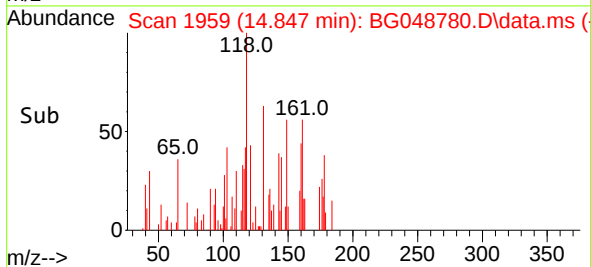
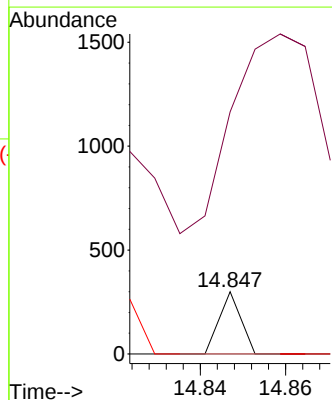
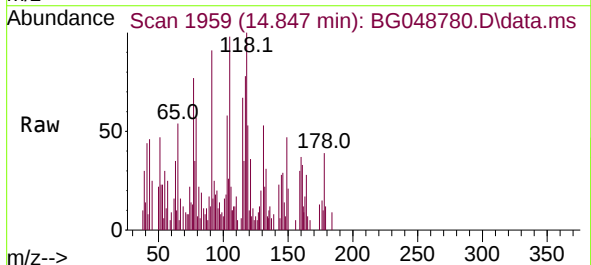
Instrument :
BNA_G
ClientSampled :
MW-08

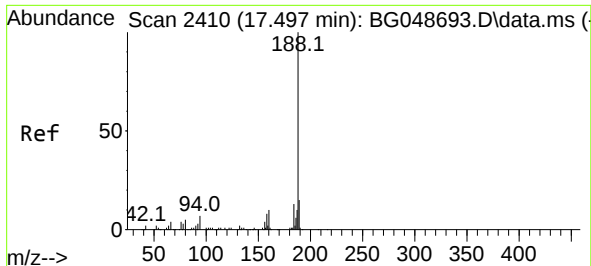
Tgt Ion:163 Resp: 11063
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 27.7 8.6 12.8#



#54
2,4-Dinitrophenol
Concen: 5.45 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
63 388.3 68.3 102.5#
154 0.0 62.6 93.8#

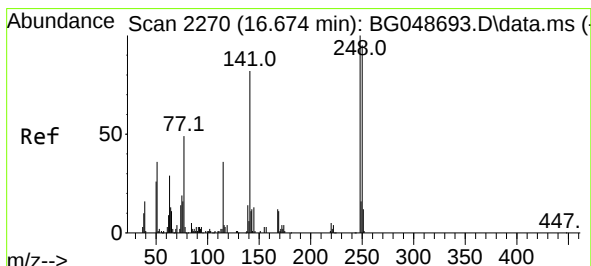
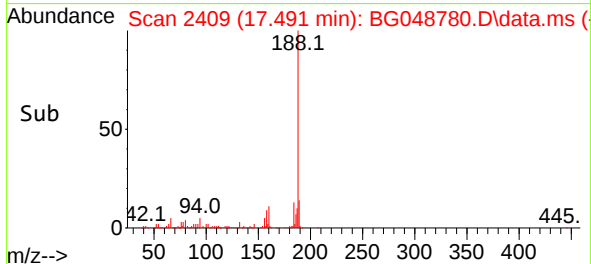
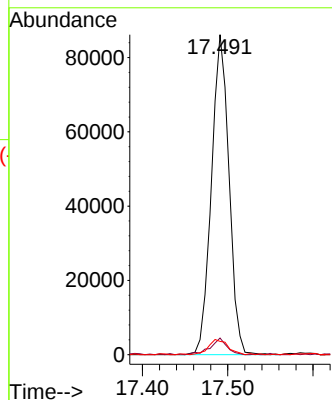
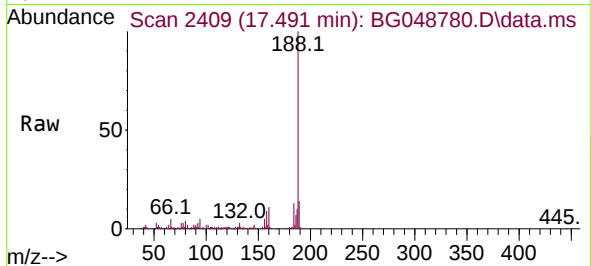




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

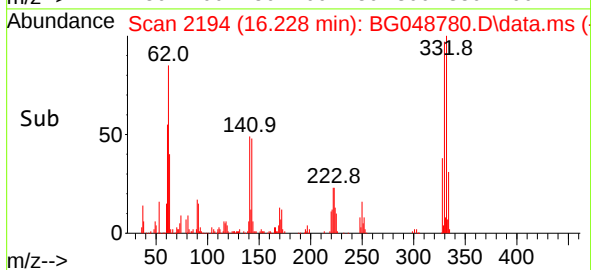
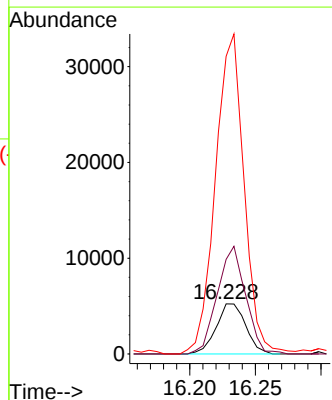
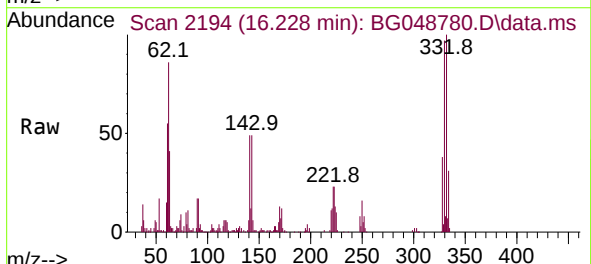
Instrument :
BNA_G
ClientSampleId :
MW-08

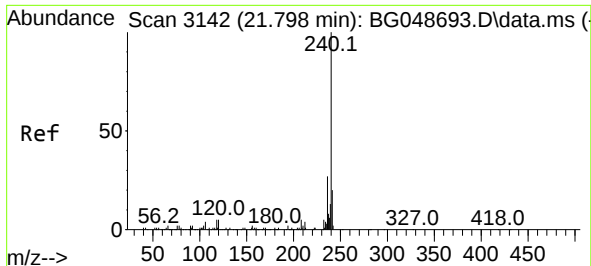
Tgt Ion:188 Resp: 123350
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 4.1 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 5.75 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:248 Resp: 8170
Ion Ratio Lower Upper
248 100
250 188.5 76.1 114.1#
141 593.1 65.4 98.2#

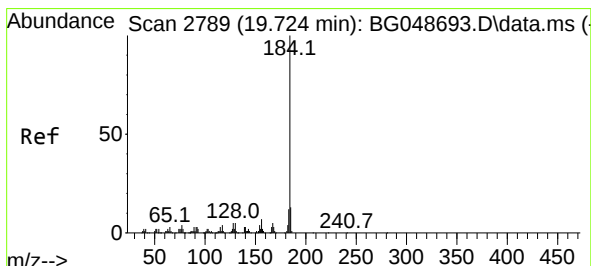
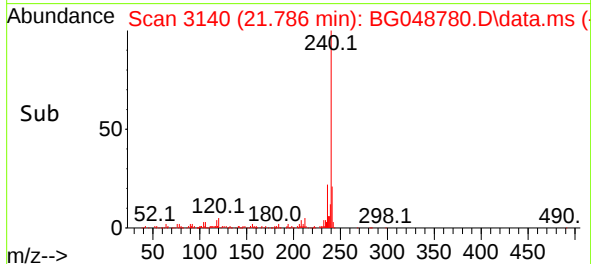
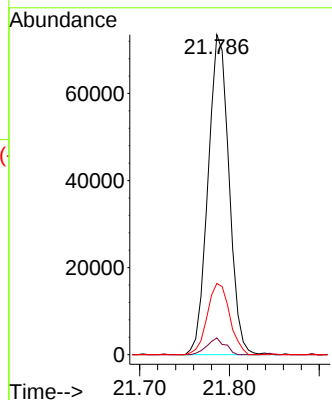
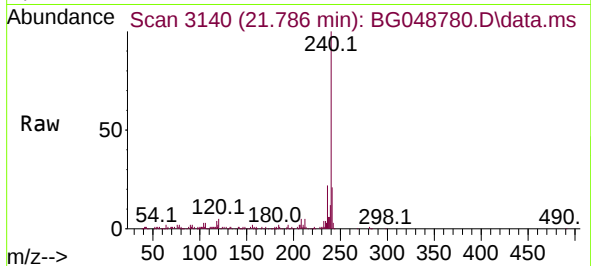




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

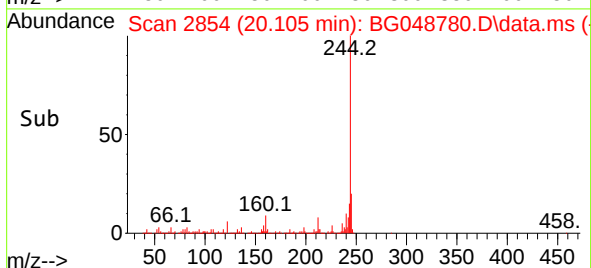
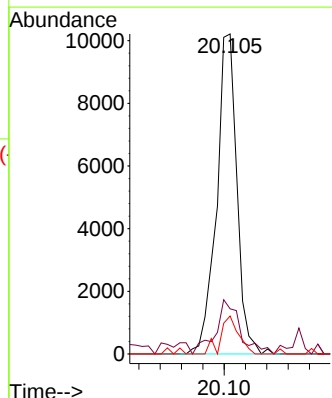
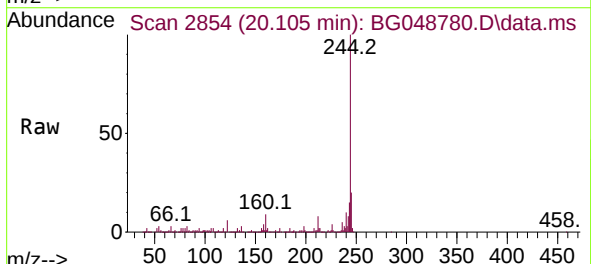
Instrument :
BNA_G
ClientSampled :
MW-08

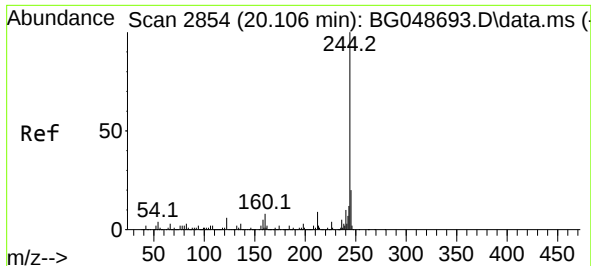
Tgt Ion:	240	Resp:	119124
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.2	6.2
236	22.3	21.8	32.6



#77
Benzidine
Concen: 4.17 ng
RT: 20.105 min Scan# 2854
Delta R.T. 0.374 min
Lab File: BG048780.D
Acq: 20 Apr 2021 2:22

Tgt Ion:	184	Resp:	13493
Ion Ratio	Lower	Upper	
184	100		
185	14.1	10.7	16.1
183	11.8	9.4	14.0

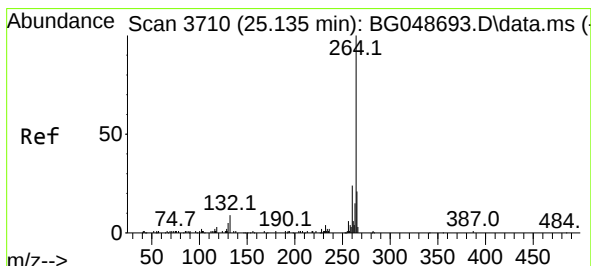
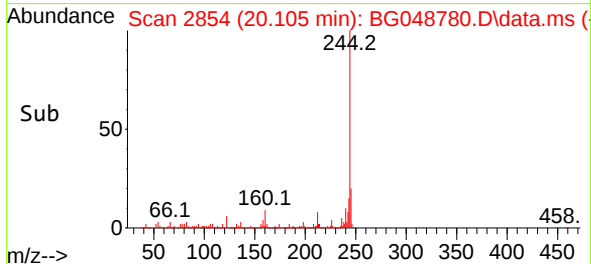
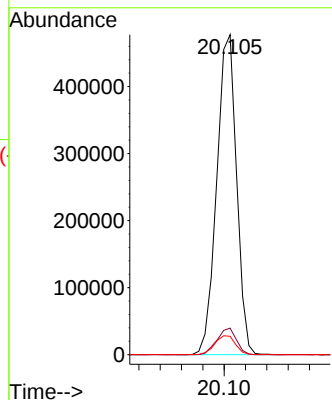
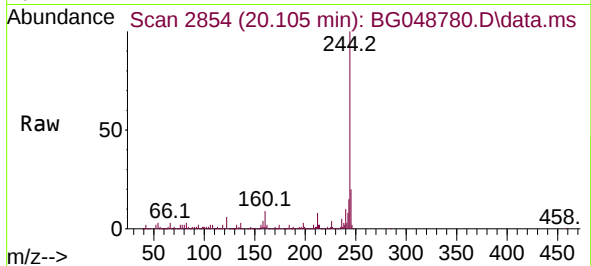




#79
 Terphenyl-d14
 Concen: 88.79 ng
 RT: 20.105 min Scan# 2854
 Delta R.T. -0.002 min
 Lab File: BG048780.D
 Acq: 20 Apr 2021 2:22

Instrument :
 BNA_G
 ClientSampled :
 MW-08

Tgt Ion:244 Resp: 614567
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 5.7 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048780.D
 Acq: 20 Apr 2021 2:22

Tgt Ion:264 Resp: 120411
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.4 29.2
 265 20.2 16.9 25.3

