

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048782.D
 Acq On : 20 Apr 2021 3:43
 Operator : CG/JU
 Sample : M2079-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Apr 20 05:52:34 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)

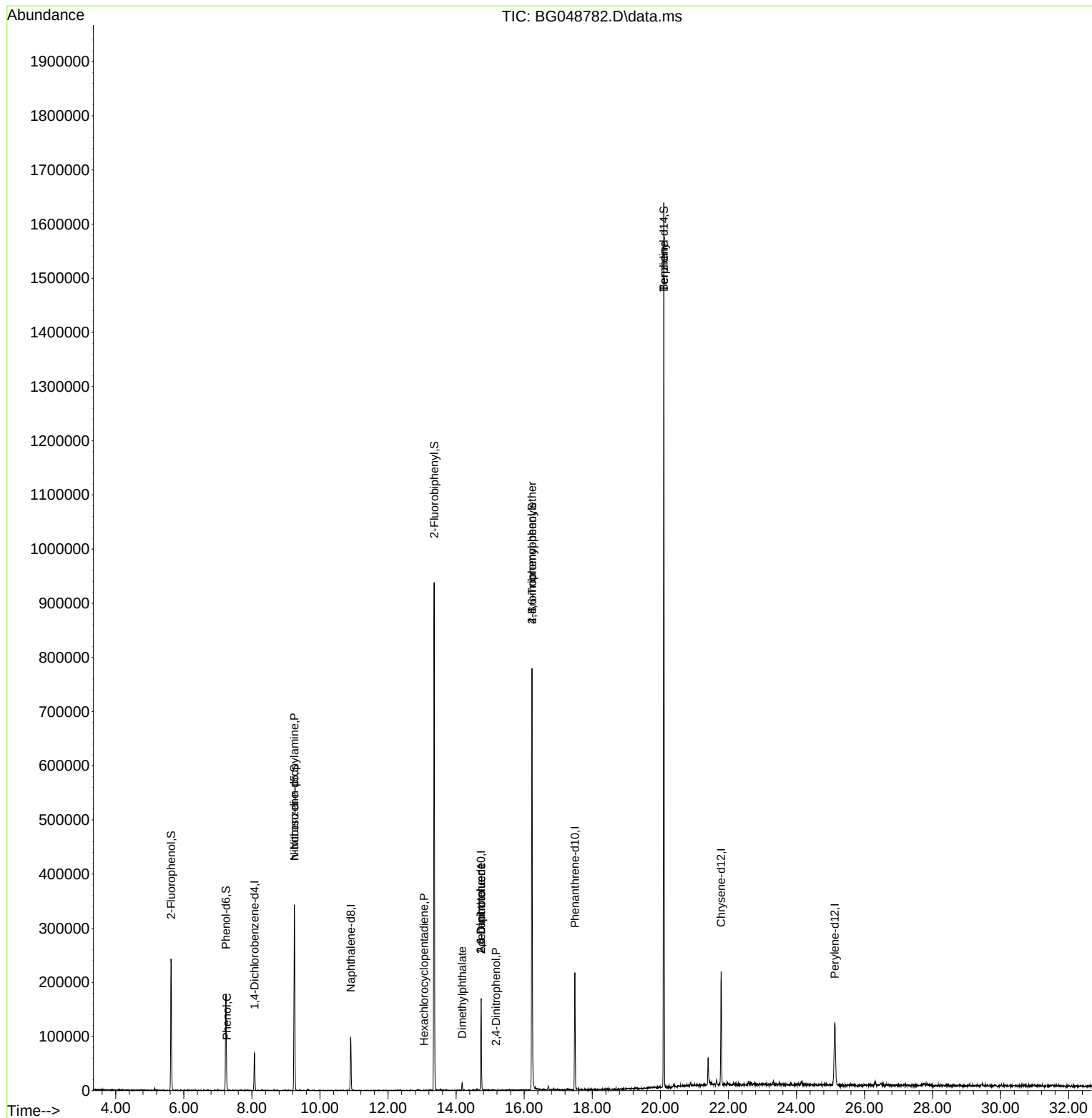
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17120	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	78550	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	57072	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	137036	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	123883	20.00	ng	-0.01
86) Perylene-d12	25.124	264	124125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	95051	92.86	ng	0.00
7) Phenol-d6	7.239	99	88272	60.97	ng	0.00
23) Nitrobenzene-d5	9.248	82	195770	111.58	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	129153	168.78	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	450959	114.11	ng	0.00
79) Terphenyl-d14	20.100	244	728058	101.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.268	94	3091	2.17	ng	92
19) n-Nitroso-di-n-propyla...	9.248	70	32105	32.87	ng	# 65
41) Hexachlorocyclopentadiene	13.056	237	61	5.92	ng	# 31
50) Dimethylphthalate	14.178	163	8676	2.03	ng	# 83
51) 2,6-Dinitrotoluene	14.736	165	7936	8.04	ng	# 10
54) 2,4-Dinitrophenol	15.177	184	64	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7936	5.53	ng	# 15
67) 4-Bromophenyl-phenylether	16.228	248	9559	6.06	ng	# 1
77) Benzidine	20.100	184	15236	4.53	ng	# 84

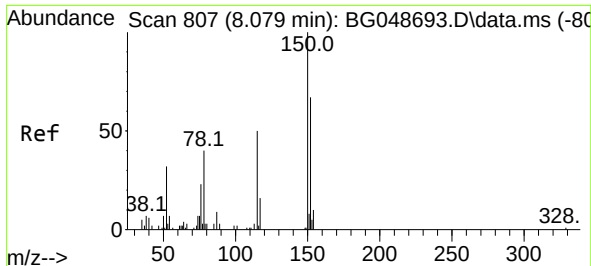
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

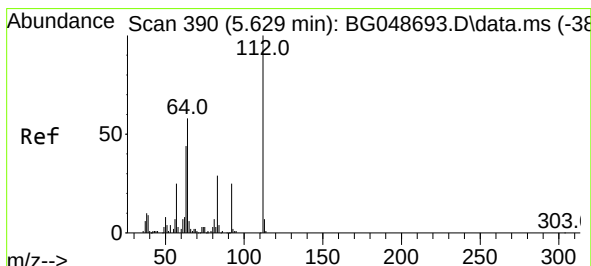
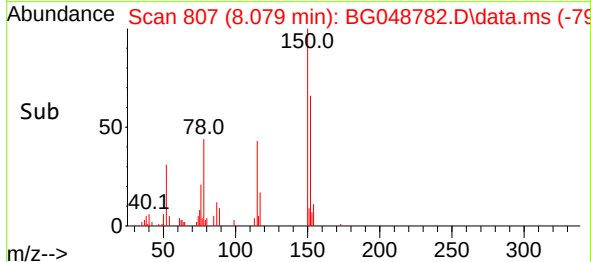
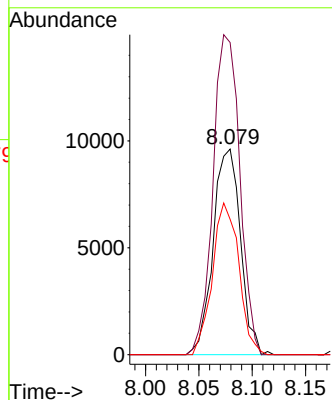
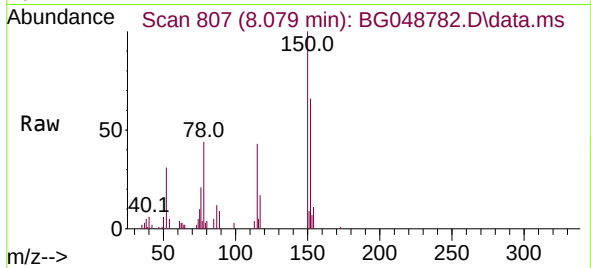




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

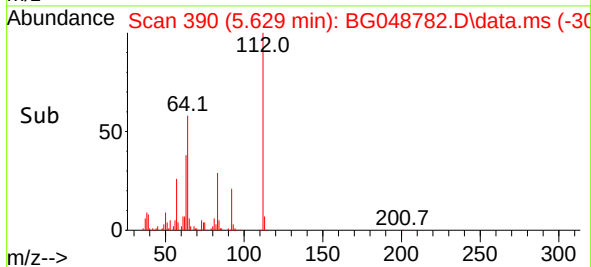
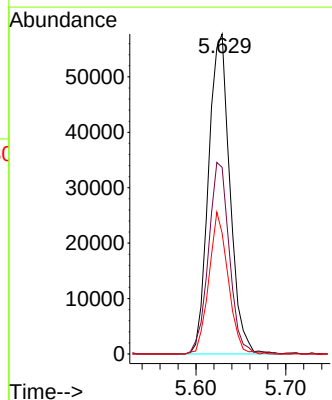
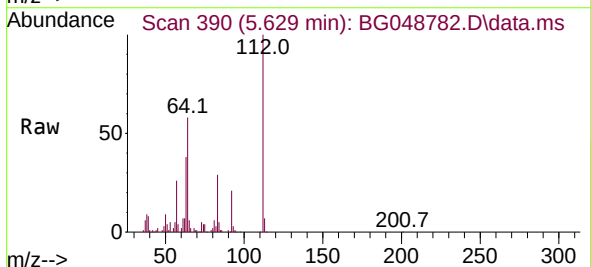
Instrument :
BNA_G
ClientSampleId :
MW-11

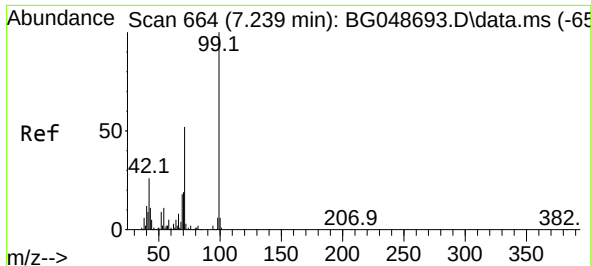
Tgt Ion:152 Resp: 17120
Ion Ratio Lower Upper
152 100
150 151.9 119.4 179.0
115 65.8 60.2 90.4



#5
2-Fluorophenol
Concen: 92.86 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:112 Resp: 95051
Ion Ratio Lower Upper
112 100
64 58.3 46.7 70.1
63 37.8 35.3 52.9

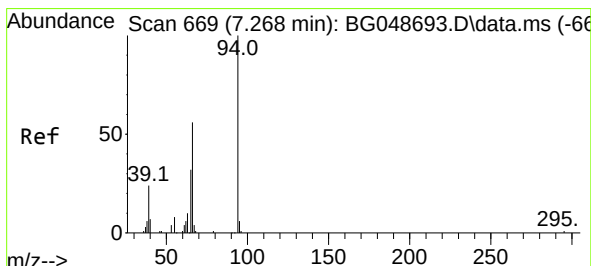
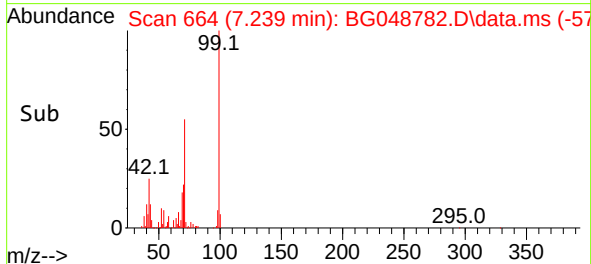
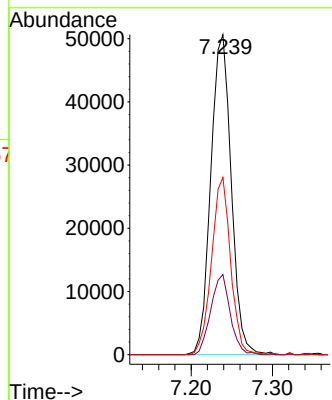
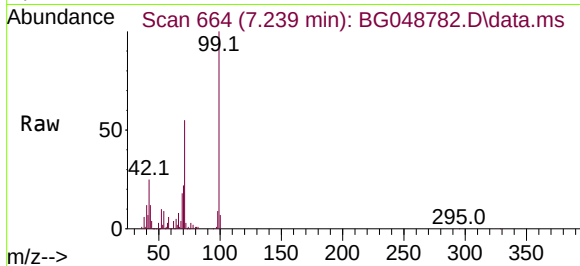




#7
Phenol-d6
Concen: 60.97 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

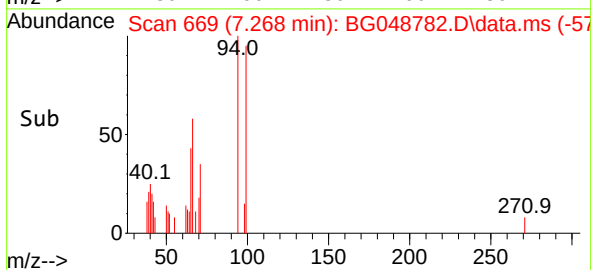
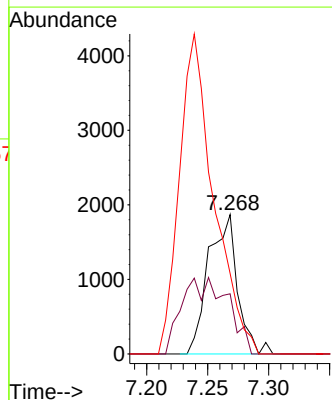
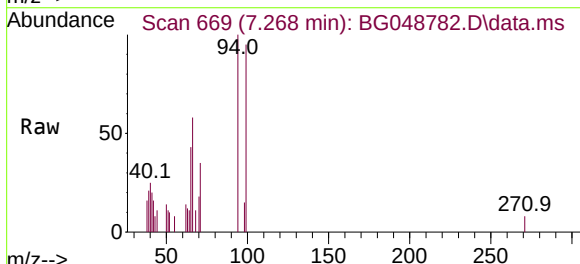
Instrument :
BNA_G
ClientSampleId :
MW-11

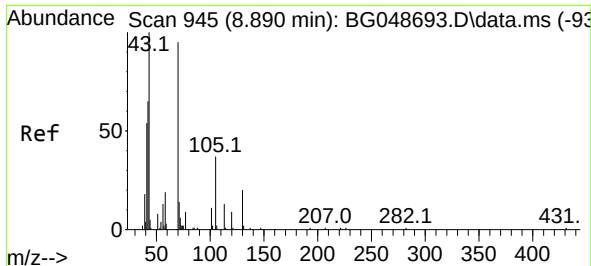
Tgt Ion: 99 Resp: 88272
Ion Ratio Lower Upper
99 100
42 25.1 20.5 30.7
71 55.4 41.5 62.3



#10
Phenol
Concen: 2.17 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion: 94 Resp: 3091
Ion Ratio Lower Upper
94 100
65 43.1 12.9 52.9
66 57.7 39.4 79.4

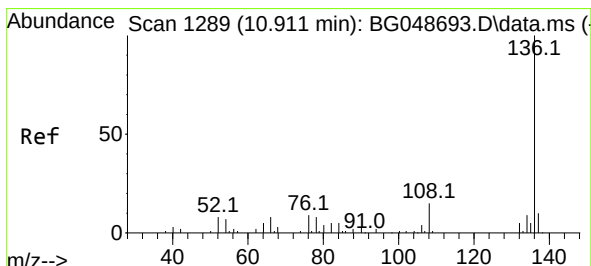
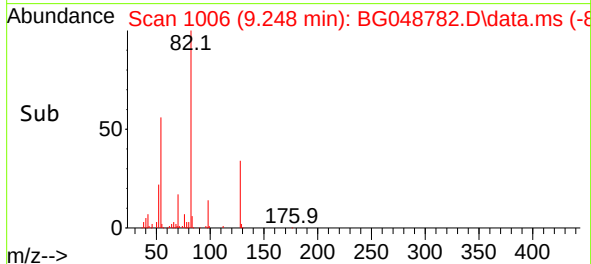
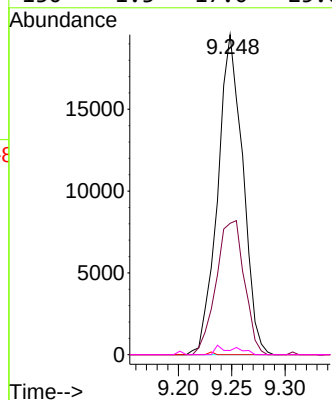
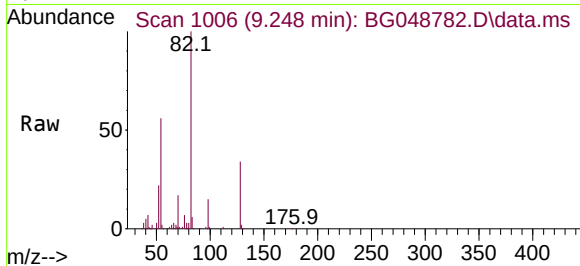




#19
n-Nitroso-di-n-propylamine
Concen: 32.87 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

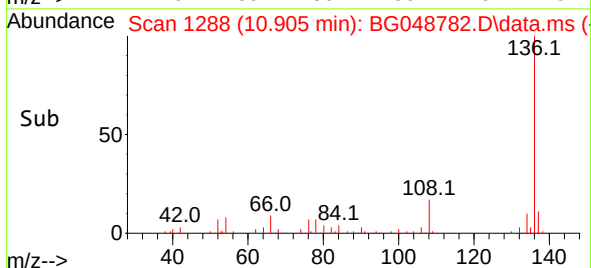
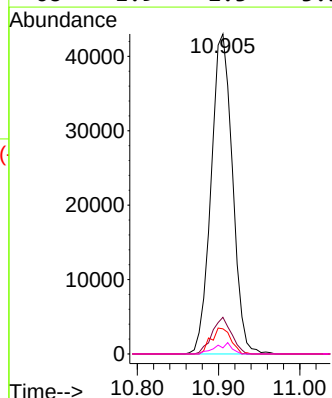
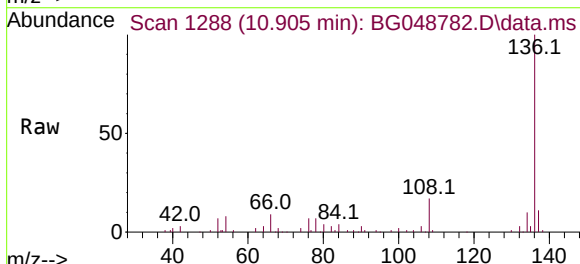
Instrument :
BNA_G
ClientSampled :
MW-11

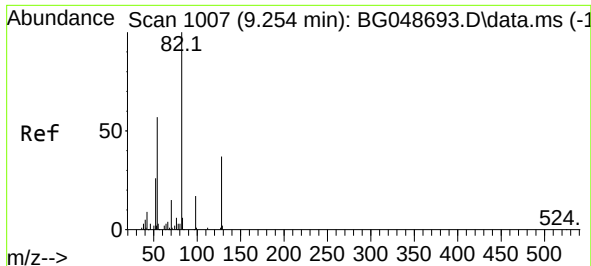
Tgt Ion: 70	Resp: 32105
Ion Ratio	Lower Upper
70 100	
42 41.1	54.5 81.7#
101 0.0	9.0 13.6#
130 1.3	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion: 136	Resp: 78550
Ion Ratio	Lower Upper
136 100	
137 11.4	8.2 12.2
54 7.9	5.5 8.3
68 1.9	2.3 3.5#

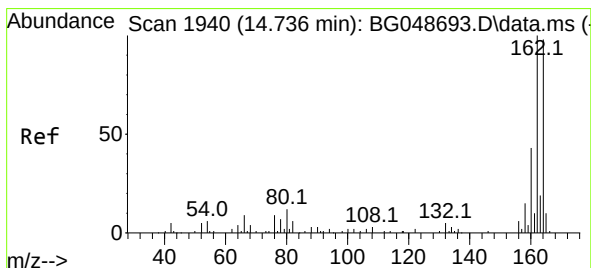
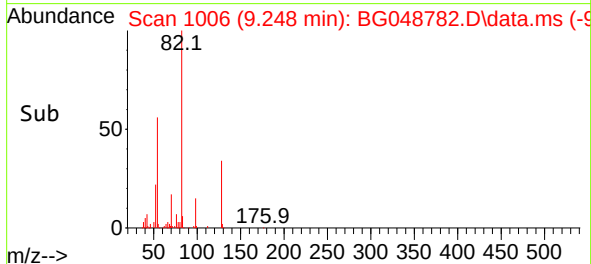
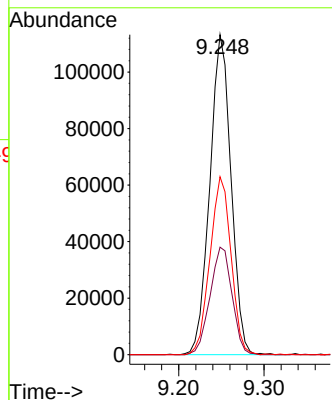
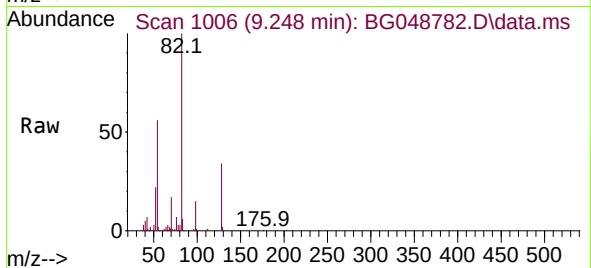




#23
Nitrobenzene-d5
Concen: 111.58 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

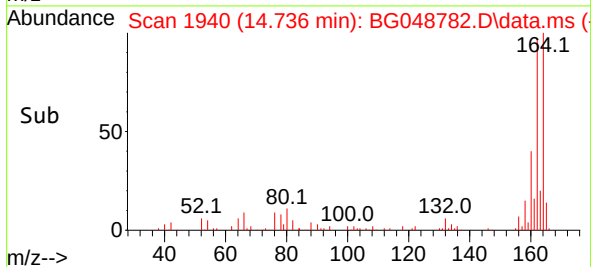
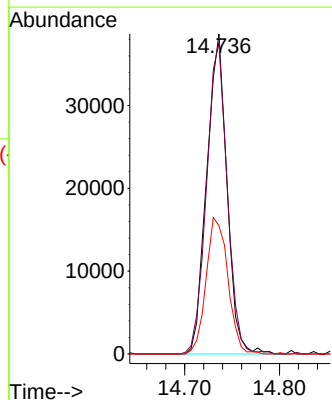
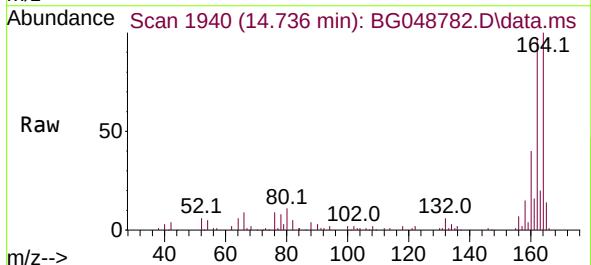
Instrument :
BNA_G
ClientSampleId :
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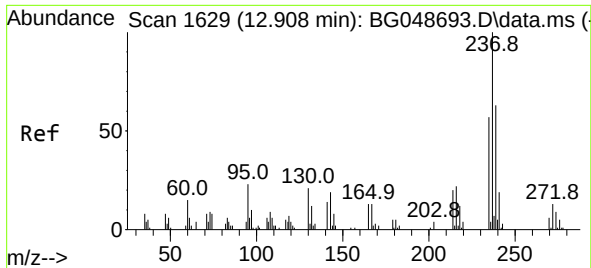
Tgt Ion: 82 Resp: 195770
Ion Ratio Lower Upper
82 100
128 33.6 29.8 44.6
54 55.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion: 164 Resp: 57072
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 40.1 34.9 52.3

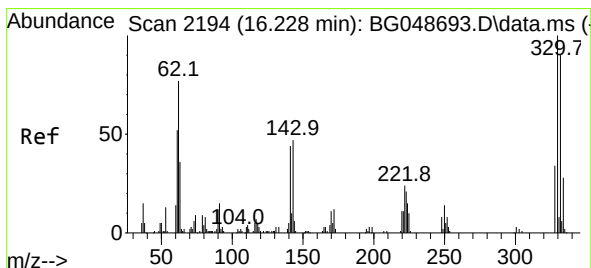
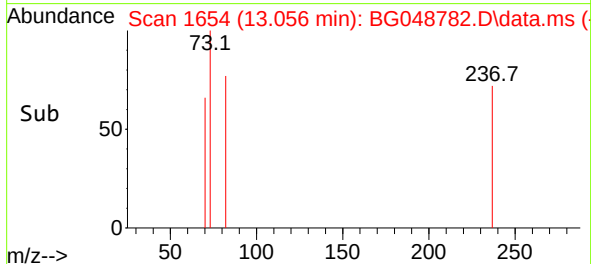
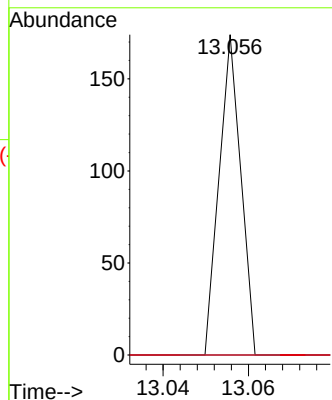
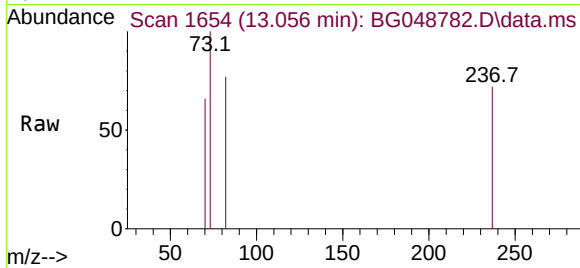




#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 13.056 min Scan# 1654
Delta R.T. 0.146 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

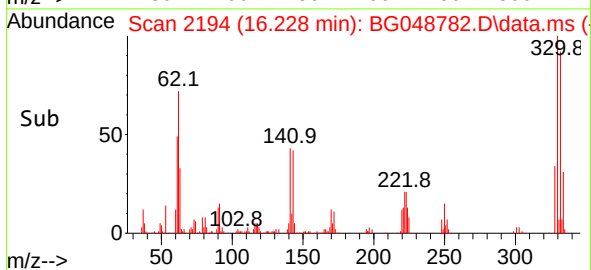
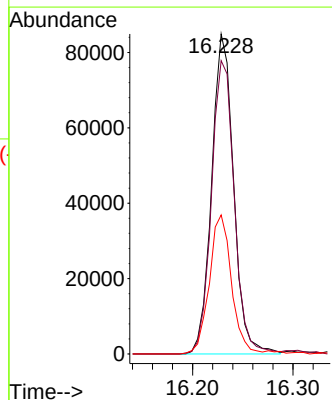
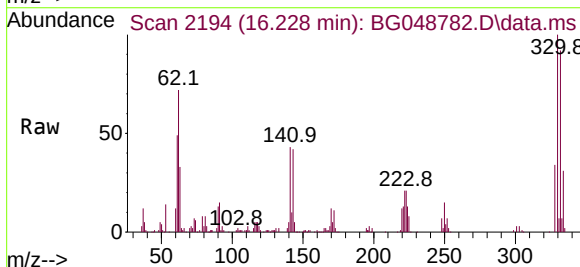
Instrument :
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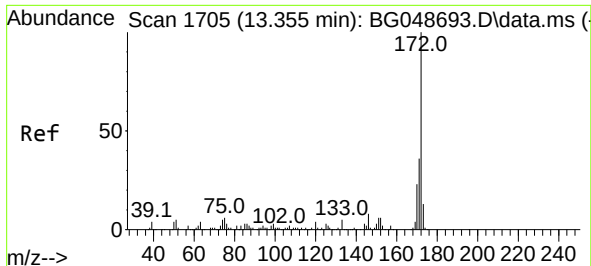
Tgt Ion:237	Resp:	61
Ion Ratio	Lower	Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 168.78 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:330	Resp:	129153
Ion Ratio	Lower	Upper
330	100	
332	95.1	77.3 115.9
141	43.8	35.6 53.4

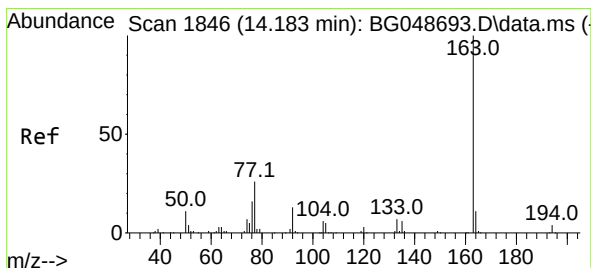
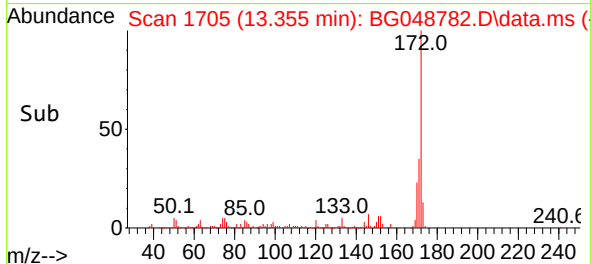
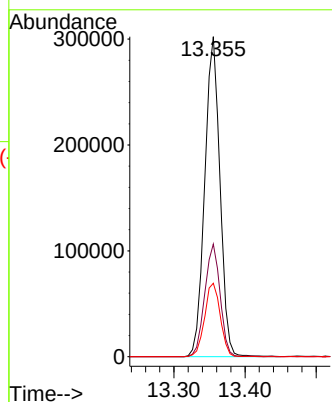
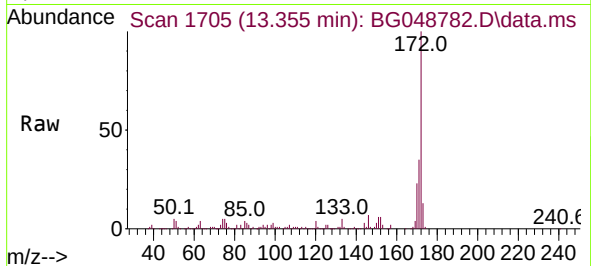




#45
2-Fluorobiphenyl
Concen: 114.11 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

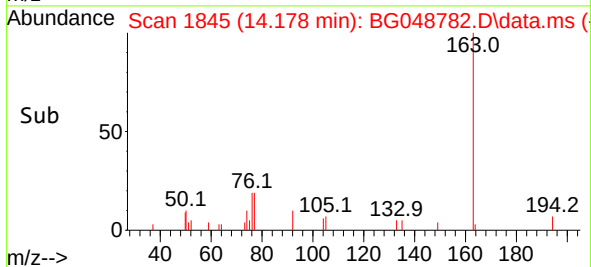
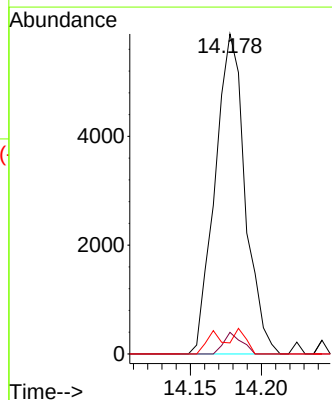
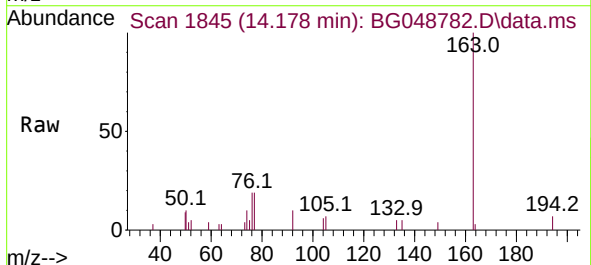
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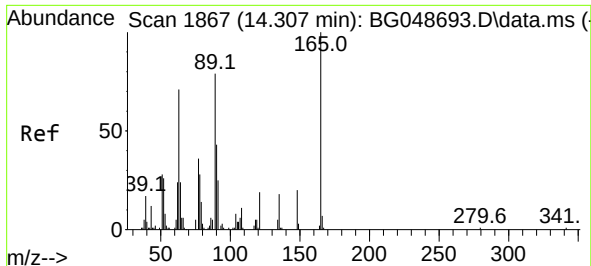
Tgt Ion:	172	Resp:	450959
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	23.0	18.6	27.8



#50
Dimethylphthalate
Concen: 2.03 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:	163	Resp:	8676
Ion Ratio	Lower	Upper	
163	100		
194	6.7	3.0	4.6#
164	3.4	8.6	12.8#

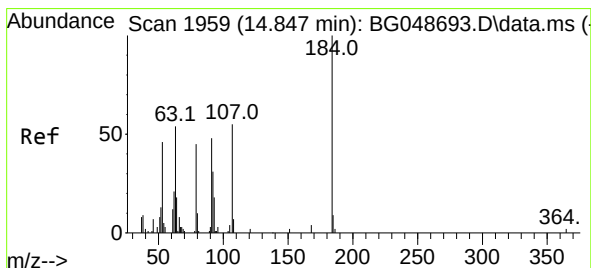
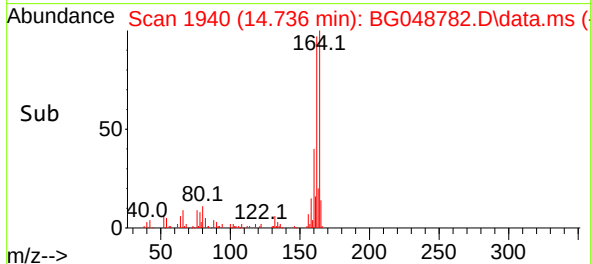
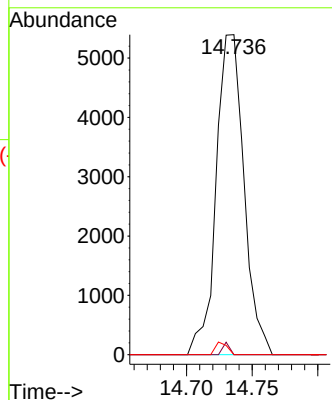
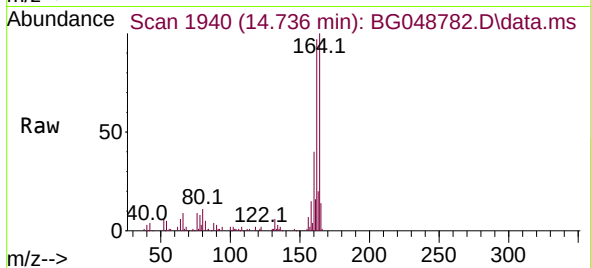




#51
2,6-Dinitrotoluene
Concen: 8.04 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

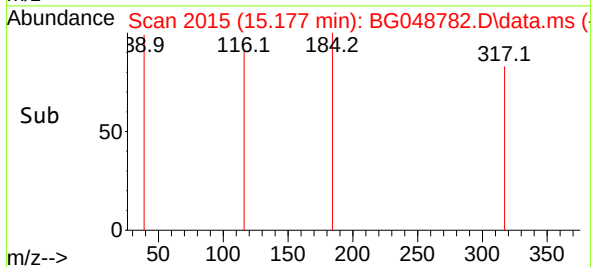
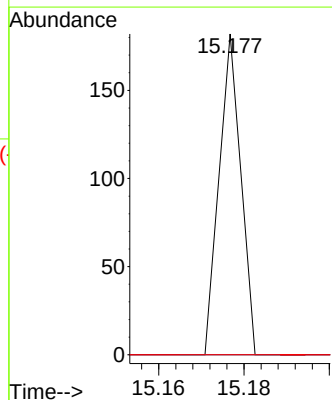
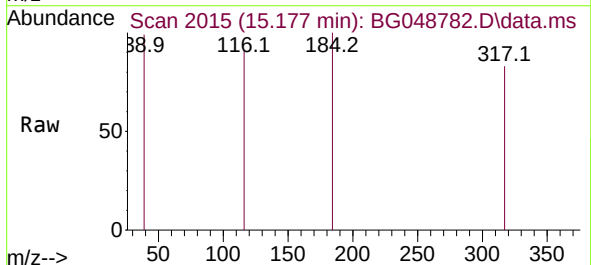
Instrument :
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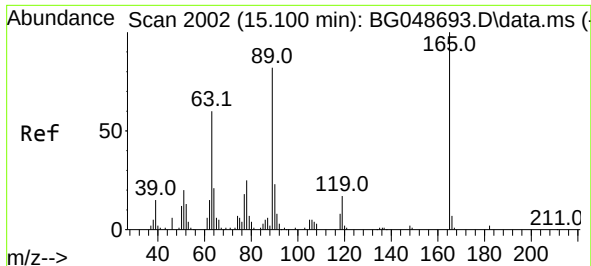
Tgt Ion:165 Resp: 7936
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 15.177 min Scan# 2015
Delta R.T. 0.322 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

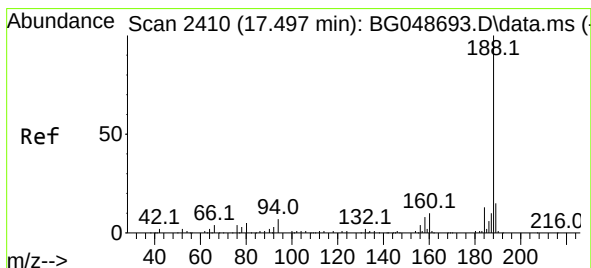
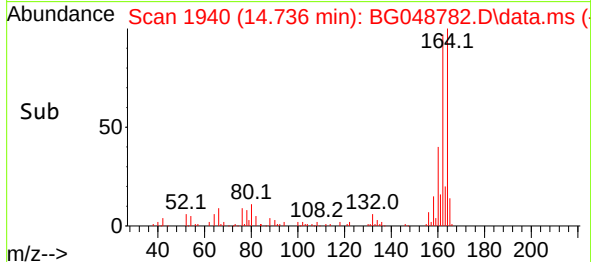
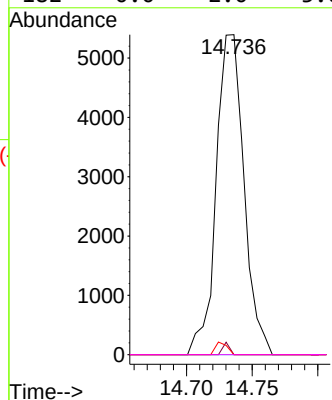
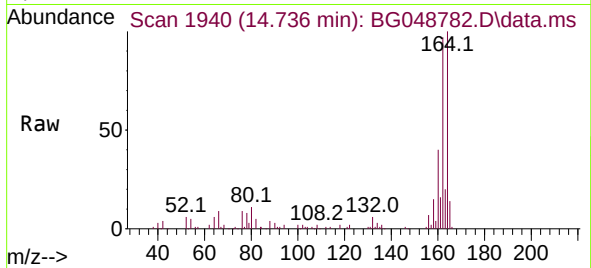




#57
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

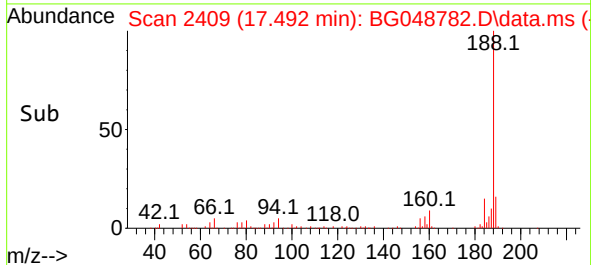
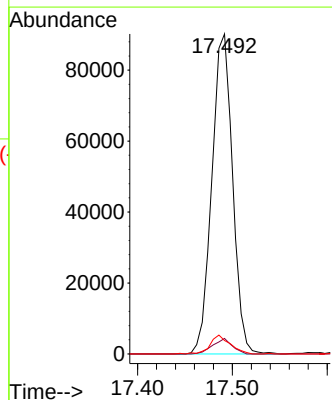
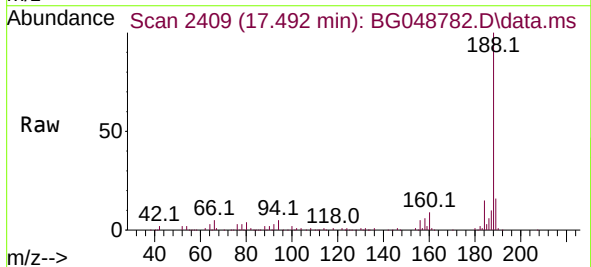
Instrument :
BNA_G
ClientSampleId :
MW-11

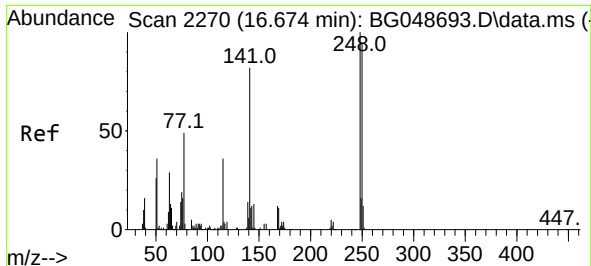
Tgt Ion:165 Resp: 7936
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:188 Resp: 137036
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 4.2 3.7 5.5

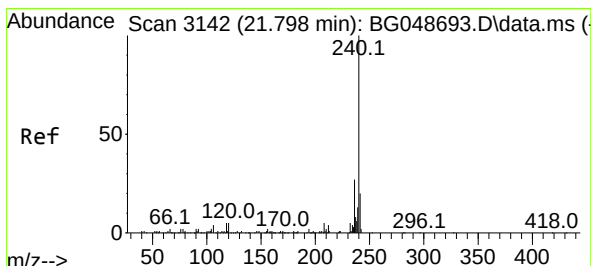
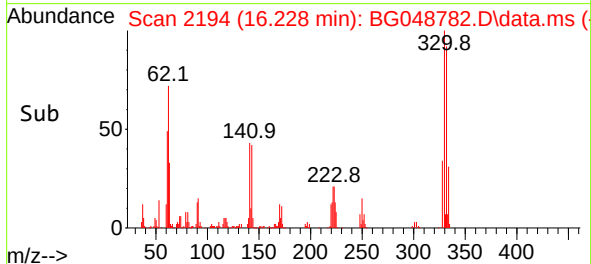
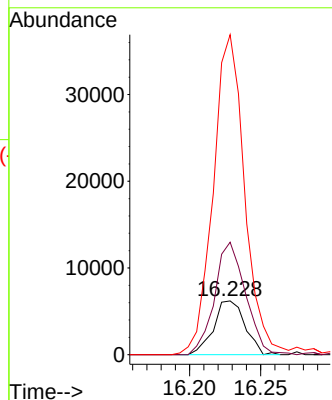
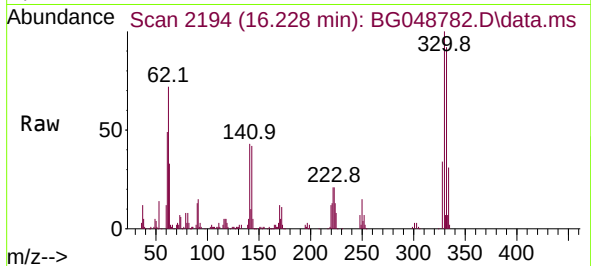




#67
4-Bromophenyl-phenylether
Concen: 6.06 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

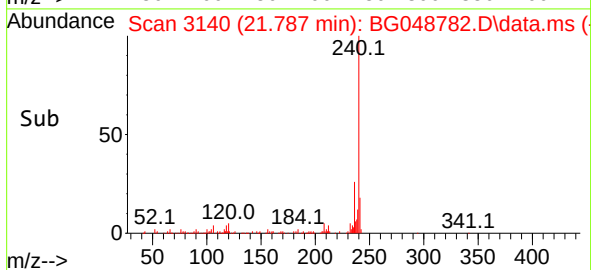
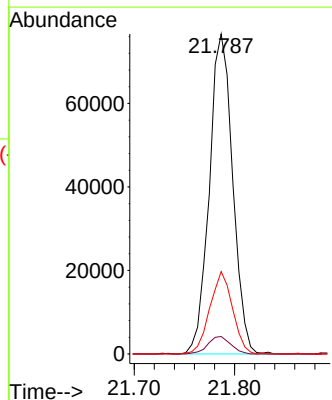
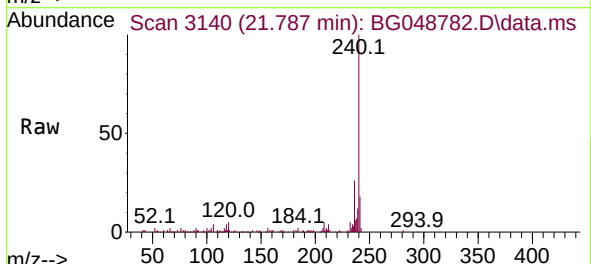
Instrument :
BNA_G
ClientSampled :
MW-11

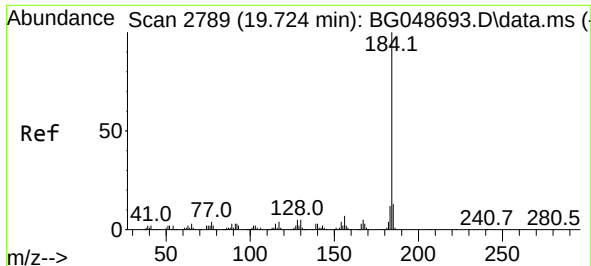
Tgt Ion:248 Resp: 9559
Ion Ratio Lower Upper
248 100
250 208.8 76.1 114.1#
141 594.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:240 Resp: 123883
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.8 21.8 32.6

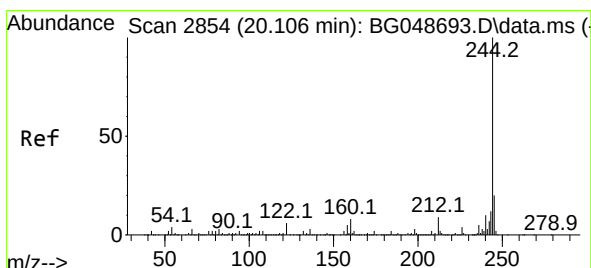
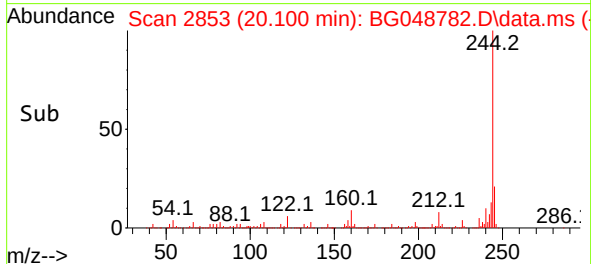
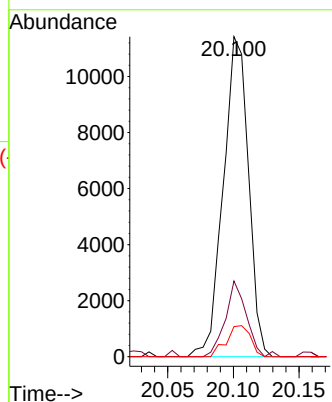
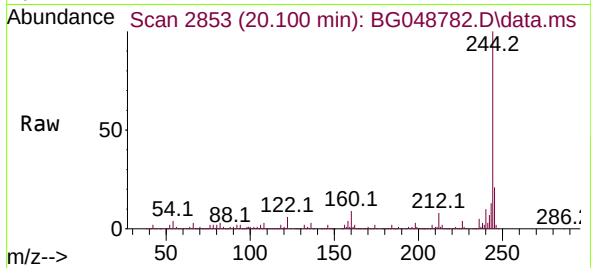




#77
Benzidine
Concen: 4.53 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

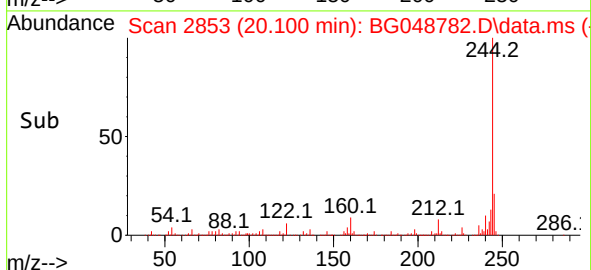
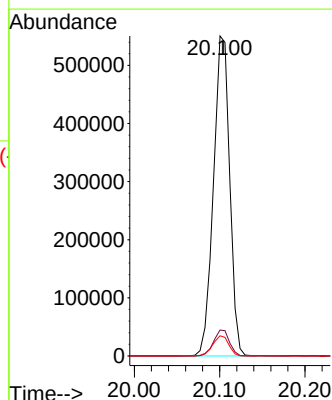
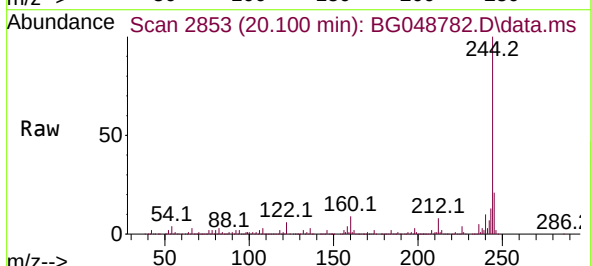
Instrument :
BNA_G
ClientSampled :
MW-11

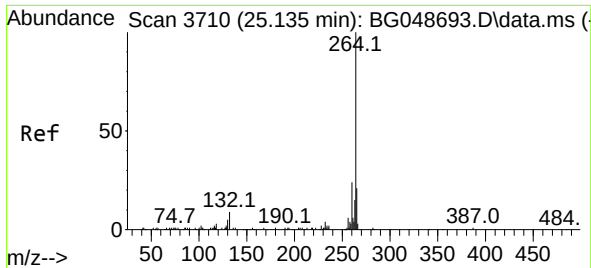
Tgt Ion:184 Resp: 15236
Ion Ratio Lower Upper
184 100
185 23.6 10.7 16.1#
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 101.15 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048782.D
Acq: 20 Apr 2021 3:43

Tgt Ion:244 Resp: 728058
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.124 min Scan# 3708
 Delta R.T. -0.018 min
 Lab File: BG048782.D
 Acq: 20 Apr 2021 3:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion:	264	Resp:	124125
Ion Ratio	Lower	Upper	
264	100		
260	26.2	19.4	29.2
265	23.9	16.9	25.3

