

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048784.D
 Acq On : 20 Apr 2021 5:04
 Operator : CG/JU
 Sample : M2079-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Apr 20 05:52:56 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)

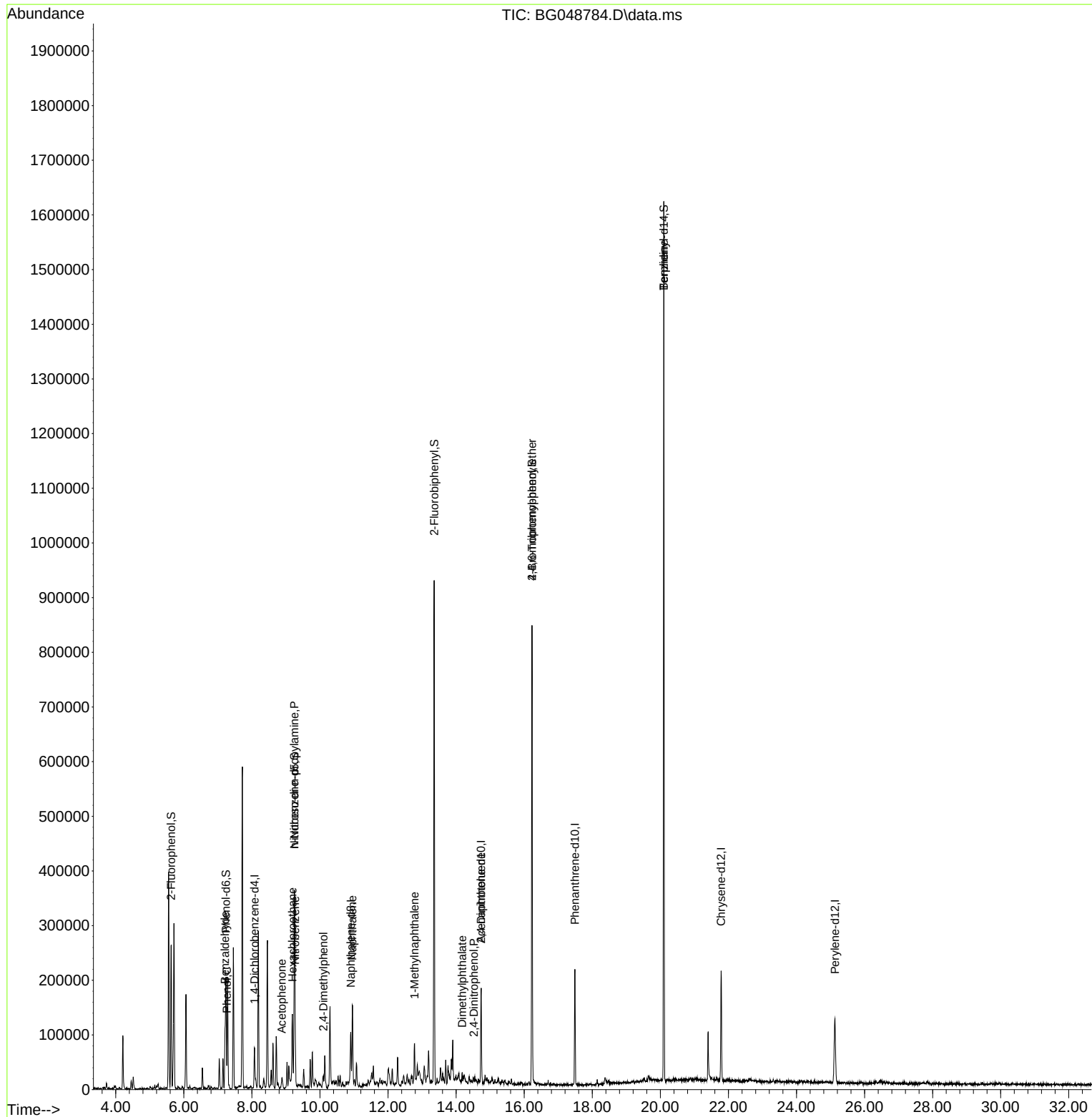
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	18308	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	76611	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	55325	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	131051	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	122577	20.00	ng	#-0.01
86) Perylene-d12	25.130	264	123449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	100996	92.26	ng	0.00
7) Phenol-d6	7.239	99	94709	61.17	ng	0.00
23) Nitrobenzene-d5	9.249	82	191367	111.83	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	134329	181.09	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	438919	114.57	ng	0.00
79) Terphenyl-d14	20.101	244	707044	99.28	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.210	77	9331	9.09	ng	# 1
10) Phenol	7.269	94	4463	2.93	ng	# 58
18) Hexachloroethane	9.196	117	13224	24.74	ng	# 1
19) n-Nitroso-di-n-propyla...	9.249	70	32119	30.75	ng	# 69
22) Acetophenone	8.879	105	12856	6.45	ng	# 55
24) Nitrobenzene	9.272	77	4026	2.36	ng	# 13
27) 2,4-Dimethylphenol	10.101	122	3805	3.35	ng	# 88
31) Naphthalene	10.953	128	102579	26.09	ng	95
38) 1-Methylnaphthalene	12.780	142	19438	6.65	ng	# 91
50) Dimethylphthalate	14.178	163	9993	2.41	ng	# 90
54) 2,4-Dinitrophenol	14.525	184	61	5.38	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	8311	5.98	ng	# 24
67) 4-Bromophenyl-phenylether	16.229	248	10274	6.81	ng	# 1
77) Benzidine	20.101	184	15357	4.61	ng	# 89

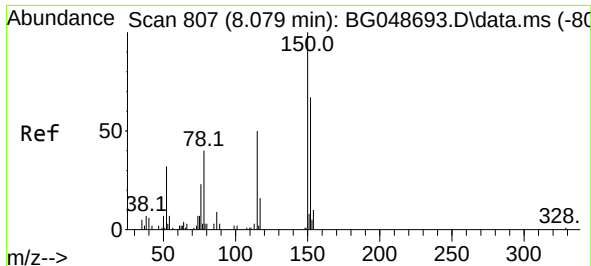
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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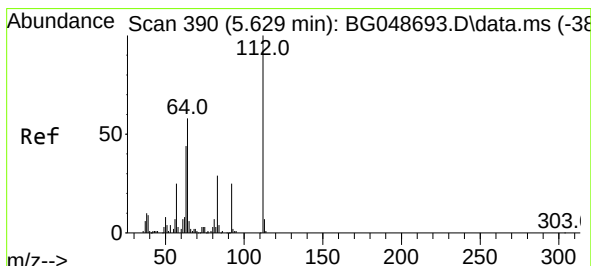
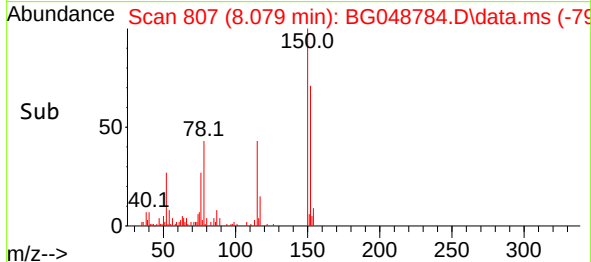
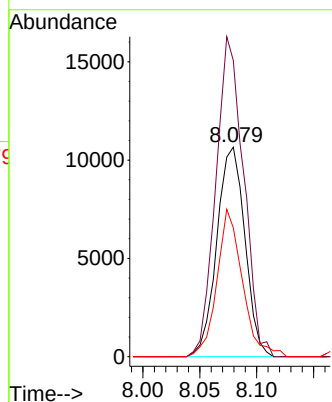
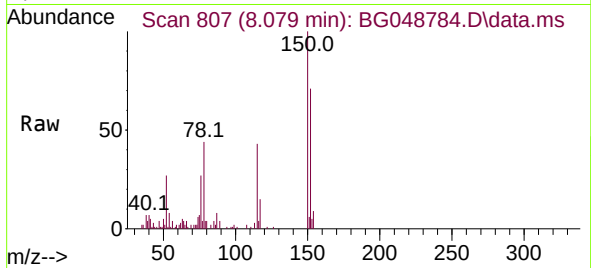




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

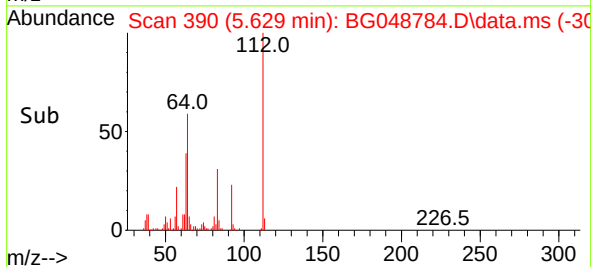
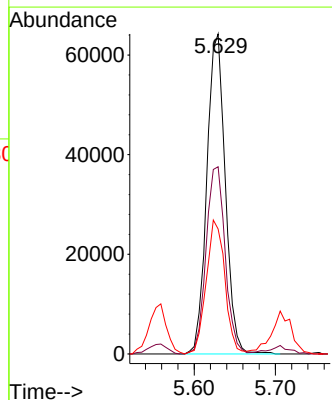
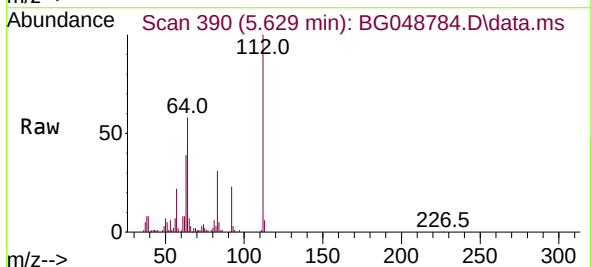
Instrument :
BNA_G
ClientSampled :
MW-12

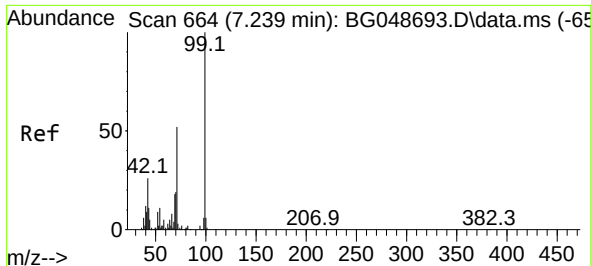
Tgt Ion:152 Resp: 18308
Ion Ratio Lower Upper
152 100
150 141.2 119.4 179.0
115 61.4 60.2 90.4



#5
2-Fluorophenol
Concen: 92.26 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:112 Resp: 100996
Ion Ratio Lower Upper
112 100
64 58.5 46.7 70.1
63 39.0 35.3 52.9

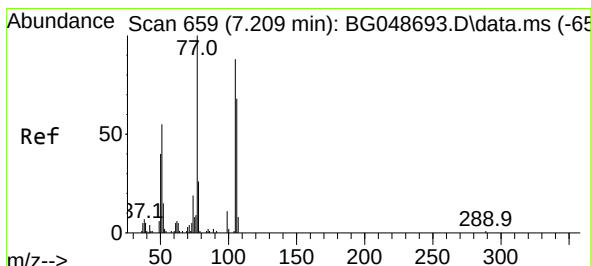
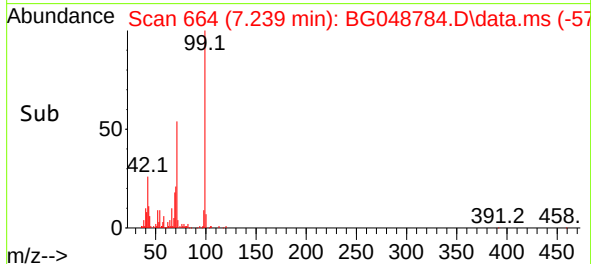
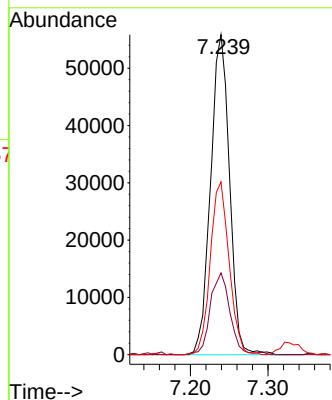
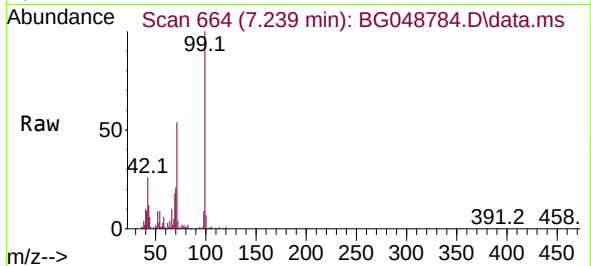




#7
Phenol-d6
Concen: 61.17 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

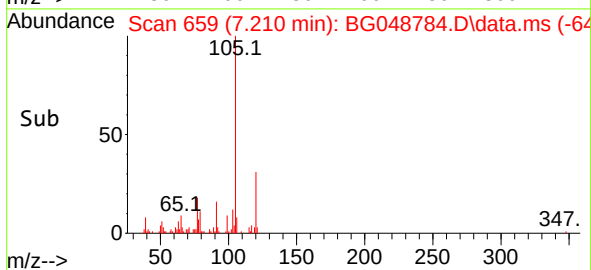
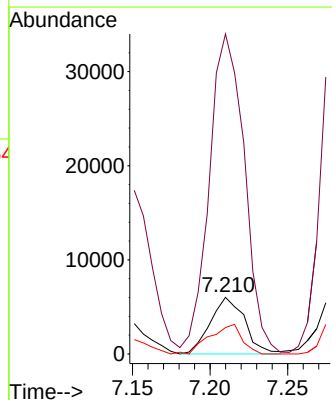
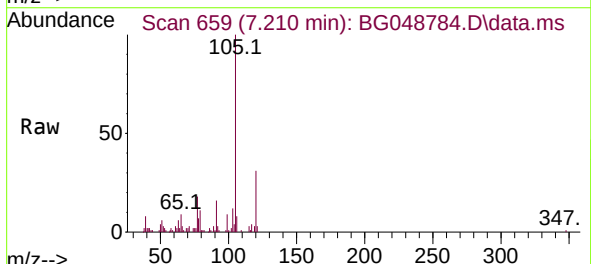
Instrument :
BNA_G
ClientSampleId :
MW-12

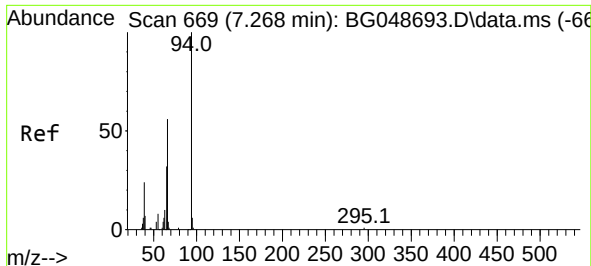
Tgt Ion: 99 Resp: 94709
Ion Ratio Lower Upper
99 100
42 25.5 20.5 30.7
71 54.0 41.5 62.3



#9
Benzaldehyde
Concen: 9.09 ng
RT: 7.210 min Scan# 659
Delta R.T. -0.000 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion: 77 Resp: 9331
Ion Ratio Lower Upper
77 100
105 564.4 68.8 108.8#
106 46.7 47.9 87.9#

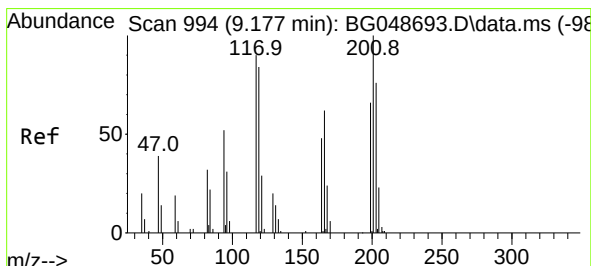
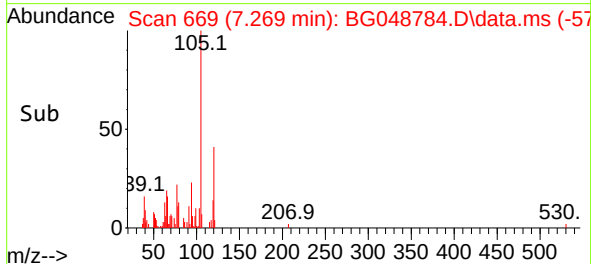
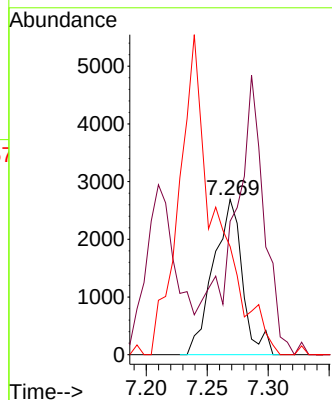
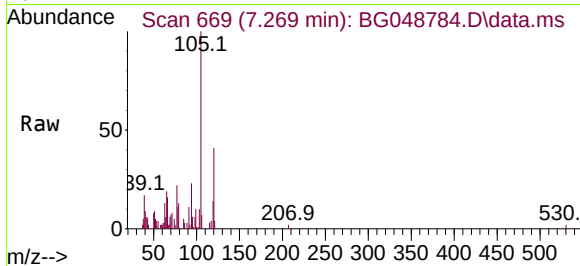




#10
Phenol
Concen: 2.93 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.000 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

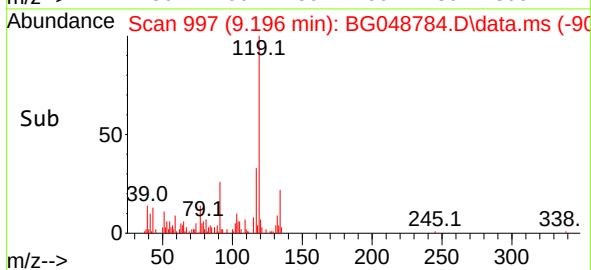
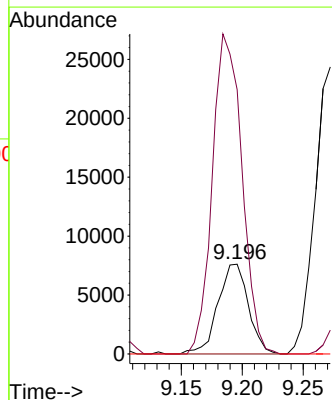
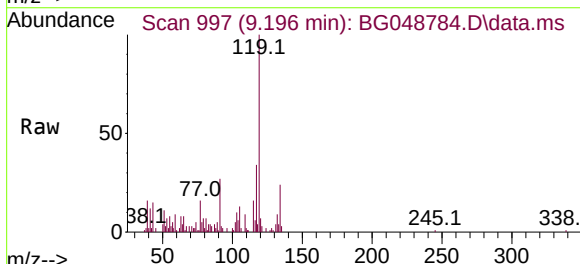
Instrument :
BNA_G
ClientSampled :
MW-12

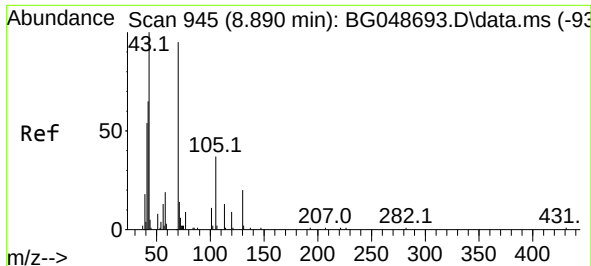
Tgt Ion: 94 Resp: 4463
Ion Ratio Lower Upper
94 100
65 86.0 12.9 52.9#
66 69.6 39.4 79.4



#18
Hexachloroethane
Concen: 24.74 ng
RT: 9.196 min Scan# 997
Delta R.T. 0.023 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion: 117 Resp: 13224
Ion Ratio Lower Upper
117 100
119 294.8 74.4 111.6#
201 0.0 88.6 133.0#

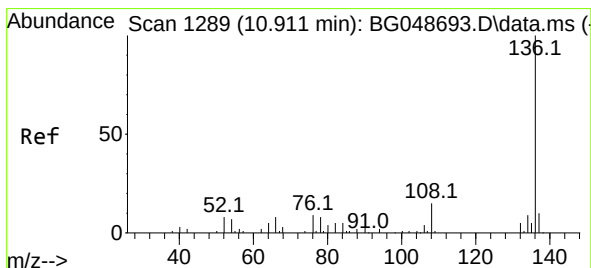
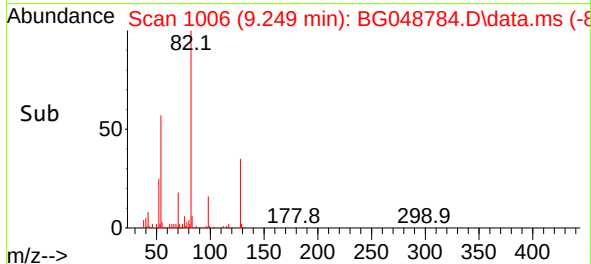
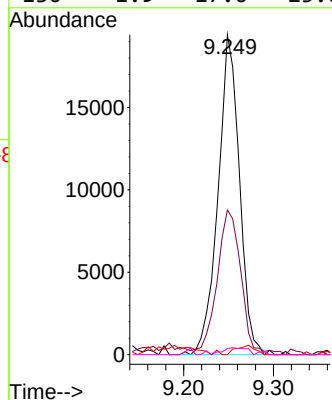
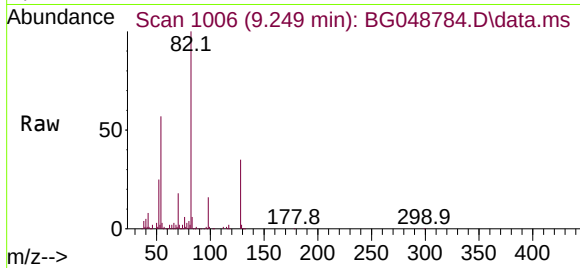




#19
n-Nitroso-di-n-propylamine
Concen: 30.75 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

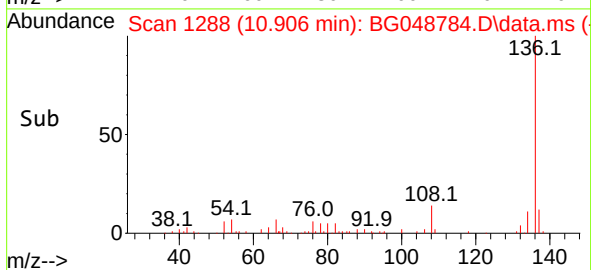
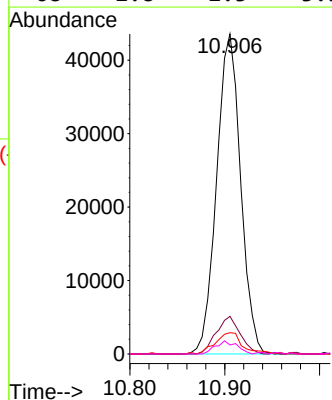
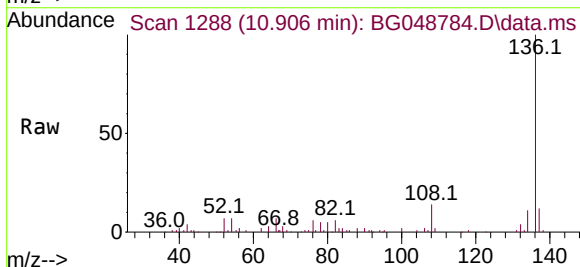
Instrument :
BNA_G
ClientSampled :
MW-12

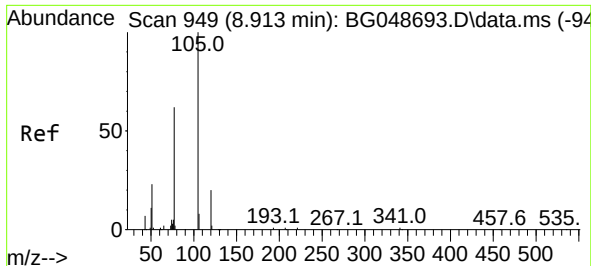
Tgt Ion: 70	Resp:	32119
Ion Ratio	Lower	Upper
70	100	
42	45.3	54.5 81.7#
101	0.0	9.0 13.6#
130	1.9	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion: 136	Resp:	76611
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.2 12.2
54	6.7	5.5 8.3
68	2.8	2.3 3.5

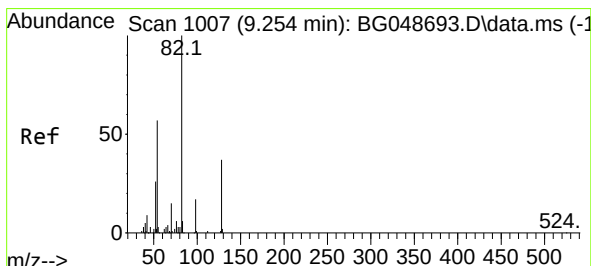
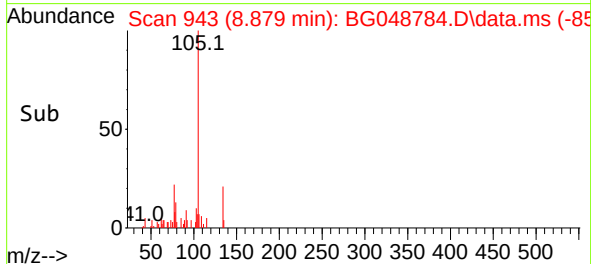
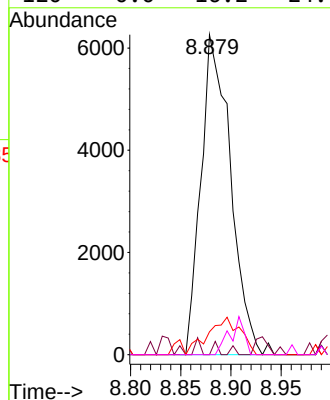
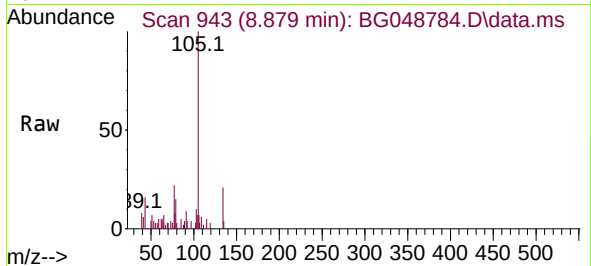




#22
Acetophenone
Concen: 6.45 ng
RT: 8.879 min Scan# 943
Delta R.T. -0.030 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

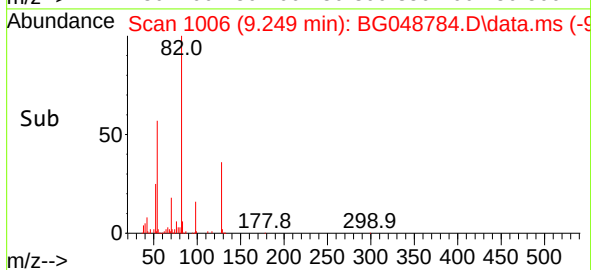
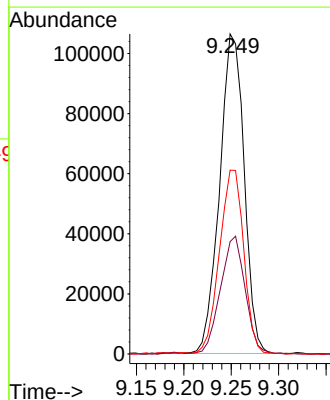
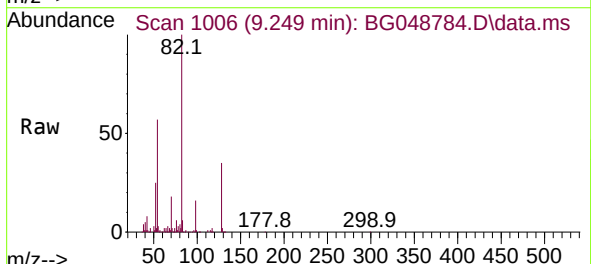
Instrument :
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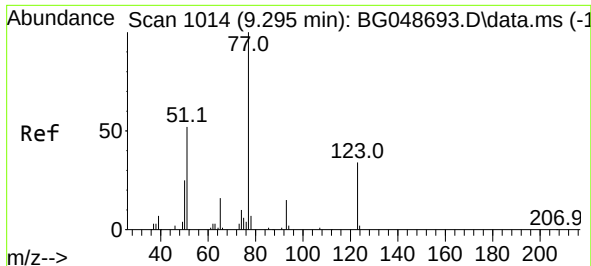
Tgt Ion:	105	Resp:	12856
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	0.8#
51	7.2	26.6	40.0#
120	0.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 111.83 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:	82	Resp:	191367
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.8	44.6
54	57.4	45.8	68.8

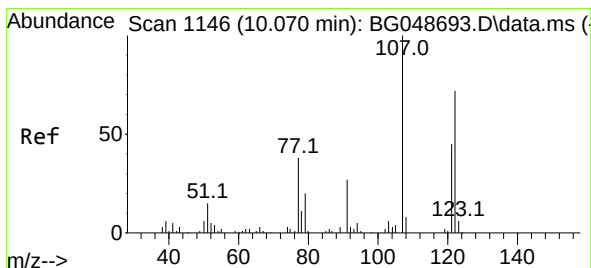
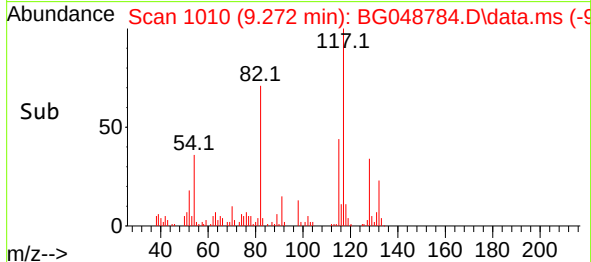
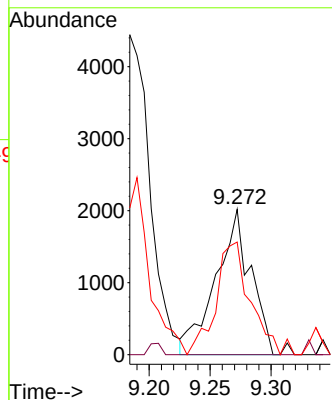
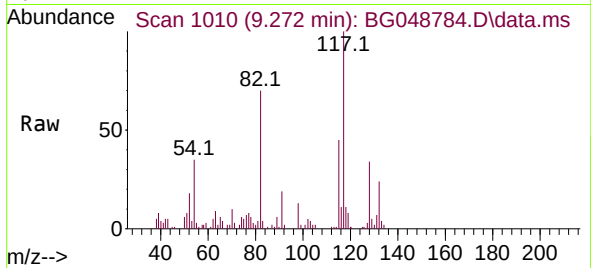




#24
Nitrobenzene
Concen: 2.36 ng
RT: 9.272 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

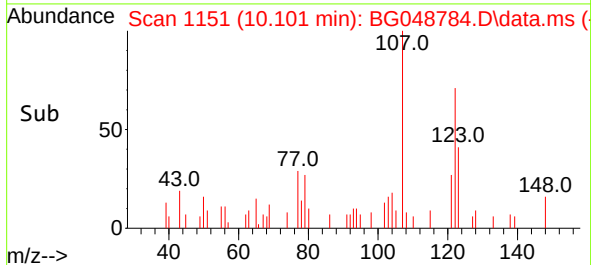
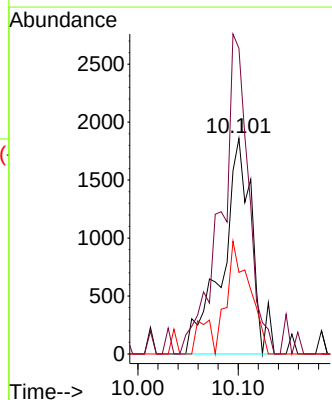
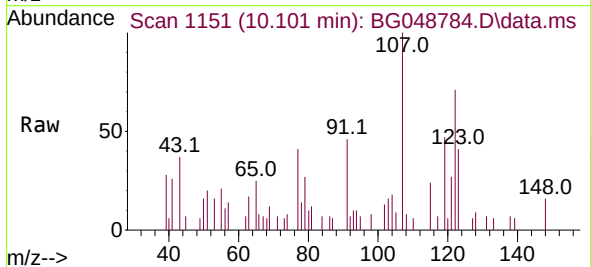
Instrument :
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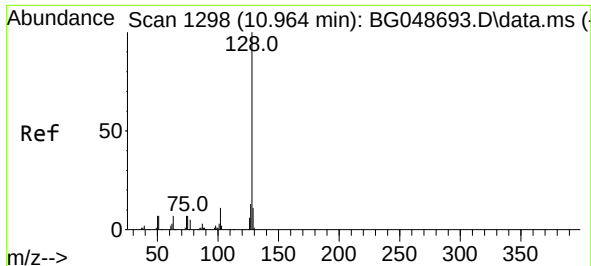
Tgt Ion: 77 Resp: 4026
Ion Ratio Lower Upper
77 100
123 0.0 27.5 41.3#
65 77.5 12.6 18.8#



#27
2,4-Dimethylphenol
Concen: 3.35 ng
RT: 10.101 min Scan# 1151
Delta R.T. 0.029 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion: 122 Resp: 3805
Ion Ratio Lower Upper
122 100
107 141.8 110.1 165.1
121 37.8 49.0 73.6#

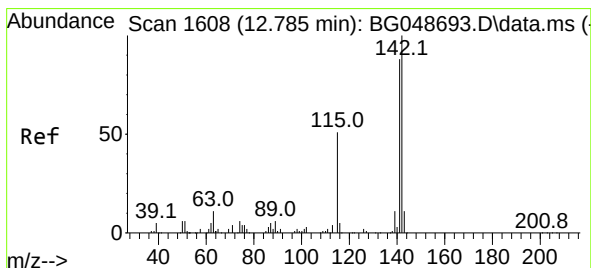
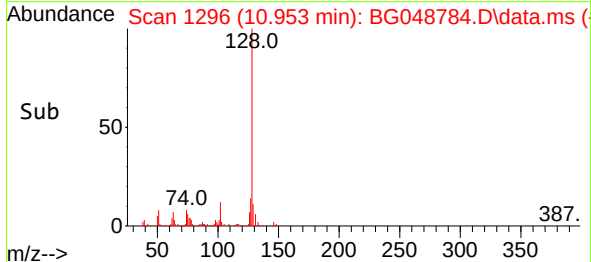
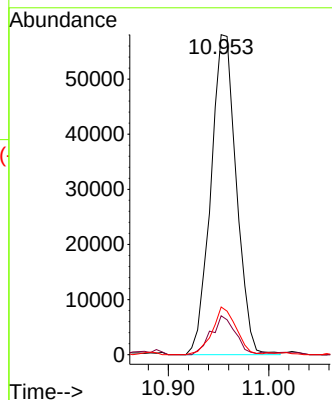
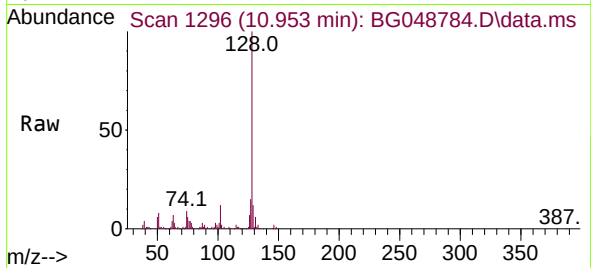




#31
Naphthalene
Concen: 26.09 ng
RT: 10.953 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

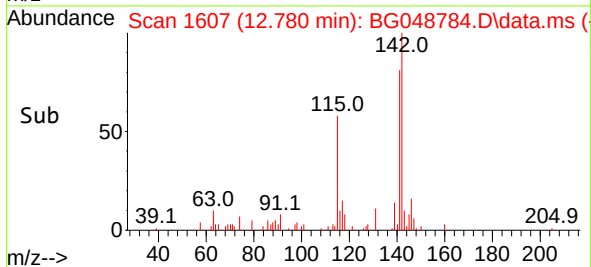
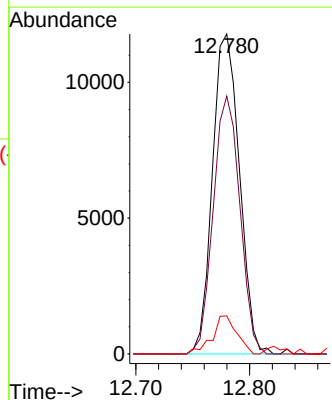
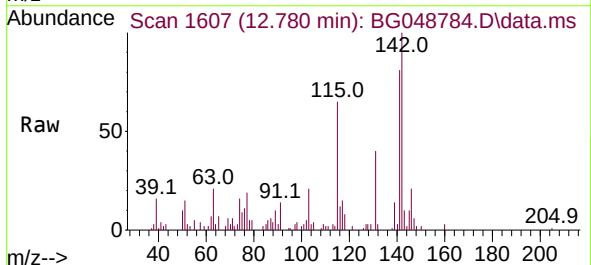
Instrument :
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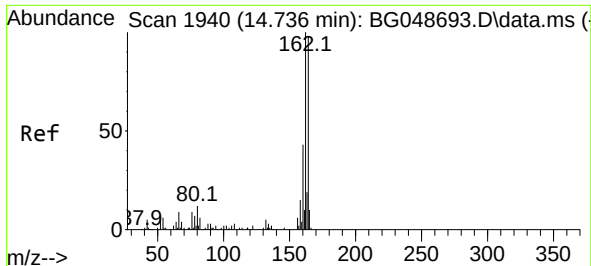
Tgt Ion:128 Resp: 102579
Ion Ratio Lower Upper
128 100
129 12.2 8.5 12.7
127 14.9 10.2 15.4



#38
1-Methylnaphthalene
Concen: 6.65 ng
RT: 12.780 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:142 Resp: 19438
Ion Ratio Lower Upper
142 100
141 80.6 70.6 106.0
116 11.9 4.0 6.0#

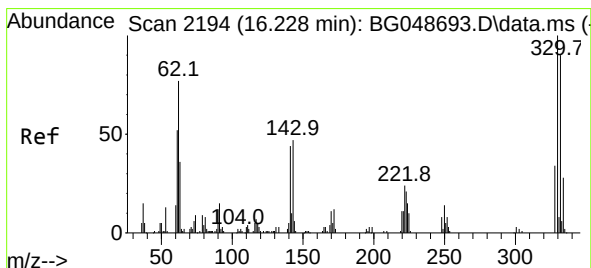
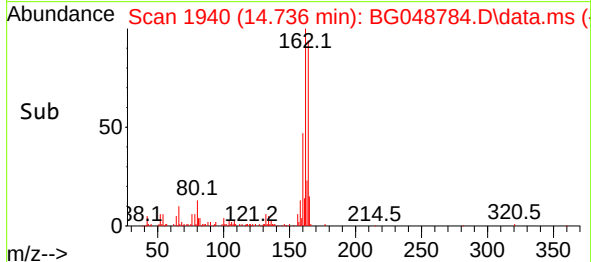
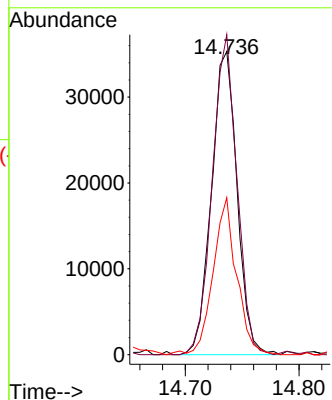
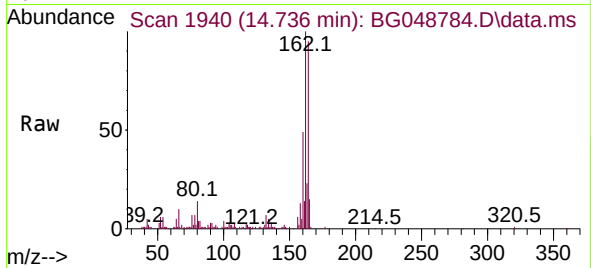




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

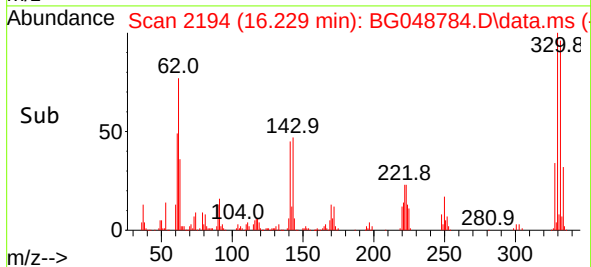
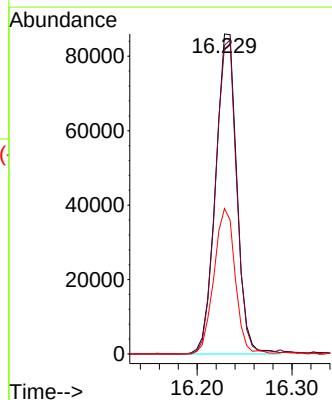
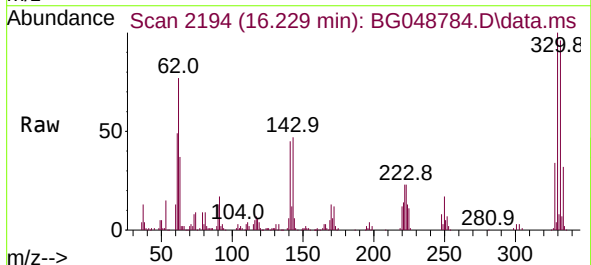
Instrument :
BNA_G
ClientSampled :
MW-12

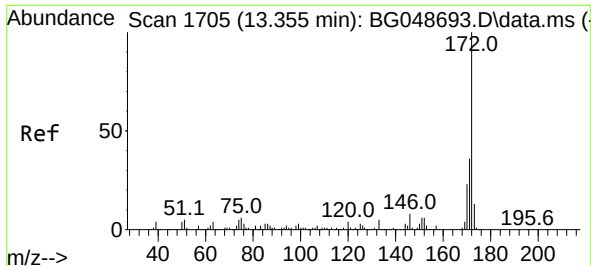
Tgt Ion:164 Resp: 55325
Ion Ratio Lower Upper
164 100
162 105.5 81.4 122.0
160 51.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 181.09 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:330 Resp: 134329
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 45.4 35.6 53.4

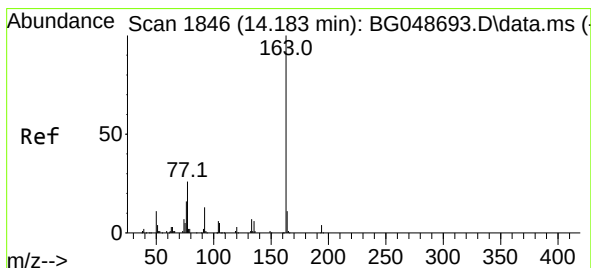
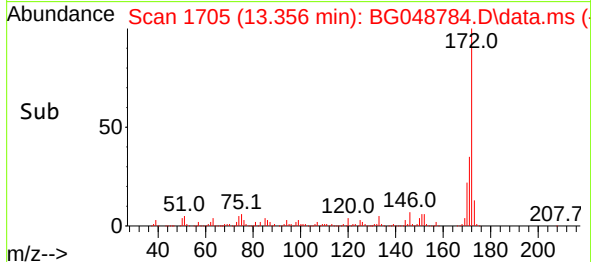
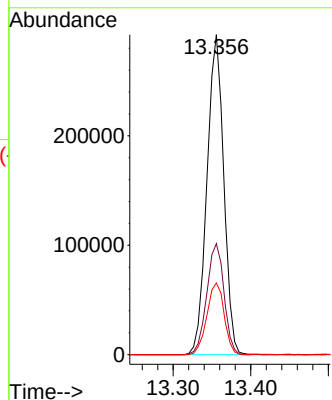
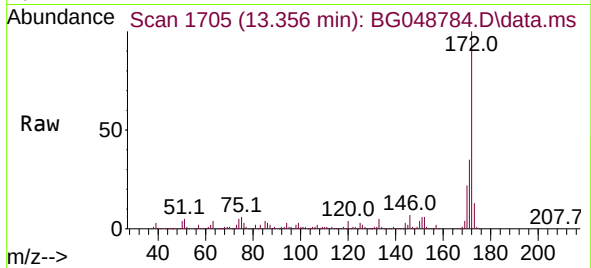




#45
2-Fluorobiphenyl
Concen: 114.57 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

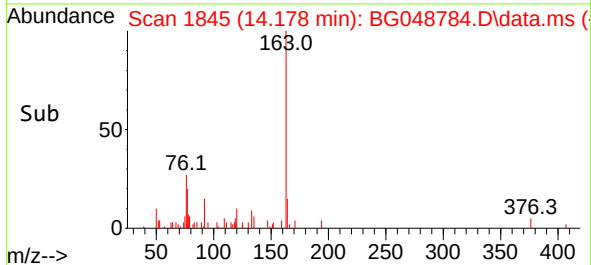
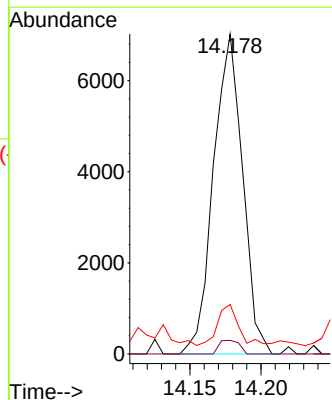
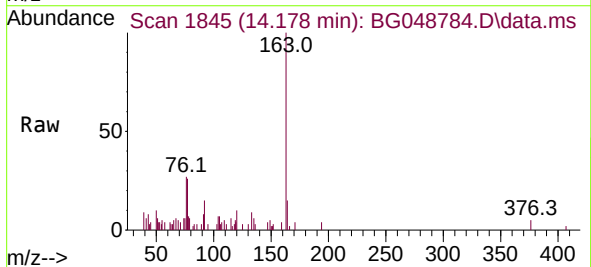
Instrument :
BNA_G
ClientSampled :
MW-12

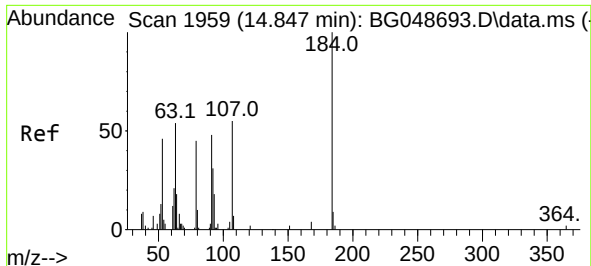
Tgt Ion:172	Resp:	438919
Ion Ratio	Lower	Upper
172	100	
171	34.7	28.6 43.0
170	22.4	18.6 27.8



#50
Dimethylphthalate
Concen: 2.41 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:163	Resp:	9993
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.0 4.6
164	15.4	8.6 12.8#

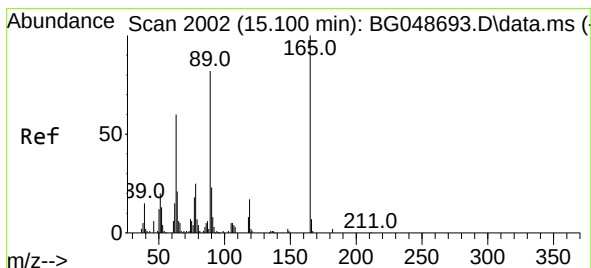
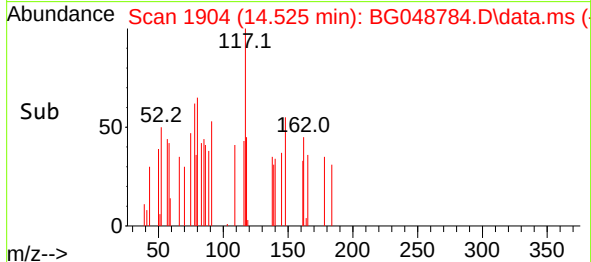
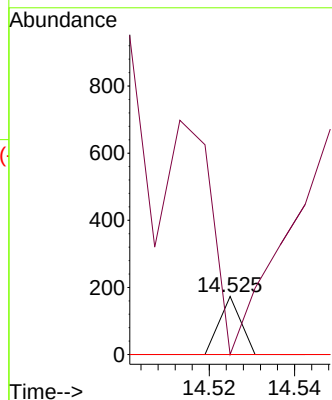
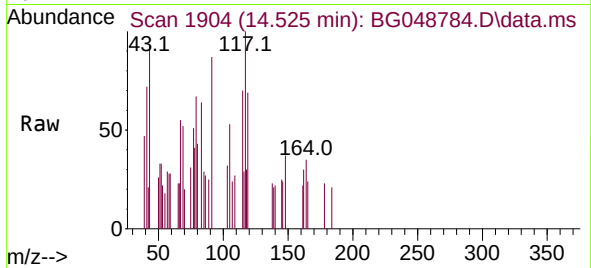




#54
2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.525 min Scan# 1904
Delta R.T. -0.330 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

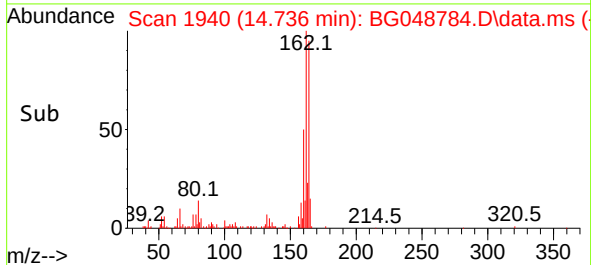
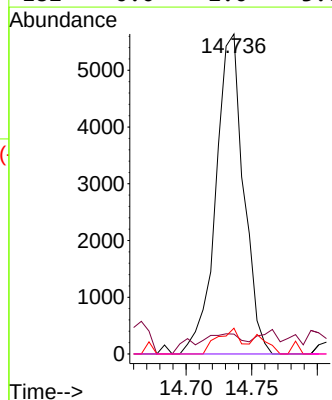
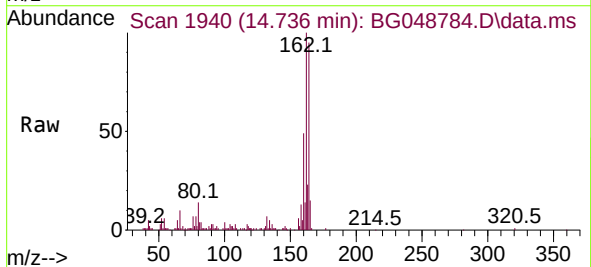
Instrument :
BNA_G
ClientSampled :
MW-12

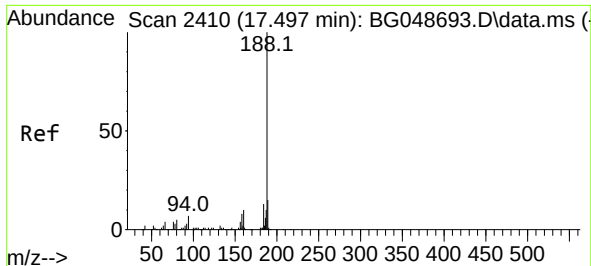
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:165 Resp: 8311
Ion Ratio Lower Upper
165 100
63 6.2 48.0 72.0#
89 8.0 65.4 98.0#
182 0.0 2.0 3.0#

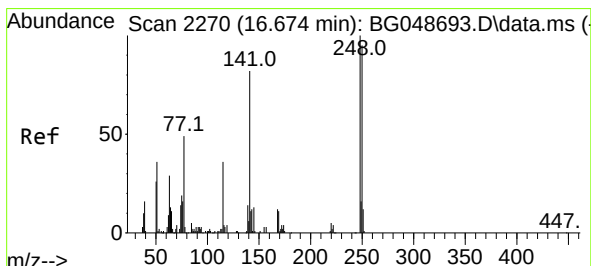
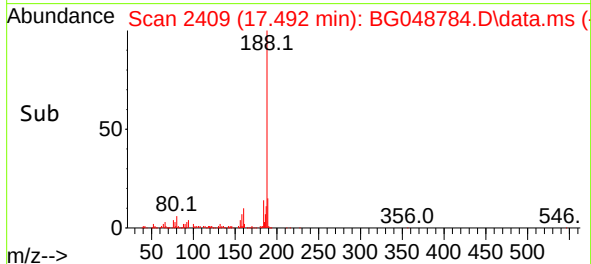
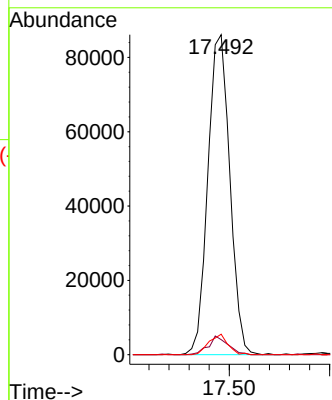
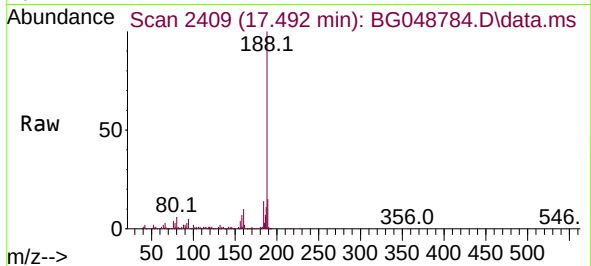




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

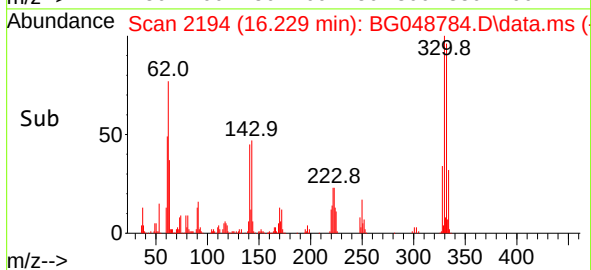
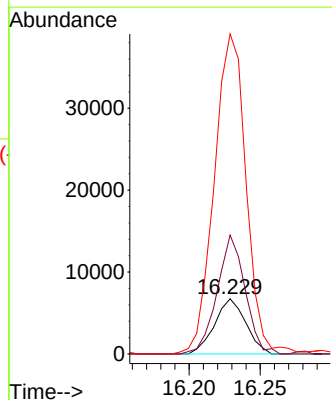
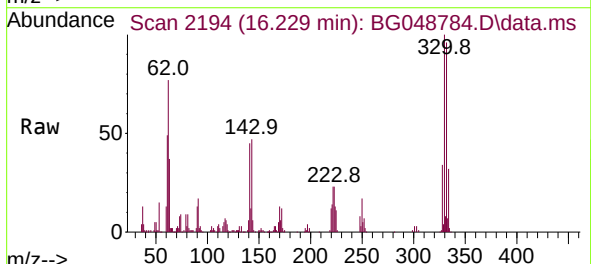
Instrument :
BNA_G
ClientSampled :
MW-12

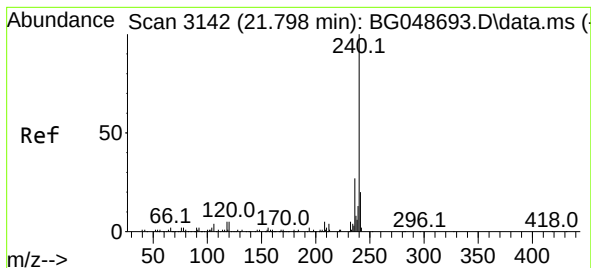
Tgt Ion:188 Resp: 131051
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 6.81 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.447 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:248 Resp: 10274
Ion Ratio Lower Upper
248 100
250 275.4 76.1 114.1#
141 579.3 65.4 98.2#

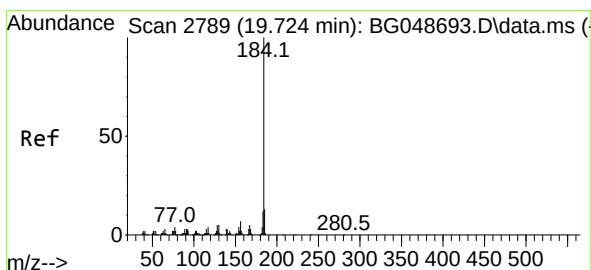
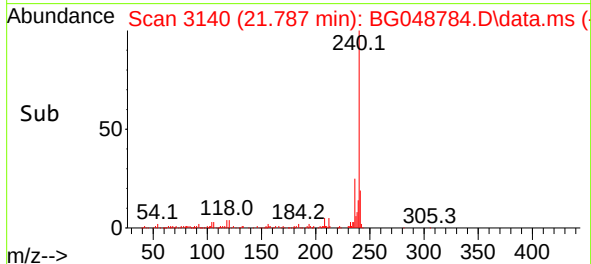
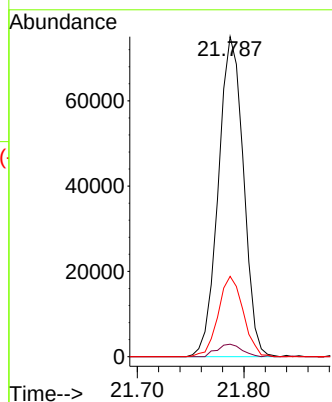
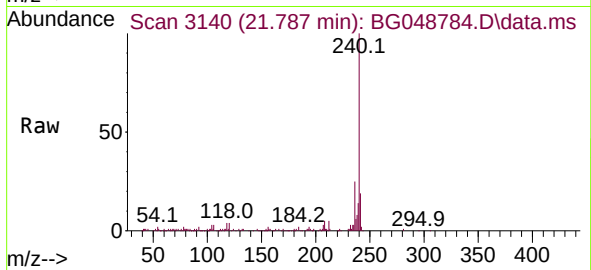




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

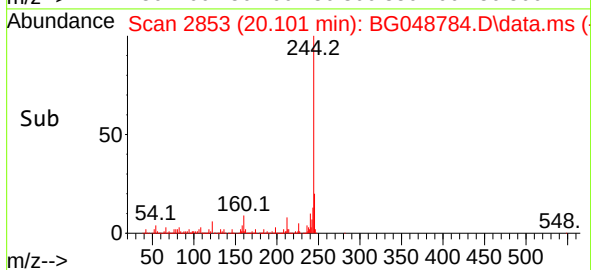
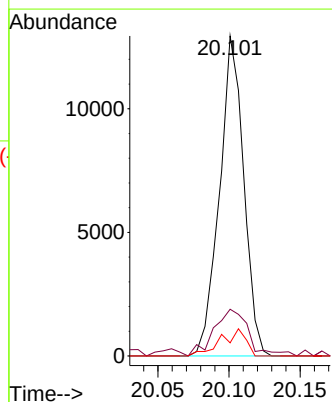
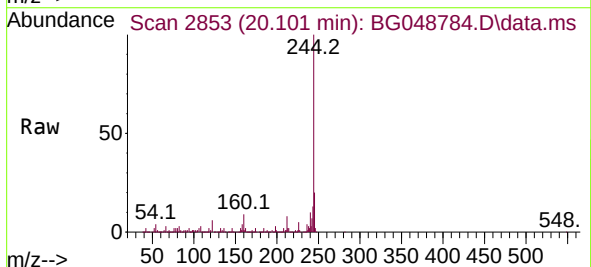
Instrument :
BNA_G
ClientSampled :
MW-12

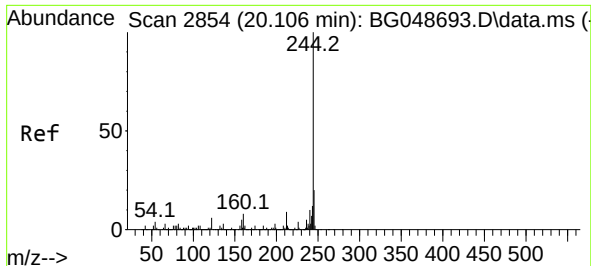
Tgt Ion:240 Resp: 122577
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 25.1 21.8 32.6



#77
Benzidine
Concen: 4.61 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048784.D
Acq: 20 Apr 2021 5:04

Tgt Ion:184 Resp: 15357
Ion Ratio Lower Upper
184 100
185 14.6 10.7 16.1
183 4.1 9.4 14.0#

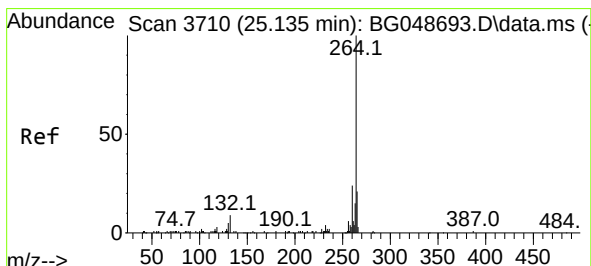
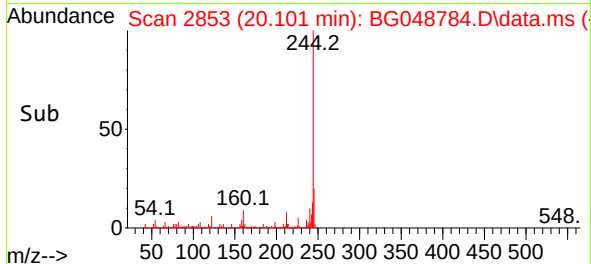
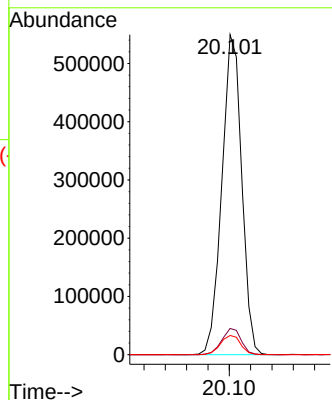
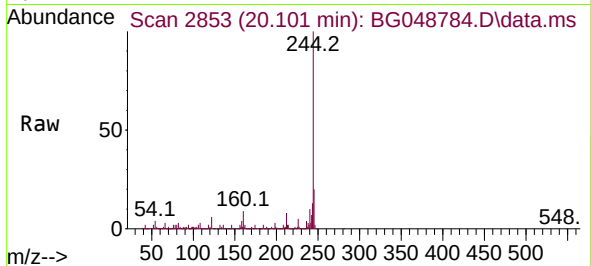




#79
 Terphenyl-d14
 Concen: 99.28 ng
 RT: 20.101 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BG048784.D
 Acq: 20 Apr 2021 5:04

Instrument :
 BNA_G
 ClientSampled :
 MW-12

Tgt Ion:244	Resp:	707044
Ion Ratio	Lower	Upper
244	100	
212	8.2	6.9 10.3
122	6.0	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.012 min
 Lab File: BG048784.D
 Acq: 20 Apr 2021 5:04

Tgt Ion:264	Resp:	123449
Ion Ratio	Lower	Upper
264	100	
260	24.9	19.4 29.2
265	21.8	16.9 25.3

