

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048854.D
 Acq On : 22 Apr 2021 19:44
 Operator : CG/JU
 Sample : M2036-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-1

Quant Time: Apr 23 01:21:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

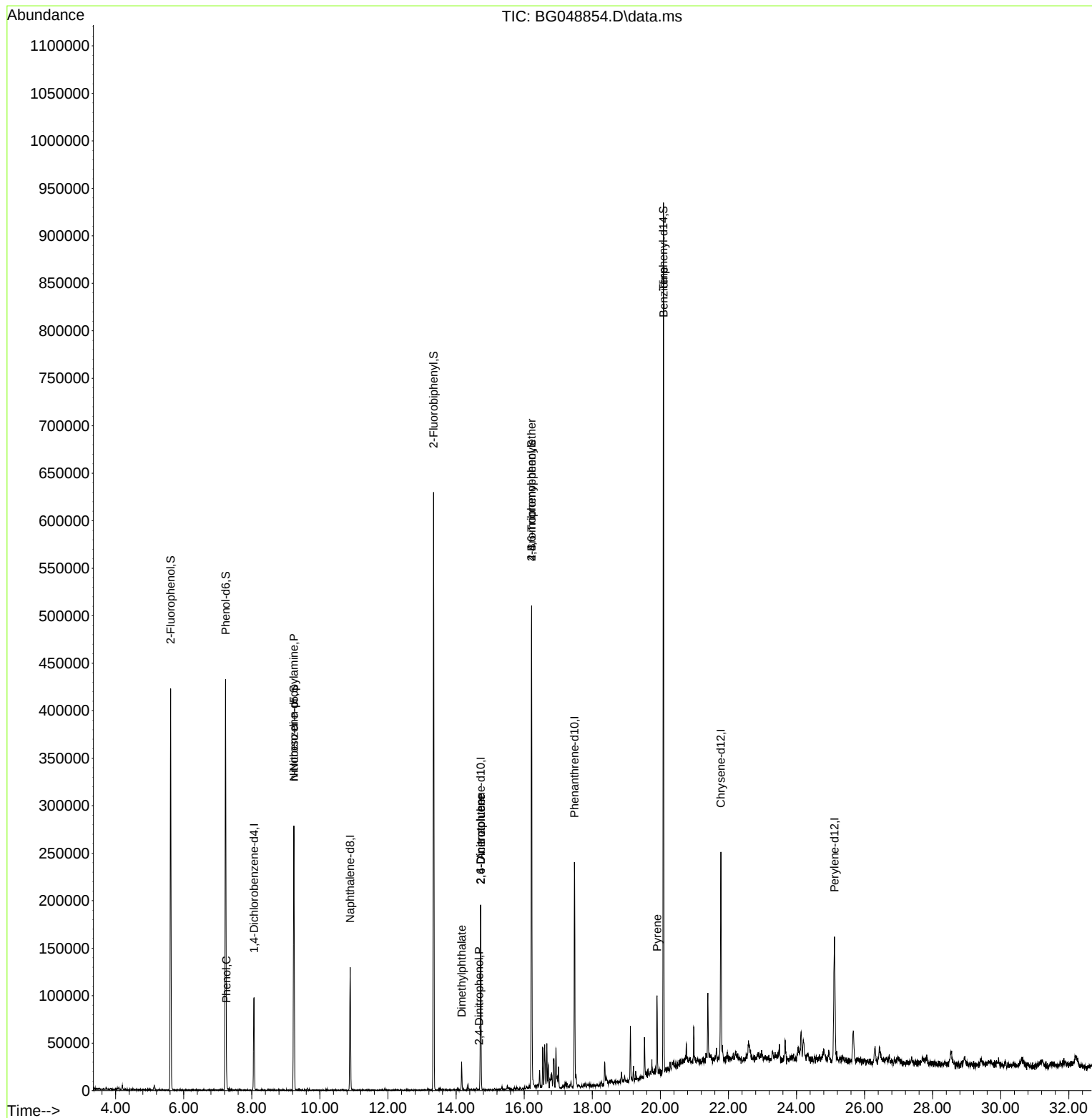
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	24784	20.00	ng	0.00
21) Naphthalene-d8	10.891	136	104236	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	67259	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	144924	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	124991	20.00	ng	0.00
86) Perylene-d12	25.115	264	127315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.615	112	164572	111.06	ng	0.00
7) Phenol-d6	7.230	99	207830	99.15	ng	0.00
23) Nitrobenzene-d5	9.234	82	158681	68.15	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	80358	89.11	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	303666	65.20	ng	0.00
79) Terphenyl-d14	20.092	244	399906	55.07	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.254	94	6053	2.94	ng	92
19) n-Nitroso-di-n-propyla...	9.234	70	25357	17.93	ng	# 76
50) Dimethylphthalate	14.164	163	14146	2.80	ng	# 95
51) 2,6-Dinitrotoluene	14.728	165	8448	7.26	ng	# 14
54) 2,4-Dinitrophenol	14.675	184	68	5.37	ng	# 8
57) 2,4-Dinitrotoluene	14.728	165	8448	5.00	ng	# 19
67) 4-Bromophenyl-phenylether	16.220	248	6814	4.09	ng	# 1
77) Benzidine	20.098	184	8057	2.37	ng	# 91
78) Pyrene	19.904	202	17911	2.07	ng	97

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

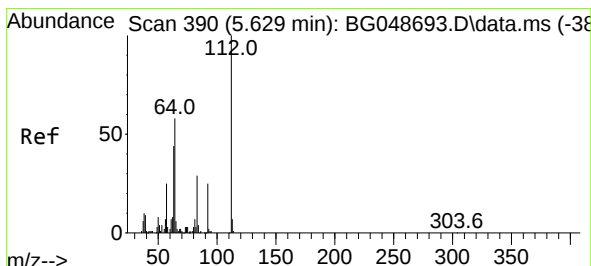
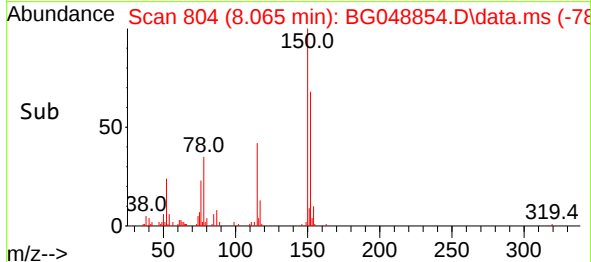
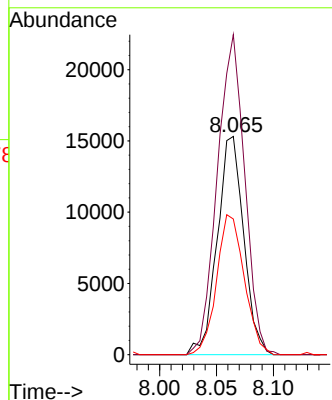
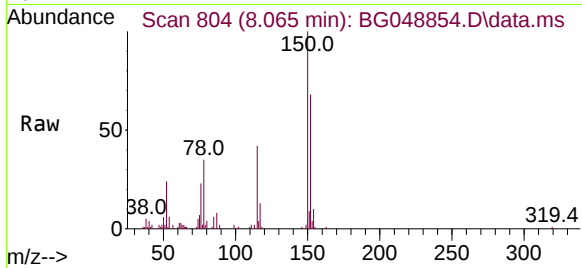




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.065 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

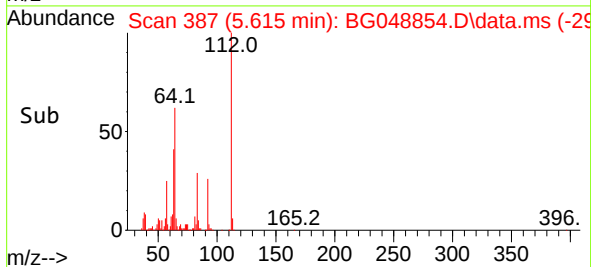
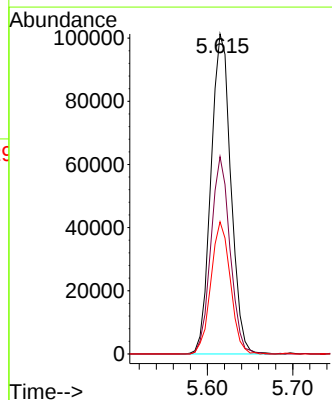
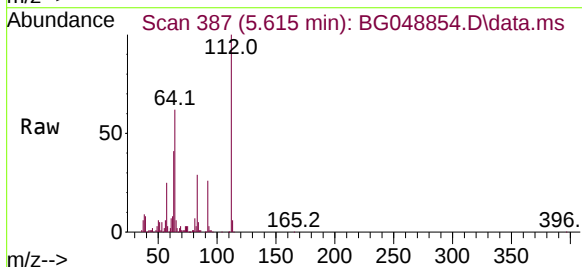
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

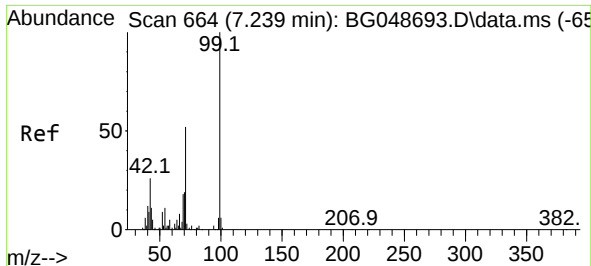
Tgt Ion:152 Resp: 24784
Ion Ratio Lower Upper
152 100
150 146.6 119.4 179.0
115 62.2 60.2 90.4



#5
2-Fluorophenol
Concen: 111.06 ng
RT: 5.615 min Scan# 387
Delta R.T. 0.009 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:112 Resp: 164572
Ion Ratio Lower Upper
112 100
64 61.7 46.7 70.1
63 41.3 35.3 52.9

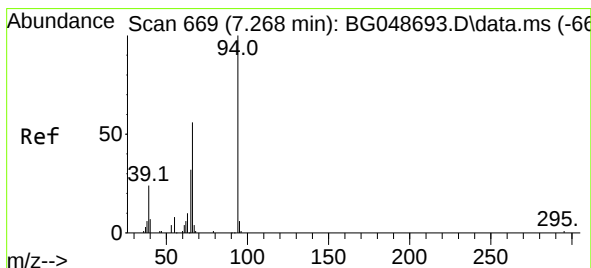
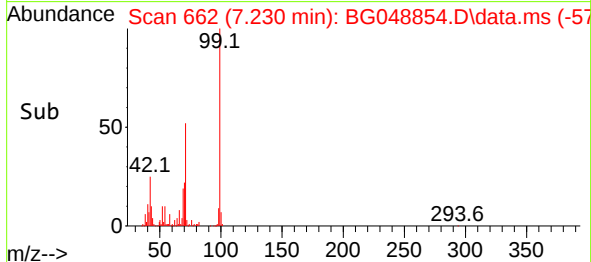
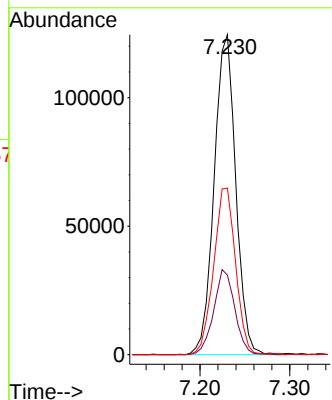
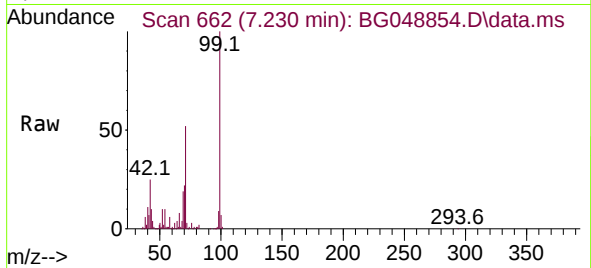




#7
Phenol-d6
Concen: 99.15 ng
RT: 7.230 min Scan# 662
Delta R.T. 0.009 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

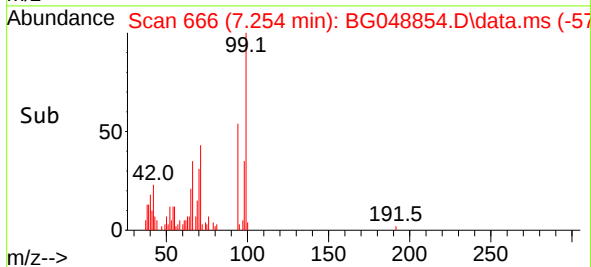
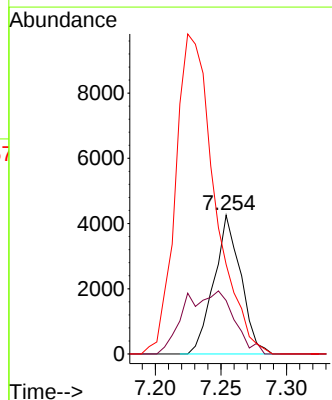
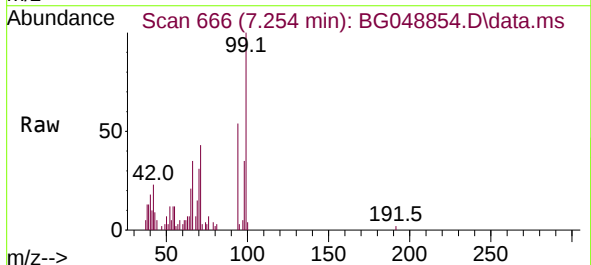
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

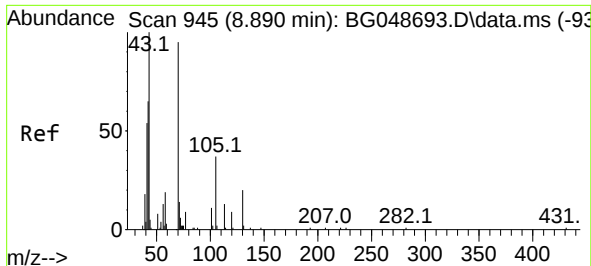
Tgt Ion: 99 Resp: 207830
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 52.0 41.5 62.3



#10
Phenol
Concen: 2.94 ng
RT: 7.254 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion: 94 Resp: 6053
Ion Ratio Lower Upper
94 100
65 38.6 12.9 52.9
66 64.6 39.4 79.4

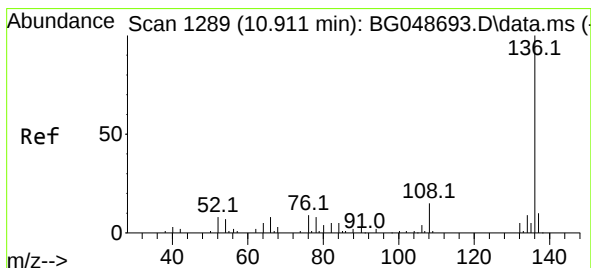
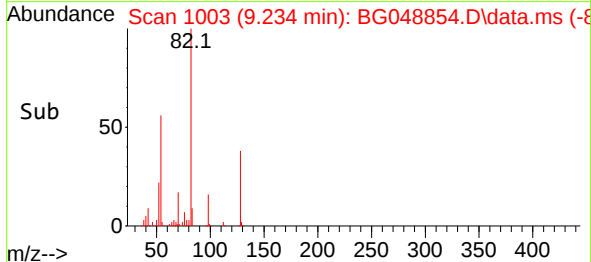
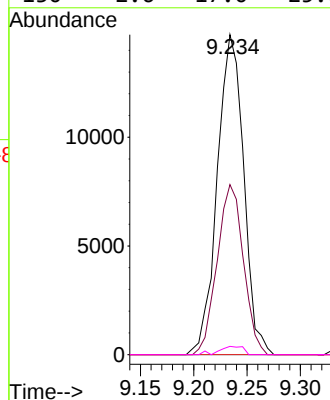
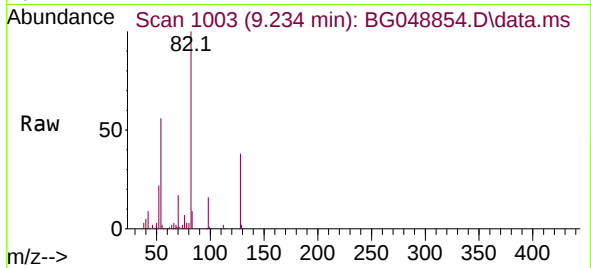




#19
n-Nitroso-di-n-propylamine
Concen: 17.93 ng
RT: 9.234 min Scan# 1003
Delta R.T. 0.362 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

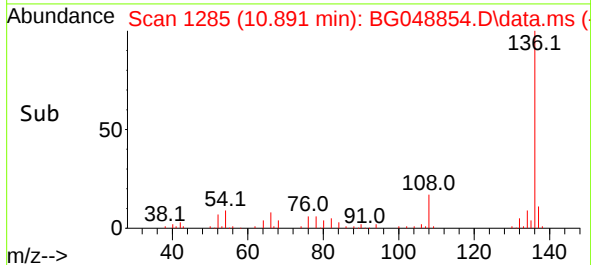
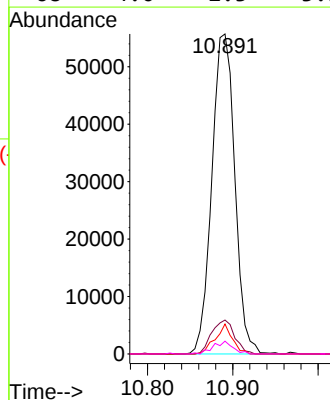
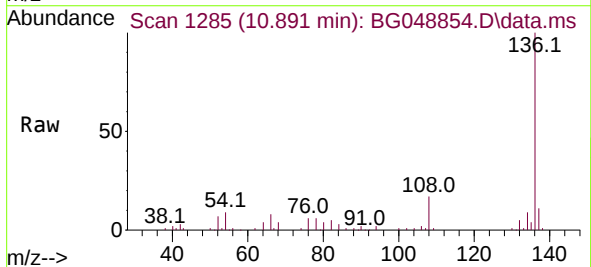
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

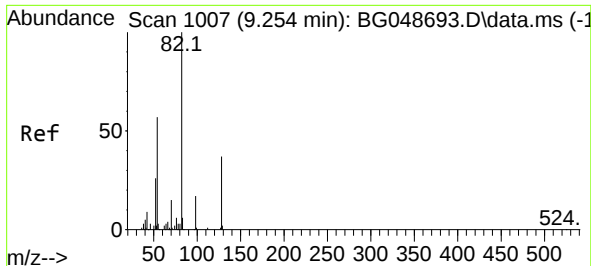
Tgt Ion: 70	Resp: 25357
Ion Ratio	Lower Upper
70 100	
42 53.2	54.5 81.7#
101 0.0	9.0 13.6#
130 2.6	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.891 min Scan# 1285
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion: 136	Resp: 104236
Ion Ratio	Lower Upper
136 100	
137 10.6	8.2 12.2
54 9.3	5.5 8.3#
68 4.0	2.3 3.5#

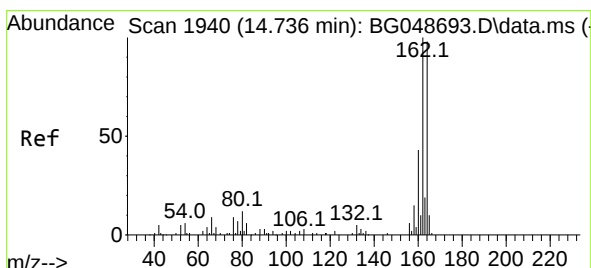
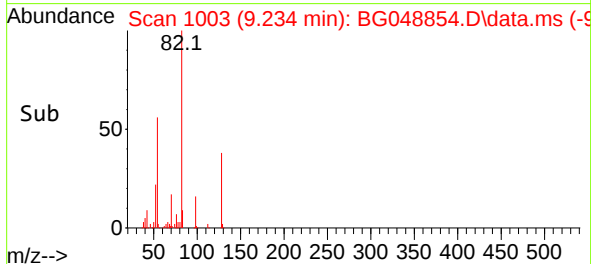
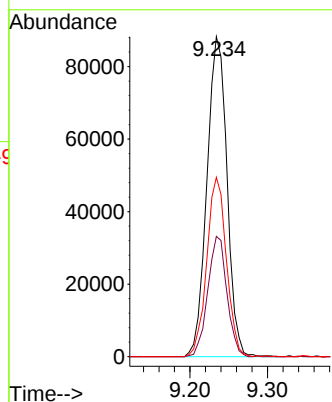
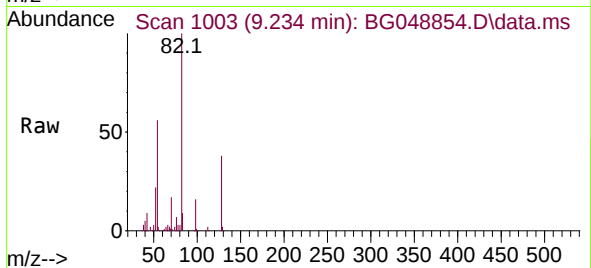




#23
Nitrobenzene-d5
Concen: 68.15 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

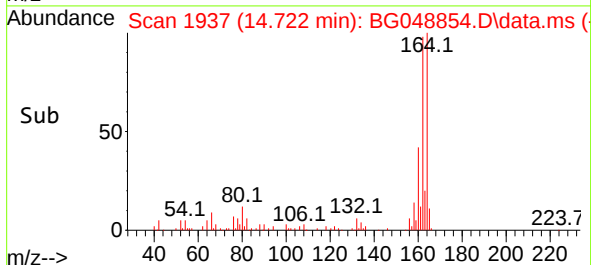
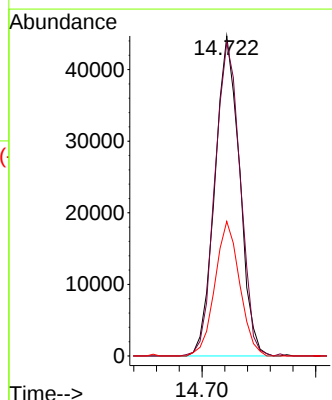
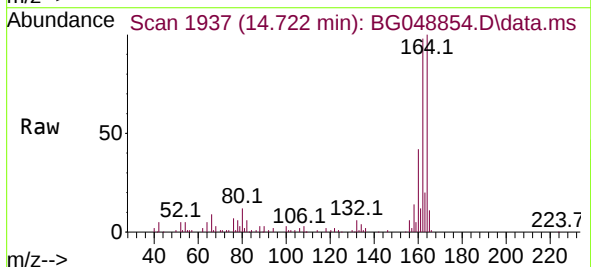
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

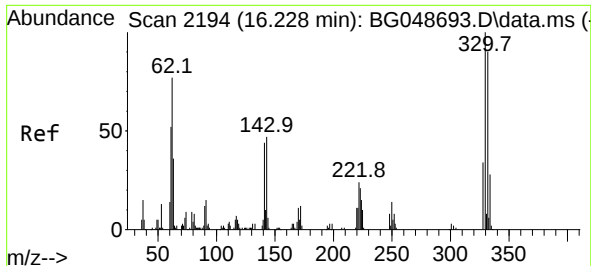
Tgt Ion: 82 Resp: 158681
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 56.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:164 Resp: 67259
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 42.1 34.9 52.3

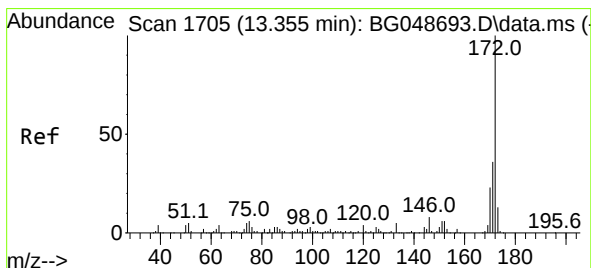
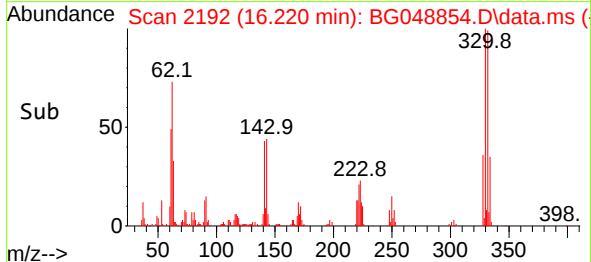
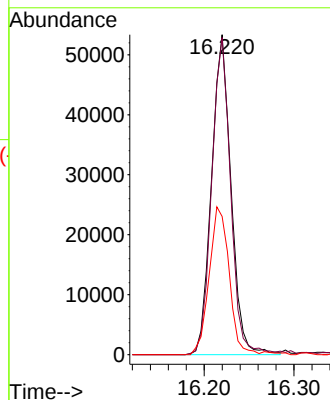
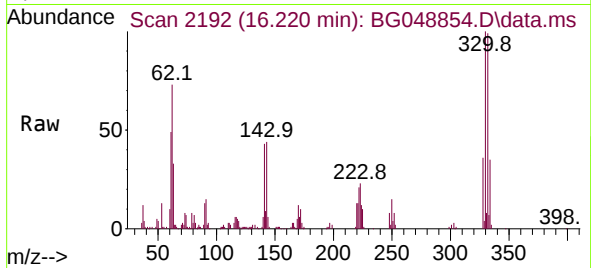




#42
2,4,6-Tribromophenol
Concen: 89.11 ng
RT: 16.220 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

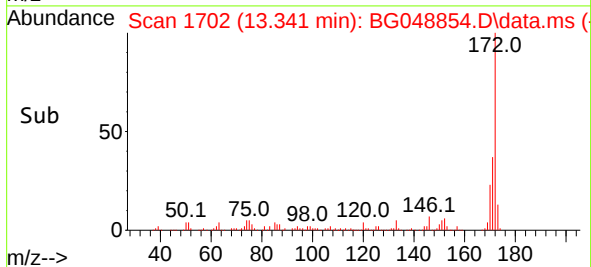
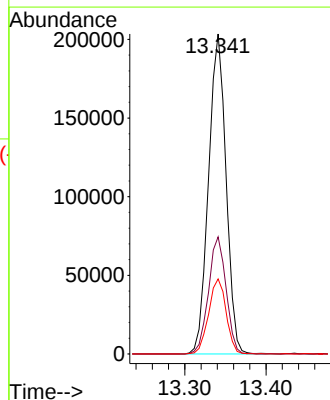
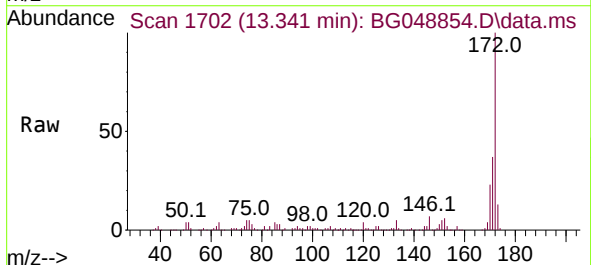
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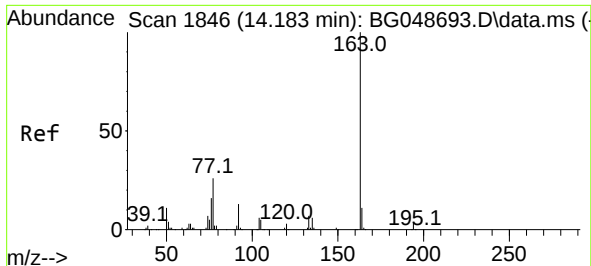
Tgt Ion:330 Resp: 80358
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 47.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 65.20 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:172 Resp: 303666
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 23.5 18.6 27.8

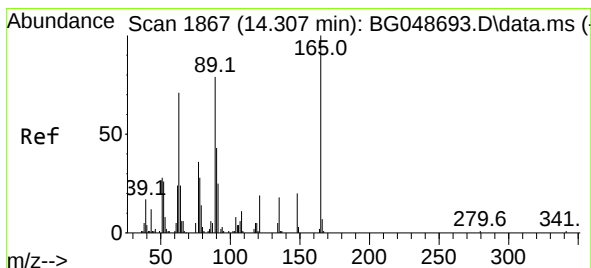
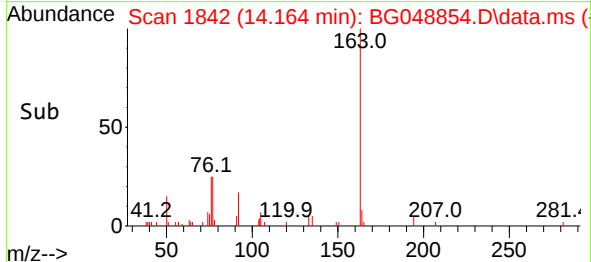
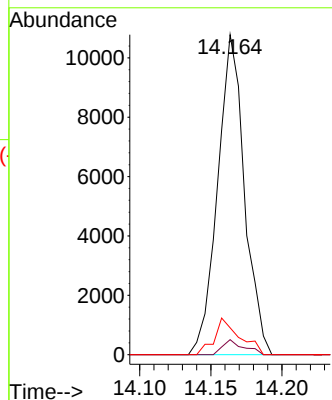
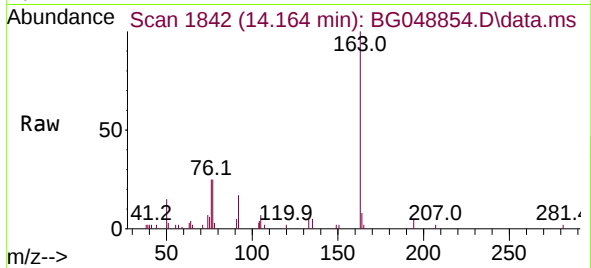




#50
Dimethylphthalate
Concen: 2.80 ng
RT: 14.164 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

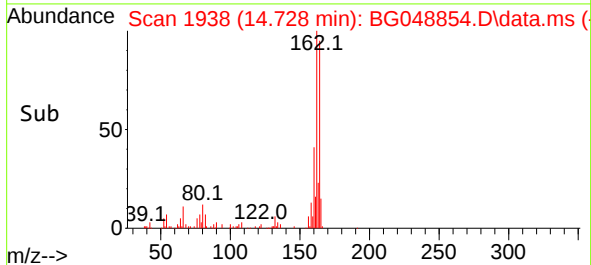
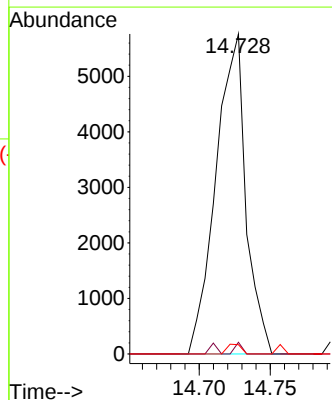
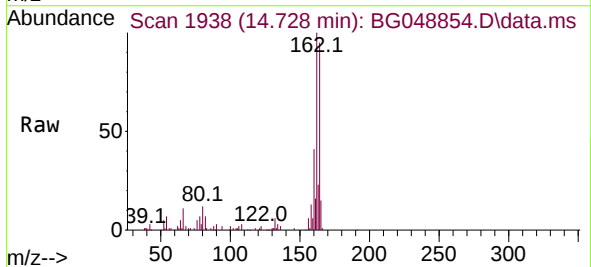
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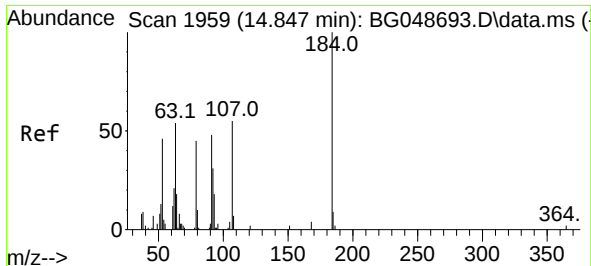
Tgt Ion:163 Resp: 14146
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 8.4 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.26 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.432 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:165 Resp: 8448
Ion Ratio Lower Upper
165 100
63 3.7 63.3 94.9#
89 2.9 63.4 95.0#

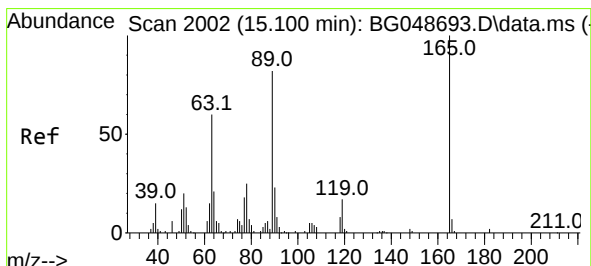
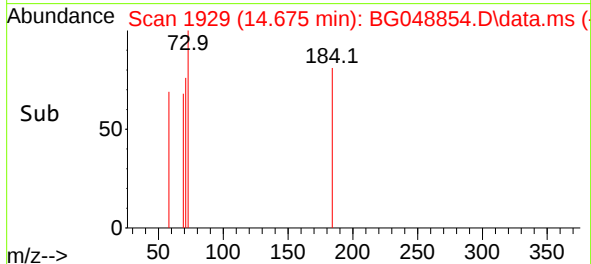
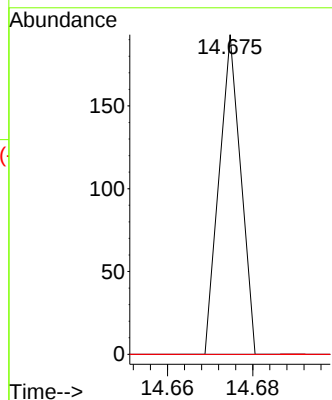
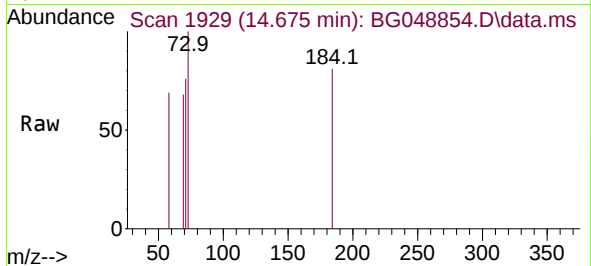




#54
2,4-Dinitrophenol
Concen: 5.37 ng
RT: 14.675 min Scan# 1929
Delta R.T. -0.161 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

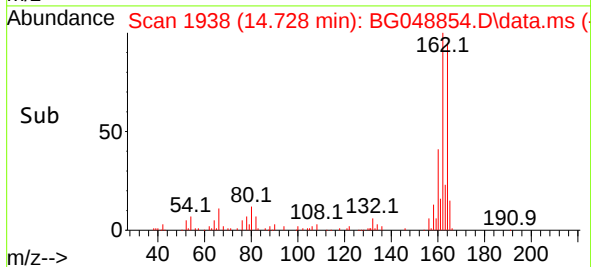
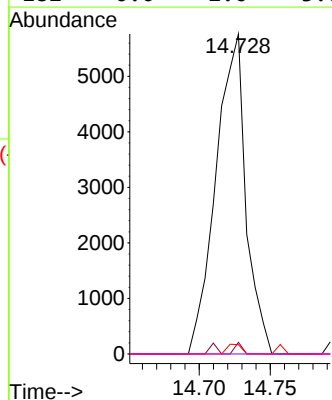
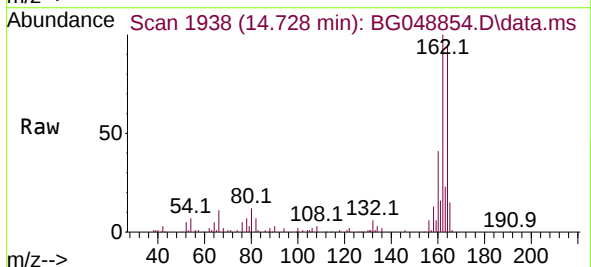
Instrument :
BNA_G
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RT-80-W-ROCKAWAY-A-1

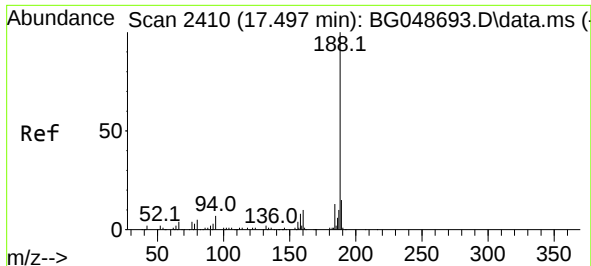
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:165 Resp: 8448
Ion Ratio Lower Upper
165 100
63 3.7 48.0 72.0#
89 2.9 65.4 98.0#
182 0.0 2.0 3.0#

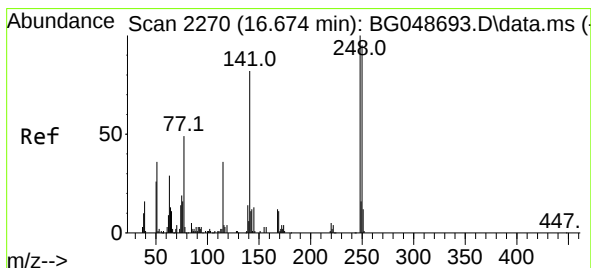
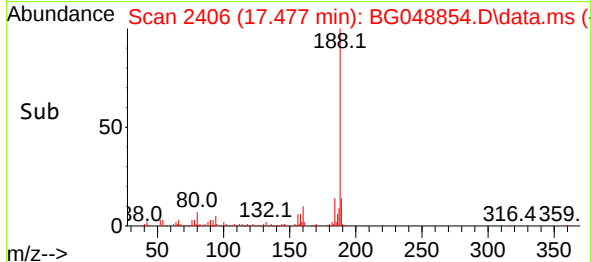
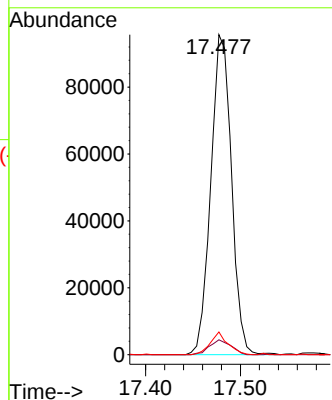
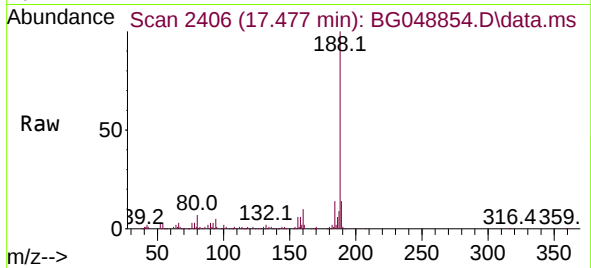




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

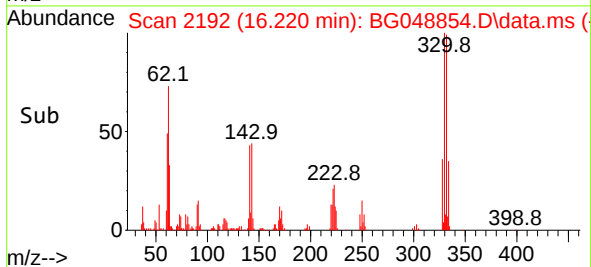
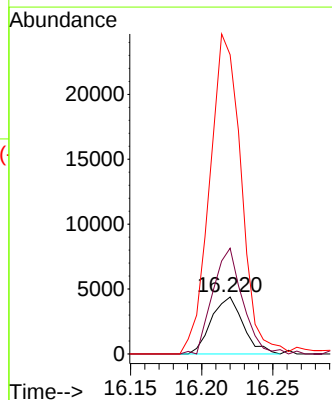
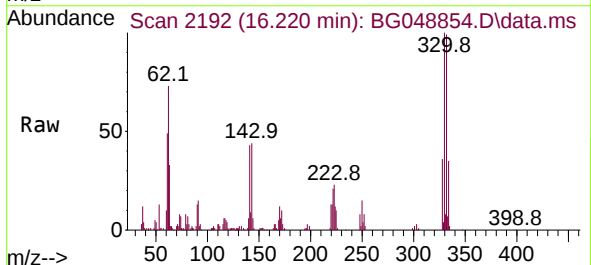
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

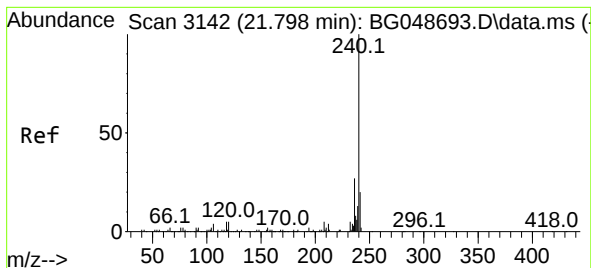
Tgt Ion:188 Resp: 144924
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 7.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 16.220 min Scan# 2192
Delta R.T. -0.443 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:248 Resp: 6814
Ion Ratio Lower Upper
248 100
250 185.9 76.1 114.1#
141 525.7 65.4 98.2#

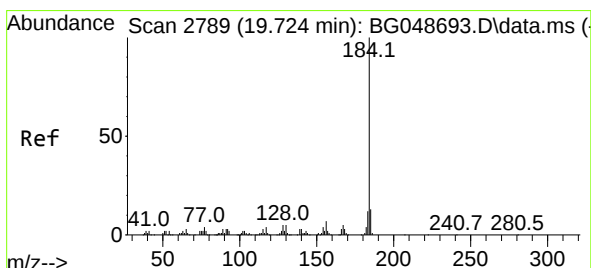
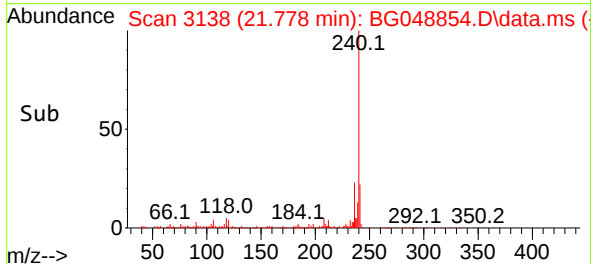
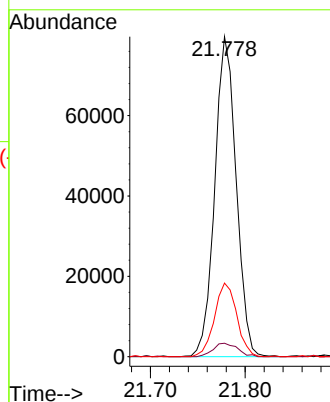
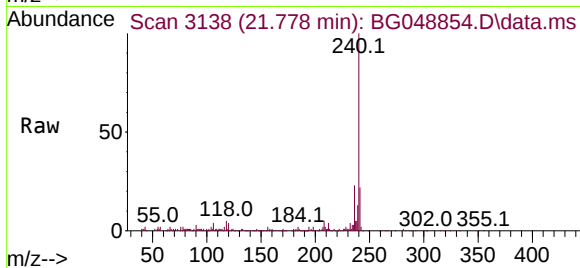




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

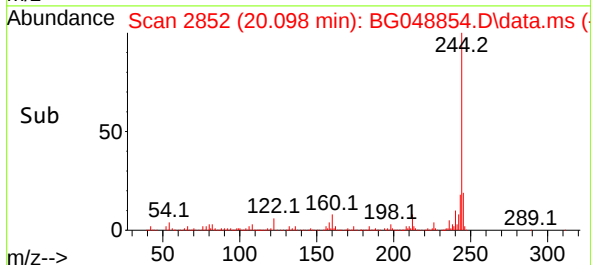
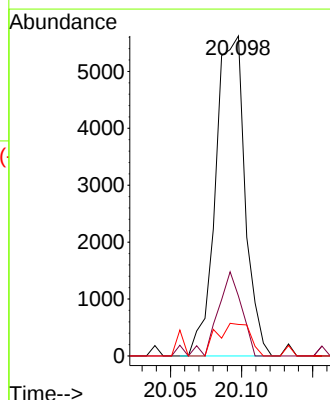
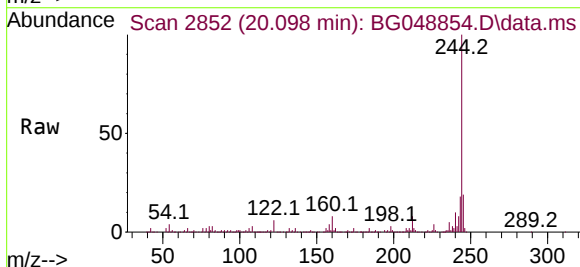
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

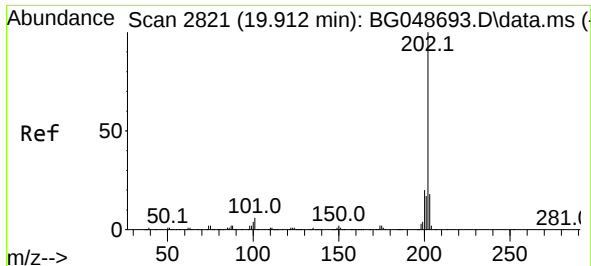
Tgt Ion:240 Resp: 124991
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 23.0 21.8 32.6



#77
Benzidine
Concen: 2.37 ng
RT: 20.098 min Scan# 2852
Delta R.T. 0.385 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

Tgt Ion:184 Resp: 8057
Ion Ratio Lower Upper
184 100
185 18.7 10.7 16.1#
183 9.9 9.4 14.0

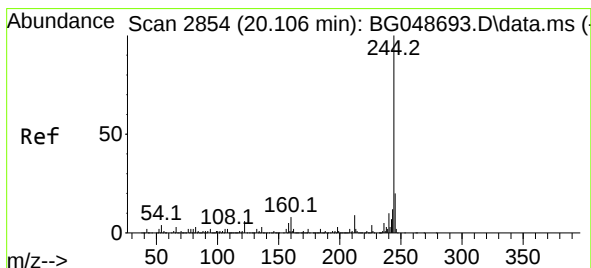
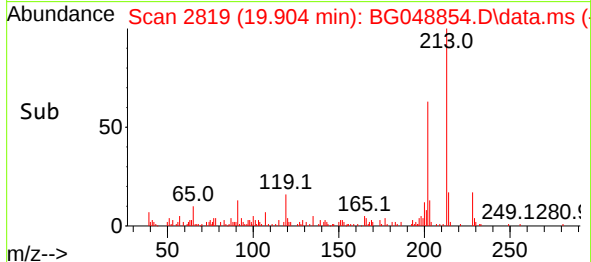
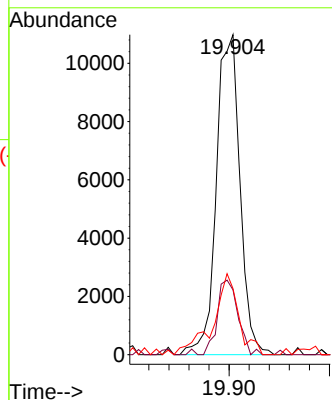
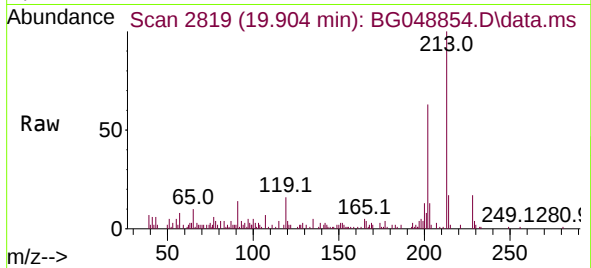




#78
Pyrene
Concen: 2.07 ng
RT: 19.904 min Scan# 2819
Delta R.T. 0.004 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

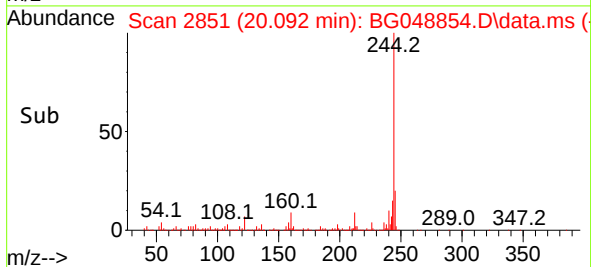
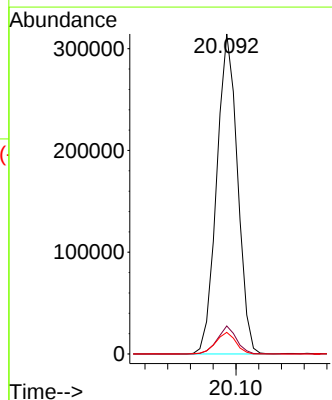
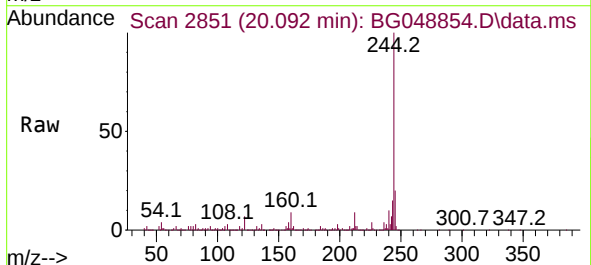
Instrument :
BNA_G
ClientSampleId :
RT-80-W-ROCKAWAY-A-1

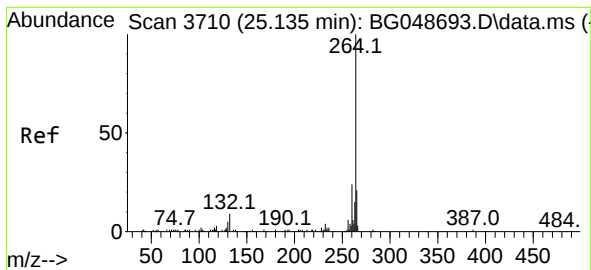
Tgt Ion:	202	Resp:	17911
Ion Ratio	Lower	Upper	
202	100		
200	20.3	15.8	23.8
203	20.6	14.6	21.8



#79
Terphenyl-d14
Concen: 55.07 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048854.D
Acq: 22 Apr 2021 19:44

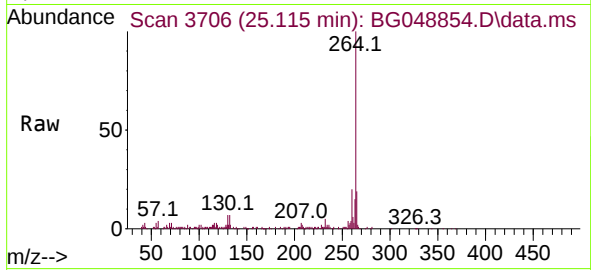
Tgt Ion:	244	Resp:	399906
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.9	10.3
122	6.8	5.0	7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.115 min Scan# 3706
 Delta R.T. 0.004 min
 Lab File: BG048854.D
 Acq: 22 Apr 2021 19:44

Instrument :
 BNA_G
 ClientSampleId :
 RT-80-W-ROCKAWAY-A-1



Tgt Ion:	264	Resp:	127315
Ion Ratio	Lower	Upper	
264	100		
260	19.9	19.4	29.2
265	19.0	16.9	25.3

