

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048607.D
 Acq On : 6 Apr 2021 17:05
 Operator : CG/JU
 Sample : M1927-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Quant Time: Apr 06 18:41:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

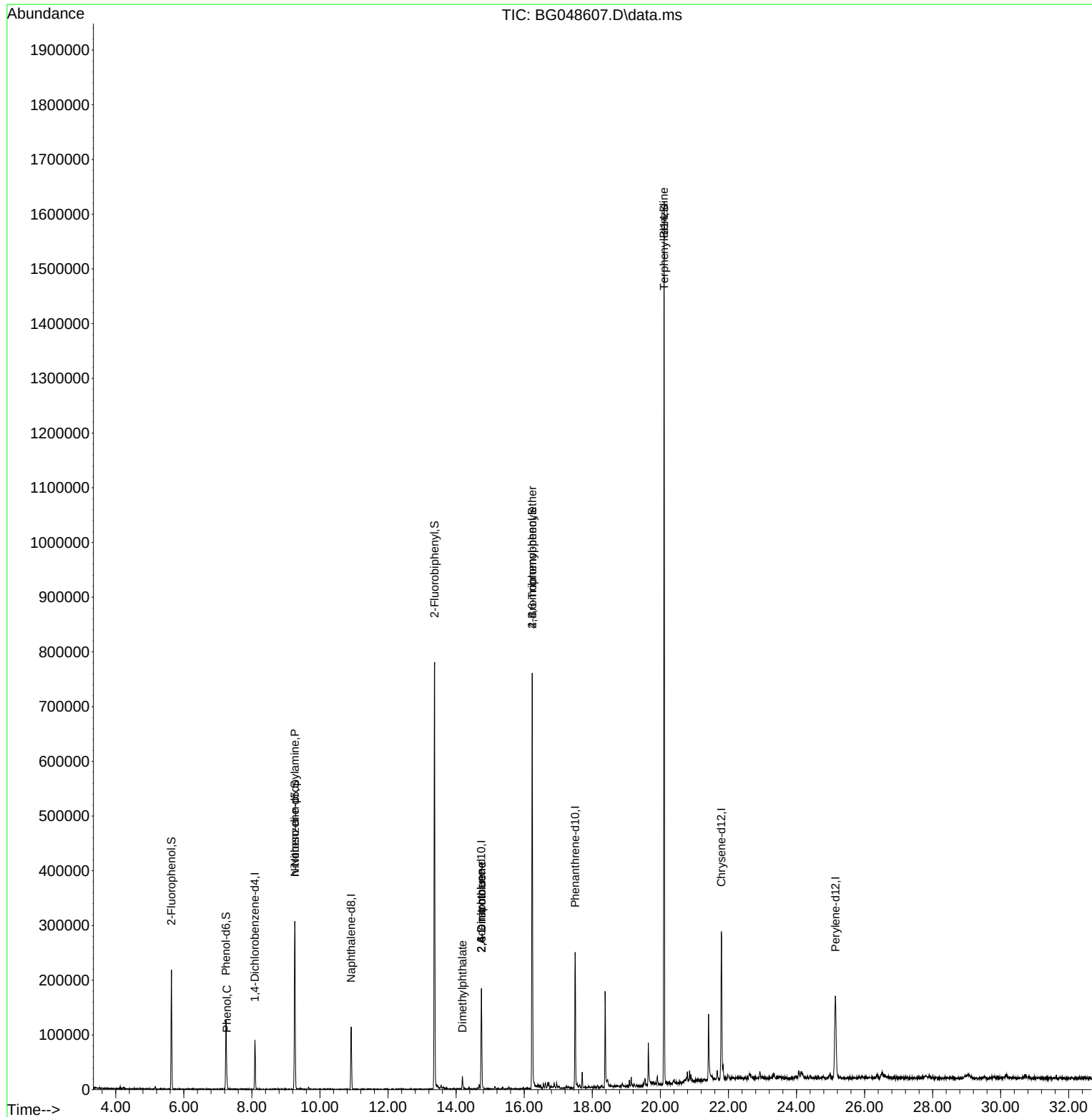
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	22558	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	92198	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	66521	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	162653	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	177670	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	176034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	85764	67.12	ng	0.00
7) Phenol-d6	7.239	99	64898	35.02	ng	0.00
23) Nitrobenzene-d5	9.260	82	181122	95.11	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	136367	155.95	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	413654	92.43	ng	0.00
79) Terphenyl-d14	20.112	244	742376	76.41	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.269	94	6802	3.67	ng	87
19) n-Nitroso-di-n-propyla...	9.260	70	28177	22.06	ng	# 67
50) Dimethylphthalate	14.184	163	14486	2.93	ng	# 93
51) 2,6-Dinitrotoluene	14.748	165	8845	7.83	ng	# 17
57) 2,4-Dinitrotoluene	14.748	165	8845	5.54	ng	# 22
67) 4-Bromophenyl-phenylether	16.235	248	9790	5.43	ng	# 1
77) Benzidine	20.107	184	14090	2.34	ng	# 89

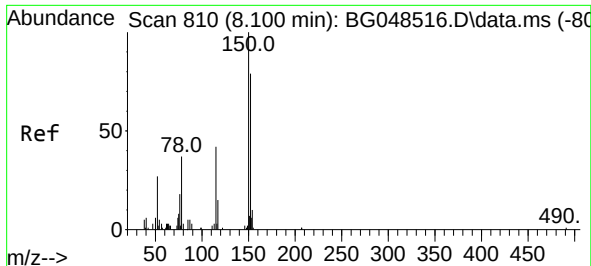
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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BNA_G
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Quant Time: Apr 06 18:41:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

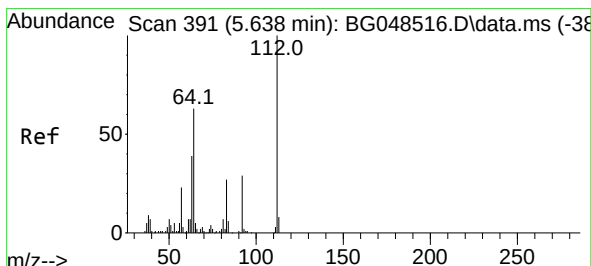
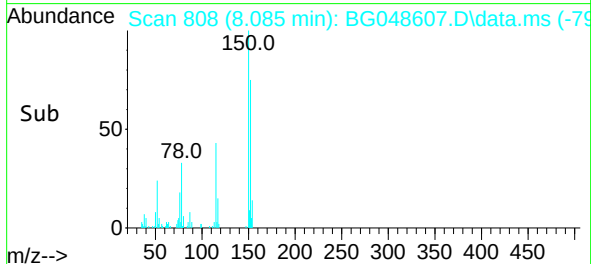
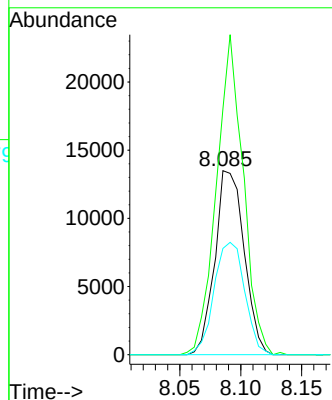
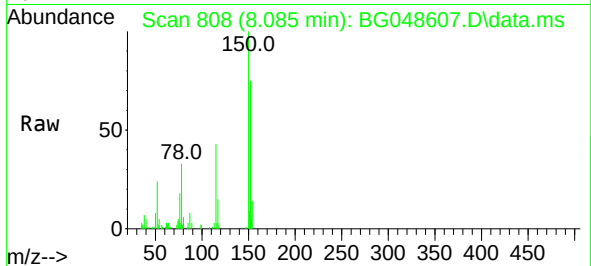




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.009 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

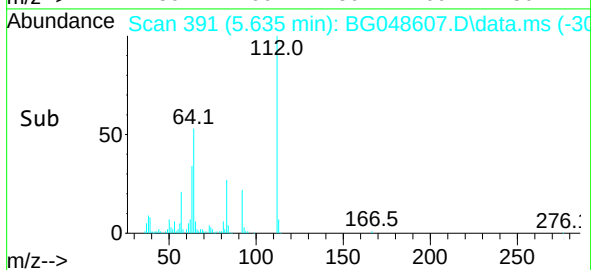
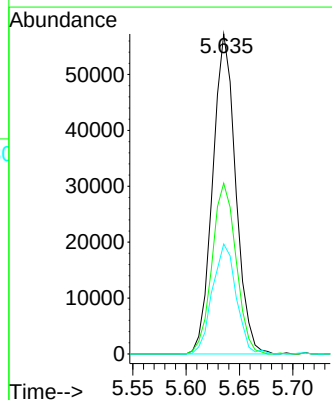
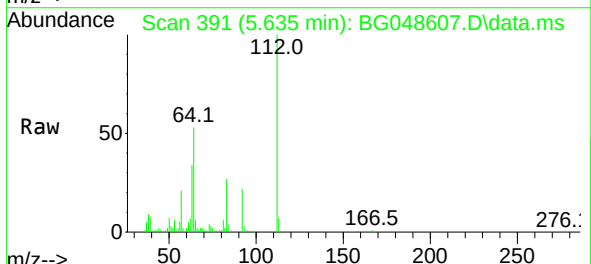
Instrument :
BNA_G
ClientSampleId :
TW-6

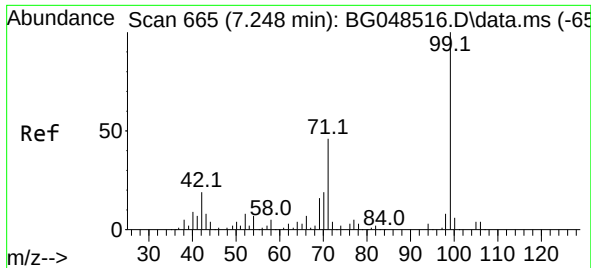
Tgt Ion:152 Resp: 22558
Ion Ratio Lower Upper
152 100
150 133.6 101.3 151.9
115 57.7 42.3 63.5



#5
2-Fluorophenol
Concen: 67.12 ng
RT: 5.635 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Tgt Ion:112 Resp: 85764
Ion Ratio Lower Upper
112 100
64 53.3 50.4 75.6
63 34.4 31.4 47.2

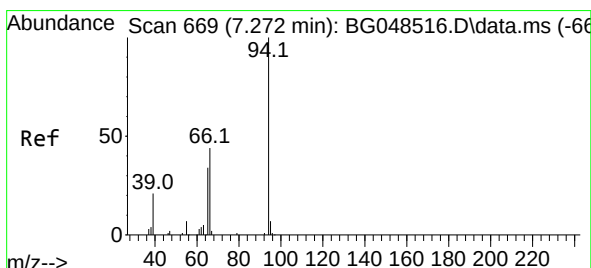
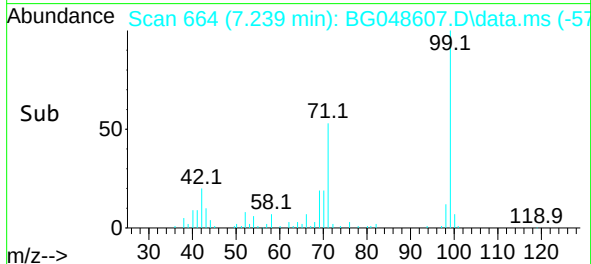
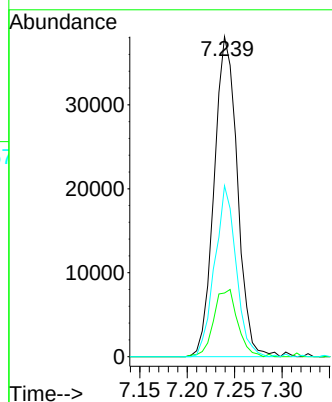
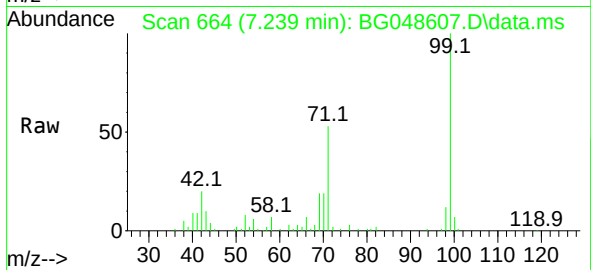




#7
Phenol-d6
Concen: 35.02 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

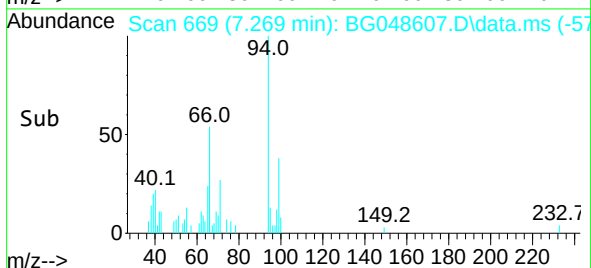
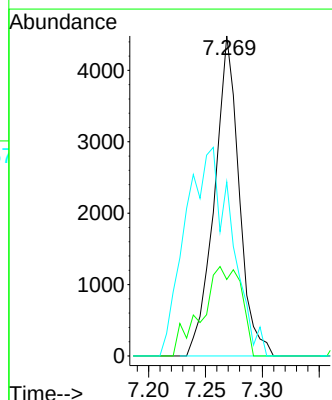
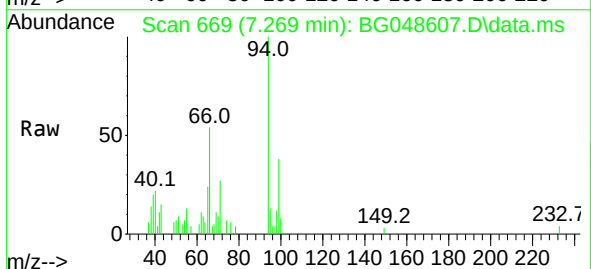
Instrument :
BNA_G
ClientSampleId :
TW-6

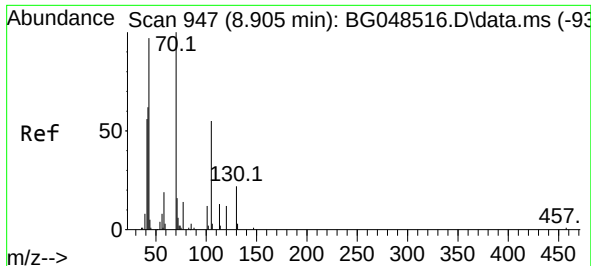
Tgt Ion: 99	Resp: 64898
Ion Ratio	Lower Upper
99 100	
42 19.9	15.5 23.3
71 53.4	36.6 54.8



#10
Phenol
Concen: 3.67 ng
RT: 7.269 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Tgt Ion: 94	Resp: 6802
Ion Ratio	Lower Upper
94 100	
65 23.9	15.1 55.1
66 54.4	28.9 68.9

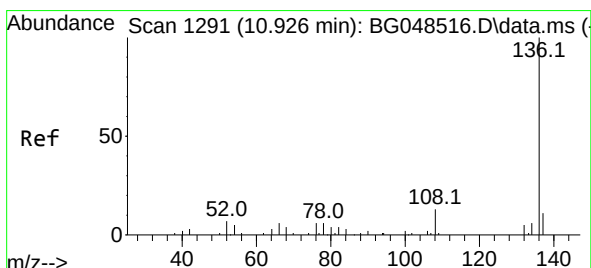
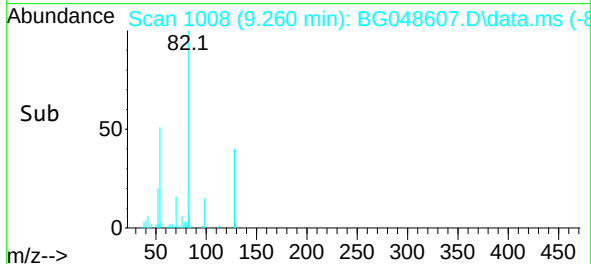
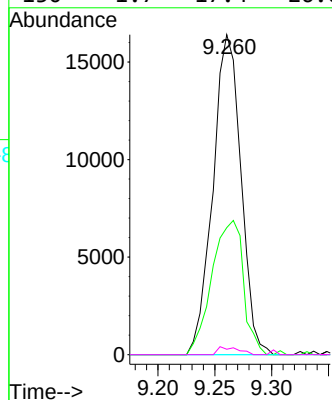
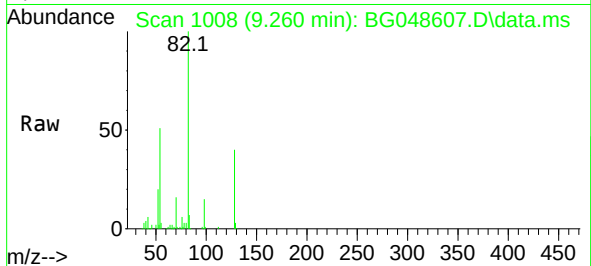




#19
n-Nitroso-di-n-propylamine
Concen: 22.06 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

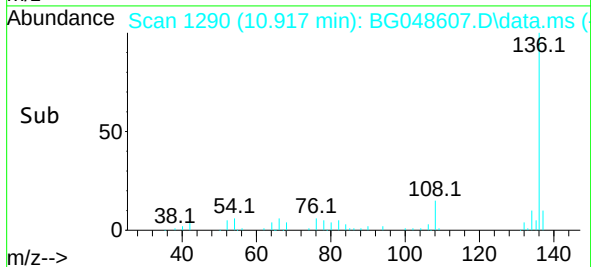
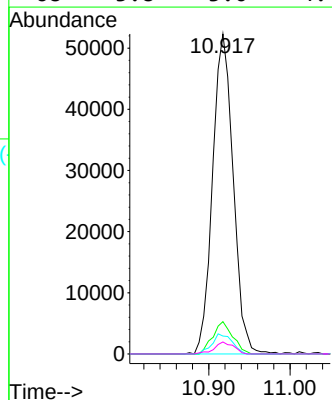
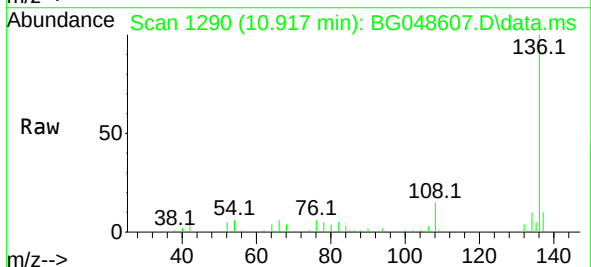
Instrument :
BNA_G
ClientSampled :
TW-6

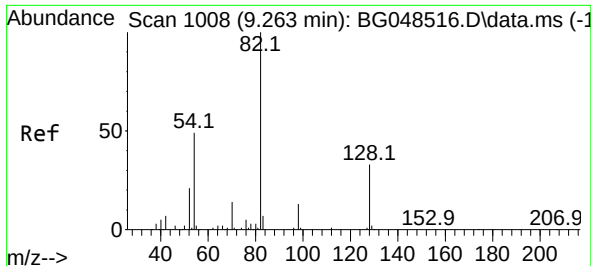
Tgt Ion: 70 Resp: 28177
Ion Ratio Lower Upper
70 100
42 39.7 50.8 76.2#
101 0.0 9.7 14.5#
130 1.7 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Tgt Ion: 136 Resp: 92198
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 5.6 4.2 6.4
68 3.8 3.0 4.4

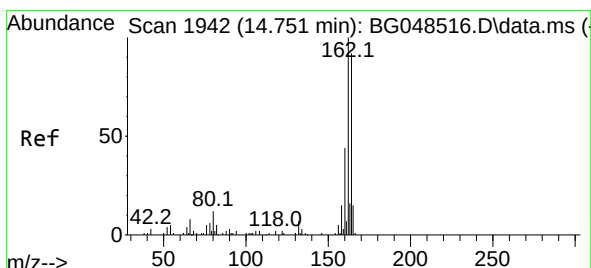
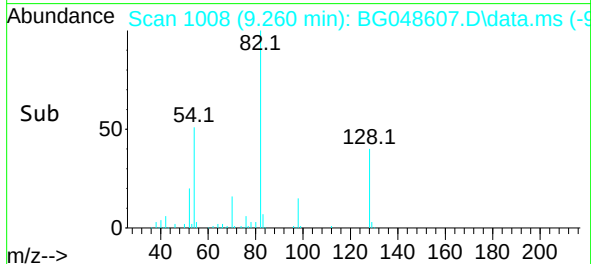
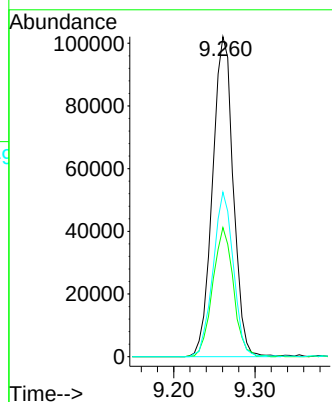
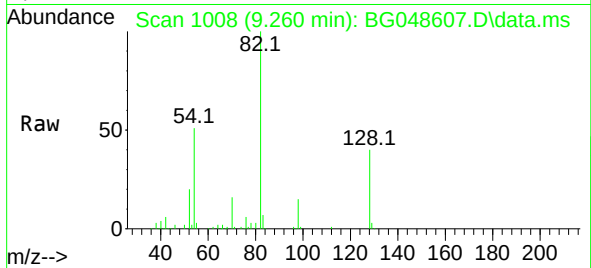




#23
Nitrobenzene-d5
Concen: 95.11 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

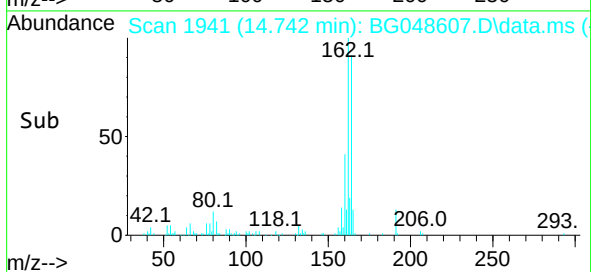
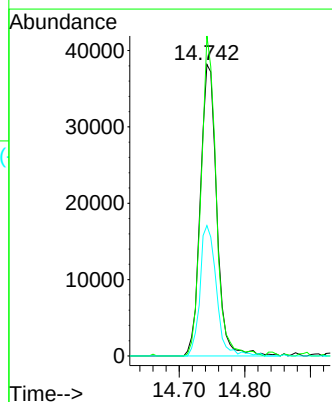
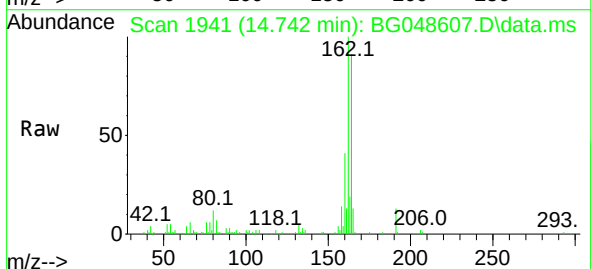
Instrument :
BNA_G
ClientSampled :
TW-6

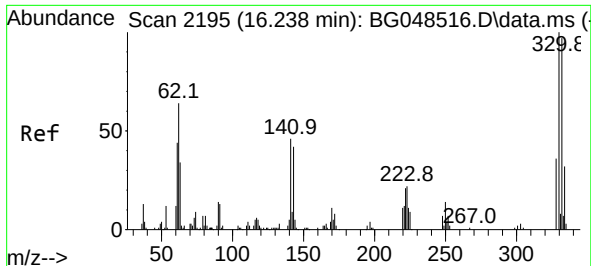
Tgt Ion: 82 Resp: 181122
Ion Ratio Lower Upper
82 100
128 40.4 26.2 39.4#
54 51.4 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

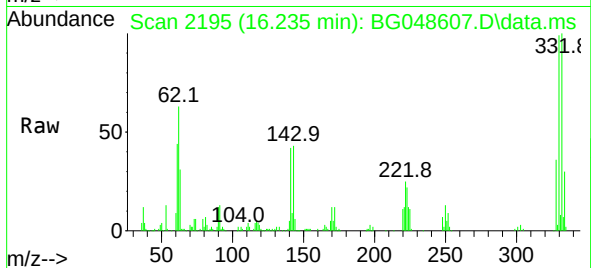
Tgt Ion:164 Resp: 66521
Ion Ratio Lower Upper
164 100
162 109.8 87.0 130.6
160 44.8 38.4 57.6



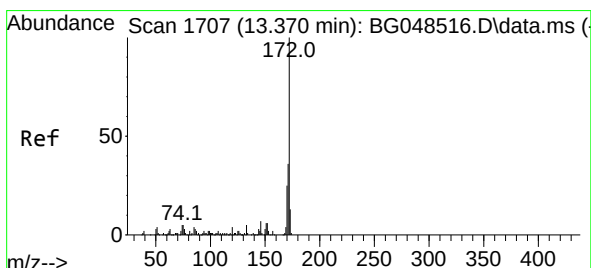
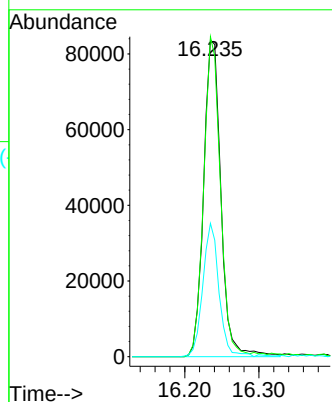
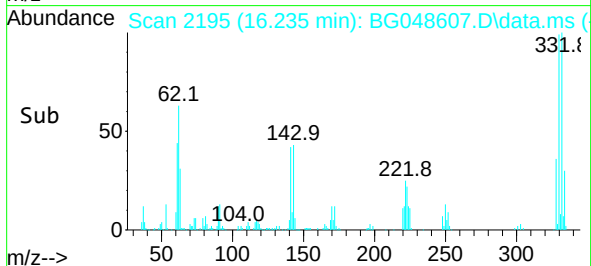


#42
2,4,6-Tribromophenol
Concen: 155.95 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

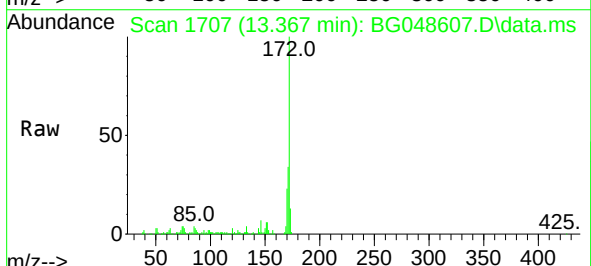
Instrument :
BNA_G
ClientSampleId :
TW-6



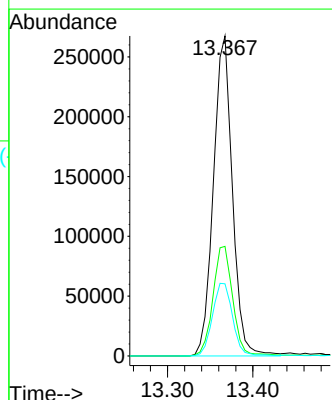
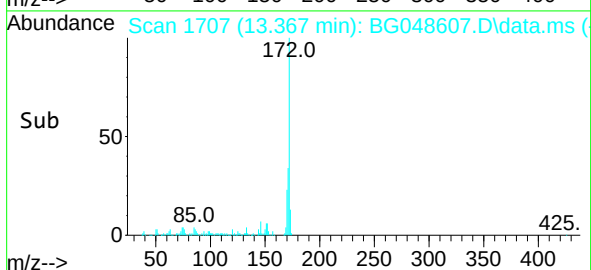
Tgt Ion:330 Resp: 136367
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 39.1 34.6 52.0

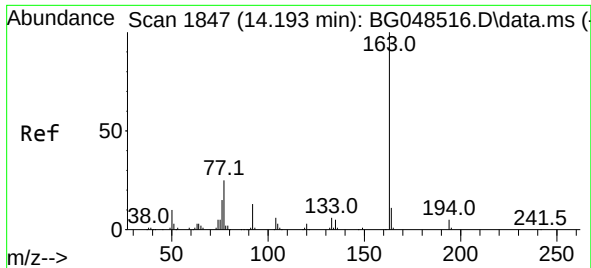


#45
2-Fluorobiphenyl
Concen: 92.43 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.002 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05



Tgt Ion:172 Resp: 413654
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.6 19.8 29.6

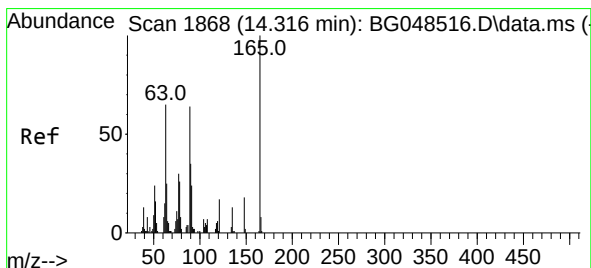
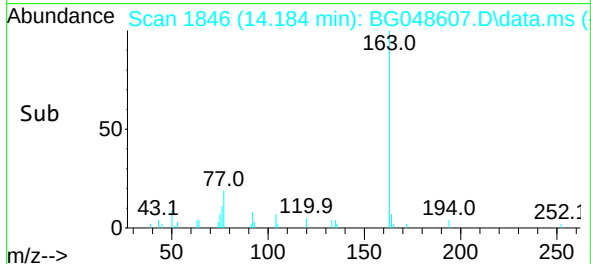
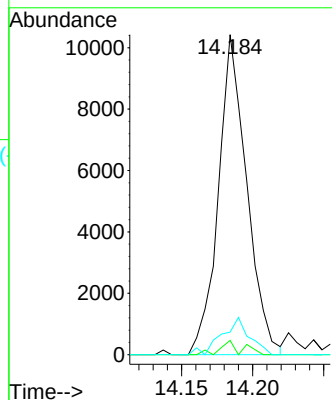
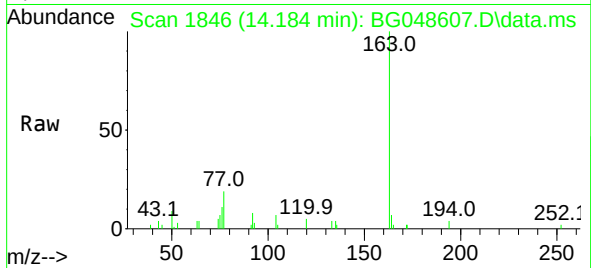




#50
Dimethylphthalate
Concen: 2.93 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.014 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

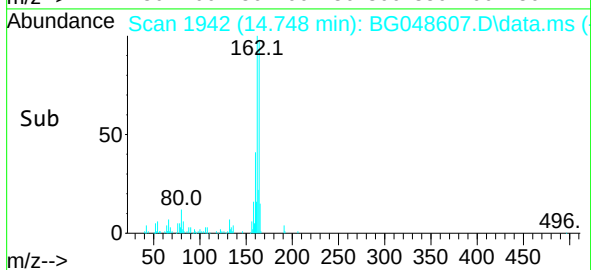
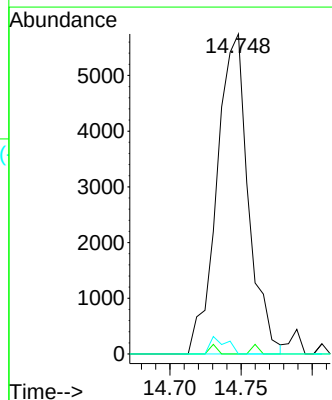
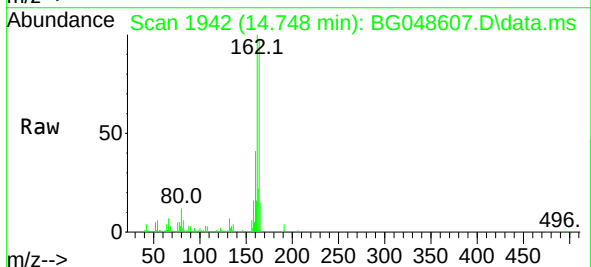
Instrument :
BNA_G
ClientSampled :
TW-6

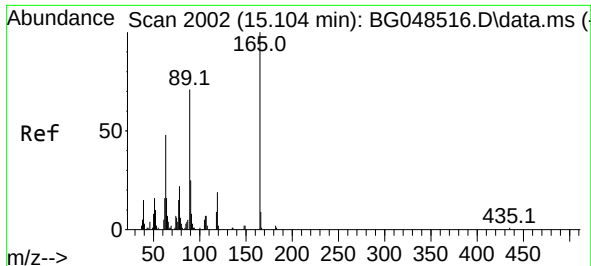
Tgt Ion:163 Resp: 14486
Ion Ratio Lower Upper
163 100
194 4.5 4.1 6.1
164 7.0 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Tgt Ion:165 Resp: 8845
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#

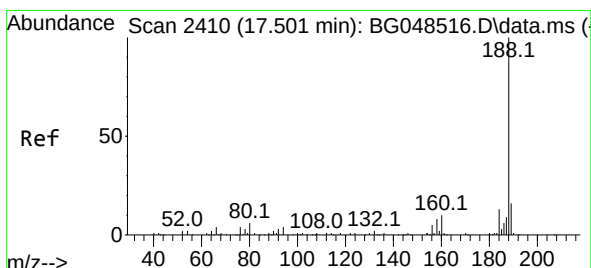
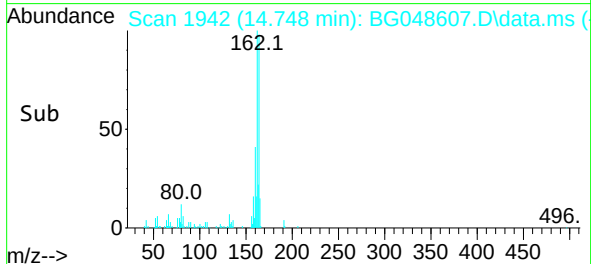
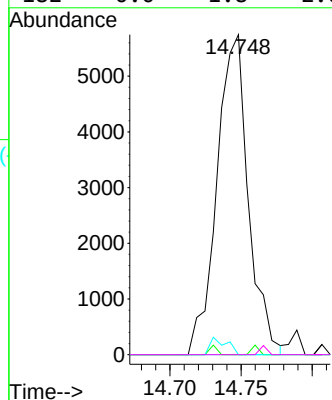
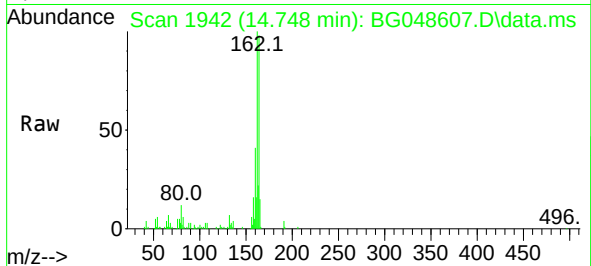




#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

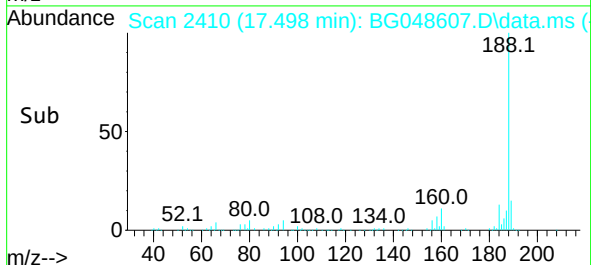
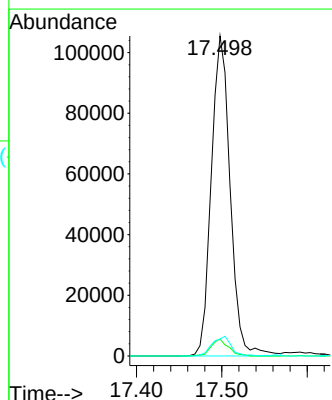
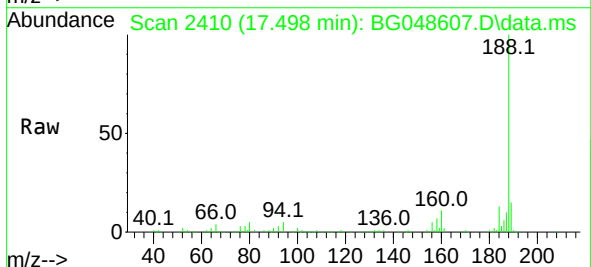
Instrument :
BNA_G
ClientSampled :
TW-6

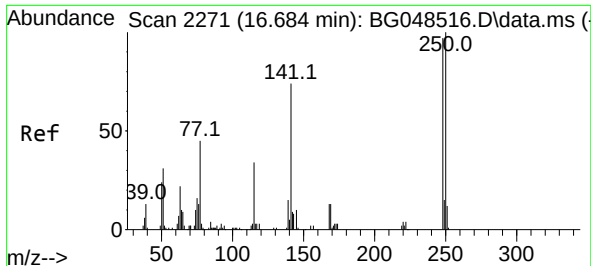
Tgt Ion:165 Resp: 8845
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

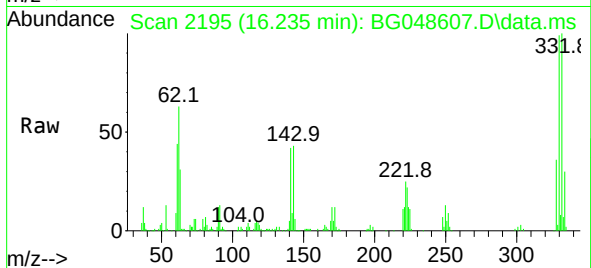
Tgt Ion:188 Resp: 162653
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.6#
80 5.3 4.5 6.7



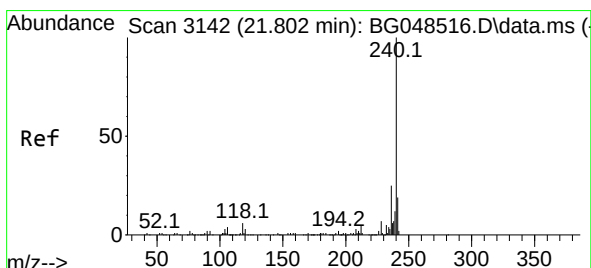
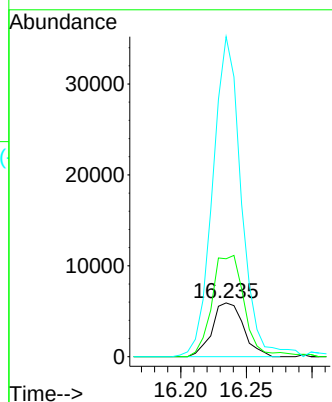
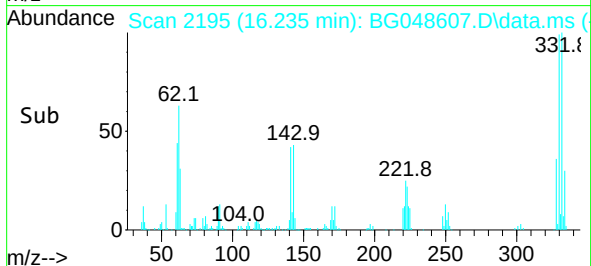


#67
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

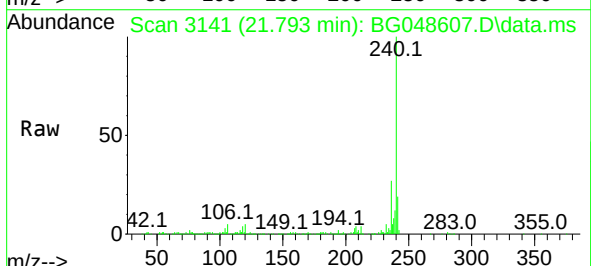
Instrument :
BNA_G
ClientSampled :
TW-6



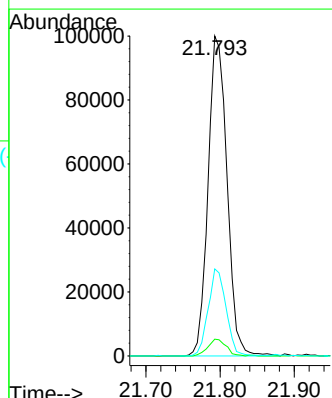
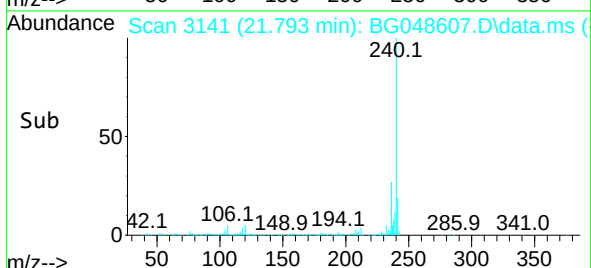
Tgt Ion:248 Resp: 9790
Ion Ratio Lower Upper
248 100
250 182.2 82.6 124.0#
141 595.1 61.0 91.6#

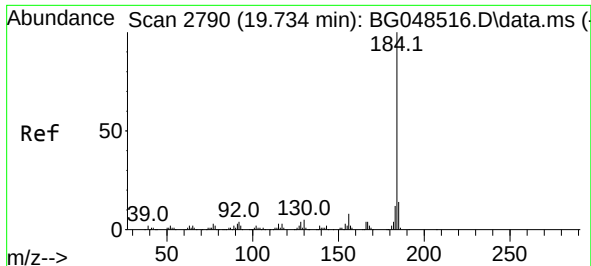


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05



Tgt Ion:240 Resp: 177670
Ion Ratio Lower Upper
240 100
120 5.3 2.6 3.8#
236 27.2 19.8 29.6

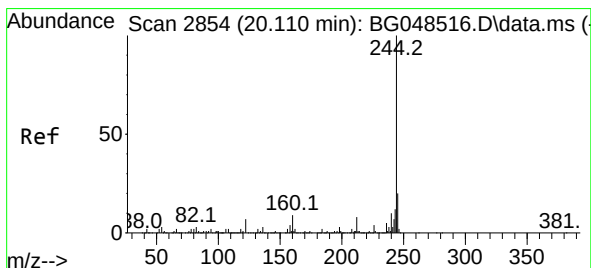
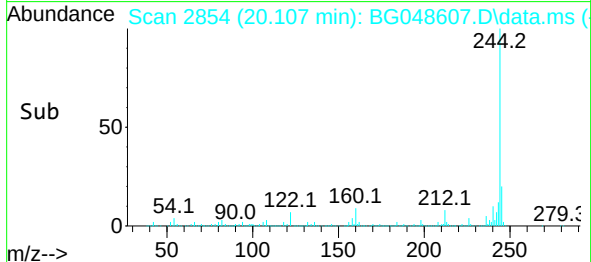
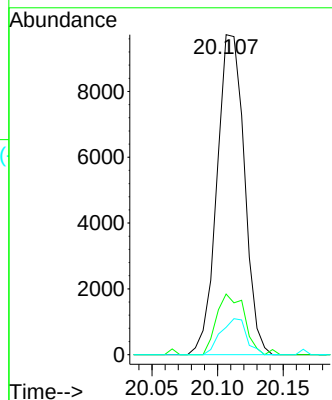
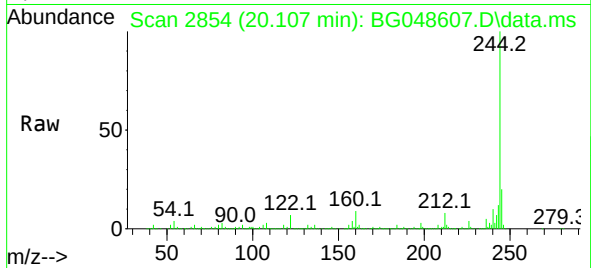




#77
Benzidine
Concen: 2.34 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.374 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

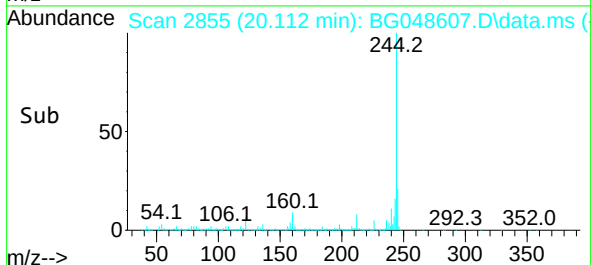
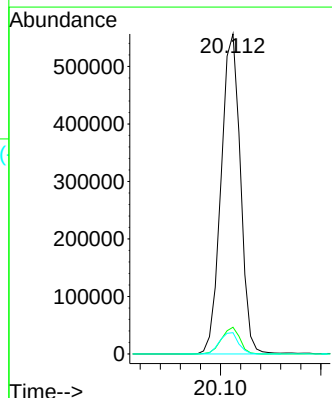
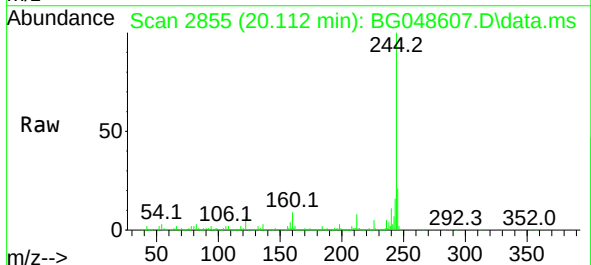
Instrument :
BNA_G
ClientSampled :
TW-6

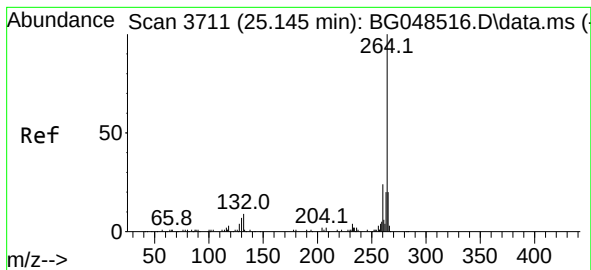
Tgt Ion:184 Resp: 14090
Ion Ratio Lower Upper
184 100
185 18.9 11.0 16.4#
183 8.5 9.2 13.8#



#79
Terphenyl-d14
Concen: 76.41 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Tgt Ion:244 Resp: 742376
Ion Ratio Lower Upper
244 100
212 8.4 6.0 9.0
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048607.D
Acq: 6 Apr 2021 17:05

Instrument :
BNA_G
ClientSampleId :
TW-6

Tgt Ion:264 Resp: 176034

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.1	28.7
265	23.2	16.1	24.1

