

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
 Data File : BG048640.D
 Acq On : 8 Apr 2021 15:34
 Operator : CG/JU
 Sample : M1951-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-2

Quant Time: Apr 08 18:11:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

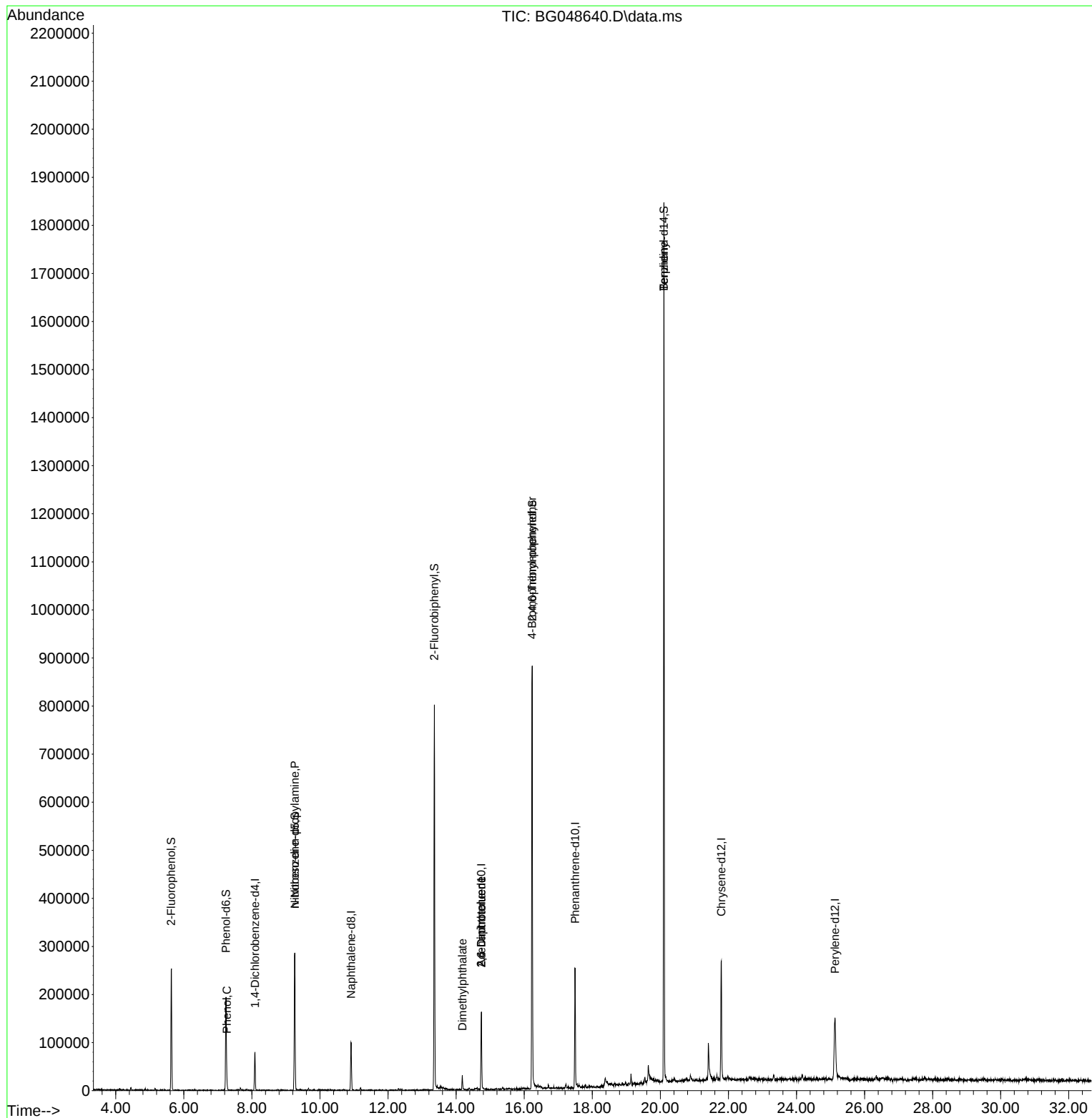
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	21315	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	85934	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	59871	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	170223	20.00	ng	0.00
76) Chrysene-d12	21.792	240	164325	20.00	ng	0.00
86) Perylene-d12	25.129	264	159828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	105575	87.45	ng	0.00
7) Phenol-d6	7.239	99	101552	58.00	ng	0.00
23) Nitrobenzene-d5	9.260	82	169846	95.69	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	161173	204.79	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	413092	102.55	ng	0.00
79) Terphenyl-d14	20.106	244	849933	94.59	ng	0.00
Target Compounds						
10) Phenol	7.268	94	7652	4.37	ng	# 77
19) n-Nitroso-di-n-propyla...	9.260	70	27330	22.65	ng	# 67
50) Dimethylphthalate	14.183	163	17848	4.02	ng	# 94
51) 2,6-Dinitrotoluene	14.742	165	7457	7.34	ng	# 19
57) 2,4-Dinitrotoluene	14.742	165	7457	5.19	ng	# 24
67) 4-Bromophenyl-phenylether	16.228	248	13043	6.91	ng	# 1
77) Benzidine	20.106	184	16504	2.97	ng	96

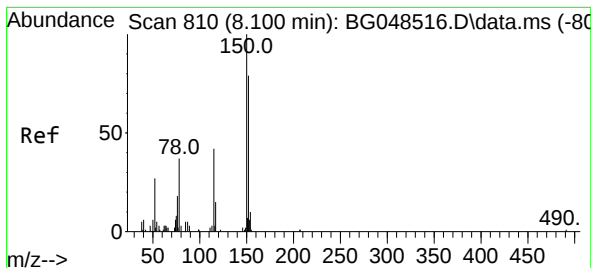
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 18:11:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

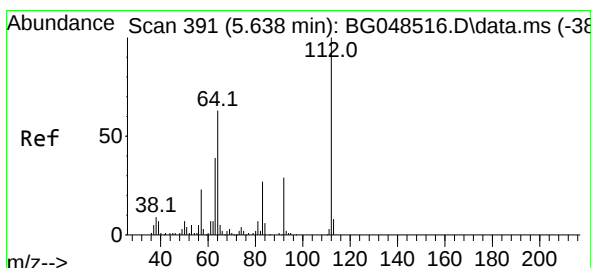
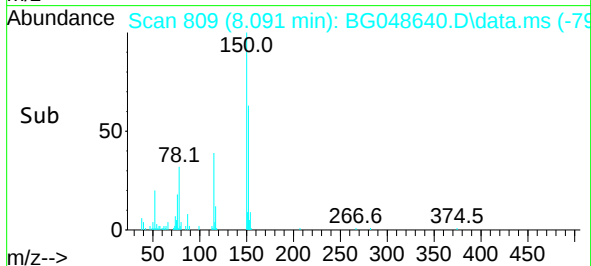
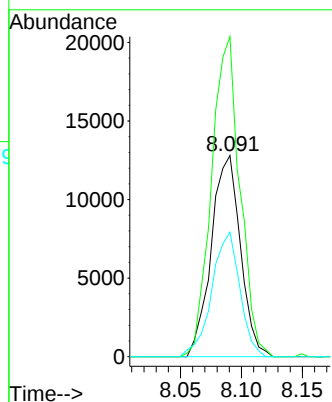
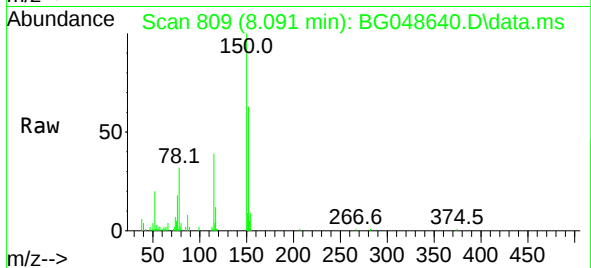




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

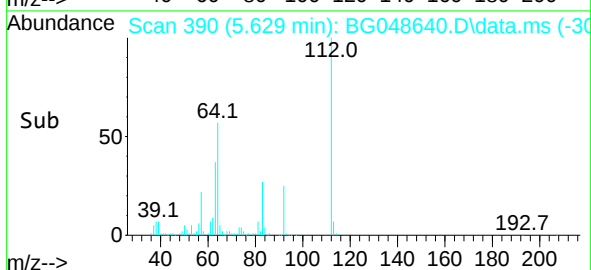
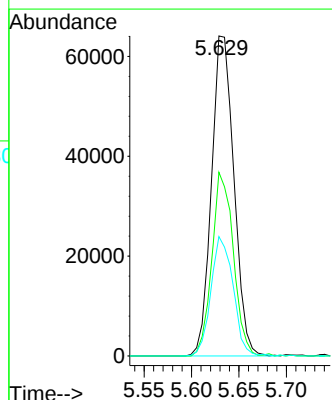
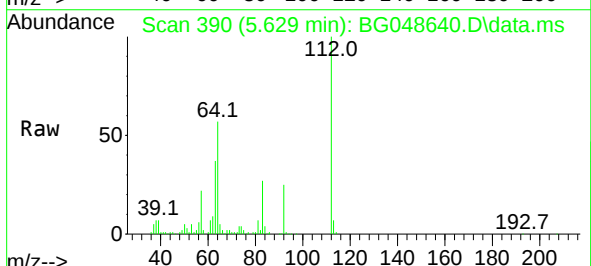
Instrument :
BNA_G
ClientSampled :
SW-2

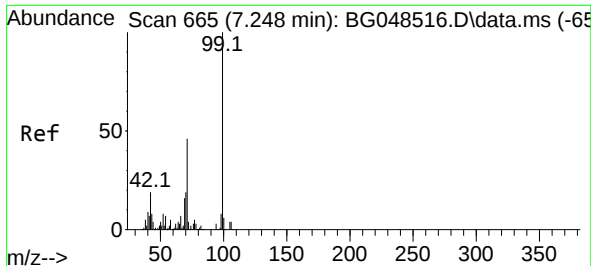
Tgt Ion:152 Resp: 21315
Ion Ratio Lower Upper
152 100
150 159.1 101.3 151.9#
115 61.9 42.3 63.5



#5
2-Fluorophenol
Concen: 87.45 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:112 Resp: 105575
Ion Ratio Lower Upper
112 100
64 57.4 50.4 75.6
63 37.3 31.4 47.2

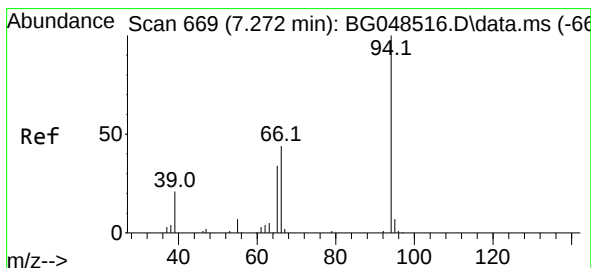
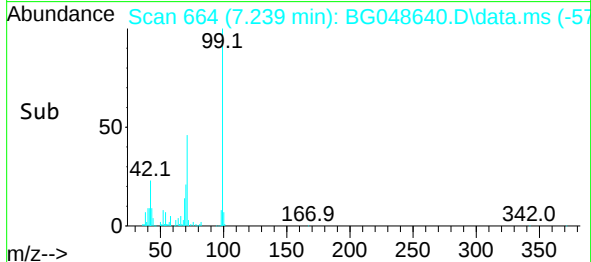
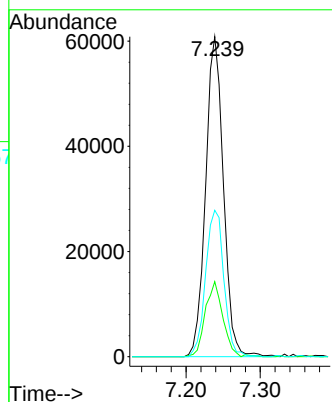
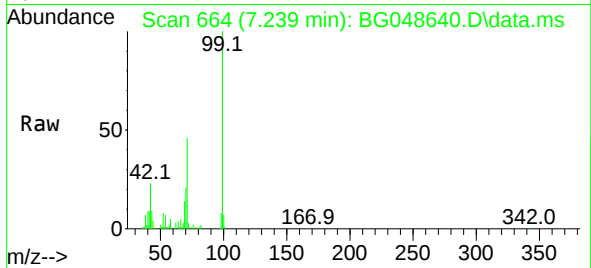




#7
Phenol-d6
Concen: 58.00 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

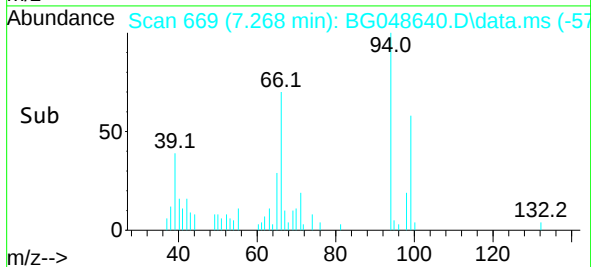
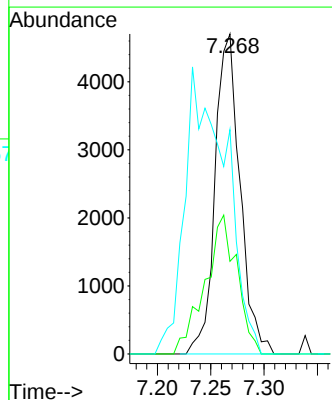
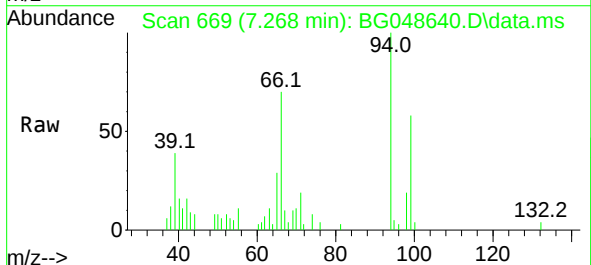
Instrument :
BNA_G
ClientSampleId :
SW-2

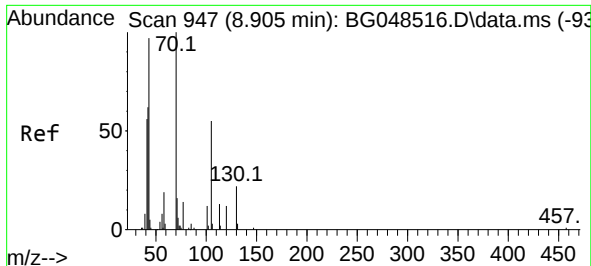
Tgt Ion: 99 Resp: 101552
Ion Ratio Lower Upper
99 100
42 23.5 15.5 23.3#
71 45.7 36.6 54.8



#10
Phenol
Concen: 4.37 ng
RT: 7.268 min Scan# 669
Delta R.T. -0.004 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

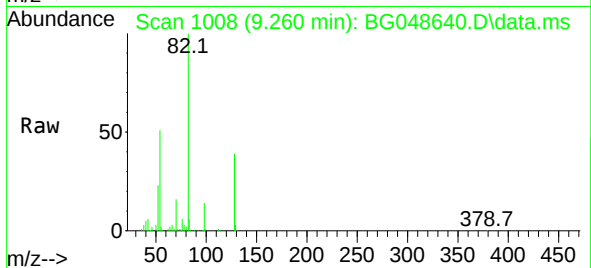
Tgt Ion: 94 Resp: 7652
Ion Ratio Lower Upper
94 100
65 28.9 15.1 55.1
66 70.1 28.9 68.9#



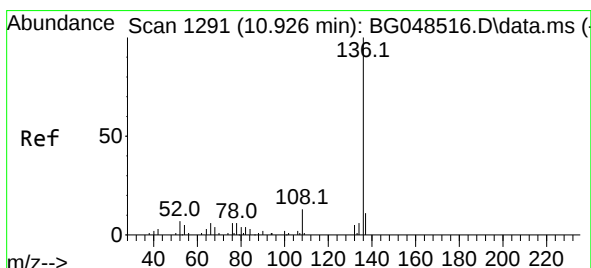
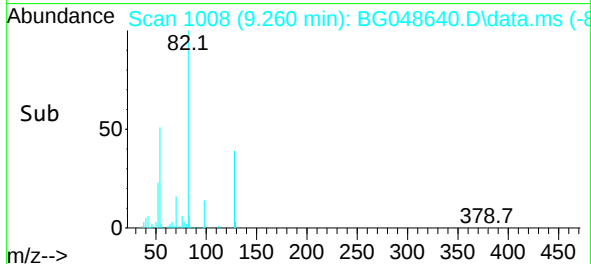
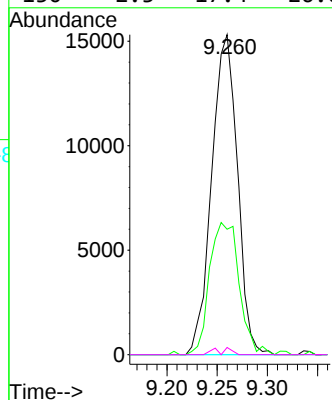


#19
n-Nitroso-di-n-propylamine
Concen: 22.65 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Instrument :
BNA_G
ClientSampled :
SW-2

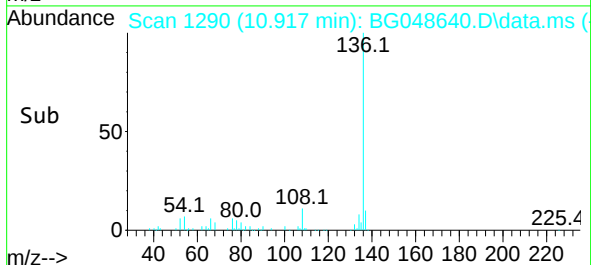
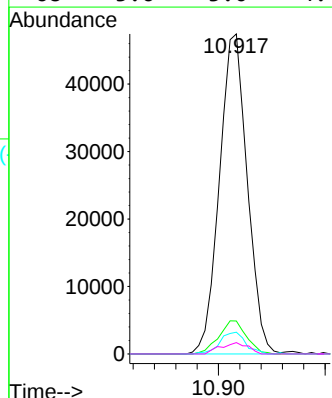
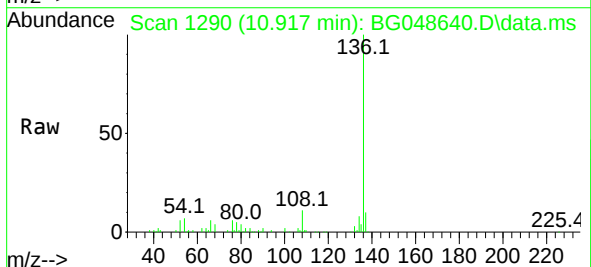


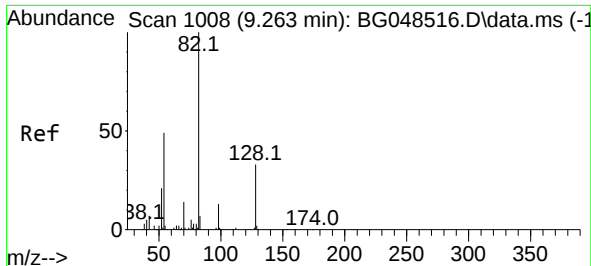
Tgt Ion: 70 Resp: 27330
Ion Ratio Lower Upper
70 100
42 39.2 50.8 76.2#
101 0.0 9.7 14.5#
130 2.3 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:136 Resp: 85934
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.8 4.2 6.4#
68 3.6 3.0 4.4

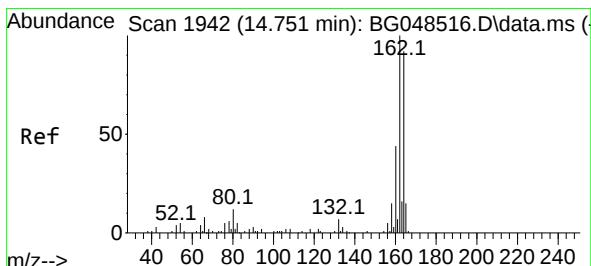
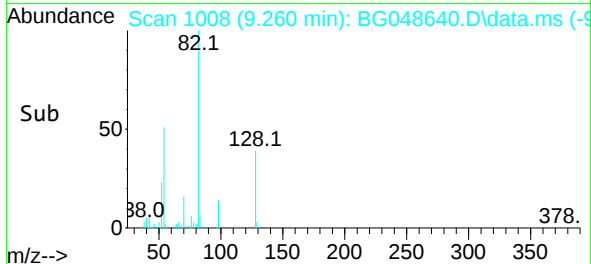
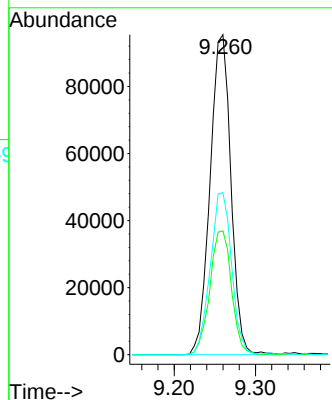
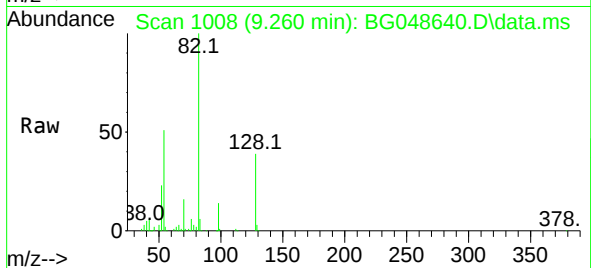




#23
Nitrobenzene-d5
Concen: 95.69 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

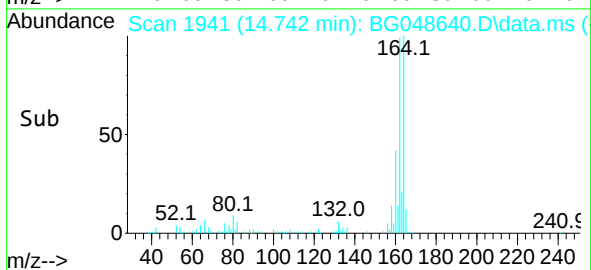
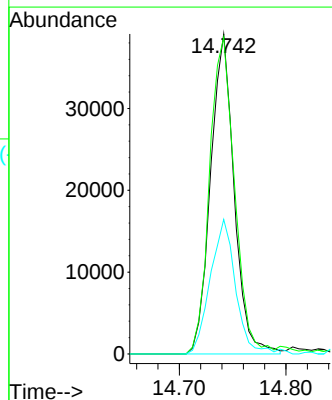
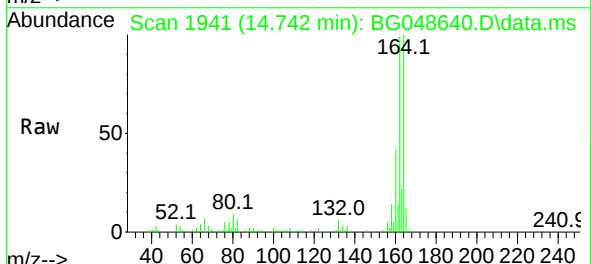
Instrument :
BNA_G
ClientSampleId :
SW-2

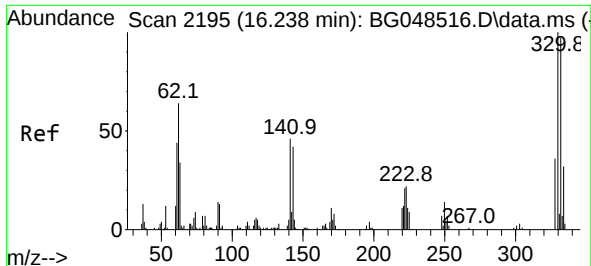
Tgt Ion: 82 Resp: 169846
Ion Ratio Lower Upper
82 100
128 38.7 26.2 39.4
54 50.7 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:164 Resp: 59871
Ion Ratio Lower Upper
164 100
162 99.0 87.0 130.6
160 42.0 38.4 57.6

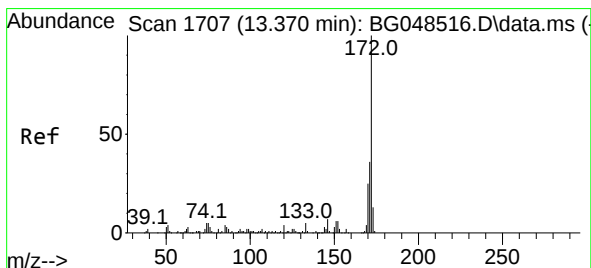
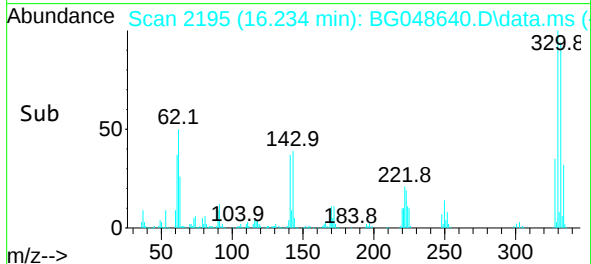
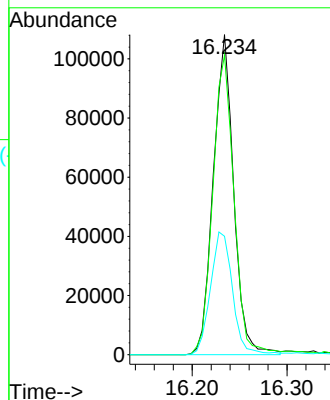
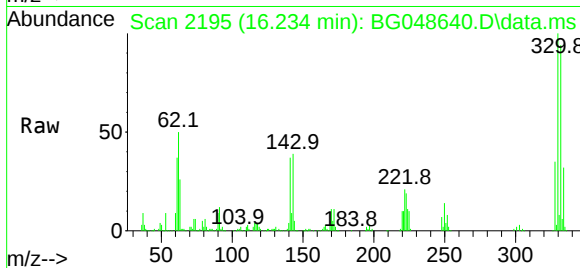




#42
2,4,6-Tribromophenol
Concen: 204.79 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

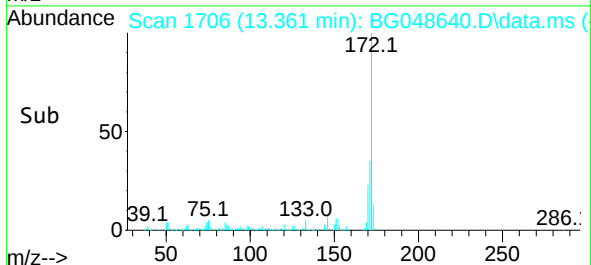
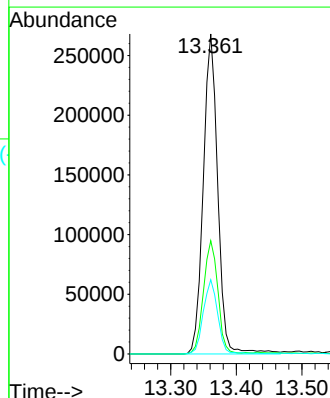
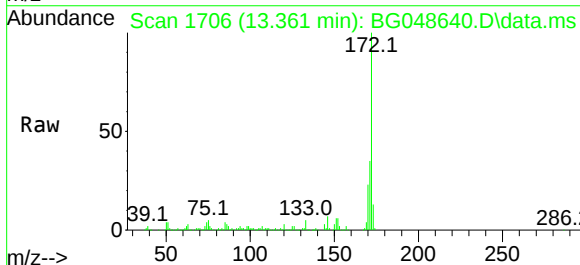
Instrument :
BNA_G
ClientSampled :
SW-2

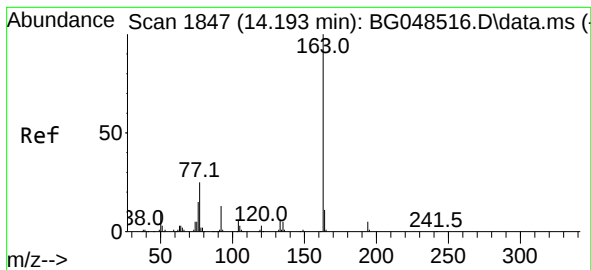
Tgt Ion:330 Resp: 161173
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 41.8 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 102.55 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:172 Resp: 413092
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.2 19.8 29.6

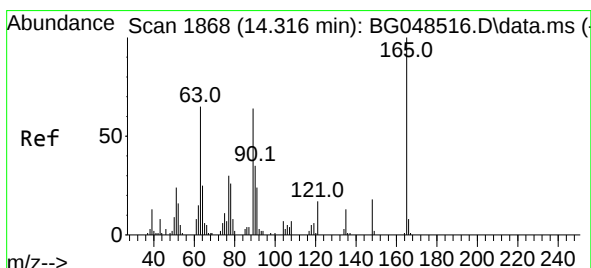
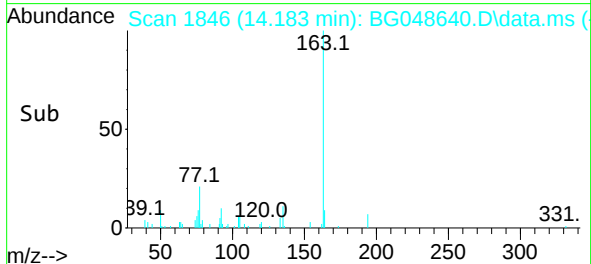
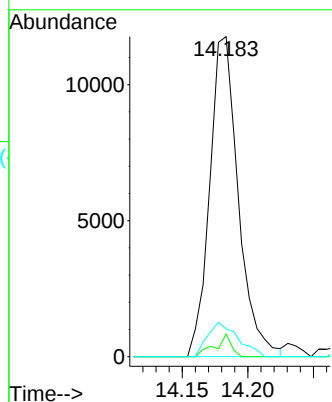
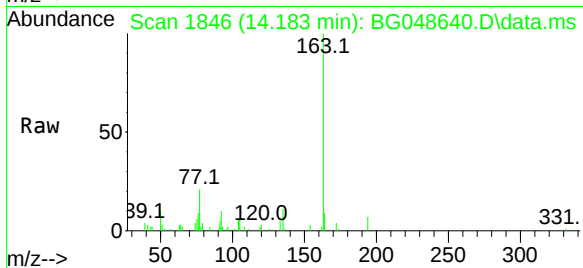




#50
Dimethylphthalate
Concen: 4.02 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

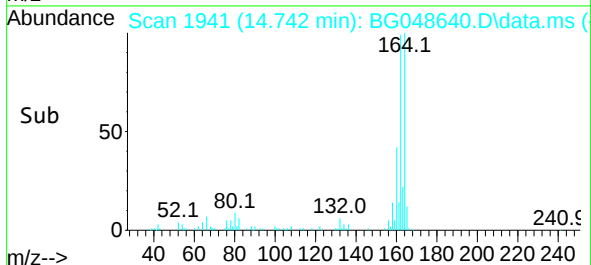
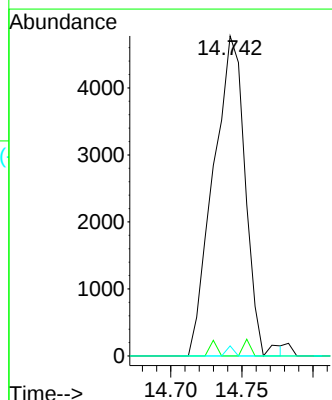
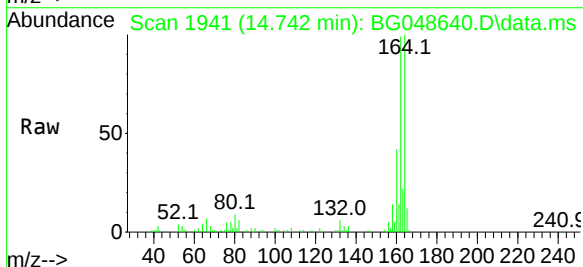
Instrument :
BNA_G
ClientSampled :
SW-2

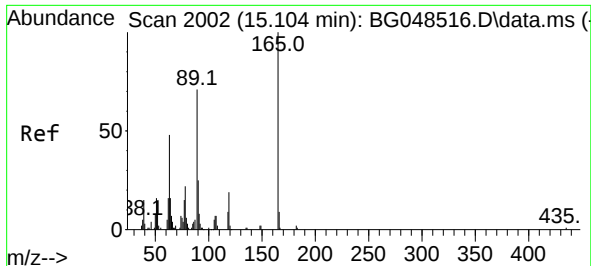
Tgt Ion:163 Resp: 17848
Ion Ratio Lower Upper
163 100
194 7.1 4.1 6.1#
164 8.7 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

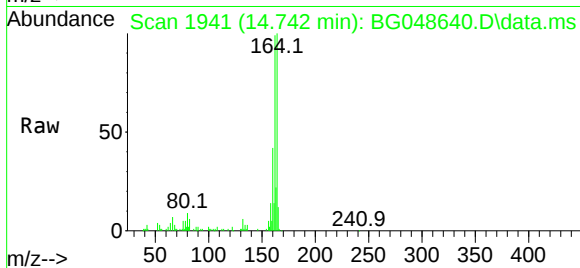
Tgt Ion:165 Resp: 7457
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 3.1 50.8 76.2#



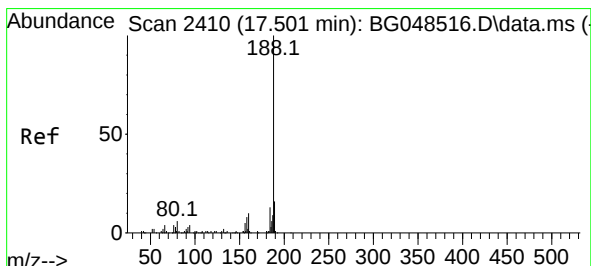
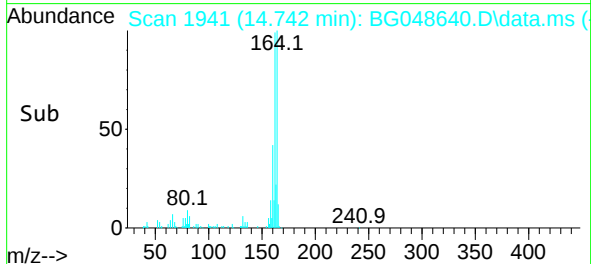
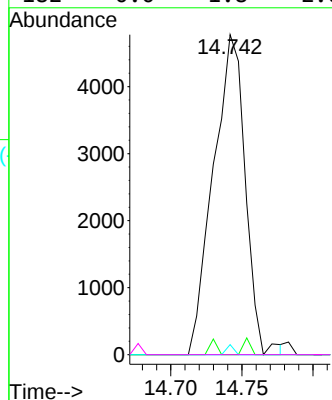


#57
2,4-Dinitrotoluene
Concen: 5.19 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Instrument :
BNA_G
ClientSampled :
SW-2

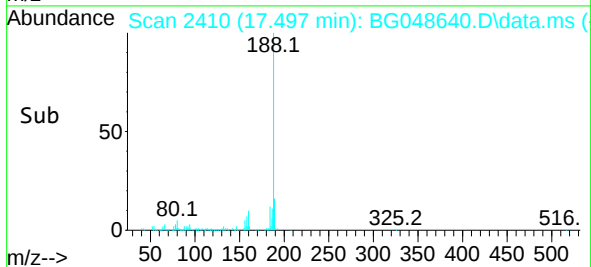
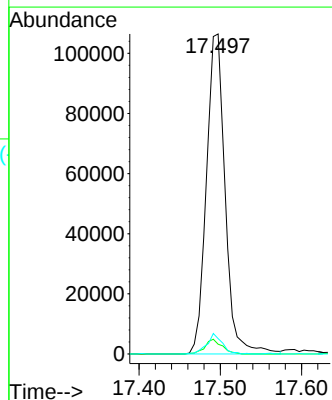
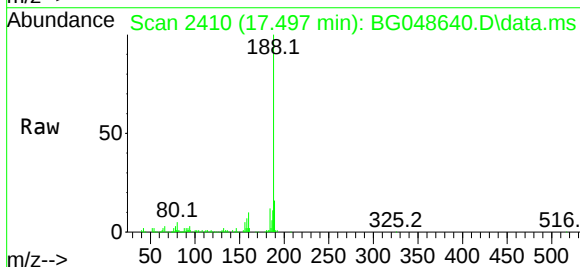


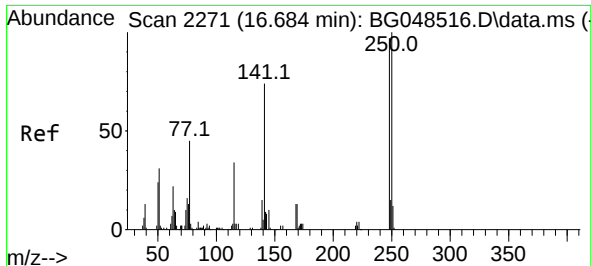
Tgt Ion:165 Resp: 7457
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.1 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:188 Resp: 170223
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.6
80 4.8 4.5 6.7

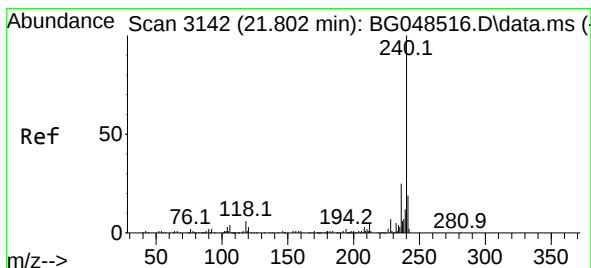
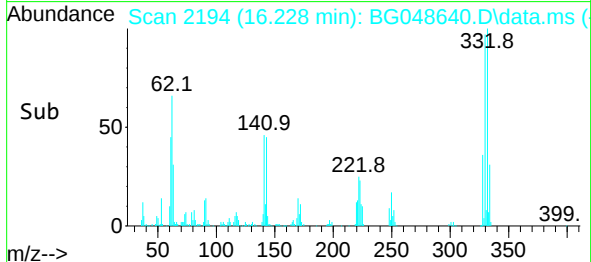
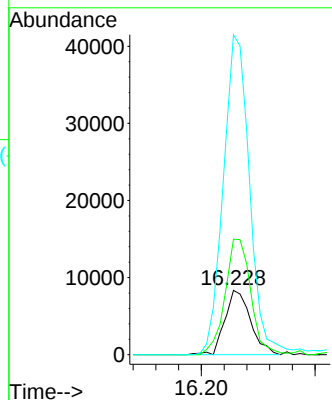
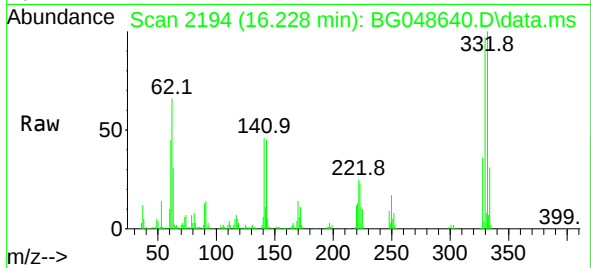




#67
4-Bromophenyl-phenylether
Concen: 6.91 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.456 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

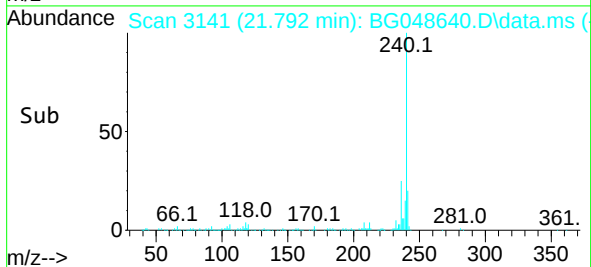
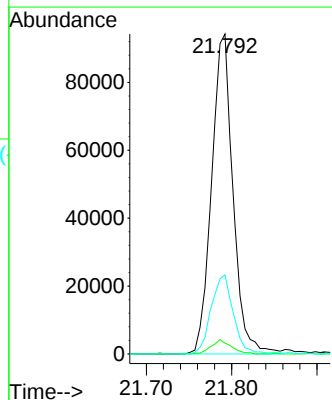
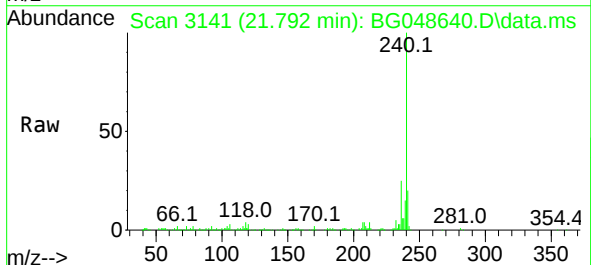
Instrument :
BNA_G
ClientSampleId :
SW-2

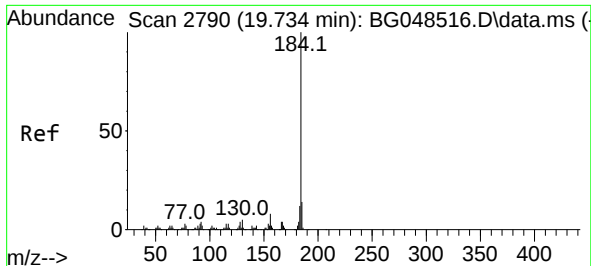
Tgt Ion:248 Resp: 13043
Ion Ratio Lower Upper
248 100
250 179.4 82.6 124.0#
141 497.2 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

Tgt Ion:240 Resp: 164325
Ion Ratio Lower Upper
240 100
120 3.4 2.6 3.8
236 24.8 19.8 29.6

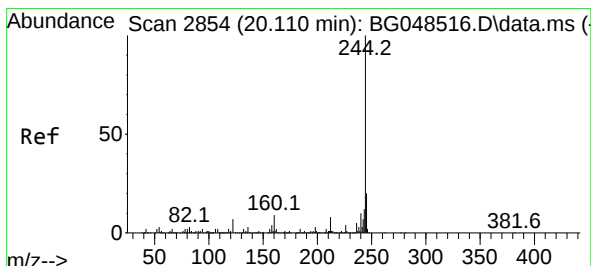
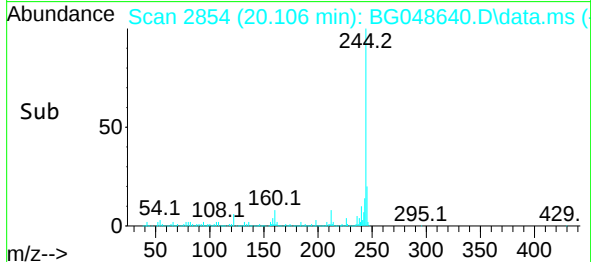
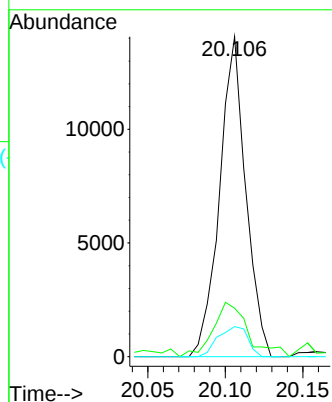
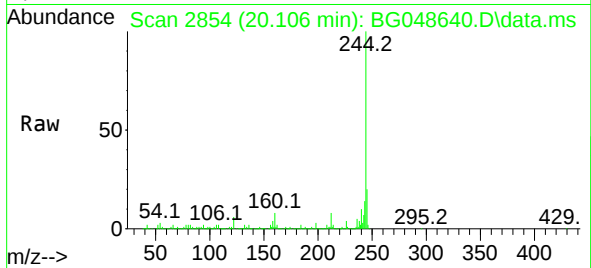




#77
Benzidine
Concen: 2.97 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.372 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

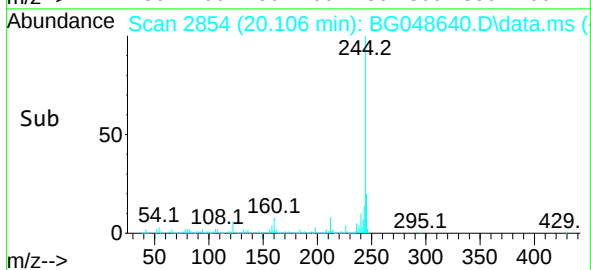
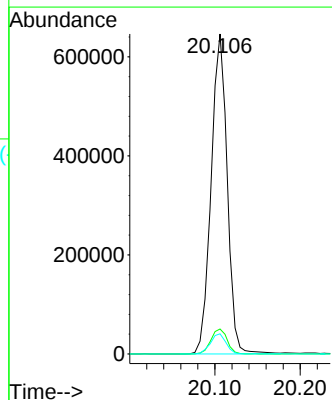
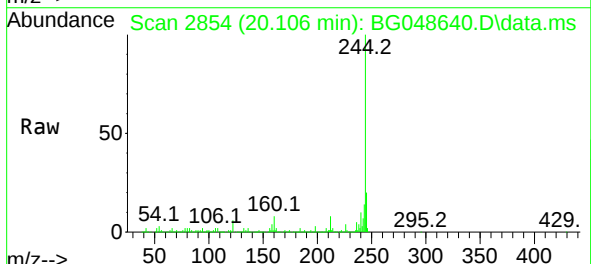
Instrument :
BNA_G
ClientSampled :
SW-2

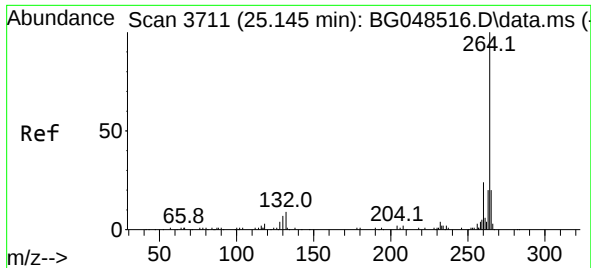
Tgt Ion:184 Resp: 16504
Ion Ratio Lower Upper
184 100
185 15.2 11.0 16.4
183 9.4 9.2 13.8



#79
Terphenyl-d14
Concen: 94.59 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048640.D
Acq: 8 Apr 2021 15:34

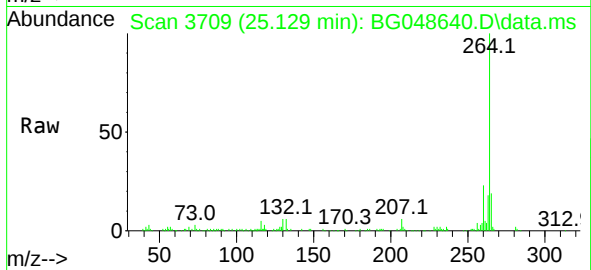
Tgt Ion:244 Resp: 849933
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.3 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.129 min Scan# 3709
 Delta R.T. -0.015 min
 Lab File: BG048640.D
 Acq: 8 Apr 2021 15:34

Instrument :
 BNA_G
 ClientSampleId :
 SW-2



Tgt Ion:	264	Resp:	159828
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.1	28.7
265	18.7	16.1	24.1

