

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048608.D
 Acq On : 6 Apr 2021 17:46
 Operator : CG/JU
 Sample : M1928-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Quant Time: Apr 06 18:41:51 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)

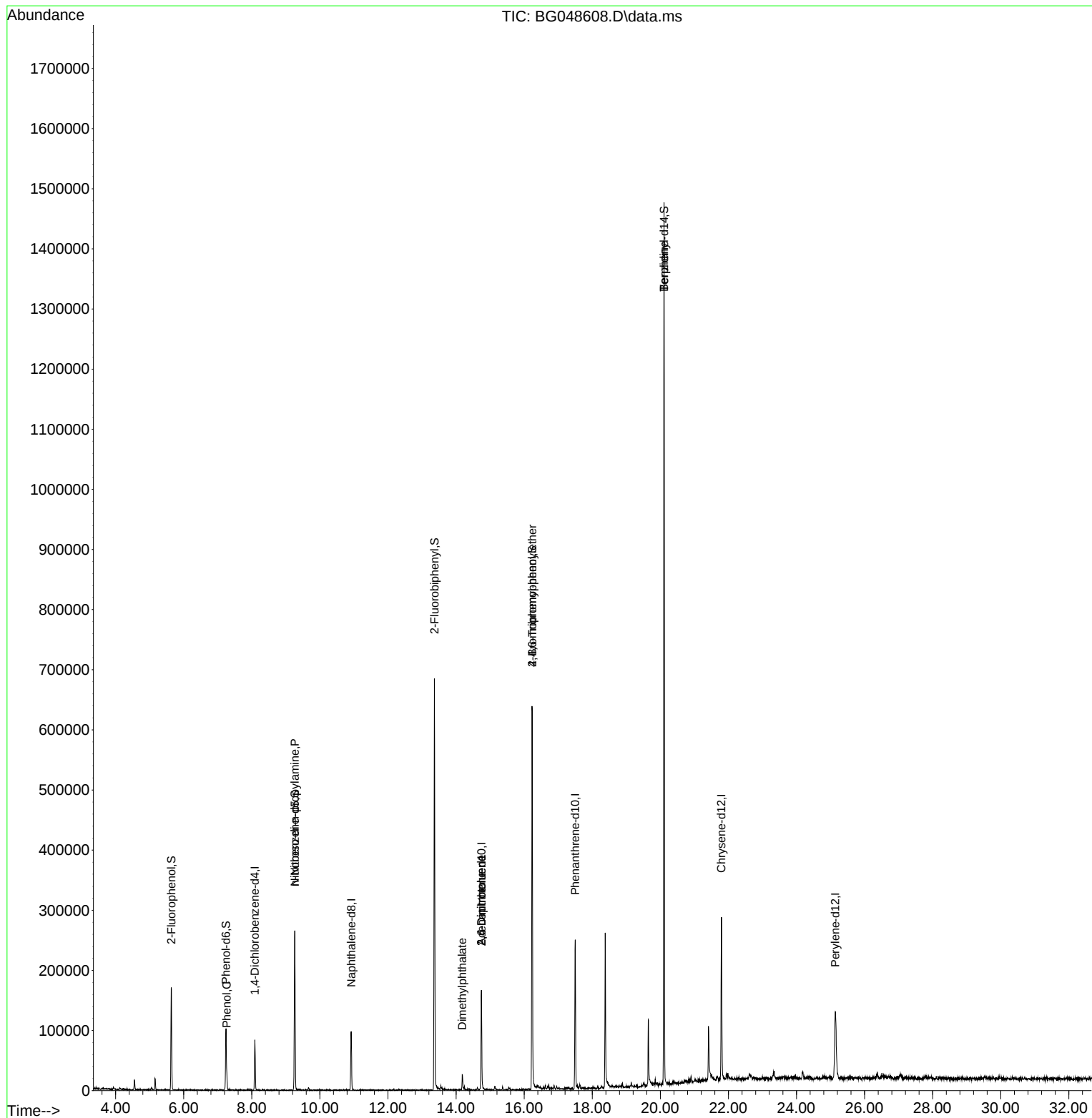
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	21763	20.00	ng	# 0.00
21) Naphthalene-d8	10.920	136	87110	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	57999	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	164734	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	169470	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	105142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	70503	57.19	ng	0.00
7) Phenol-d6	7.242	99	52421	29.32	ng	0.00
23) Nitrobenzene-d5	9.263	82	155255	86.29	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	118696	155.68	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	350832	89.91	ng	0.00
79) Terphenyl-d14	20.110	244	679431	73.32	ng	0.00
Target Compounds						
10) Phenol	7.266	94	8178	4.57	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	9.263	70	23093	18.74	ng	# 71
50) Dimethylphthalate	14.181	163	16768	3.90	ng	# 95
51) 2,6-Dinitrotoluene	14.745	165	7667	7.79	ng	# 17
57) 2,4-Dinitrotoluene	14.745	165	7667	5.50	ng	# 22
67) 4-Bromophenyl-phenylether	16.238	248	8110	4.44	ng	# 1
77) Benzidine	20.110	184	12183	2.12	ng	# 90

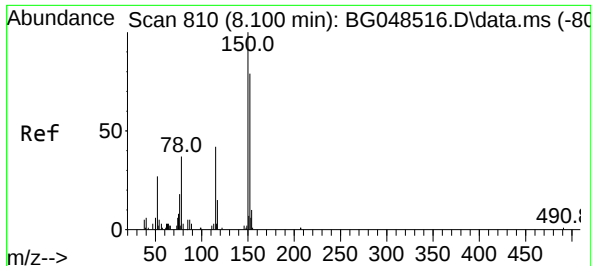
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 18:41:51 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

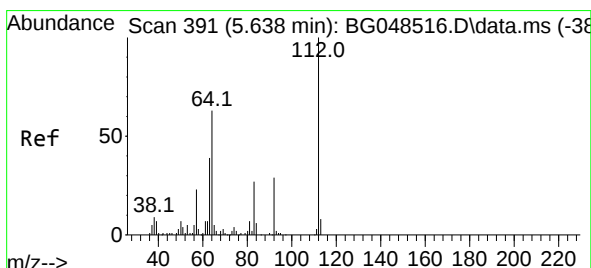
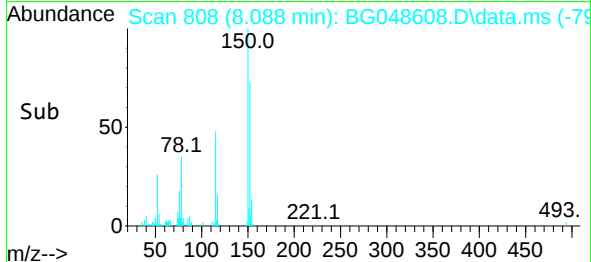
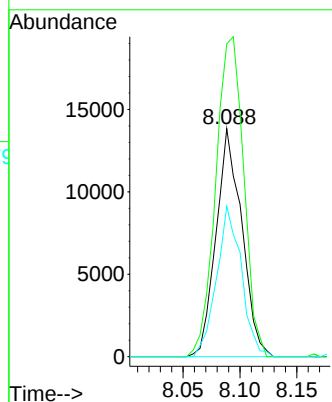
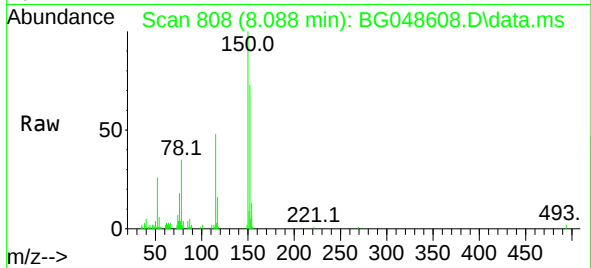




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

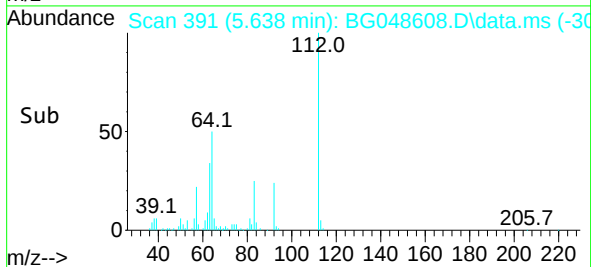
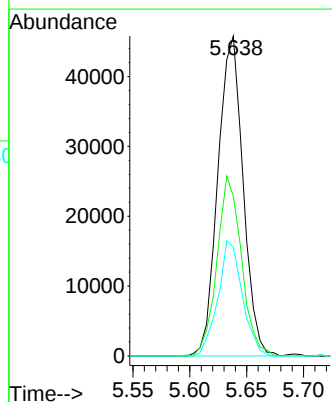
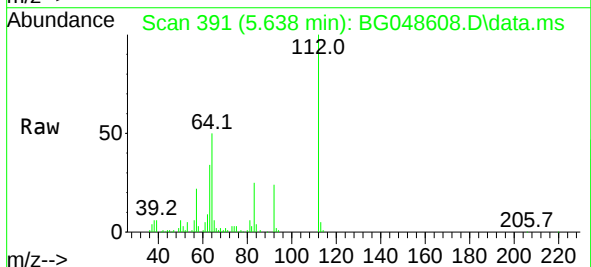
Instrument :
BNA_G
ClientSampled :
TW-3

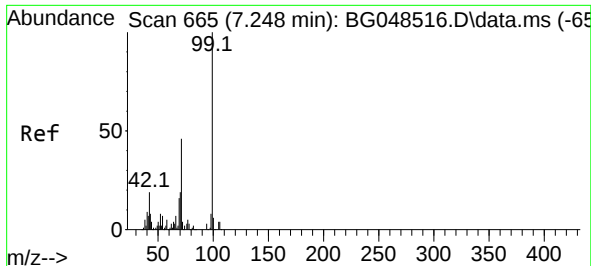
Tgt Ion:152 Resp: 21763
Ion Ratio Lower Upper
152 100
150 137.2 101.3 151.9
115 65.9 42.3 63.5#



#5
2-Fluorophenol
Concen: 57.19 ng
RT: 5.638 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Tgt Ion:112 Resp: 70503
Ion Ratio Lower Upper
112 100
64 49.9 50.4 75.6#
63 34.1 31.4 47.2

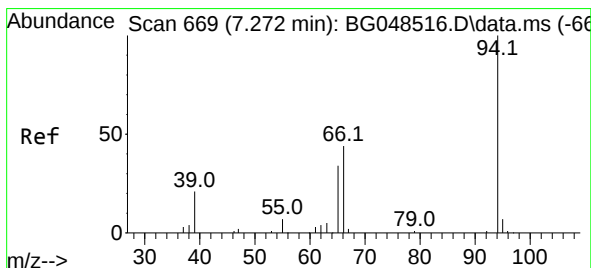
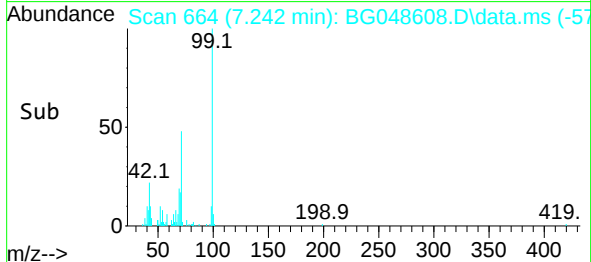
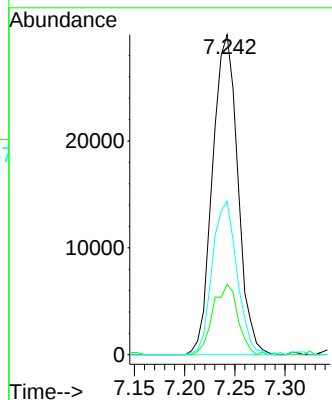
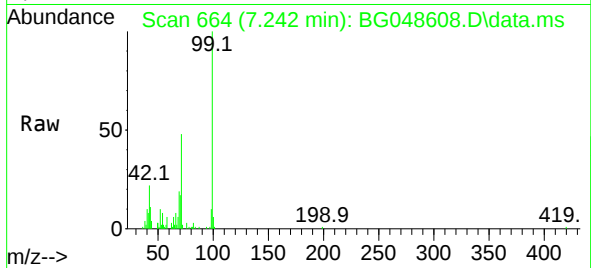




#7
Phenol-d6
Concen: 29.32 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

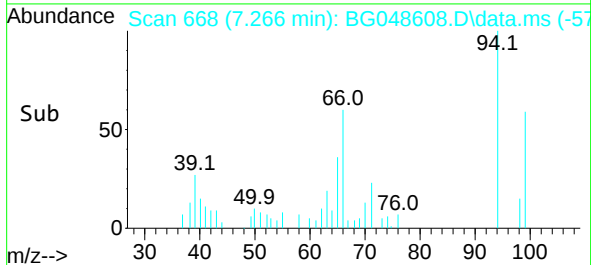
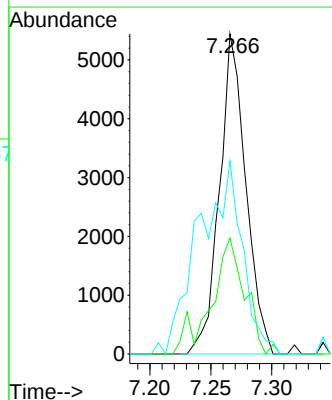
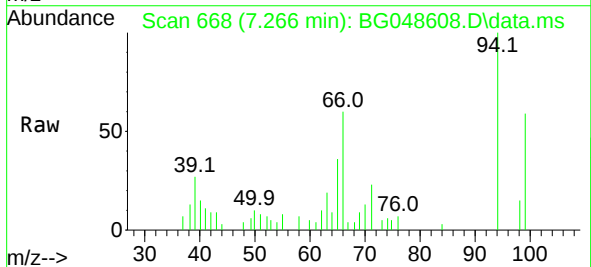
Instrument :
BNA_G
ClientSampled :
TW-3

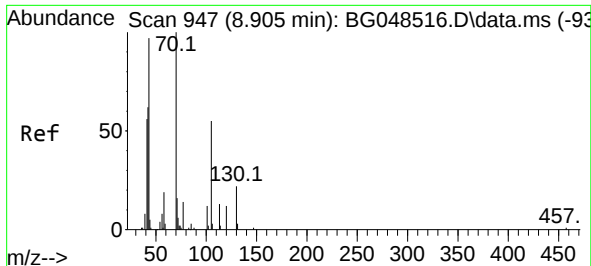
Tgt Ion: 99 Resp: 52421
Ion Ratio Lower Upper
99 100
42 22.0 15.5 23.3
71 47.9 36.6 54.8



#10
Phenol
Concen: 4.57 ng
RT: 7.266 min Scan# 668
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

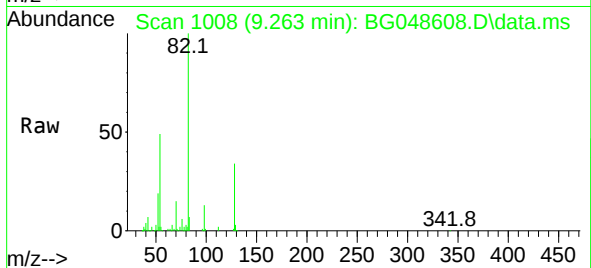
Tgt Ion: 94 Resp: 8178
Ion Ratio Lower Upper
94 100
65 36.2 15.1 55.1
66 60.3 28.9 68.9



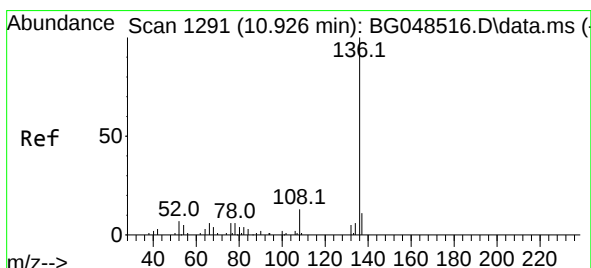
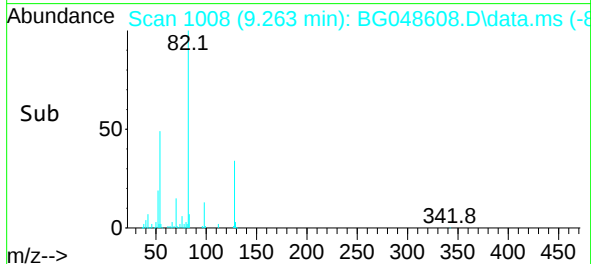
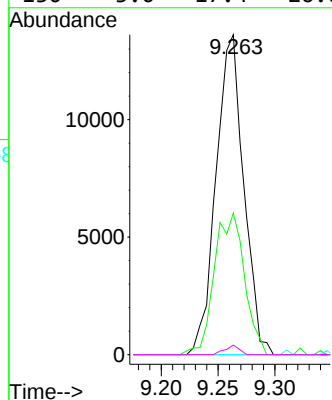


#19
n-Nitroso-di-n-propylamine
Concen: 18.74 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.359 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Instrument :
BNA_G
ClientSampled :
TW-3

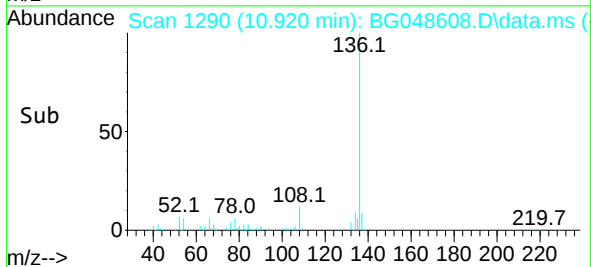
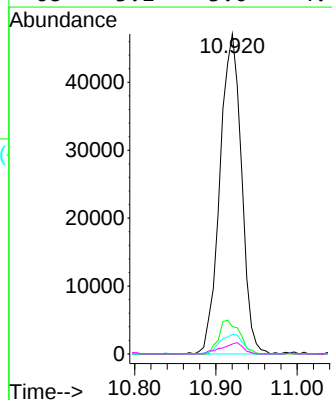
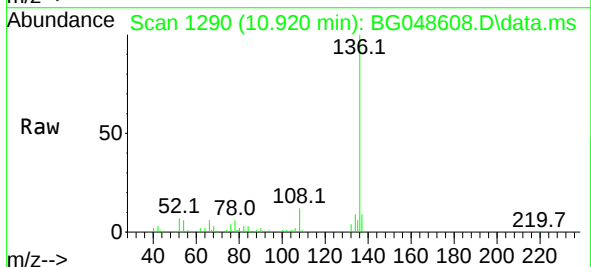


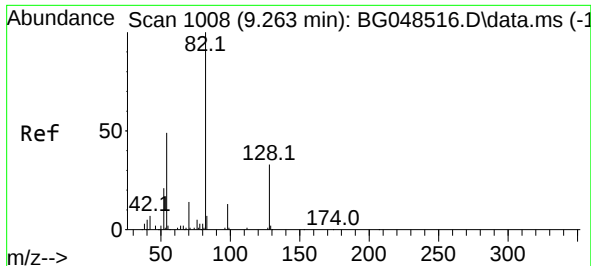
Tgt Ion: 70 Resp: 23093
Ion Ratio Lower Upper
70 100
42 44.3 50.8 76.2#
101 0.0 9.7 14.5#
130 3.0 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Tgt Ion: 136 Resp: 87110
Ion Ratio Lower Upper
136 100
137 8.5 8.6 12.8#
54 6.2 4.2 6.4
68 3.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 86.29 ng

RT: 9.263 min Scan# 1008

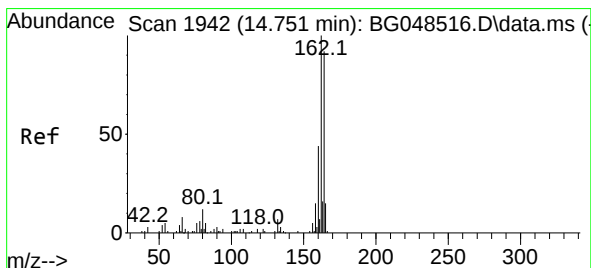
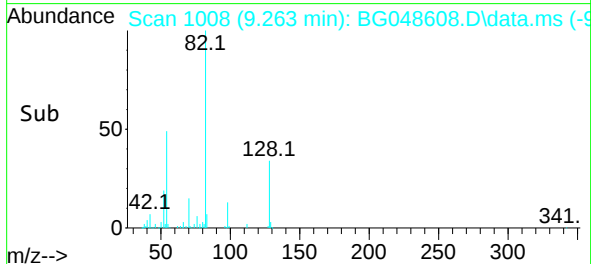
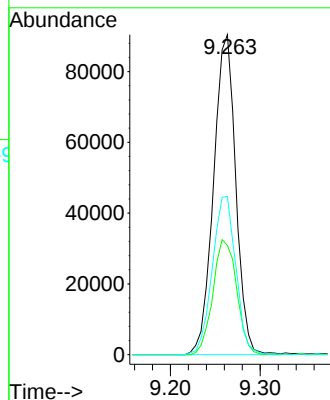
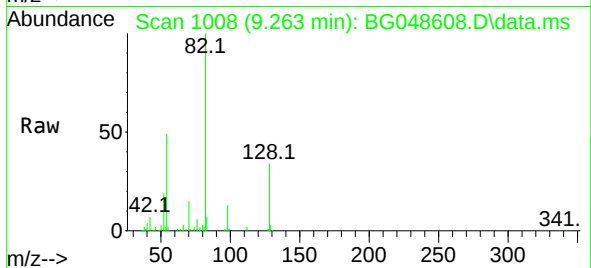
Delta R.T. -0.005 min

Lab File: BG048608.D

Acq: 6 Apr 2021 17:46

Tgt Ion: 82 Resp: 155255

Ion	Ratio	Lower	Upper
82	100		
128	34.2	26.2	39.4
54	49.5	38.9	58.3



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.745 min Scan# 1941

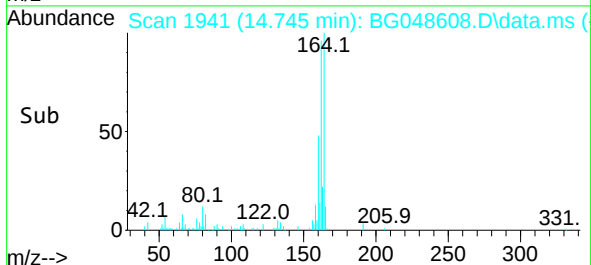
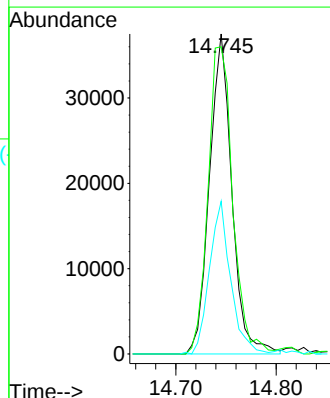
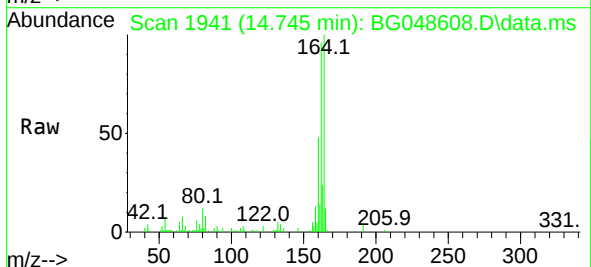
Delta R.T. -0.005 min

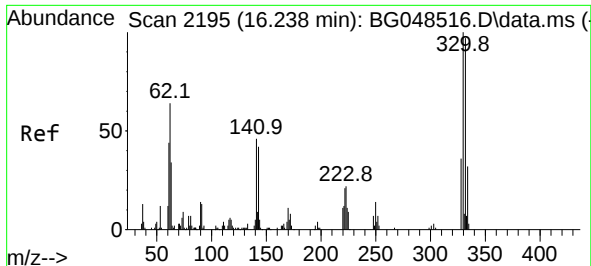
Lab File: BG048608.D

Acq: 6 Apr 2021 17:46

Tgt Ion: 164 Resp: 57999

Ion	Ratio	Lower	Upper
164	100		
162	96.0	87.0	130.6
160	47.7	38.4	57.6

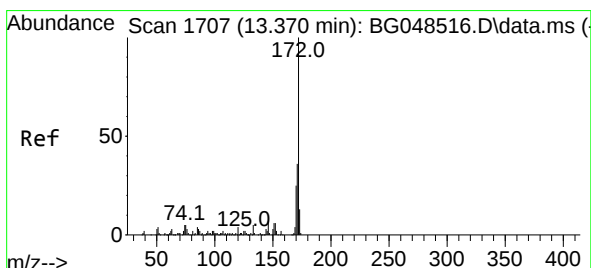
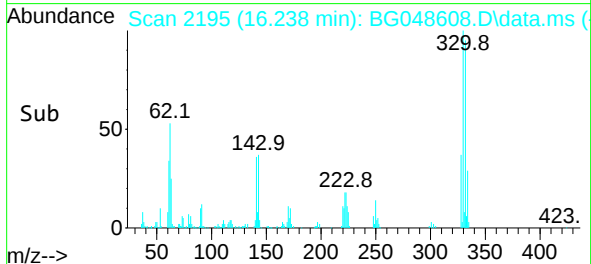
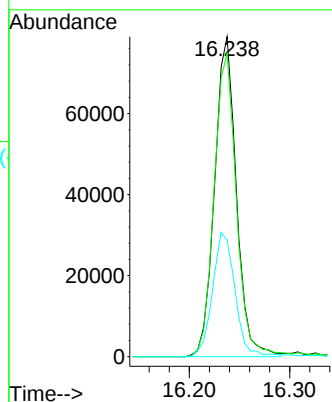
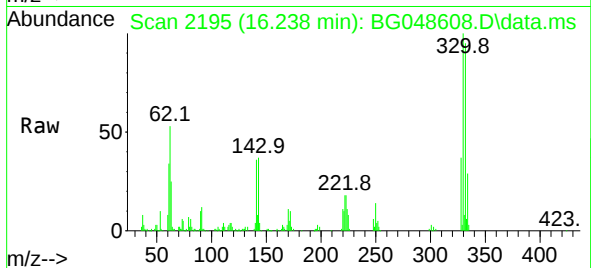




#42
2,4,6-Tribromophenol
Concen: 155.68 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

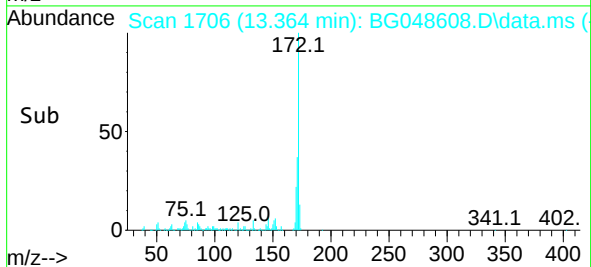
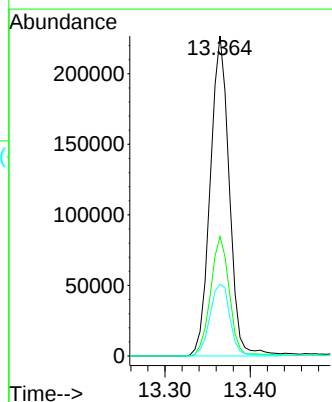
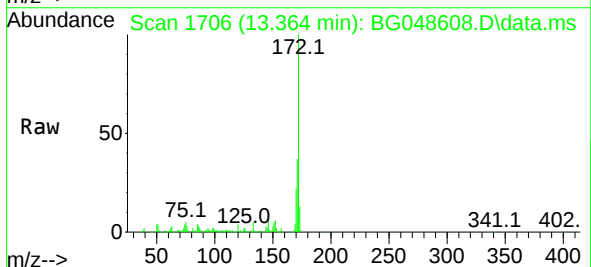
Instrument :
BNA_G
ClientSampled :
TW-3

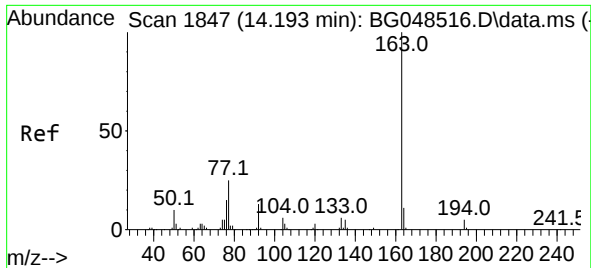
Tgt Ion:330 Resp: 118696
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 40.4 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 89.91 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Tgt Ion:172 Resp: 350832
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 22.4 19.8 29.6

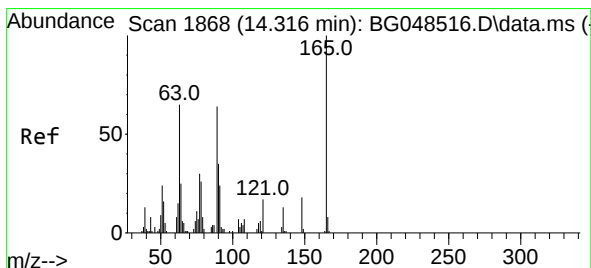
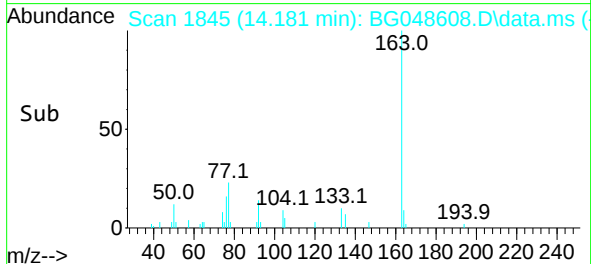
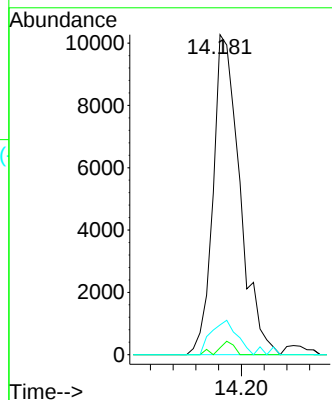
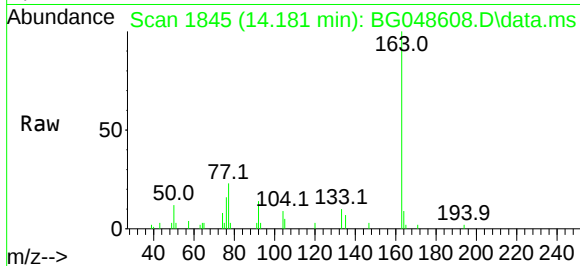




#50
Dimethylphthalate
Concen: 3.90 ng
RT: 14.181 min Scan# 1845
Delta R.T. -0.017 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

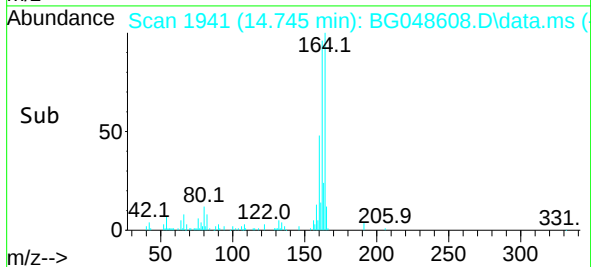
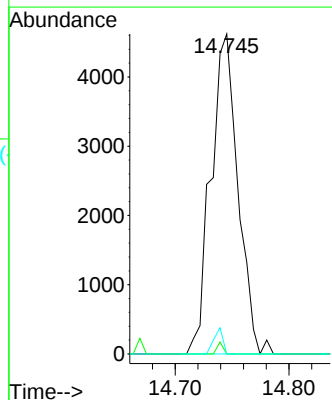
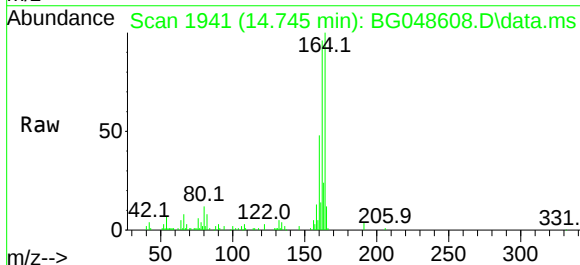
Instrument :
BNA_G
ClientSampleId :
TW-3

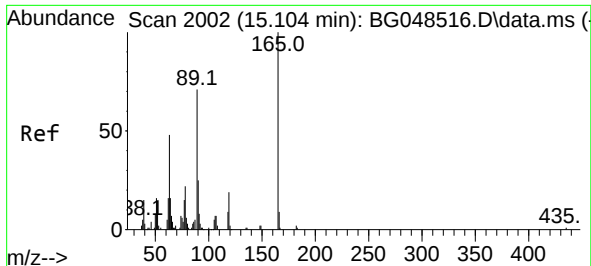
Tgt Ion:163 Resp: 16768
Ion Ratio Lower Upper
163 100
194 2.2 4.1 6.1#
164 9.3 8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

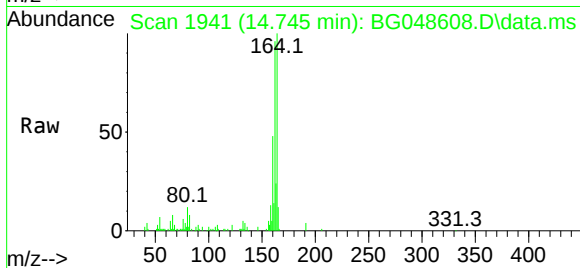
Tgt Ion:165 Resp: 7667
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



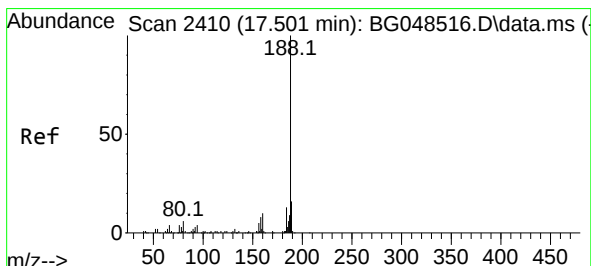
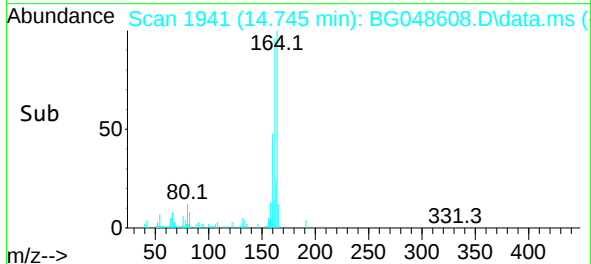
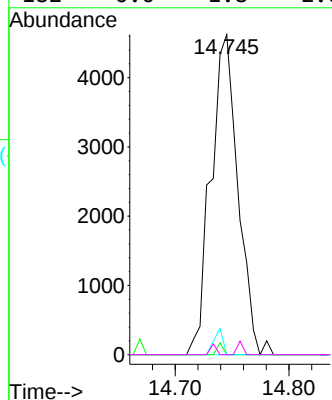


#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Instrument :
BNA_G
ClientSampled :
TW-3

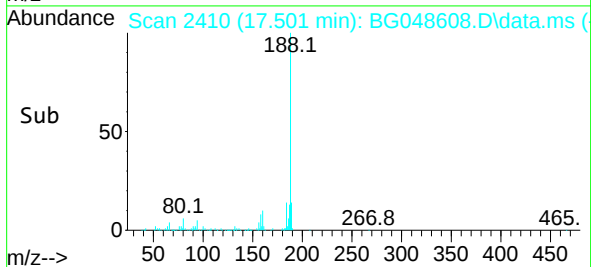
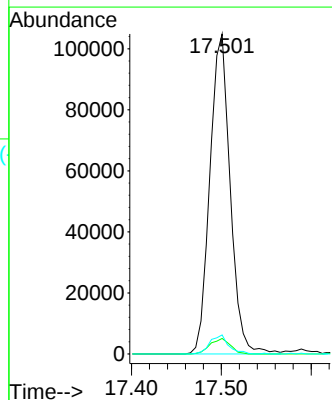
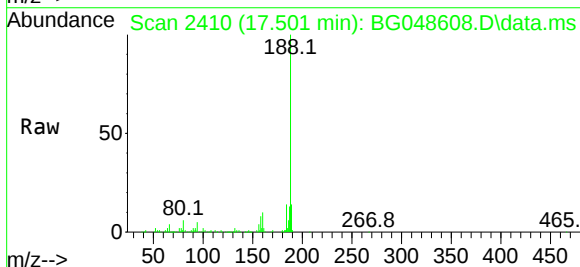


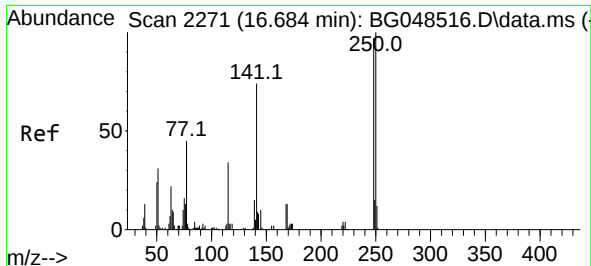
Tgt Ion:165 Resp: 7667
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Tgt Ion:188 Resp: 164734
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 6.0 4.5 6.7

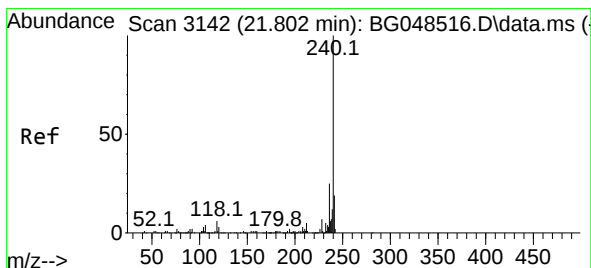
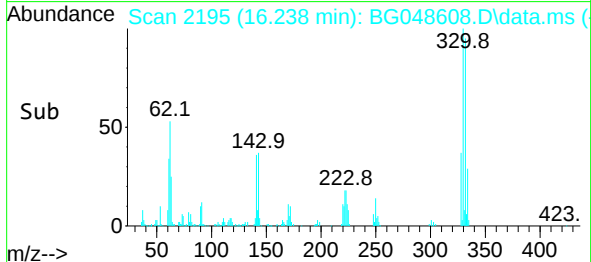
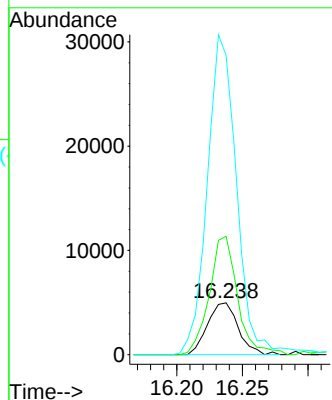
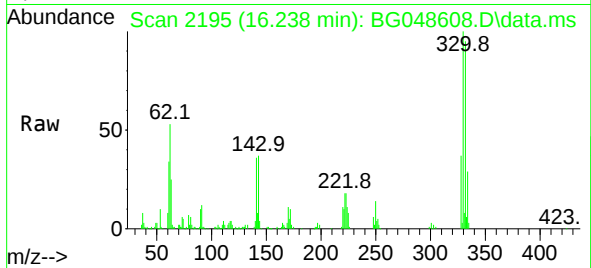




#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.452 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

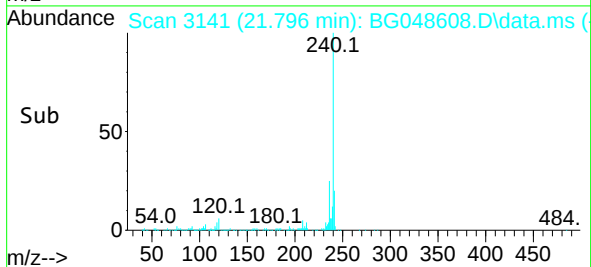
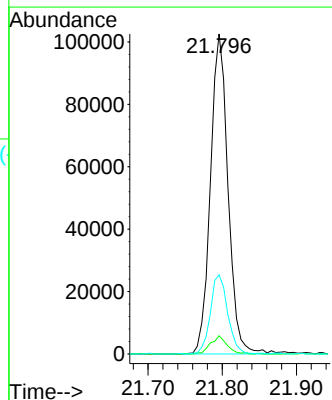
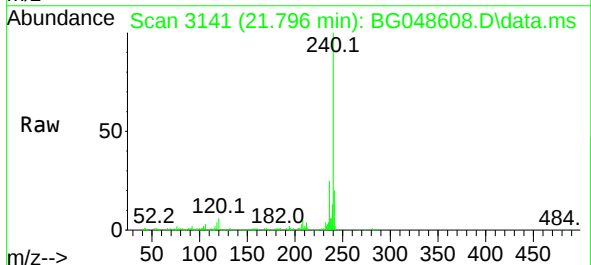
Instrument :
BNA_G
ClientSampled :
TW-3

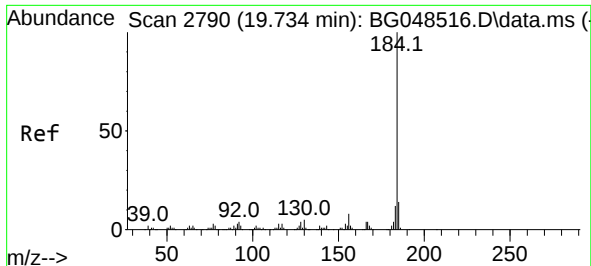
Tgt Ion:248 Resp: 8110
Ion Ratio Lower Upper
248 100
250 228.3 82.6 124.0#
141 576.5 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

Tgt Ion:240 Resp: 169470
Ion Ratio Lower Upper
240 100
120 5.7 2.6 3.8#
236 24.7 19.8 29.6

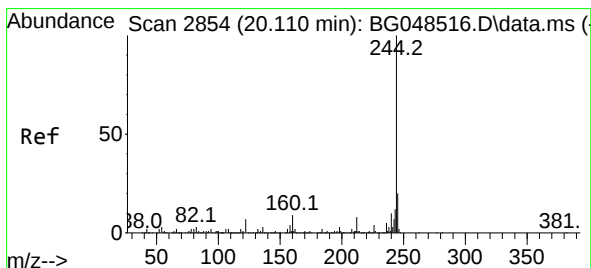
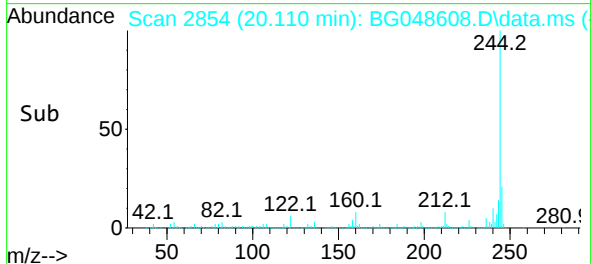
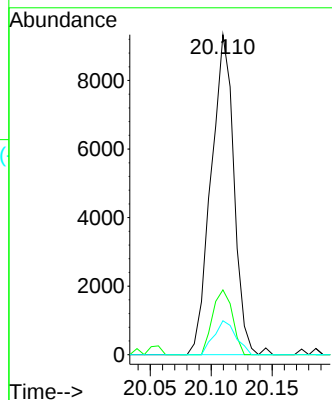
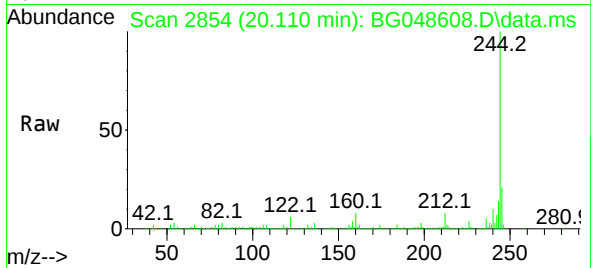




#77
Benzidine
Concen: 2.12 ng
RT: 20.110 min Scan# 2854
Delta R.T. 0.377 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

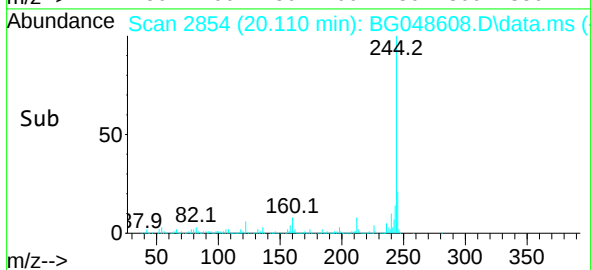
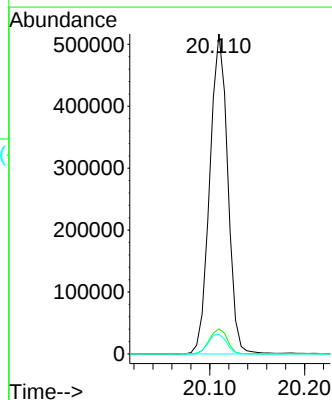
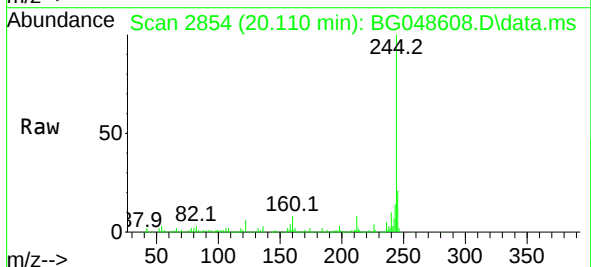
Instrument :
BNA_G
ClientSampled :
TW-3

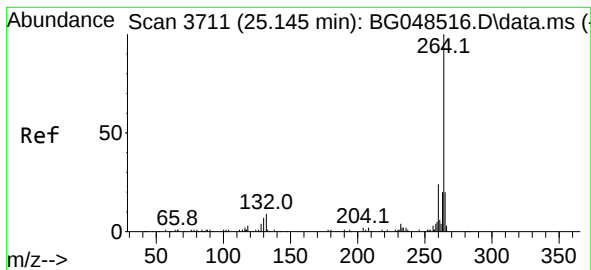
Tgt Ion:184 Resp: 12183
Ion Ratio Lower Upper
184 100
185 20.2 11.0 16.4#
183 10.6 9.2 13.8



#79
Terphenyl-d14
Concen: 73.32 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG048608.D
Acq: 6 Apr 2021 17:46

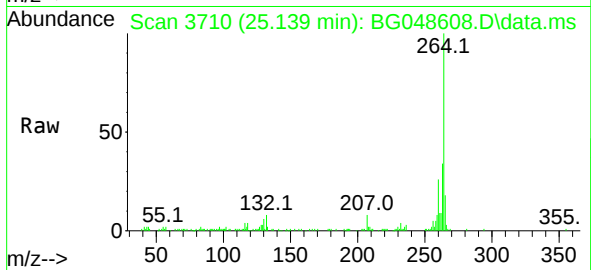
Tgt Ion:244 Resp: 679431
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 6.2 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.139 min Scan# 3710
 Delta R.T. -0.011 min
 Lab File: BG048608.D
 Acq: 6 Apr 2021 17:46

Instrument :
 BNA_G
 ClientSampleId :
 TW-3



Tgt Ion:264 Resp: 105142
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.1 28.7
 265 18.0 16.1 24.1

