

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
 Data File : BG046806.D
 Acq On : 7 Oct 2020 17:44
 Operator : CG/JU
 Sample : L4279-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2

Quant Time: Oct 08 01:11:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

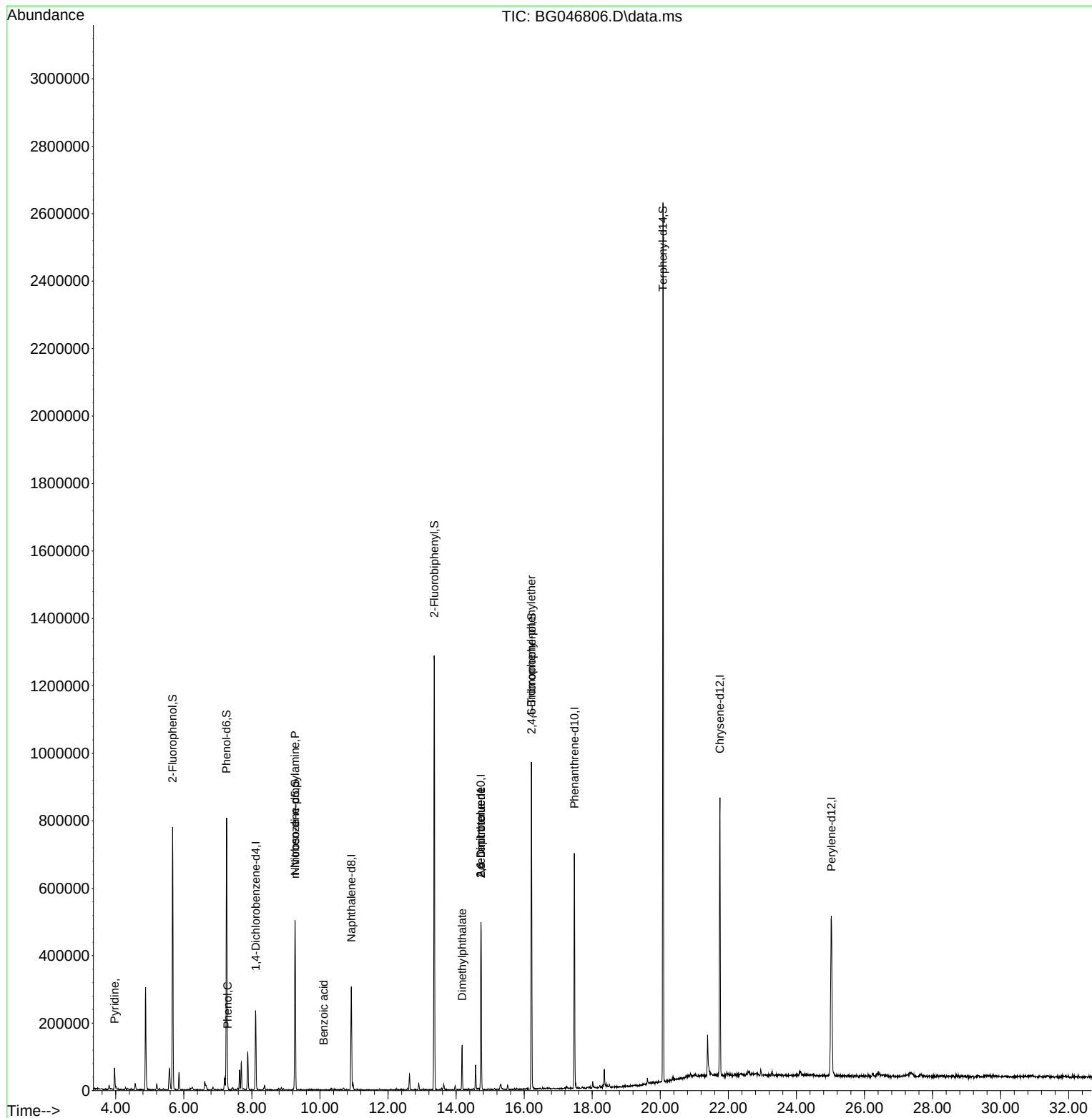
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	64636	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	249998	20.00	ng	0.00
39) Acenaphthene-d10	14.731	164	173528	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	424479	20.00	ng	0.00
76) Chrysene-d12	21.752	240	512881	20.00	ng	# 0.00
86) Perylene-d12	25.025	264	531491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.671	112	313740	77.76	ng	0.00
7) Phenol-d6	7.257	99	429005	75.38	ng	0.00
23) Nitrobenzene-d5	9.267	82	304709	64.84	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	187482	81.94	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	674209	55.00	ng	0.00
79) Terphenyl-d14	20.077	244	1207887	47.20	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.967	79	37769	7.09	ng	# 87
9) Benzaldehyde	7.251	77	1167	Below Cal		# 1
10) Phenol	7.287	94	11448	2.02	ng	80
19) n-Nitroso-di-n-propyla...	9.272	70	43688	11.19	ng	# 74
32) Benzoic acid	10.113	122	96	6.38	ng	# 1
50) Dimethylphthalate	14.178	163	84208	6.08	ng	96
51) 2,6-Dinitrotoluene	14.731	165	23047	10.23	ng	# 33
57) 2,4-Dinitrotoluene	14.731	165	23047	7.73	ng	# 31
67) 4-Bromophenyl-phenylether	16.211	248	12858	2.40	ng	# 1

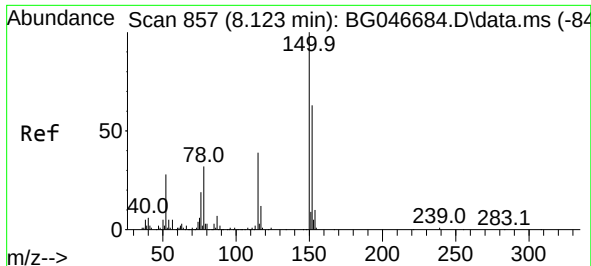
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

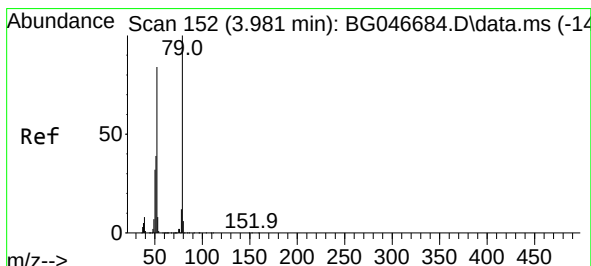
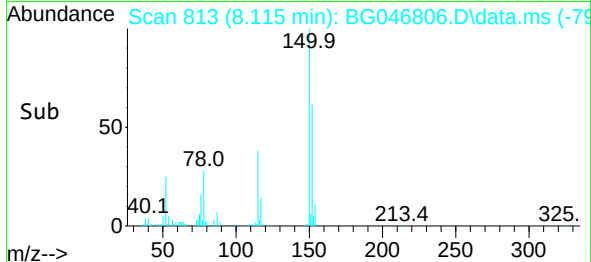
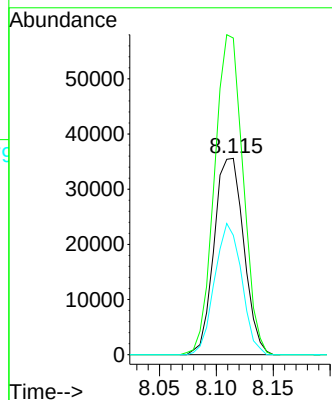
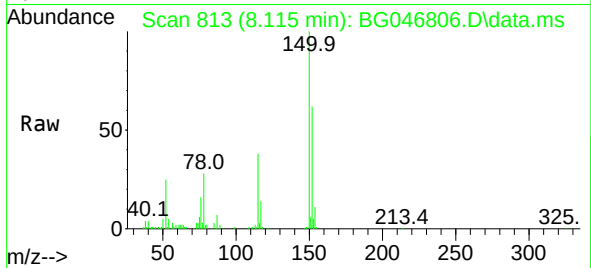




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. 0.007 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

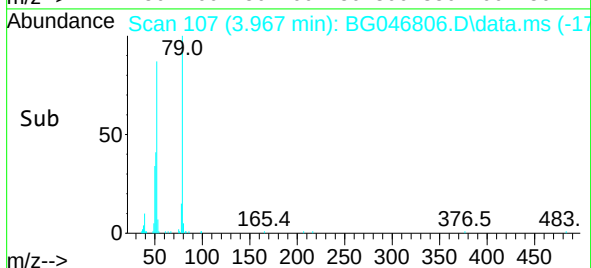
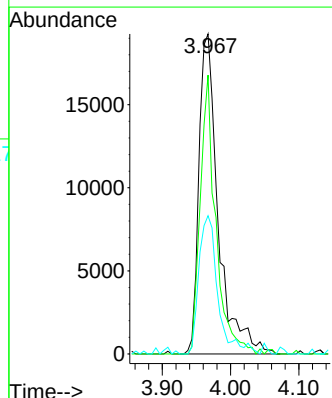
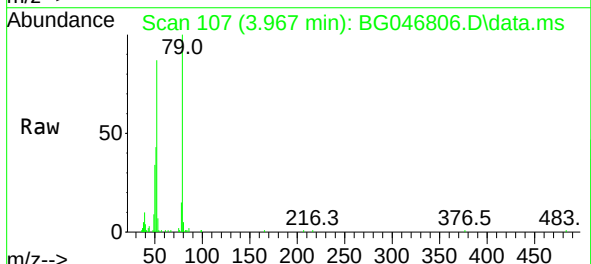
Instrument :
BNA_G
ClientSampled :
S-2

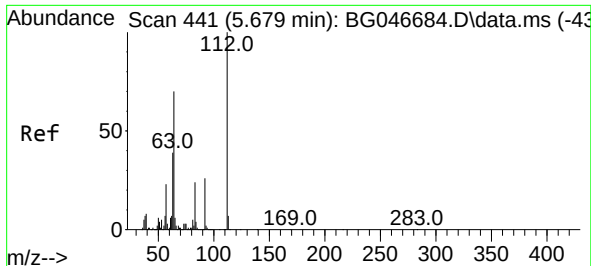
Tgt Ion:152 Resp: 64636
Ion Ratio Lower Upper
152 100
150 161.2 125.0 187.6
115 60.8 41.8 62.6



#3
Pyridine
Concen: 7.09 ng
RT: 3.967 min Scan# 107
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion: 79 Resp: 37769
Ion Ratio Lower Upper
79 100
52 87.2 61.3 91.9
51 43.2 28.4 42.6#

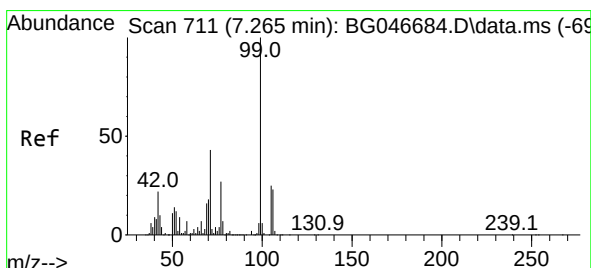
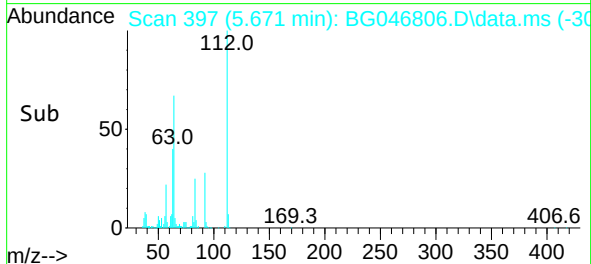
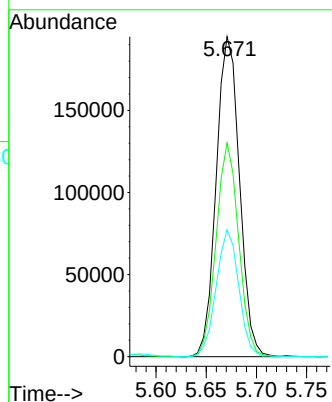
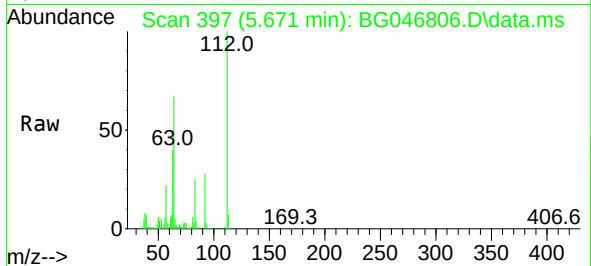




#5
2-Fluorophenol
Concen: 77.76 ng
RT: 5.671 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

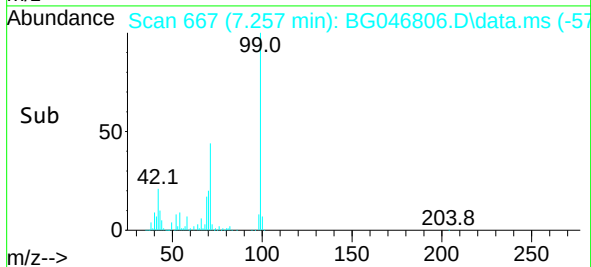
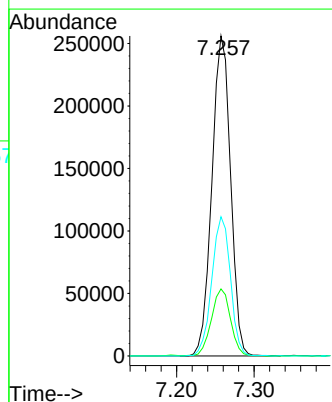
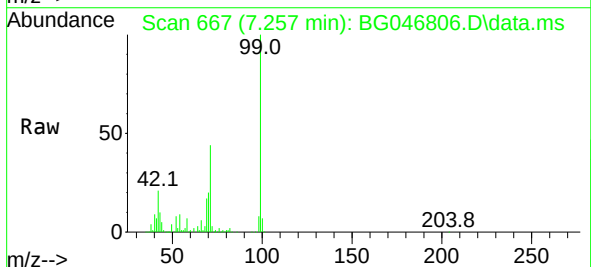
Instrument :
BNA_G
ClientSampleId :
S-2

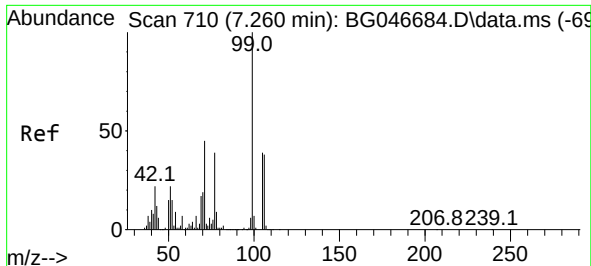
Tgt Ion:112 Resp: 313740
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 39.6 22.8 34.2#



#7
Phenol-d6
Concen: 75.38 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion: 99 Resp: 429005
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 43.5 24.6 36.8#

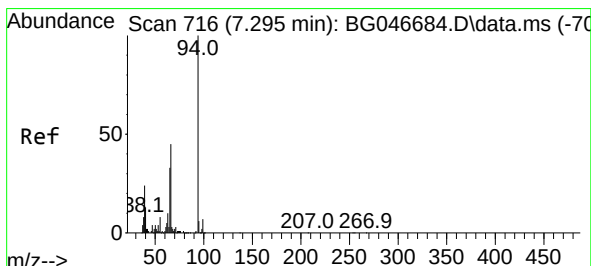
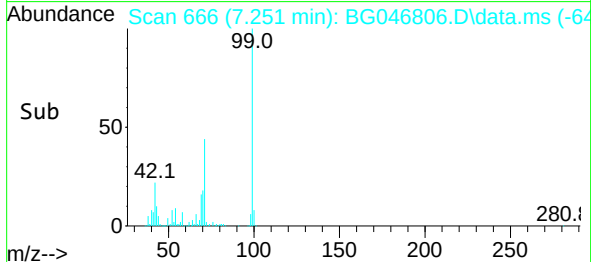
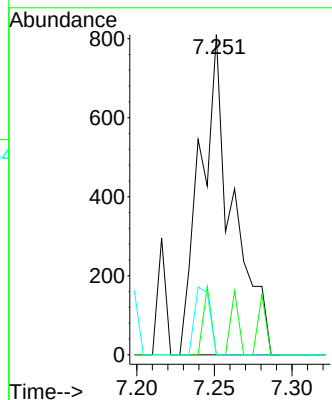
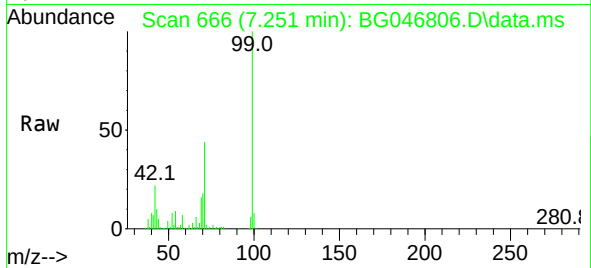




#9
Benzaldehyde
Concen: Below Cal
RT: 7.251 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

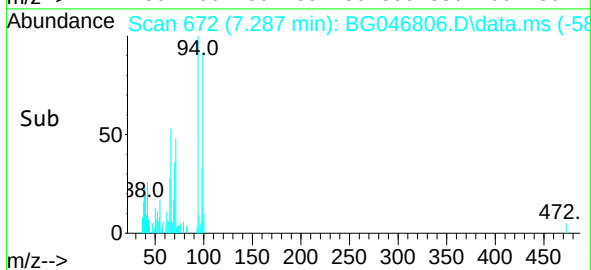
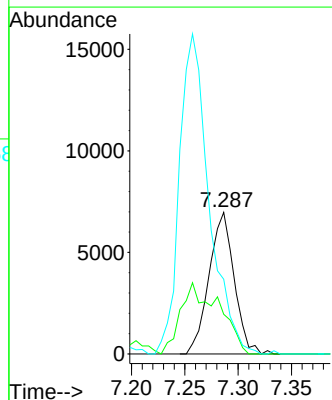
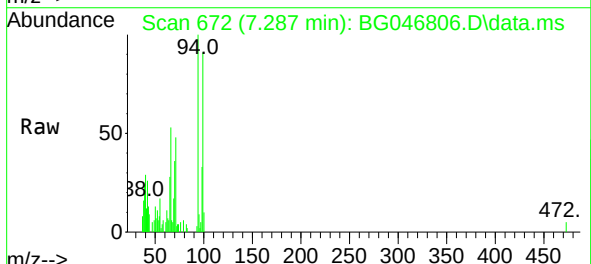
Instrument :
BNA_G
ClientSampled :
S-2

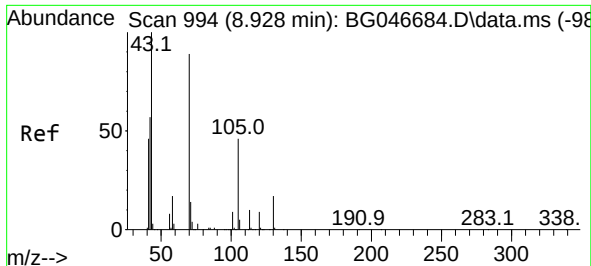
Tgt Ion: 77 Resp: 1167
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#10
Phenol
Concen: 2.02 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

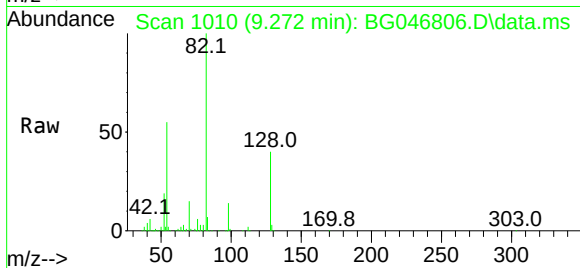
Tgt Ion: 94 Resp: 11448
Ion Ratio Lower Upper
94 100
65 28.0 6.6 46.6
66 52.8 13.9 53.9



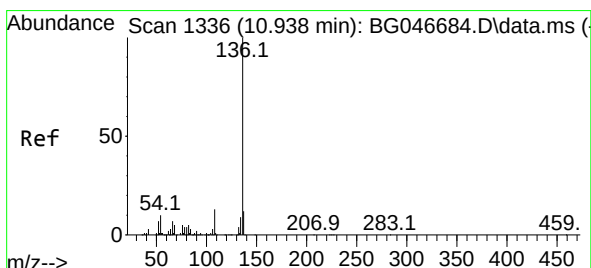
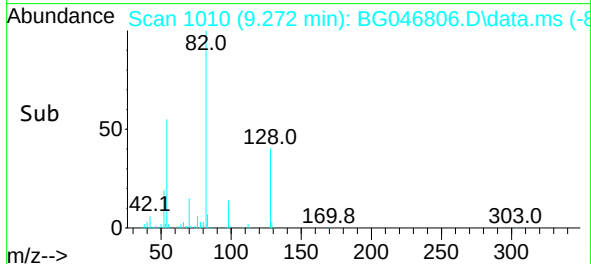
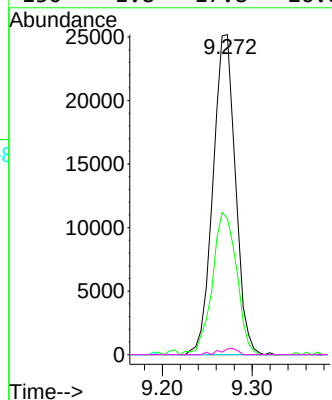


#19
n-Nitroso-di-n-propylamine
Concen: 11.19 ng
RT: 9.272 min Scan# 1010
Delta R.T. 0.360 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Instrument :
BNA_G
ClientSampled :
S-2

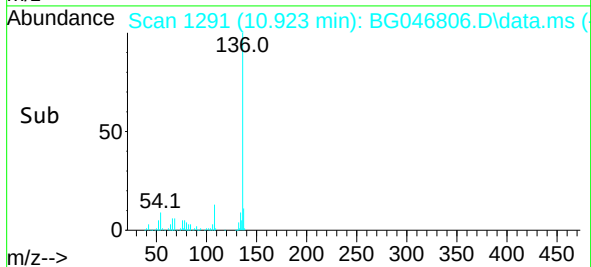
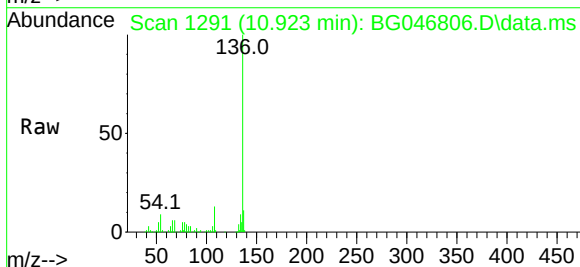
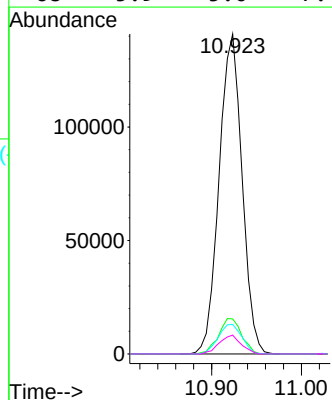


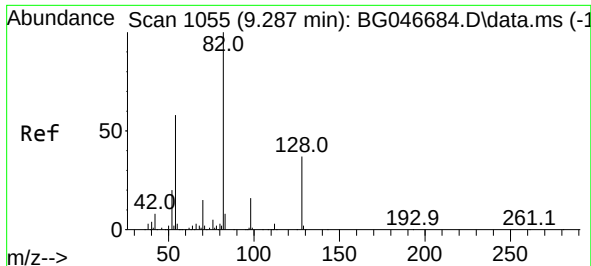
Tgt Ion: 70 Resp: 43688
Ion Ratio Lower Upper
70 100
42 42.5 45.6 68.4#
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion: 136 Resp: 249998
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 6.2 9.4
68 5.9 5.0 7.4

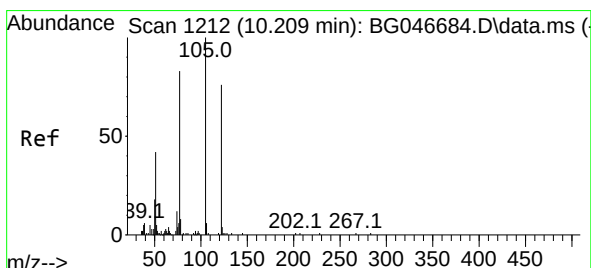
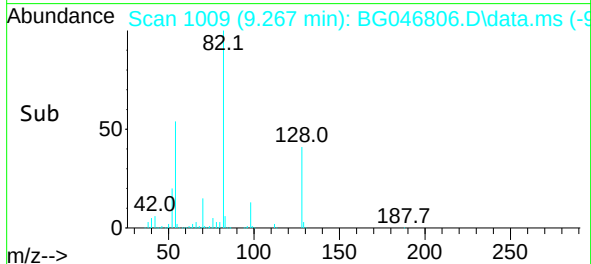
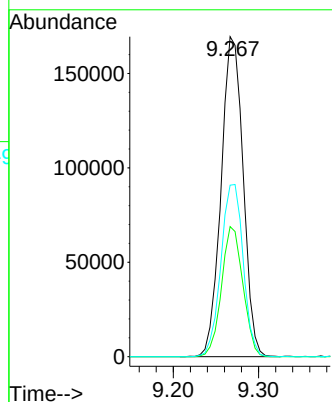
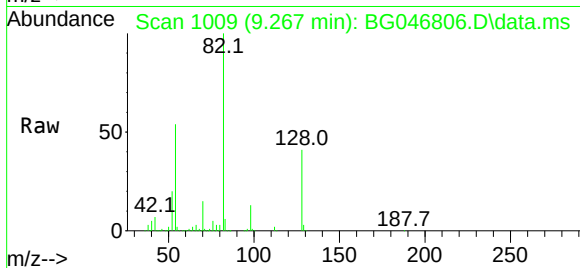




#23
Nitrobenzene-d5
Concen: 64.84 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

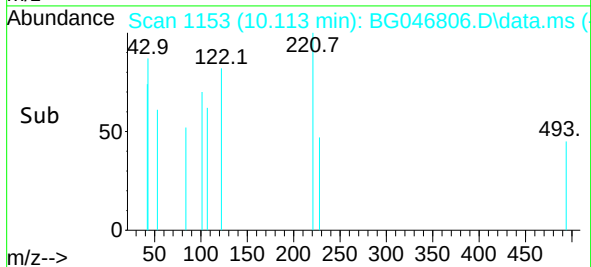
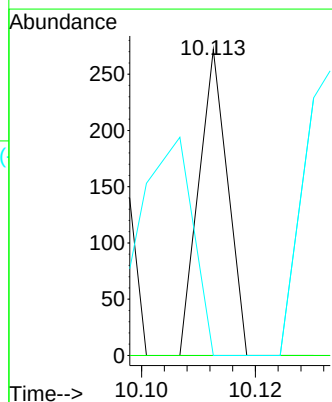
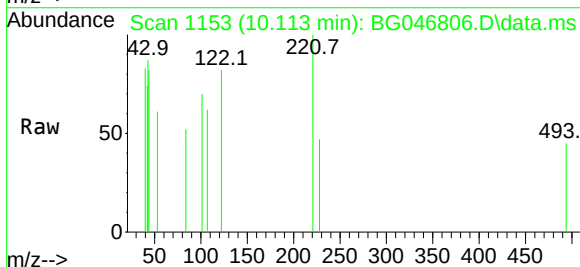
Instrument :
BNA_G
ClientSampled :
S-2

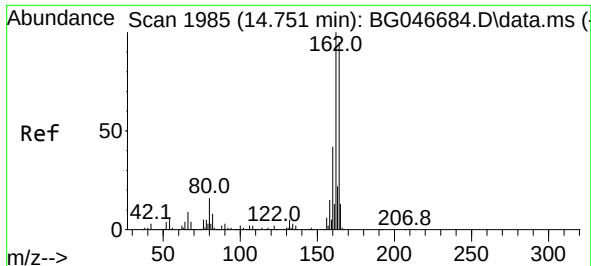
Tgt Ion: 82 Resp: 304709
Ion Ratio Lower Upper
82 100
128 40.7 37.0 55.6
54 53.6 39.0 58.4



#32
Benzoic acid
Concen: 6.38 ng
RT: 10.113 min Scan# 1153
Delta R.T. -0.081 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

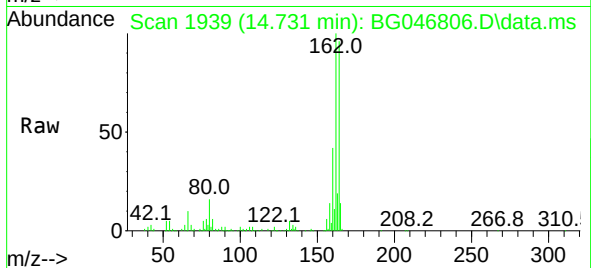
Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



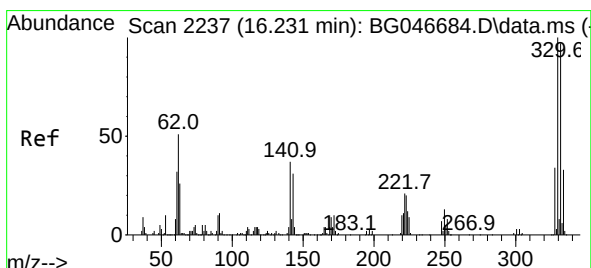
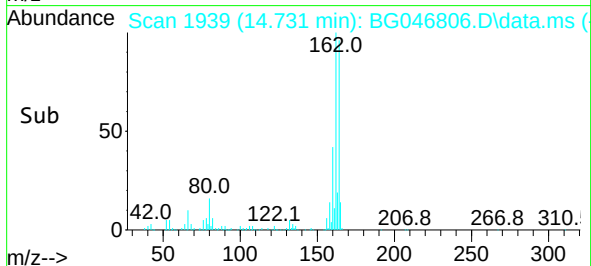
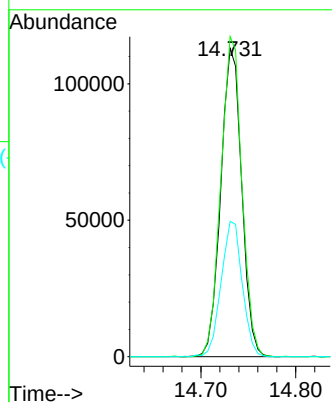


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

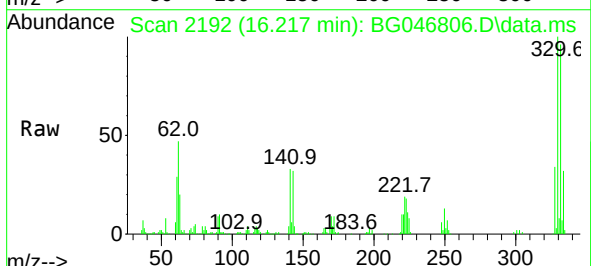
Instrument :
BNA_G
ClientSampled :
S-2



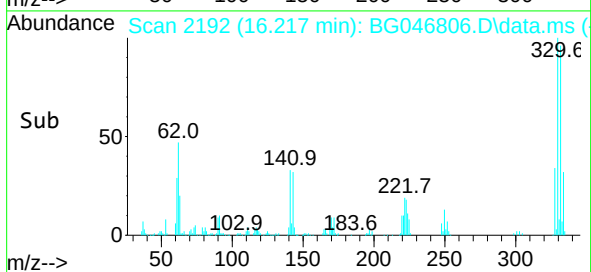
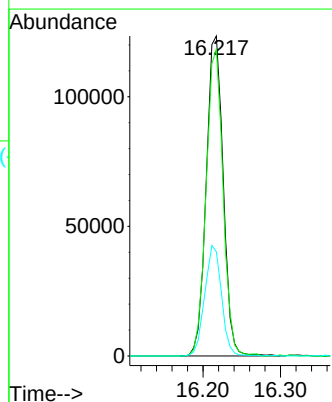
Tgt Ion:164 Resp: 173528
Ion Ratio Lower Upper
164 100
162 103.8 82.3 123.5
160 43.9 35.3 52.9

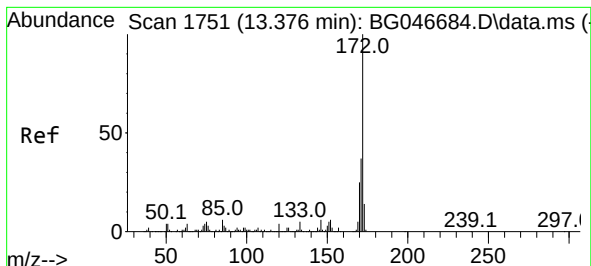


#42
2,4,6-Tribromophenol
Concen: 81.94 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44



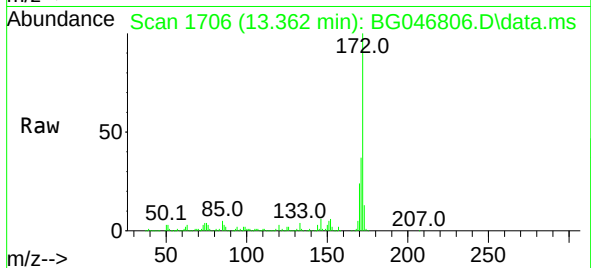
Tgt Ion:330 Resp: 187482
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 34.2 26.0 39.0



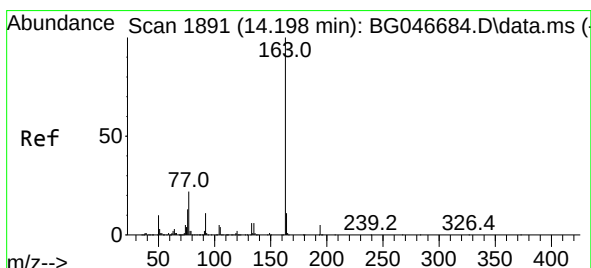
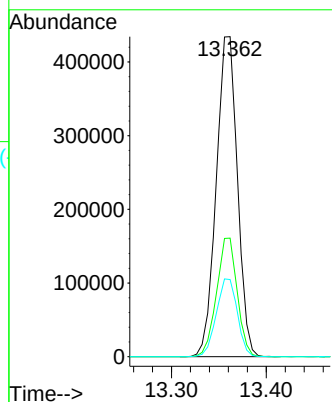
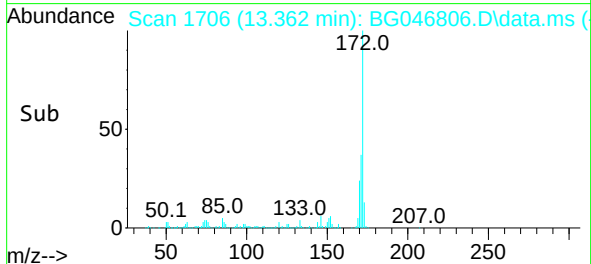


#45
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 13.362 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

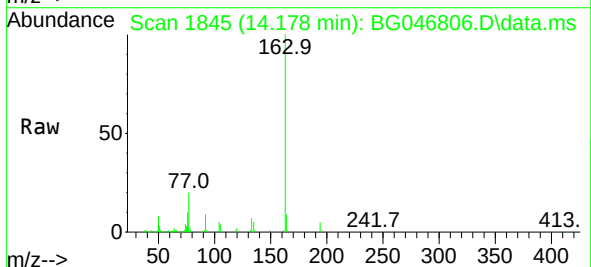
Instrument :
BNA_G
ClientSampled :
S-2



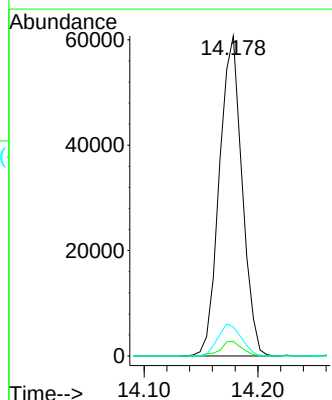
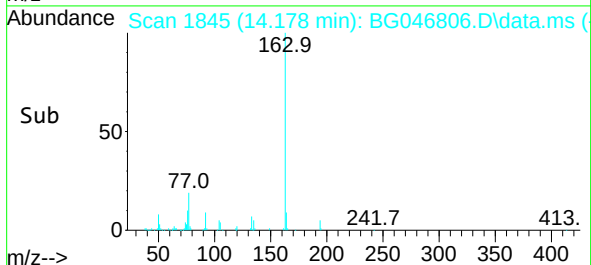
Tgt Ion:172 Resp: 674209
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.1 20.8 31.2

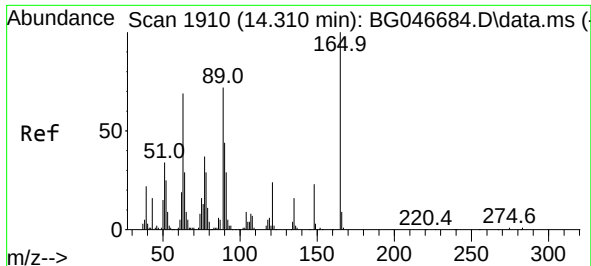


#50
Dimethylphthalate
Concen: 6.08 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44



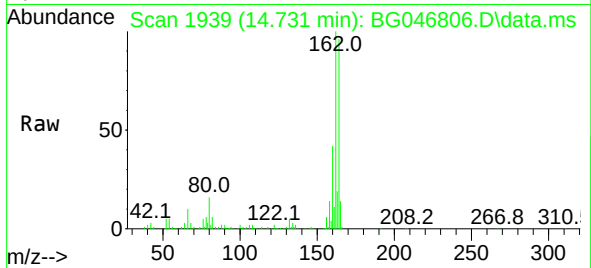
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Ion Ratio Lower Upper
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194 5.2 3.8 5.8
164 9.1 8.8 13.2



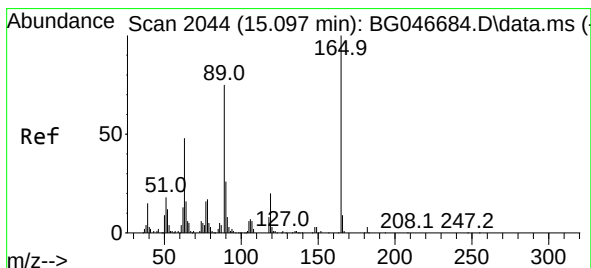
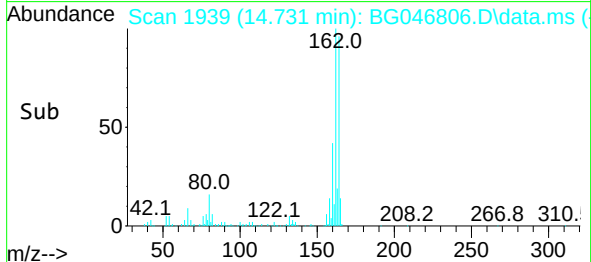
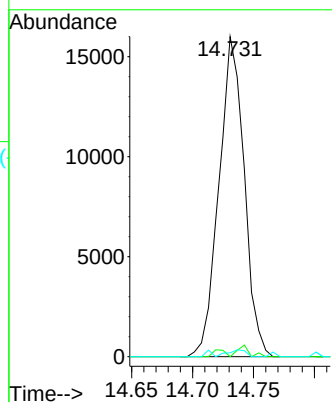


#51
2,6-Dinitrotoluene
Concen: 10.23 ng
RT: 14.731 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Instrument :
BNA_G
ClientSampled :
S-2

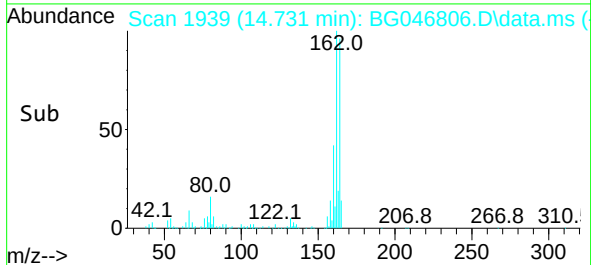
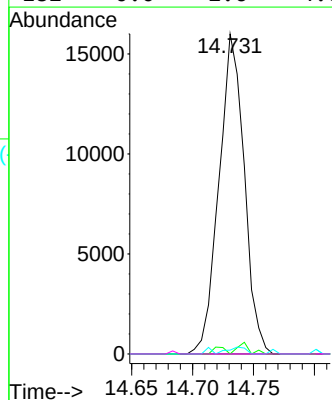
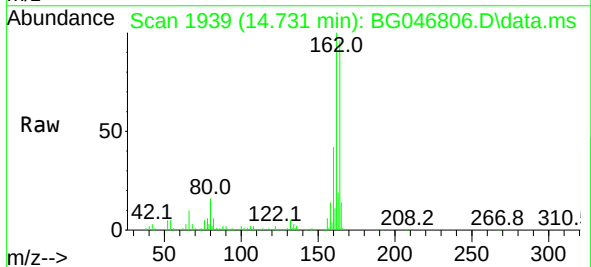


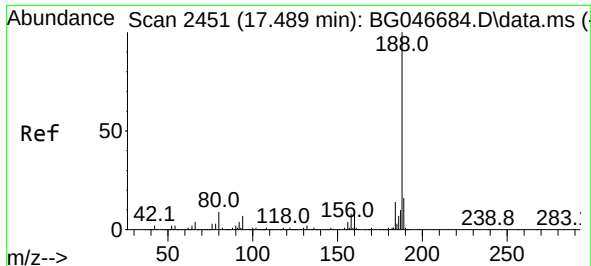
Tgt Ion:165 Resp: 23047
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.2 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.73 ng
RT: 14.731 min Scan# 1939
Delta R.T. -0.351 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion:165 Resp: 23047
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.2 47.8 71.8#
182 0.0 2.6 4.0#

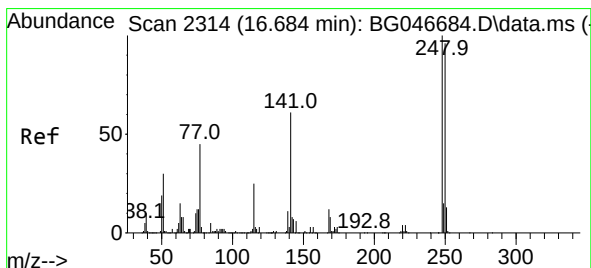
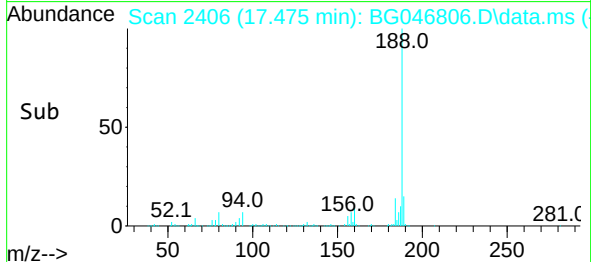
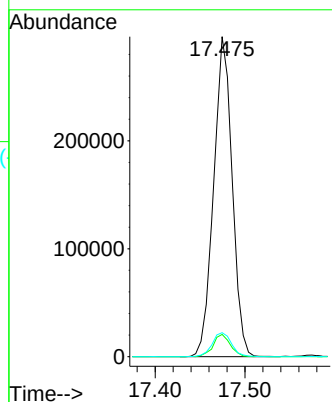
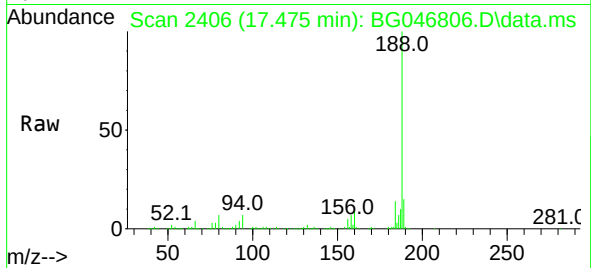




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

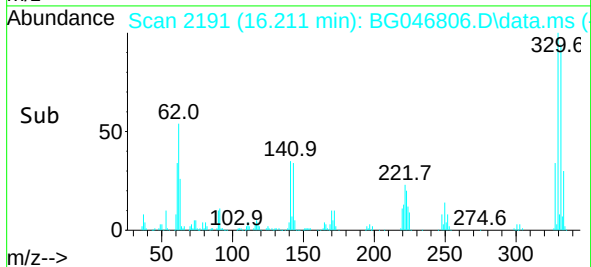
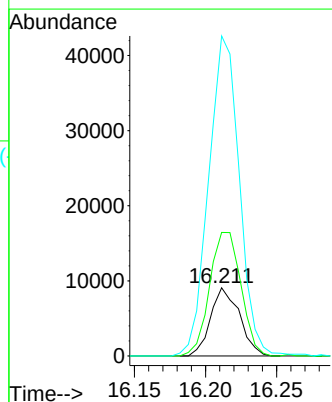
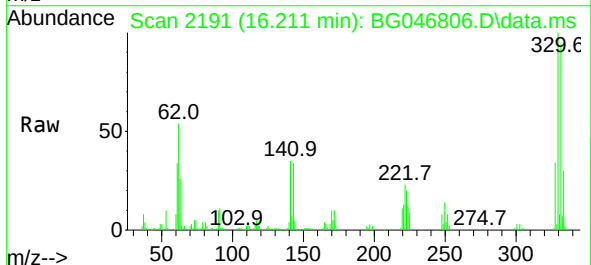
Instrument :
BNA_G
ClientSampled :
S-2

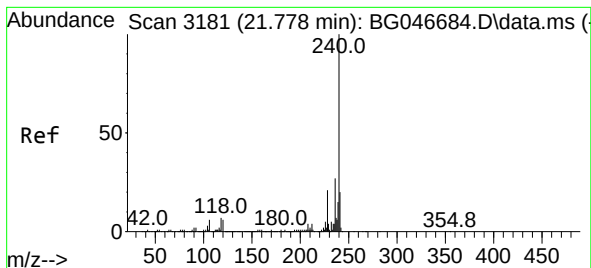
Tgt Ion:188 Resp: 424479
Ion Ratio Lower Upper
188 100
94 7.0 6.3 9.5
80 7.5 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.40 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.451 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion:248 Resp: 12858
Ion Ratio Lower Upper
248 100
250 168.8 78.9 118.3#
141 338.4 46.2 69.4#

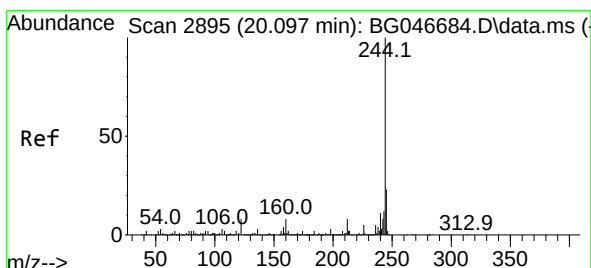
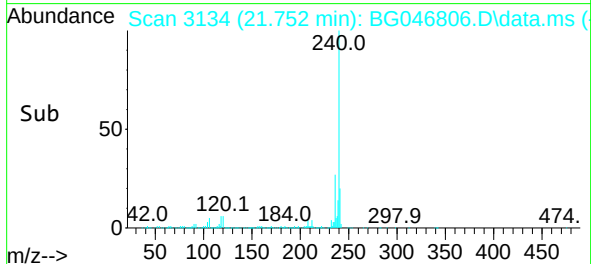
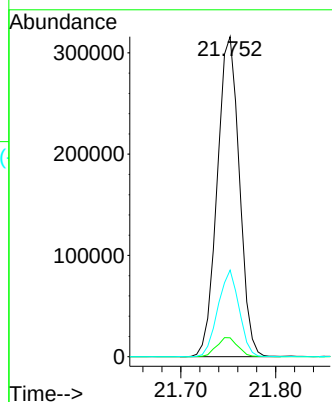
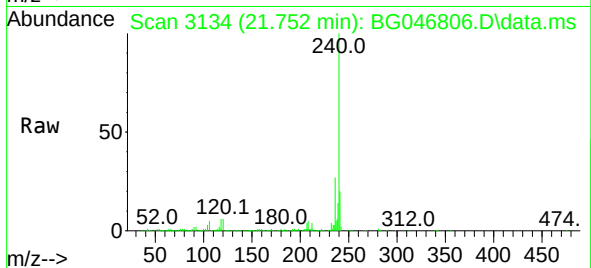




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.752 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

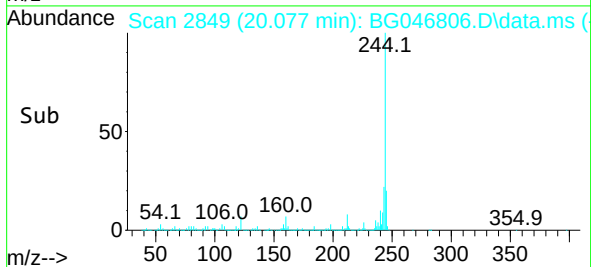
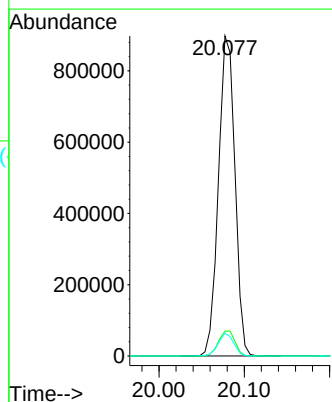
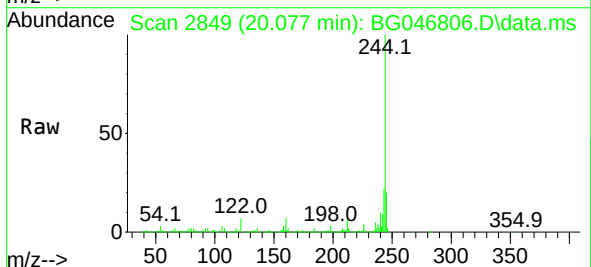
Instrument :
BNA_G
ClientSampled :
S-2

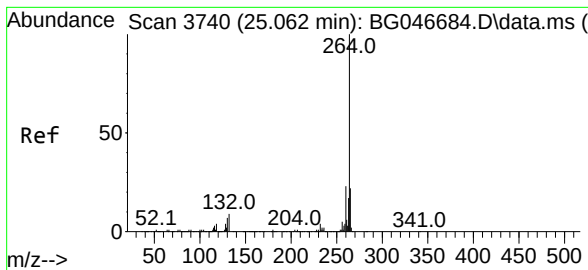
Tgt Ion:240 Resp: 512881
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 27.1 20.5 30.7



#79
Terphenyl-d14
Concen: 47.20 ng
RT: 20.077 min Scan# 2849
Delta R.T. -0.005 min
Lab File: BG046806.D
Acq: 7 Oct 2020 17:44

Tgt Ion:244 Resp: 1207887
Ion Ratio Lower Upper
244 100
212 7.7 6.7 10.1
122 7.1 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.025 min Scan# 3691
 Delta R.T. -0.005 min
 Lab File: BG046806.D
 Acq: 7 Oct 2020 17:44

Instrument :
 BNA_G
 ClientSampleId :
 S-2

Tgt Ion:264 Resp: 531491
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.0 17.8 26.8

