

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046868.D
 Acq On : 13 Oct 2020 8:34
 Operator : CG/JU
 Sample : L4318-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 214

Quant Time: Oct 13 11:06:11 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)

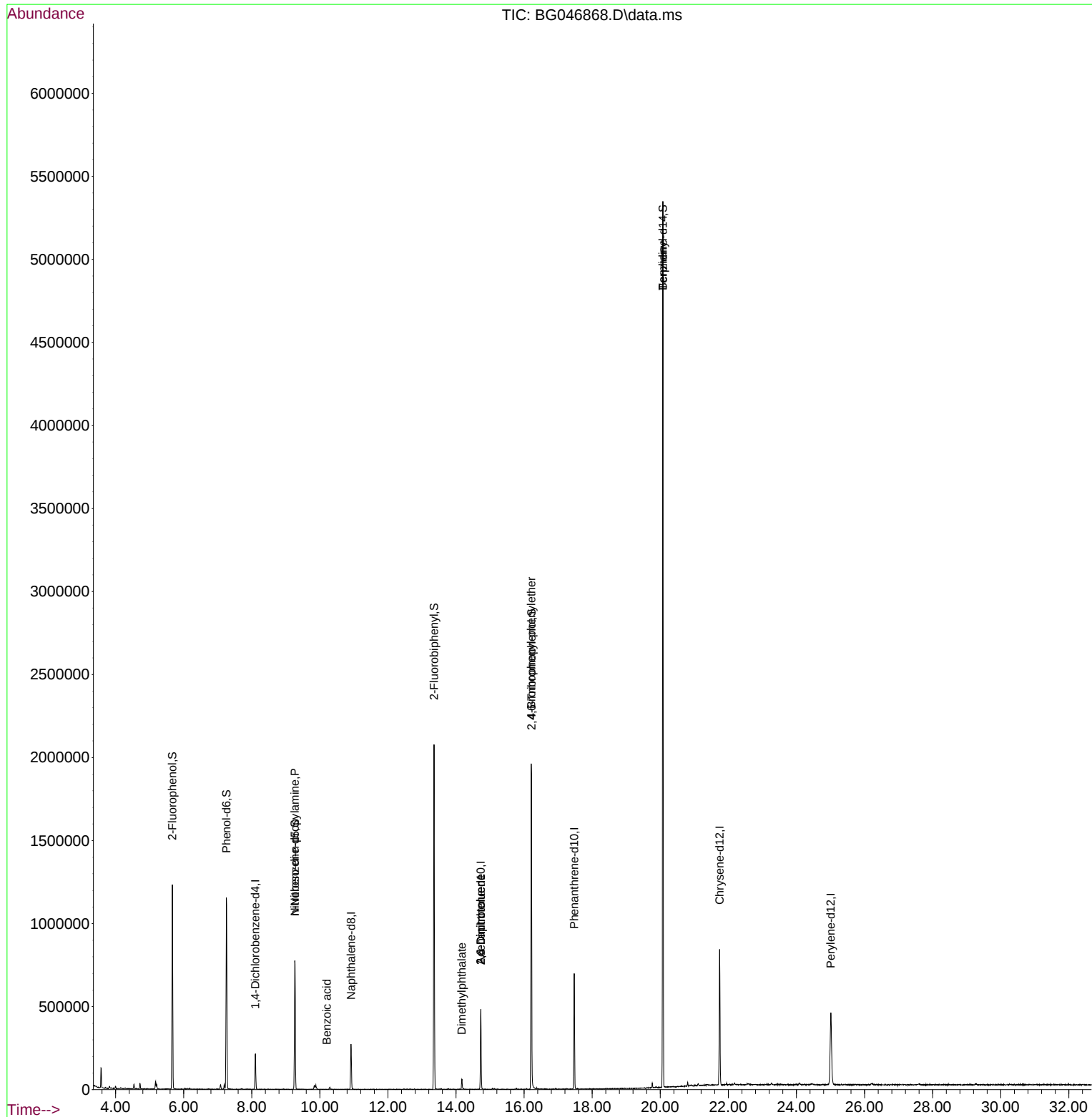
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	56367	20.00	ng	0.00
21) Naphthalene-d8	10.915	136	225694	20.00	ng	0.00
39) Acenaphthene-d10	14.728	164	165404	20.00	ng	0.00
64) Phenanthrene-d10	17.472	188	461302	20.00	ng	# 0.00
76) Chrysene-d12	21.743	240	518041	20.00	ng	#-0.01
86) Perylene-d12	25.010	264	501319	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	492610	140.01	ng	0.00
7) Phenol-d6	7.254	99	621872	125.30	ng	0.00
23) Nitrobenzene-d5	9.264	82	463495	109.25	ng	0.00
42) 2,4,6-Tribromophenol	16.215	330	404107	185.29	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	1085866	92.94	ng	0.00
79) Terphenyl-d14	20.075	244	2208154	85.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.260	77	1244	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.264	70	68226	20.05	ng	# 75
32) Benzoic acid	10.204	122	102	6.38	ng	# 1
50) Dimethylphthalate	14.170	163	44859	3.40	ng	# 96
51) 2,6-Dinitrotoluene	14.728	165	21144	9.85	ng	# 34
57) 2,4-Dinitrotoluene	14.728	165	21144	7.44	ng	# 32
67) 4-Bromophenyl-phenylether	16.209	248	27156	4.66	ng	# 1
77) Benzidine	20.075	184	39683	2.49	ng	99

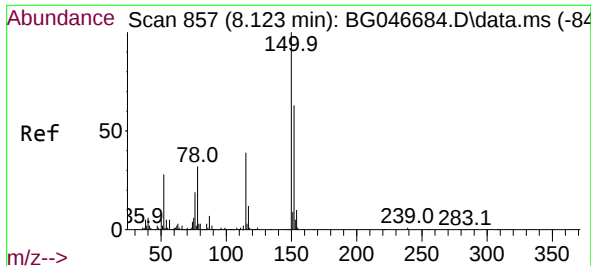
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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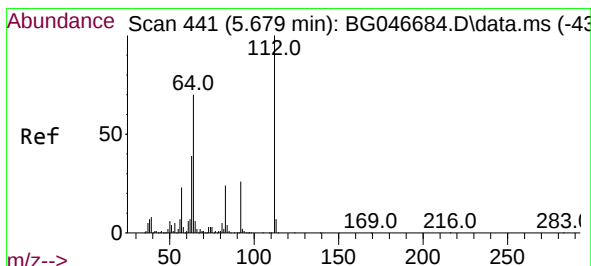
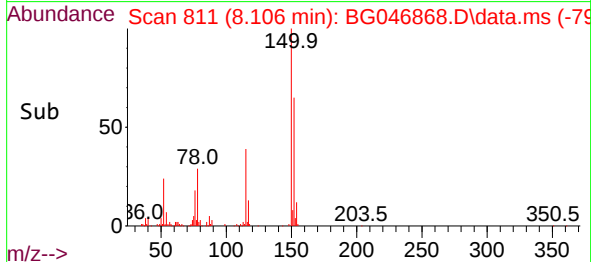
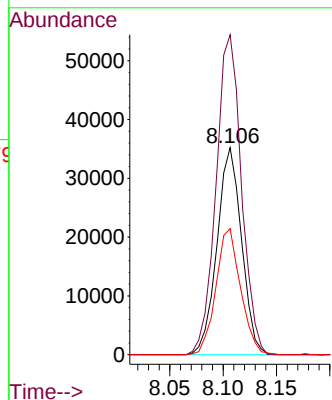
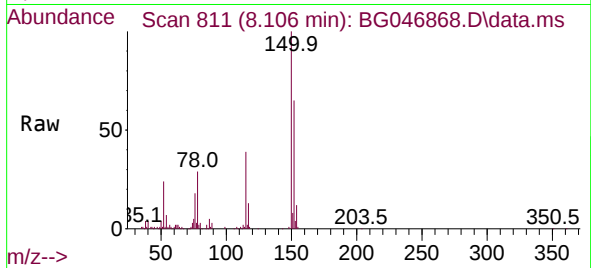




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

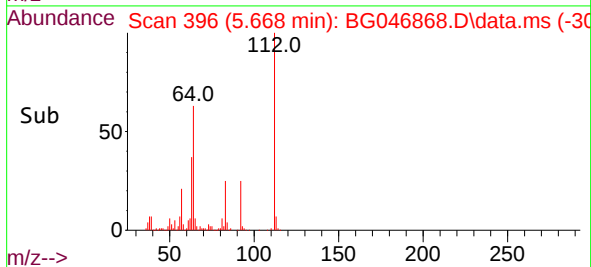
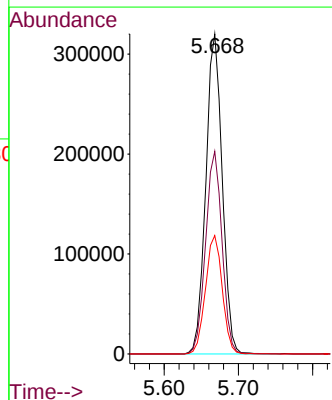
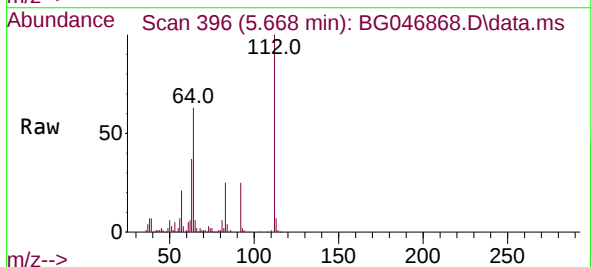
Instrument :
BNA_G
ClientSampleId :
214

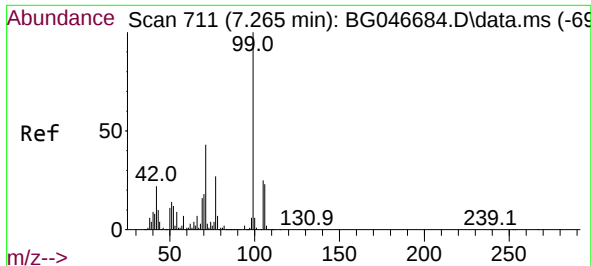
Tgt Ion:152 Resp: 56367
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.6
115 60.9 41.8 62.6



#5
2-Fluorophenol
Concen: 140.01 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.001 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Tgt Ion:112 Resp: 492610
Ion Ratio Lower Upper
112 100
64 63.3 46.7 70.1
63 37.0 22.8 34.2#

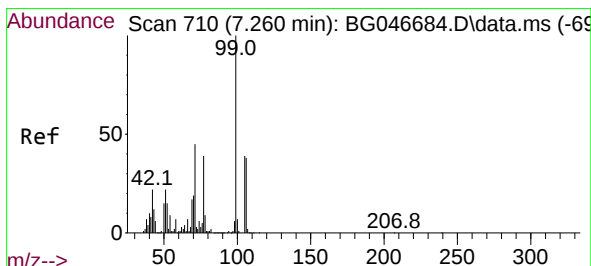
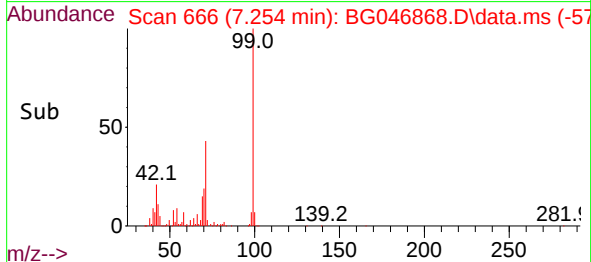
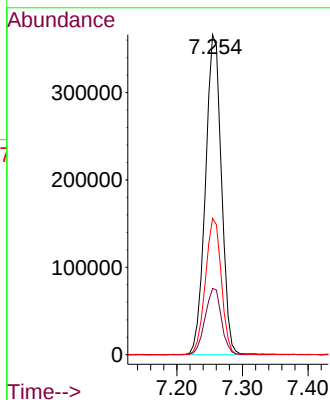
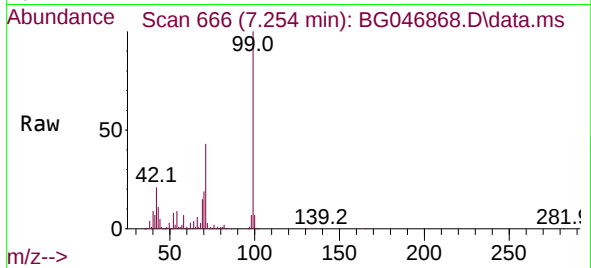




#7
Phenol-d6
Concen: 125.30 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

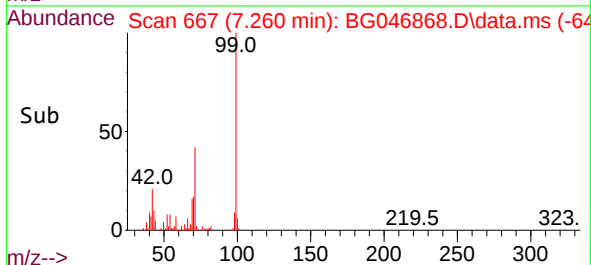
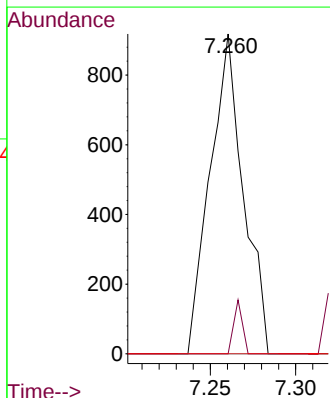
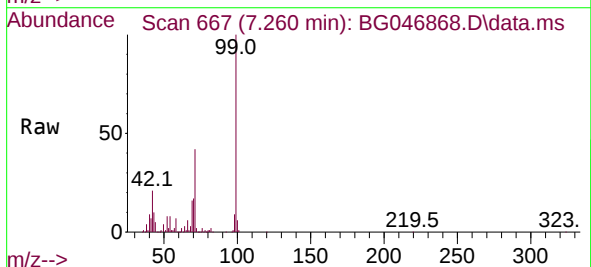
Instrument :
BNA_G
ClientSampleId :
214

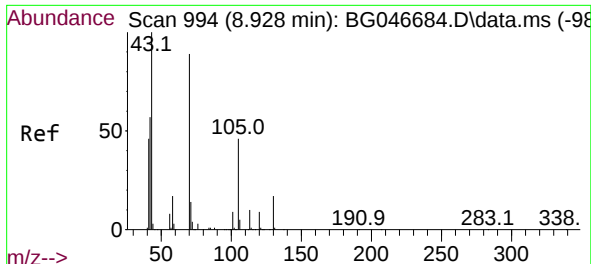
Tgt Ion: 99 Resp: 621872
Ion Ratio Lower Upper
99 100
42 20.7 12.8 19.2#
71 42.6 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.260 min Scan# 667
Delta R.T. 0.016 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

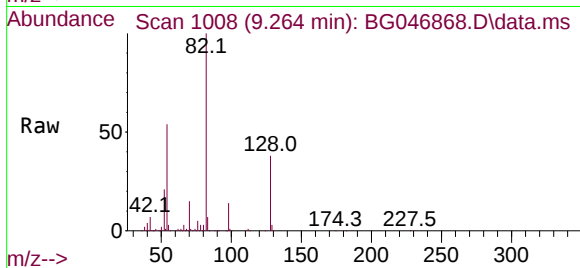
Tgt Ion: 77 Resp: 1244
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



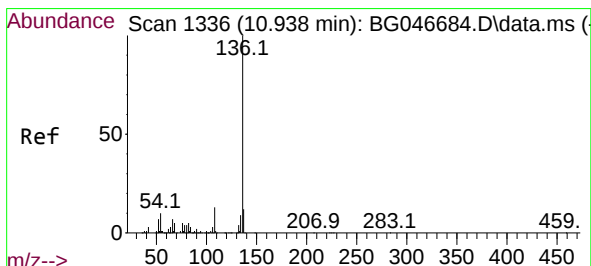
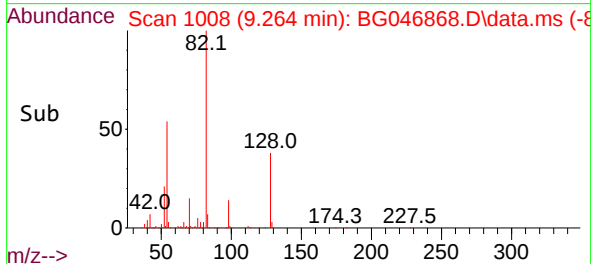
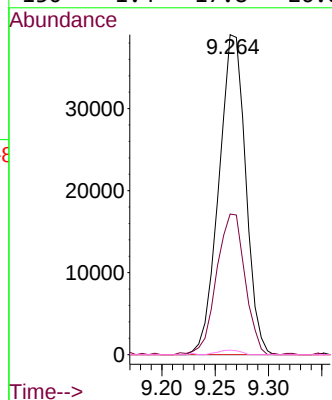


#19
n-Nitroso-di-n-propylamine
Concen: 20.05 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.351 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Instrument :
BNA_G
ClientSampled :
214

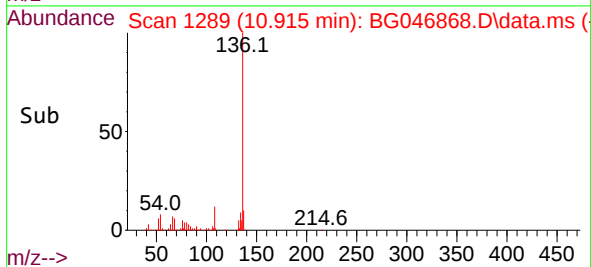
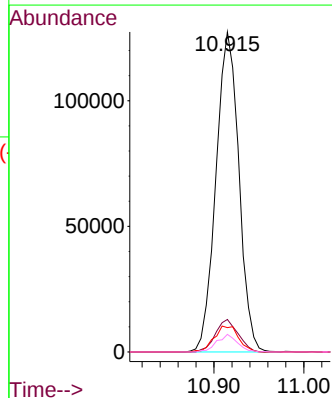
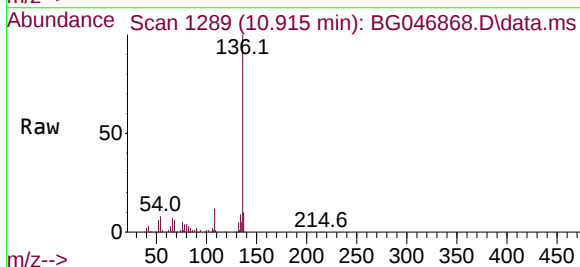


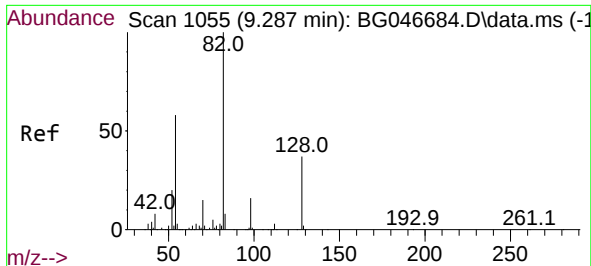
Tgt Ion: 70 Resp: 68226
Ion Ratio Lower Upper
70 100
42 44.0 45.6 68.4#
101 0.0 8.4 12.6#
130 1.4 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.915 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Tgt Ion:136 Resp: 225694
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 7.6 6.2 9.4
68 5.5 5.0 7.4

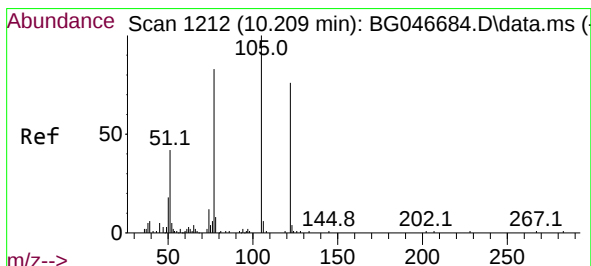
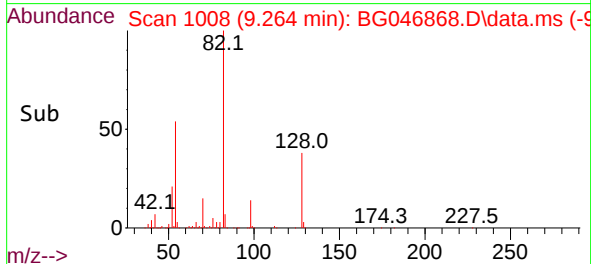
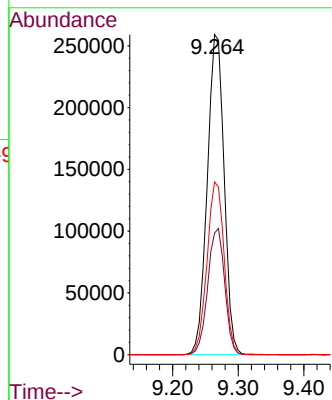
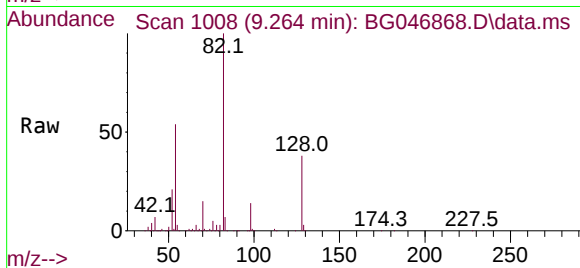




#23
Nitrobenzene-d5
Concen: 109.25 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

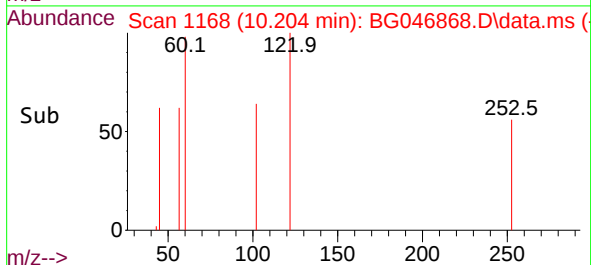
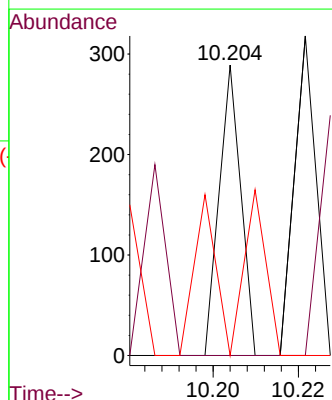
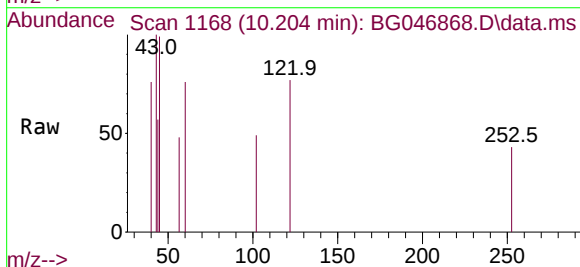
Instrument :
BNA_G
ClientSampled :
214

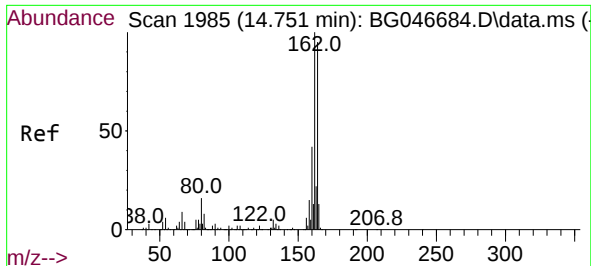
Tgt Ion: 82 Resp: 463495
Ion Ratio Lower Upper
82 100
128 38.0 37.0 55.6
54 54.0 39.0 58.4



#32
Benzoic acid
Concen: 6.38 ng
RT: 10.204 min Scan# 1168
Delta R.T. 0.010 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Tgt Ion:122 Resp: 102
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

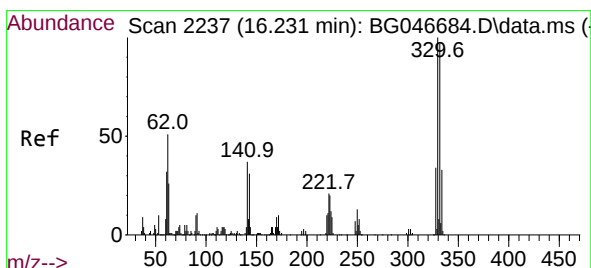
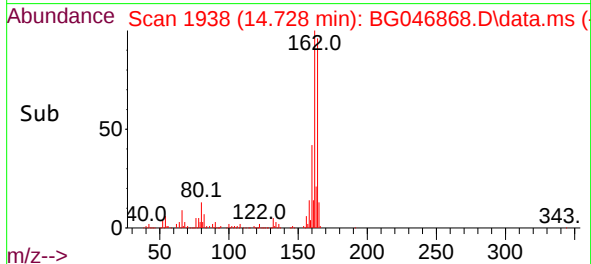
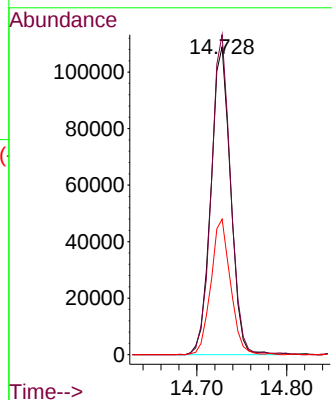
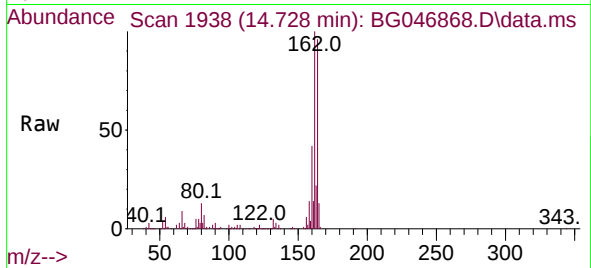




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

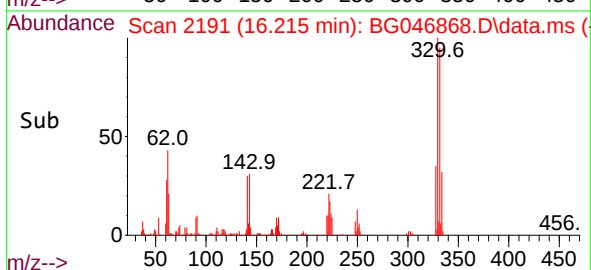
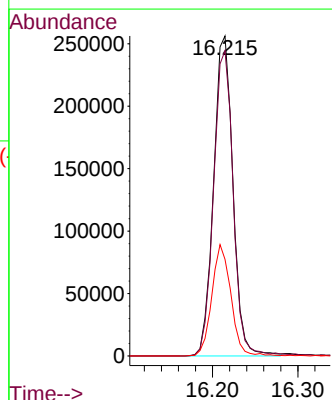
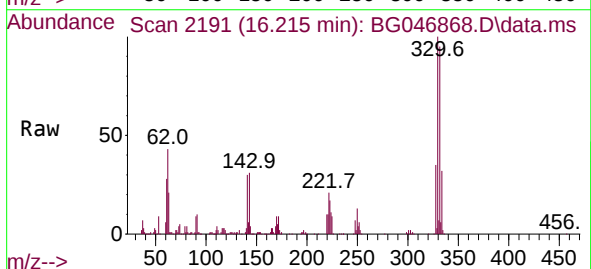
Instrument :
BNA_G
ClientSampleId :
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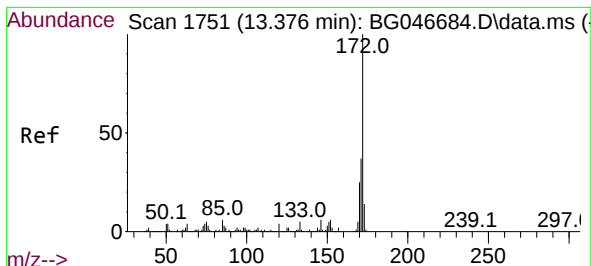
Tgt Ion:164 Resp: 165404
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 185.29 ng
RT: 16.215 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

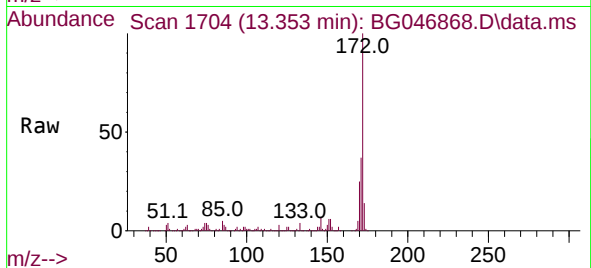
Tgt Ion:330 Resp: 404107
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 34.3 26.0 39.0



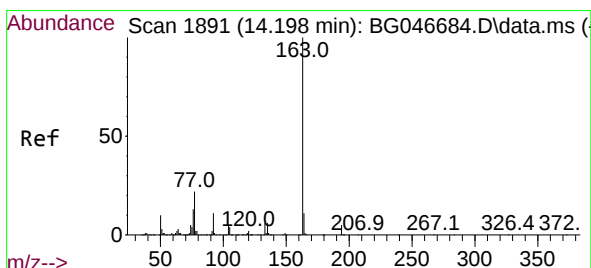
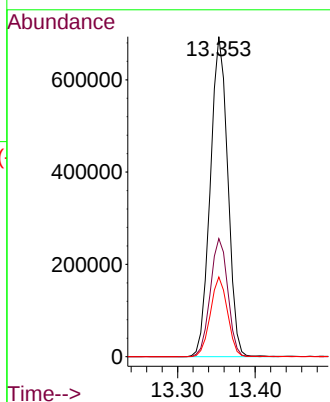
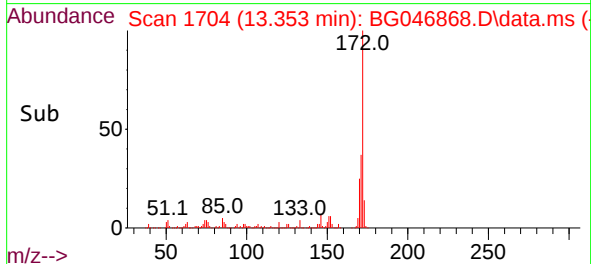


#45
2-Fluorobiphenyl
Concen: 92.94 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

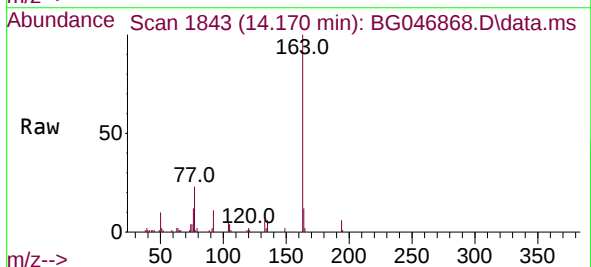
Instrument :
BNA_G
ClientSampled :
214



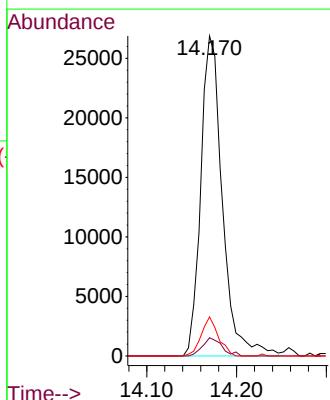
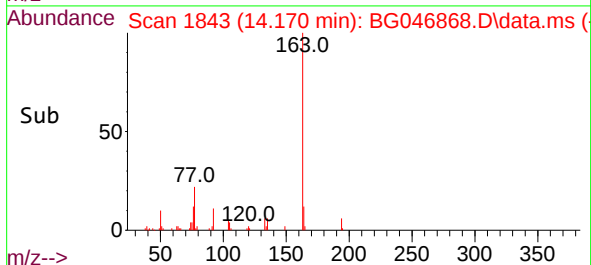
Tgt Ion:172 Resp: 1085866
Ion Ratio Lower Upper
172 100
171 36.9 31.3 46.9
170 24.9 20.8 31.2

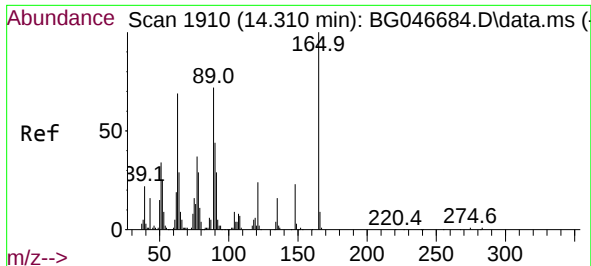


#50
Dimethylphthalate
Concen: 3.40 ng
RT: 14.170 min Scan# 1843
Delta R.T. -0.013 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34



Tgt Ion:163 Resp: 44859
Ion Ratio Lower Upper
163 100
194 6.4 3.8 5.8#
164 12.2 8.8 13.2

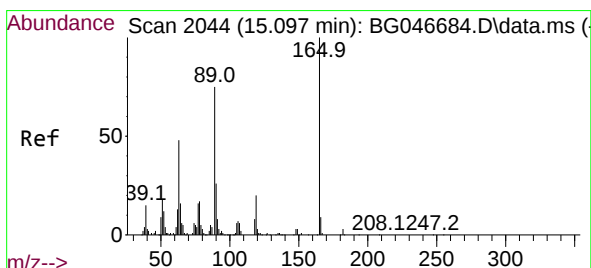
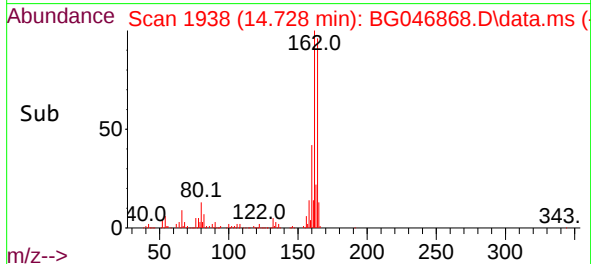
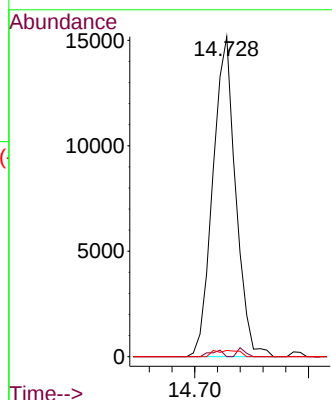
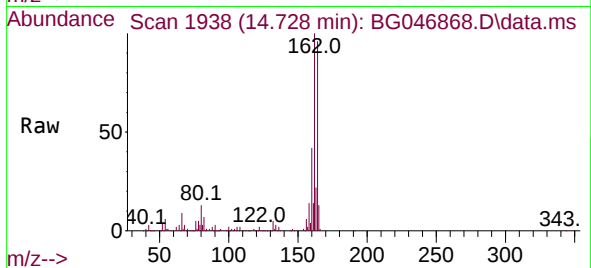




#51
2,6-Dinitrotoluene
Concen: 9.85 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.428 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

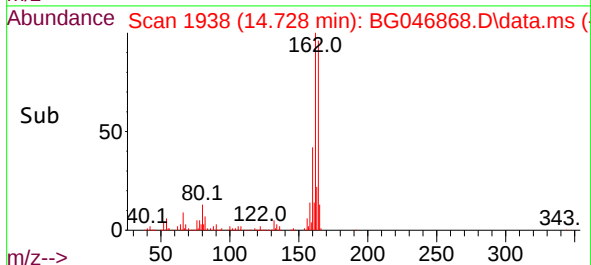
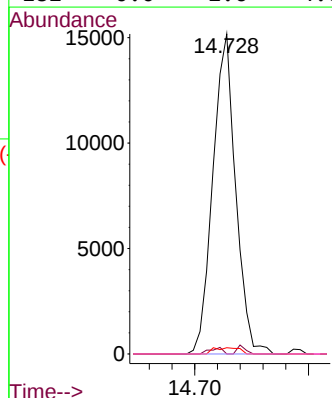
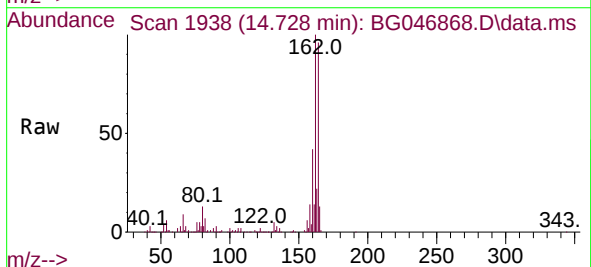
Instrument :
BNA_G
ClientSampled :
214

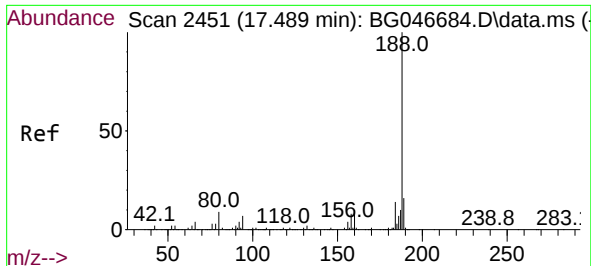
Tgt Ion:165 Resp: 21144
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 1.9 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.44 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.354 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

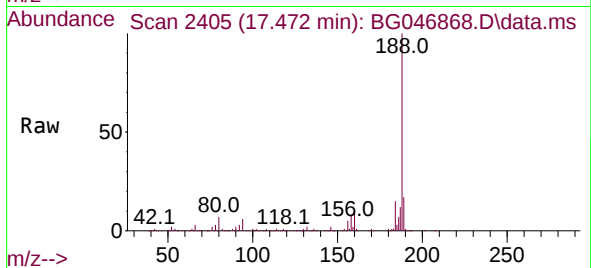
Tgt Ion:165 Resp: 21144
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



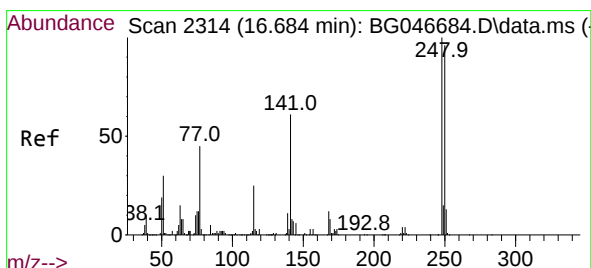
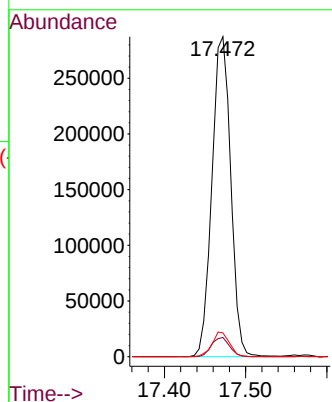
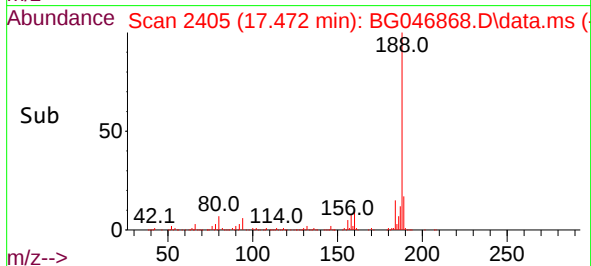


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.472 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

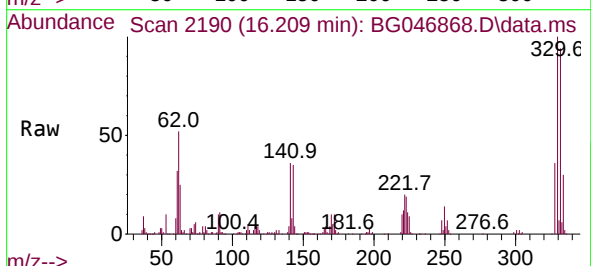
Instrument :
BNA_G
ClientSampled :
214



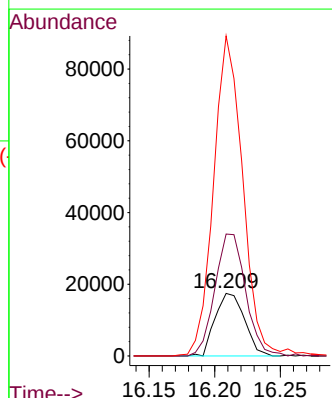
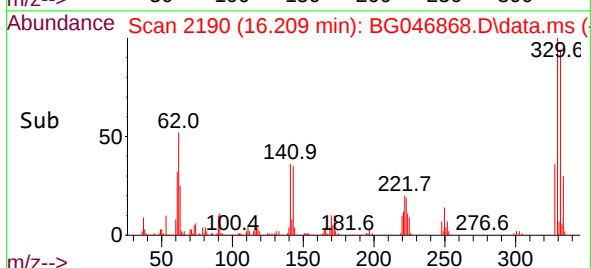
Tgt Ion:188 Resp: 461302
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.5 7.0 10.6

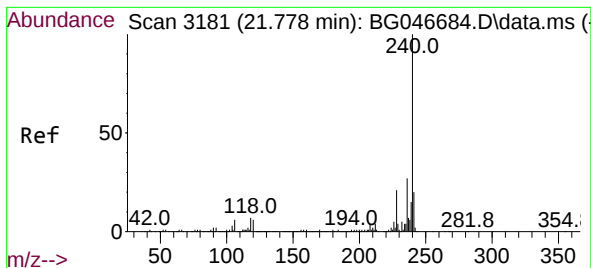


#67
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 16.209 min Scan# 2190
Delta R.T. -0.454 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34



Tgt Ion:248 Resp: 27156
Ion Ratio Lower Upper
248 100
250 251.5 78.9 118.3#
141 511.0 46.2 69.4#

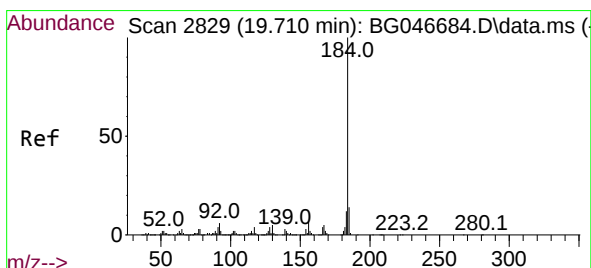
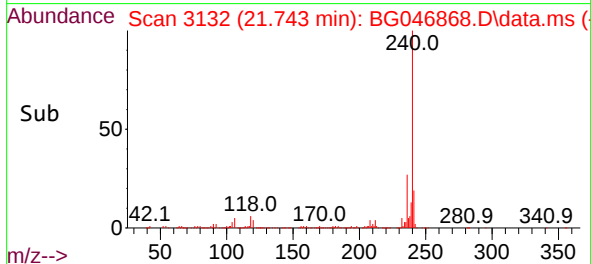
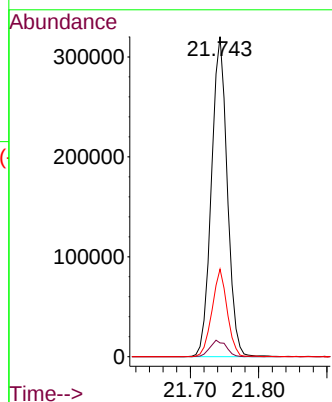
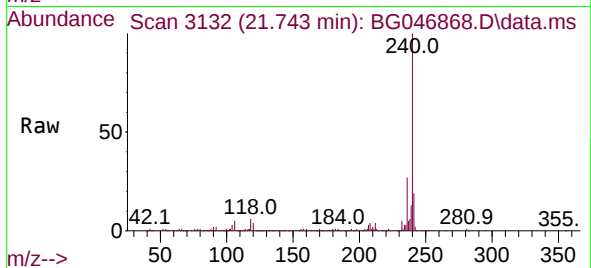




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

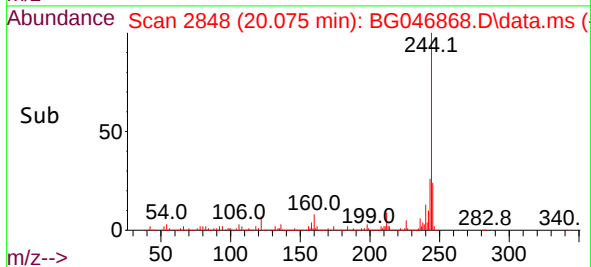
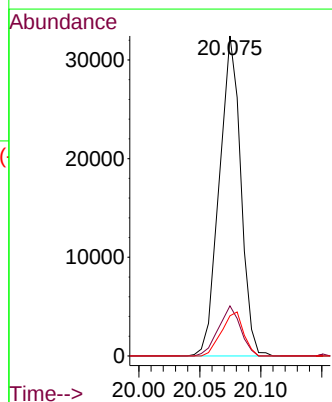
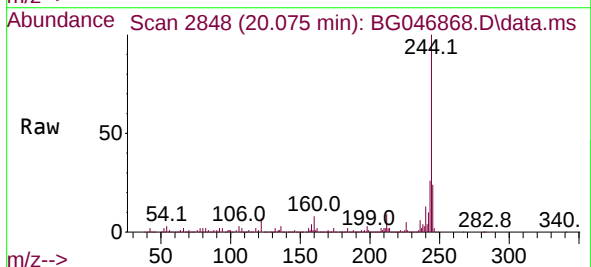
Instrument :
BNA_G
ClientSampled :
214

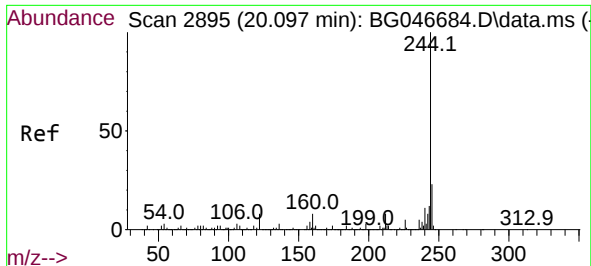
Tgt Ion:240 Resp: 518041
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 27.4 20.5 30.7



#77
Benzidine
Concen: 2.49 ng
RT: 20.075 min Scan# 2848
Delta R.T. 0.375 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Tgt Ion:184 Resp: 39683
Ion Ratio Lower Upper
184 100
185 15.7 12.4 18.6
183 12.5 10.6 15.8

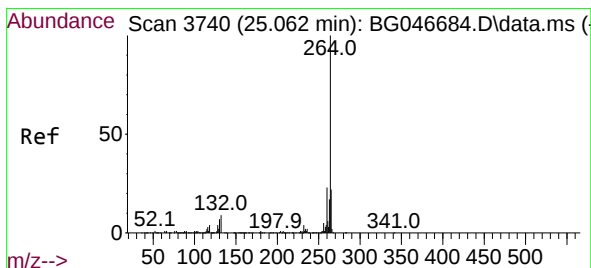
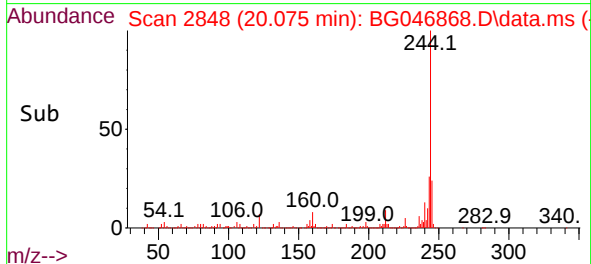
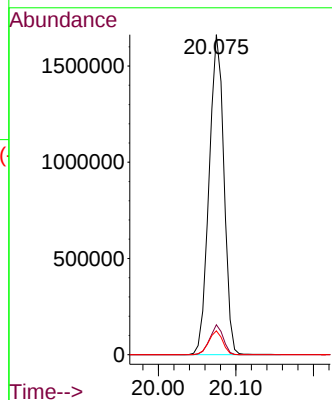
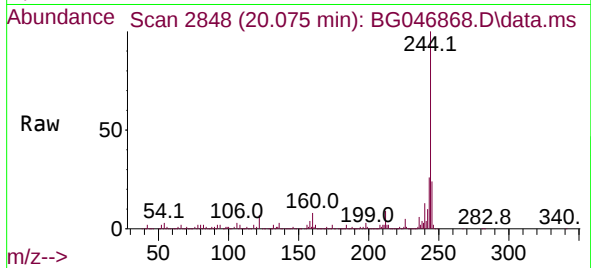




#79
Terphenyl-d14
Concen: 85.43 ng
RT: 20.075 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Instrument :
BNA_G
ClientSampleId :
214

Tgt Ion:244 Resp: 2208154
Ion Ratio Lower Upper
244 100
212 9.4 6.7 10.1
122 7.5 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.010 min Scan# 3688
Delta R.T. -0.019 min
Lab File: BG046868.D
Acq: 13 Oct 2020 8:34

Tgt Ion:264 Resp: 501319
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.0 17.8 26.8

