

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046815.D
 Acq On : 8 Oct 2020 14:47
 Operator : CG/JU
 Sample : L4293-02
 Misc : 8270 SPIKE 50/100ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-DUP-1

Quant Time: Oct 08 15:27:07 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)

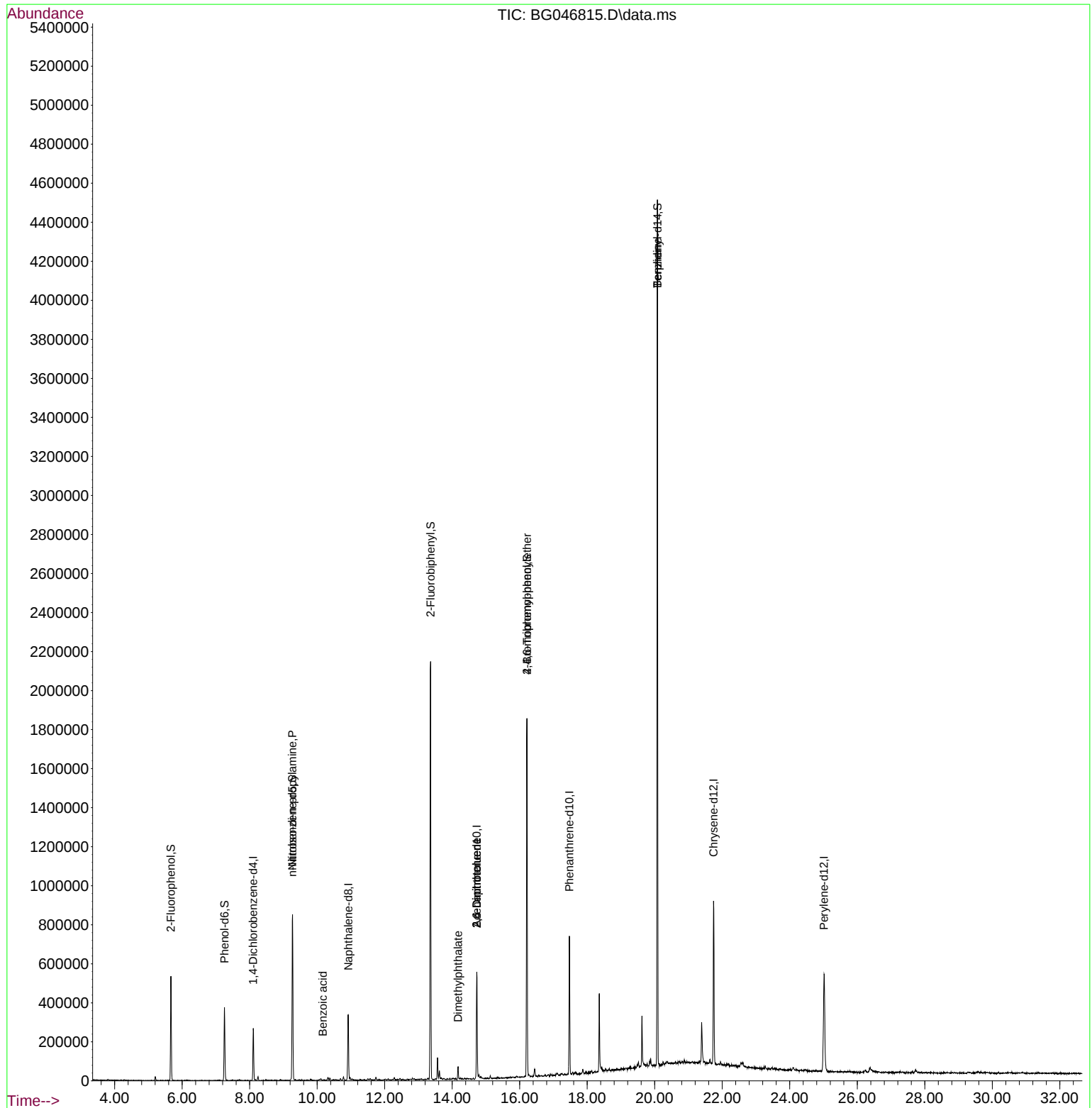
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	71546	20.00	ng	0.00
21) Naphthalene-d8	10.921	136	278971	20.00	ng	0.00
39) Acenaphthene-d10	14.728	164	190141	20.00	ng	0.00
64) Phenanthrene-d10	17.472	188	442455	20.00	ng	0.00
76) Chrysene-d12	21.743	240	534771	20.00	ng	#-0.01
86) Perylene-d12	25.016	264	571679	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	218693	48.97	ng	0.00
7) Phenol-d6	7.254	99	205840	32.68	ng	0.00
23) Nitrobenzene-d5	9.270	82	501543	95.64	ng	0.00
42) 2,4,6-Tribromophenol	16.215	330	369159	147.24	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	1134637	84.48	ng	0.00
79) Terphenyl-d14	20.081	244	1919170	71.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.249	77	527	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	9.264	70	72376	16.75	ng	# 75
32) Benzoic acid	10.169	122	169	6.39	ng	# 1
50) Dimethylphthalate	14.176	163	43880	2.89	ng	# 97
51) 2,6-Dinitrotoluene	14.728	165	26462	10.72	ng	# 35
57) 2,4-Dinitrotoluene	14.728	165	26462	8.10	ng	# 33
67) 4-Bromophenyl-phenylether	16.215	248	24836	4.44	ng	# 1
77) Benzidine	20.081	184	35252	2.14	ng	# 90

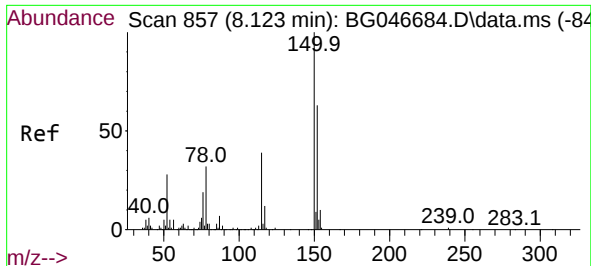
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046815.D
Acq On : 8 Oct 2020 14:47
Operator : CG/JU
Sample : L4293-02
Misc : 8270 SPIKE 50/100ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

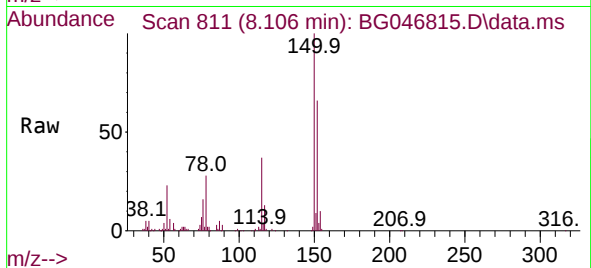
Quant Time: Oct 08 15:27:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration



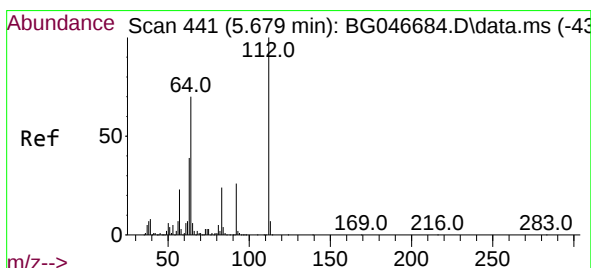
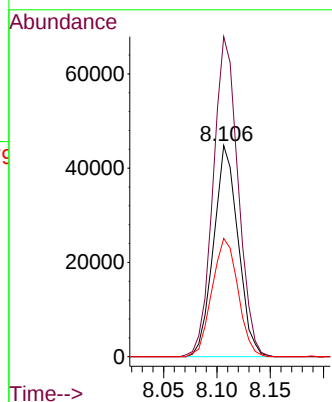
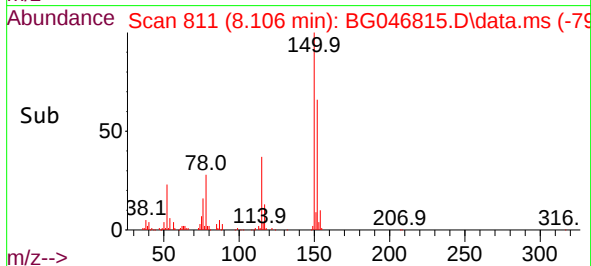


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

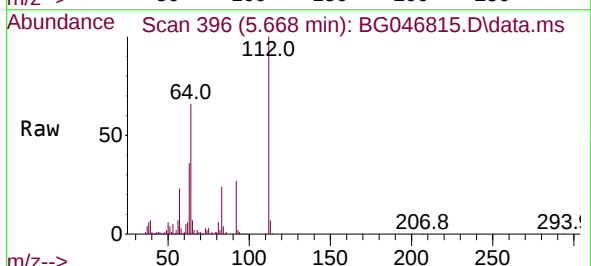
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1



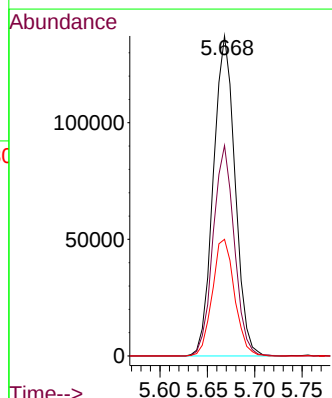
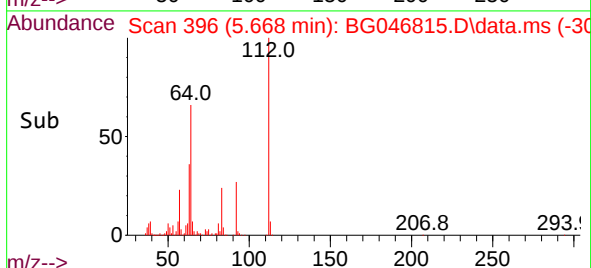
Tgt Ion:152 Resp: 71546
Ion Ratio Lower Upper
152 100
150 151.6 125.0 187.6
115 56.0 41.8 62.6

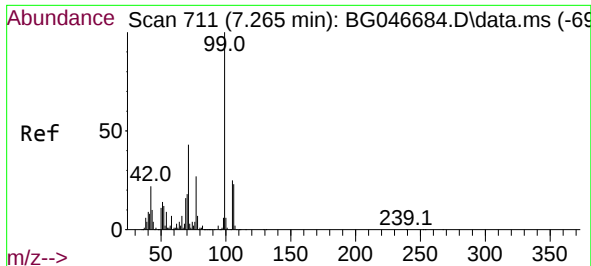


#5
2-Fluorophenol
Concen: 48.97 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47



Tgt Ion:112 Resp: 218693
Ion Ratio Lower Upper
112 100
64 65.7 46.7 70.1
63 36.4 22.8 34.2#

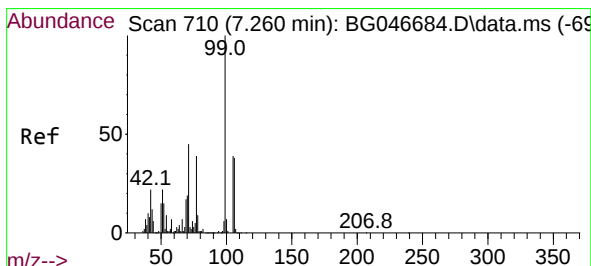
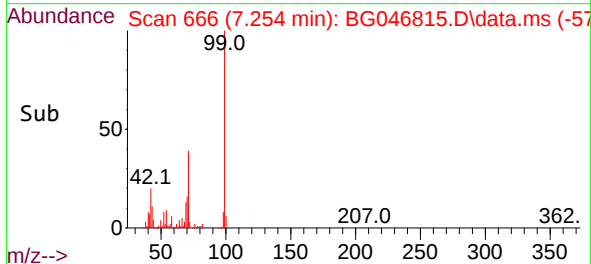
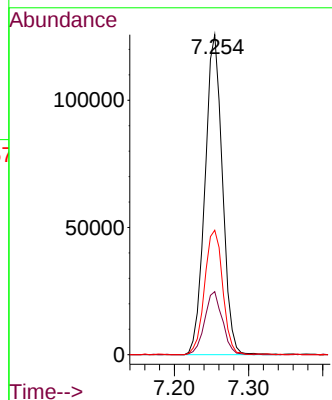
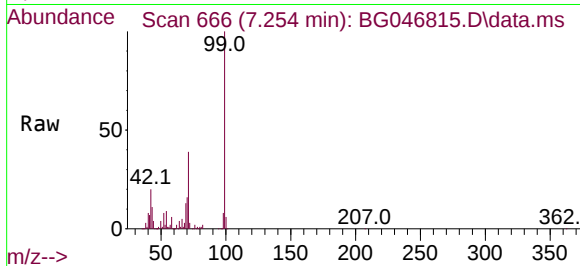




#7
Phenol-d6
Concen: 32.68 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

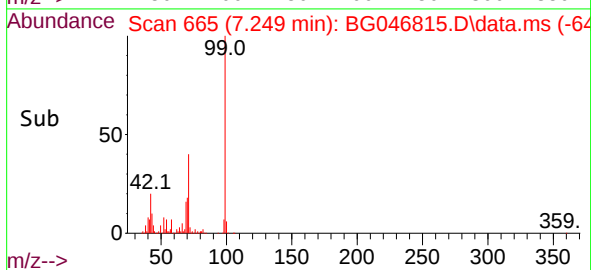
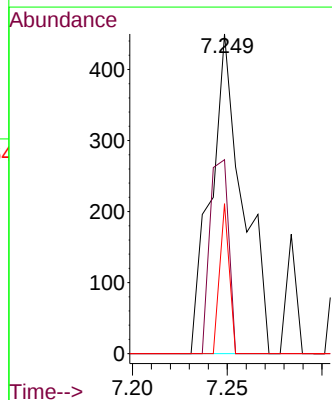
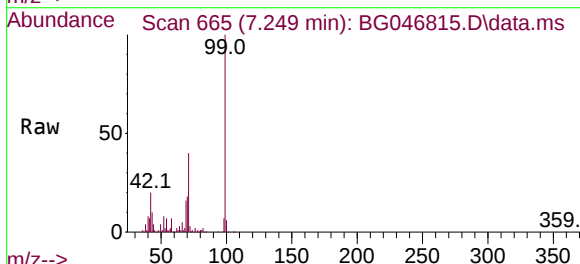
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

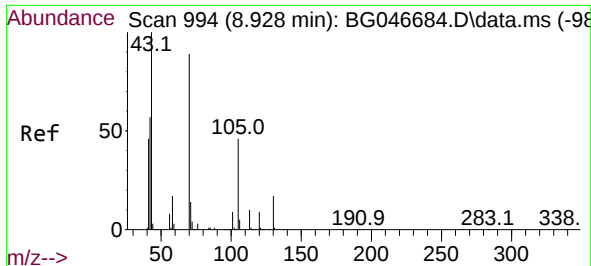
Tgt Ion: 99 Resp: 205840
Ion Ratio Lower Upper
99 100
42 19.7 12.8 19.2#
71 38.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.249 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion: 77 Resp: 527
Ion Ratio Lower Upper
77 100
105 60.7 85.9 125.9#
106 46.9 80.9 120.9#

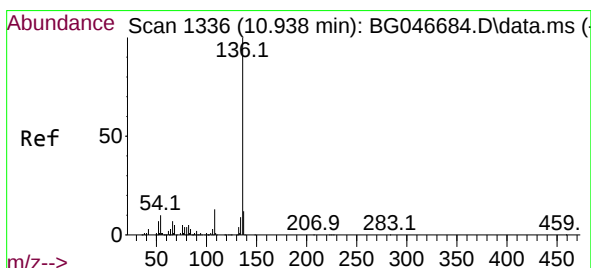
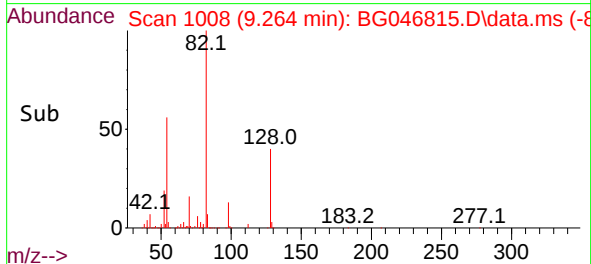
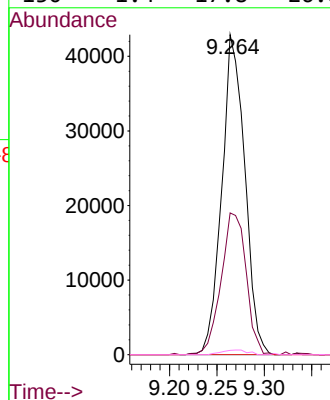
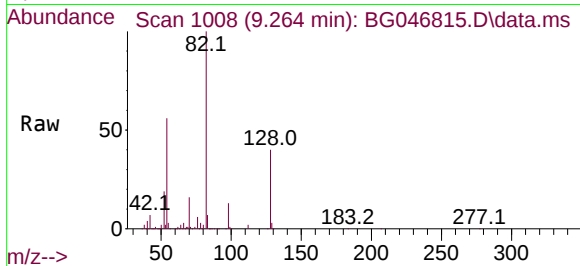




#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 9.264 min Scan# 1008
Delta R.T. 0.351 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

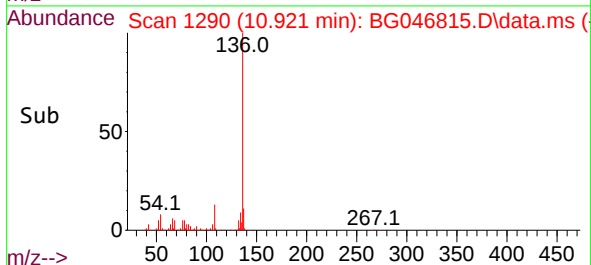
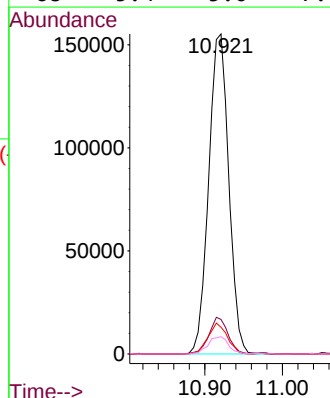
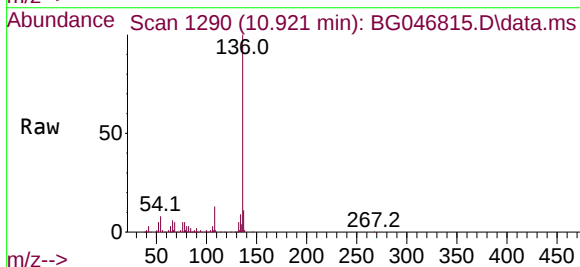
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

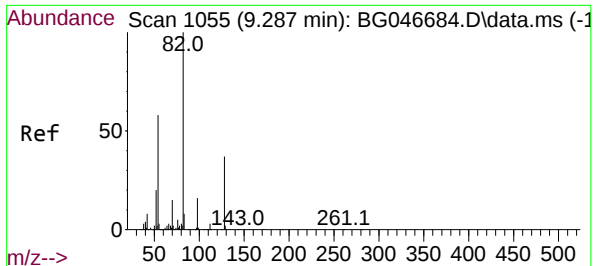
Tgt Ion:	70	Resp:	72376
Ion	Ratio	Lower	Upper
70	100		
42	44.3	45.6	68.4#
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.921 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:	136	Resp:	278971
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.4	6.2	9.4
68	5.4	5.0	7.4

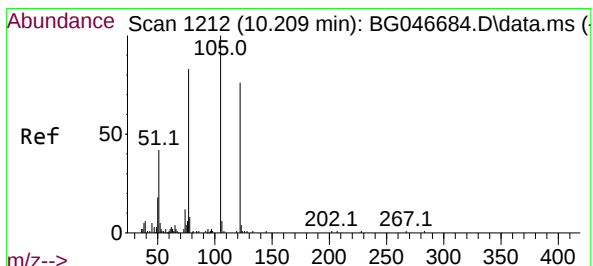
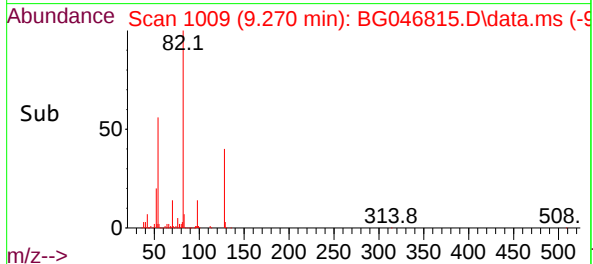
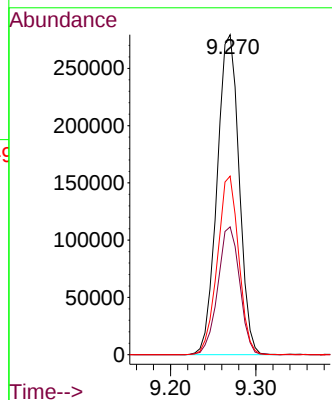
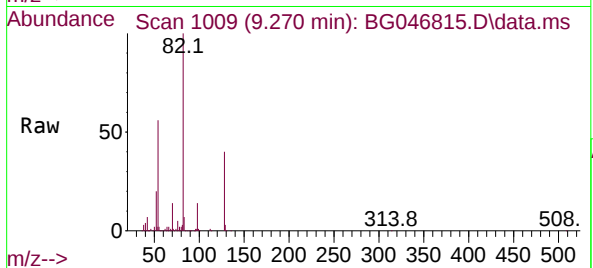




#23
Nitrobenzene-d5
Concen: 95.64 ng
RT: 9.270 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

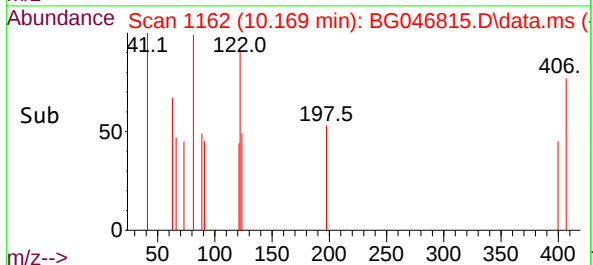
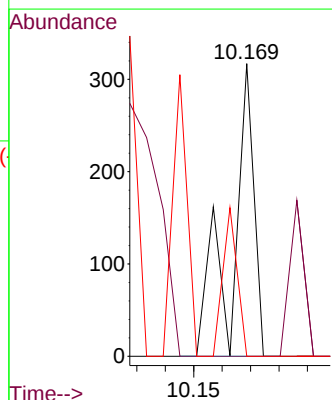
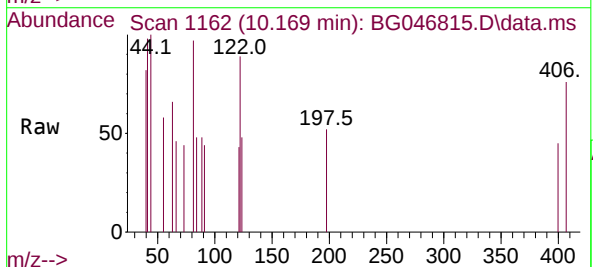
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

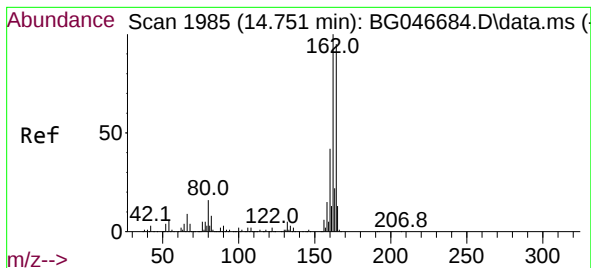
Tgt Ion: 82 Resp: 501543
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.6
54 55.8 39.0 58.4



#32
Benzoic acid
Concen: 6.39 ng
RT: 10.169 min Scan# 1162
Delta R.T. -0.025 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

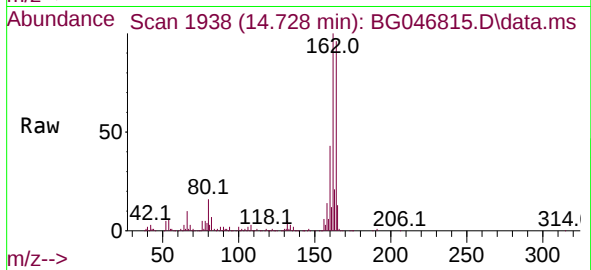
Tgt Ion:122 Resp: 169
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



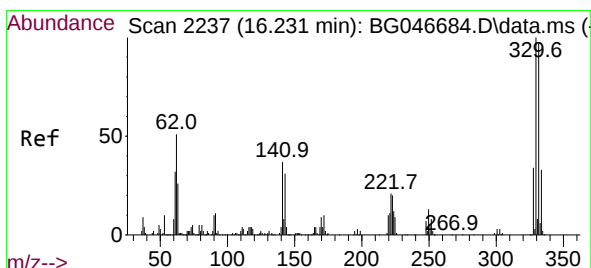
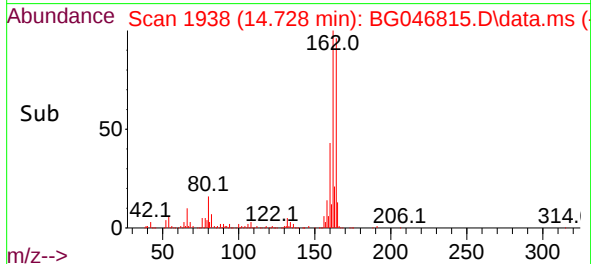
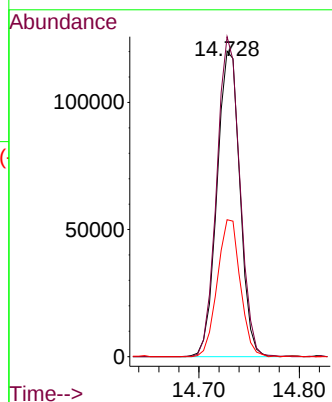


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

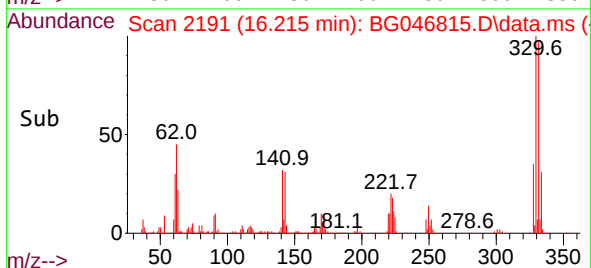
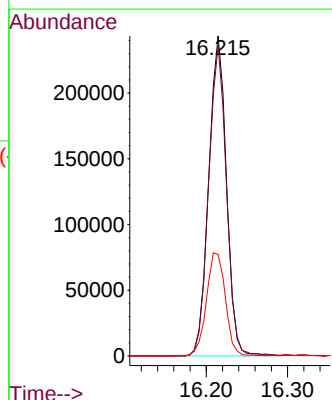
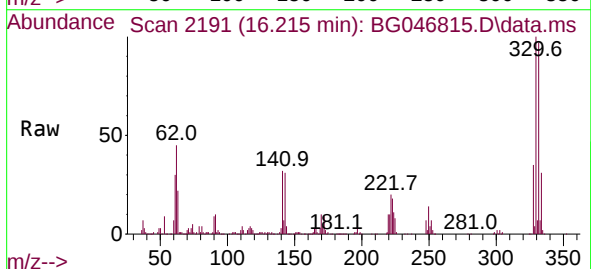


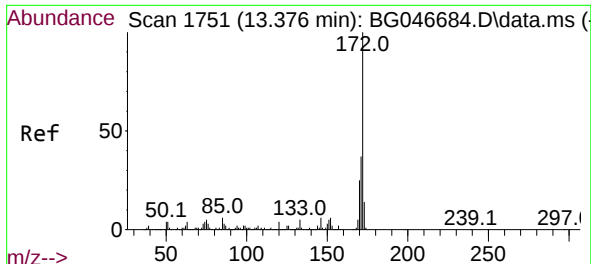
Tgt Ion:164 Resp: 190141
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 44.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 147.24 ng
RT: 16.215 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:330 Resp: 369159
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 34.4 26.0 39.0



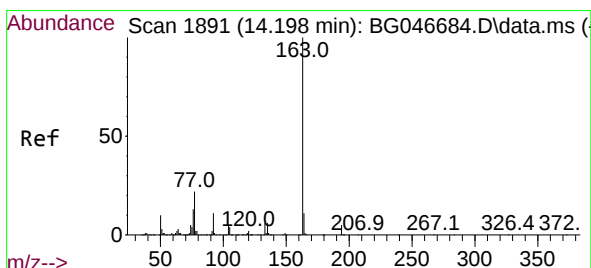
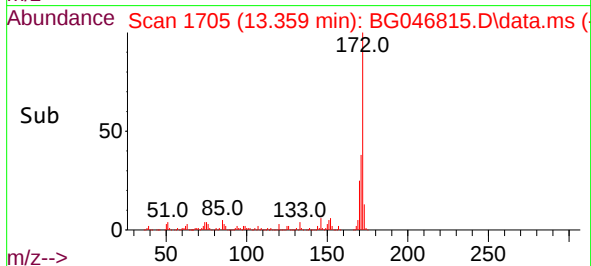
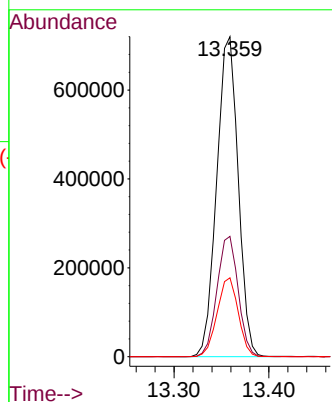
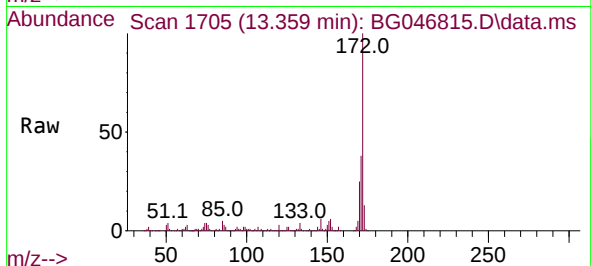


#45
2-Fluorobiphenyl
Concen: 84.48 ng
RT: 13.359 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

Tgt Ion:172 Resp: 1134637

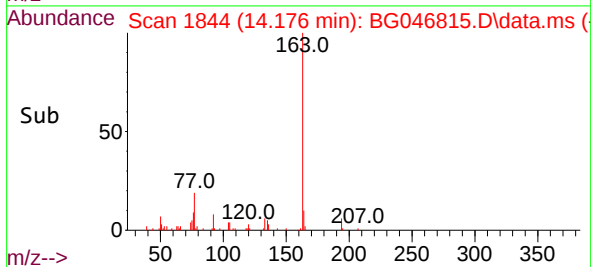
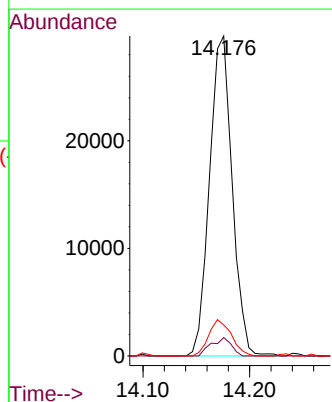
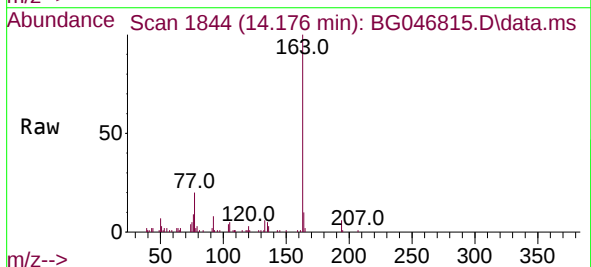
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.6	20.8	31.2

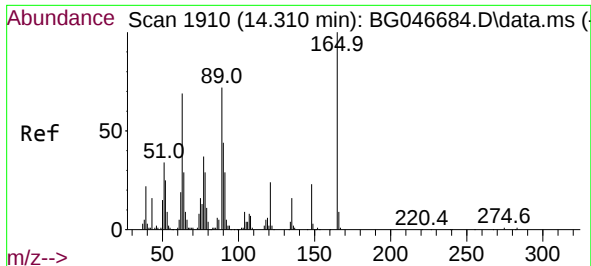


#50
Dimethylphthalate
Concen: 2.89 ng
RT: 14.176 min Scan# 1844
Delta R.T. -0.007 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:163 Resp: 43880

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.8#
164	9.7	8.8	13.2

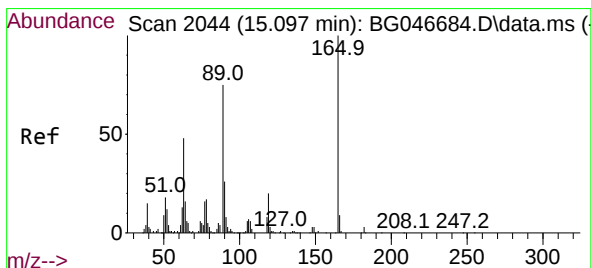
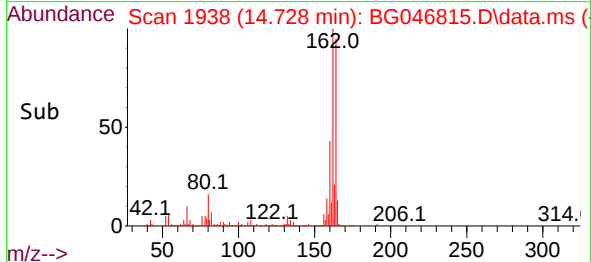
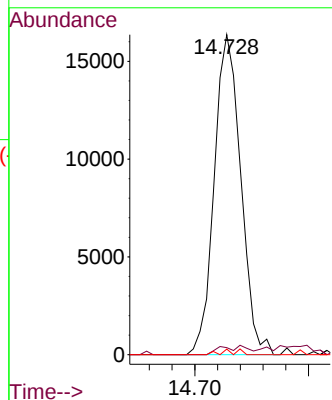
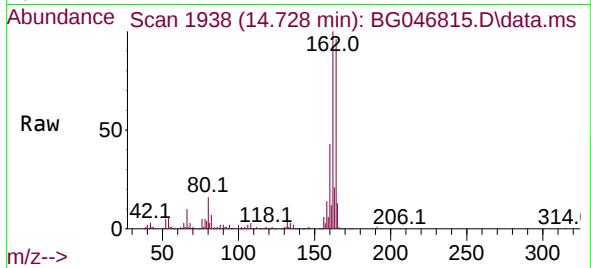




#51
2,6-Dinitrotoluene
Concen: 10.72 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

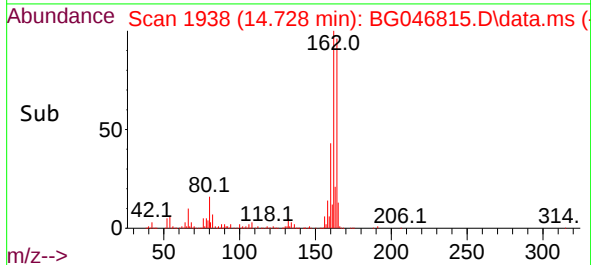
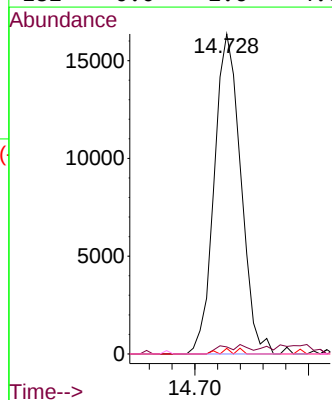
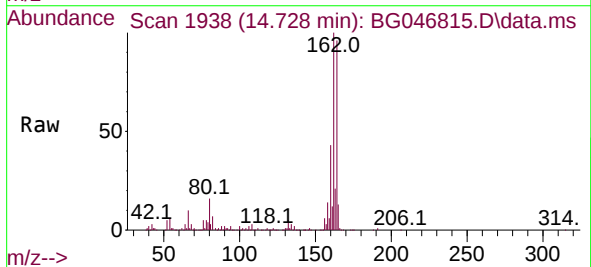
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

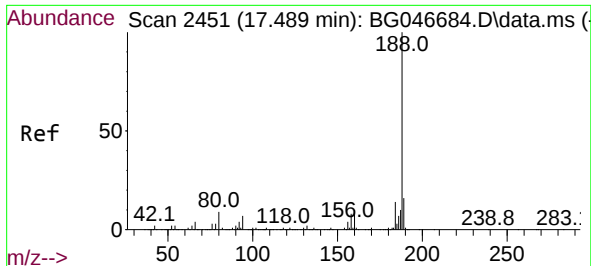
Tgt Ion:165 Resp: 26462
Ion Ratio Lower Upper
165 100
63 2.2 33.7 50.5#
89 1.7 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 8.10 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.354 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:165 Resp: 26462
Ion Ratio Lower Upper
165 100
63 2.2 26.4 39.6#
89 1.7 47.8 71.8#
182 0.0 2.6 4.0#

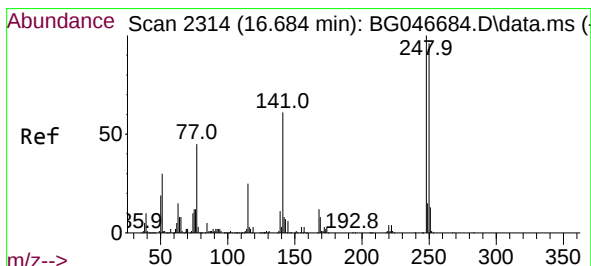
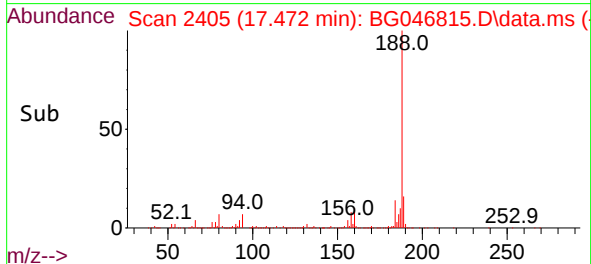
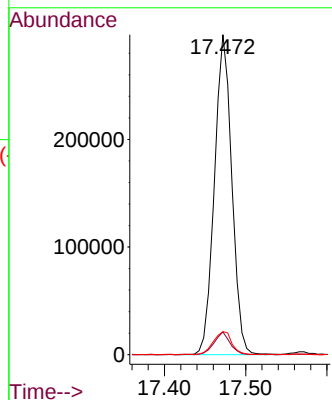
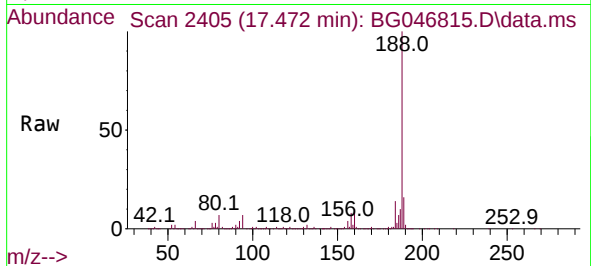




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.472 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

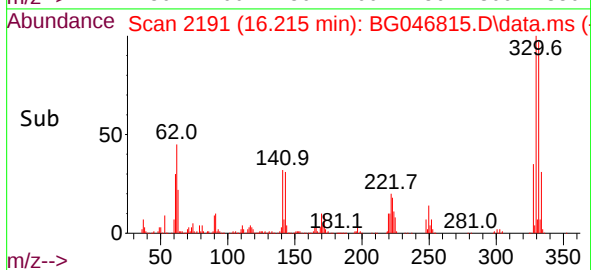
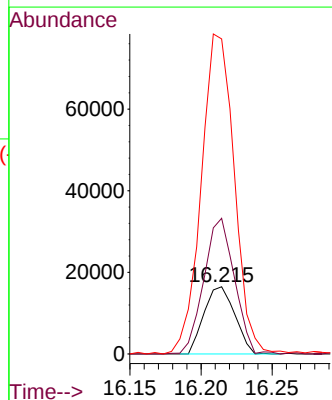
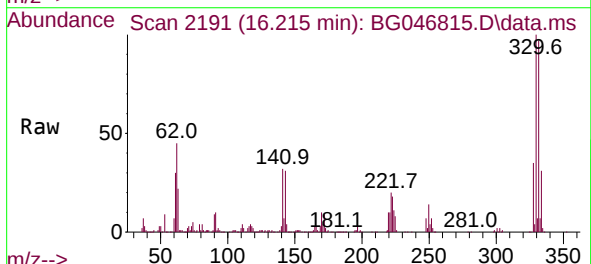
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

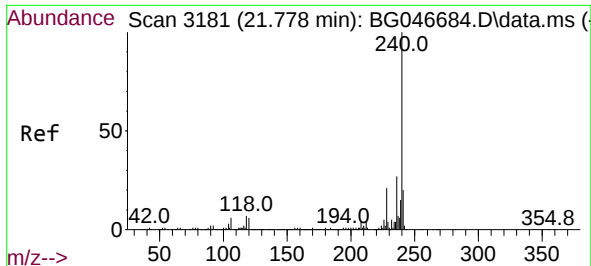
Tgt Ion:188 Resp: 442455
Ion Ratio Lower Upper
188 100
94 7.1 6.3 9.5
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 16.215 min Scan# 2191
Delta R.T. -0.448 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:248 Resp: 24836
Ion Ratio Lower Upper
248 100
250 205.4 78.9 118.3#
141 363.6 46.2 69.4#

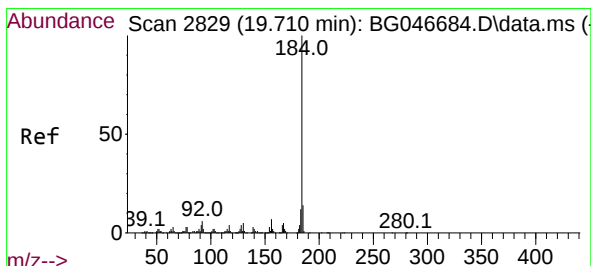
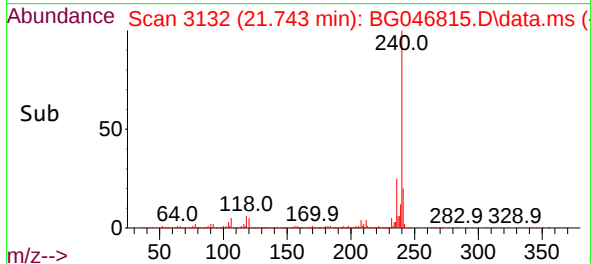
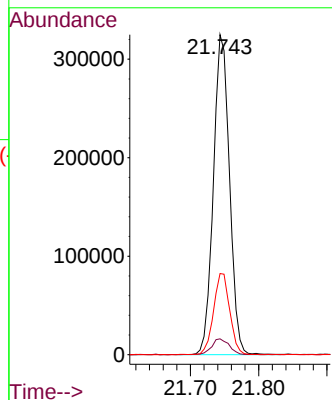
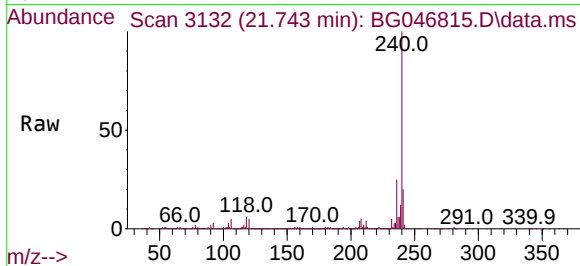




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

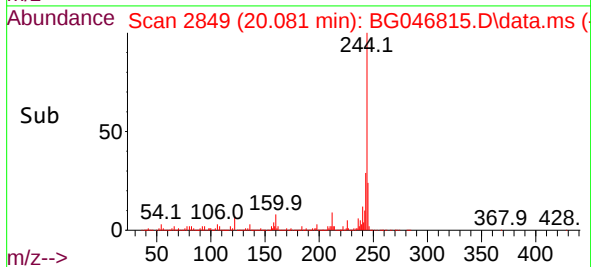
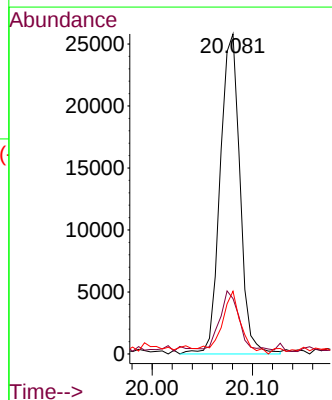
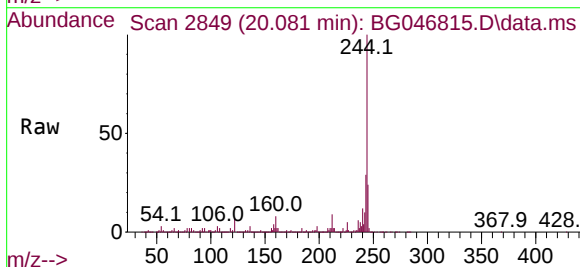
Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

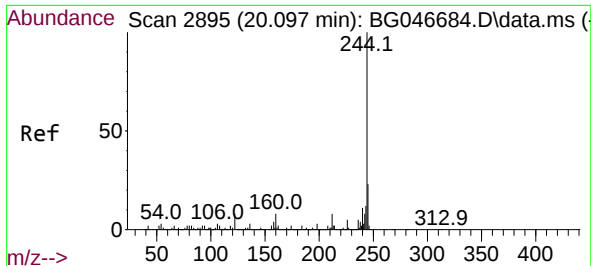
Tgt Ion:240 Resp: 534771
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 25.4 20.5 30.7



#77
Benzidine
Concen: 2.14 ng
RT: 20.081 min Scan# 2849
Delta R.T. 0.380 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:184 Resp: 35252
Ion Ratio Lower Upper
184 100
185 17.3 12.4 18.6
183 19.6 10.6 15.8#

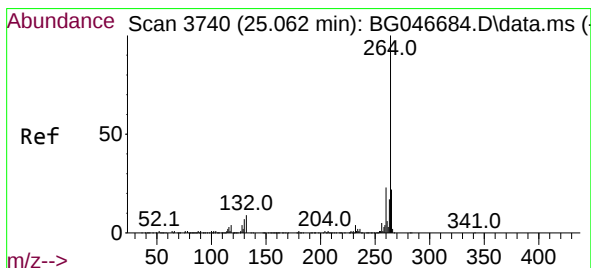
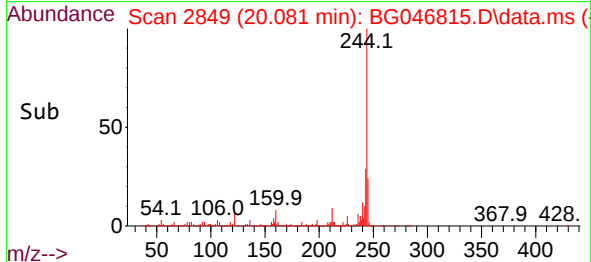
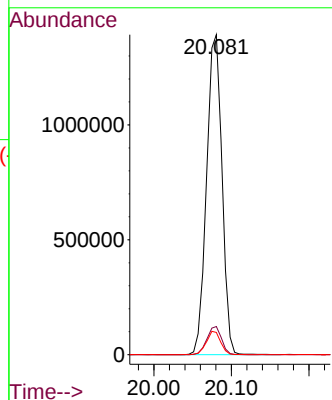
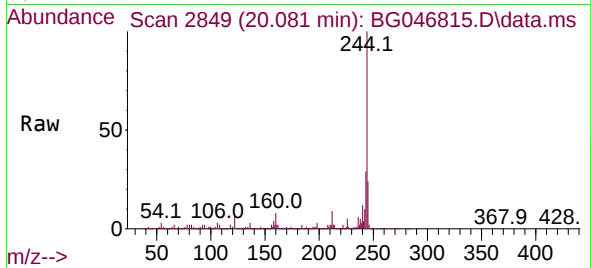




#79
Terphenyl-d14
Concen: 71.93 ng
RT: 20.081 min Scan# 2849
Delta R.T. -0.001 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Instrument :
BNA_G
ClientSampleId :
GW-DUP-1

Tgt Ion:244 Resp: 1919170
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.0 7.8 11.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.016 min Scan# 3689
Delta R.T. -0.013 min
Lab File: BG046815.D
Acq: 8 Oct 2020 14:47

Tgt Ion:264 Resp: 571679
Ion Ratio Lower Upper
264 100
260 21.8 18.8 28.2
265 22.7 17.8 26.8

