

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035690.D
 Acq On : 17 Jul 2018 19:52
 Operator : JU/SJ
 Sample : J3829-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-C

Quant Time: Jul 18 01:10:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

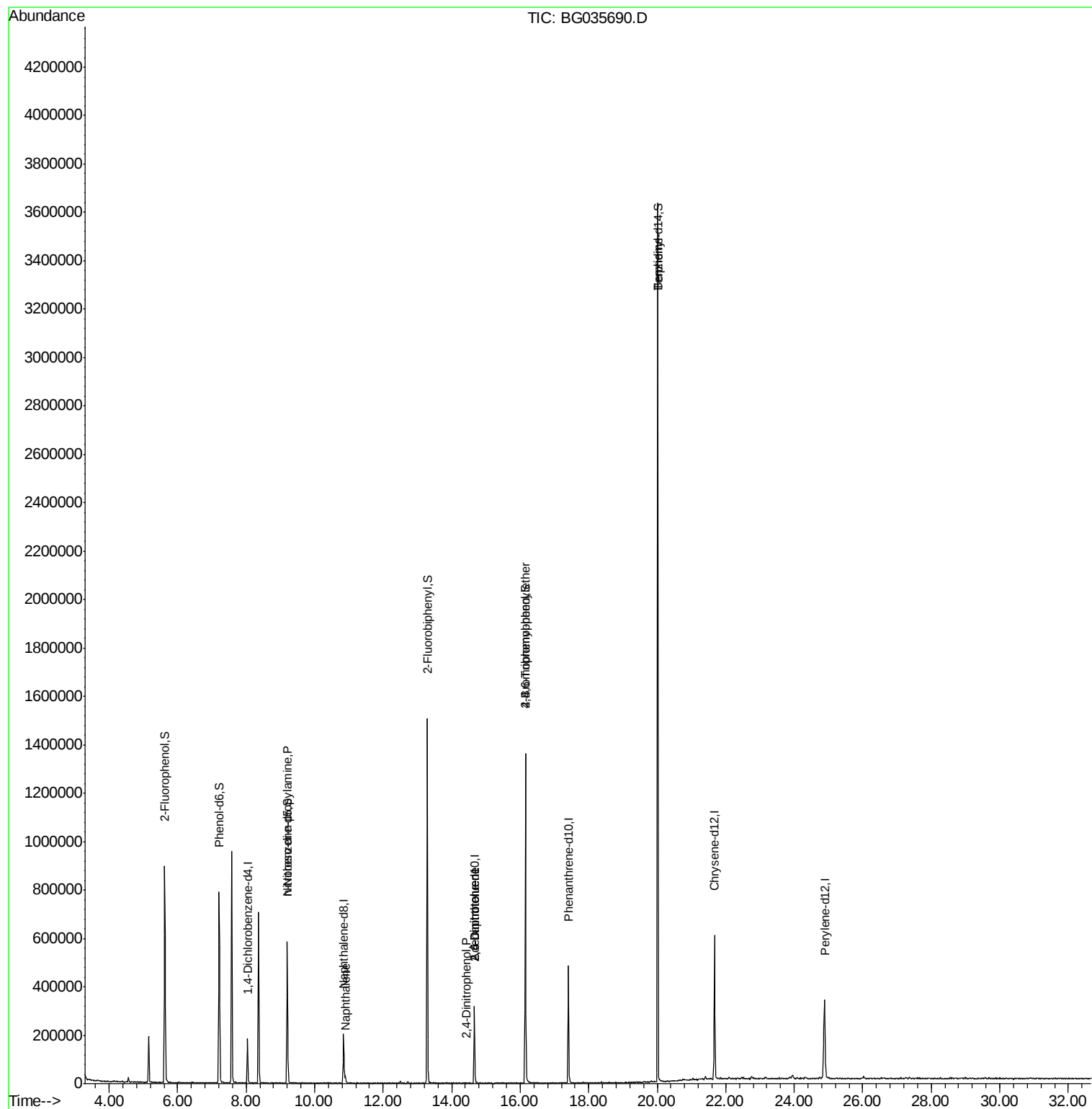
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51128	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	175039	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	115634	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	320530	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	382880	20.00	ng	-0.02
86) Perylene-d12	24.89	264	362476	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	398029	129.25	ng	0.00
7) Phenol-d6	7.21	99	486486	105.88	ng	0.00
23) Nitrobenzene-d5	9.20	82	400589	95.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	244169	160.20	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	837021	96.98	ng	-0.02
78) Terphenyl-d14	20.02	244	1695796	97.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	55552	14.358	ng	Qvalue # 67
31) Naphthalene	10.89	128	24929	2.734	ng	95
50) 2,6-Dinitrotoluene	14.66	165	16569	8.031	ng	# 21
53) 2,4-Dinitrophenol	14.44	184	56	6.631	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	16569	5.598	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	19783	5.320	ng	# 1
76) Benzidine	20.02	184	31451	3.124	ng	99

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

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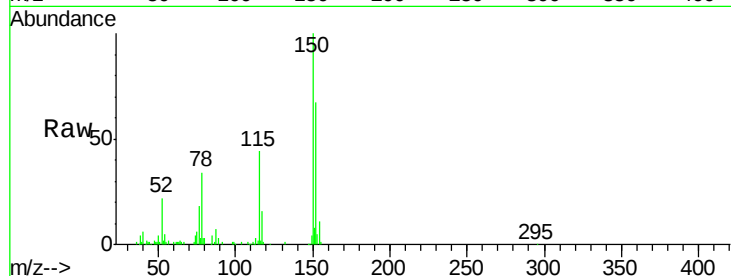


#1

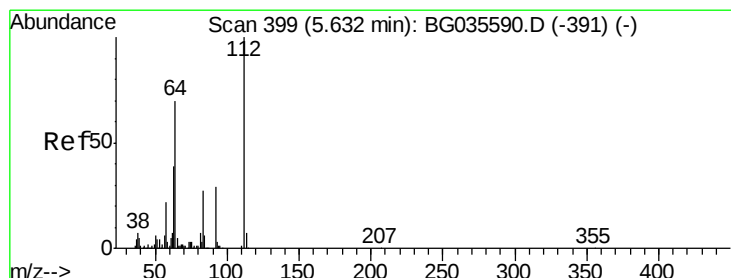
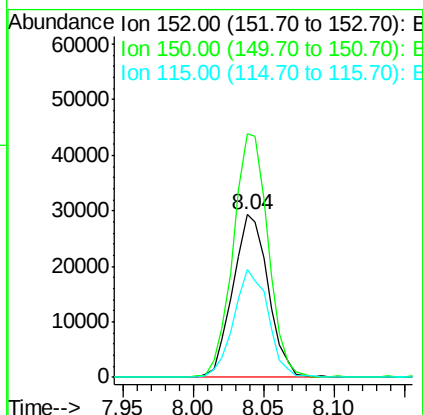
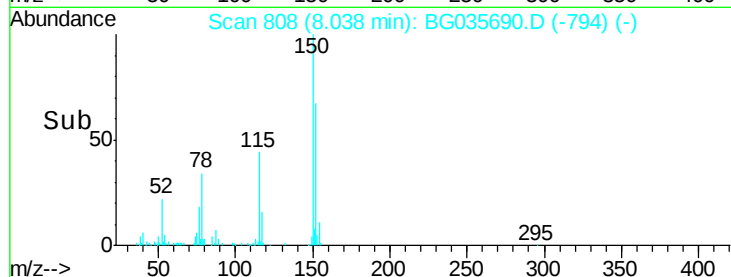
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tgt Ion:152 Resp: 51128
Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 66.5 53.0 79.4



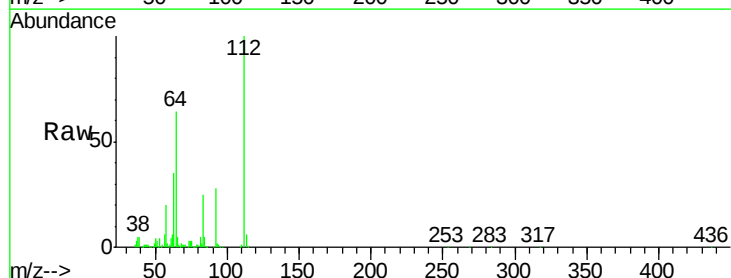
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



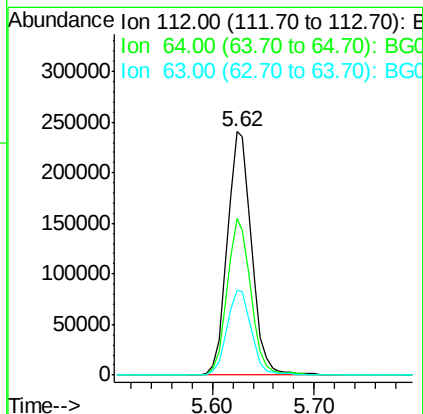
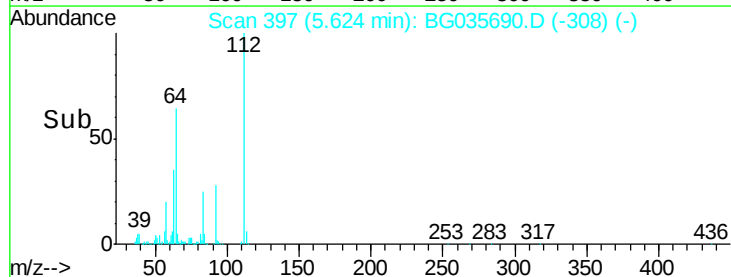
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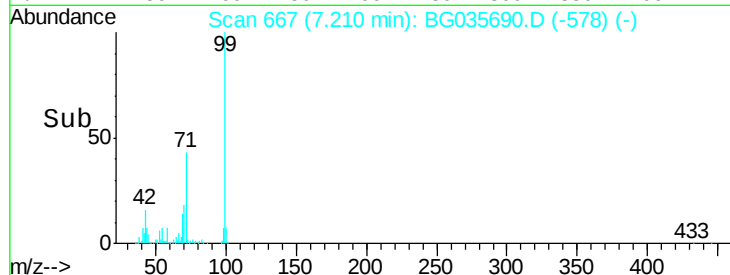
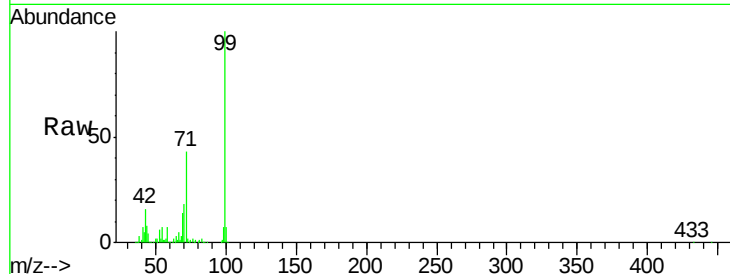
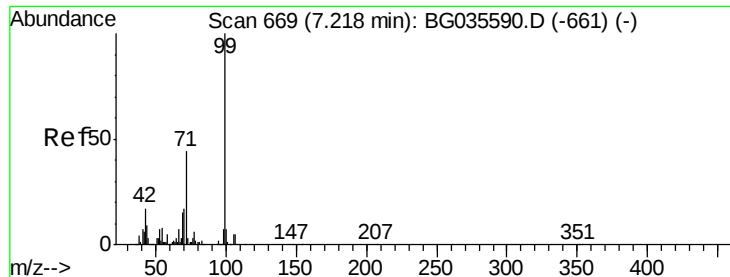
2-Fluorophenol
Concen: 129.248 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion:112 Resp: 398029
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 35.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.880 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

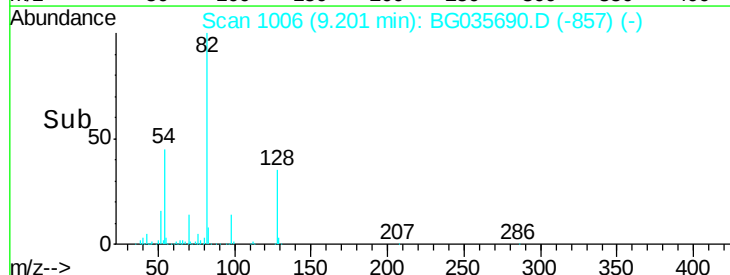
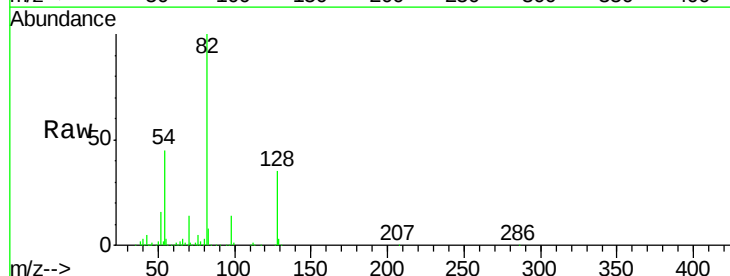
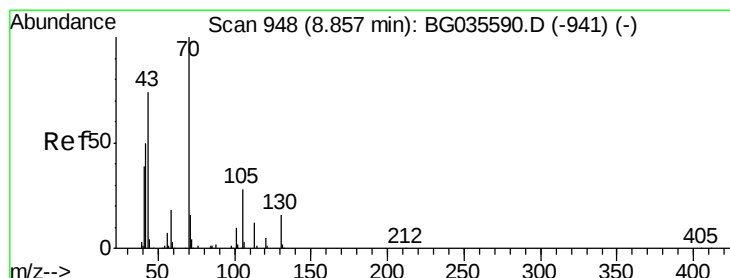
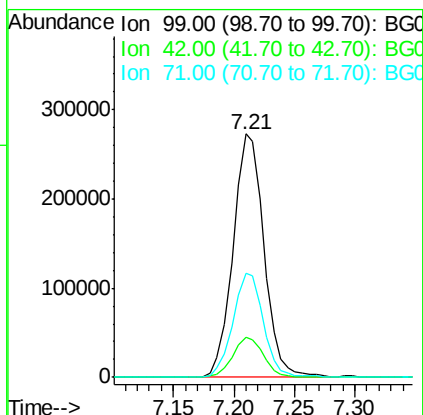
Tgt Ion: 99 Resp: 486486

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 42.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.358 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.34 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Tgt Ion: 70 Resp: 55552

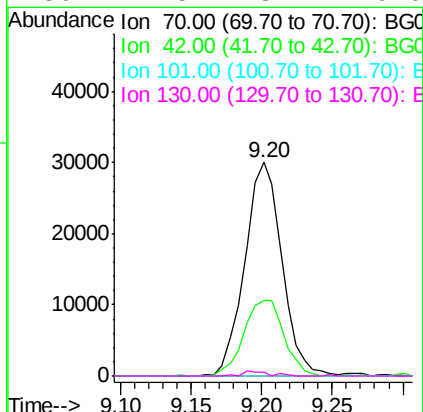
Ion Ratio Lower Upper

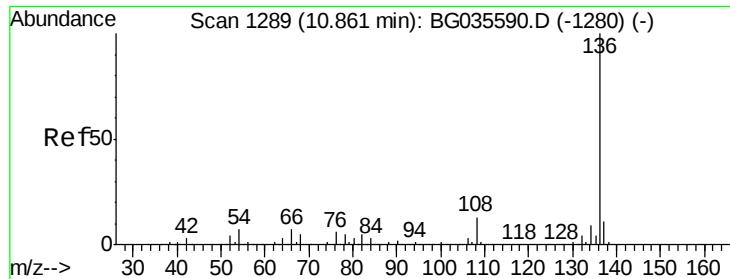
70 100

42 35.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

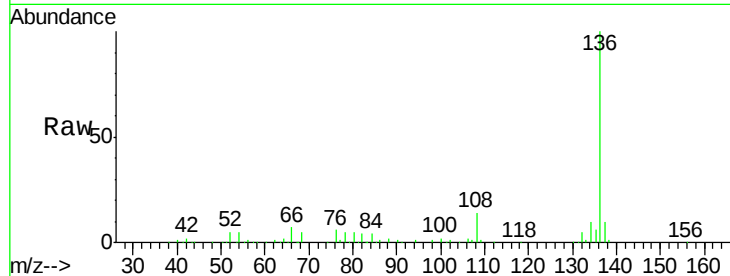




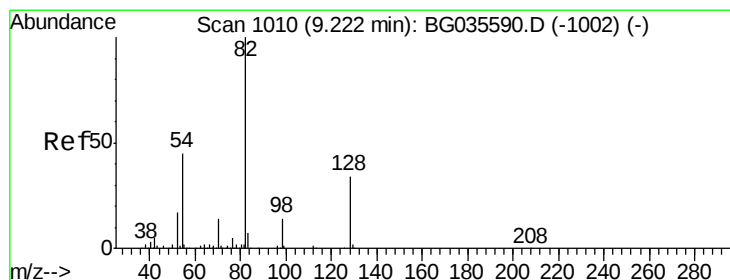
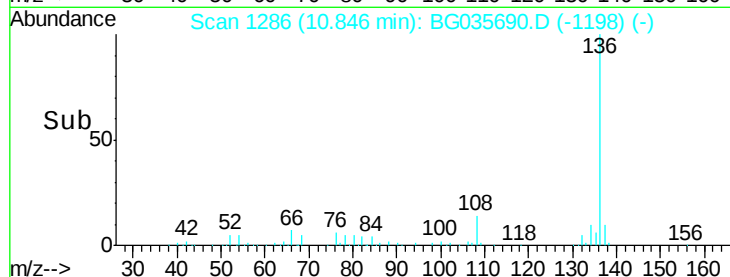
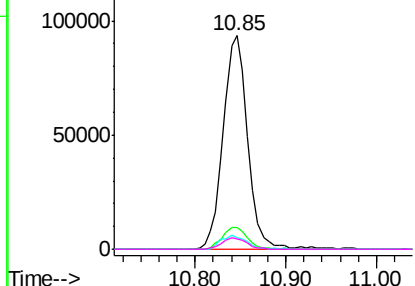
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tgt Ion:	136	Resp:	175039
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.4	10.3	15.5#
68	4.6	4.5	6.7

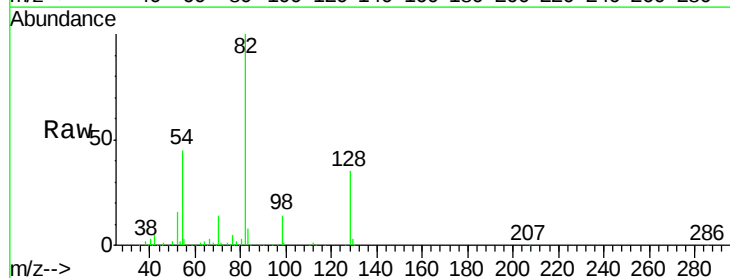


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

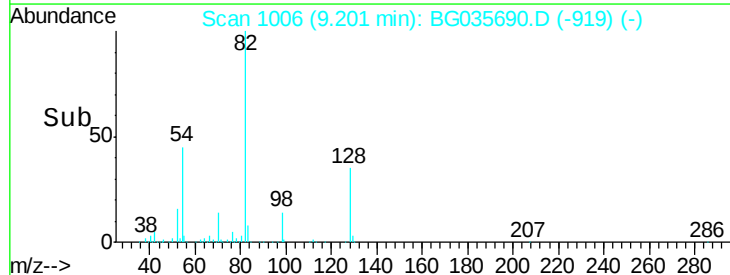
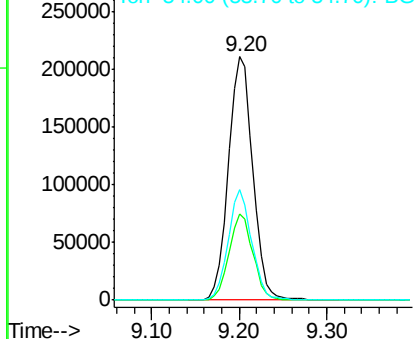


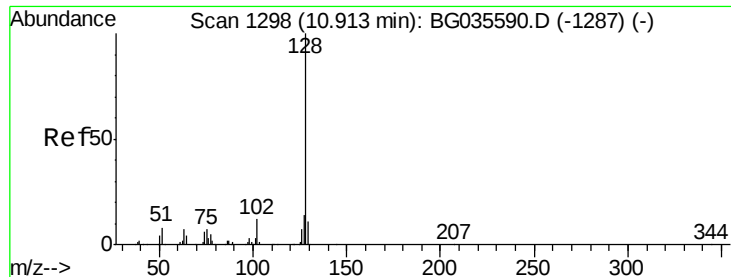
#23
Nitrobenzene-d5
Concen: 95.604 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion:	82	Resp:	400589
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	45.4	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

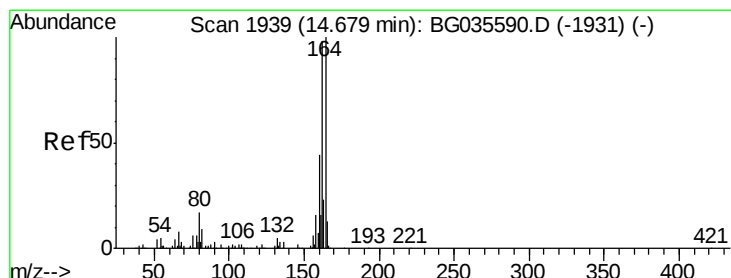
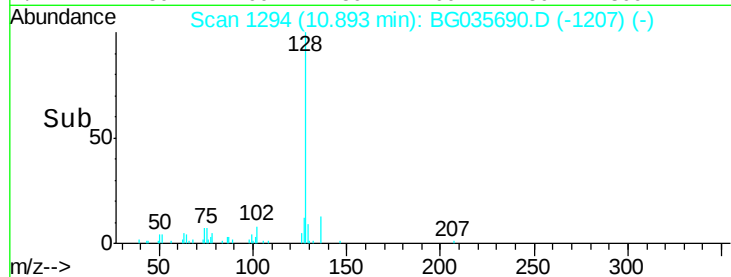
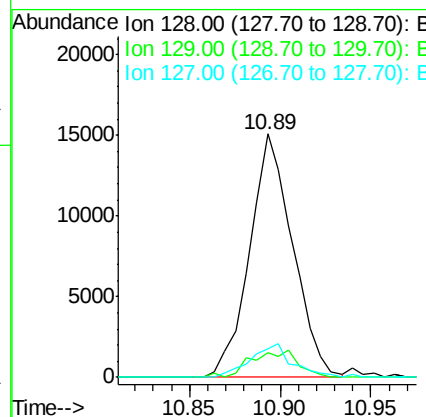
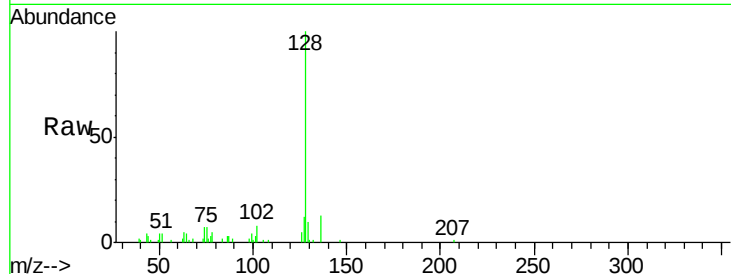




#31
Naphthalene
Concen: 2.734 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

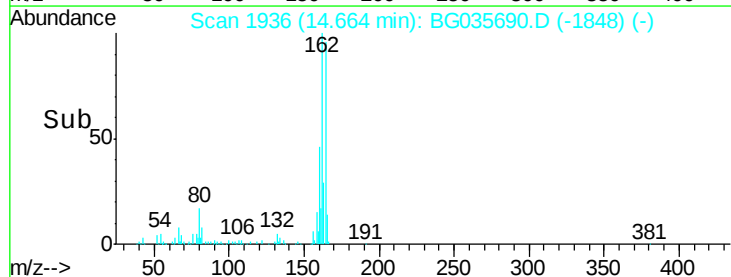
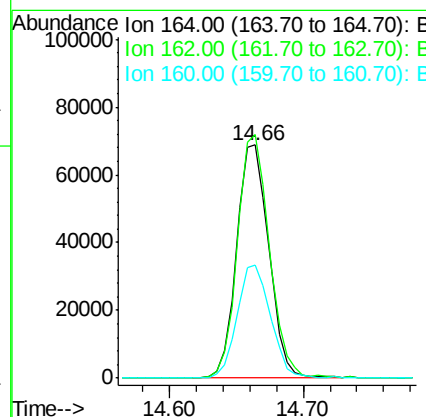
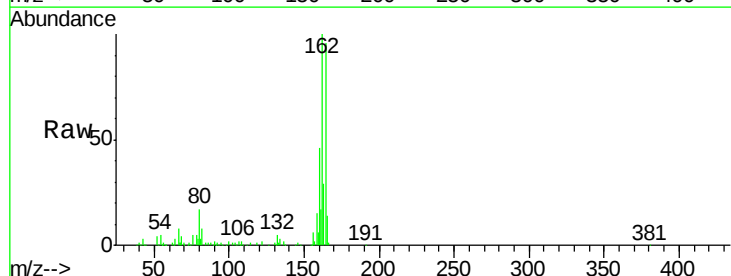
Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

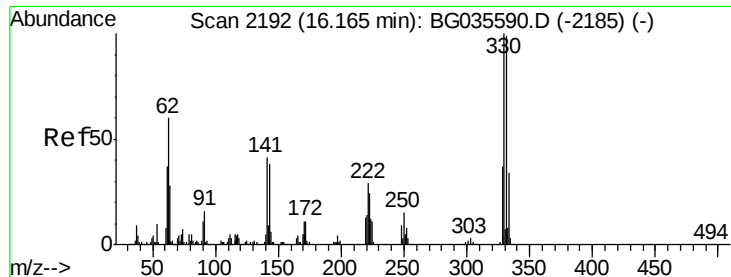
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	11.9	11.6	17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	48.4	35.4	53.0

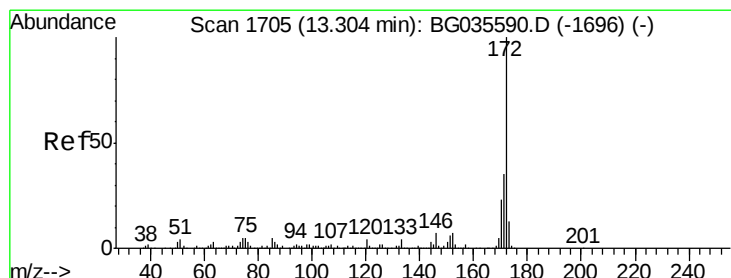
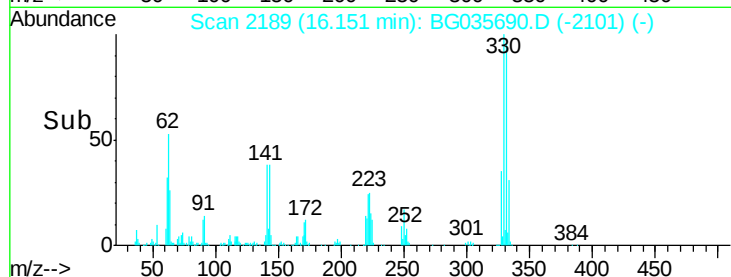
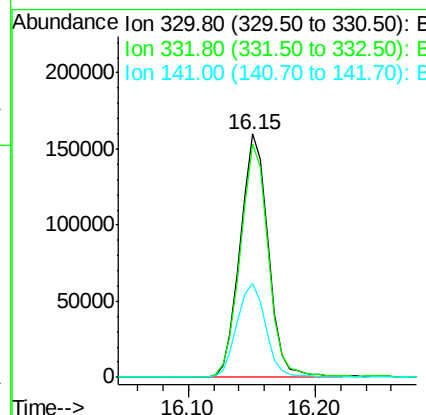
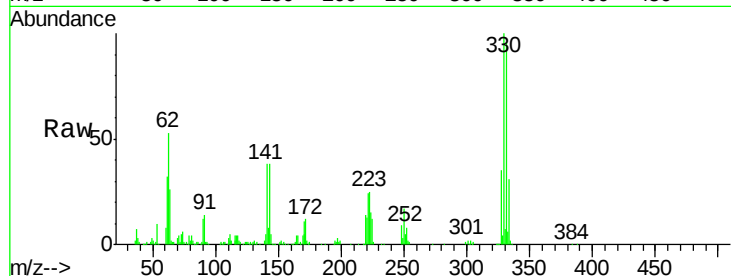




#41
 2,4,6-Tribromophenol
 Concen: 160.202 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

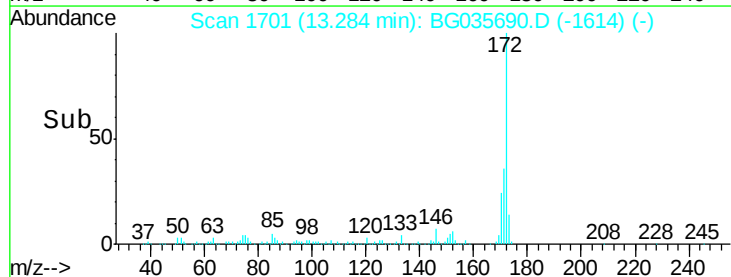
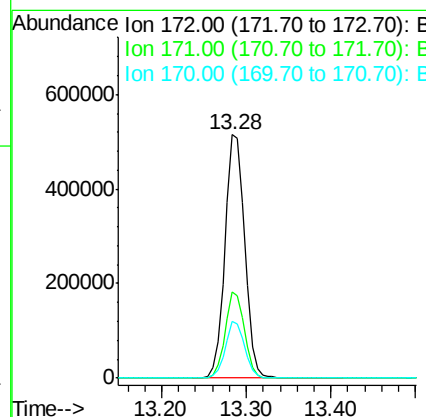
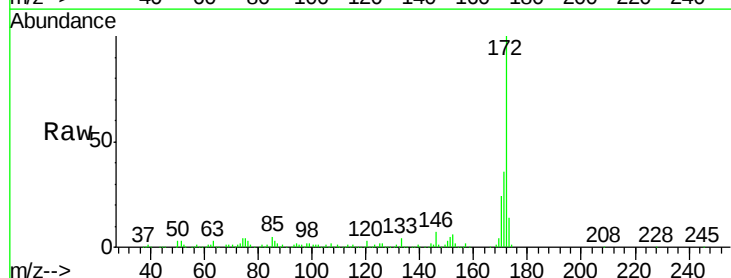
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-C

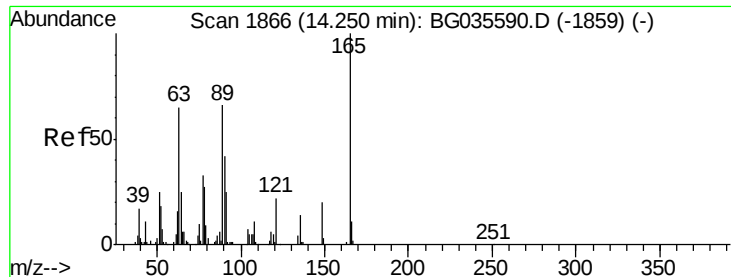
Tgt Ion:330 Resp: 244169
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.8 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.978 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

Tgt Ion:172 Resp: 837021
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.5 19.5 29.3

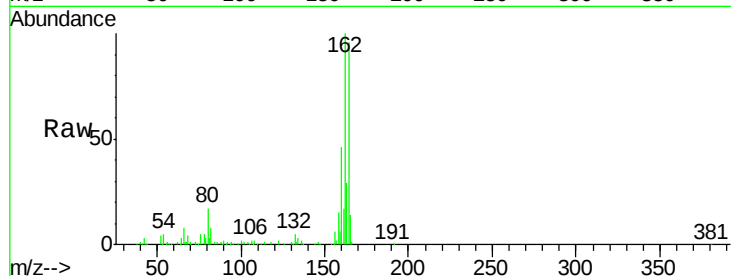




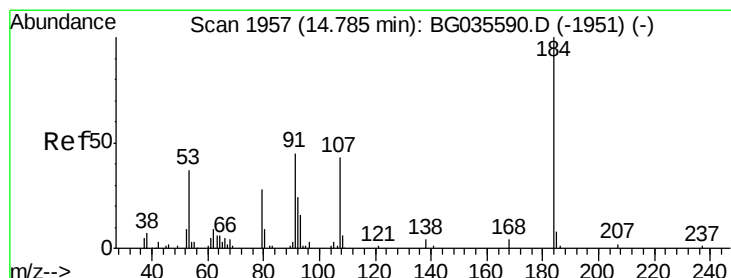
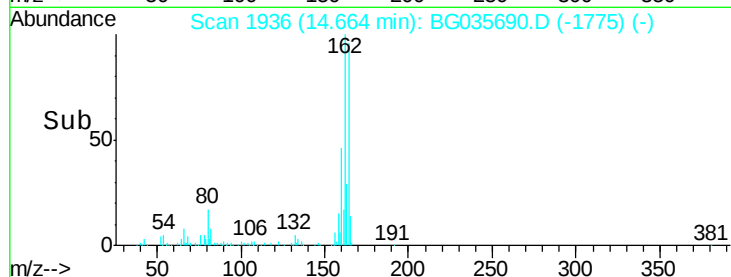
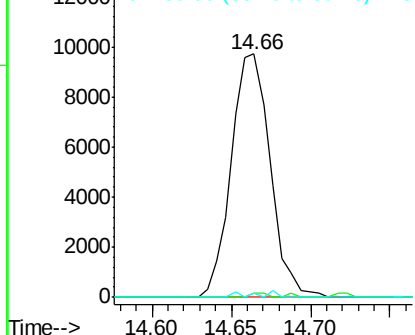
#50
2,6-Dinitrotoluene
Concen: 8.031 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.41 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tgt Ion:165 Resp: 16569
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 1.9 49.2 73.8#

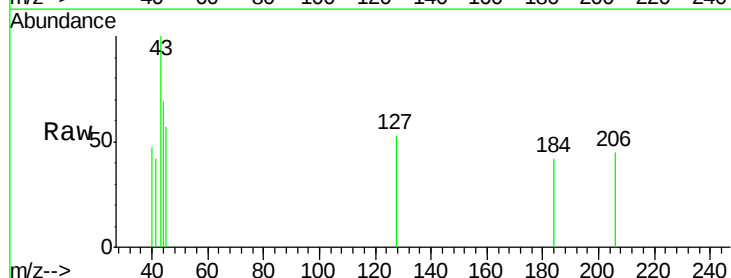


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

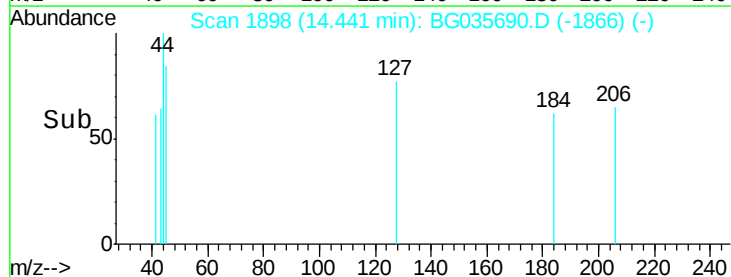
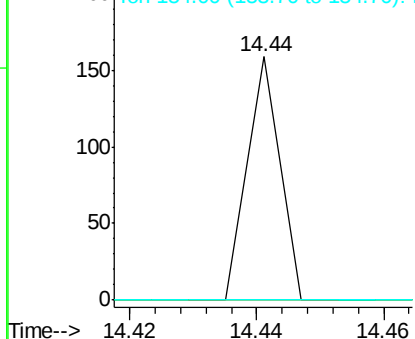


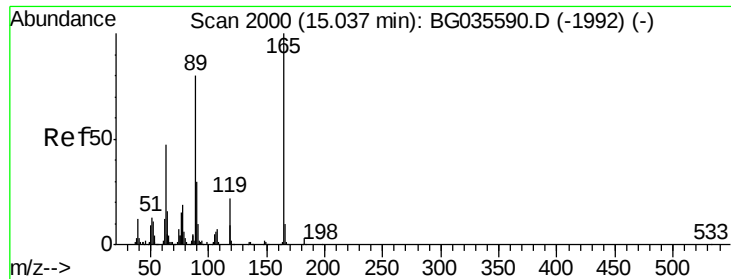
#53
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.34 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

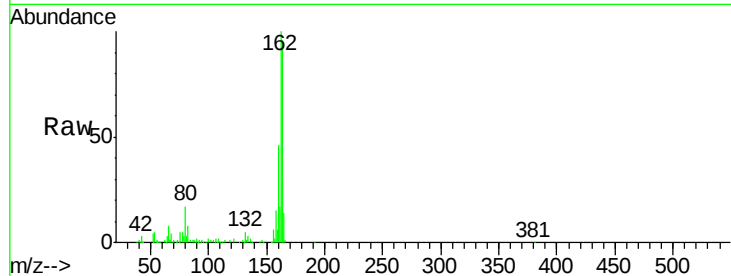




#56
 2,4-Dinitrotoluene
 Concen: 5.598 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#

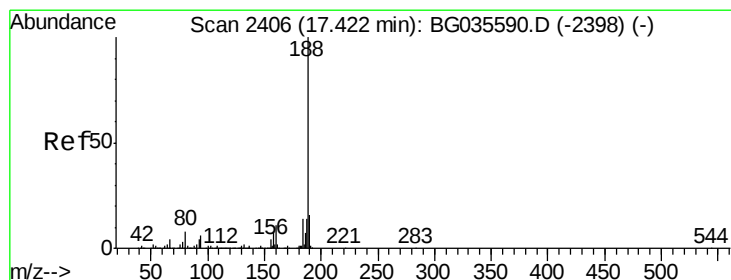
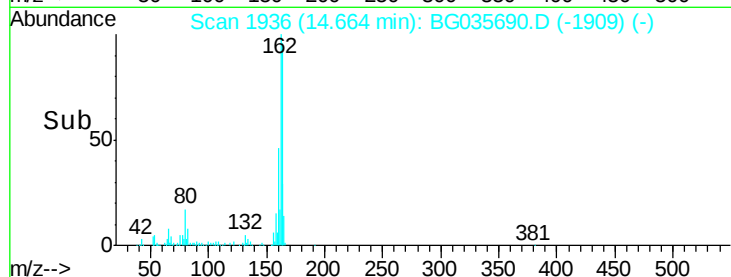
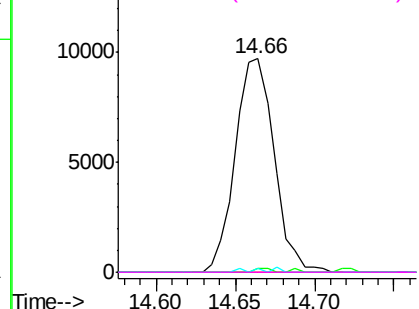


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

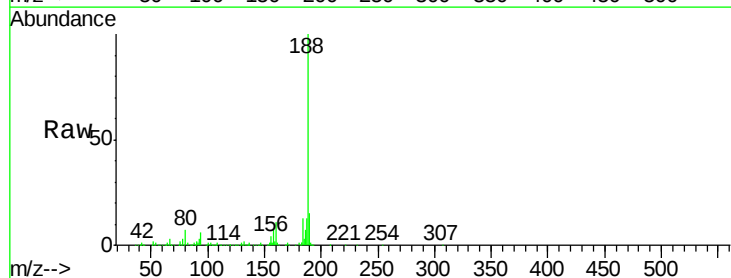
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG035690.D
 Acq: 17 Jul 2018 19:52

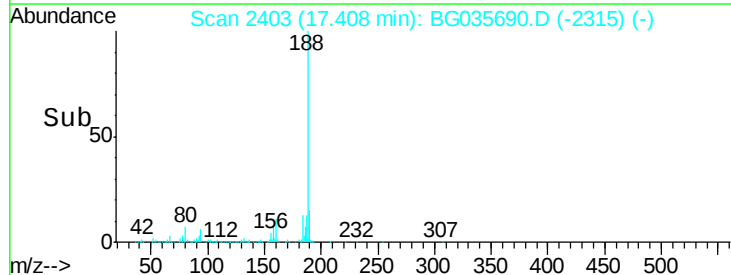
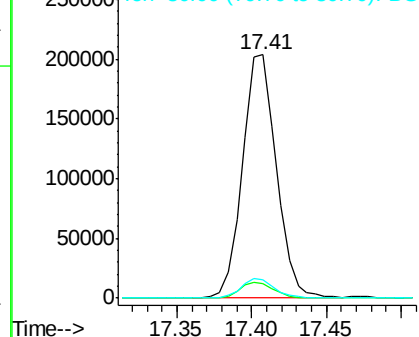
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.4	7.7	11.5#

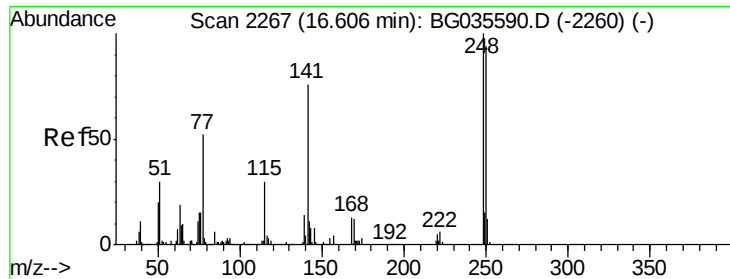


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

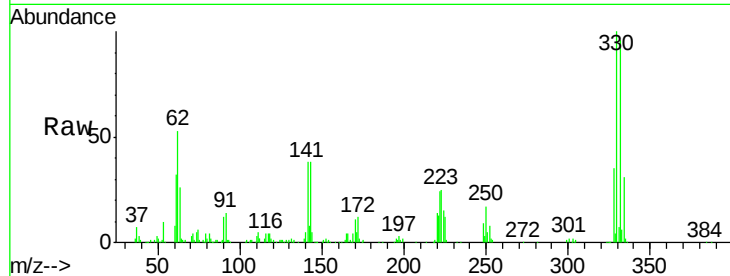




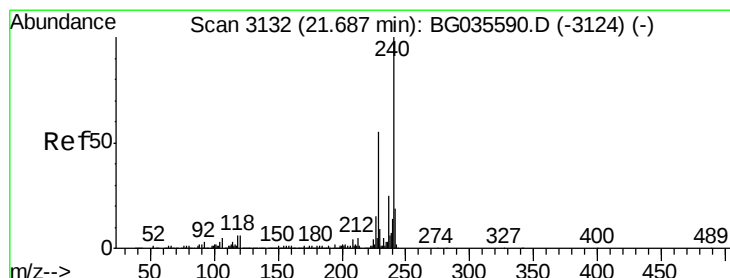
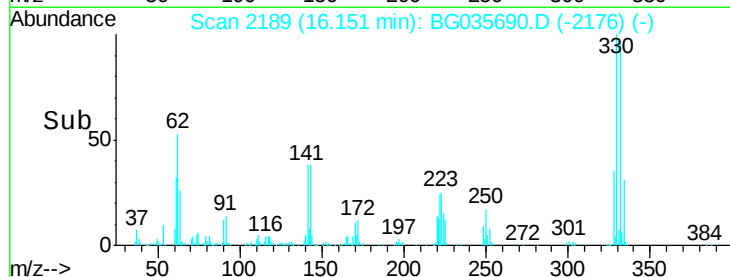
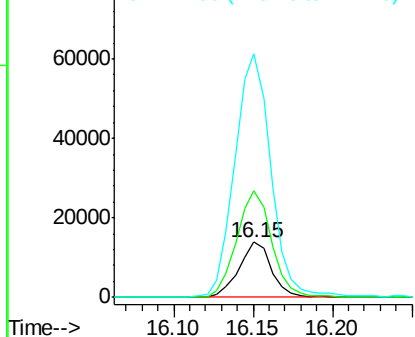
#66
4-Bromophenyl-phenylether
Concen: 5.320 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tgt Ion:248 Resp: 19783
Ion Ratio Lower Upper
248 100
250 192.6 77.1 115.7#
141 441.6 50.8 76.2#

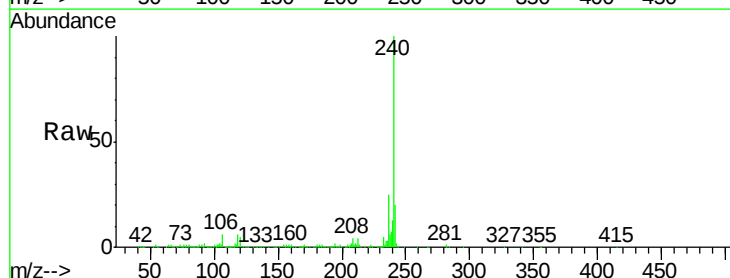


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

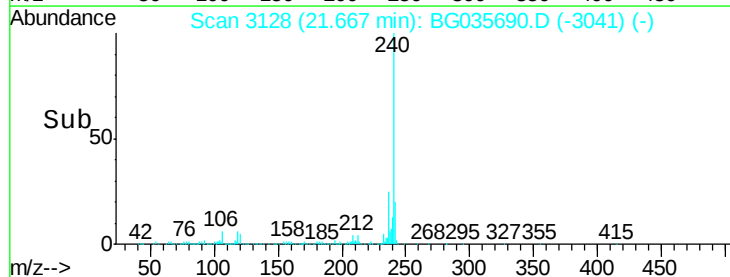
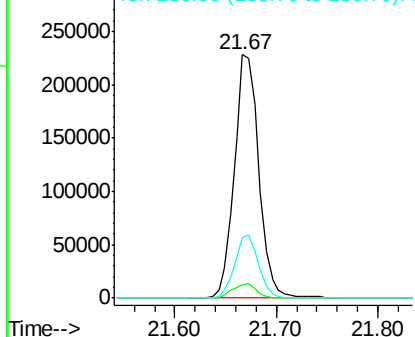


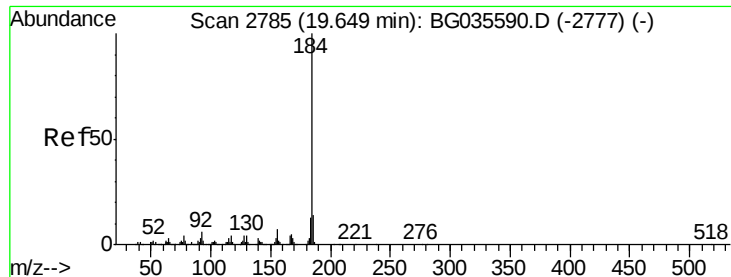
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Tgt Ion:240 Resp: 382880
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.124 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-C

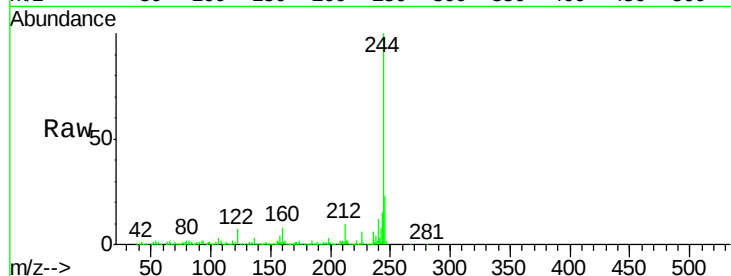
Tgt Ion:184 Resp: 31451

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

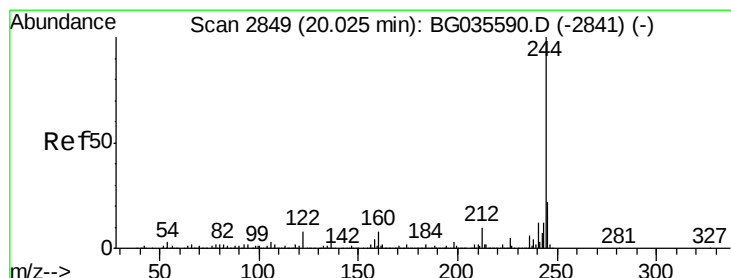
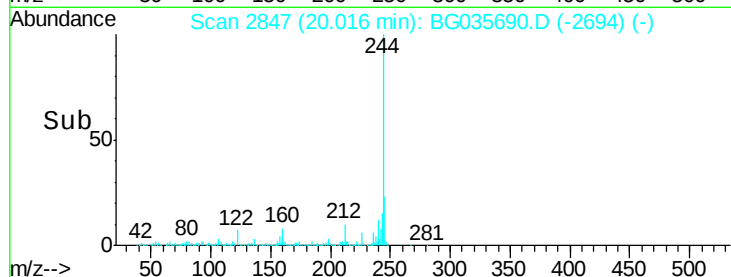
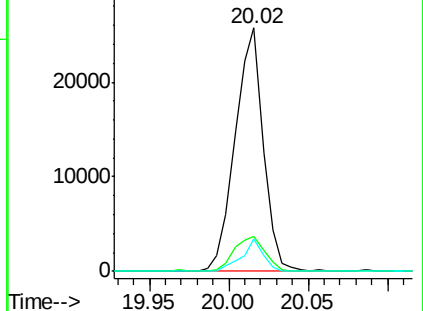
183 13.4 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 97.630 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035690.D

Acq: 17 Jul 2018 19:52

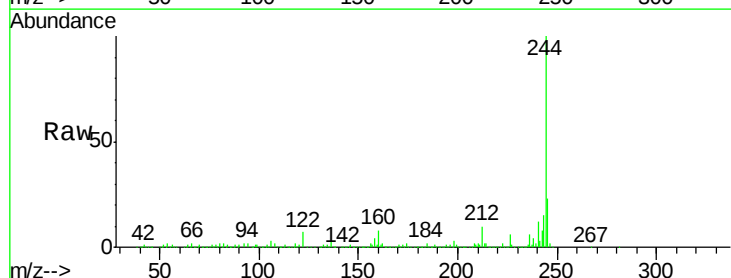
Tgt Ion:244 Resp: 1695796

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

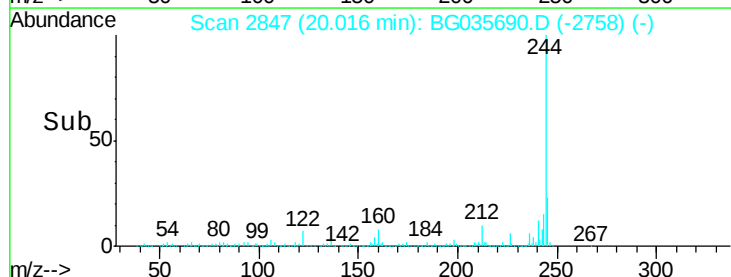
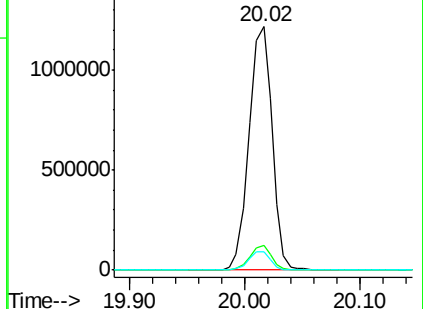
122 7.5 7.0 10.4

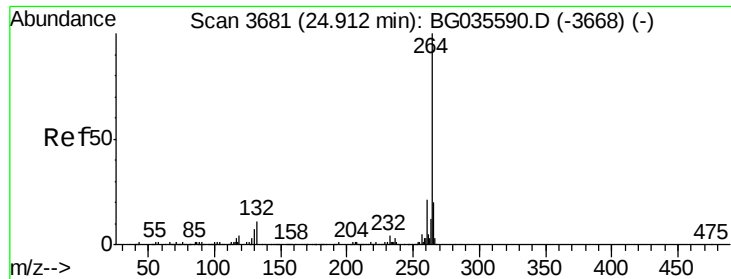


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035690.D
Acq: 17 Jul 2018 19:52

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	22.0	17.7	26.5

