

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035697.D
 Acq On : 18 Jul 2018 00:26
 Operator : JU/SJ
 Sample : PB111100BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111100BL

Quant Time: Jul 18 01:12:36 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

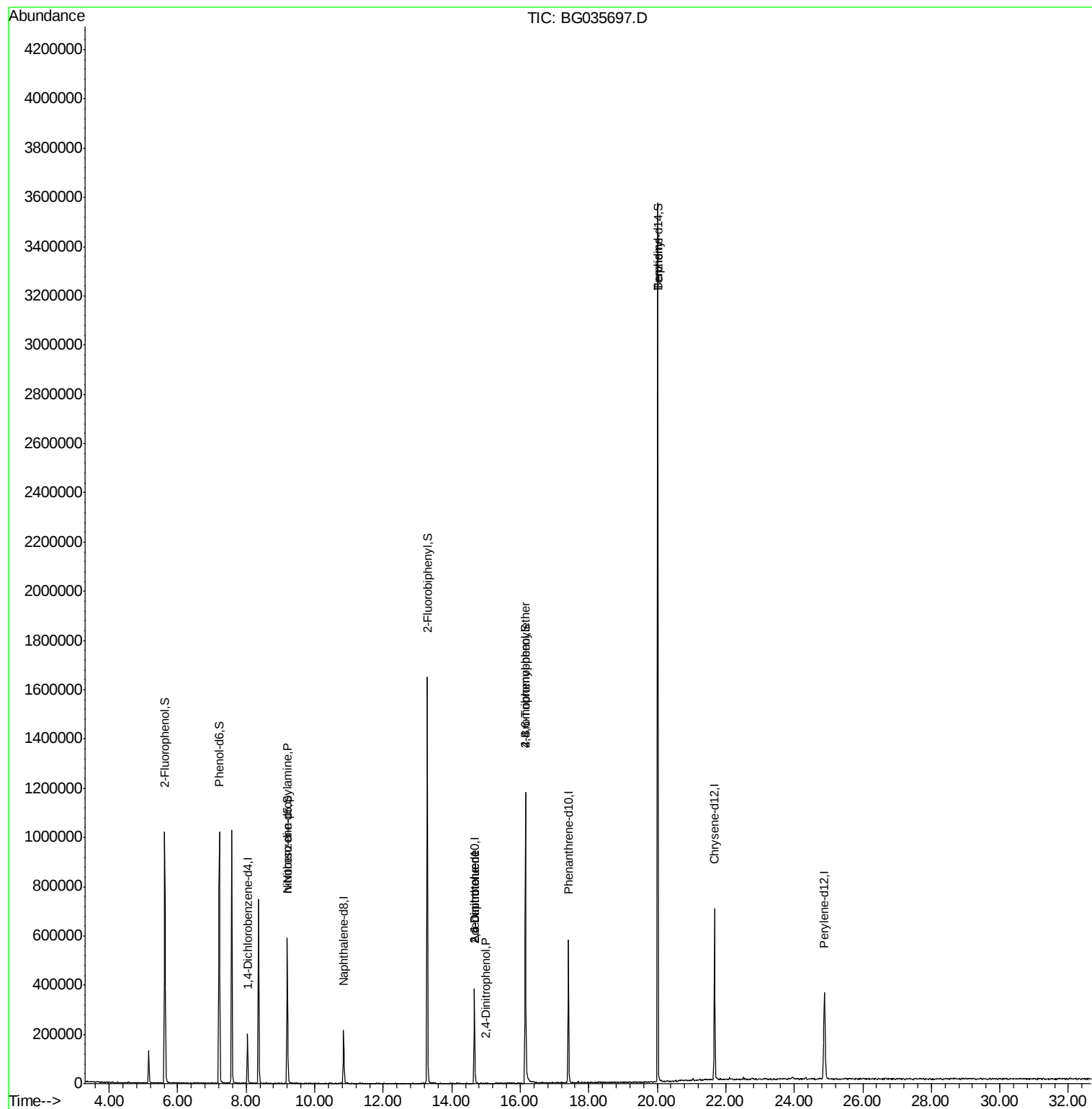
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57172	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	195546	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	135571	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	371769	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	433668	20.00	ng	-0.02
86) Perylene-d12	24.88	264	418374	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	460934	133.85	ng	0.00
7) Phenol-d6	7.21	99	643703	125.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	407405	87.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	232928	130.35	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	926061	91.52	ng	-0.02
78) Terphenyl-d14	20.02	244	1732345	88.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	55238	12.767	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	18279	7.557	ng	# 22
53) 2,4-Dinitrophenol	15.00	184	55	6.623	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	18279	5.268	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	19180	4.447	ng	# 1
76) Benzidine	20.01	184	30989	2.718	ng	# 89

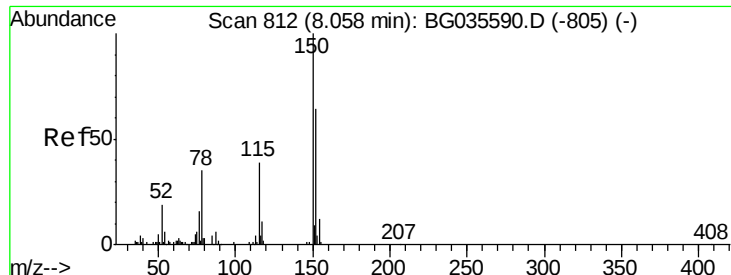
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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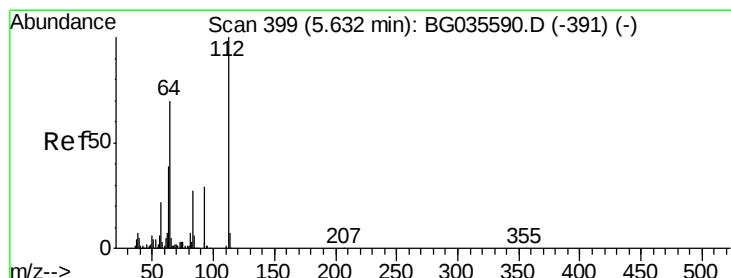
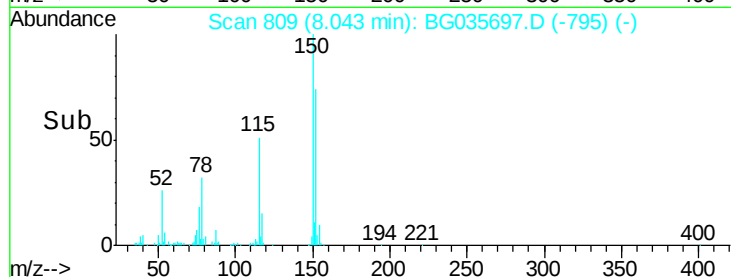
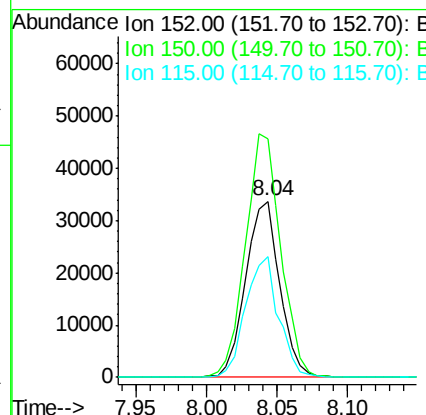
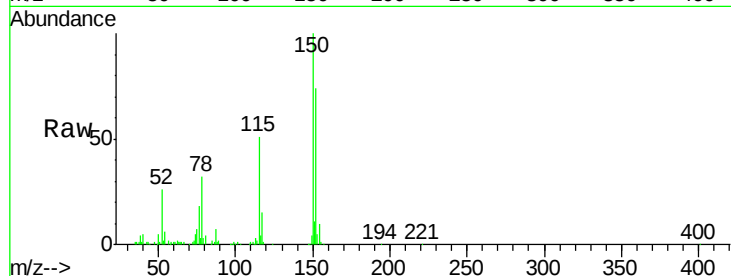


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

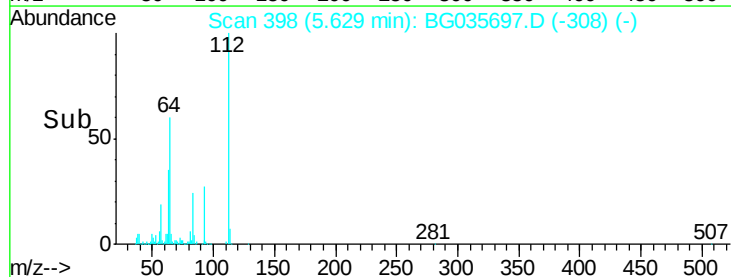
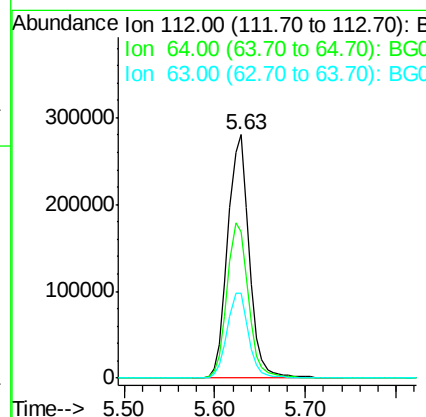
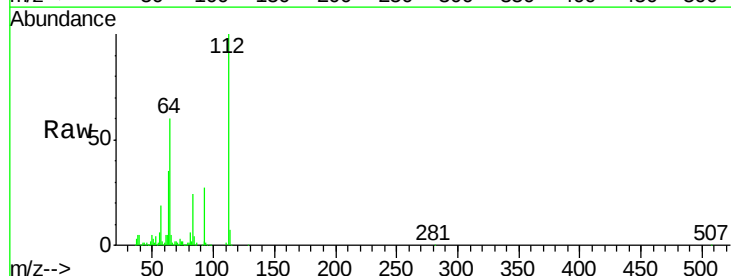
Tgt Ion:152 Resp: 57172
Ion Ratio Lower Upper
152 100
150 135.2 126.6 189.8
115 68.5 53.0 79.4

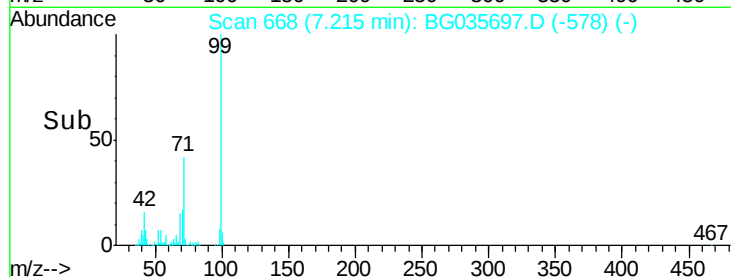
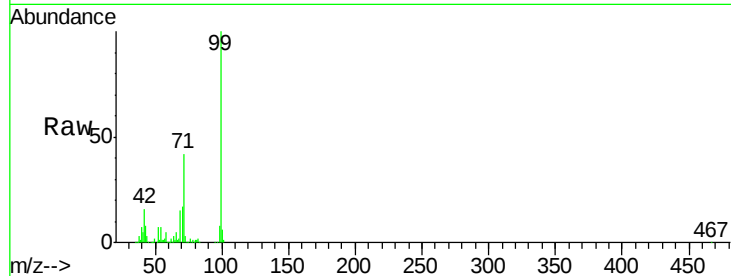
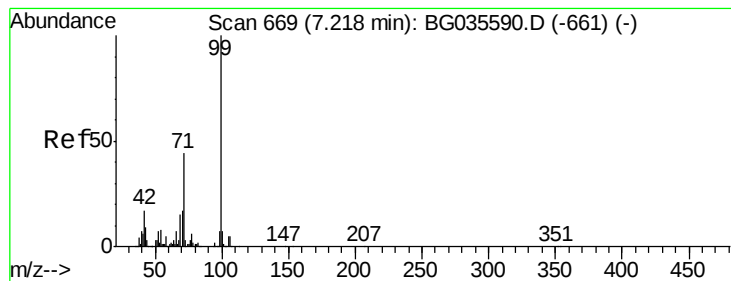


#5

2-Fluorophenol
Concen: 133.852 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:112 Resp: 460934
Ion Ratio Lower Upper
112 100
64 60.0 56.3 84.5
63 34.8 30.1 45.1





#7

Phenol-d6

Concen: 125.287 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Instrument :

BNA_G

ClientSampleId :

PB111100BL

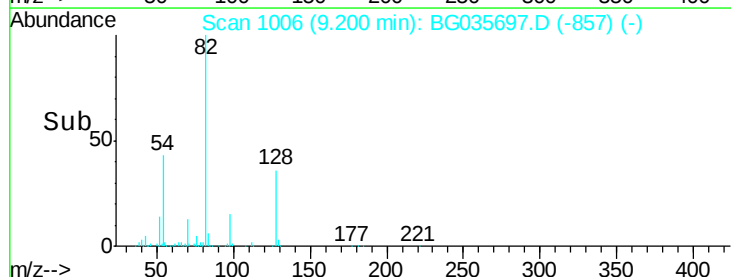
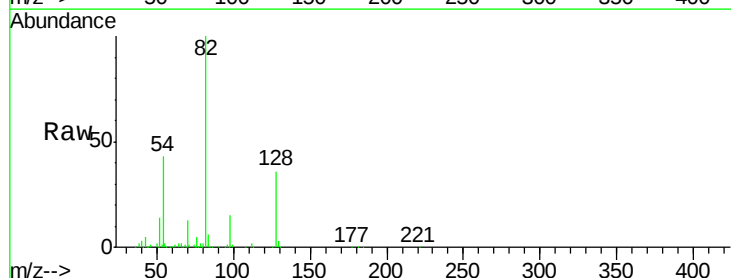
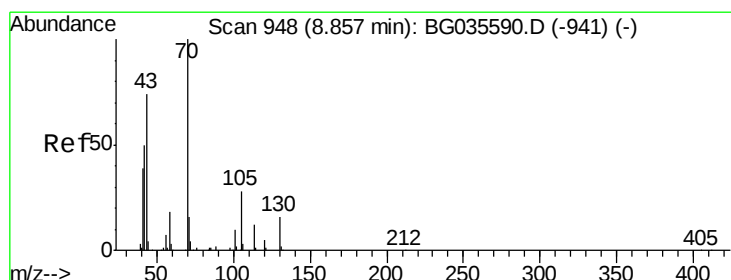
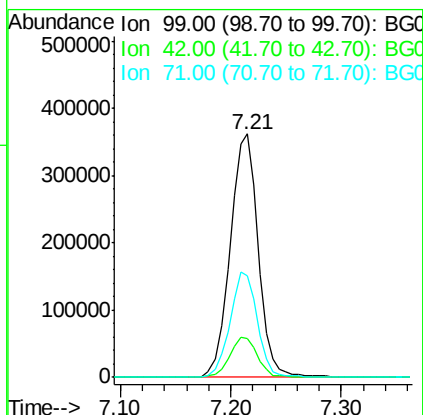
Tgt Ion: 99 Resp: 643703

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.767 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.34 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Tgt Ion: 70 Resp: 55238

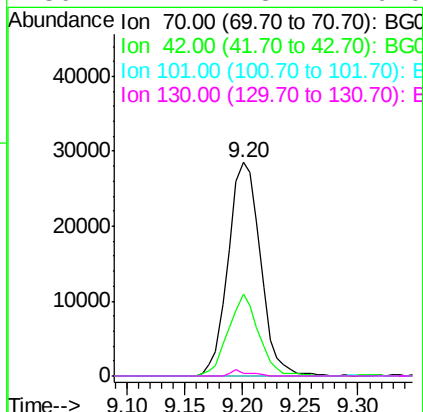
Ion Ratio Lower Upper

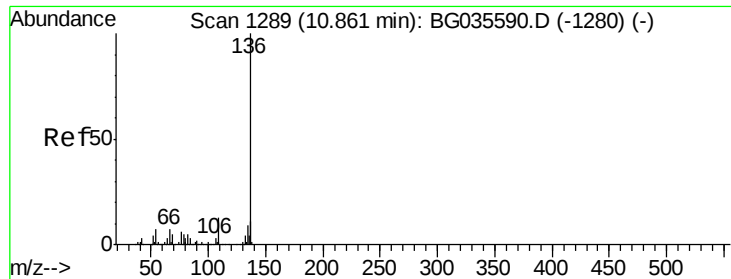
70 100

42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

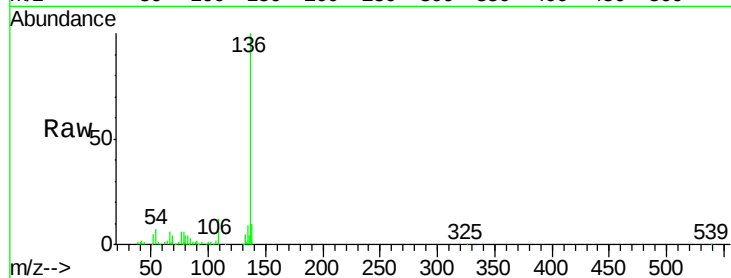




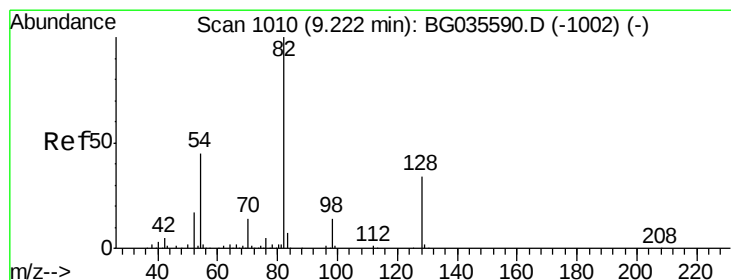
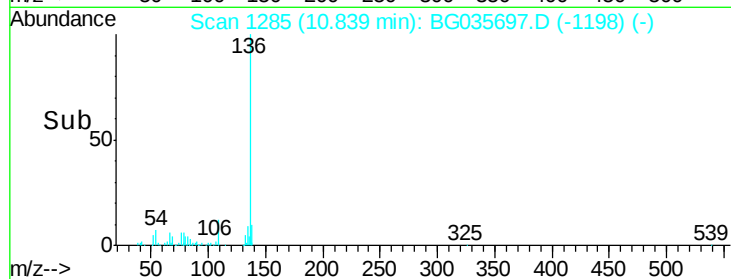
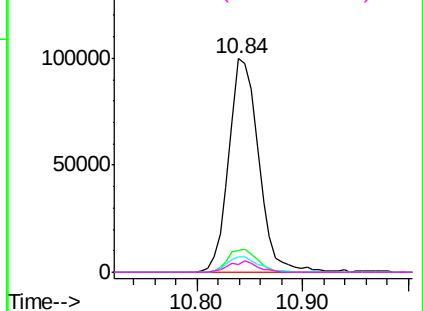
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:	136	Resp:	195546
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.3	10.3	15.5#
68	3.7	4.5	6.7#

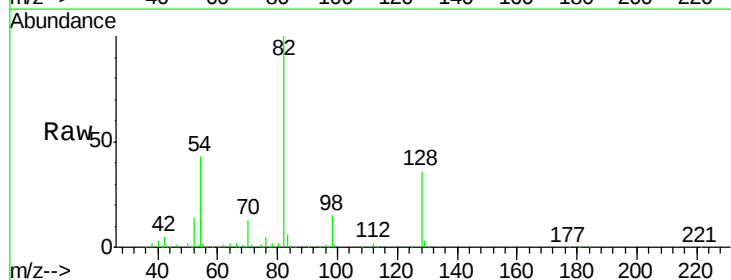


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

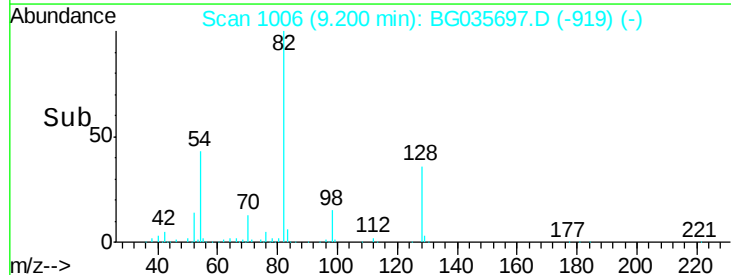
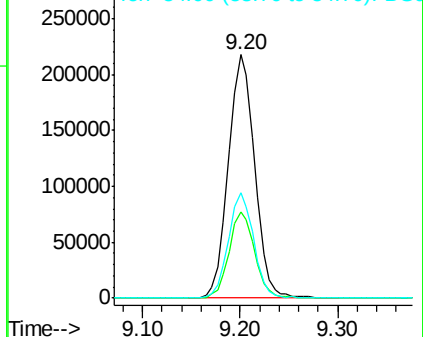


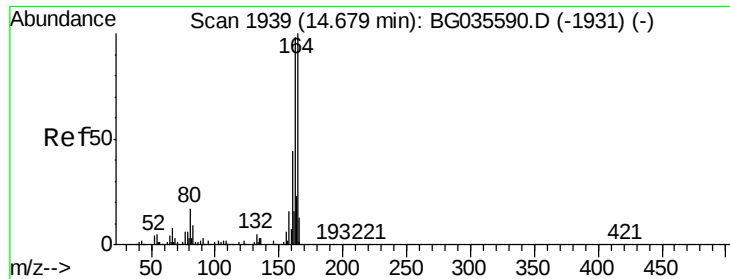
#23
Nitrobenzene-d5
Concen: 87.034 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:	82	Resp:	407405
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	43.5	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Instrument :

BNA_G

ClientSampleId :

PB111100BL

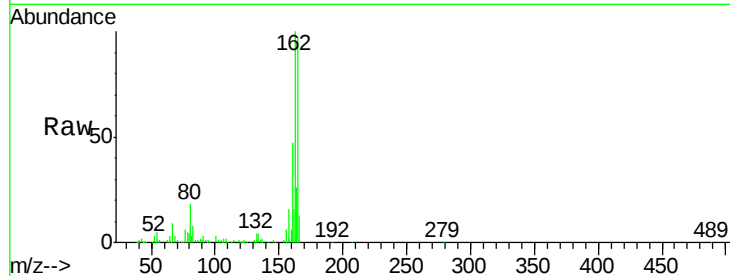
Tgt Ion:164 Resp: 135571

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

160 47.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

120000

100000

80000

60000

40000

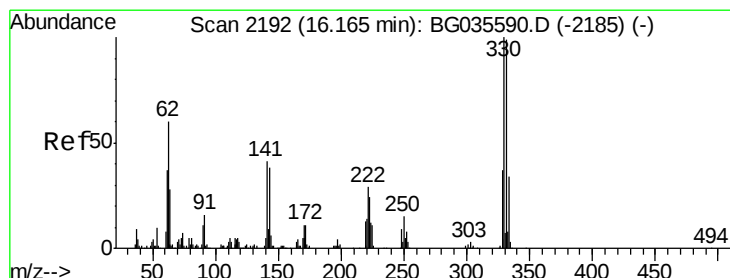
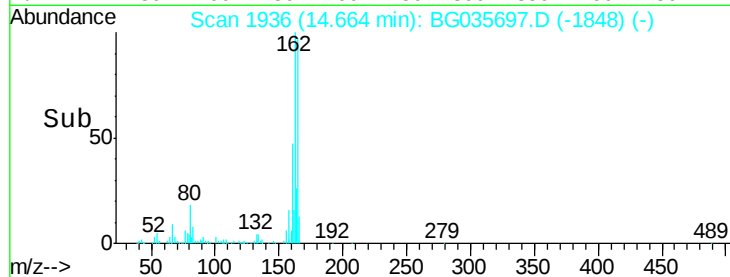
20000

0

14.66

14.60 14.65 14.70

Time-->



#41

2,4,6-Tribromophenol

Concen: 130.352 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

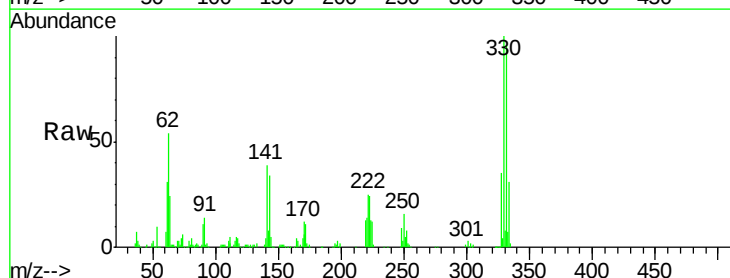
Tgt Ion:330 Resp: 232928

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 38.4 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

150000

100000

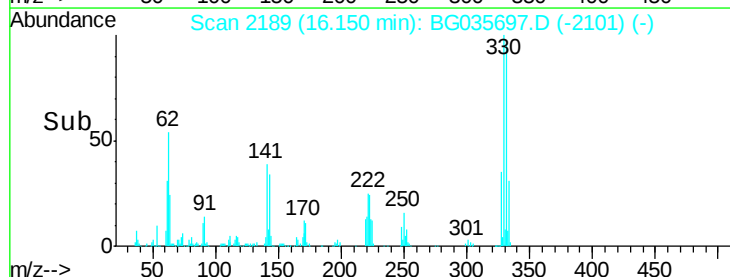
50000

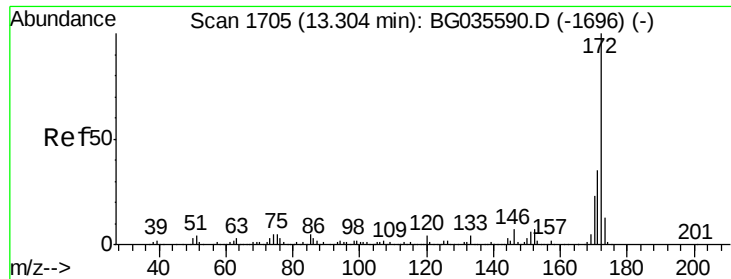
0

16.15

16.10 16.20 16.30

Time-->

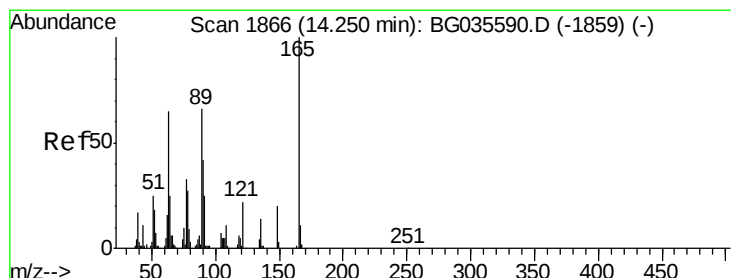
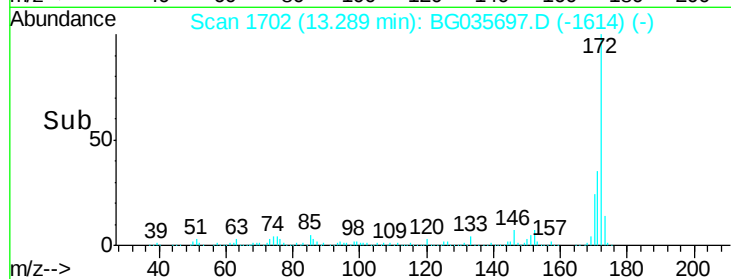
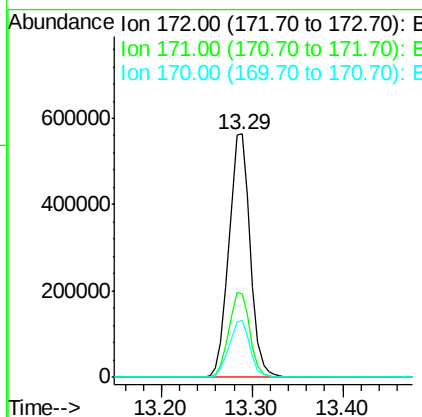
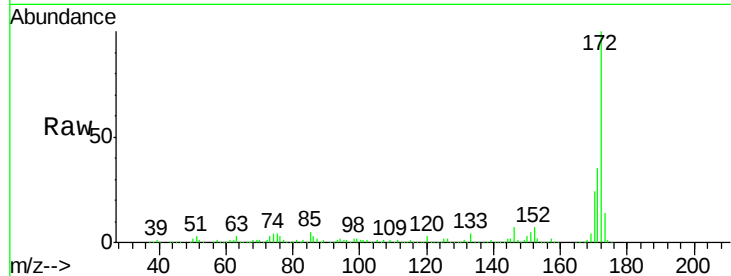




#44
 2-Fluorobiphenyl
 Concen: 91.515 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035697.D
 Acq: 18 Jul 2018 00:26

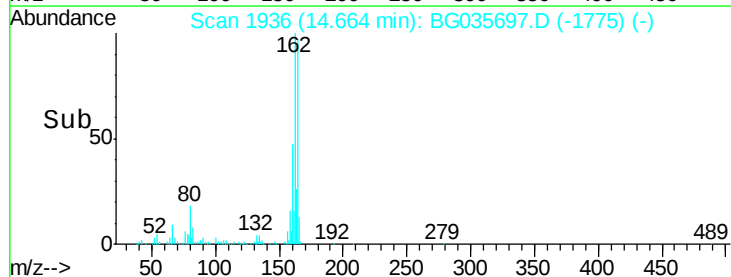
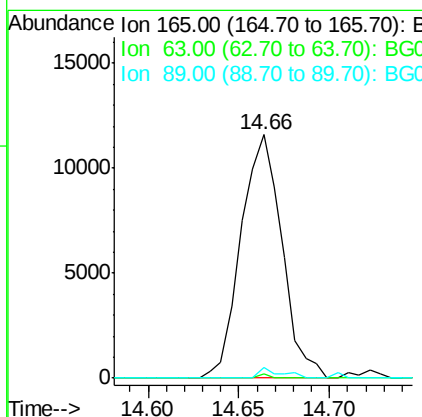
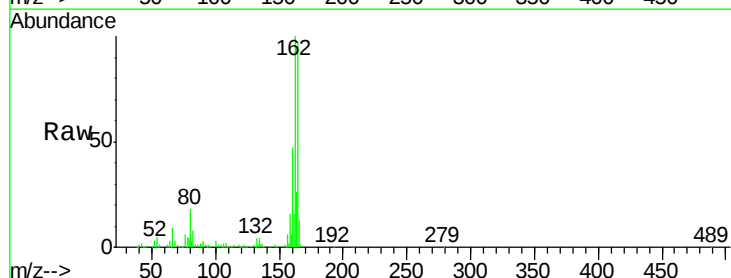
Instrument :
 BNA_G
 ClientSampleId :
 PB111100BL

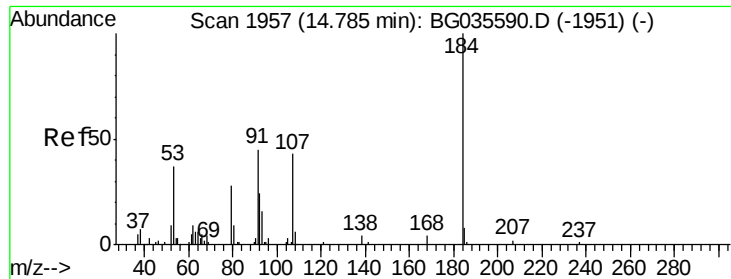
Tgt Ion:172 Resp: 926061
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 23.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.557 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035697.D
 Acq: 18 Jul 2018 00:26

Tgt Ion:165 Resp: 18279
 Ion Ratio Lower Upper
 165 100
 63 1.5 52.7 79.1#
 89 4.4 49.2 73.8#

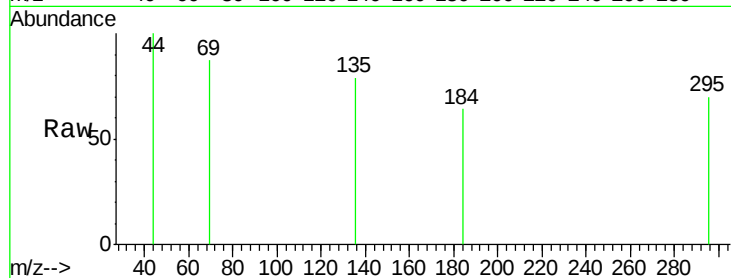




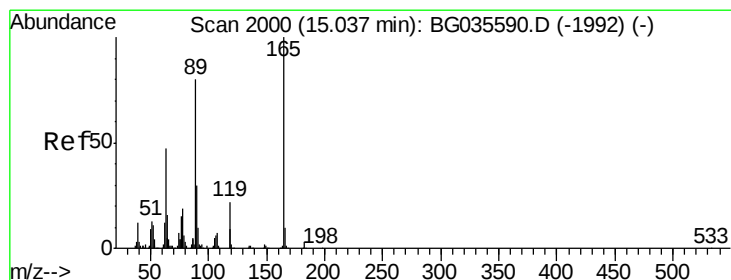
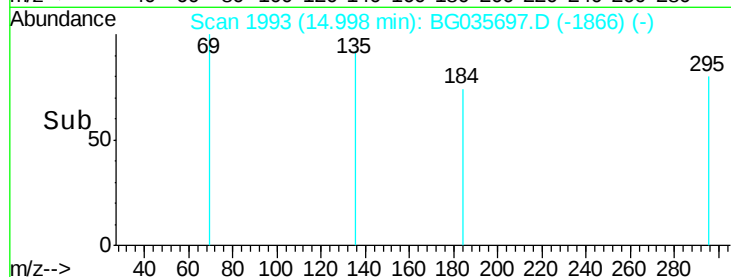
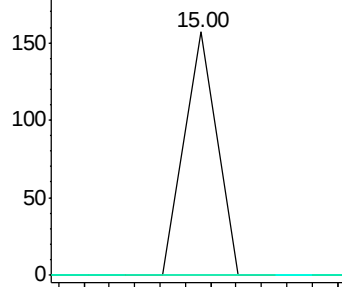
#53
2,4-Dinitrophenol
Concen: 6.623 ng
RT: 15.00 min Scan# 1993
Delta R.T. 0.21 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Instrument :
BNA_G
ClientSampleId :
PB111100BL

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

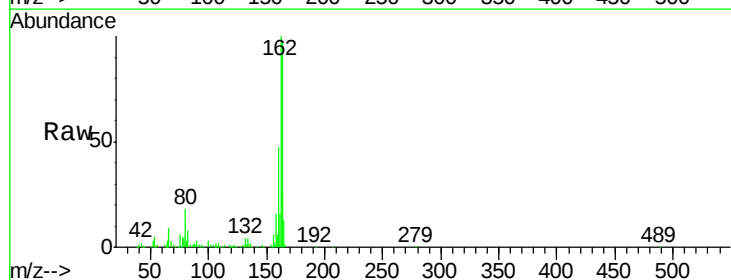


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

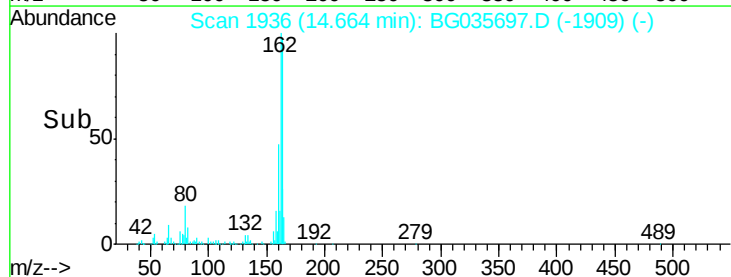
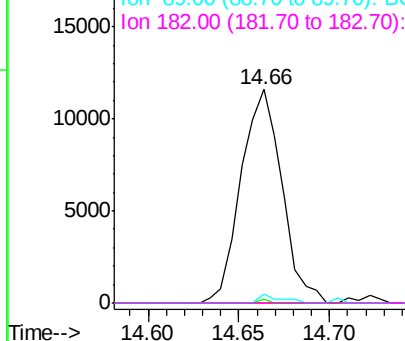


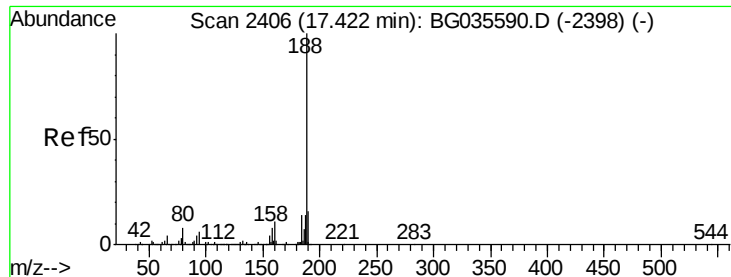
#56
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG035697.D
Acq: 18 Jul 2018 00:26

Tgt Ion:165 Resp: 18279
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 4.4 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. -0.02 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Instrument :

BNA_G

ClientSampleId :

PB111100BL

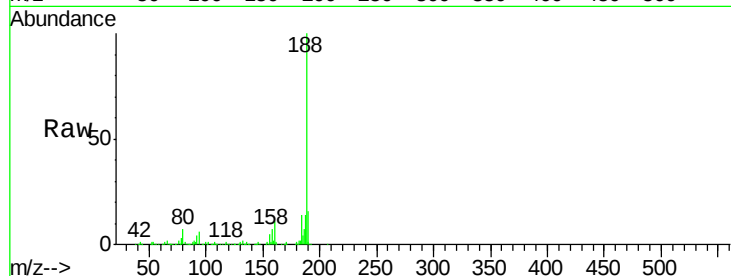
Tgt Ion:188 Resp: 371769

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

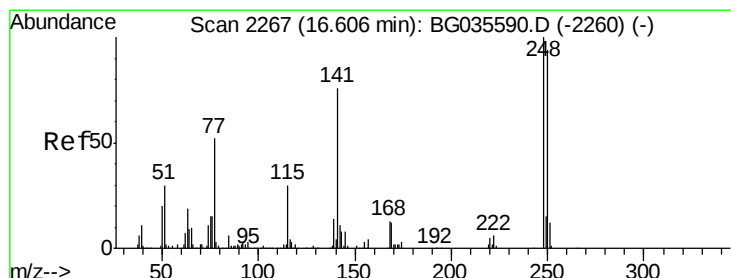
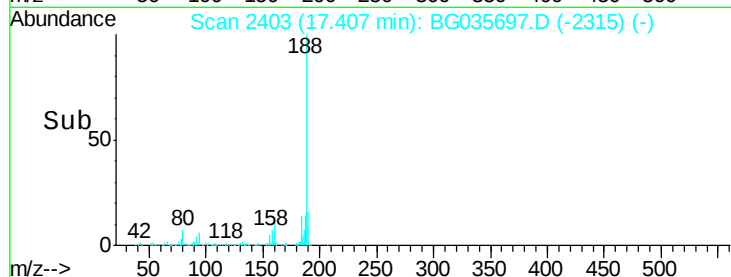
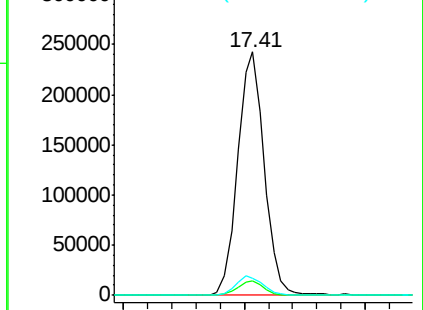
80 7.2 7.7 11.5#



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: 4.447 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

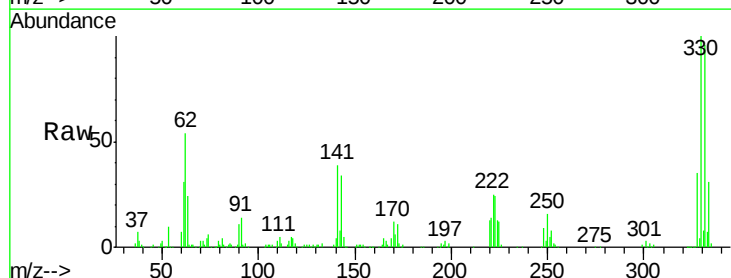
Tgt Ion:248 Resp: 19180

Ion Ratio Lower Upper

248 100

250 184.5 77.1 115.7#

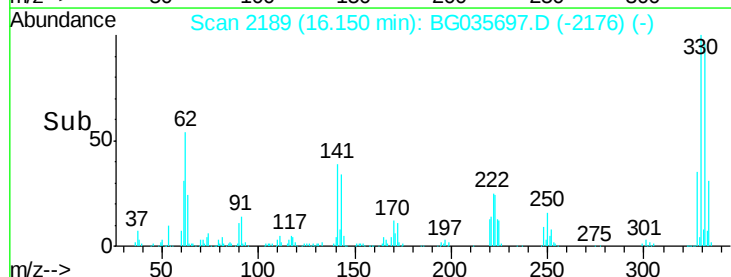
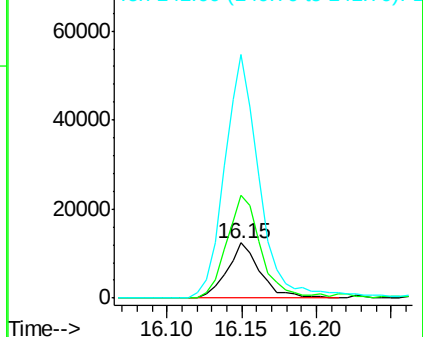
141 439.4 50.8 76.2#

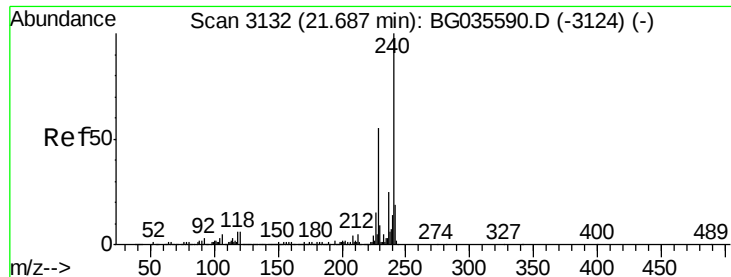


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3129

Delta R.T. -0.02 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Instrument :

BNA_G

ClientSampleId :

PB111100BL

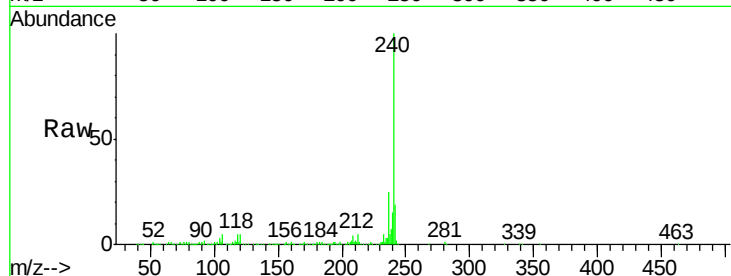
Tgt Ion:240 Resp: 433668

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

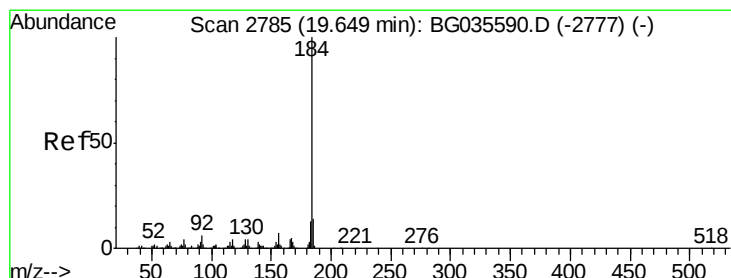
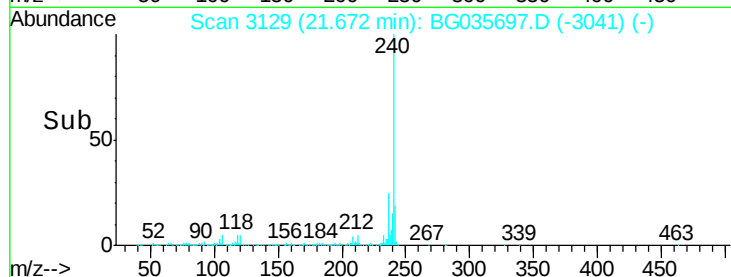
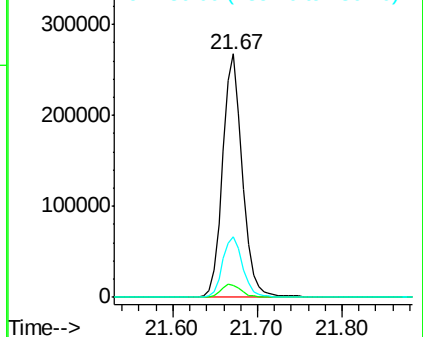
236 24.8 20.9 31.3



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: 2.718 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

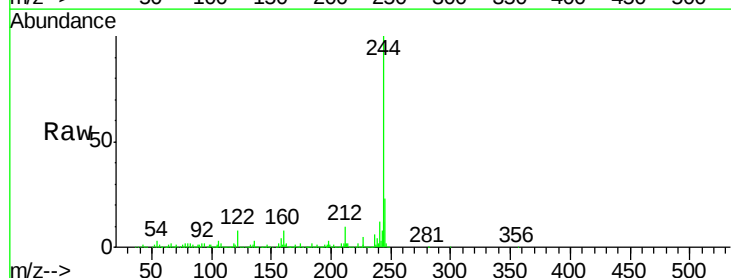
Tgt Ion:184 Resp: 30989

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

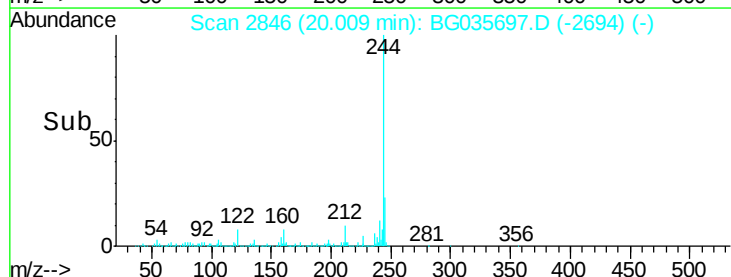
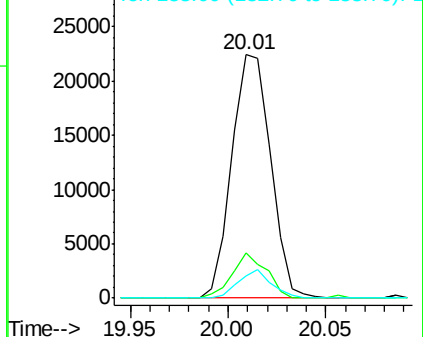
183 9.1 10.6 16.0#

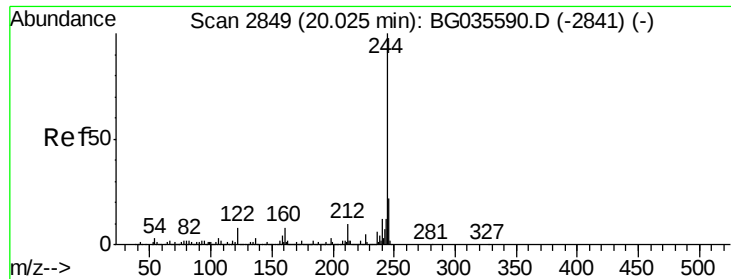


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.054 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

Instrument :

BNA_G

ClientSampleId :

PB111100BL

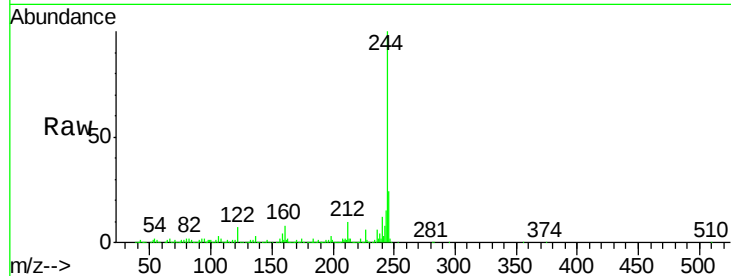
Tgt Ion:244 Resp: 1732345

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

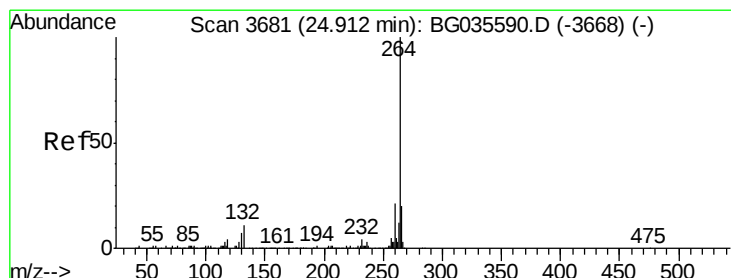
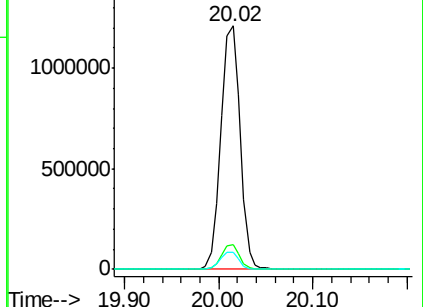
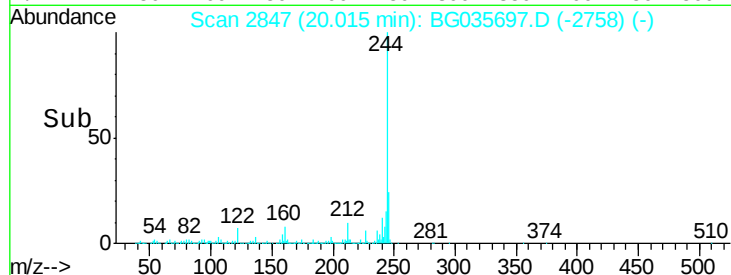
122 7.1 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035697.D

Acq: 18 Jul 2018 00:26

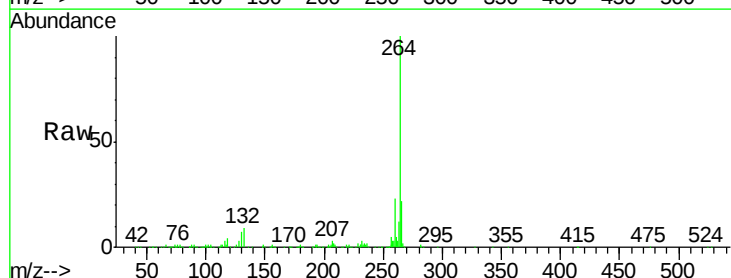
Tgt Ion:264 Resp: 418374

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

