

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
 Data File : BG035765.D
 Acq On : 20 Jul 2018 1:19
 Operator : JU/SJ
 Sample : J4030-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

Quant Time: Jul 20 02:00:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

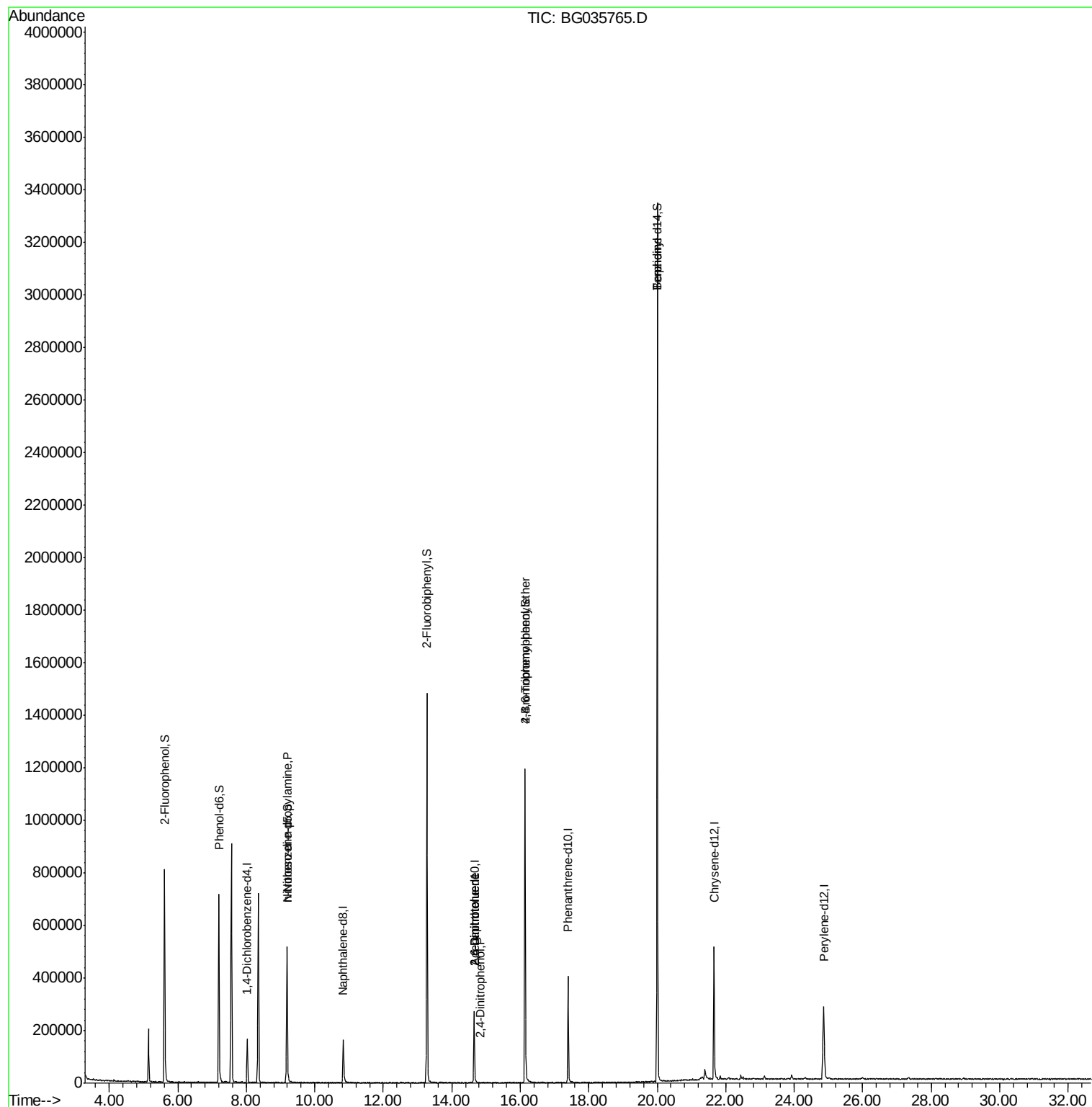
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44632	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	154023	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	105635	20.00	ng	-0.01
63) Phenanthrene-d10	17.39	188	289742	20.00	ng	-0.01
75) Chrysene-d12	21.66	240	345385	20.00	ng	-0.02
86) Perylene-d12	24.86	264	320519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	360176	133.98	ng	0.00
7) Phenol-d6	7.20	99	446532	111.33	ng	0.00
23) Nitrobenzene-d5	9.19	82	364710	98.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	231838	166.51	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	820058	104.01	ng	-0.01
78) Terphenyl-d14	20.00	244	1650941	105.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	52226	15.463	ng	# 67
50) 2,6-Dinitrotoluene	14.66	165	13957	7.405	ng	# 21
53) 2,4-Dinitrophenol	14.84	184	60	6.639	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	13957	5.162	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	19632	5.840	ng	# 1
76) Benzidine	20.01	184	29548	3.254	ng	# 90

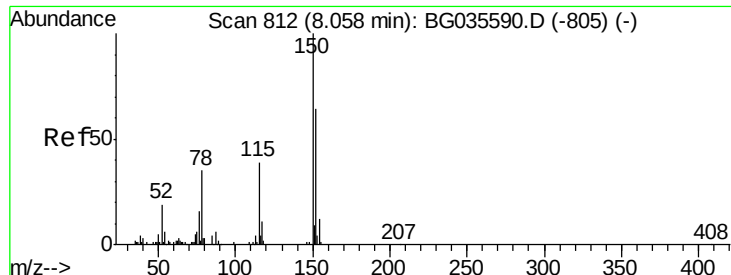
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071918\
Data File : BG035765.D
Acq On : 20 Jul 2018 1:19
Operator : JU/SJ
Sample : J4030-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB9-12-0

Quant Time: Jul 20 02:00:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



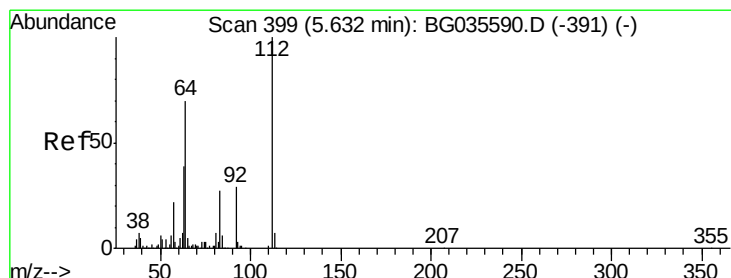
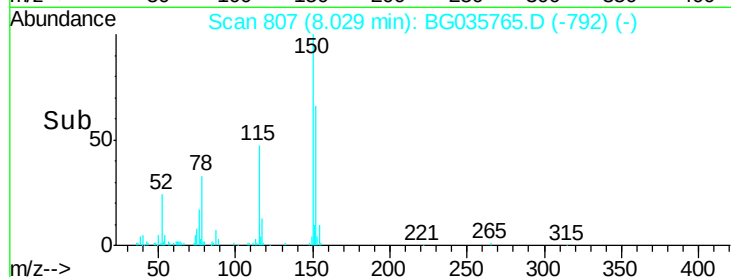
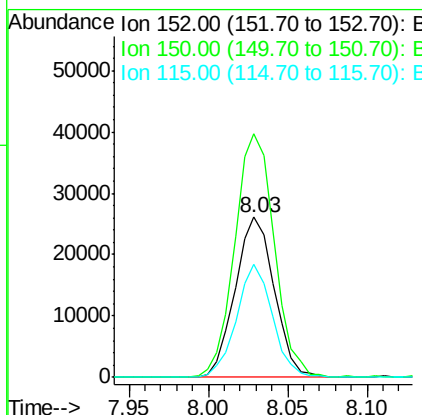
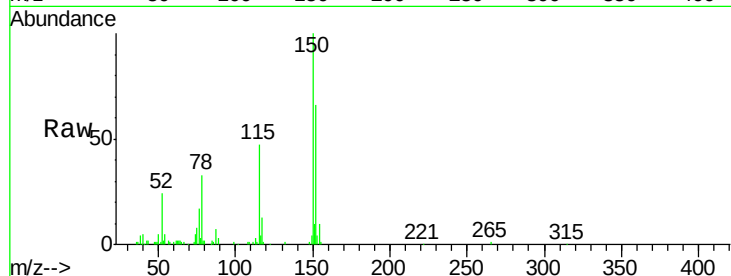


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Instrument :
BNA_G
ClientSampleId :
SB9-12-0

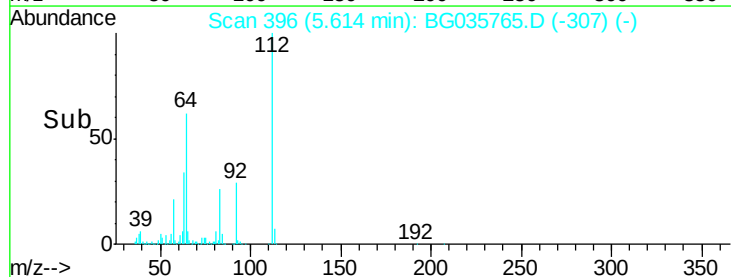
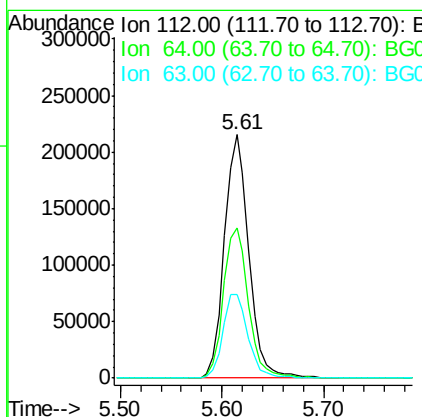
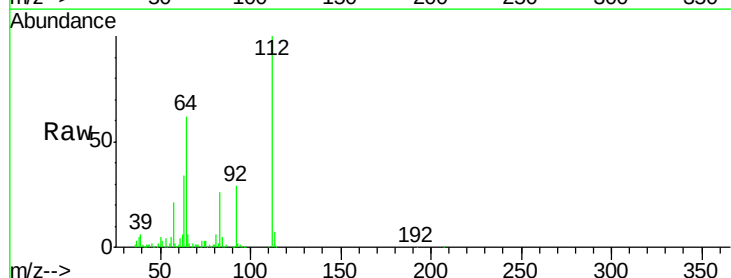
Tgt Ion:152 Resp: 44632
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 70.8 53.0 79.4

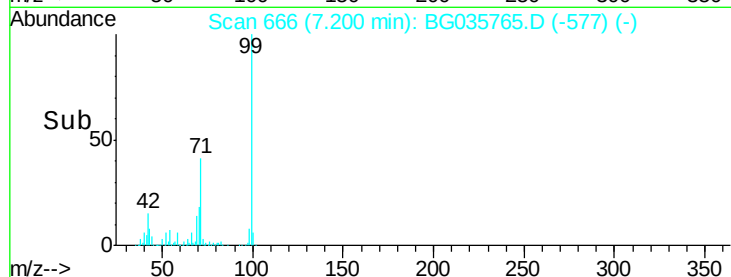
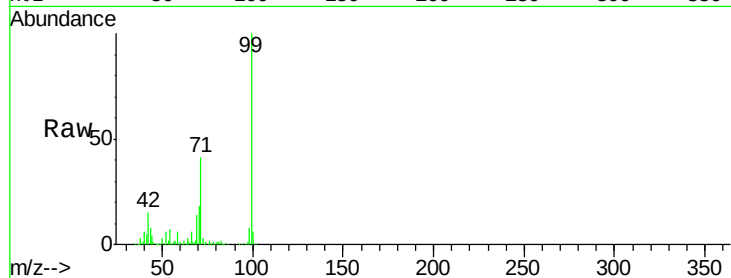
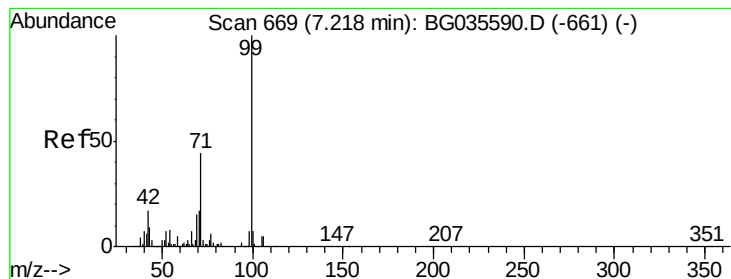


#5

2-Fluorophenol
Concen: 133.979 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Tgt Ion:112 Resp: 360176
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 34.2 30.1 45.1





#7

Phenol-d6

Concen: 111.330 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

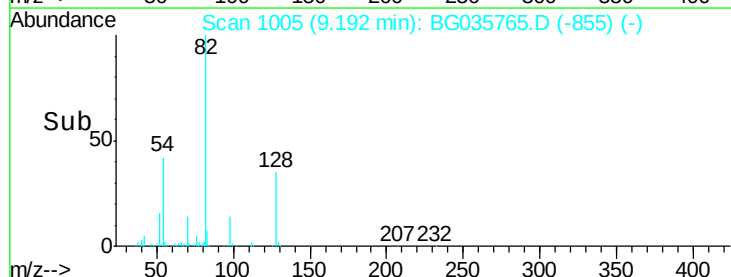
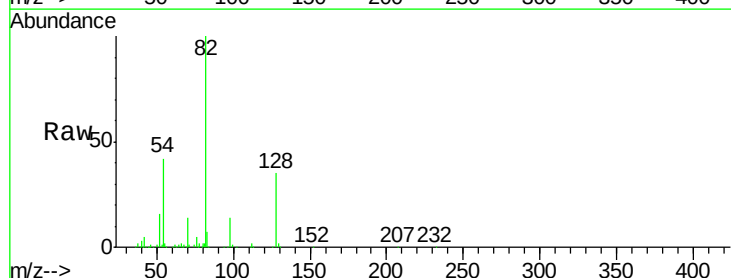
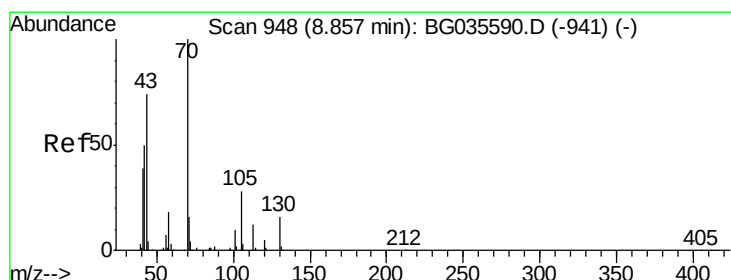
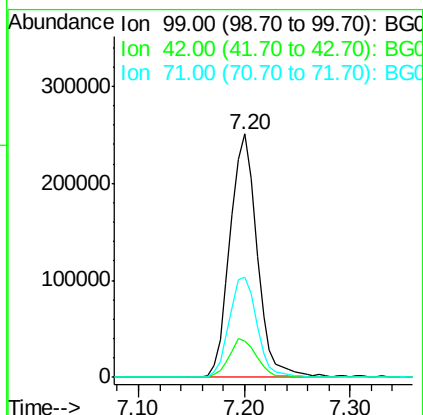
Tgt Ion: 99 Resp: 446532

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 41.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.463 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.35 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Tgt Ion: 70 Resp: 52226

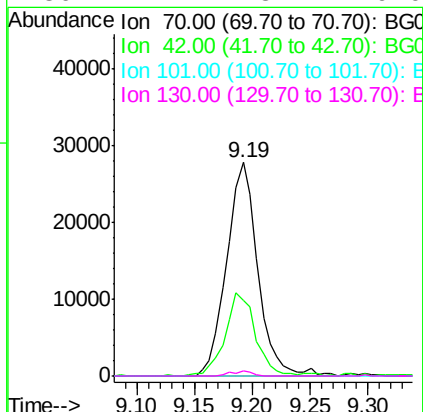
Ion Ratio Lower Upper

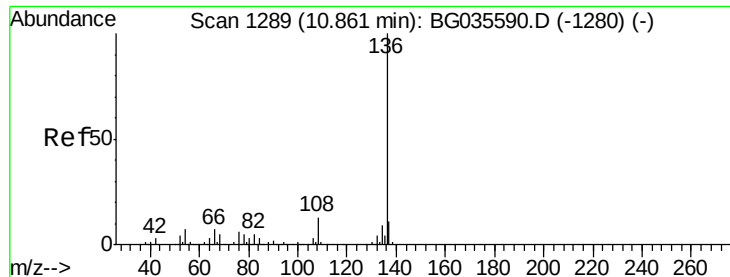
70 100

42 35.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

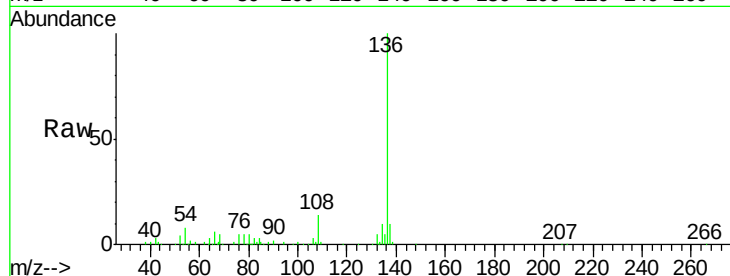




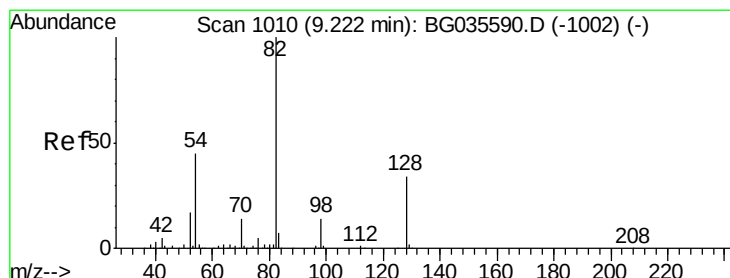
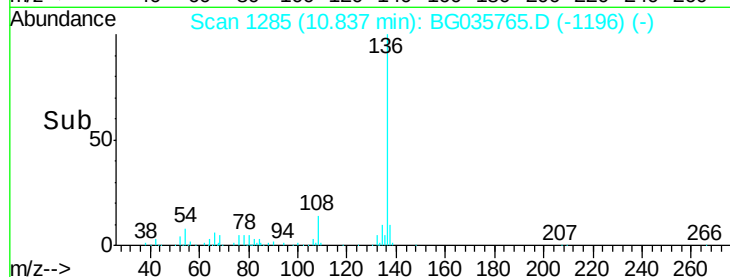
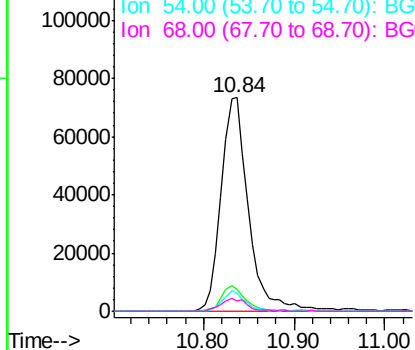
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Instrument :
BNA_G
ClientSampled :
SB9-12-0

Tgt Ion: 136 Resp: 154023
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 8.2 10.3 15.5#
68 5.1 4.5 6.7

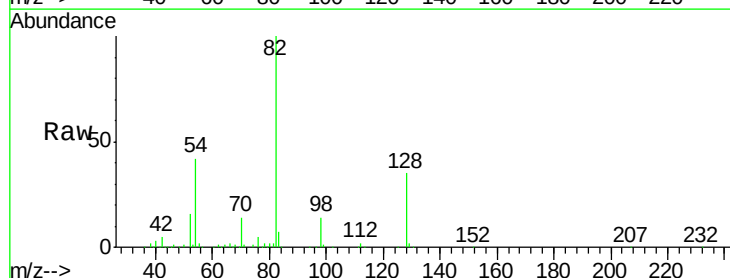


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

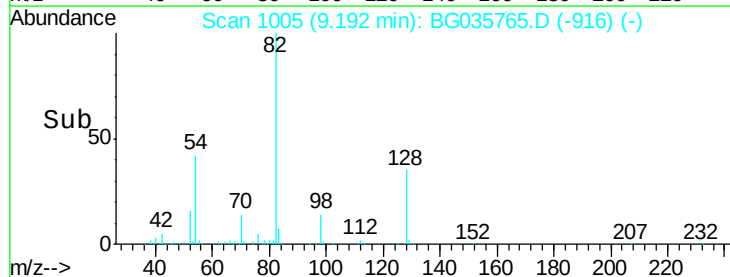
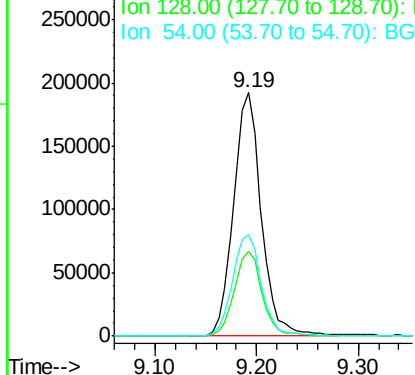


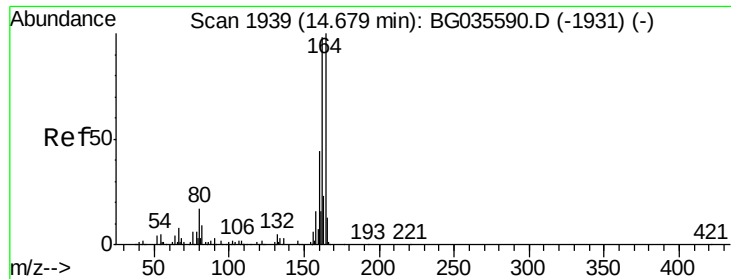
#23
Nitrobenzene-d5
Concen: 98.918 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG035765.D
Acq: 20 Jul 2018 1:19

Tgt Ion: 82 Resp: 364710
Ion Ratio Lower Upper
82 100
128 34.7 29.7 44.5
54 41.7 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

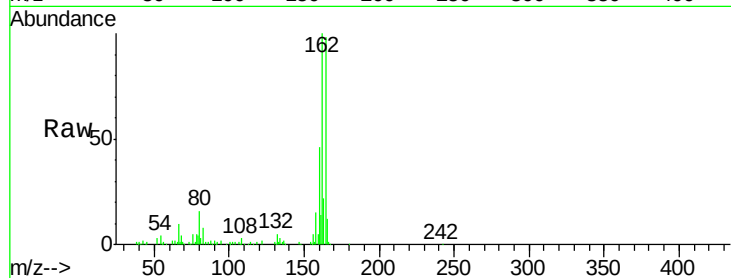
Tgt Ion:164 Resp: 105635

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

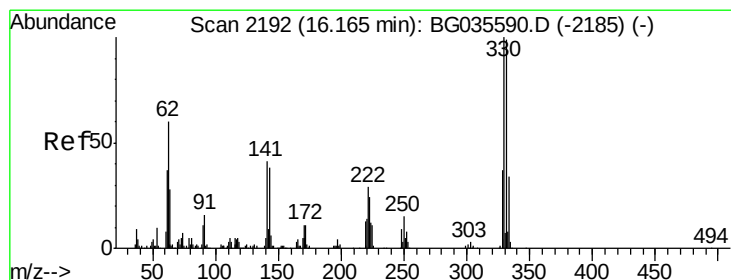
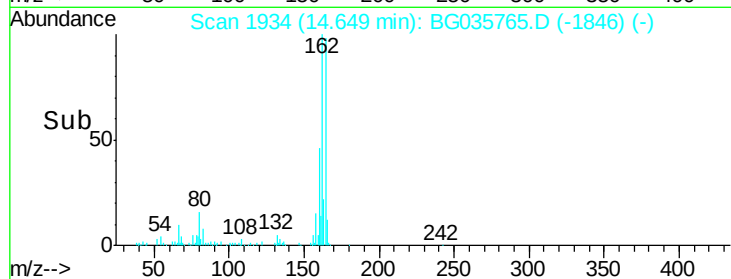
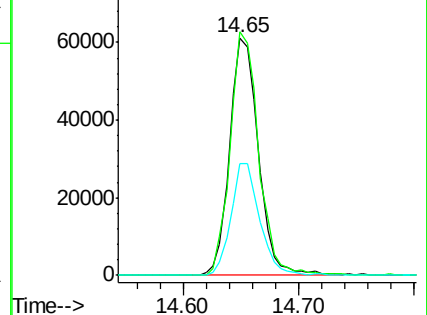
160 47.0 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 166.510 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

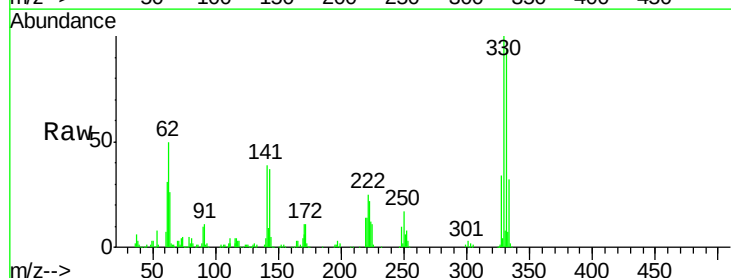
Tgt Ion:330 Resp: 231838

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

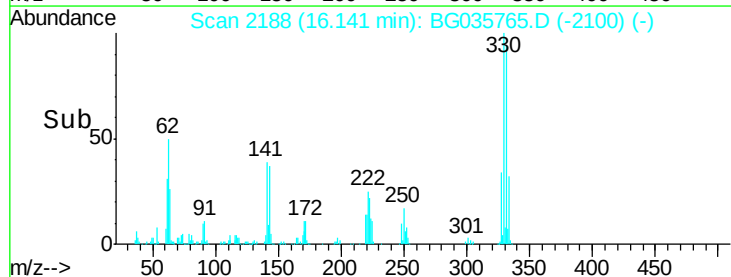
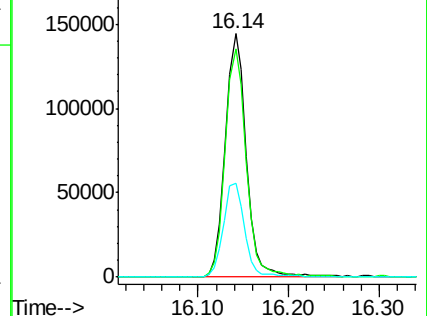
141 38.6 25.2 37.8#

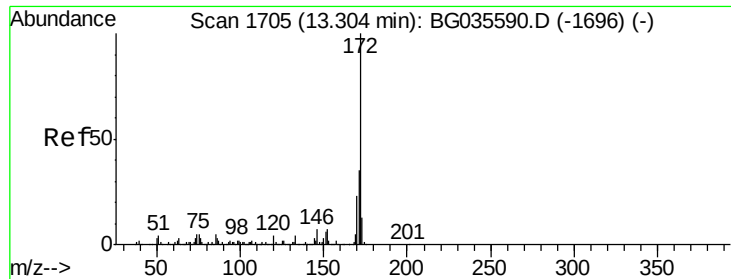


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

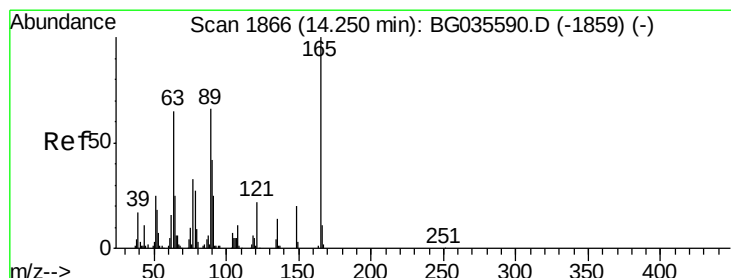
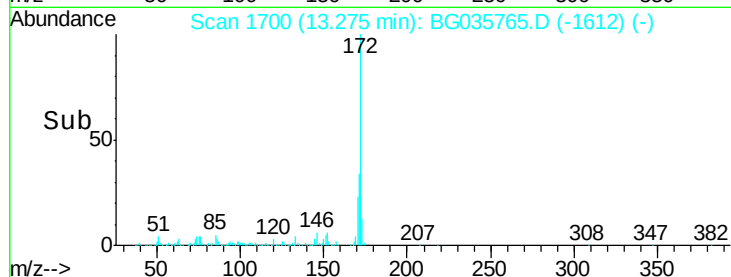
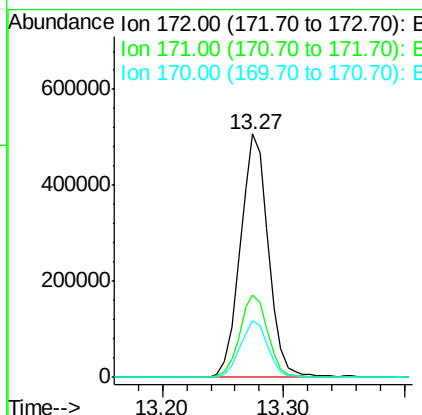
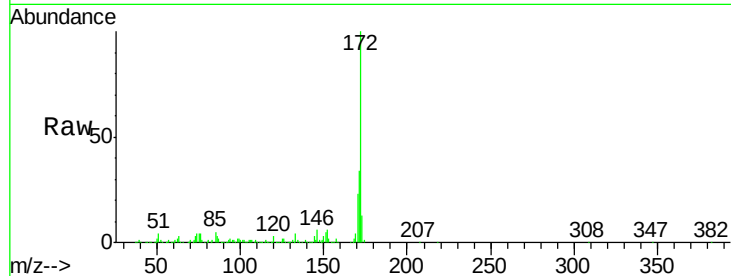




#44
 2-Fluorobiphenyl
 Concen: 104.006 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

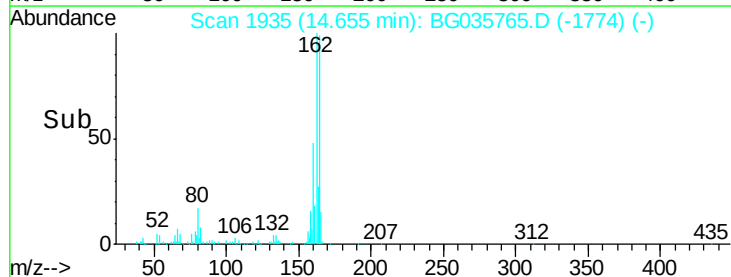
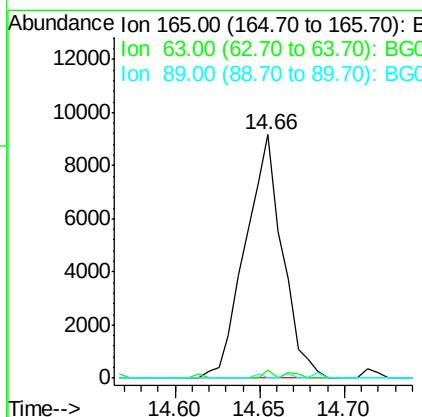
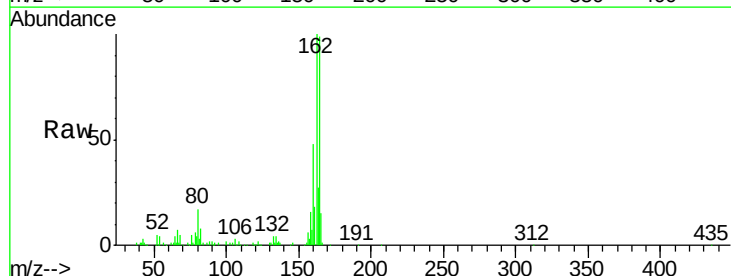
Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

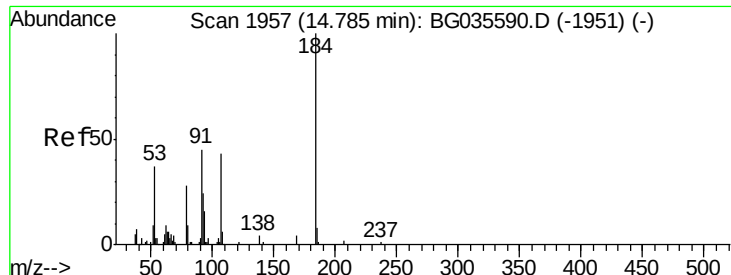
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.405 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.42 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	52.7	79.1#
89	0.0	49.2	73.8#





#53

2,4-Dinitrophenol

Concen: 6.639 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.04 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

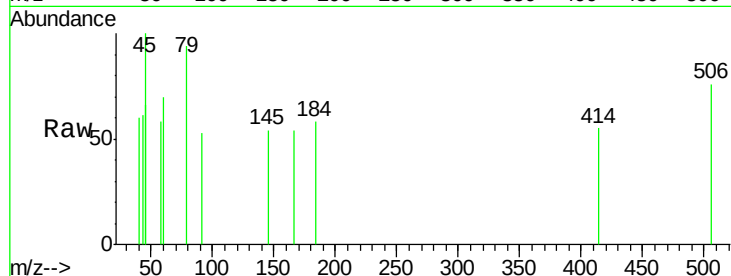
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

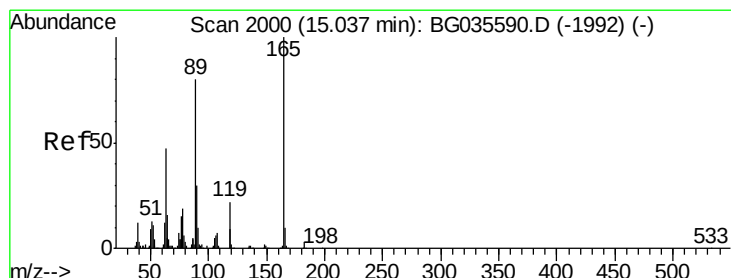
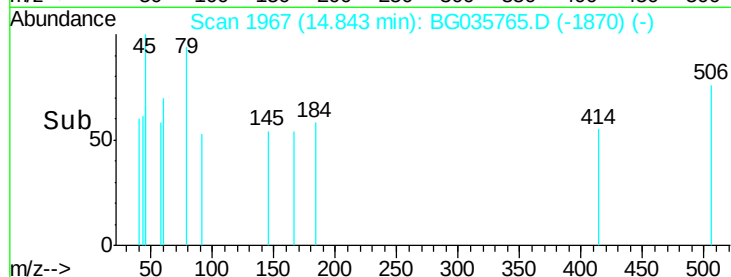
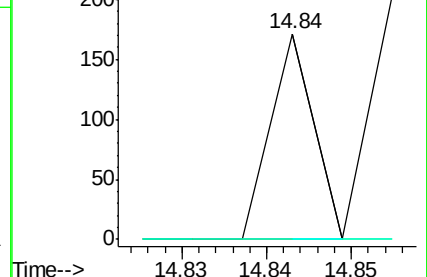
154 0.0 101.8 152.8#



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: 5.162 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.36 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Tgt Ion:165 Resp: 13957

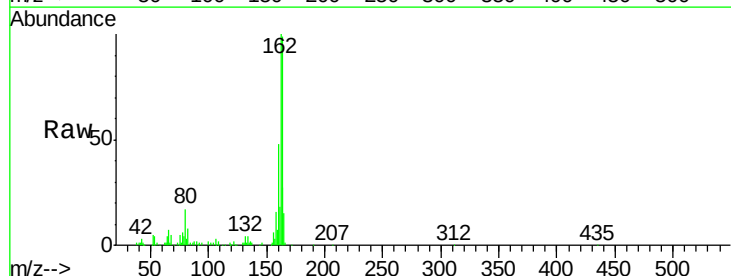
Ion Ratio Lower Upper

165 100

63 3.4 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

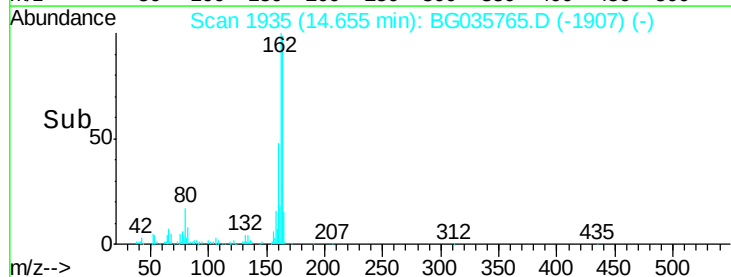
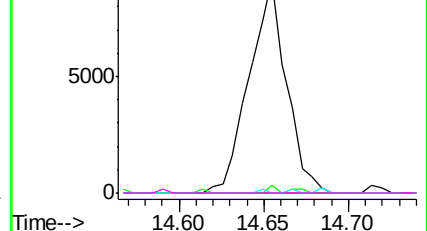


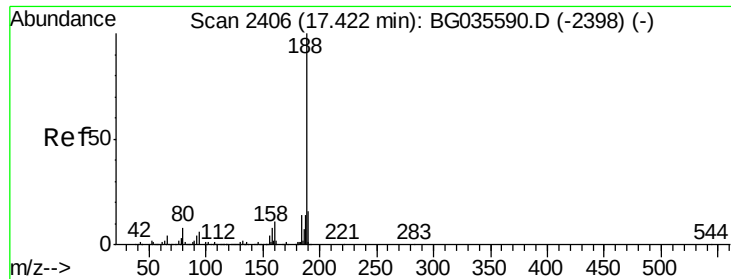
Abundance Ion 165.00 (164.70 to 165.70): E

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

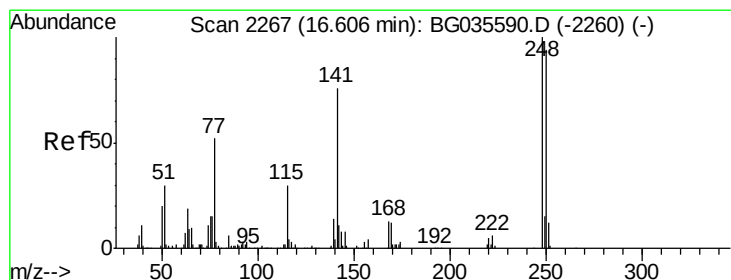
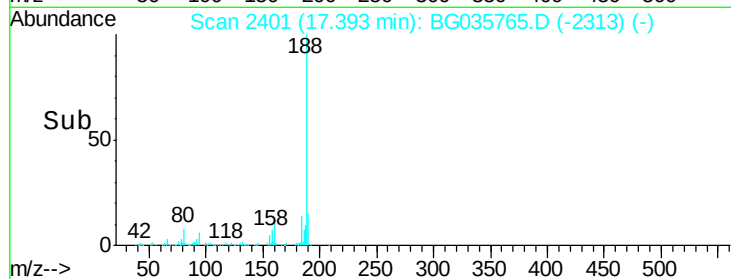
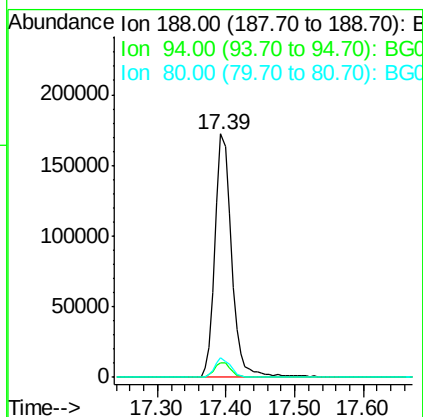
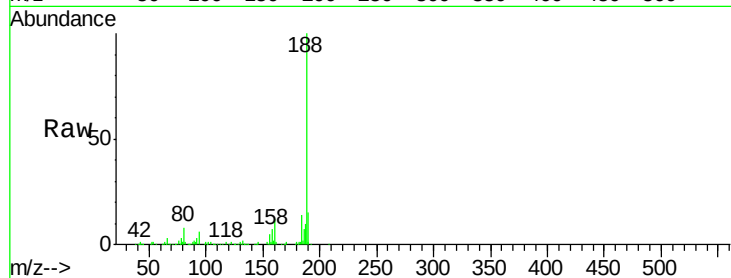




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

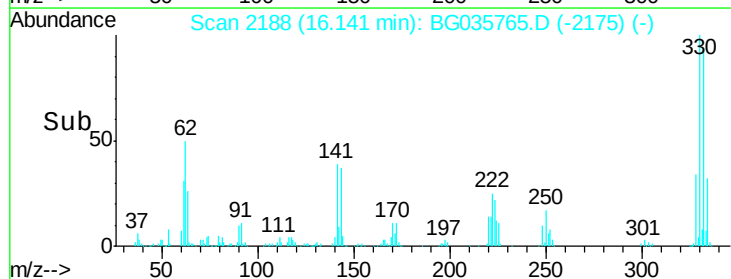
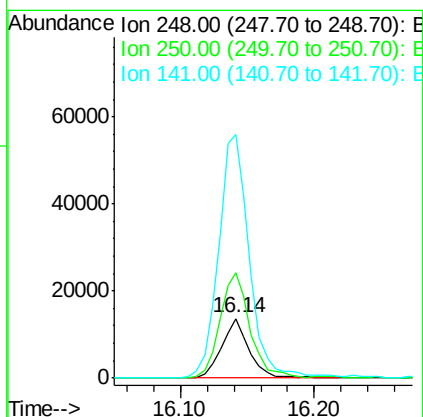
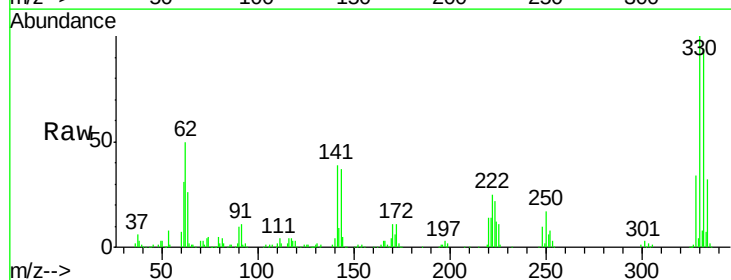
Instrument :
 BNA_G
 ClientSampleId :
 SB9-12-0

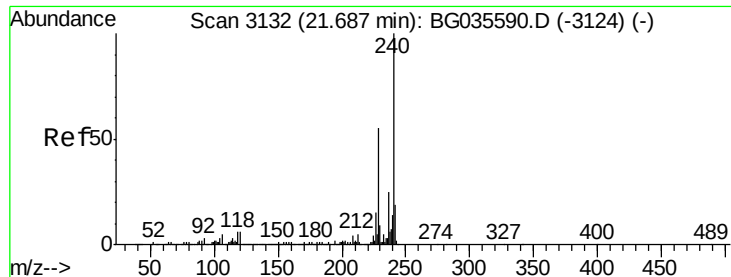
Tgt Ion:188 Resp: 289742
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 8.2 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.840 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.45 min
 Lab File: BG035765.D
 Acq: 20 Jul 2018 1:19

Tgt Ion:248 Resp: 19632
 Ion Ratio Lower Upper
 248 100
 250 176.3 77.1 115.7#
 141 407.4 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

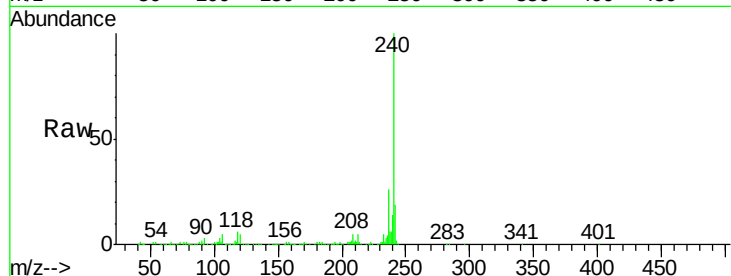
Tgt Ion:240 Resp: 345385

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

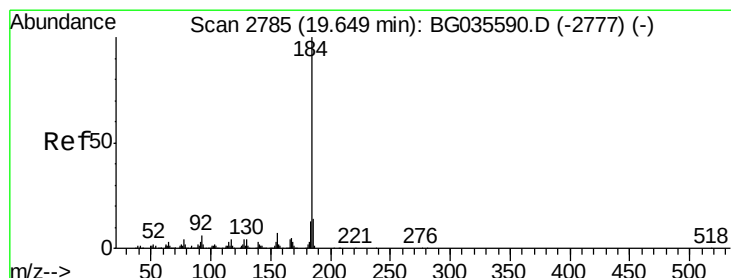
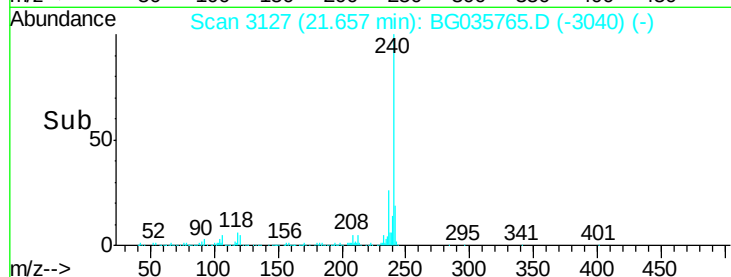
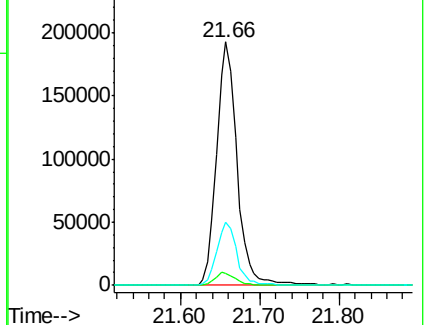
236 25.9 20.9 31.3



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: 3.254 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.37 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

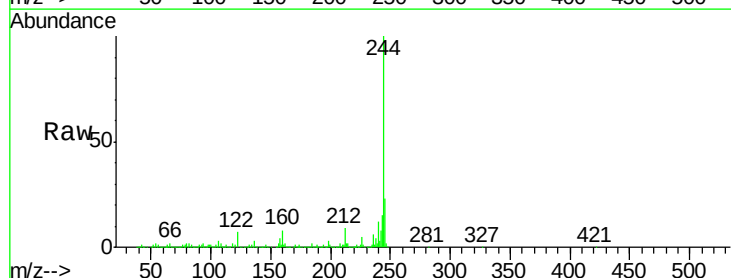
Tgt Ion:184 Resp: 29548

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

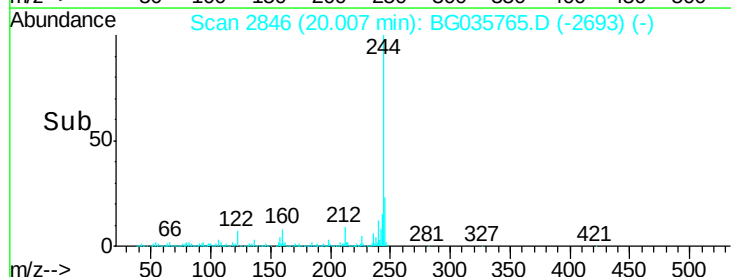
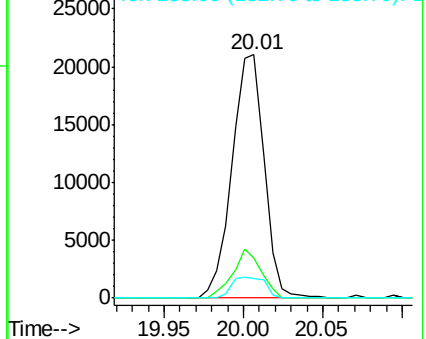
183 8.0 10.6 16.0#

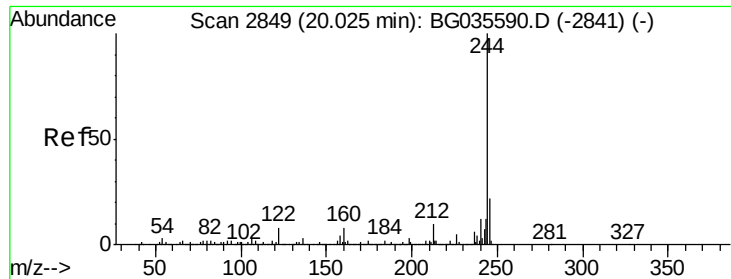


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.366 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

Instrument :

BNA_G

ClientSampleId :

SB9-12-0

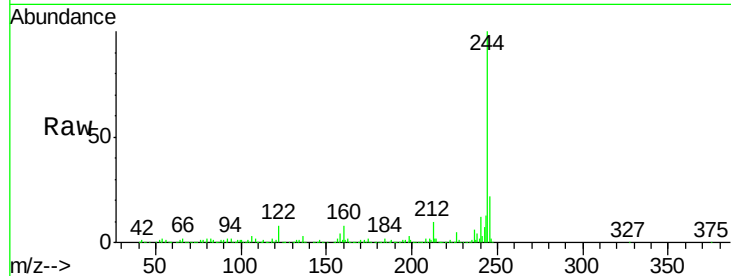
Tgt Ion:244 Resp: 1650941

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

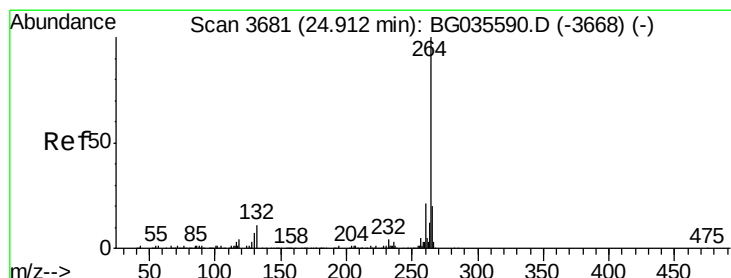
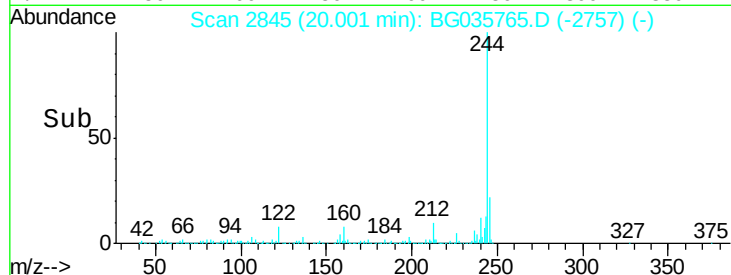
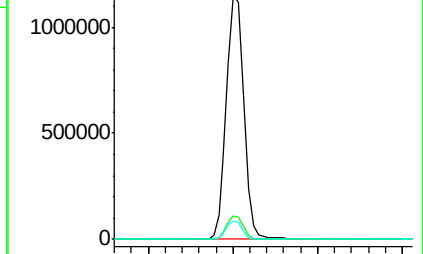
122 7.7 7.0 10.4



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: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035765.D

Acq: 20 Jul 2018 1:19

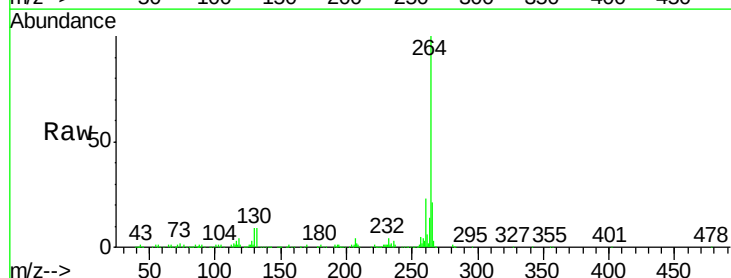
Tgt Ion:264 Resp: 320519

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.1 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

