

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035698.D
 Acq On : 18 Jul 2018 1:05
 Operator : JU/SJ
 Sample : PB111100TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111100TB

Quant Time: Jul 18 04:34:36 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

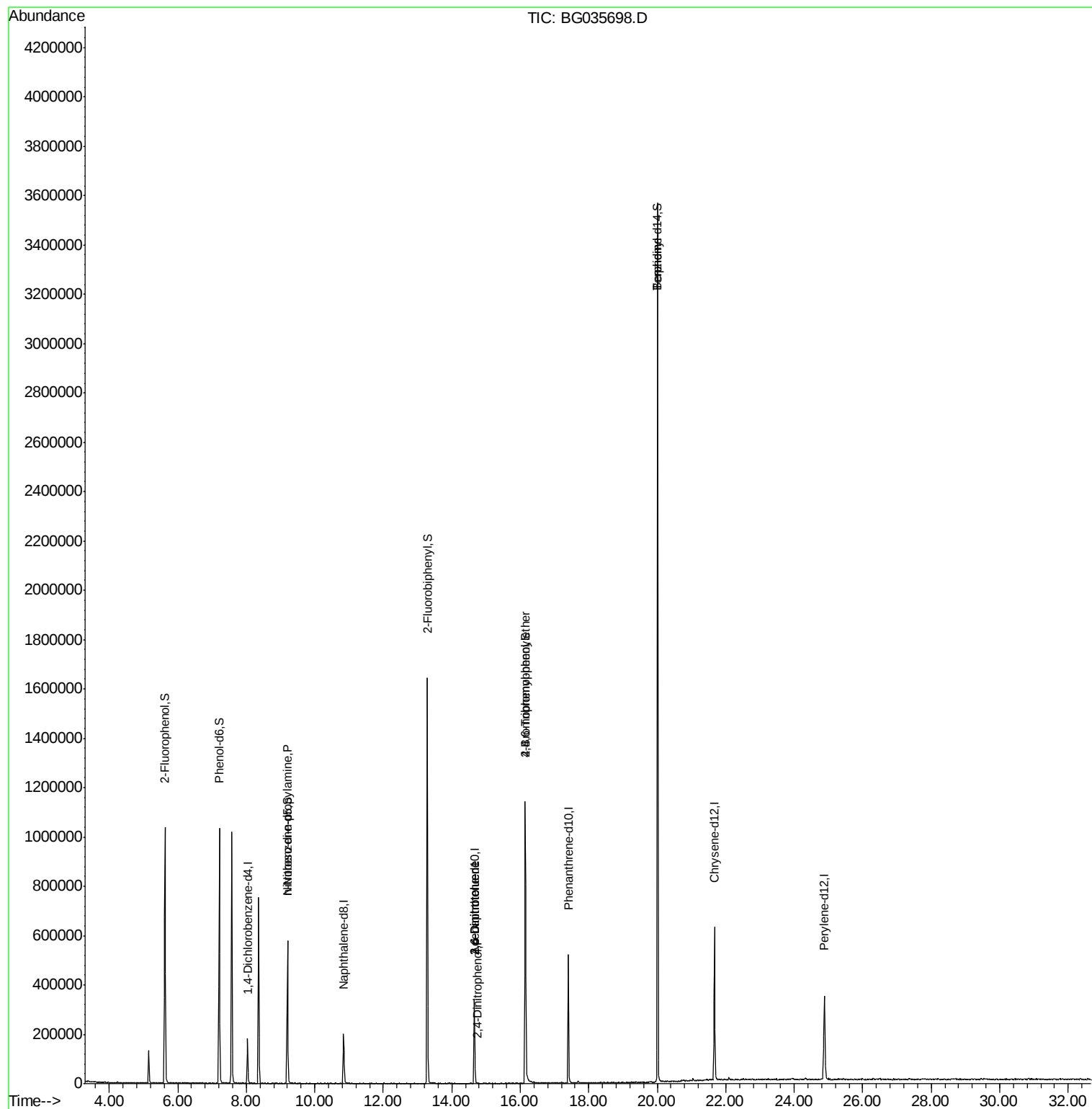
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51359	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	181053	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	126014	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	348645	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	401568	20.00	ng	-0.02
86) Perylene-d12	24.88	264	383337	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	448964	145.13	ng	0.00
7) Phenol-d6	7.21	99	628086	136.08	ng	0.00
23) Nitrobenzene-d5	9.20	82	401443	92.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	229727	138.31	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	908806	96.62	ng	-0.02
78) Terphenyl-d14	20.01	244	1713142	94.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	54714	14.078	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	16832	7.487	ng	# 20
53) 2,4-Dinitrophenol	14.74	184	61	6.631	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	16832	5.218	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	18038	4.459	ng	# 1
76) Benzidine	20.01	184	30101	2.851	ng	# 86

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

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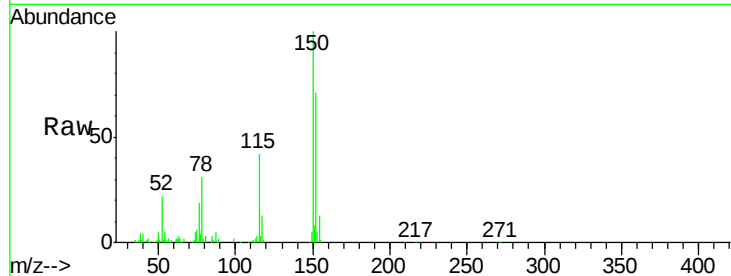


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Instrument :
BNA_G
ClientSampleId :
PB111100TB

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.8	126.6	189.8
115	59.7	53.0	79.4

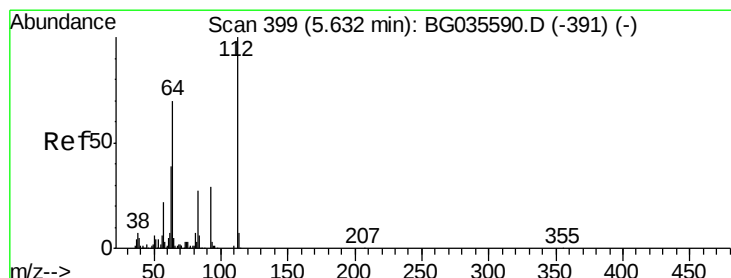
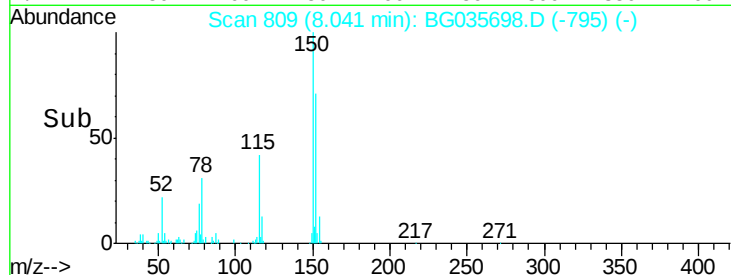
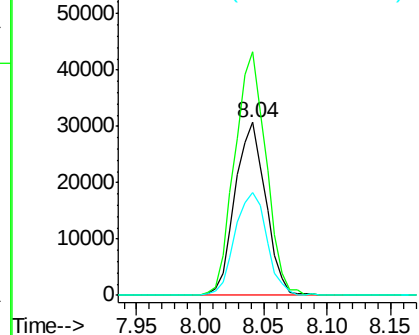


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

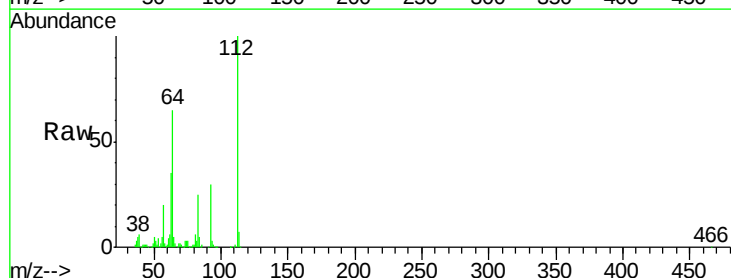
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 145.132 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	34.7	30.1	45.1

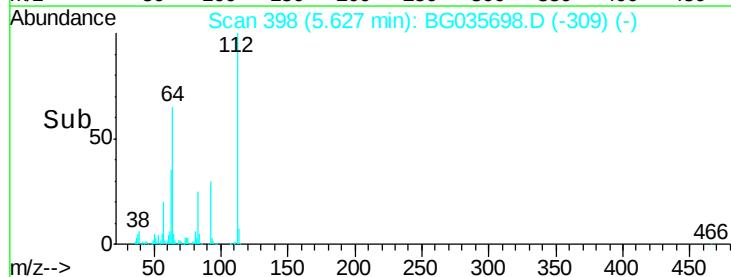
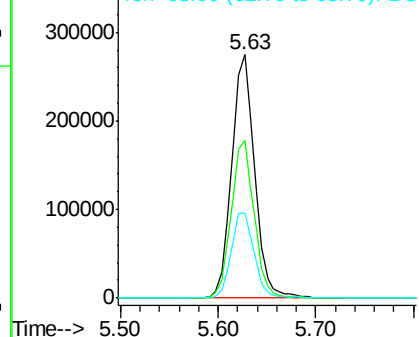


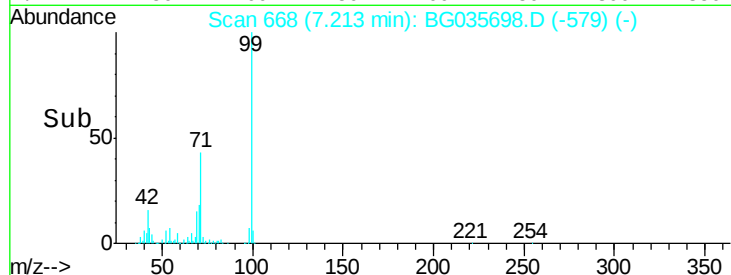
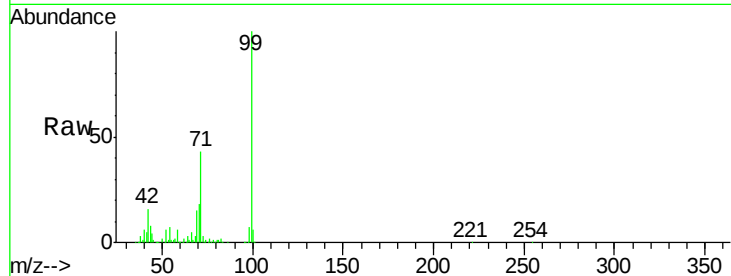
Abundance

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: 136.084 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

Instrument :

BNA_G

ClientSampleId :

PB111100TB

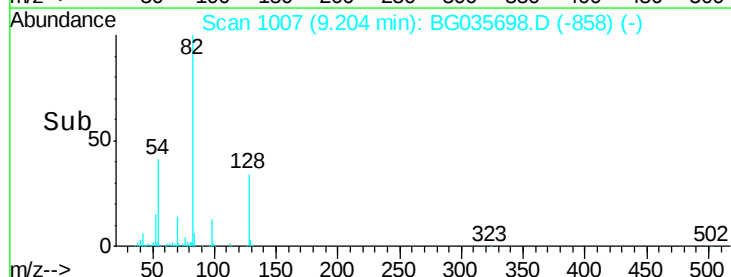
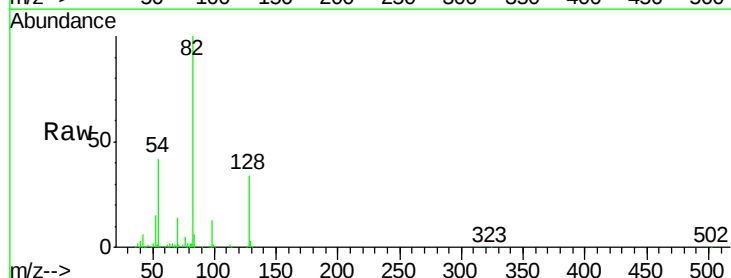
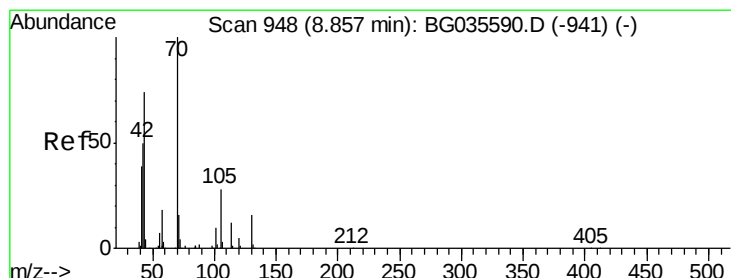
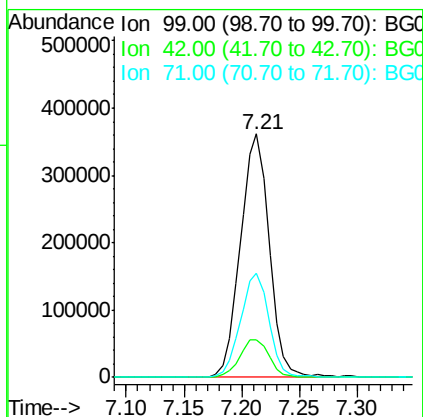
Tgt Ion: 99 Resp: 628086

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 42.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.078 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

Tgt Ion: 70 Resp: 54714

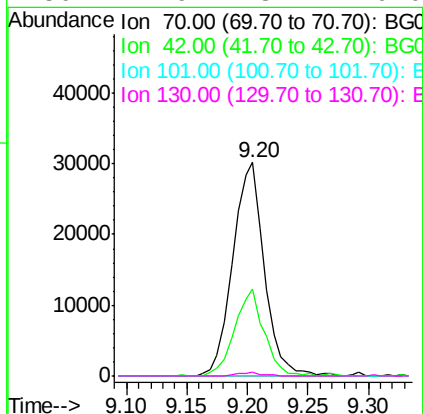
Ion Ratio Lower Upper

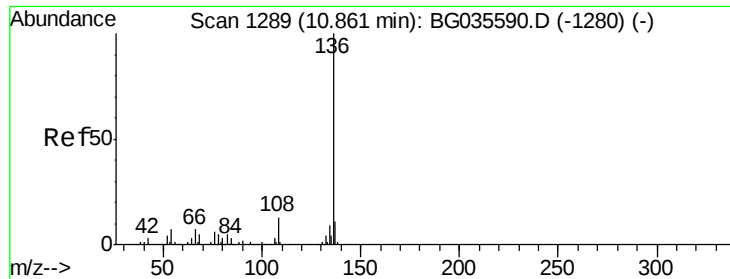
70 100

42 40.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

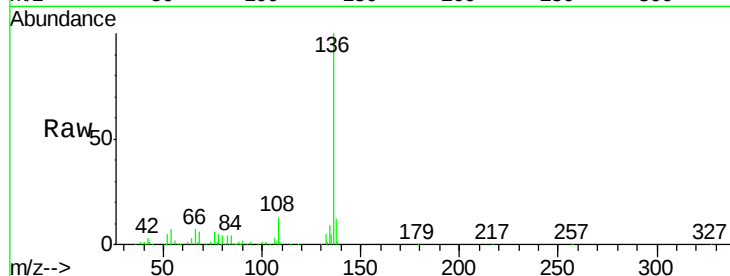




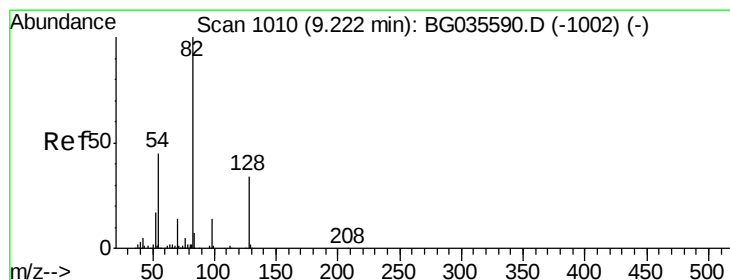
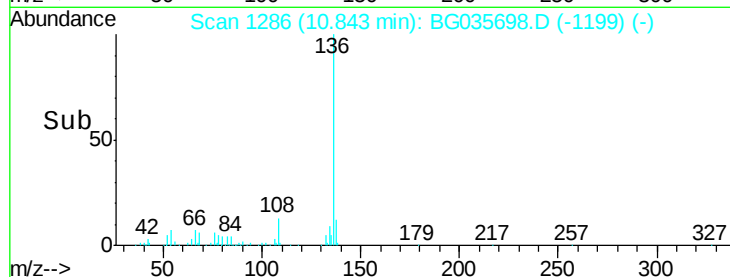
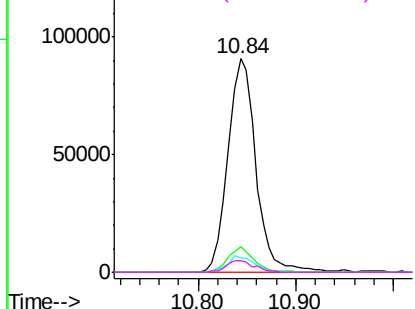
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Instrument :
BNA_G
ClientSampleId :
PB111100TB

Tgt Ion:	136	Resp:	181053
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.8	10.3	15.5#
68	5.7	4.5	6.7

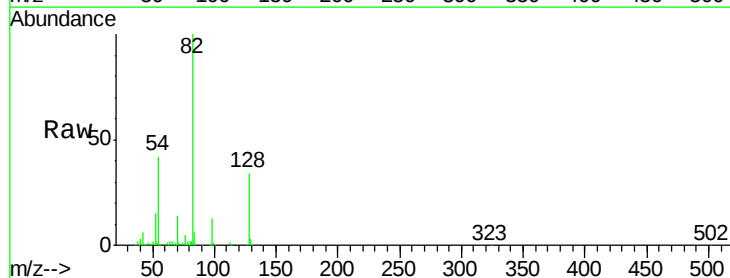


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

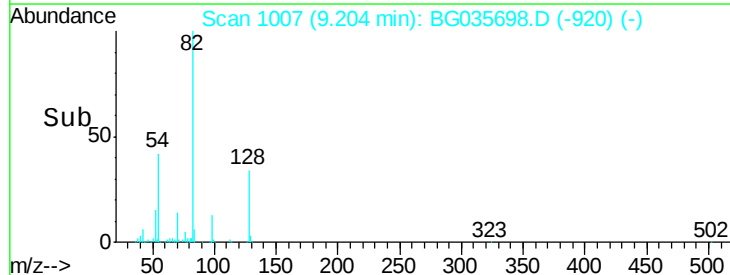
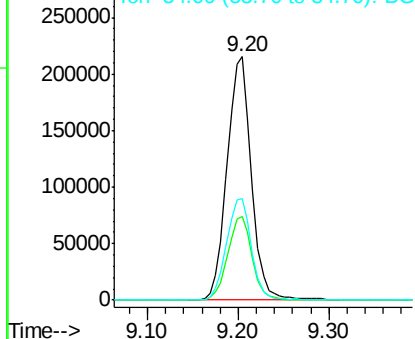


#23
Nitrobenzene-d5
Concen: 92.626 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Tgt Ion:	82	Resp:	401443
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	41.6	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

Instrument :

BNA_G

ClientSampleId :

PB111100TB

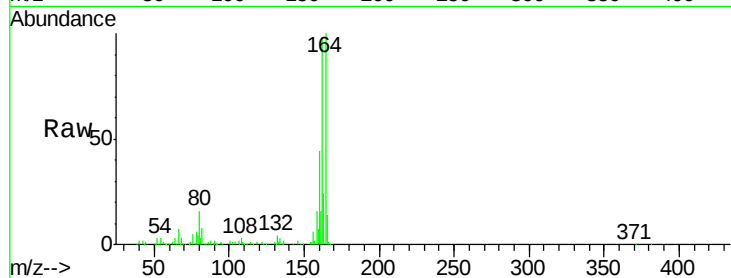
Tgt Ion:164 Resp: 126014

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

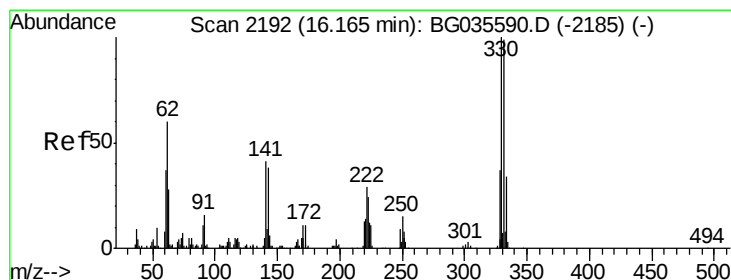
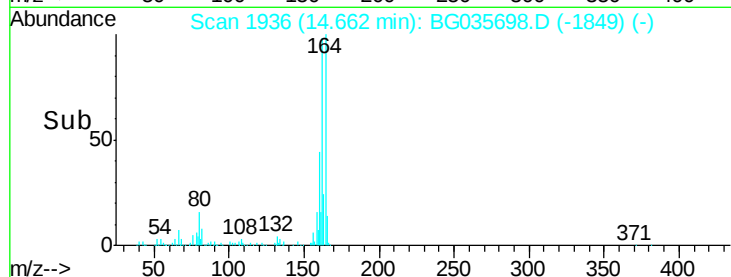
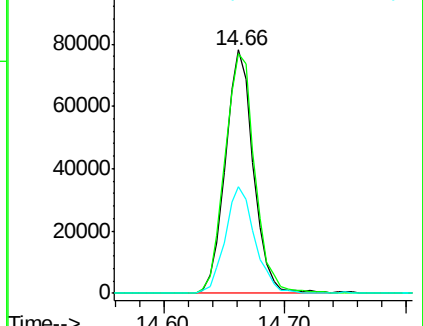
160 43.9 35.4 53.0



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: 138.311 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

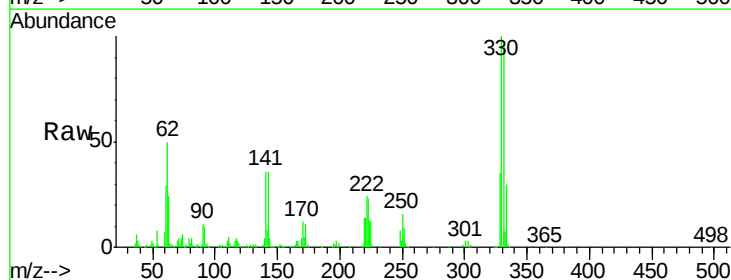
Tgt Ion:330 Resp: 229727

Ion Ratio Lower Upper

330 100

332 99.7 77.0 115.6

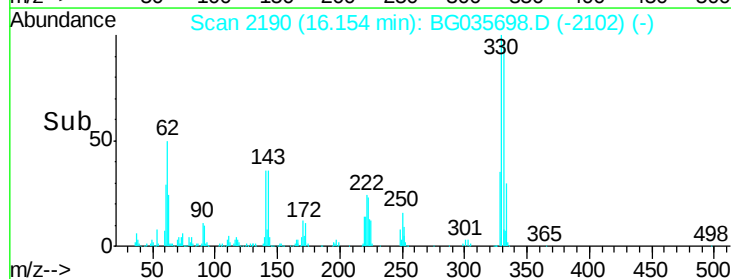
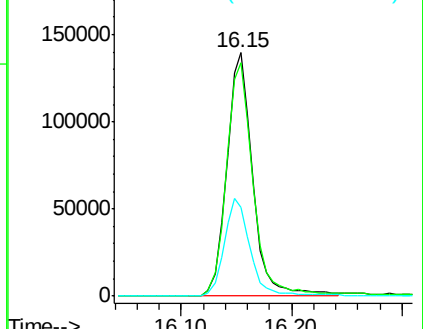
141 40.3 25.2 37.8#

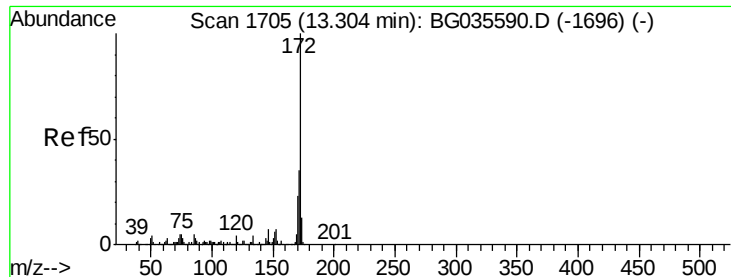


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

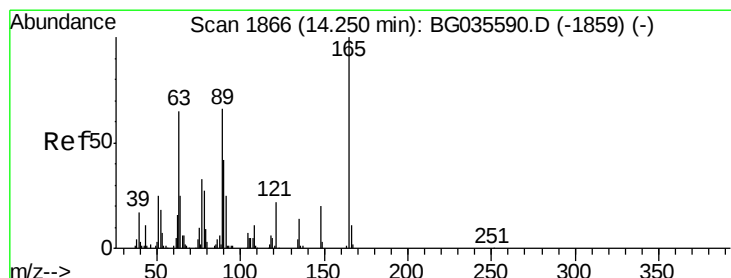
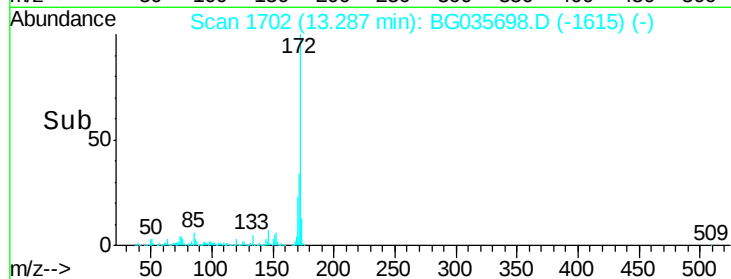
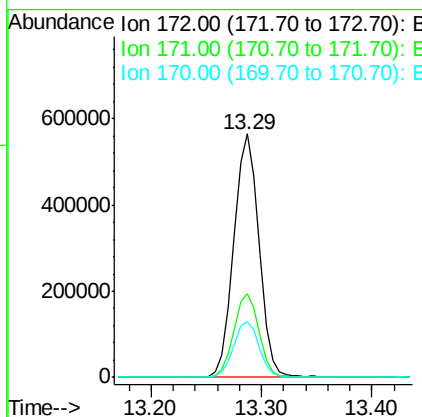
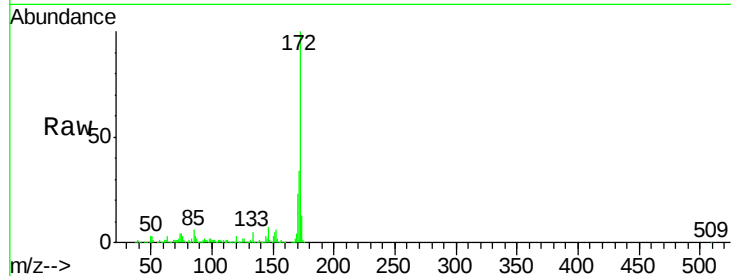




#44
 2-Fluorobiphenyl
 Concen: 96.621 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035698.D
 Acq: 18 Jul 2018 1:05

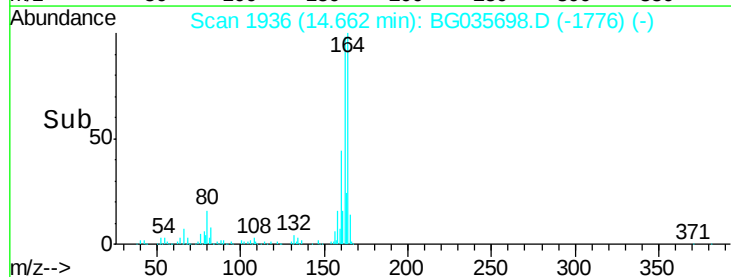
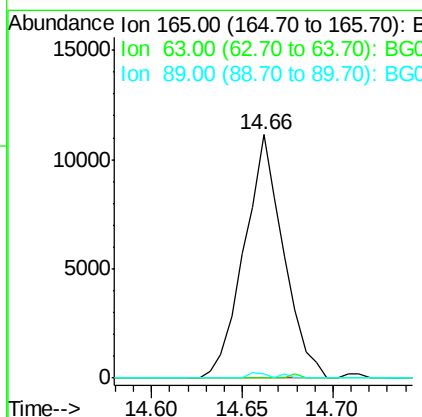
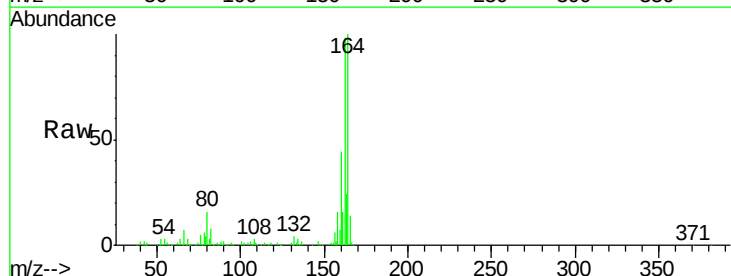
Instrument :
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 PB111100TB

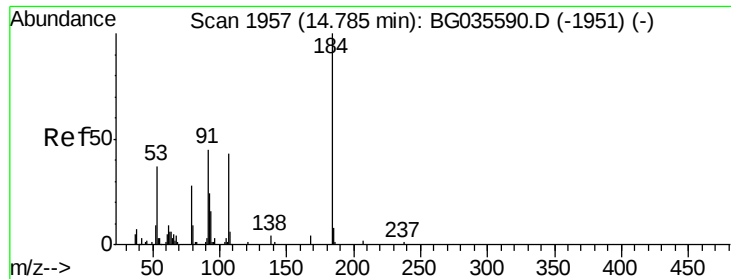
Tgt Ion:172 Resp: 908806
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.487 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035698.D
 Acq: 18 Jul 2018 1:05

Tgt Ion:165 Resp: 16832
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.9 49.2 73.8#

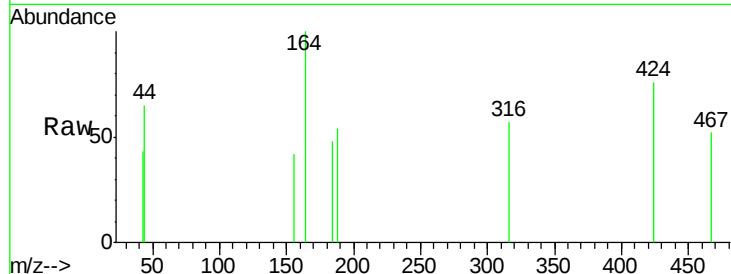




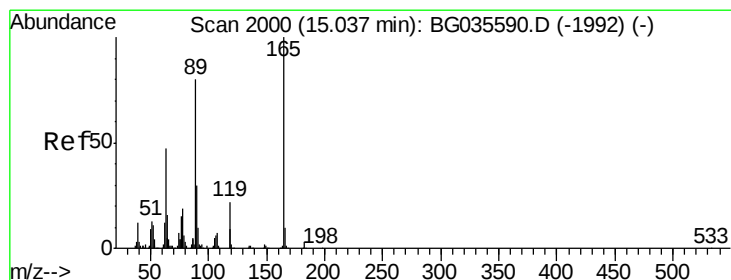
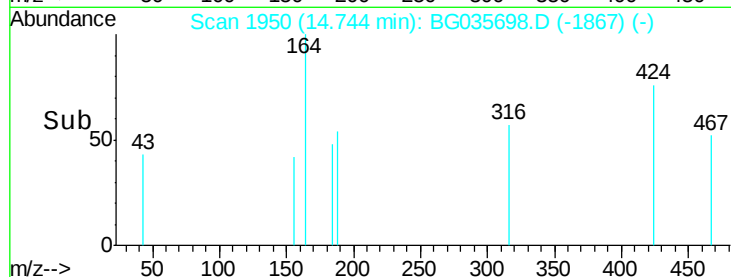
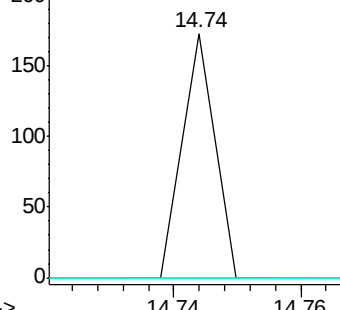
#53
2,4-Dinitrophenol
Concen: 6.631 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.04 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Instrument :
BNA_G
ClientSampleId :
PB111100TB

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

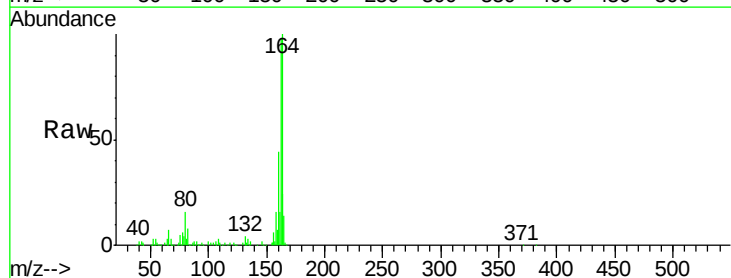


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

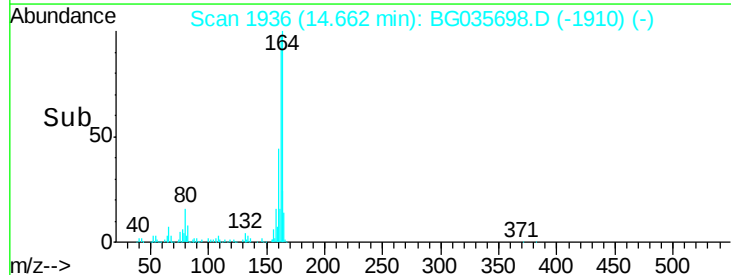
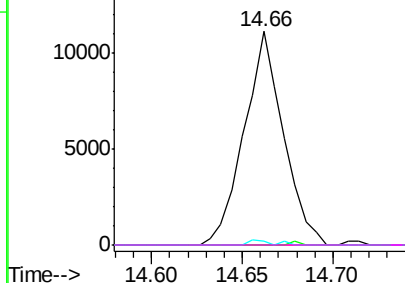


#56
2,4-Dinitrotoluene
Concen: 5.218 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.38 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Tgt Ion:165 Resp: 16832
Ion Ratio Lower Upper
165 100
63 0.0 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

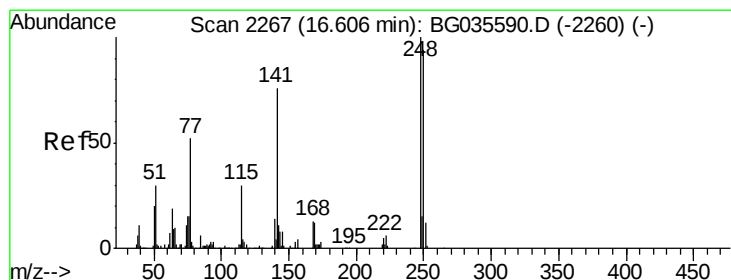
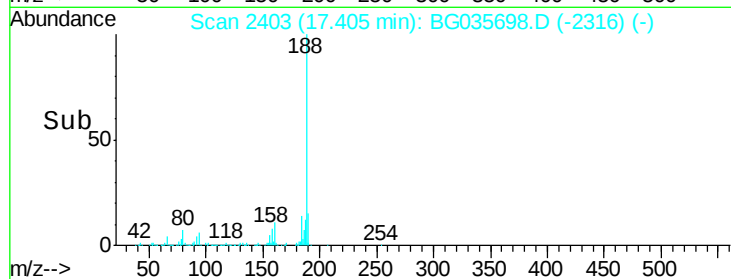
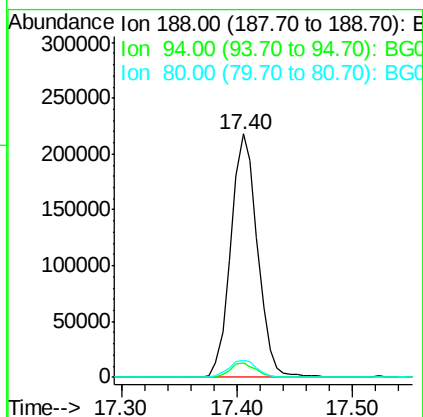
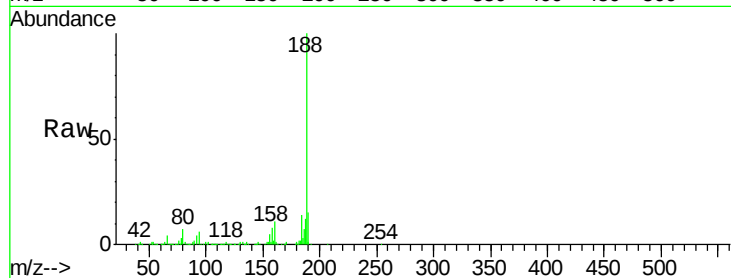




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

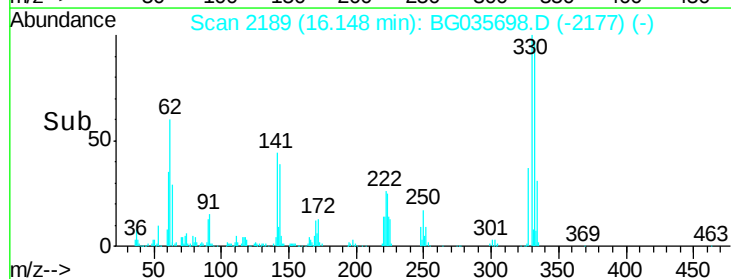
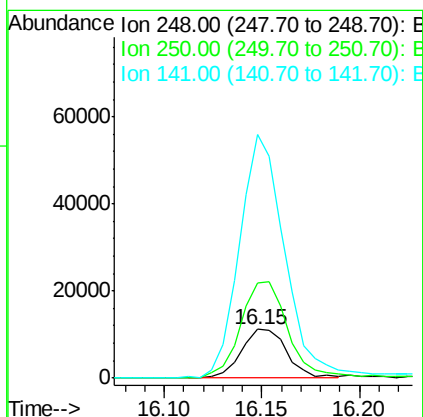
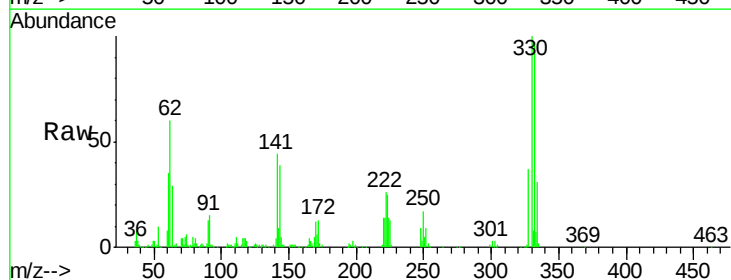
Instrument :
BNA_G
ClientSampleId :
PB111100TB

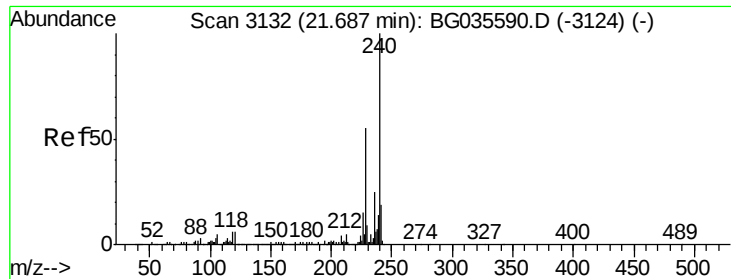
Tgt Ion:188 Resp: 348645
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.2 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.459 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG035698.D
Acq: 18 Jul 2018 1:05

Tgt Ion:248 Resp: 18038
Ion Ratio Lower Upper
248 100
250 194.8 77.1 115.7#
141 501.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

Instrument :

BNA_G

ClientSampleId :

PB111100TB

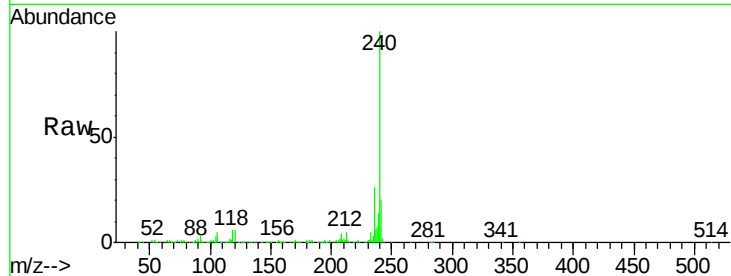
Tgt Ion:240 Resp: 401568

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

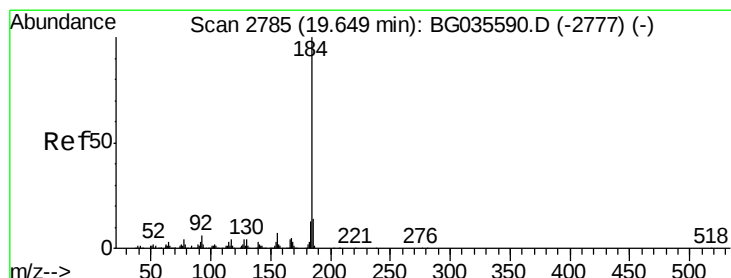
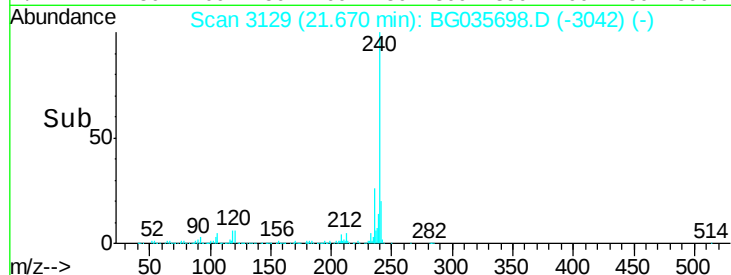
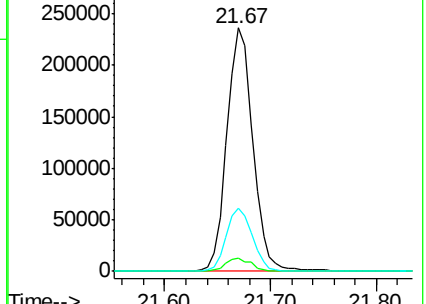
236 25.8 20.9 31.3



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: 2.851 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG035698.D

Acq: 18 Jul 2018 1:05

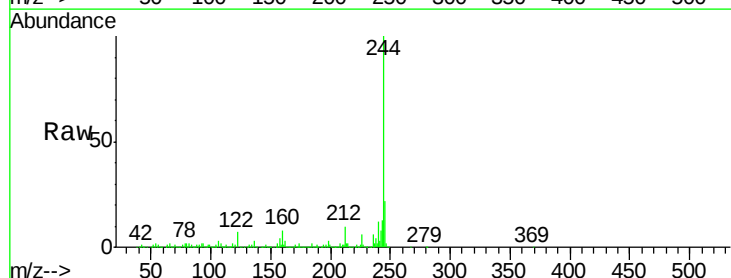
Tgt Ion:184 Resp: 30101

Ion Ratio Lower Upper

184 100

185 20.6 11.1 16.7#

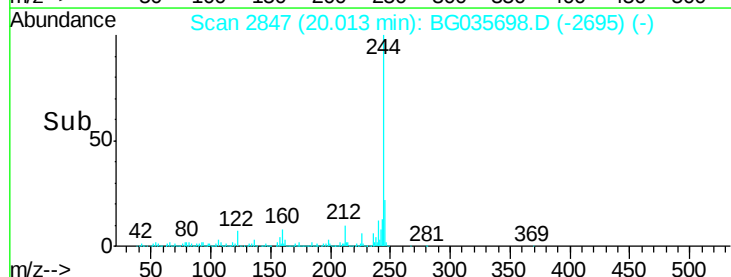
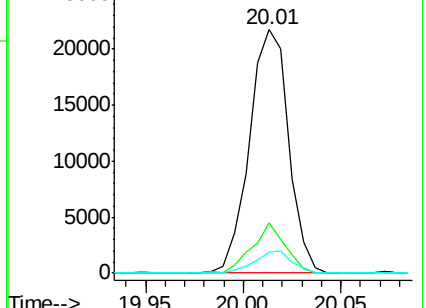
183 8.7 10.6 16.0#

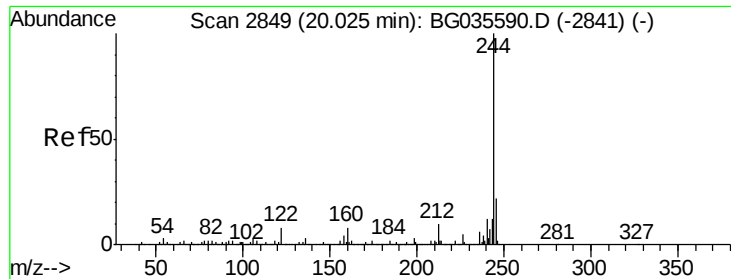


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

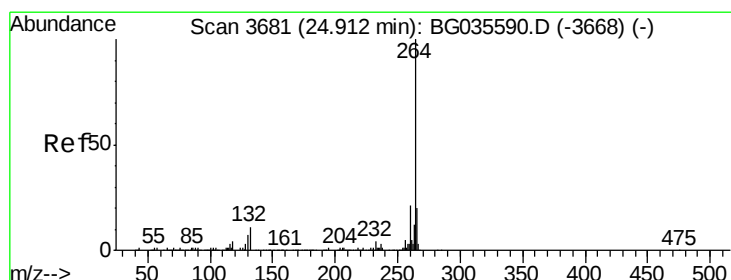
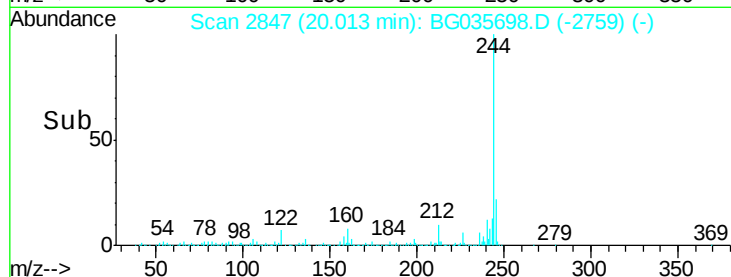
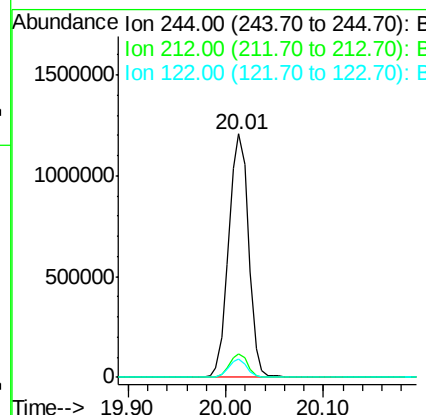
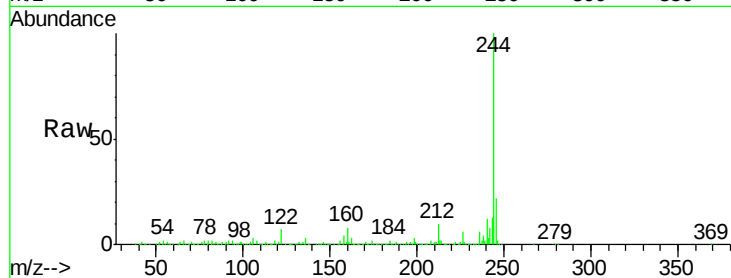




#78
 Terphenyl-d14
 Concen: 94.038 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG035698.D
 Acq: 18 Jul 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 PB111100TB

Tgt Ion:244 Resp: 1713142
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.8#
 122 7.4 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.03 min
 Lab File: BG035698.D
 Acq: 18 Jul 2018 1:05

Tgt Ion:264 Resp: 383337
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 21.1 17.7 26.5

