

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
 Data File : BG035669.D
 Acq On : 16 Jul 2018 14:41
 Operator : JU/SJ
 Sample : J3964-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48967

Quant Time: Jul 16 16:26:10 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

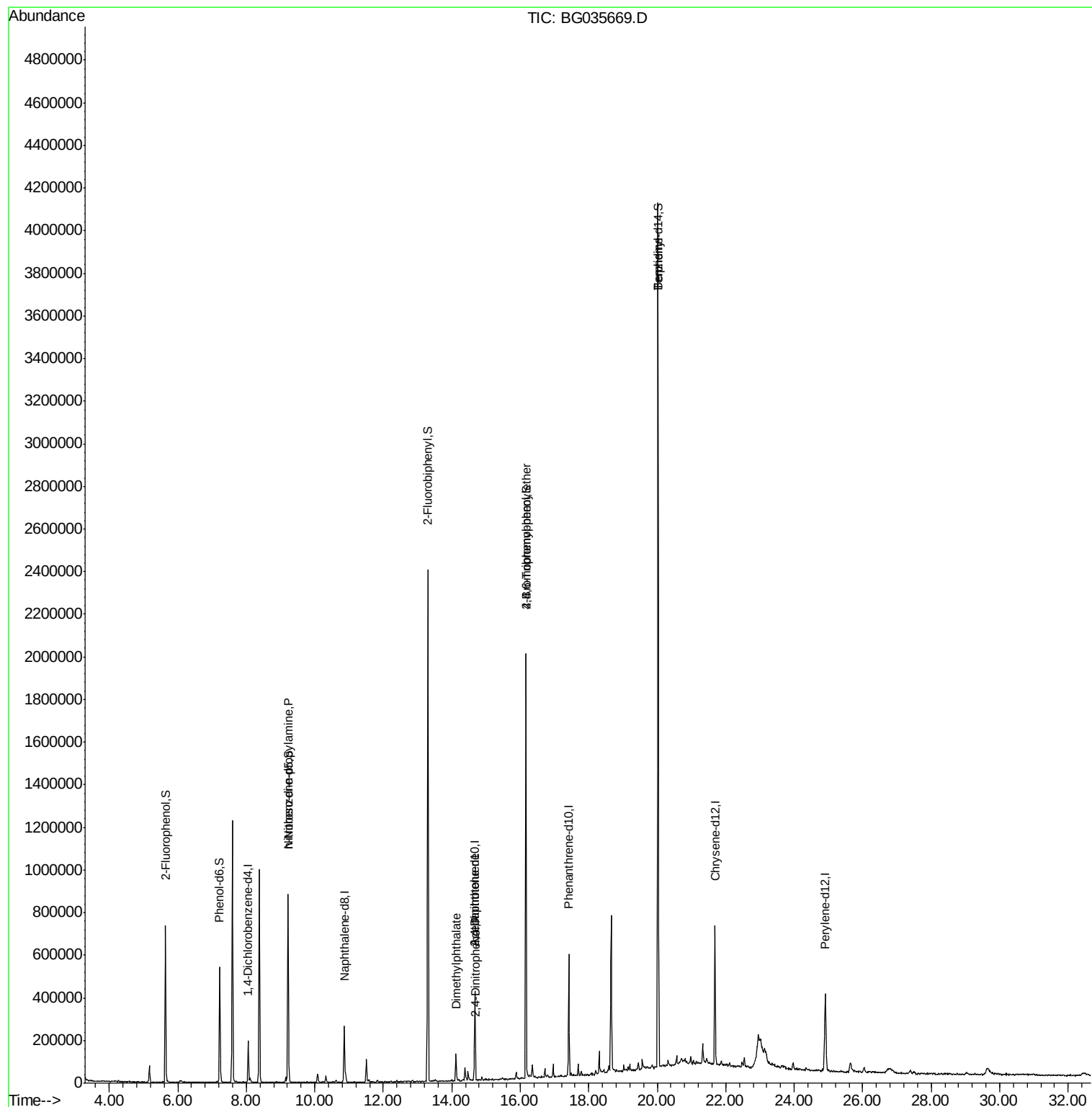
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54295	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	217435	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	144742	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	369637	20.00	ng	0.00
75) Chrysene-d12	21.69	240	389666	20.00	ng	0.00
86) Perylene-d12	24.90	264	380726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	312173	95.46	ng	0.00
7) Phenol-d6	7.22	99	317567	65.08	ng	0.00
23) Nitrobenzene-d5	9.22	82	573716	110.23	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	358800	188.07	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1278189	118.31	ng	0.00
78) Terphenyl-d14	20.02	244	1872951	105.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	81868	19.925	ng	# 70
49) Dimethylphthalate	14.12	163	80338	6.335	ng	# 97
53) 2,4-Dinitrophenol	14.70	184	75	6.634	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	21376	5.770	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	29205	6.810	ng	# 1
76) Benzidine	20.02	184	38103	3.719	ng	# 91

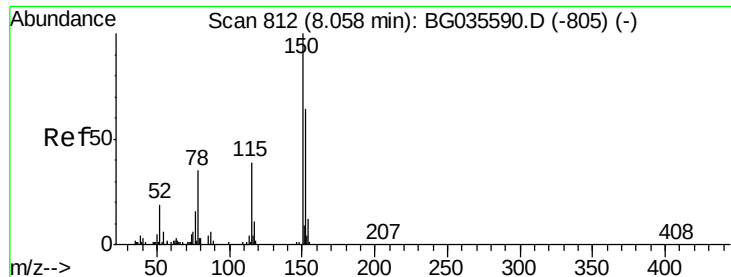
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



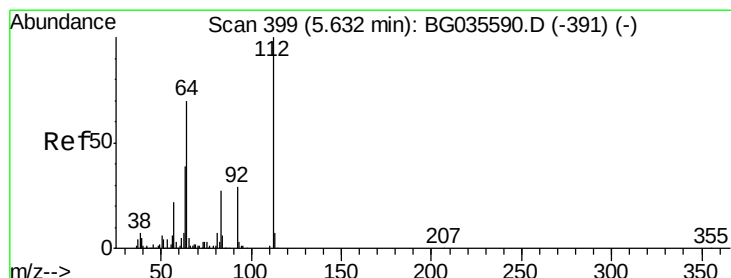
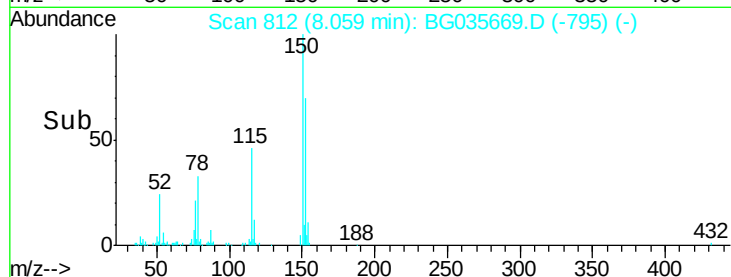
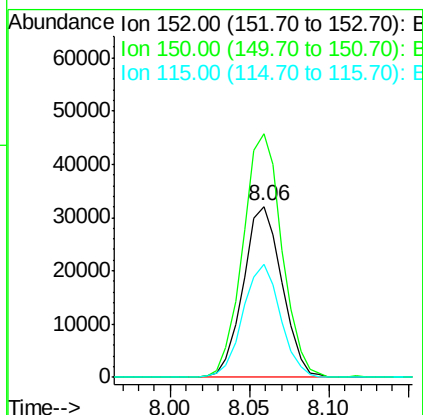
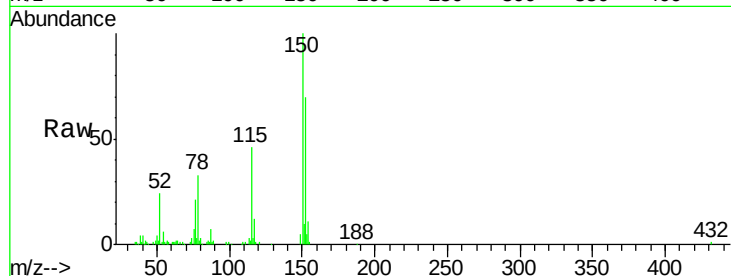


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Instrument :
BNA_G
ClientSampleId :
N48967

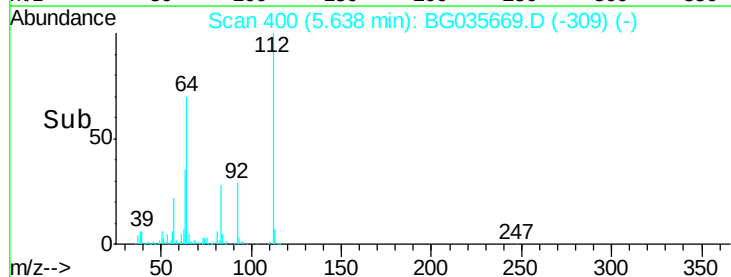
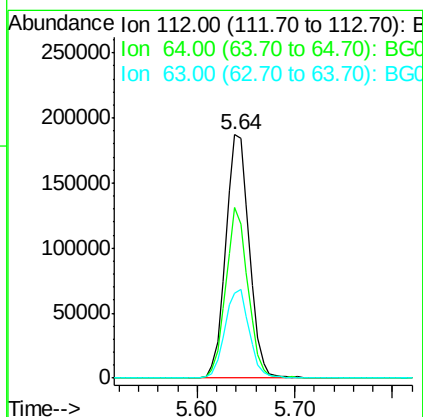
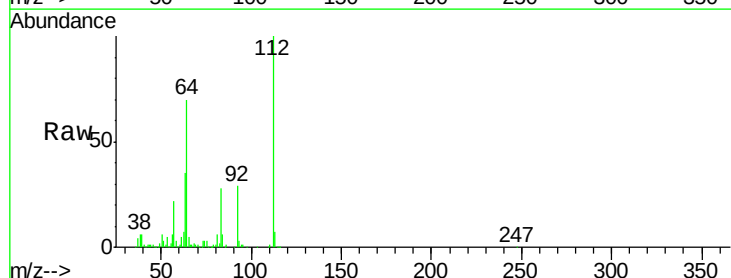
Tgt Ion:152 Resp: 54295
Ion Ratio Lower Upper
152 100
150 142.2 126.6 189.8
115 65.7 53.0 79.4

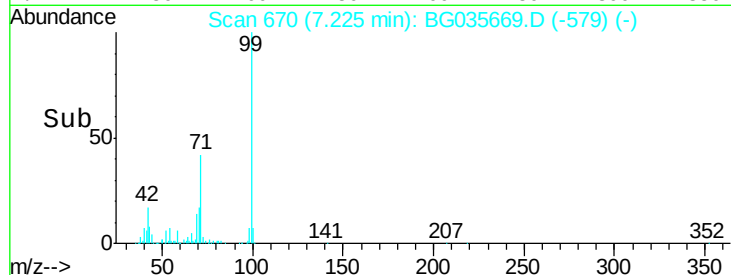
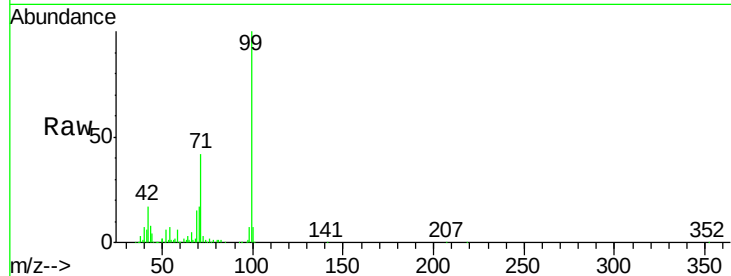
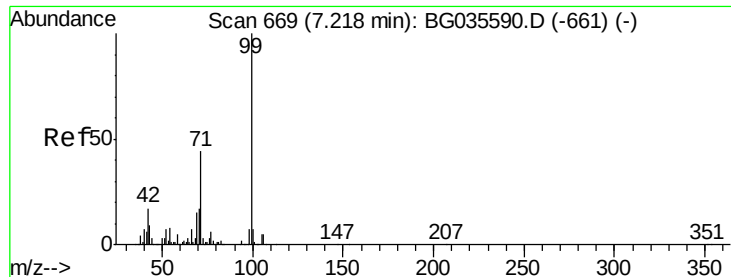


#5

2-Fluorophenol
Concen: 95.456 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Tgt Ion:112 Resp: 312173
Ion Ratio Lower Upper
112 100
64 69.9 56.3 84.5
63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 65.085 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA_G

ClientSampleId :

N48967

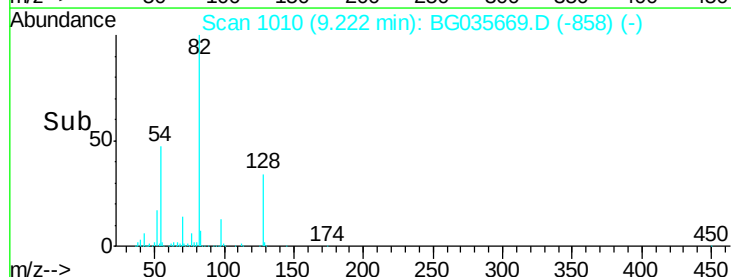
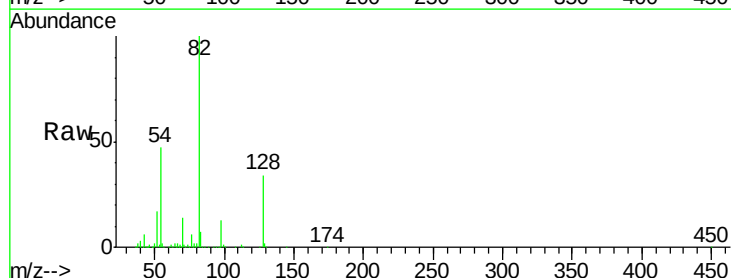
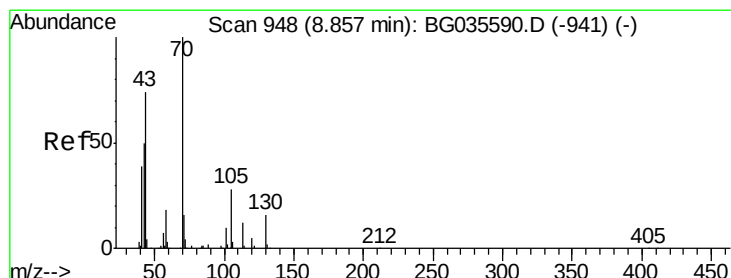
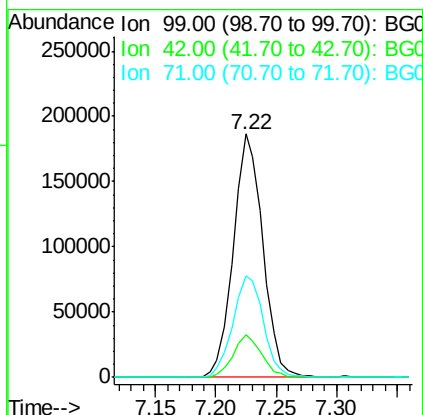
Tgt Ion: 99 Resp: 317567

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 41.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 19.925 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Tgt Ion: 70 Resp: 81868

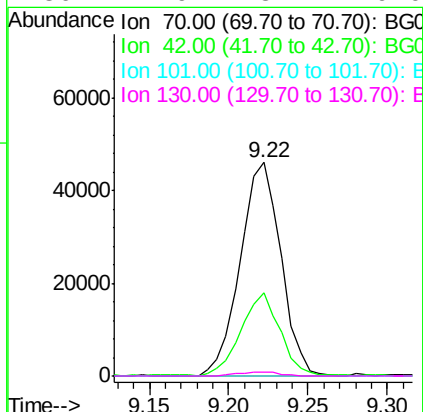
Ion Ratio Lower Upper

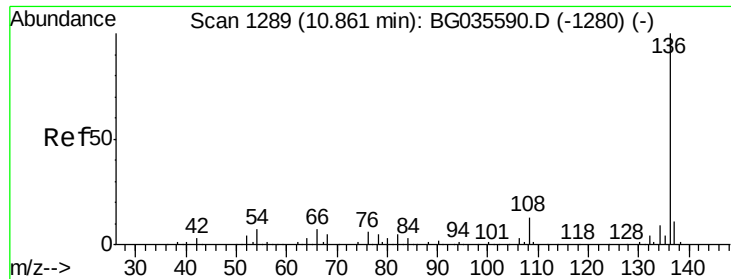
70 100

42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

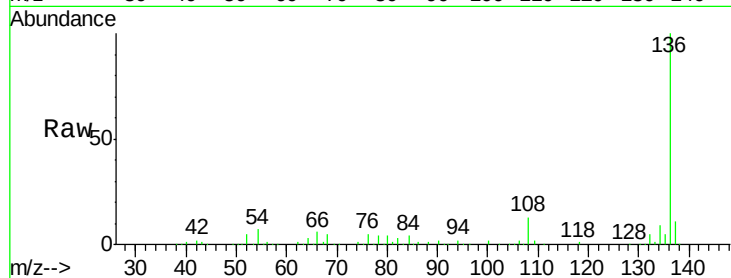




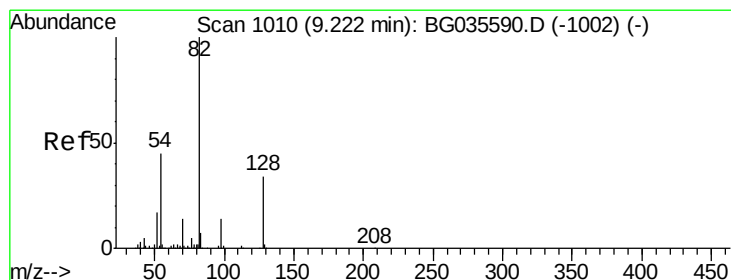
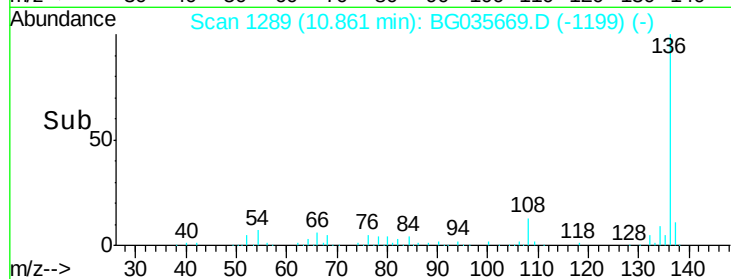
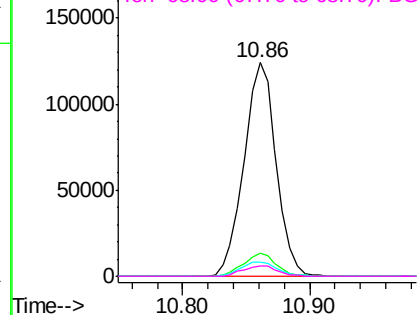
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Instrument :
BNA_G
ClientSampleId :
N48967

Tgt Ion:	136	Resp:	217435
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	10.3	15.5
68	4.9	4.5	6.7

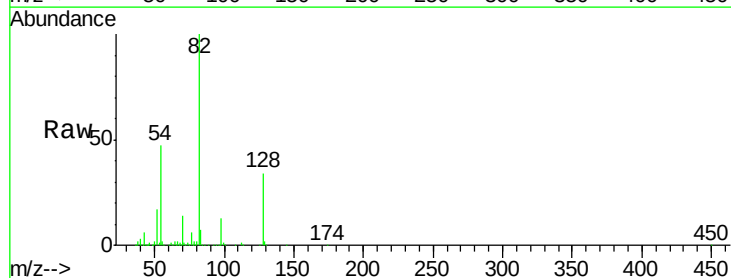


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

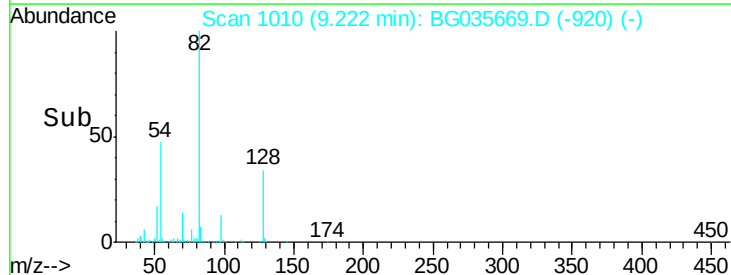
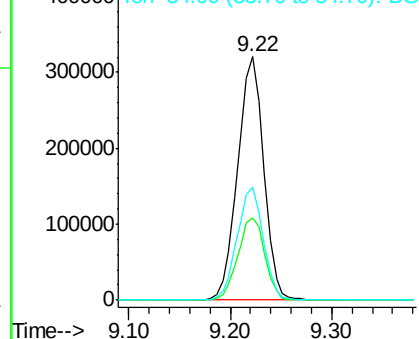


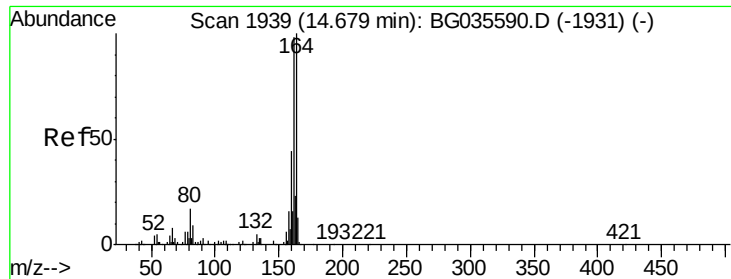
#23
Nitrobenzene-d5
Concen: 110.225 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Tgt Ion:	82	Resp:	573716
Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	46.7	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: 14.68 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA_G

ClientSampleId :

N48967

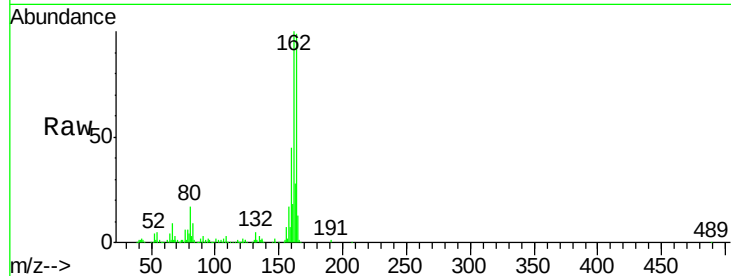
Tgt Ion:164 Resp: 144742

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

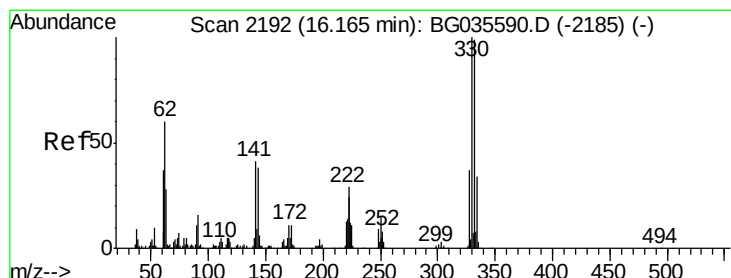
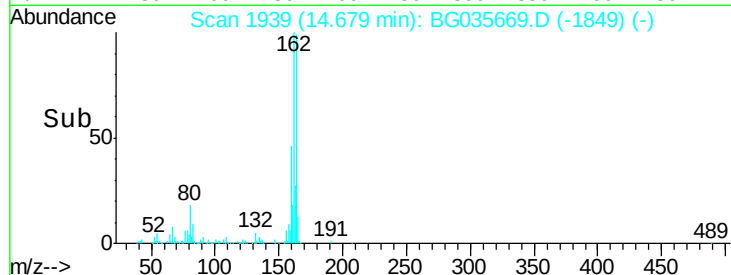
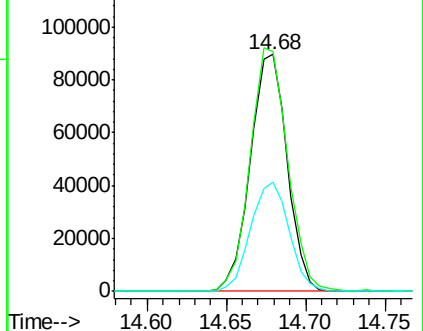
160 46.2 35.4 53.0



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: 188.071 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

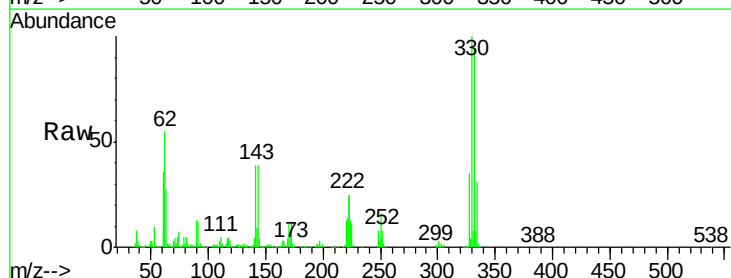
Tgt Ion:330 Resp: 358800

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

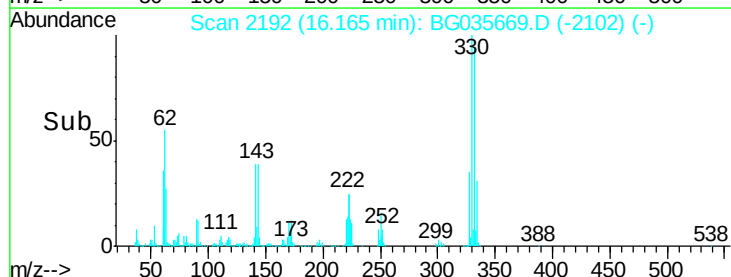
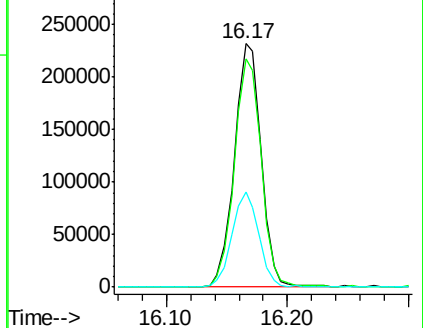
141 39.4 25.2 37.8#

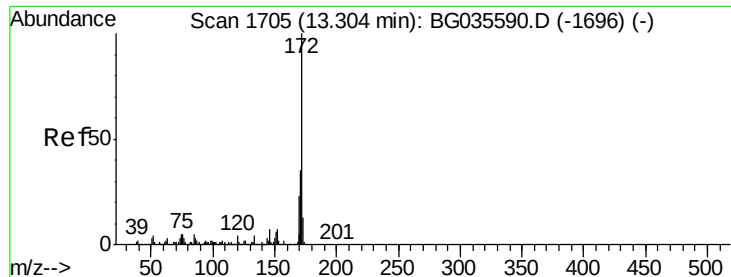


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

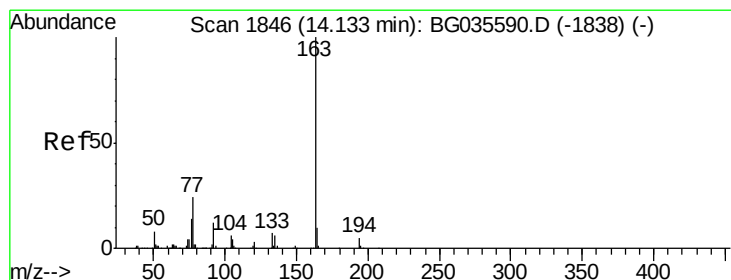
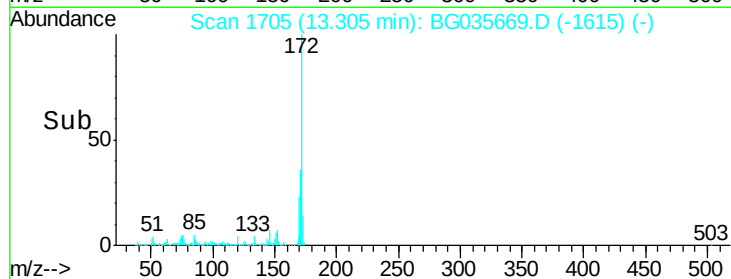
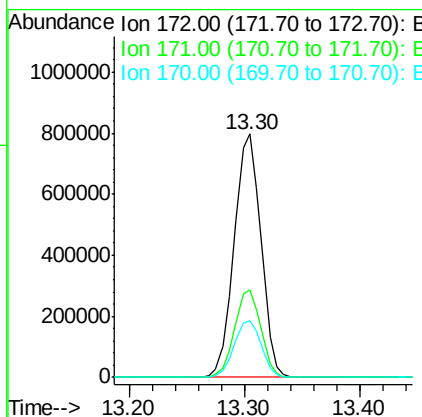
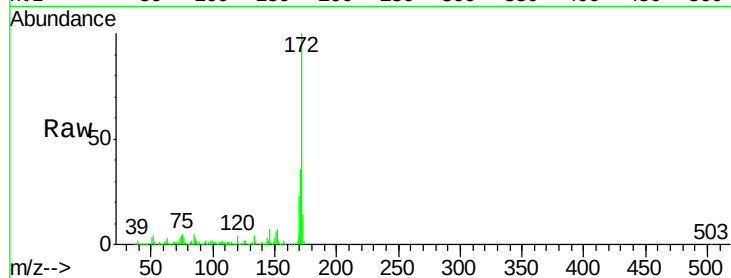




#44
2-Fluorobiphenyl
Concen: 118.310 ng
RT: 13.30 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

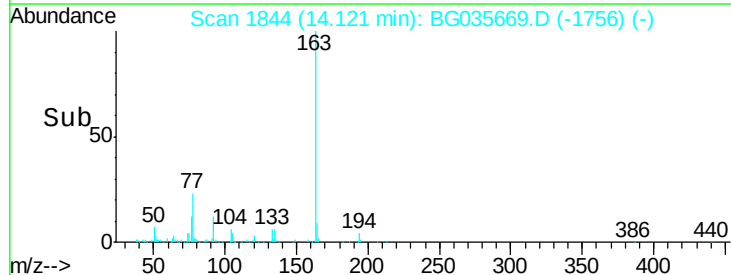
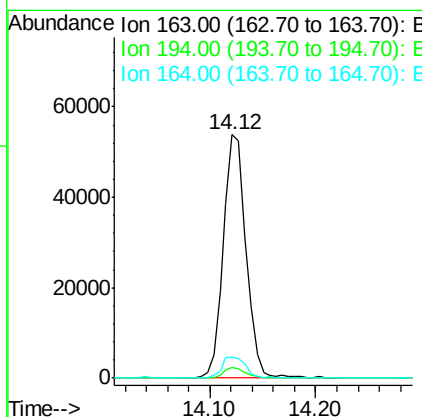
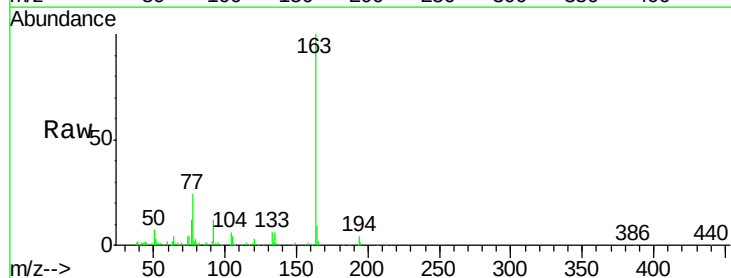
Instrument :
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N48967

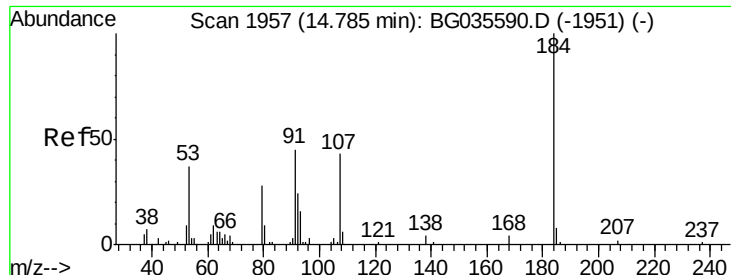
Tgt Ion:172 Resp: 1278189
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 6.335 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Tgt Ion:163 Resp: 80338
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 8.7 8.2 12.4





#53

2,4-Dinitrophenol

Concen: 6.634 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.08 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA_G

ClientSampleId :

N48967

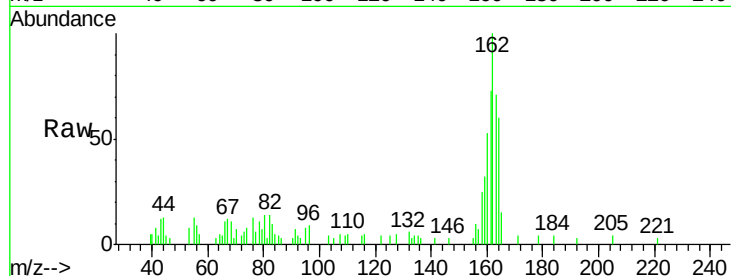
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 91.5 59.8 89.8#

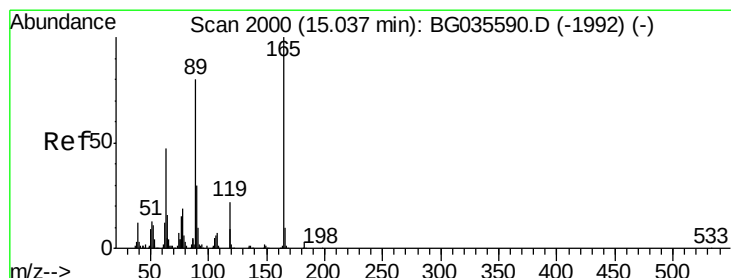
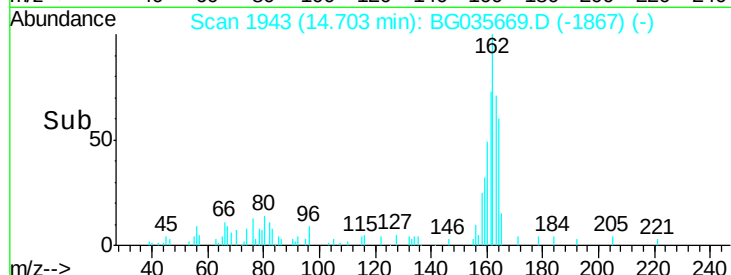
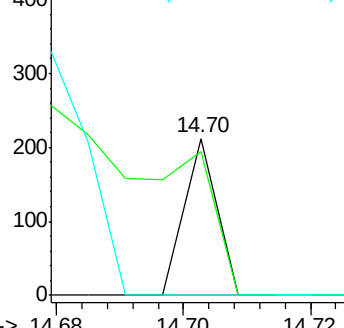
154 0.0 101.8 152.8#



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: 5.770 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.36 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Tgt Ion:165 Resp: 21376

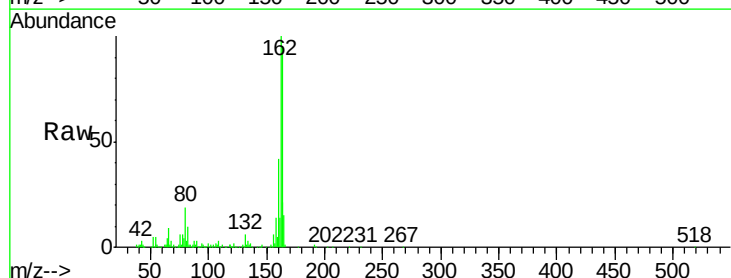
Ion Ratio Lower Upper

165 100

63 3.4 42.0 63.0#

89 4.1 66.9 100.3#

182 0.0 2.6 3.8#

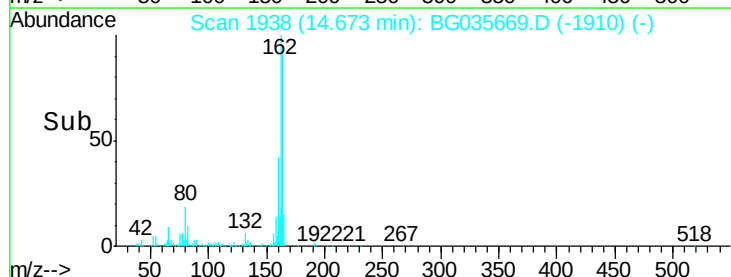
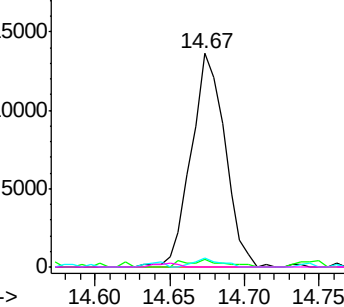


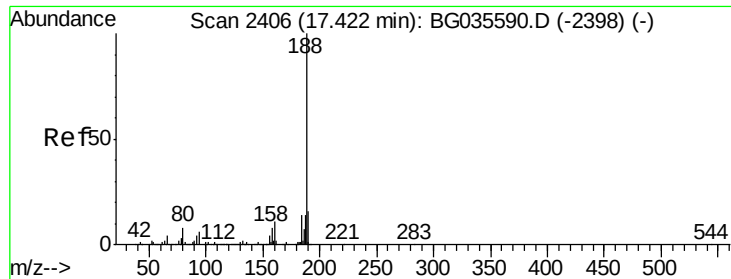
Abundance Ion 165.00 (164.70 to 165.70): E

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

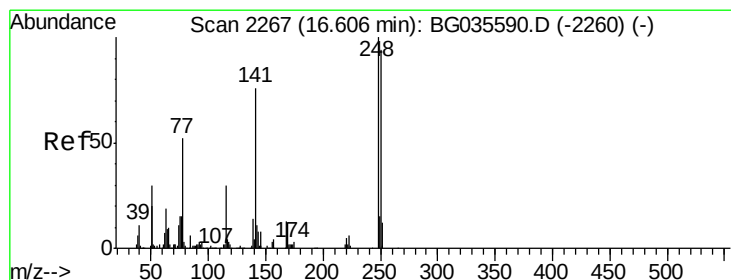
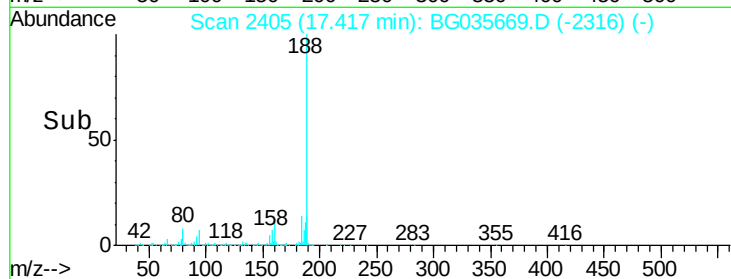
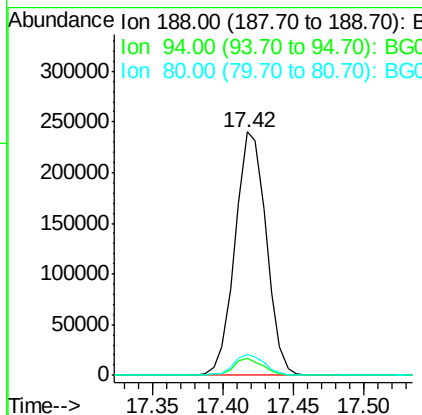
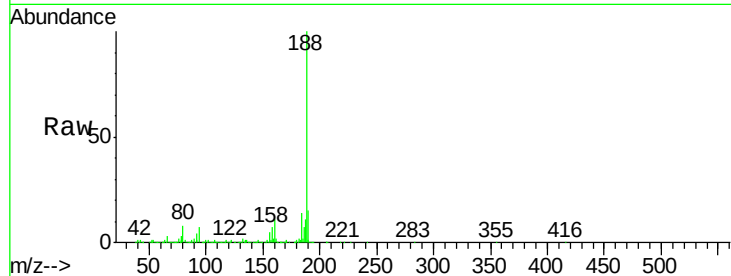




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

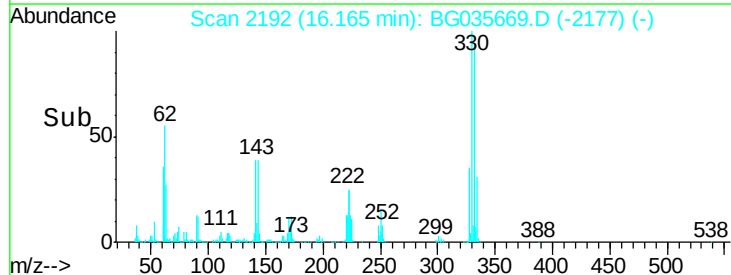
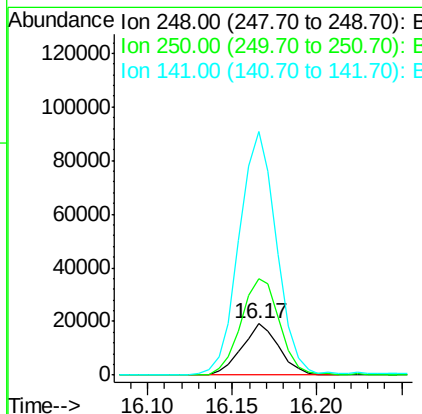
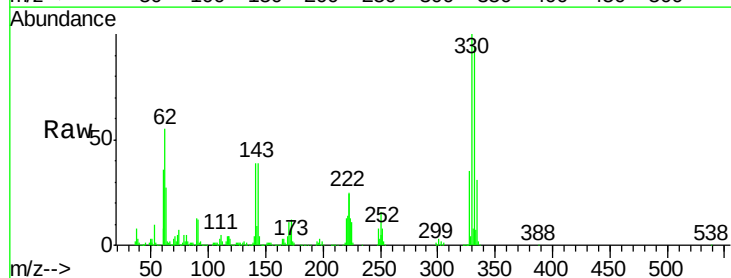
Instrument :
BNA_G
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N48967

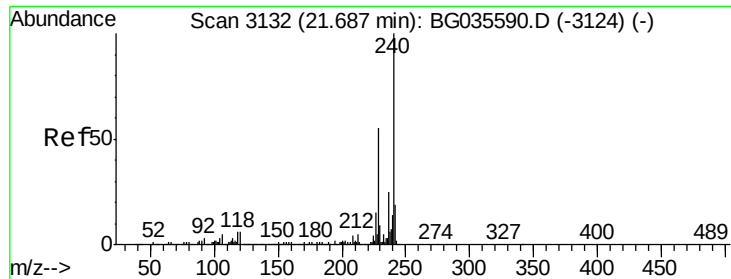
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	8.4	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 6.810 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.44 min
Lab File: BG035669.D
Acq: 16 Jul 2018 14:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.1	115.7#
141	472.2	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA_G

ClientSampleId :

N48967

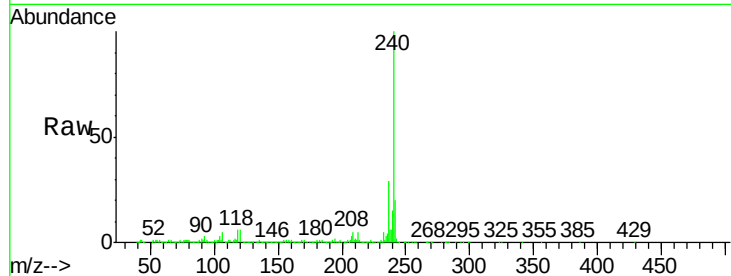
Tgt Ion:240 Resp: 389666

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

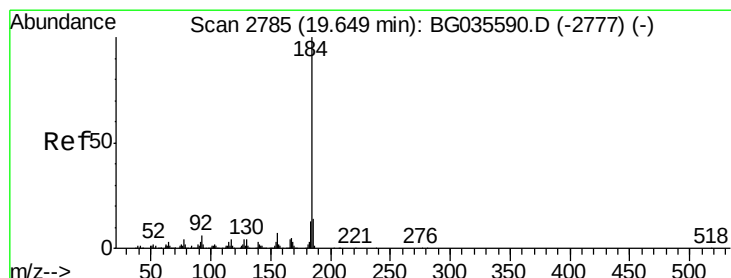
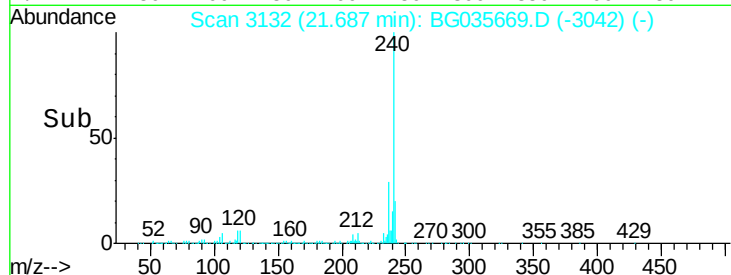
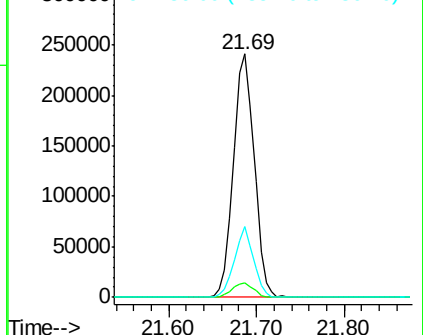
236 29.0 20.9 31.3



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: 3.719 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

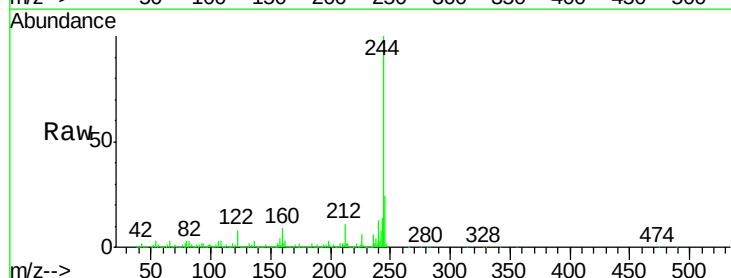
Tgt Ion:184 Resp: 38103

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

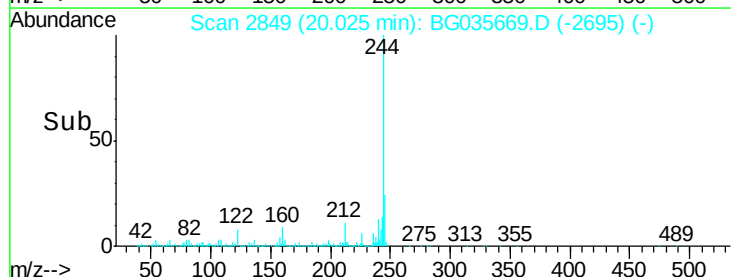
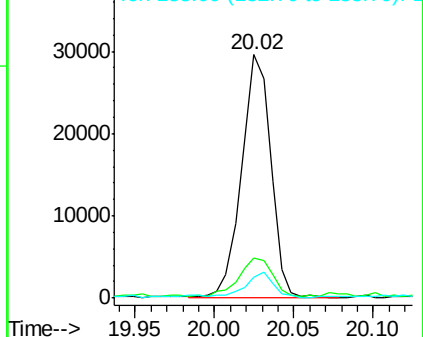
183 8.8 10.6 16.0#

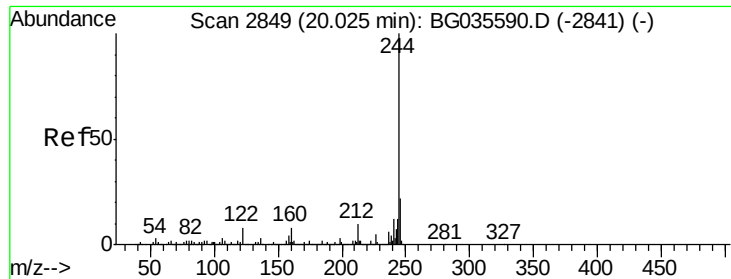


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.951 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

Instrument :

BNA_G

ClientSampleId :

N48967

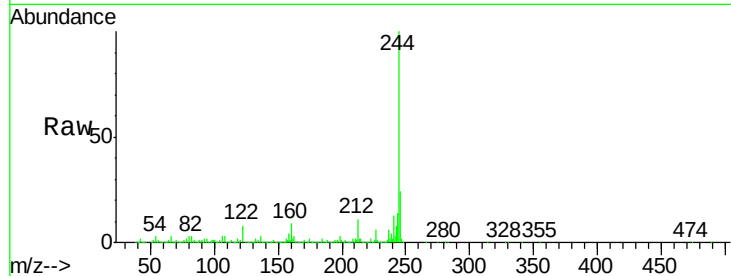
Tgt Ion:244 Resp: 1872951

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

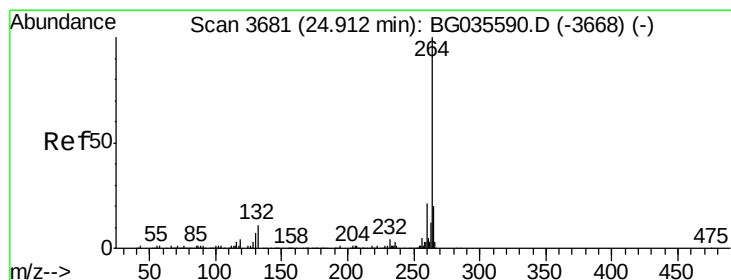
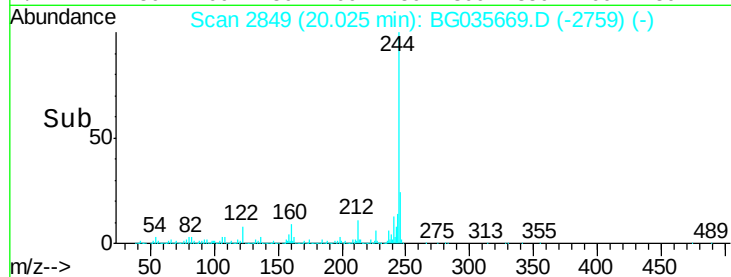
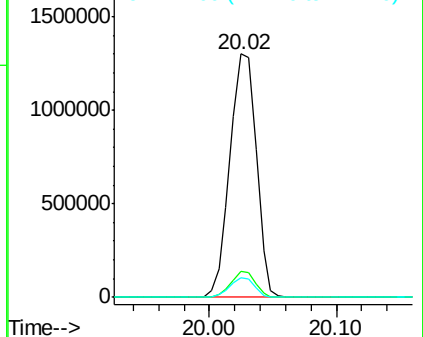
122 8.1 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035669.D

Acq: 16 Jul 2018 14:41

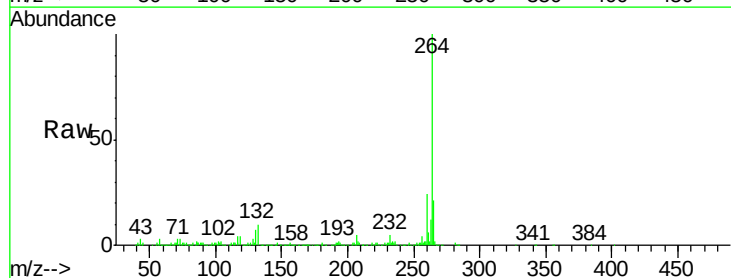
Tgt Ion:264 Resp: 380726

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.2 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

