

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071818\
 Data File : BG035752.D
 Acq On : 19 Jul 2018 14:01
 Operator : JU/SJ
 Sample : J4033-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071618-DBRI-F-U-M

Quant Time: Jul 19 15:26:25 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

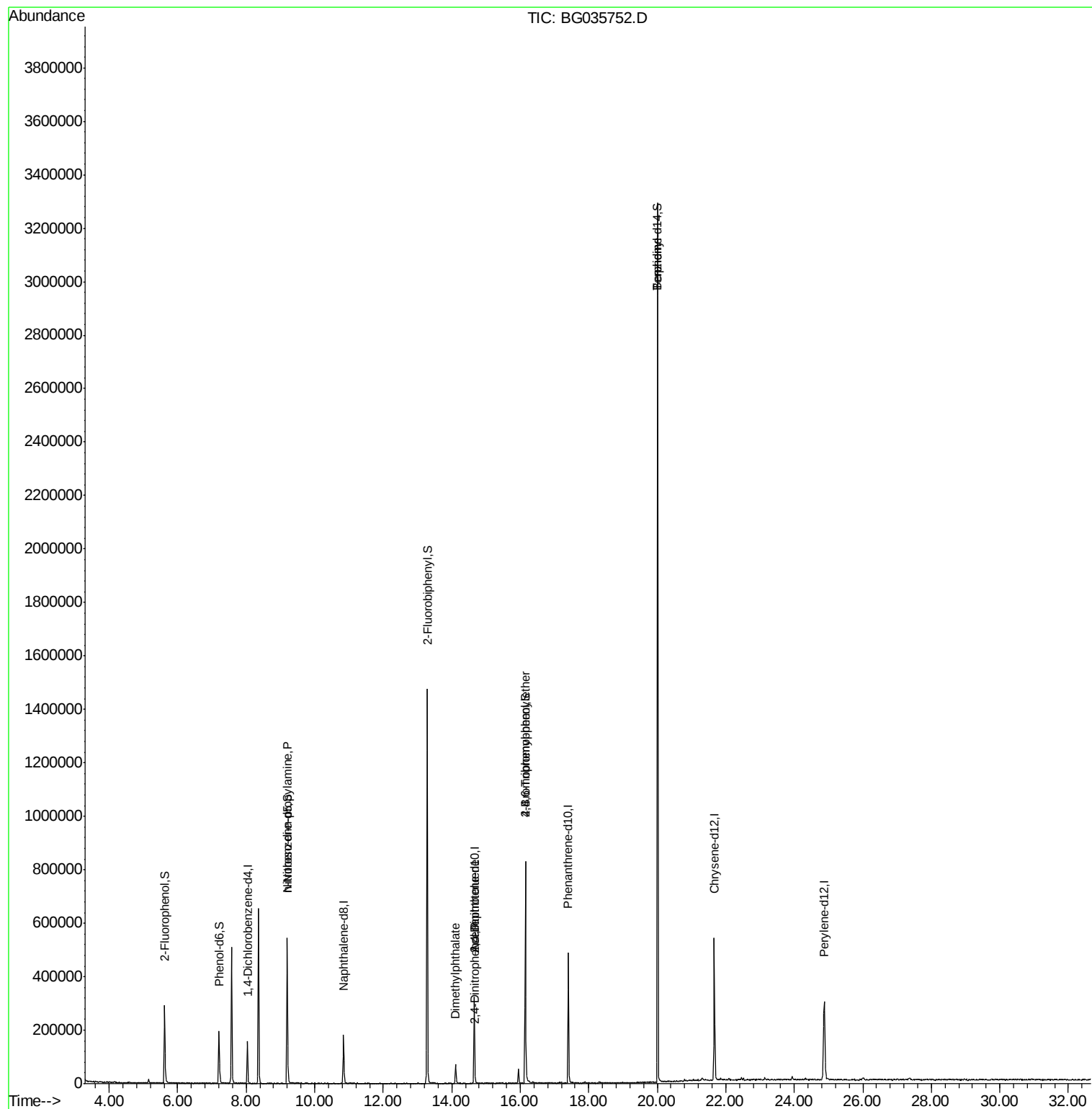
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44653	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	163680	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	113816	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	330389	20.00	ng	0.00
75) Chrysene-d12	21.67	240	363716	20.00	ng	0.00
86) Perylene-d12	24.87	264	344119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	132210	49.16	ng	0.00
7) Phenol-d6	7.20	99	127509	31.78	ng	0.00
23) Nitrobenzene-d5	9.20	82	384601	98.16	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	162872	108.57	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	801584	94.36	ng	0.00
78) Terphenyl-d14	20.01	244	1544059	93.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	51316	15.186	ng	# 68
49) Dimethylphthalate	14.11	163	59157	5.932	ng	# 97
53) 2,4-Dinitrophenol	14.69	184	58	6.633	ng	# 84
56) 2,4-Dinitrotoluene	14.66	165	15811	5.427	ng	# 16
66) 4-Bromophenyl-phenylether	16.15	248	13308	3.472	ng	# 1
76) Benzidine	20.01	184	28251	2.954	ng	# 87

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

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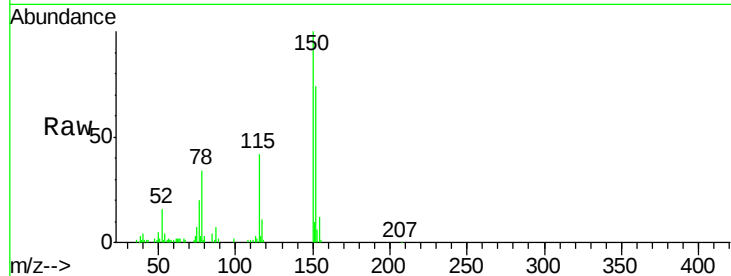


#1

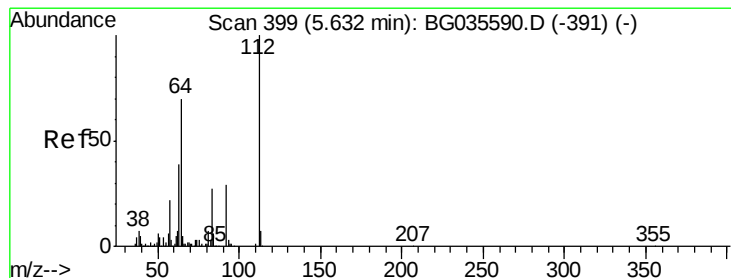
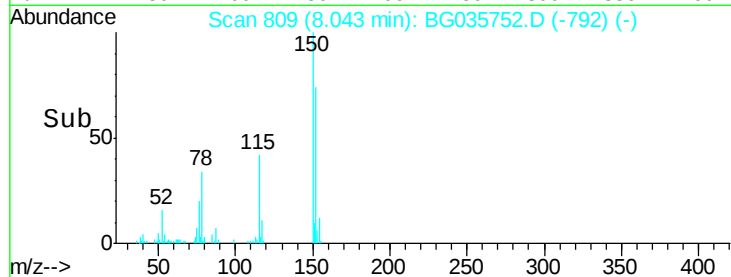
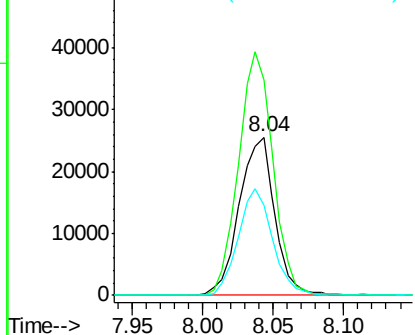
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BG035752.D
 Acq: 19 Jul 2018 14:01

Instrument :
 BNA_G
 ClientSampleId :
 071618-DBRI-F-U-M

Tgt Ion:152 Resp: 44653
 Ion Ratio Lower Upper
 152 100
 150 135.9 126.6 189.8
 115 56.5 53.0 79.4



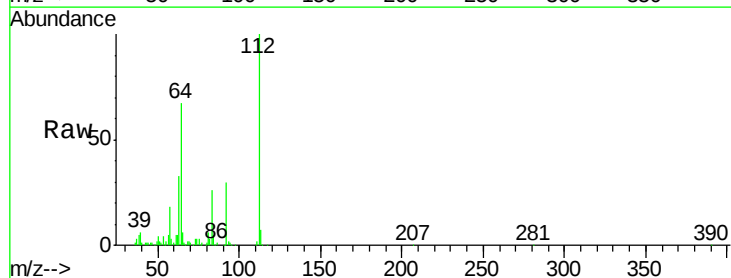
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



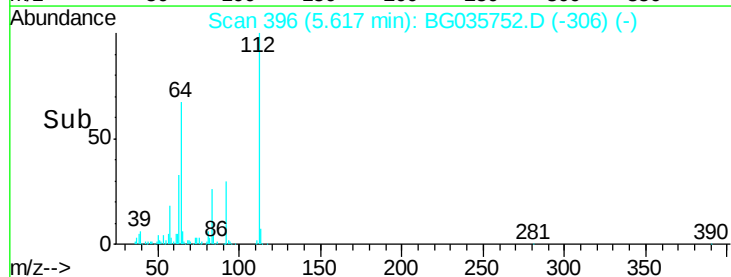
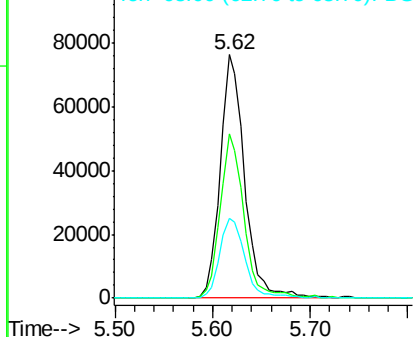
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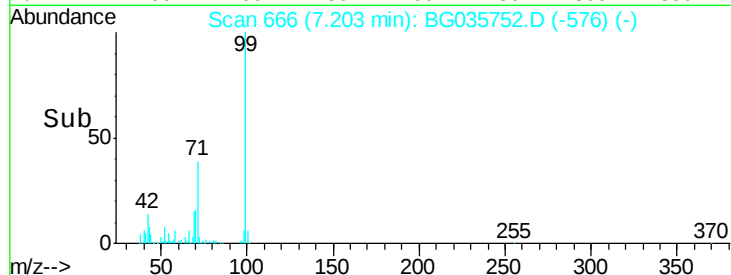
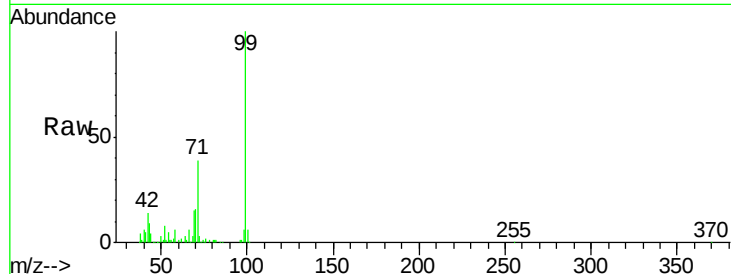
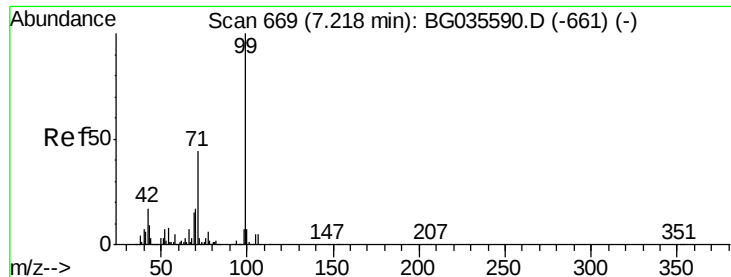
2-Fluorophenol
 Concen: 49.157 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG035752.D
 Acq: 19 Jul 2018 14:01

Tgt Ion:112 Resp: 132210
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.3 84.5
 63 32.5 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: 31.776 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

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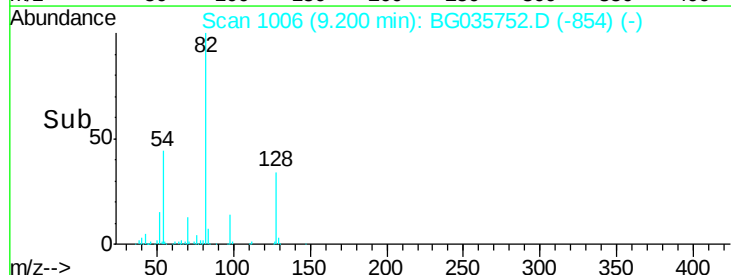
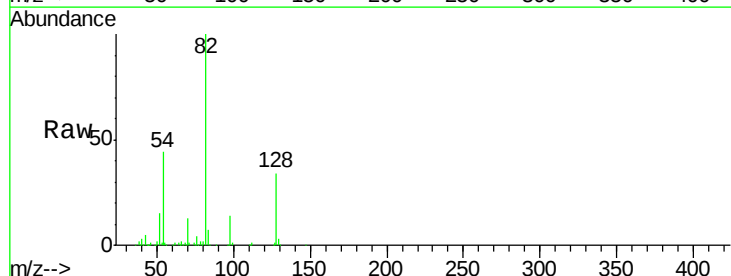
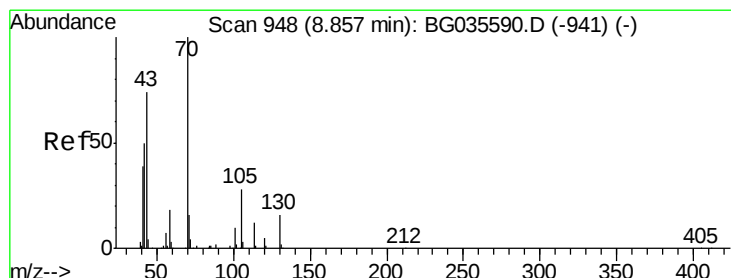
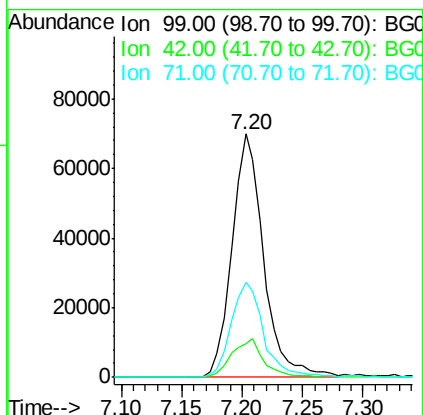
Tgt Ion: 99 Resp: 127509

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 39.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.186 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.36 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

Tgt Ion: 70 Resp: 51316

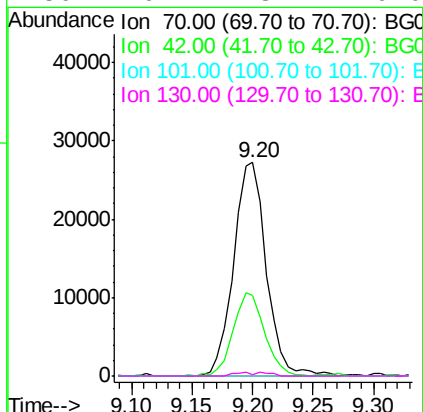
Ion Ratio Lower Upper

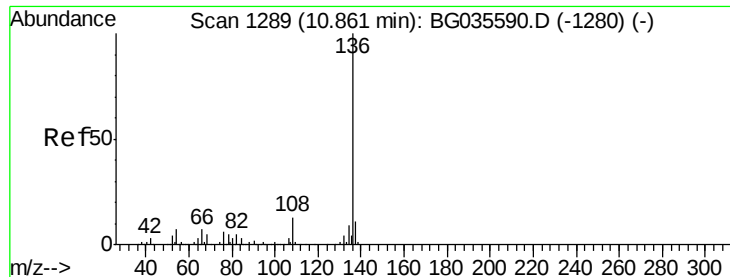
70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 0.7 13.4 20.0#

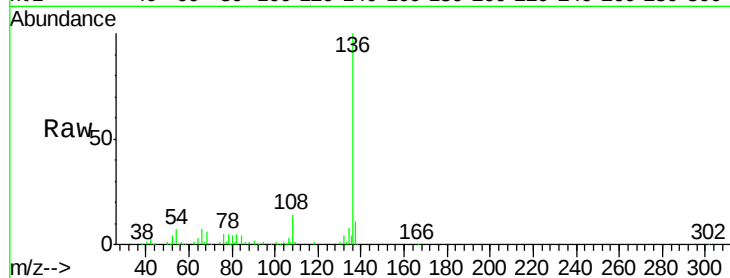




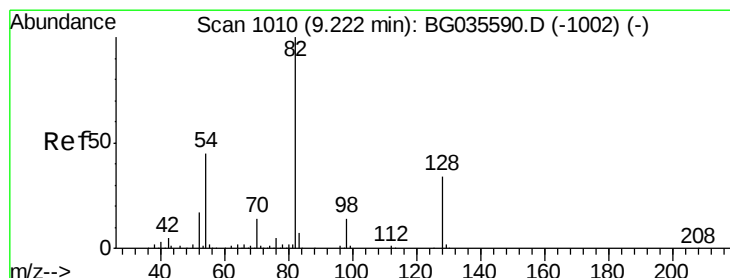
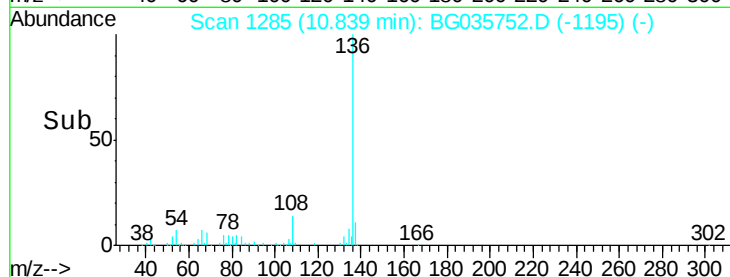
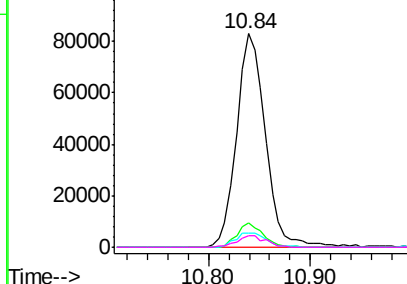
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG035752.D
Acq: 19 Jul 2018 14:01

Instrument :
BNA_G
ClientSampleId :
071618-DBRI-F-U-M

Tgt Ion:	136	Resp:	163680
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7

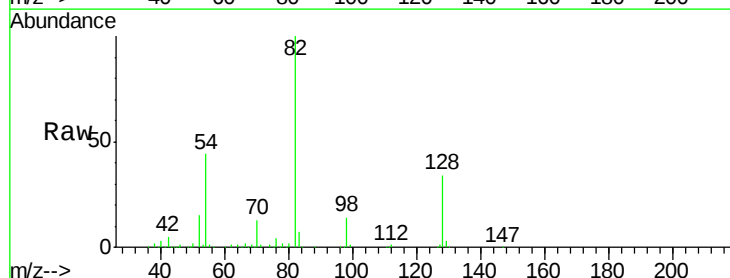


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

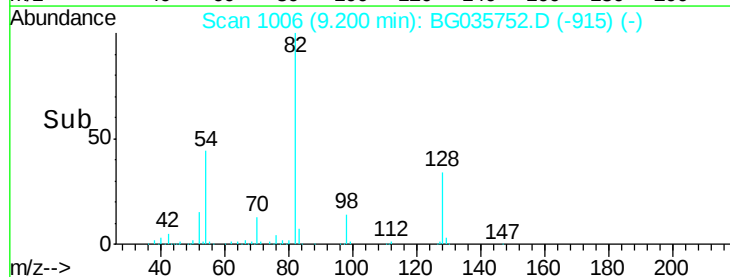
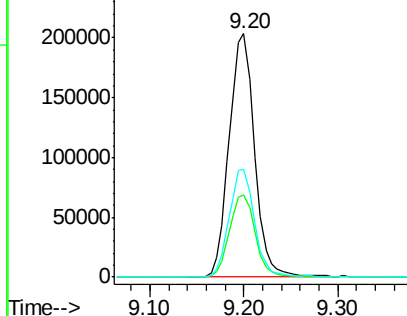


#23
Nitrobenzene-d5
Concen: 98.159 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035752.D
Acq: 19 Jul 2018 14:01

Tgt Ion:	82	Resp:	384601
Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	44.4	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# 1935

Delta R.T. -0.00 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

071618-DBRI-F-U-M

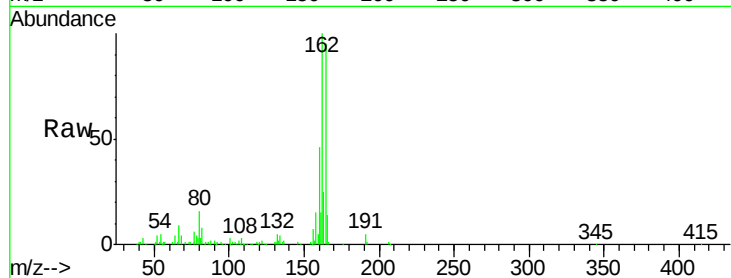
Tgt Ion:164 Resp: 113816

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

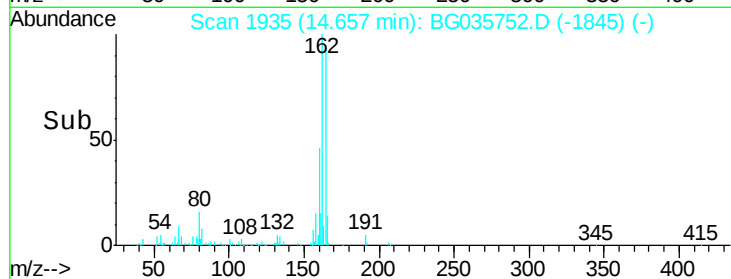
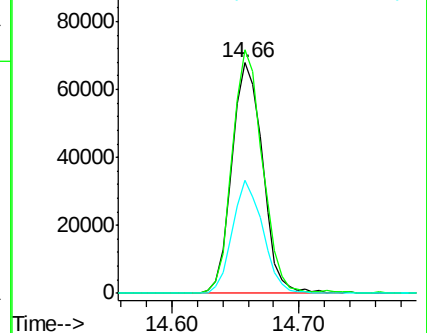
160 48.8 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 108.569 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

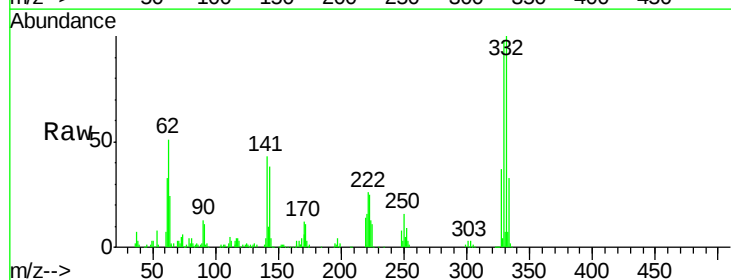
Tgt Ion:330 Resp: 162872

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

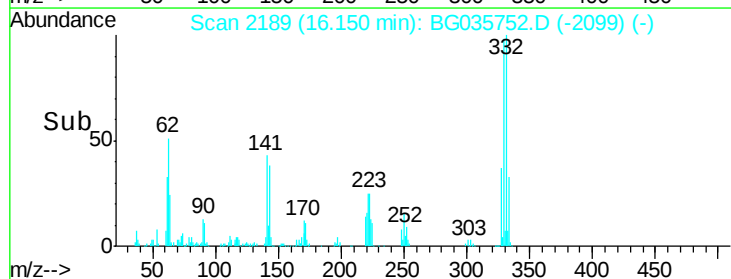
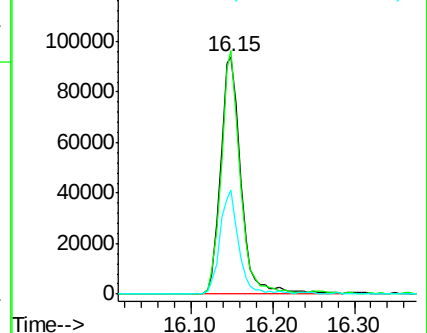
141 40.3 25.2 37.8#

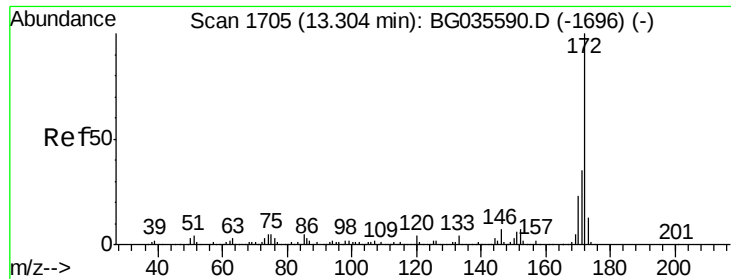


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

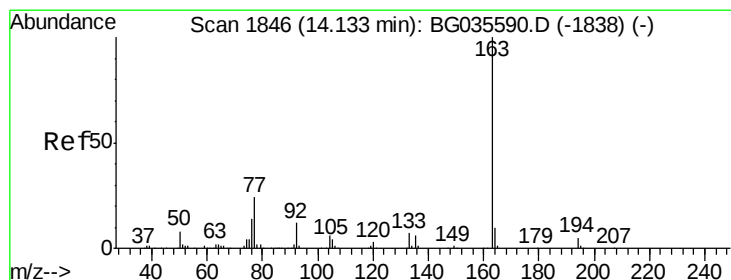
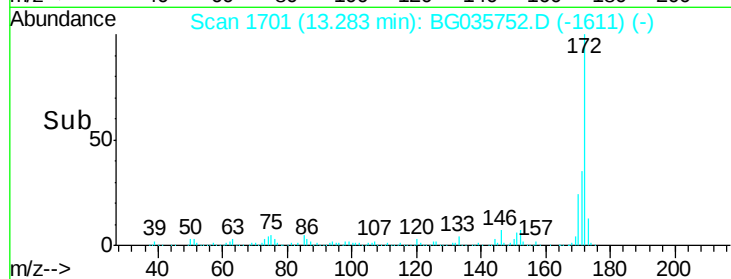
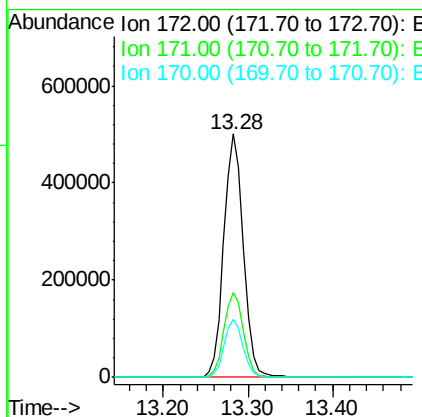
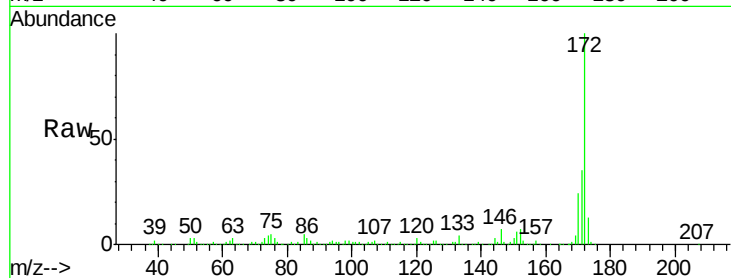




#44
2-Fluorobiphenyl
Concen: 94.355 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG035752.D
Acq: 19 Jul 2018 14:01

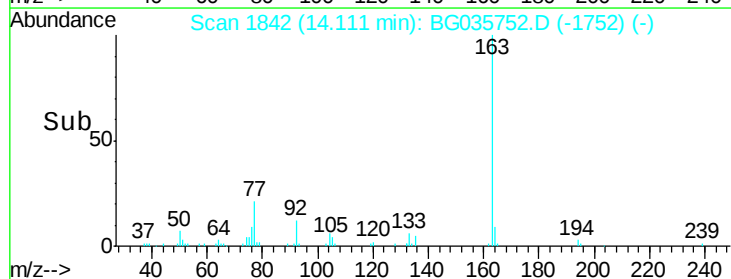
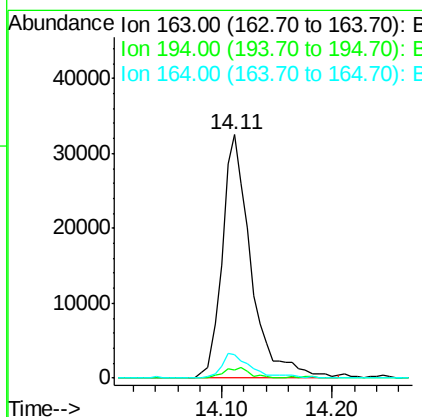
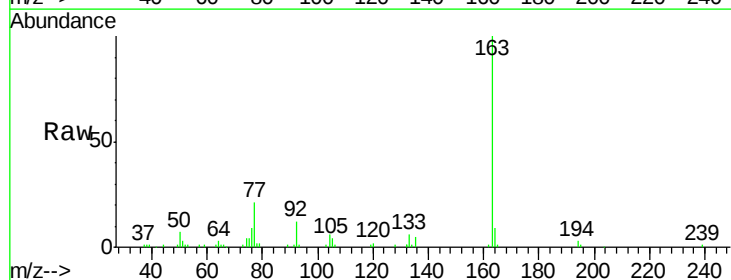
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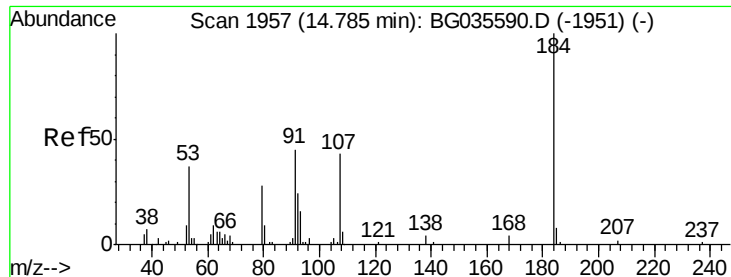
Tgt Ion:172 Resp: 801584
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 5.932 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG035752.D
Acq: 19 Jul 2018 14:01

Tgt Ion:163 Resp: 59157
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.2#
164 9.5 8.2 12.4

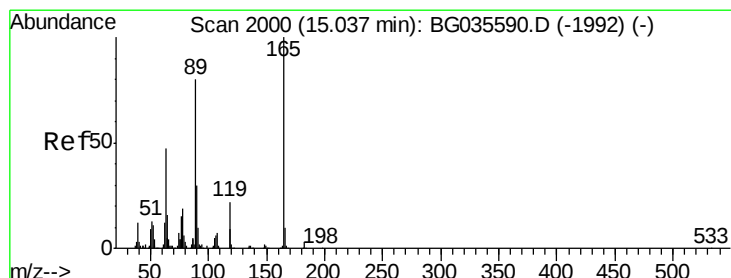
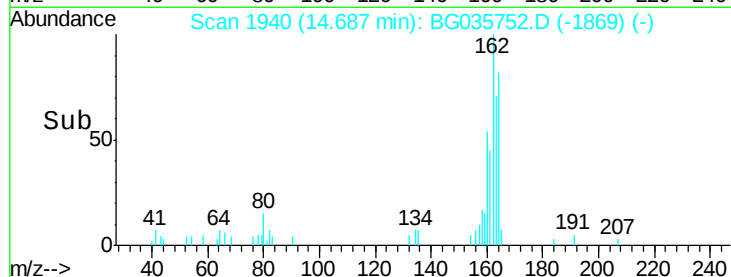
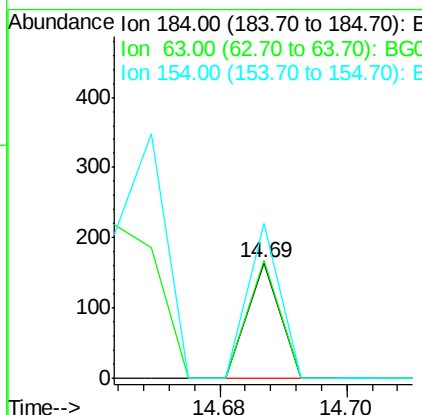
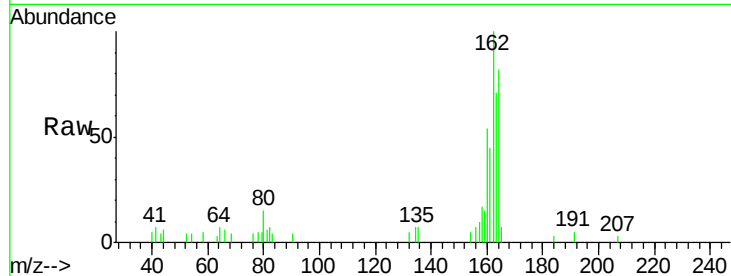




#53
 2,4-Dinitrophenol
 Concen: 6.633 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.12 min
 Lab File: BG035752.D
 Acq: 19 Jul 2018 14:01

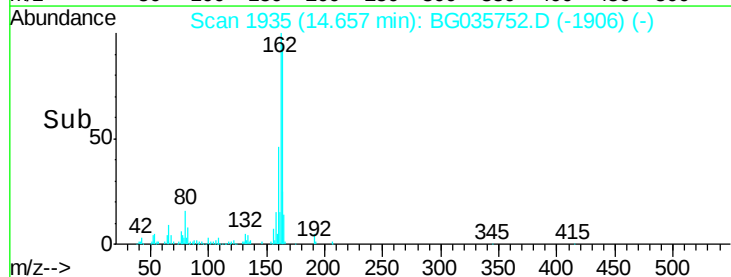
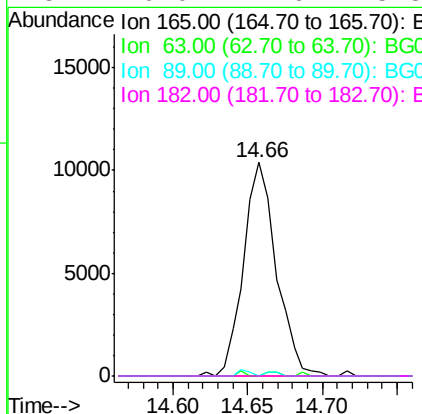
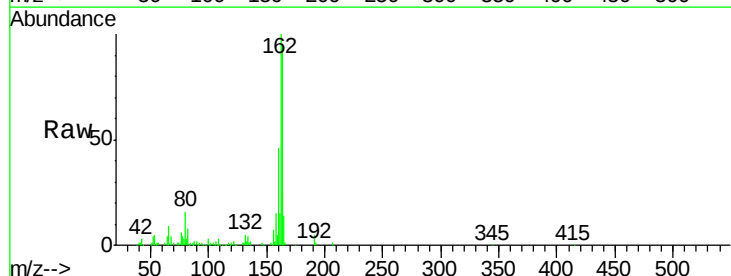
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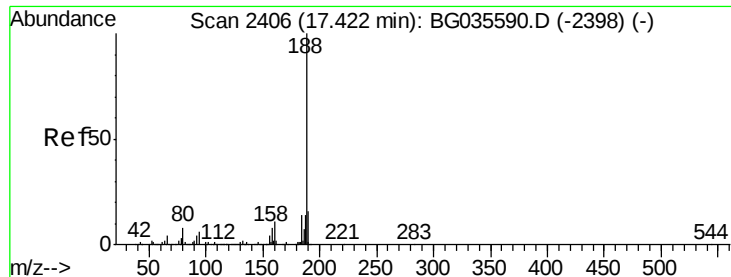
Tgt Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 101.8 59.8 89.8#
 154 134.8 101.8 152.8



#56
 2,4-Dinitrotoluene
 Concen: 5.427 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.36 min
 Lab File: BG035752.D
 Acq: 19 Jul 2018 14:01

Tgt Ion:165 Resp: 15811
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

071618-DBRI-F-U-M

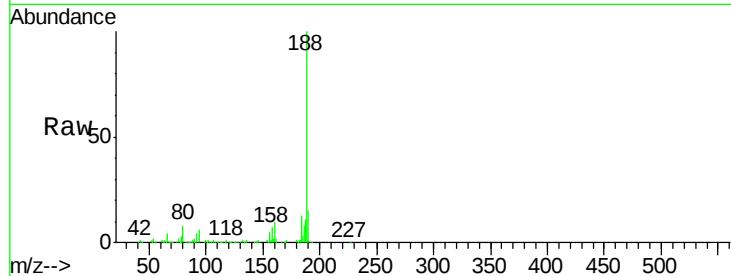
Tgt Ion:188 Resp: 330389

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

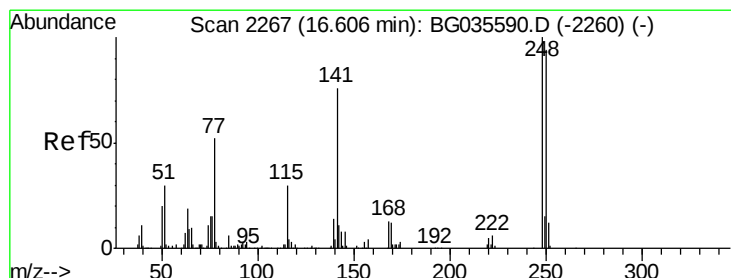
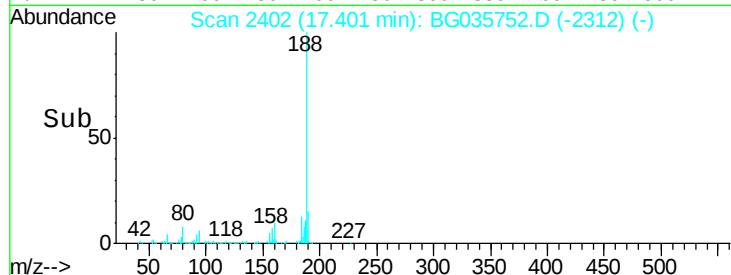
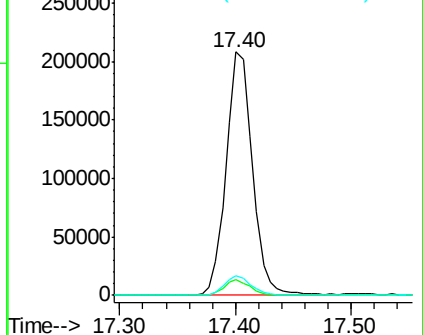
80 8.2 7.7 11.5



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: 3.472 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.44 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

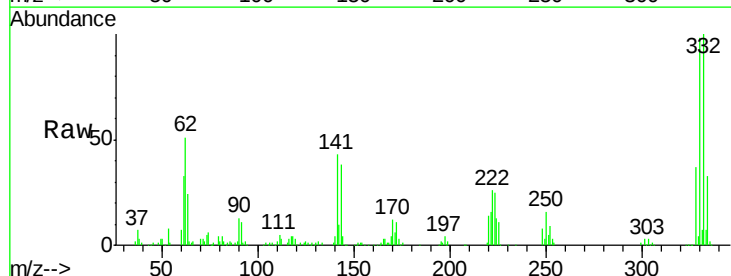
Tgt Ion:248 Resp: 13308

Ion Ratio Lower Upper

248 100

250 194.0 77.1 115.7#

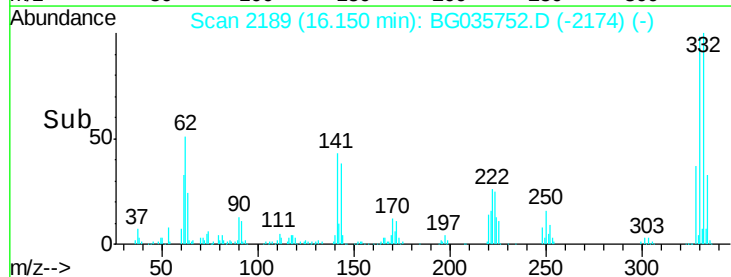
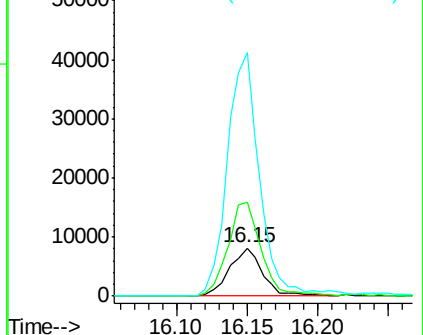
141 505.8 50.8 76.2#



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. -0.01 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

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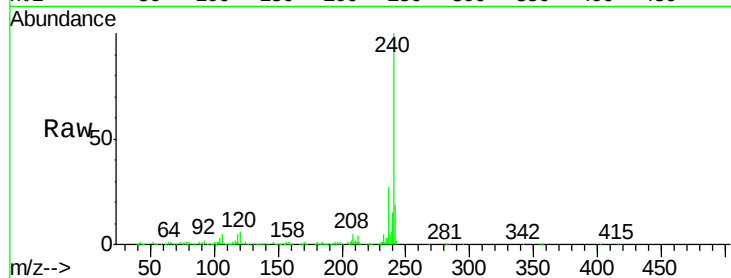
Tgt Ion:240 Resp: 363716

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

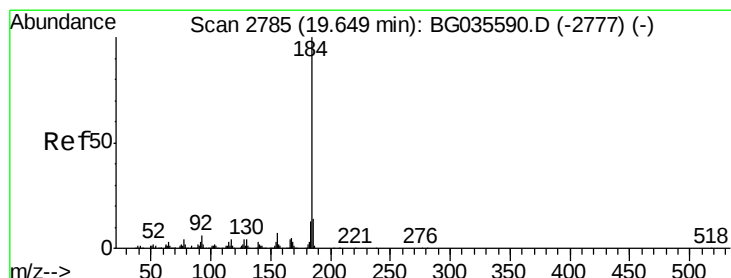
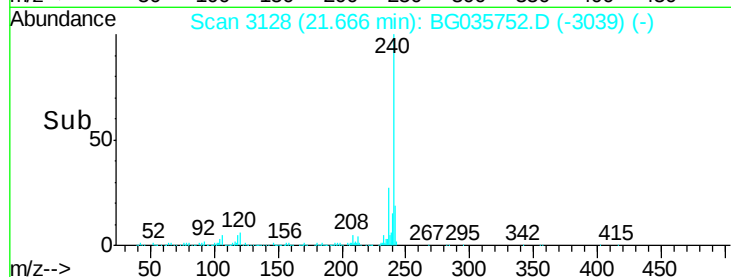
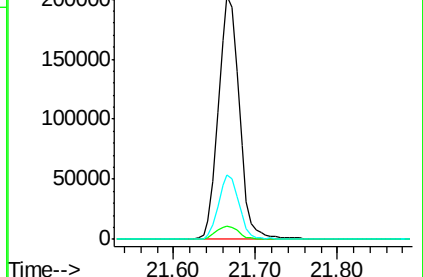
236 26.7 20.9 31.3



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: 2.954 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.37 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

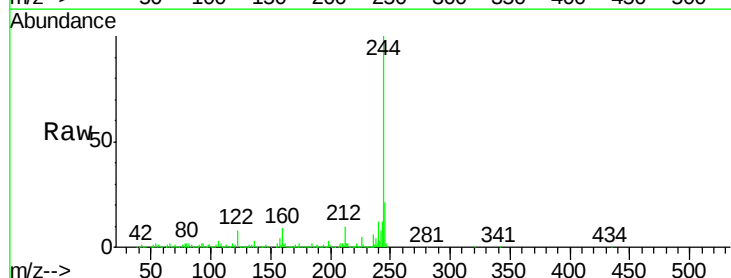
Tgt Ion:184 Resp: 28251

Ion Ratio Lower Upper

184 100

185 20.0 11.1 16.7#

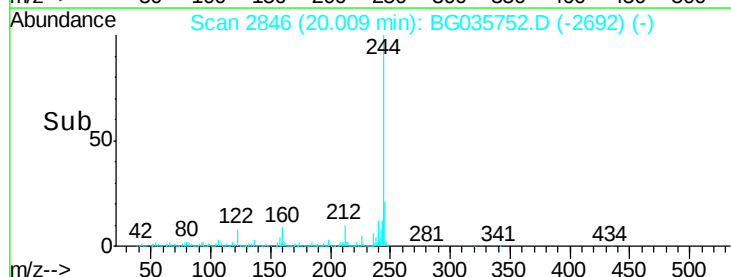
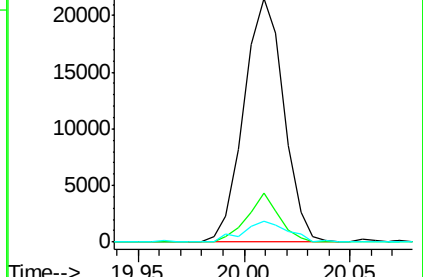
183 8.7 10.6 16.0#

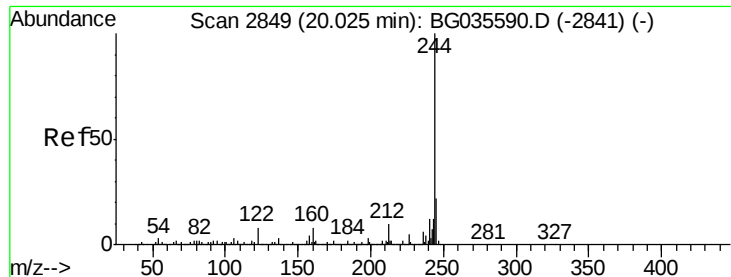


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.578 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

Instrument :

BNA_G

ClientSampleId :

071618-DBRI-F-U-M

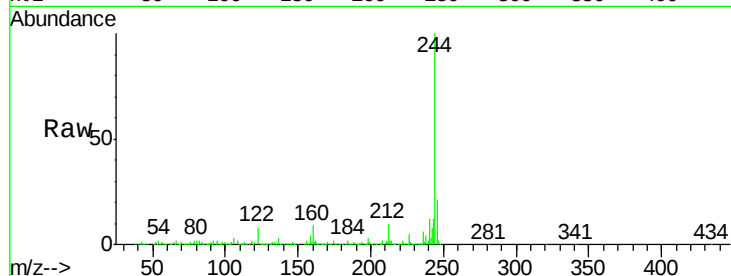
Tgt Ion:244 Resp: 1544059

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

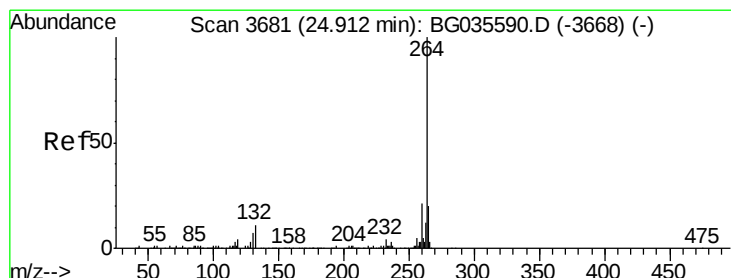
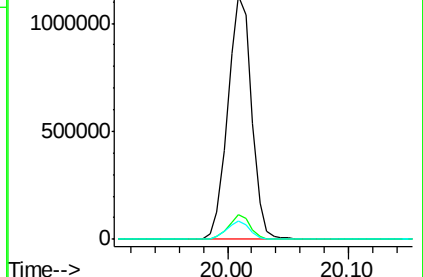
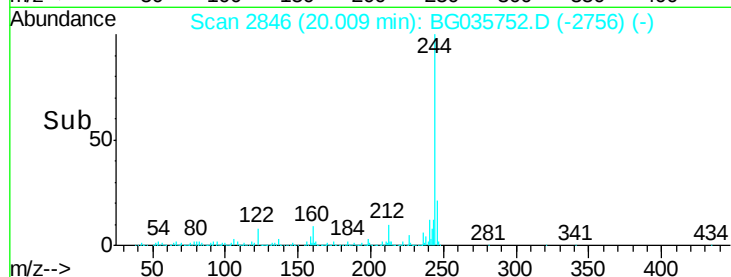
122 7.7 7.0 10.4



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: 24.87 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG035752.D

Acq: 19 Jul 2018 14:01

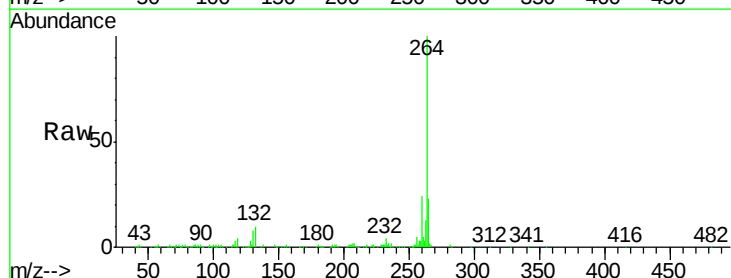
Tgt Ion:264 Resp: 344119

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 23.1 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

