

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035704.D
 Acq On : 18 Jul 2018 5:46
 Operator : JU/SJ
 Sample : J3990-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-B

Quant Time: Jul 18 07:02:24 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

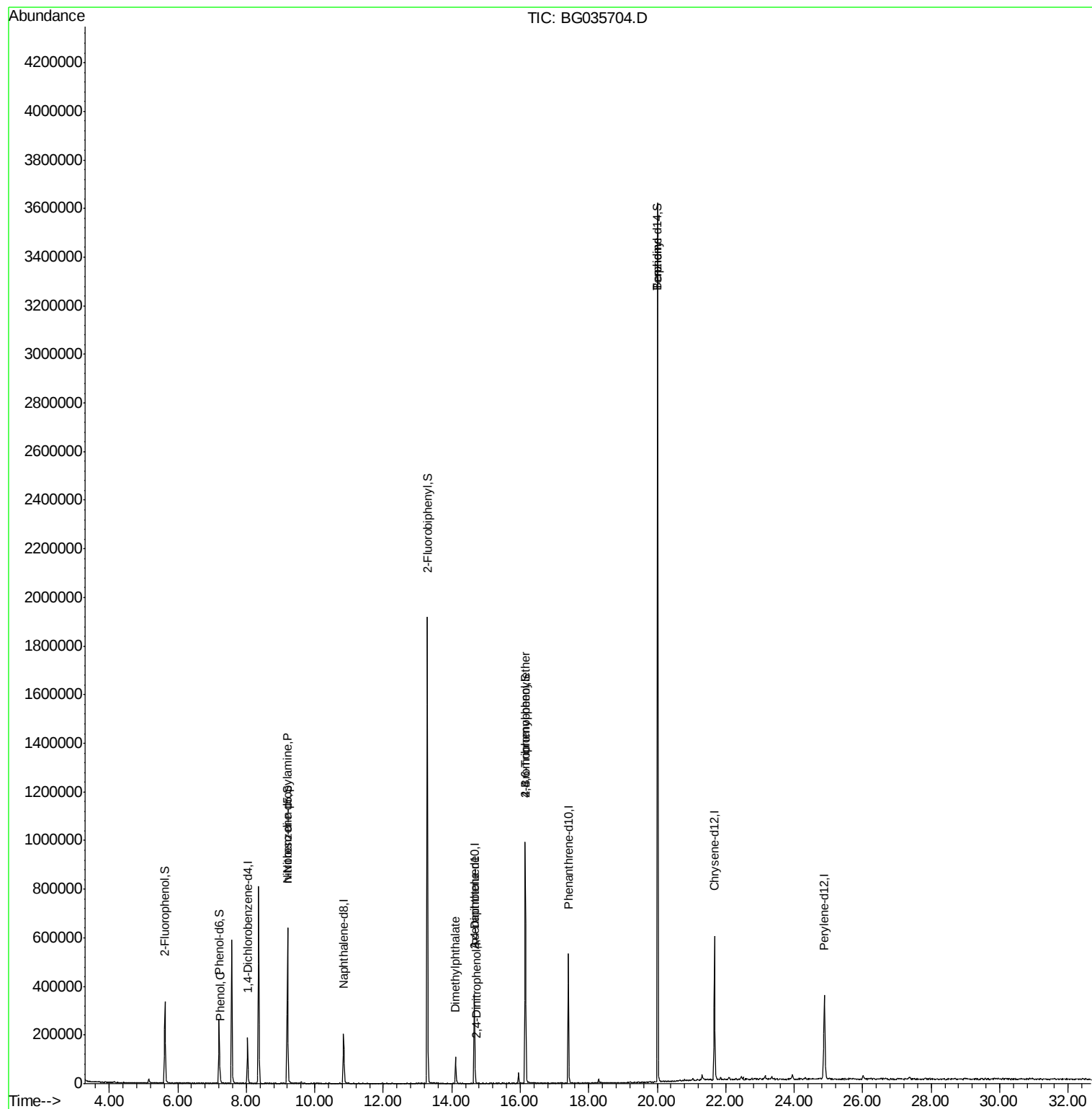
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50449	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	181650	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	126140	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	344333	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	388491	20.00	ng	-0.02
86) Perylene-d12	24.88	264	368616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	155597	51.21	ng	0.00
7) Phenol-d6	7.21	99	163109	35.98	ng	-0.01
23) Nitrobenzene-d5	9.20	82	442957	101.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	183604	110.43	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	1001476	106.37	ng	-0.02
78) Terphenyl-d14	20.01	244	1643091	93.23	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	11060	2.415	ng	87
19) n-Nitroso-di-n-propylamine	9.20	70	60931	15.960	ng	# 67
49) Dimethylphthalate	14.11	163	82150	7.433	ng	# 99
53) 2,4-Dinitrophenol	14.73	184	93	6.656	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	17722	5.489	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	15917	3.984	ng	# 1
76) Benzidine	20.01	184	29138	2.853	ng	# 87

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

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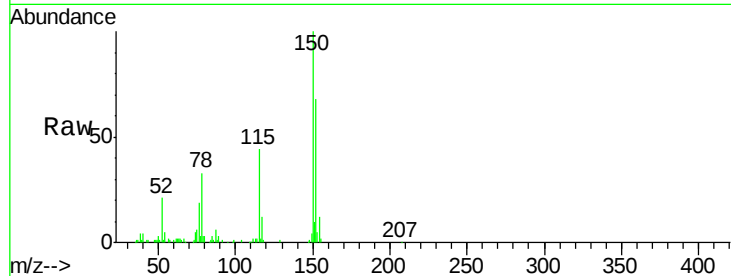


#1

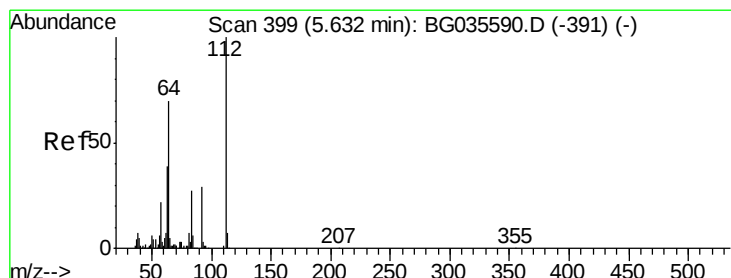
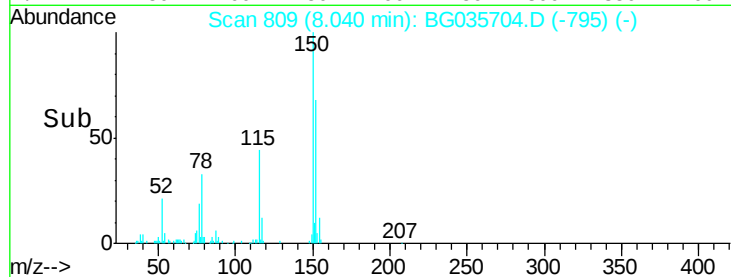
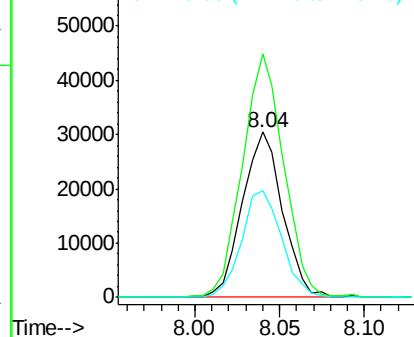
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	64.3	53.0	79.4



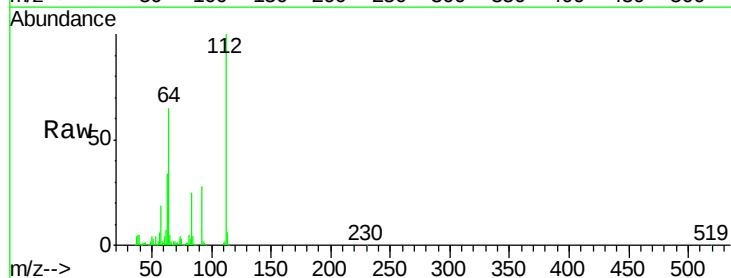
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



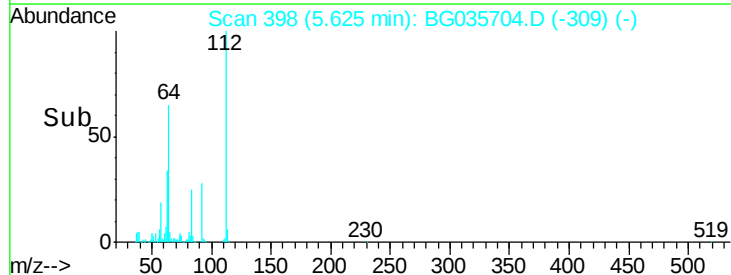
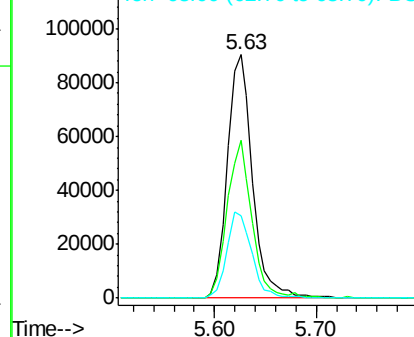
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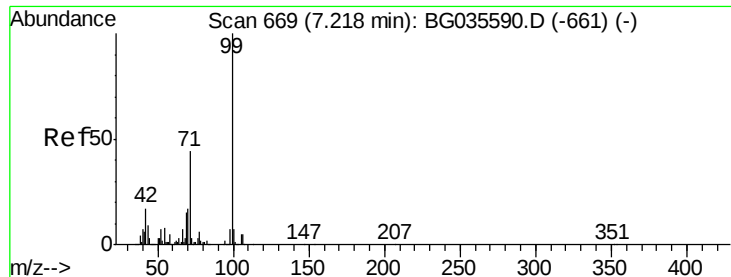
2-Fluorophenol
Concen: 51.206 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	56.3	84.5
63	34.1	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 35.977 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-B

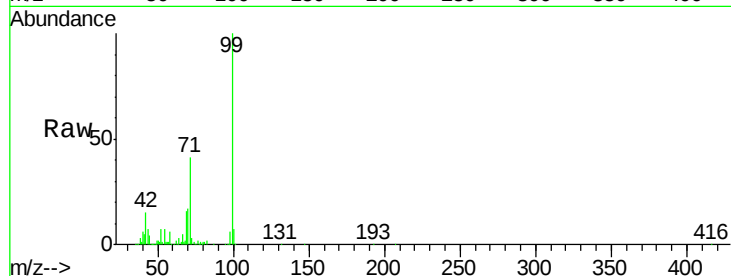
Tgt Ion: 99 Resp: 163109

Ion Ratio Lower Upper

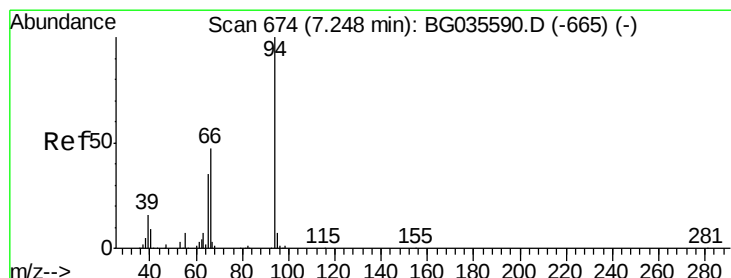
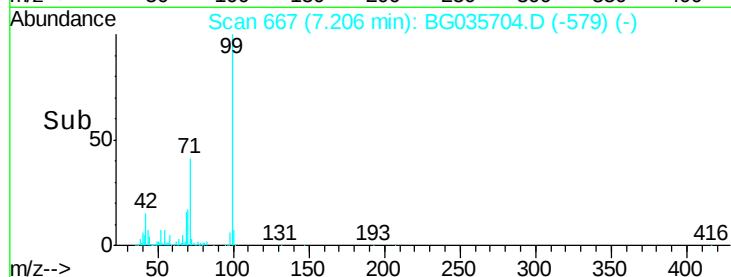
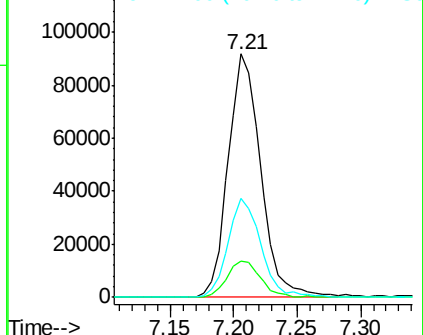
99 100

42 15.0 14.1 21.1

71 40.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.415 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

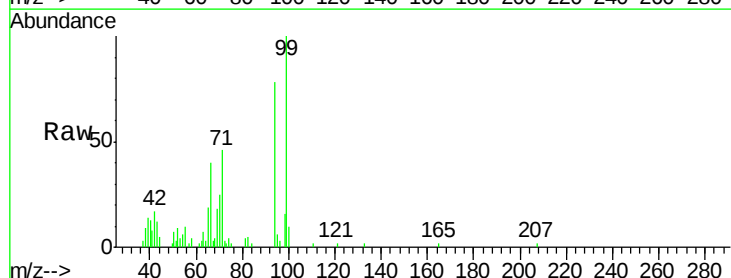
Tgt Ion: 94 Resp: 11060

Ion Ratio Lower Upper

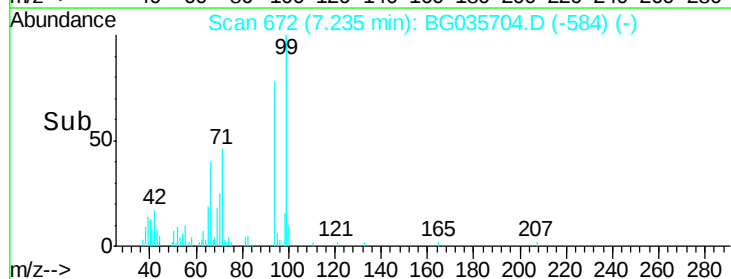
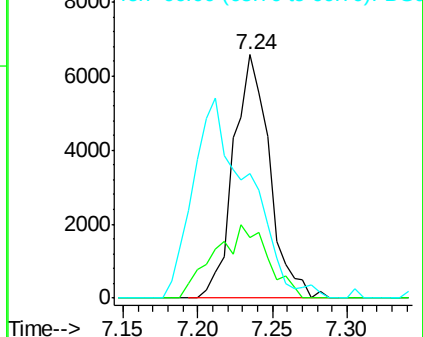
94 100

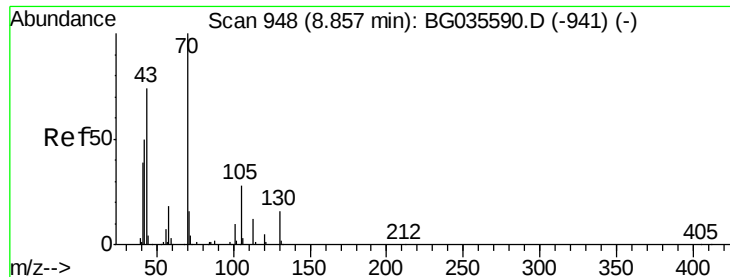
65 25.0 11.9 51.9

66 51.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

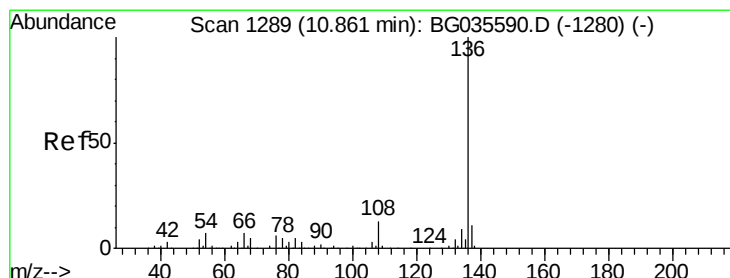
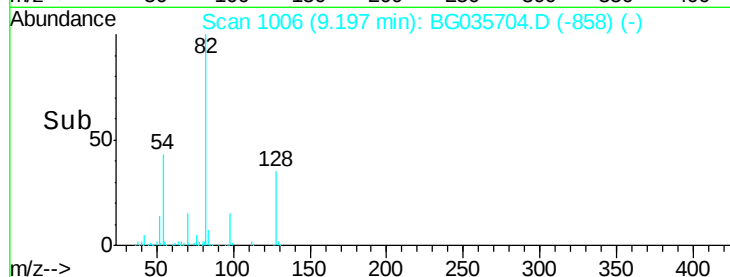
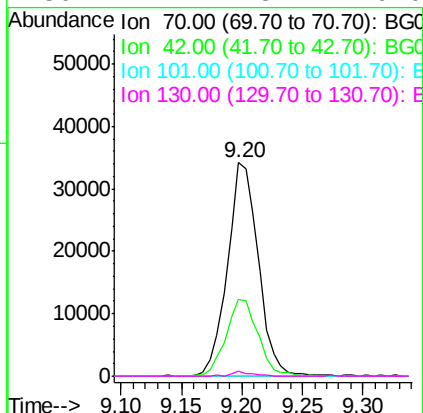
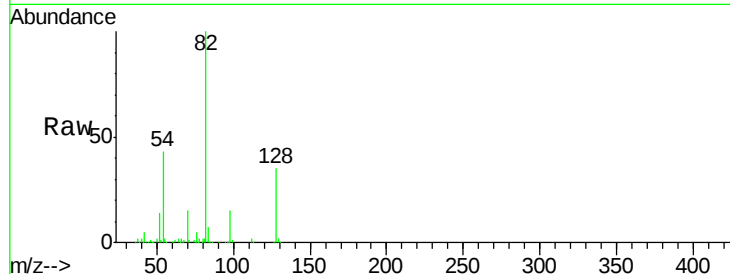




#19
n-Nitroso-di-n-propylamine
Concen: 15.960 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.34 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

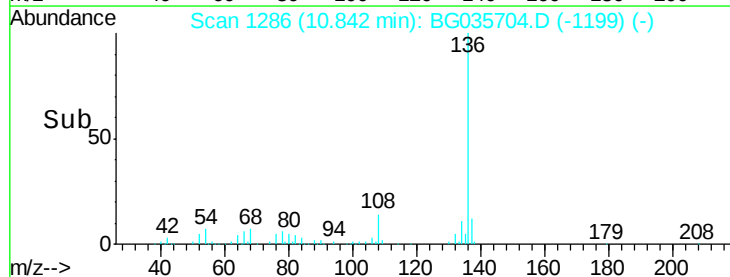
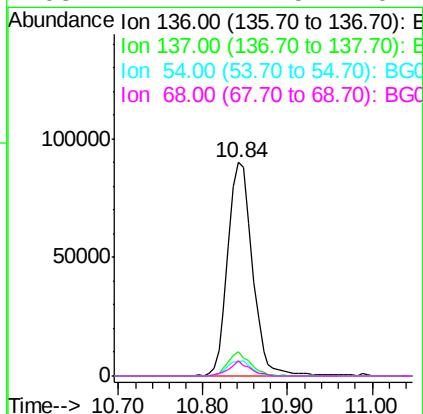
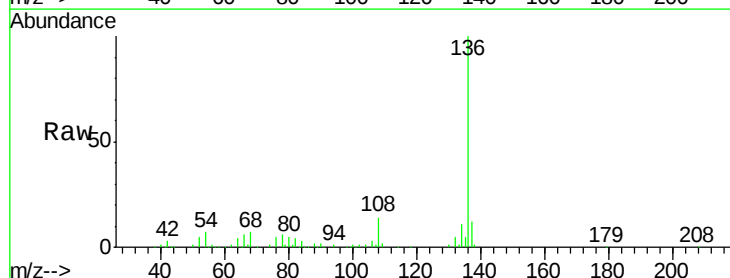
Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-B

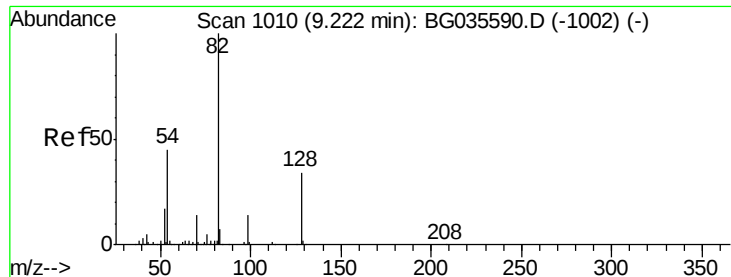
Tgt Ion: 70 Resp: 60931
Ion Ratio Lower Upper
70 100
42 35.9 49.1 73.7#
101 0.0 8.5 12.7#
130 2.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

Tgt Ion: 136 Resp: 181650
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 6.5 10.3 15.5#
68 7.2 4.5 6.7#

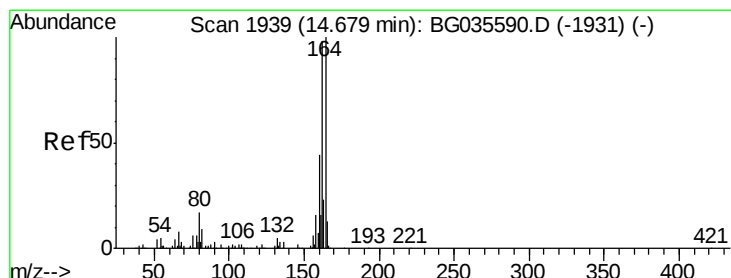
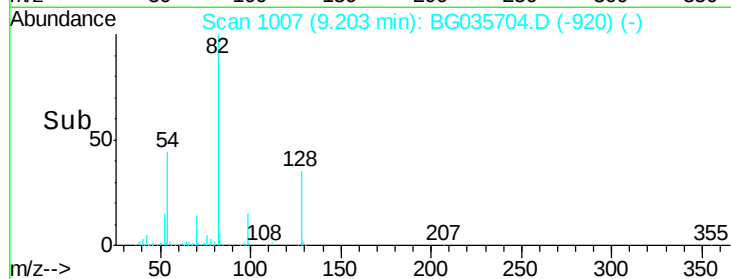
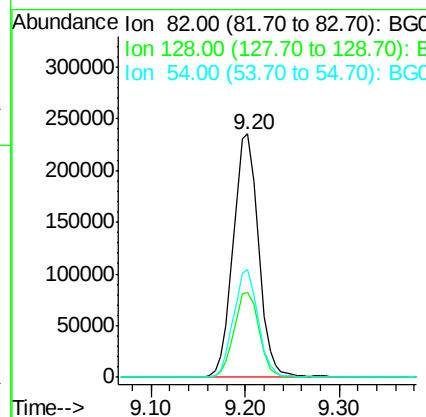
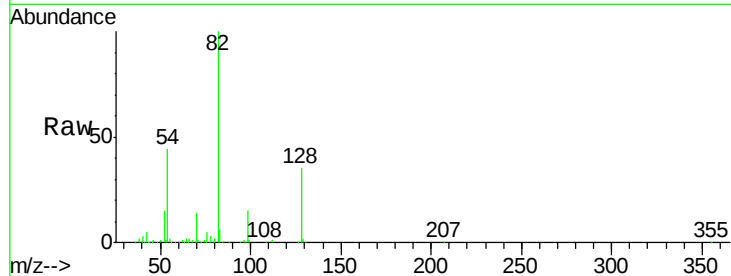




#23
Nitrobenzene-d5
Concen: 101.868 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

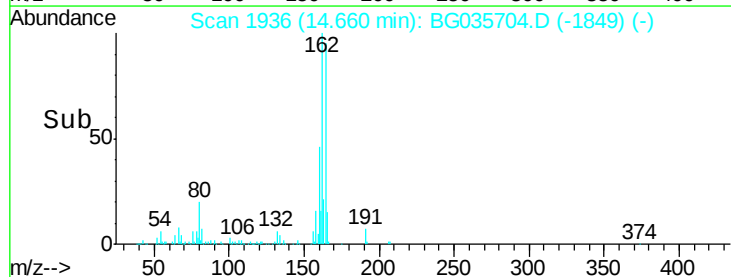
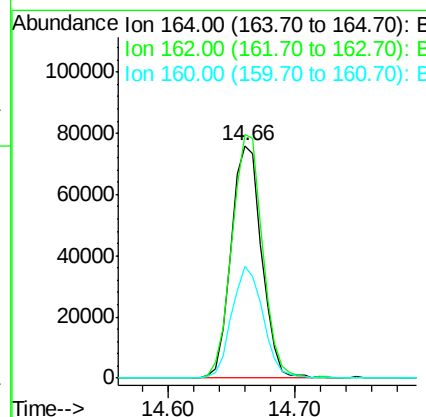
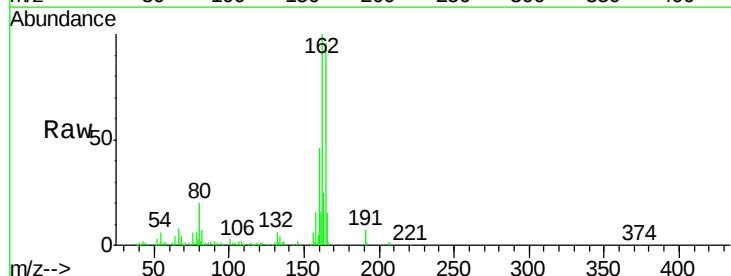
Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-B

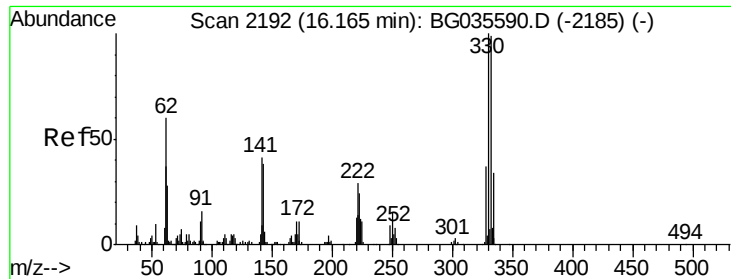
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	44.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	47.9	35.4	53.0

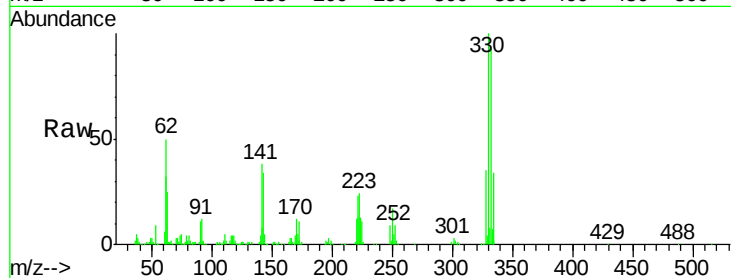




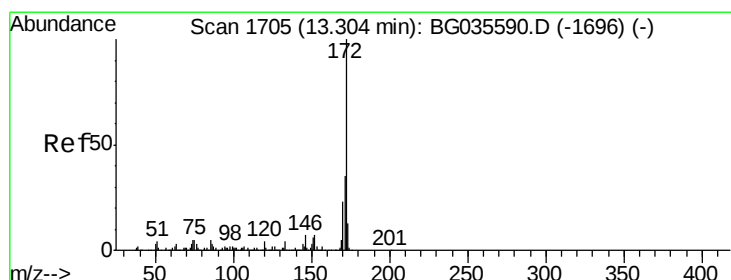
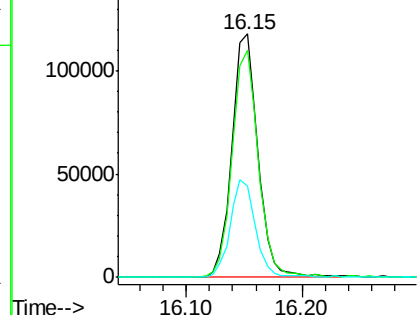
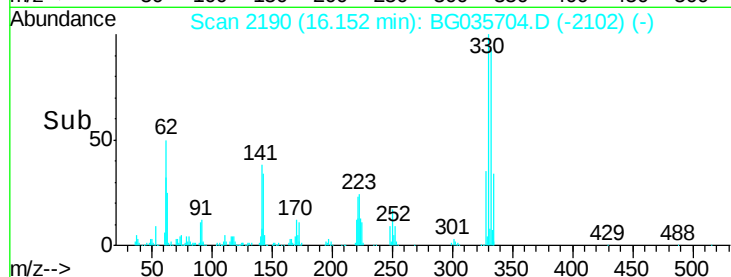
#41
 2,4,6-Tribromophenol
 Concen: 110.431 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-B

Tgt Ion:330 Resp: 183604
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 39.0 25.2 37.8#

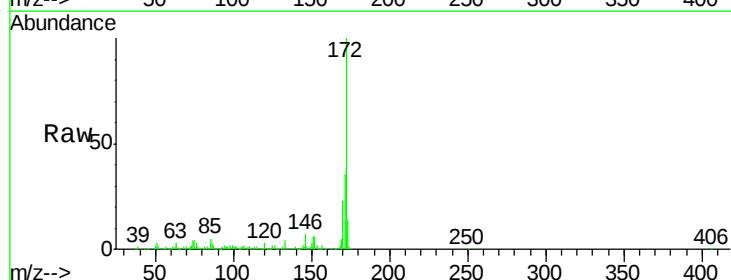


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

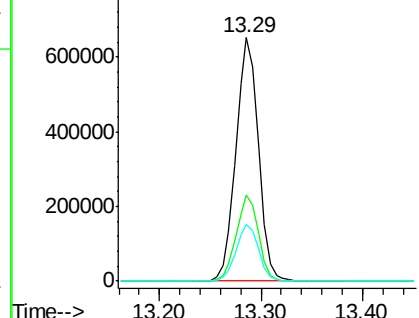
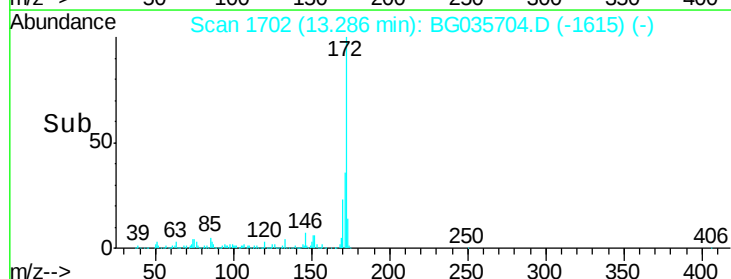


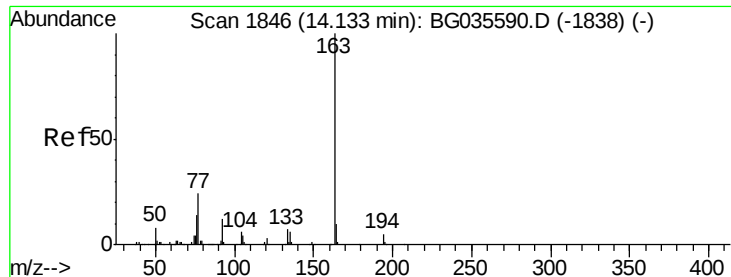
#44
 2-Fluorobiphenyl
 Concen: 106.367 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

Tgt Ion:172 Resp: 1001476
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.433 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-B

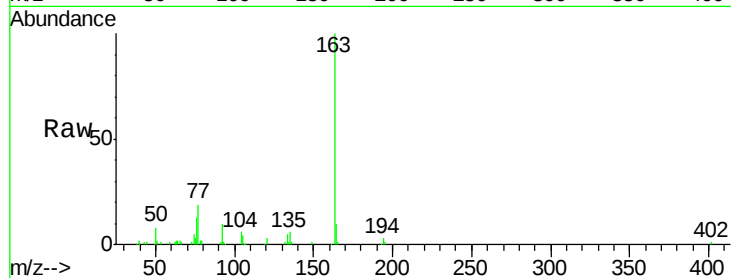
Tgt Ion:163 Resp: 82150

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

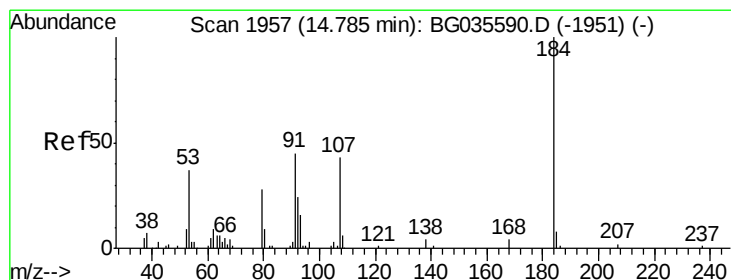
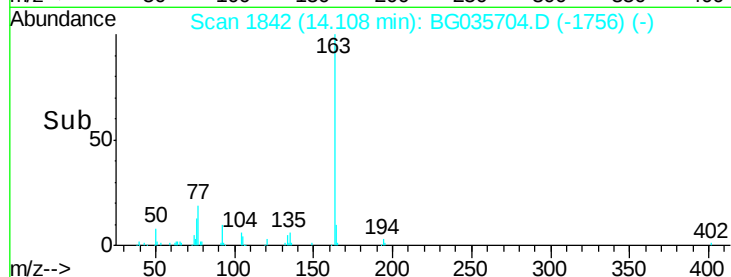
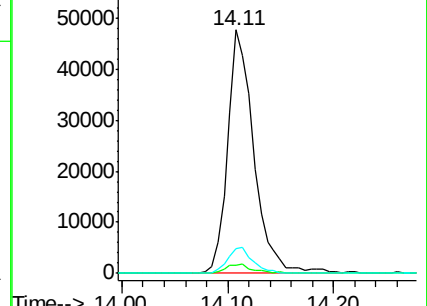
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.656 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.05 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

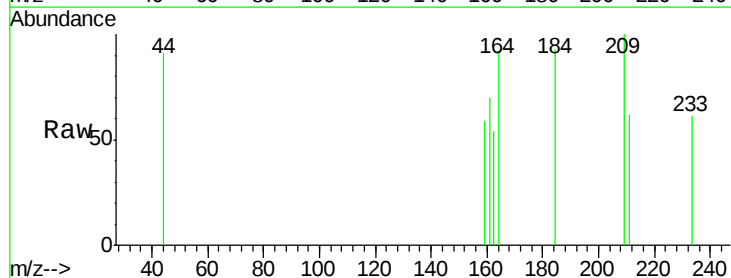
Tgt Ion:184 Resp: 93

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

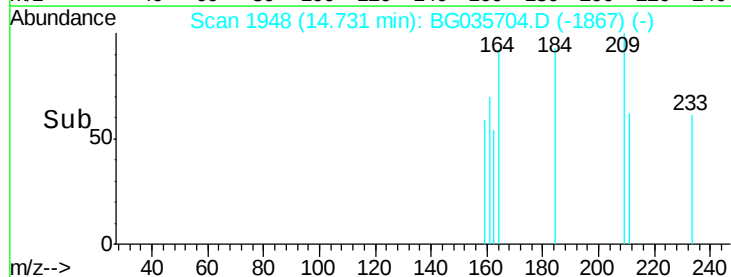
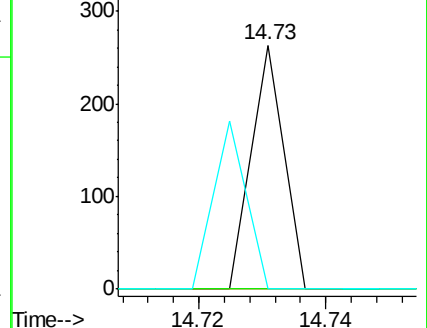
154 0.0 101.8 152.8#

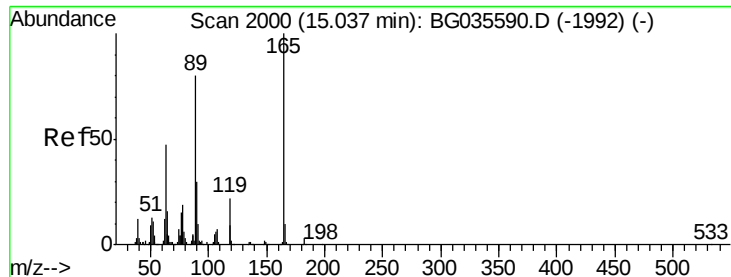


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

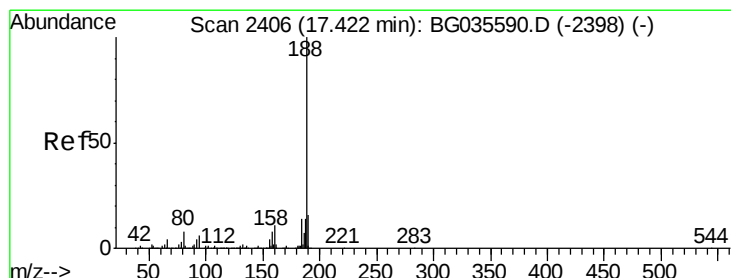
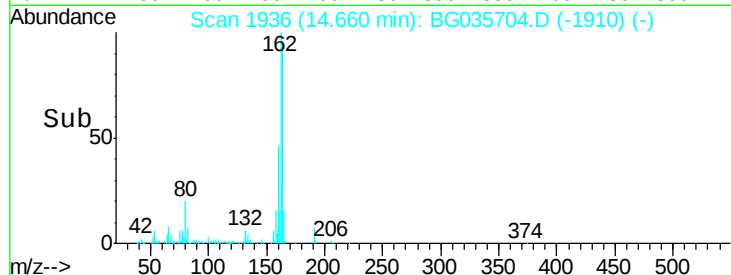
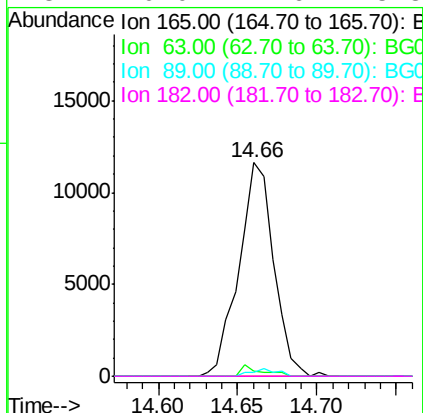
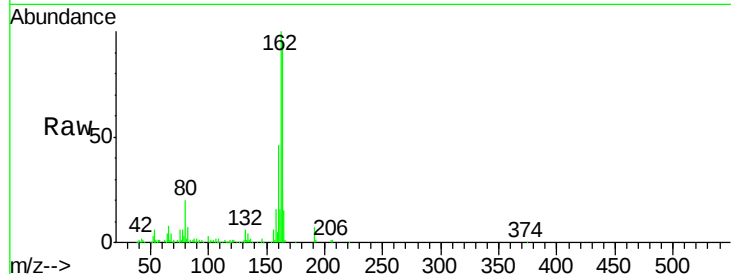




#56
 2,4-Dinitrotoluene
 Concen: 5.489 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.38 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

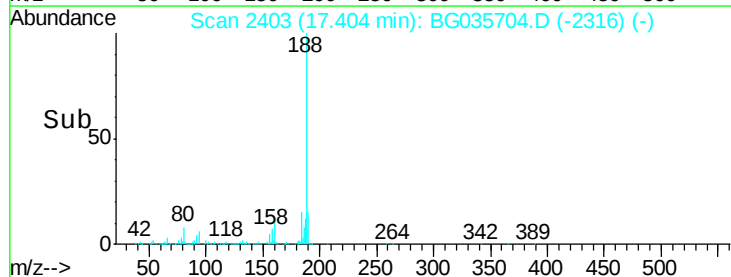
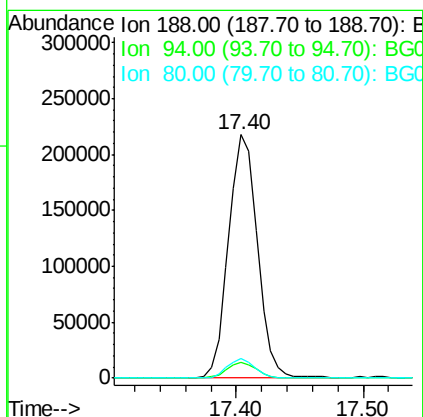
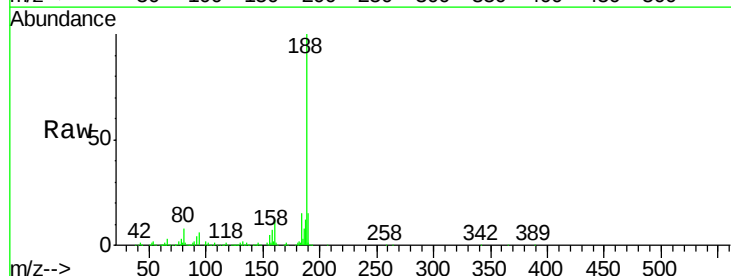
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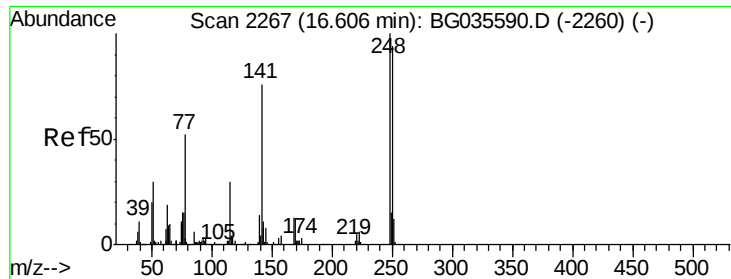
Tgt Ion:165 Resp: 17722
 Ion Ratio Lower Upper
 165 100
 63 2.5 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

Tgt Ion:188 Resp: 344333
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 7.9 7.7 11.5

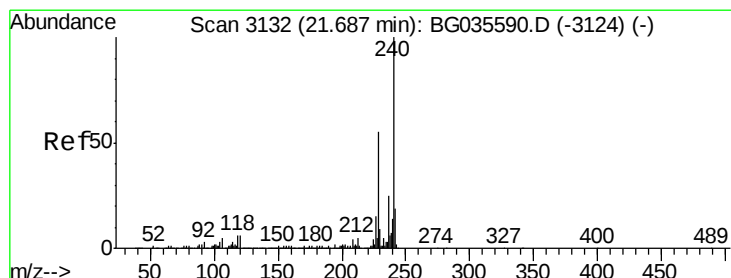
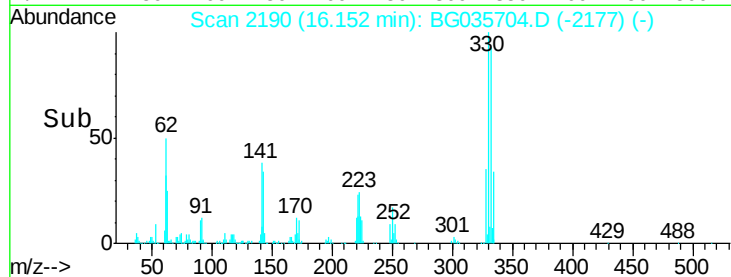
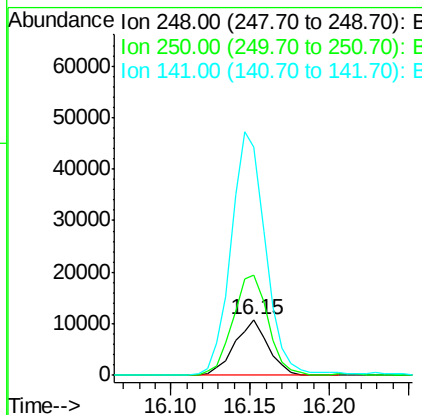
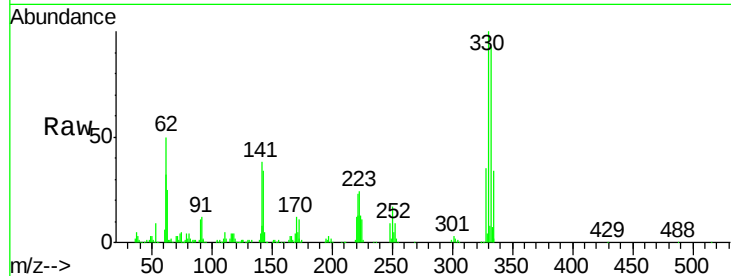




#66
 4-Bromophenyl-phenylether
 Concen: 3.984 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

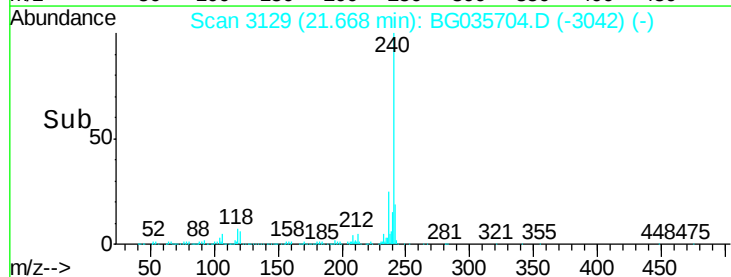
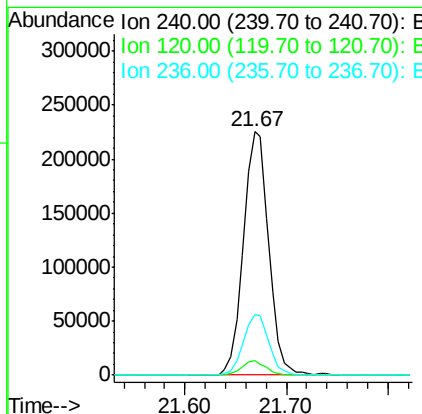
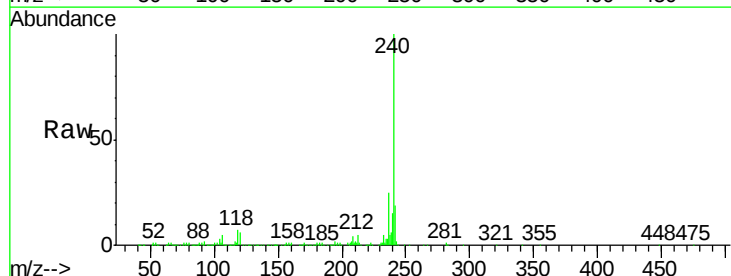
Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-B

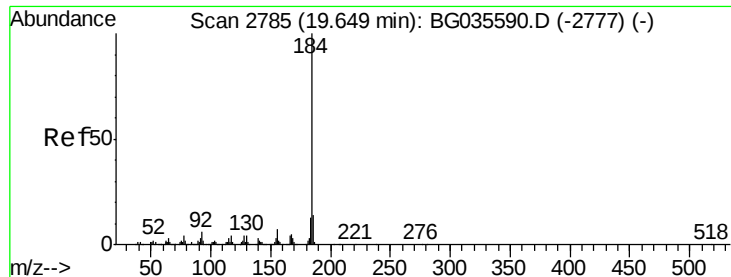
Tgt Ion:248 Resp: 15917
 Ion Ratio Lower Upper
 248 100
 250 179.8 77.1 115.7#
 141 408.3 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG035704.D
 Acq: 18 Jul 2018 5:46

Tgt Ion:240 Resp: 388491
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 24.8 20.9 31.3





#76

Benzidine

Concen: 2.853 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-B

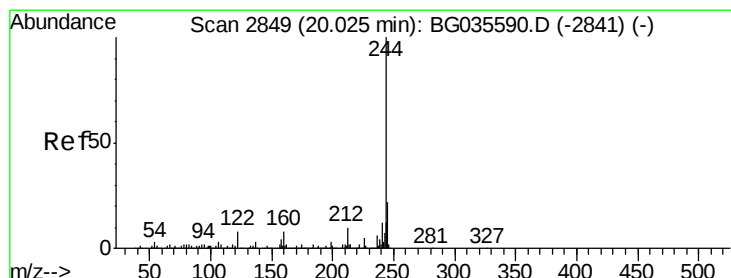
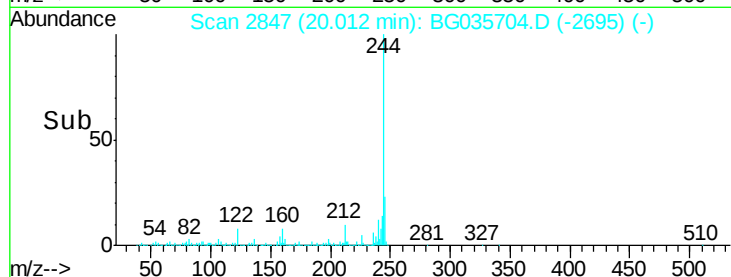
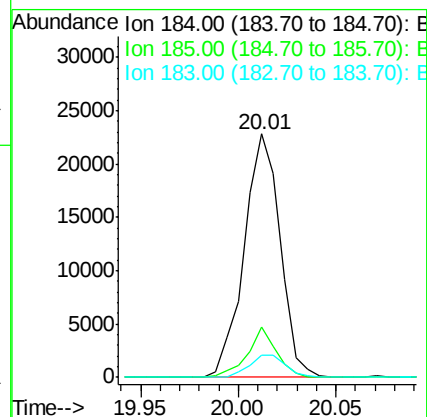
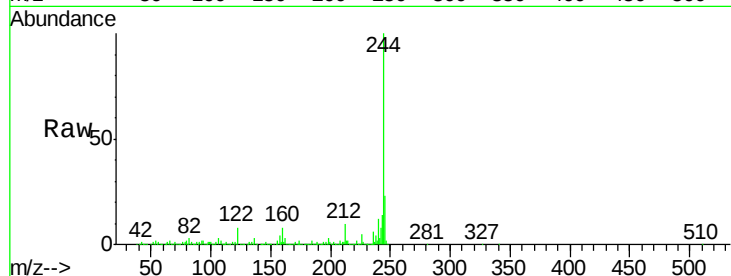
Tgt Ion:184 Resp: 29138

Ion Ratio Lower Upper

184 100

185 20.4 11.1 16.7#

183 9.2 10.6 16.0#



#78

Terphenyl-d14

Concen: 93.229 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035704.D

Acq: 18 Jul 2018 5:46

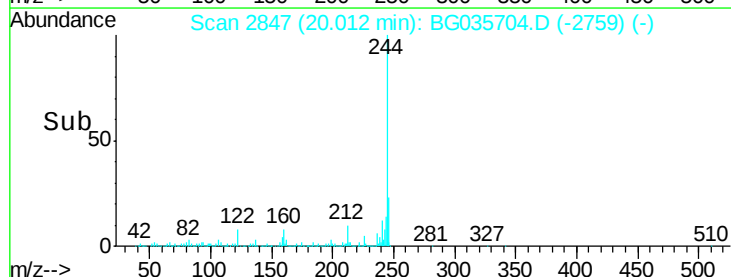
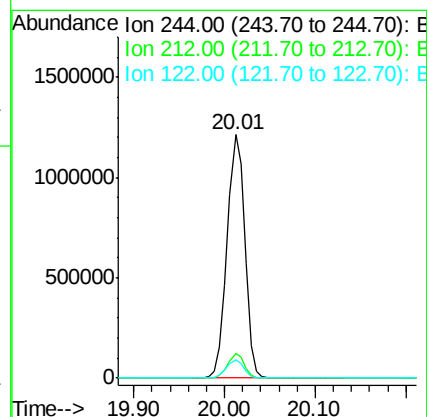
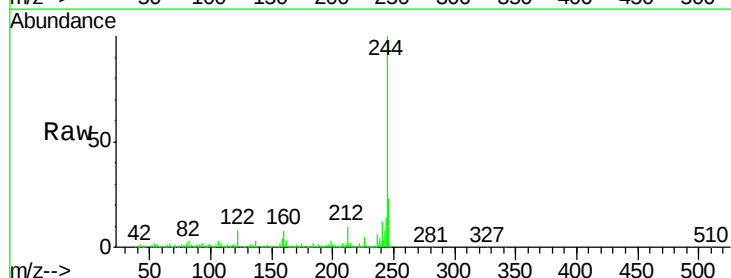
Tgt Ion:244 Resp: 1643091

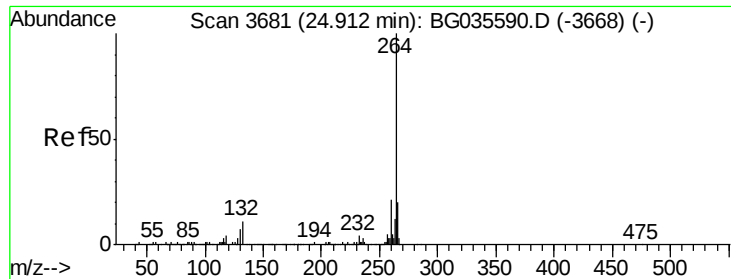
Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

122 7.5 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035704.D
Acq: 18 Jul 2018 5:46

Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.0	17.7	26.5

