

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035706.D
 Acq On : 18 Jul 2018 7:04
 Operator : JU/SJ
 Sample : J3990-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 18 08:30:46 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

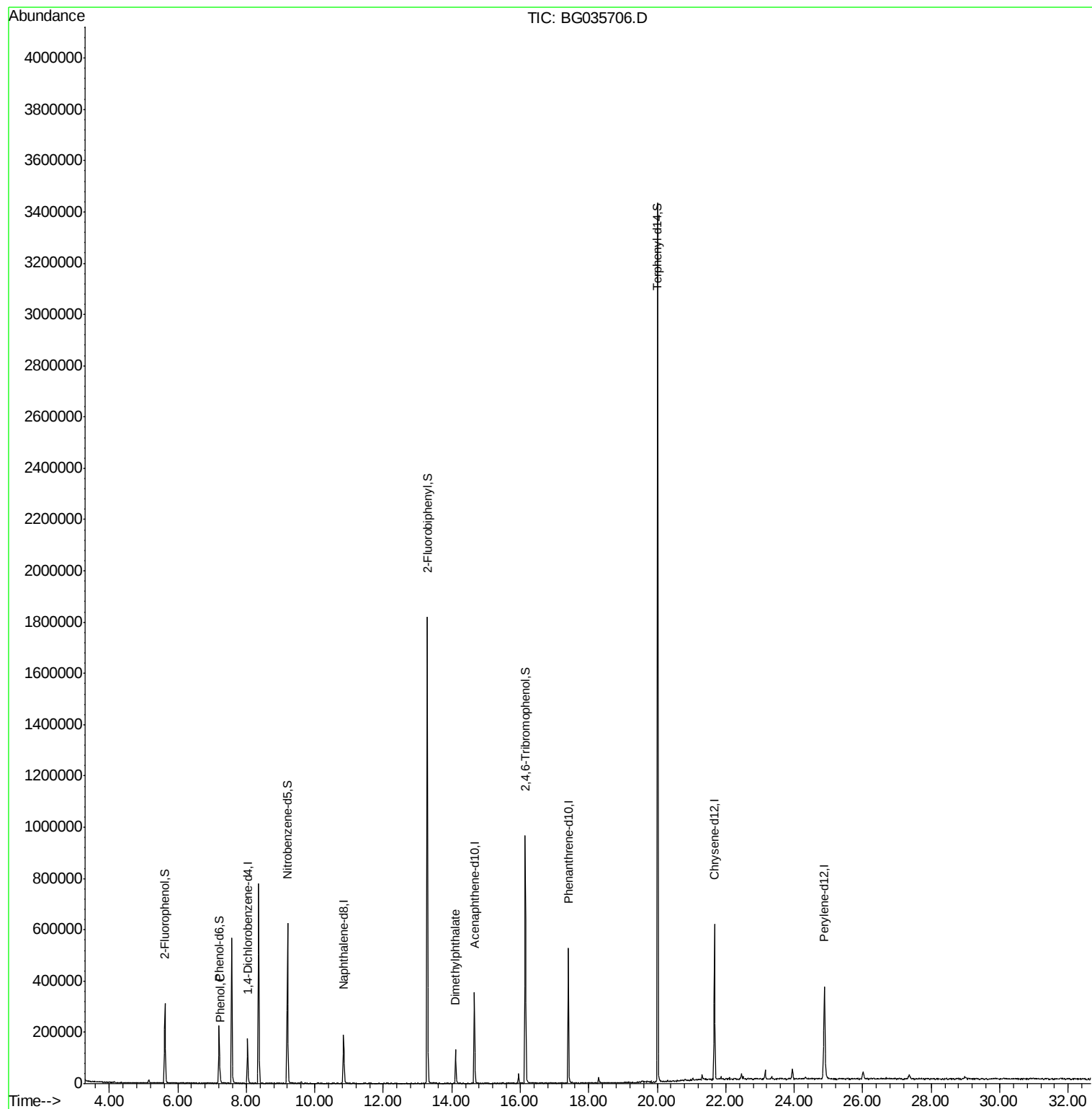
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50583	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	171564	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121275	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	331441	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	388474	20.00	ng	-0.02
86) Perylene-d12	24.88	264	384280	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	142080	46.63	ng	0.00
7) Phenol-d6	7.21	99	141730	31.18	ng	-0.01
23) Nitrobenzene-d5	9.20	82	425326	103.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	182245	114.01	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	976476	107.87	ng	-0.02
78) Terphenyl-d14	20.01	244	1678808	95.26	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	11409	2.484	ng	86
49) Dimethylphthalate	14.11	163	98562	9.276	ng	98

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

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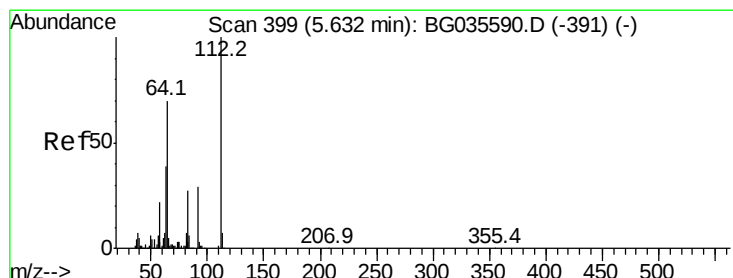
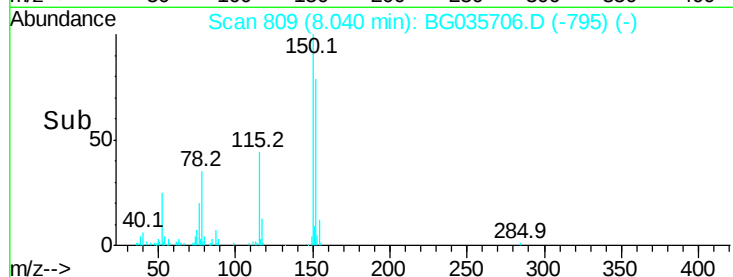
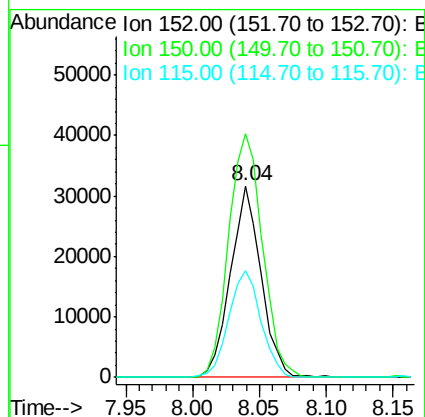
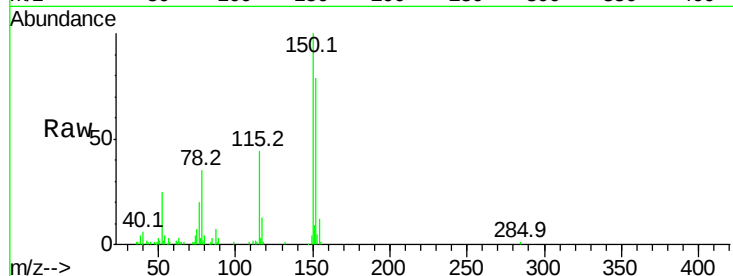


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

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

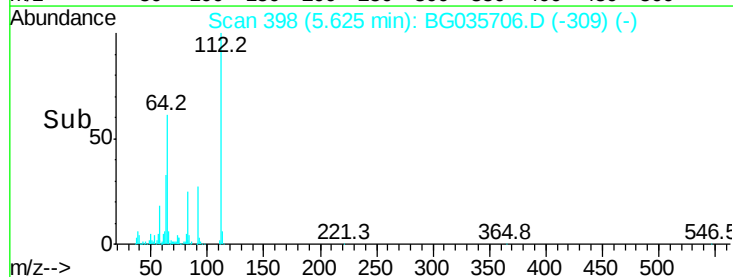
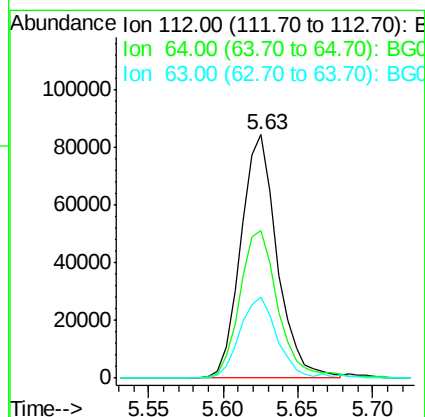
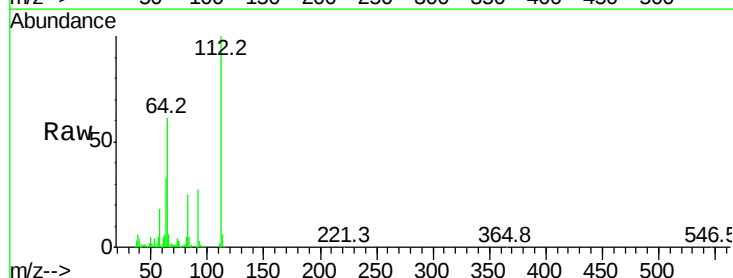
Tot Ion:152 Resp: 50583
Ion Ratio Lower Upper
152 100
150 127.0 126.6 189.8
115 55.9 53.0 79.4

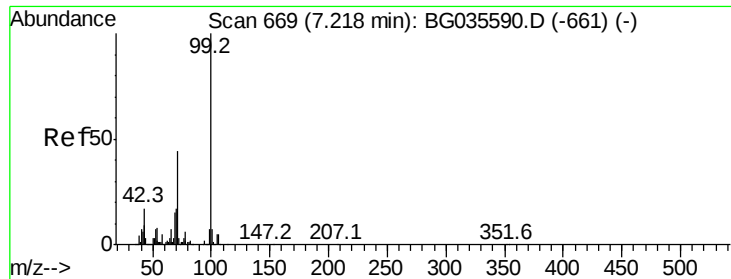


#5

2-Fluorophenol
Concen: 46.633 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

Tgt Ion:112 Resp: 142080
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 31.179 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-S

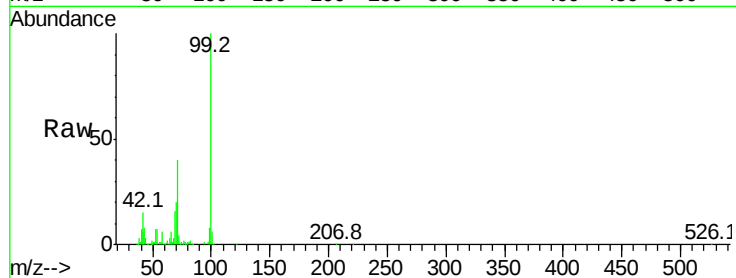
Tot Ion: 99 Resp: 141730

Ion Ratio Lower Upper

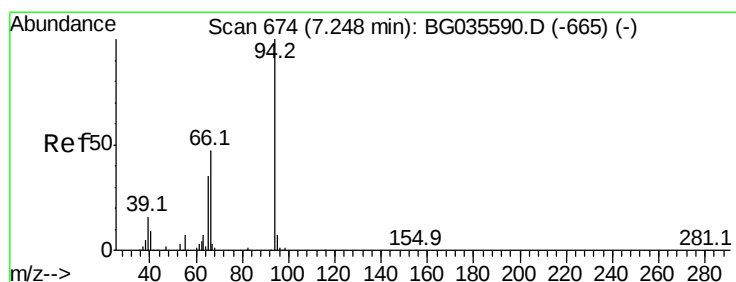
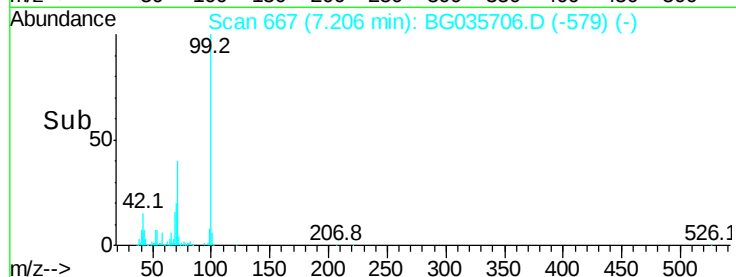
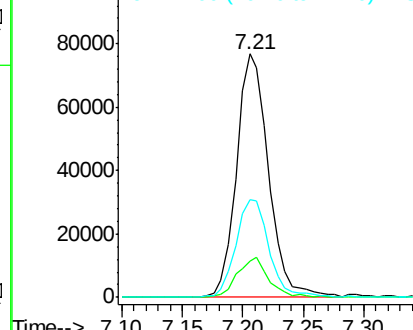
99 100

42 14.8 14.1 21.1

71 40.2 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: 2.484 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

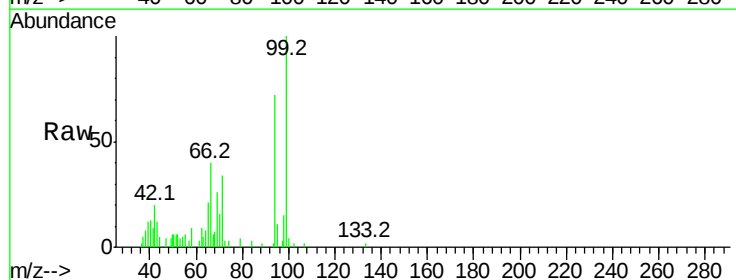
Tgt Ion: 94 Resp: 11409

Ion Ratio Lower Upper

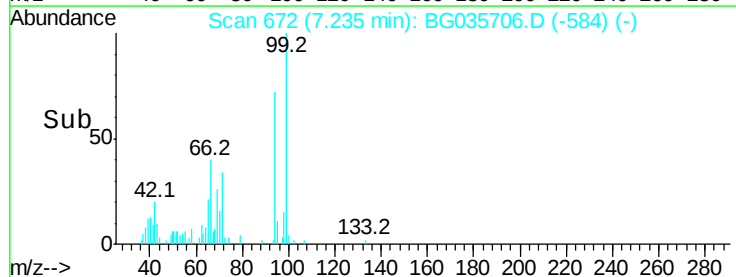
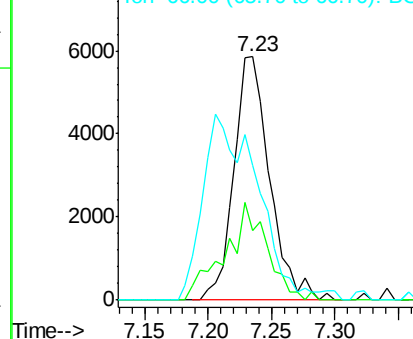
94 100

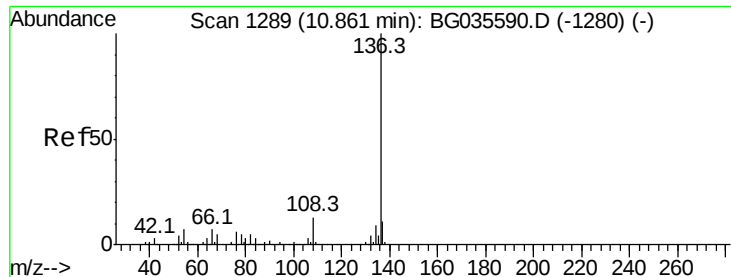
65 28.7 11.9 51.9

66 55.6 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-S

Tot Ion:136 Resp: 171564

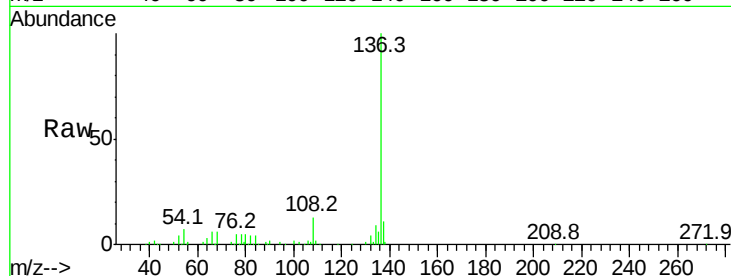
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.3 10.3 15.5#

68 5.6 4.5 6.7

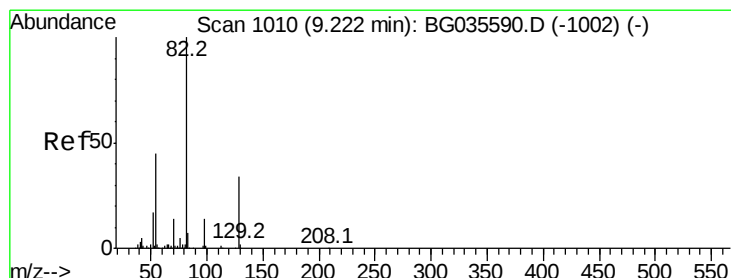
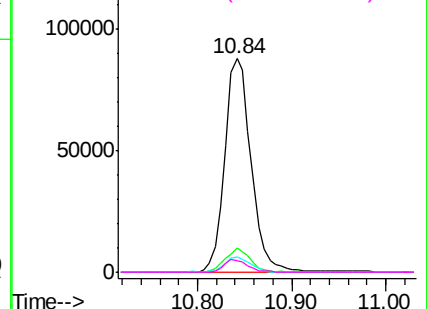
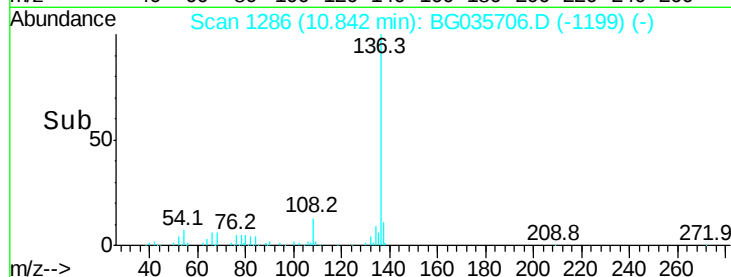


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.564 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

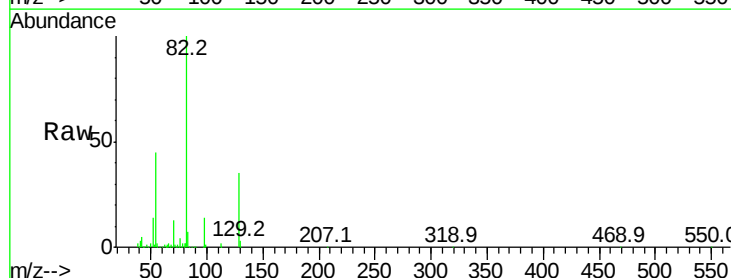
Tgt Ion: 82 Resp: 425326

Ion Ratio Lower Upper

82 100

128 35.1 29.7 44.5

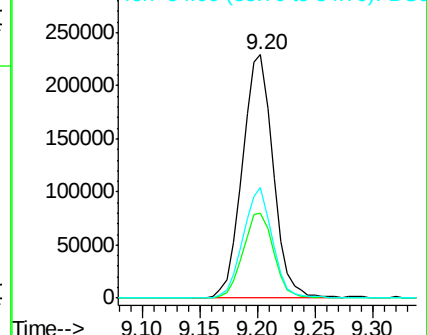
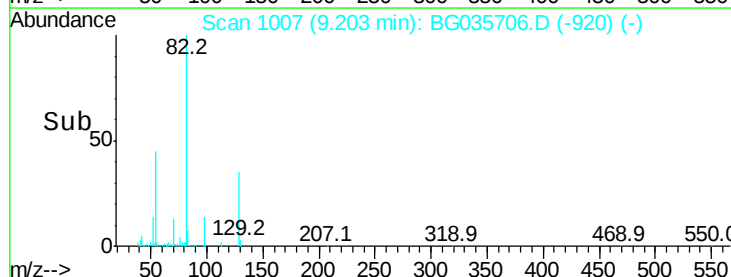
54 45.3 43.1 64.7



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: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-S

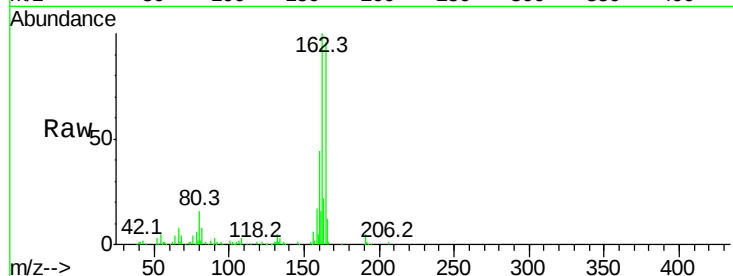
Tot Ion:164 Resp: 121275

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

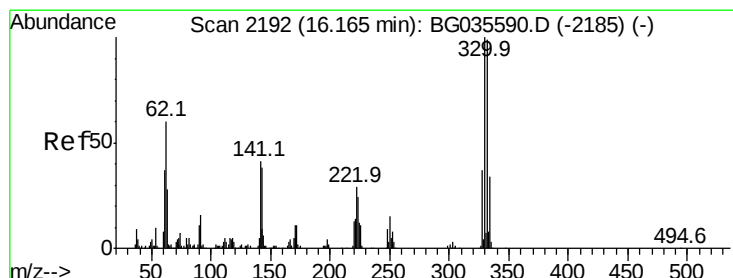
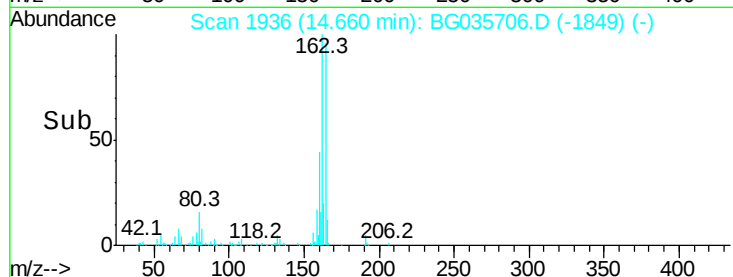
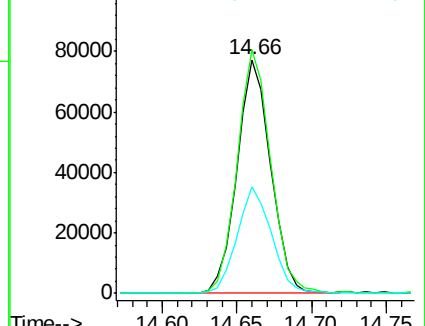
160 45.6 35.4 53.0



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: 114.011 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

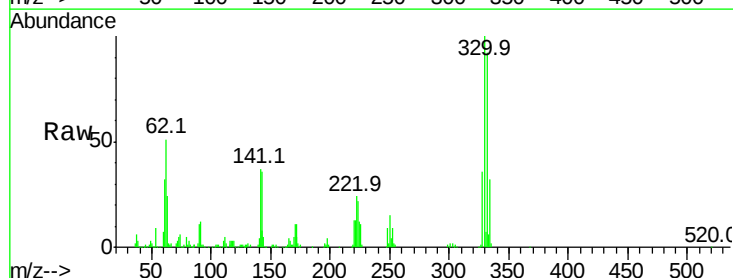
Tgt Ion:330 Resp: 182245

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

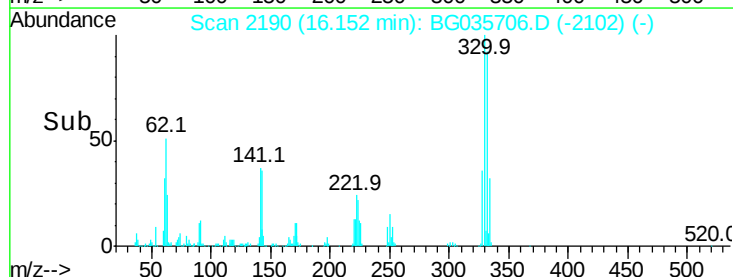
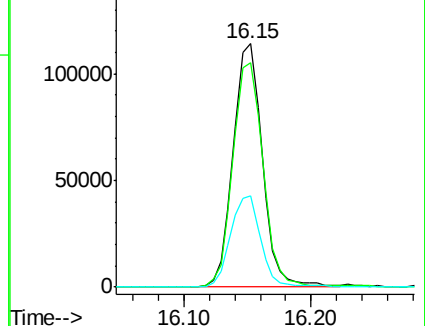
141 38.6 25.2 37.8#

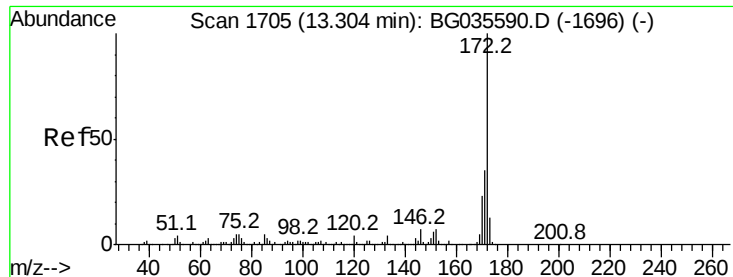


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

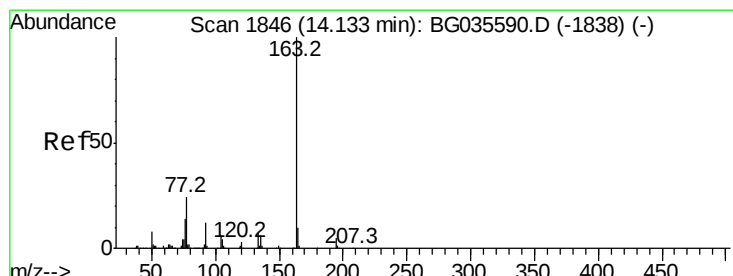
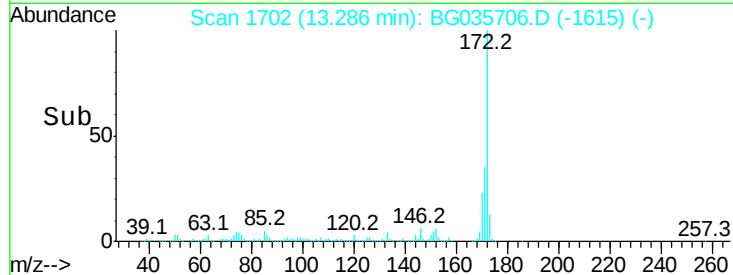
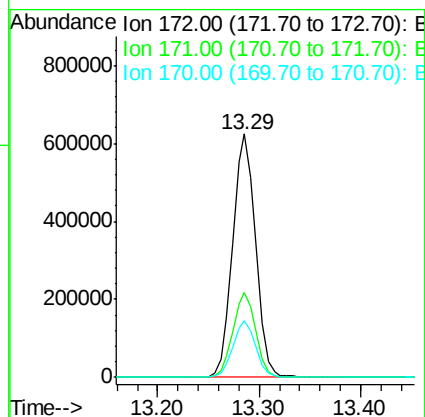
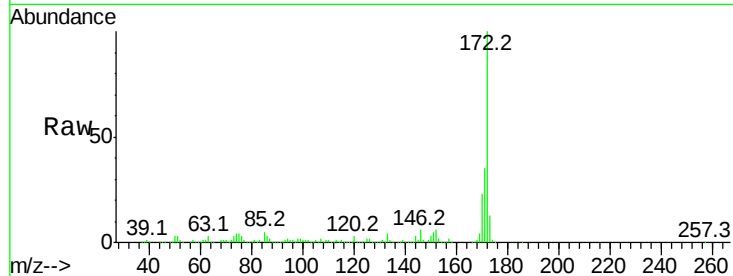




#44
2-Fluorobiphenyl
Concen: 107.873 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

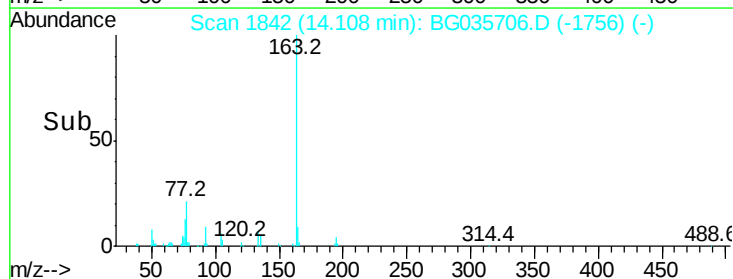
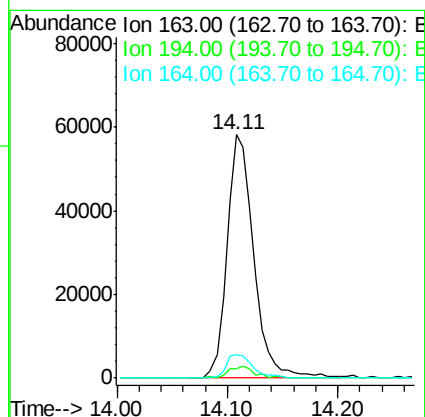
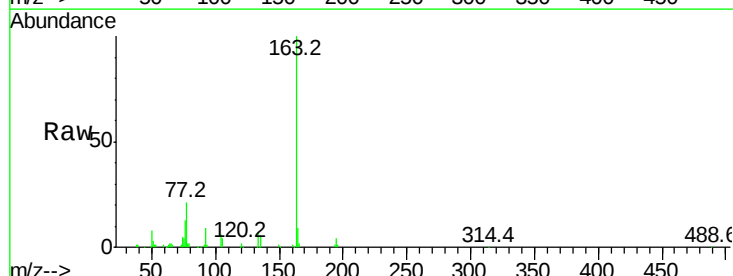
Instrument :
BNA_G
ClientSampleId :
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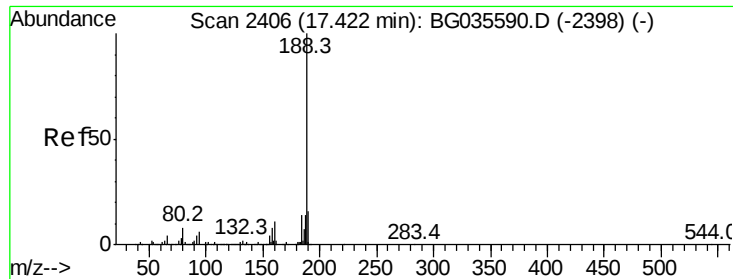
Tot Ion:172 Resp: 976476
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.0 19.5 29.3



#49
Dimethylphthalate
Concen: 9.276 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

Tgt Ion:163 Resp: 98562
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.5 8.2 12.4

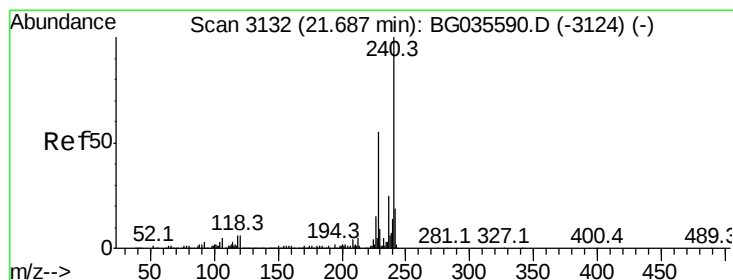
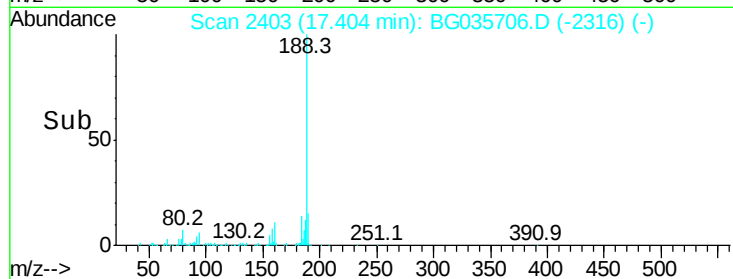
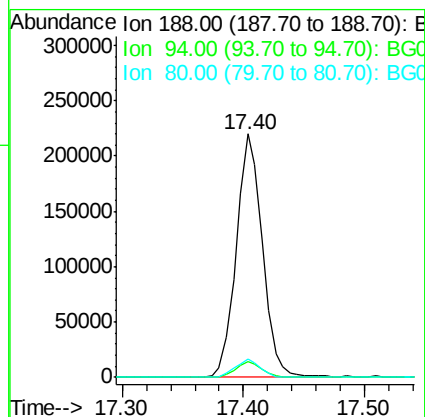
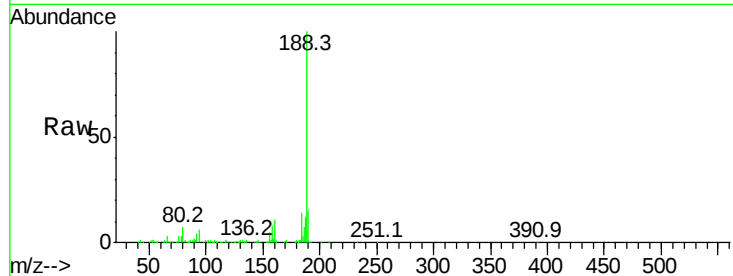




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

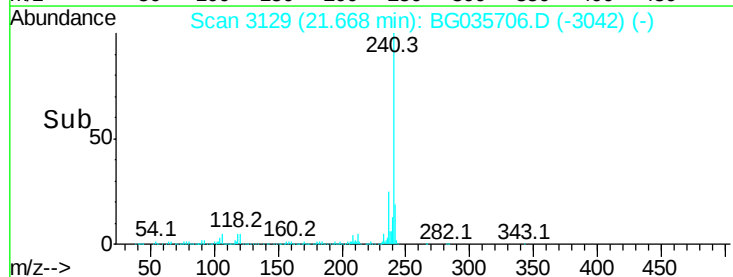
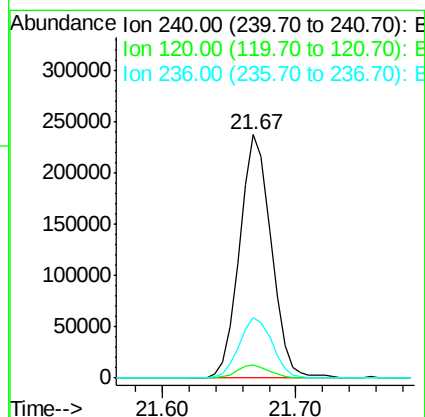
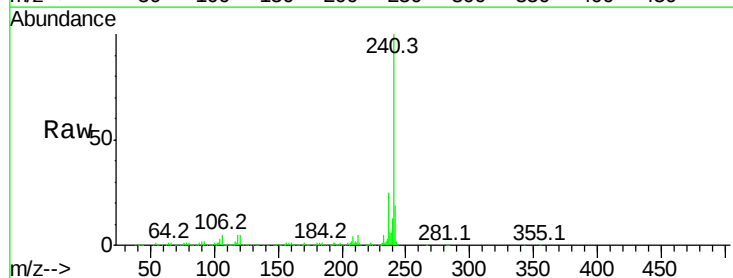
Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-S

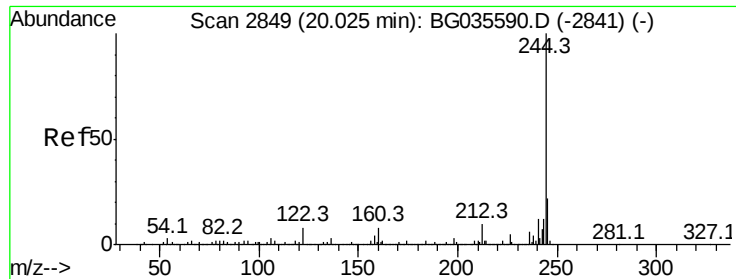
Tot Ion:188 Resp: 331441
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035706.D
Acq: 18 Jul 2018 7:04

Tgt Ion:240 Resp: 388474
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 95.260 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-S

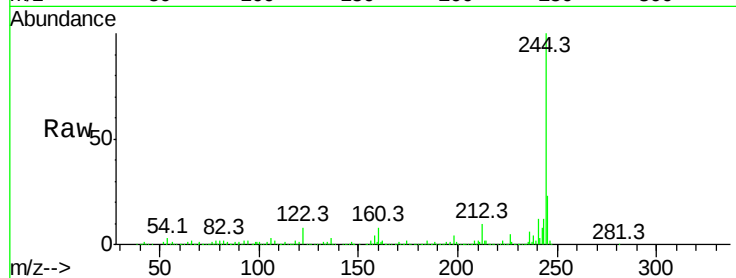
Tot Ion:244 Resp: 1678808

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

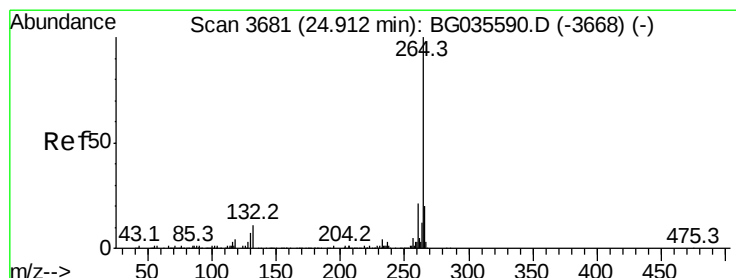
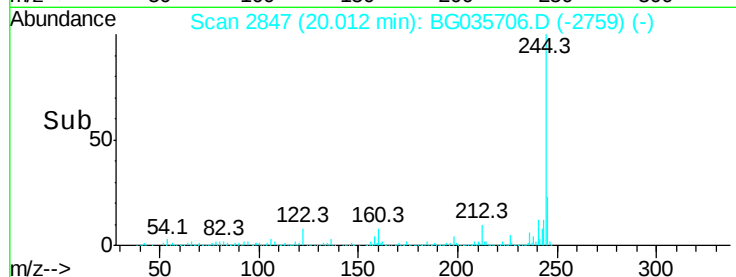
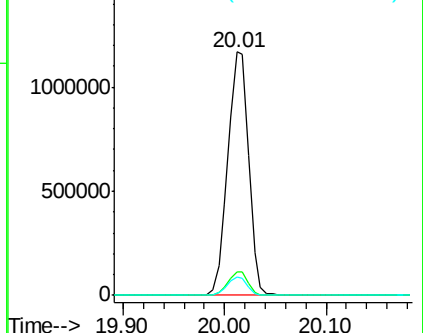
122 7.7 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG035706.D

Acq: 18 Jul 2018 7:04

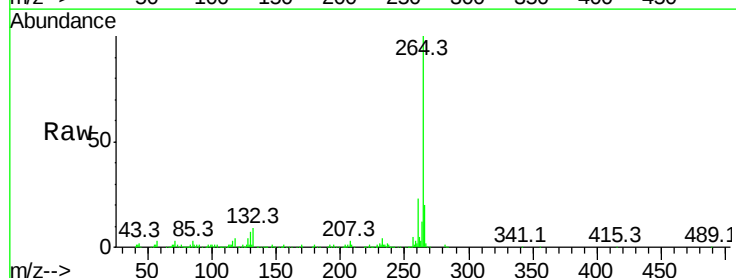
Tgt Ion:264 Resp: 384280

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.3 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

