

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035794.D
 Acq On : 20 Jul 2018 21:23
 Operator : JU/SJ
 Sample : J3357-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK_71718

Quant Time: Jul 21 01:07:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	52785	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	184361	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	129406	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	344395	20.00	ng	0.00
75) Chrysene-d12	21.65	240	374987	20.00	ng	0.00
86) Perylene-d12	24.86	264	355274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171203	53.85	ng	0.00
7) Phenol-d6	7.20	99	146086	30.80	ng	0.00
23) Nitrobenzene-d5	9.19	82	406204	92.04	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	257164	150.77	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	925858	95.85	ng	0.00
78) Terphenyl-d14	20.00	244	1607677	94.50	ng	0.00

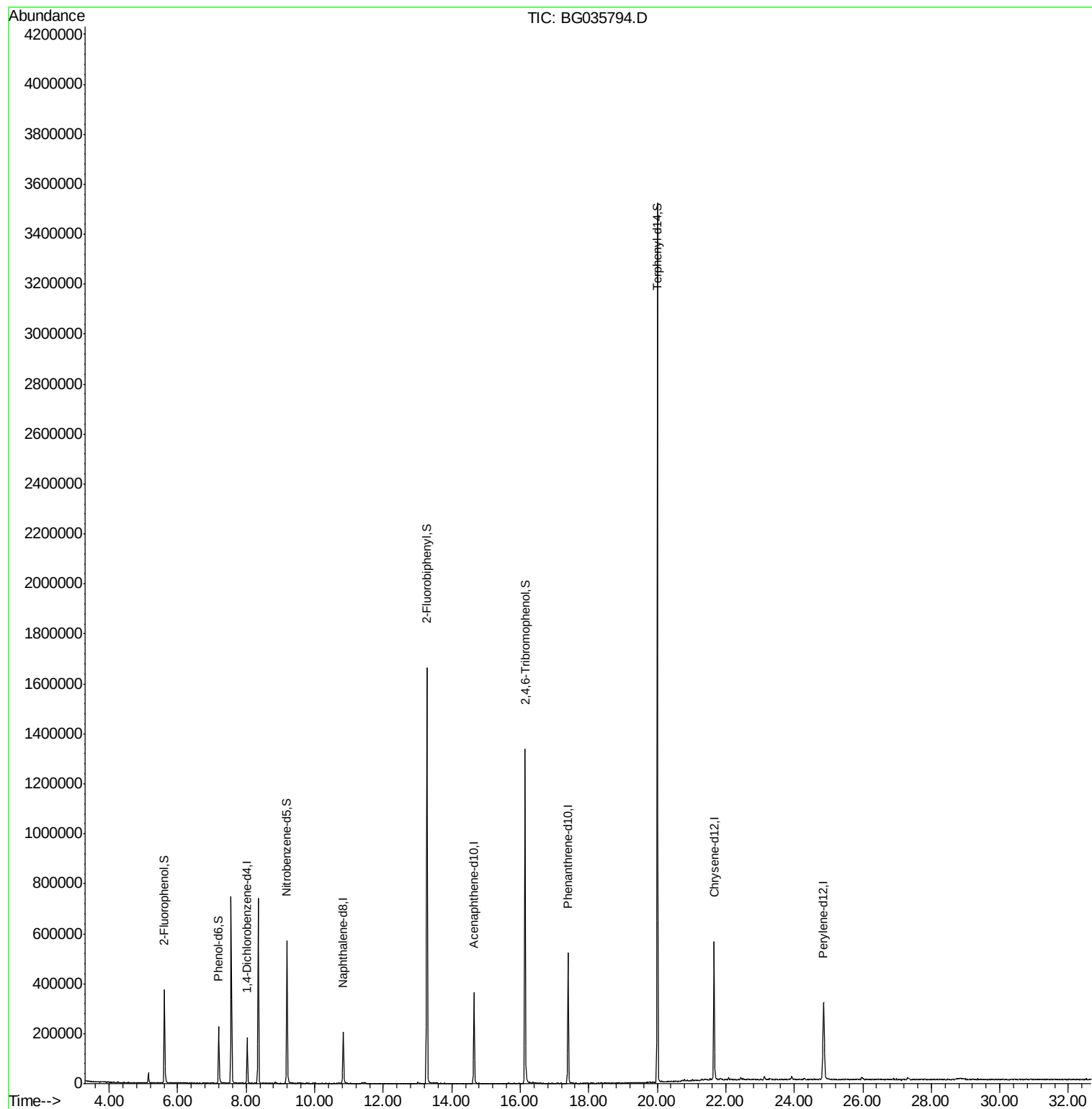
Target Compounds Qvalue

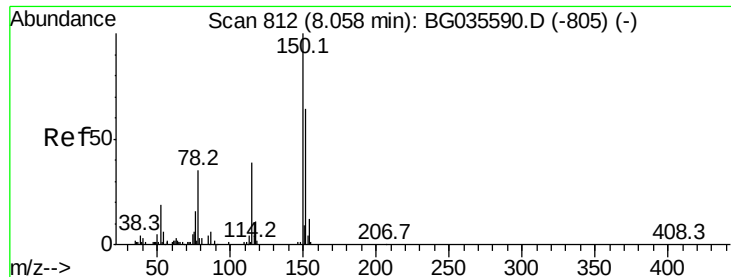
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK_71718

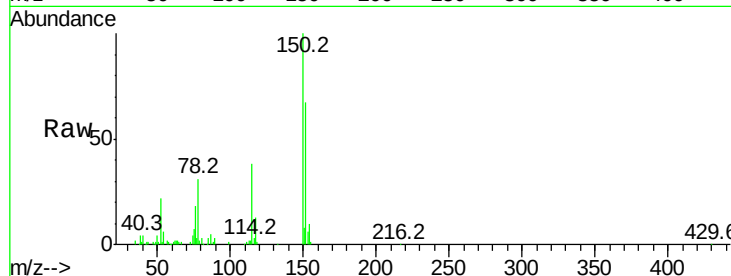
Tot Ion:152 Resp: 52785

Ion Ratio Lower Upper

152 100

150 149.8 126.6 189.8

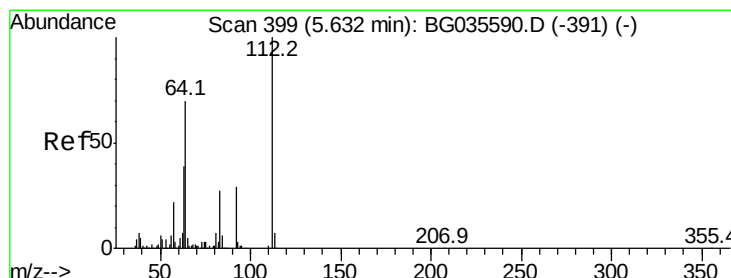
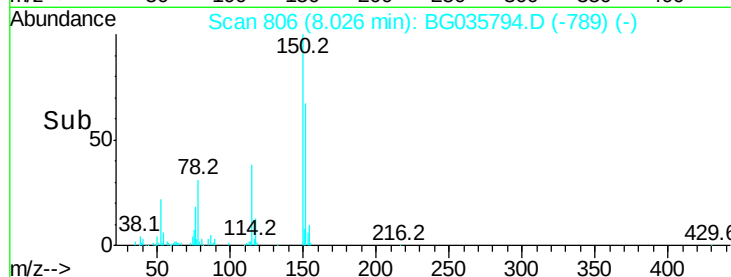
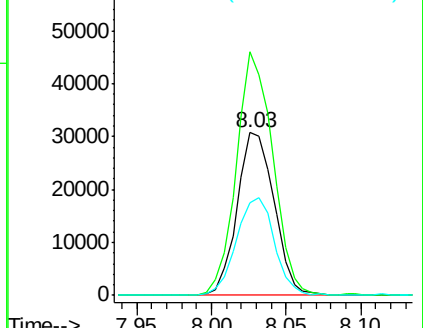
115 56.9 53.0 79.4



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: 53.848 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

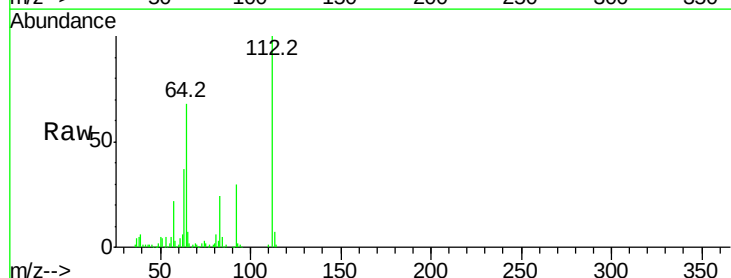
Tgt Ion:112 Resp: 171203

Ion Ratio Lower Upper

112 100

64 68.5 56.3 84.5

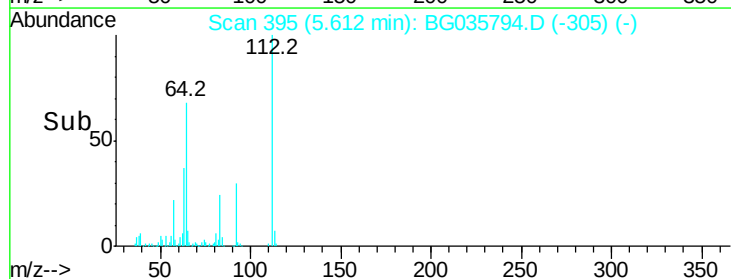
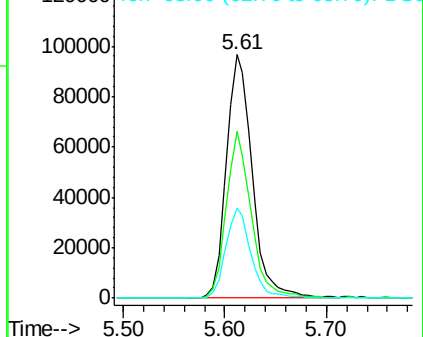
63 37.0 30.1 45.1

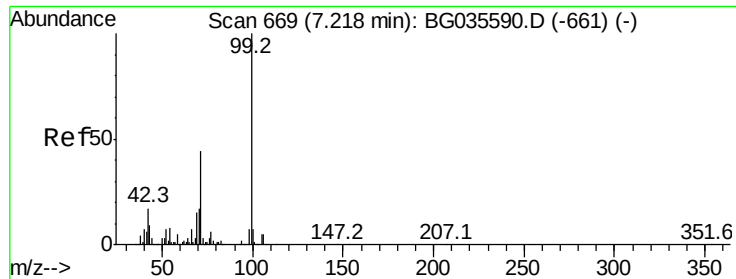


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.797 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK_71718

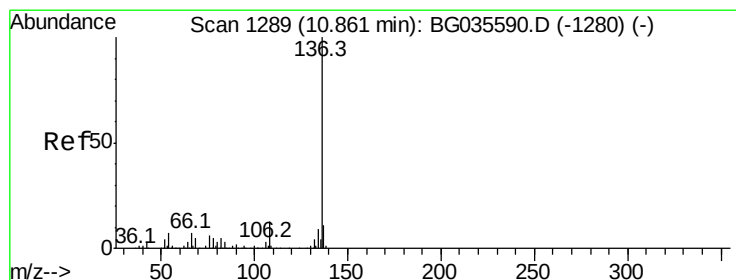
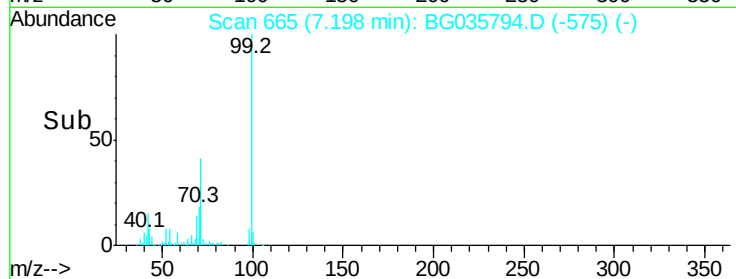
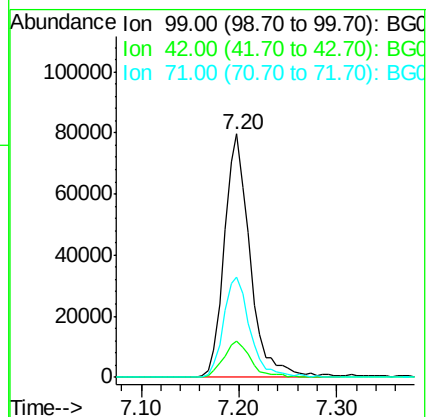
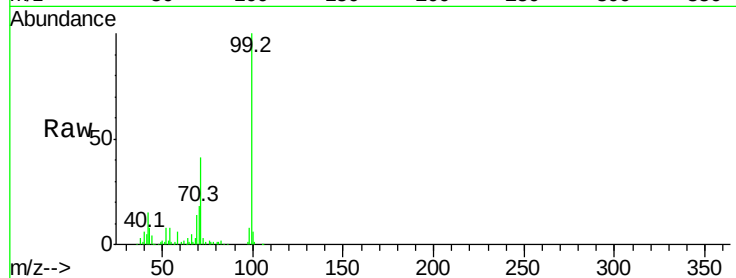
Tot Ion: 99 Resp: 146086

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 41.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

Tgt Ion: 136 Resp: 184361

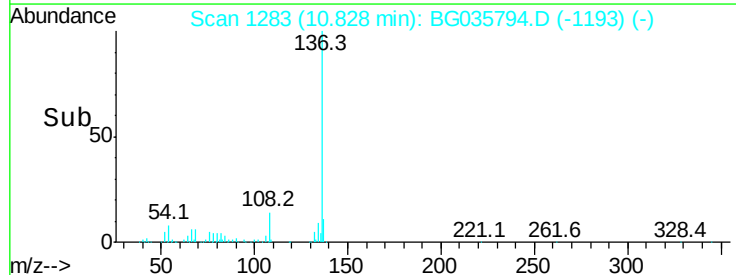
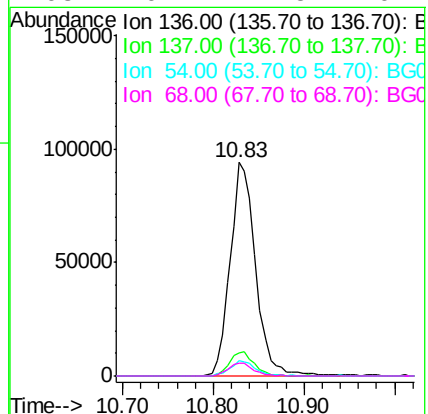
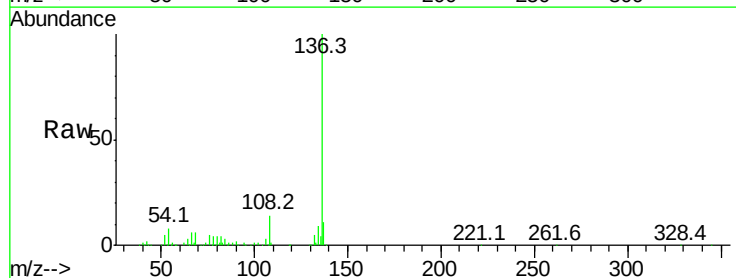
Ion Ratio Lower Upper

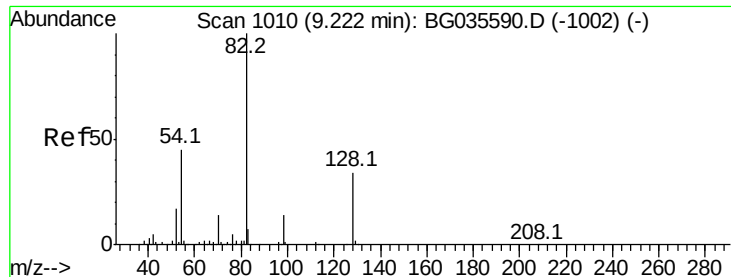
136 100

137 11.1 9.2 13.8

54 7.5 10.3 15.5#

68 6.1 4.5 6.7

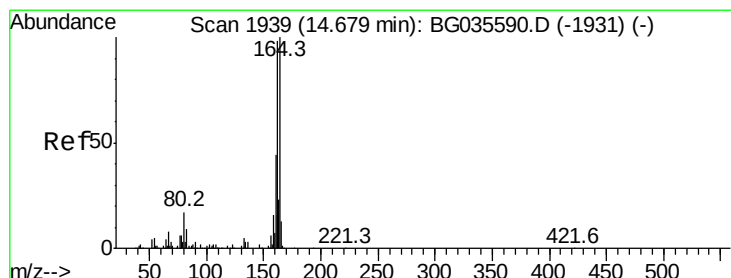
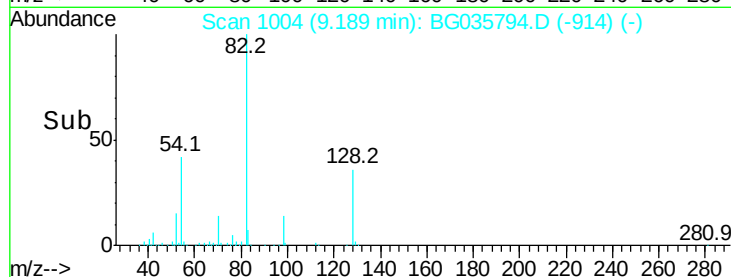
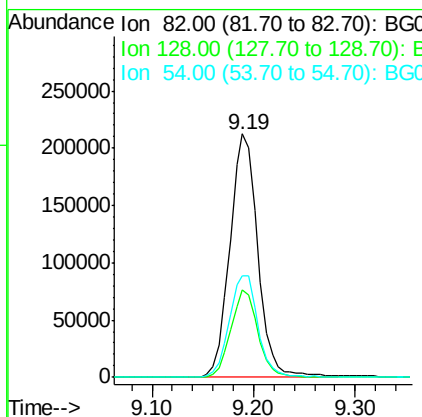
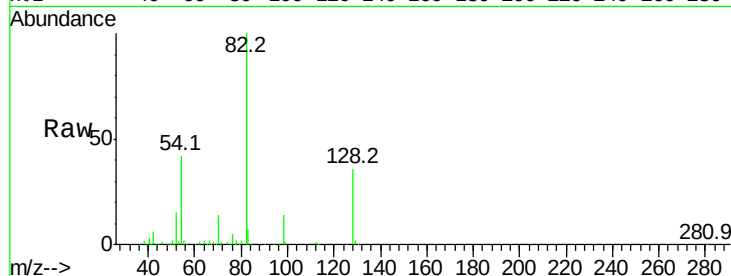




#23
 Nitrobenzene-d5
 Concen: 92.043 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035794.D
 Acq: 20 Jul 2018 21:23

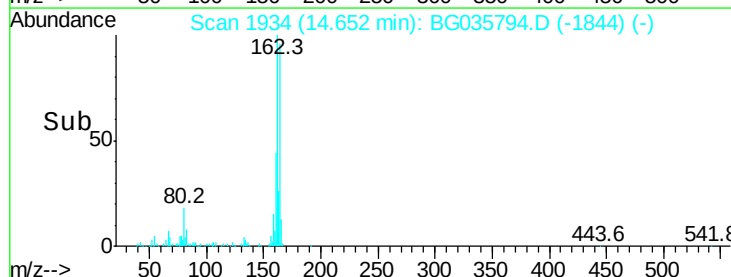
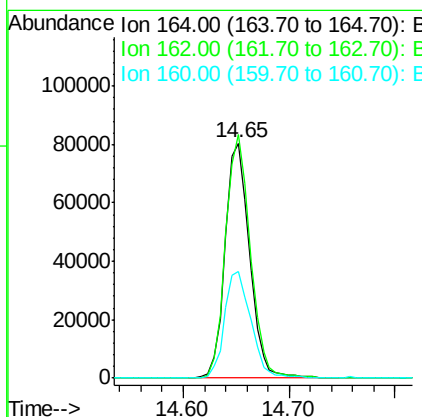
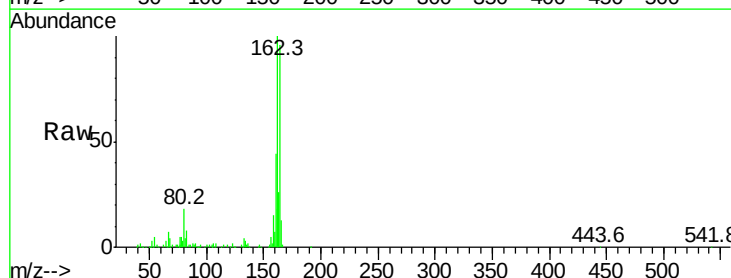
Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK_71718

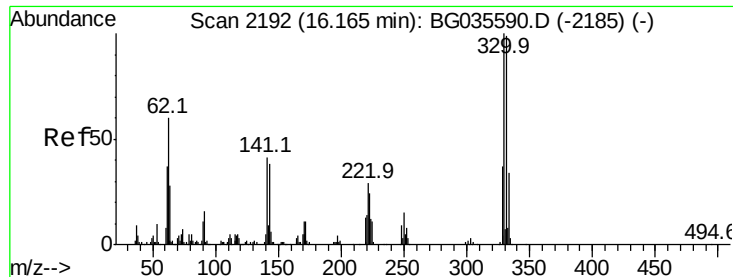
Tot Ion	82	Resp	406204
Ion Ratio	100	Lower	Upper
128	35.8	29.7	44.5
54	41.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035794.D
 Acq: 20 Jul 2018 21:23

Tgt Ion	164	Resp	129406
Ion Ratio	100	Lower	Upper
162	103.7	78.8	118.2
160	45.5	35.4	53.0

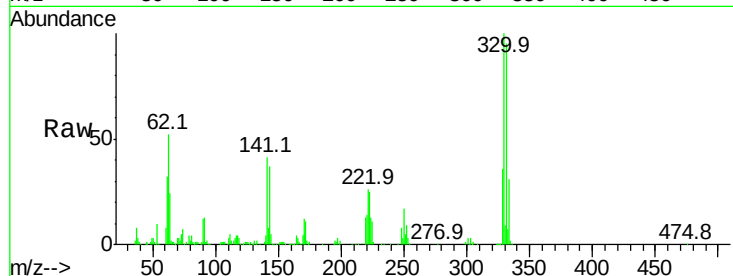




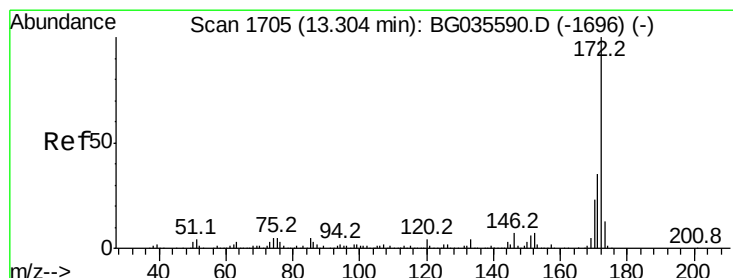
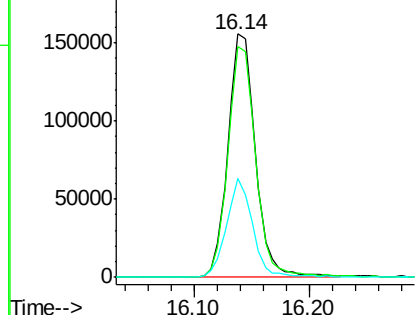
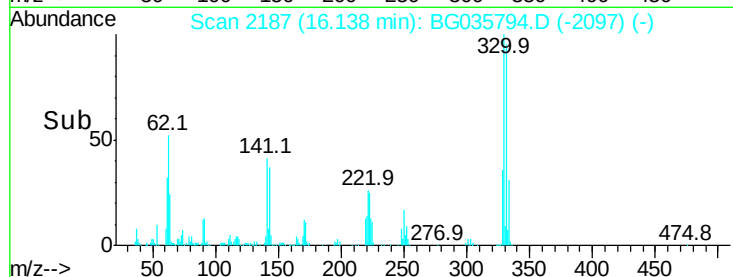
#41
2,4,6-Tribromophenol
Concen: 150.771 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035794.D
Acq: 20 Jul 2018 21:23

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK_71718

Tot Ion:330 Resp: 257164
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 38.1 25.2 37.8#

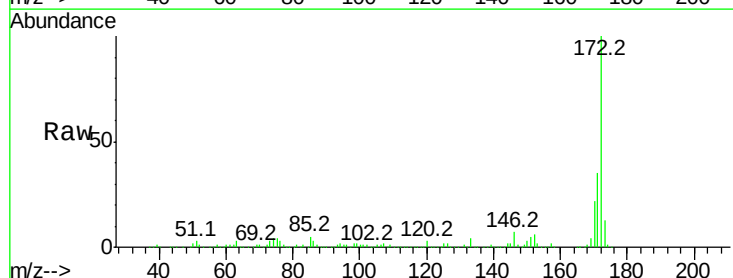


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

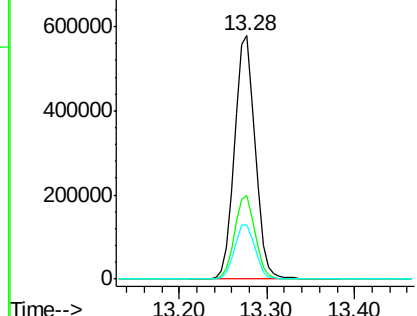
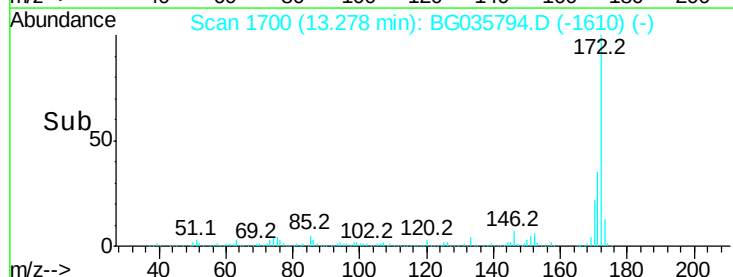


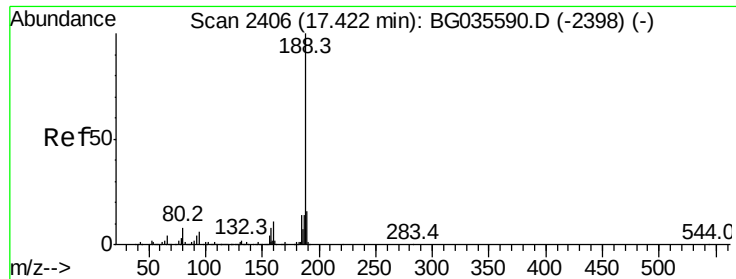
#44
2-Fluorobiphenyl
Concen: 95.854 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035794.D
Acq: 20 Jul 2018 21:23

Tgt Ion:172 Resp: 925858
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 22.3 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK_71718

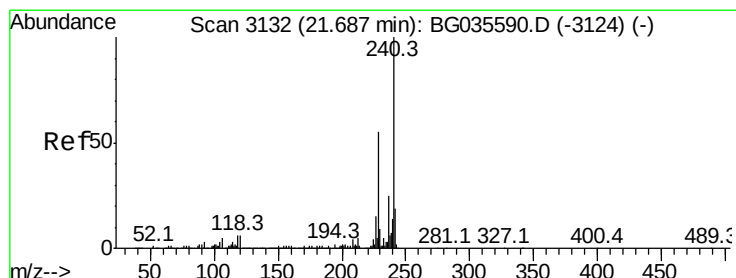
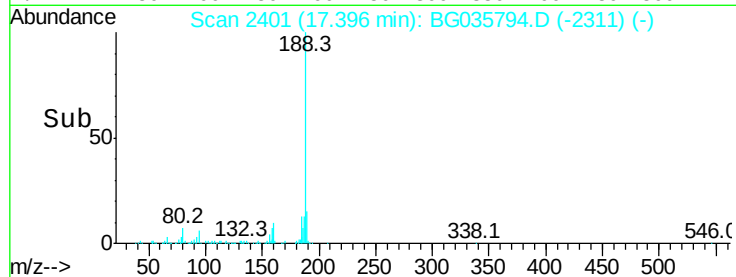
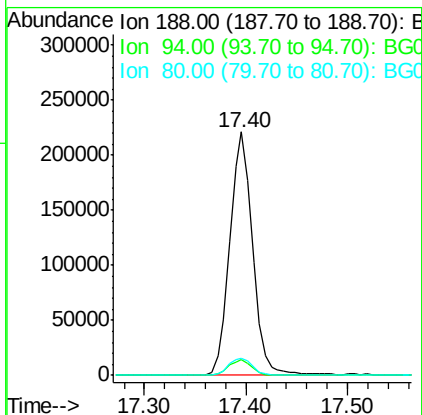
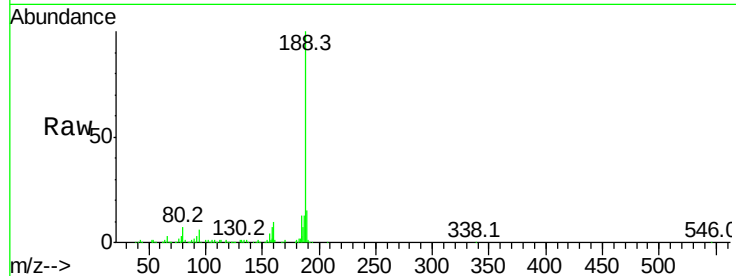
Tot Ion:188 Resp: 344395

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

80 7.1 7.7 11.5#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

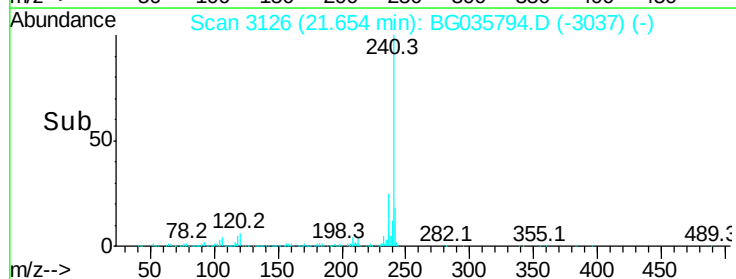
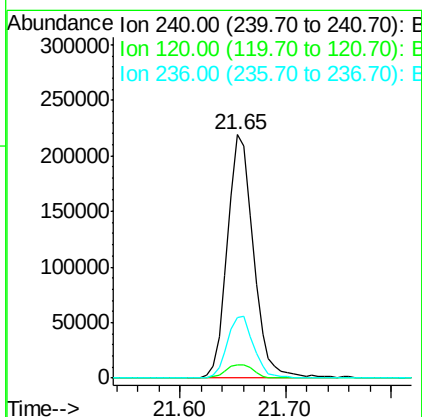
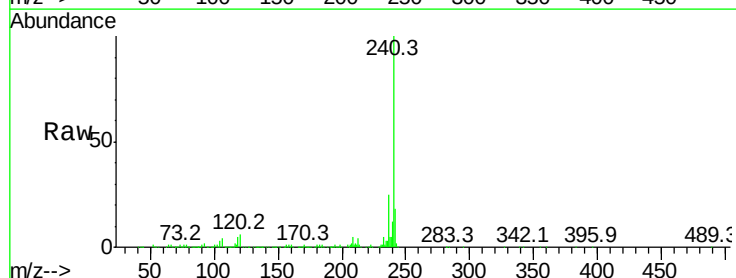
Tgt Ion:240 Resp: 374987

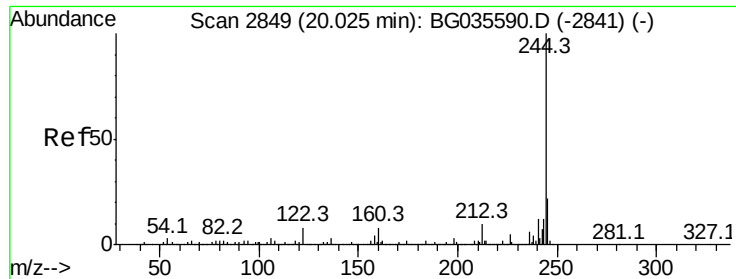
Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 94.505 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK_71718

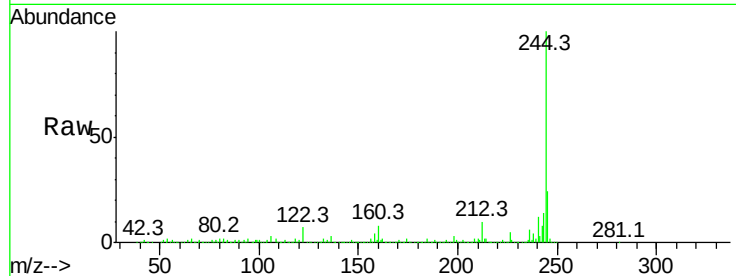
Tot Ion:244 Resp: 1607677

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

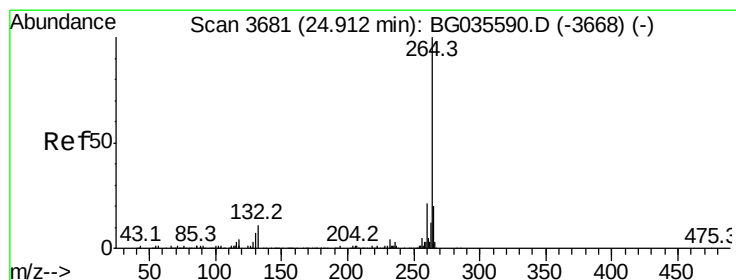
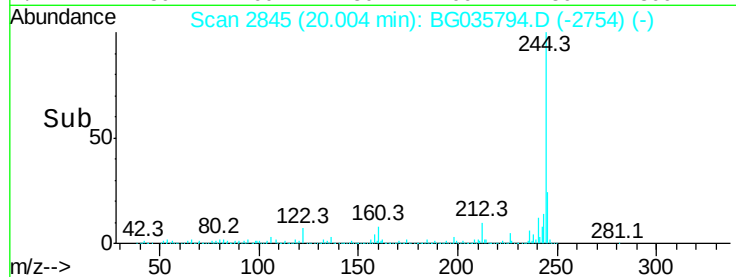
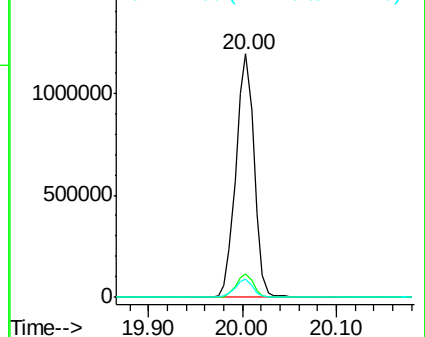
122 7.4 7.0 10.4



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: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035794.D

Acq: 20 Jul 2018 21:23

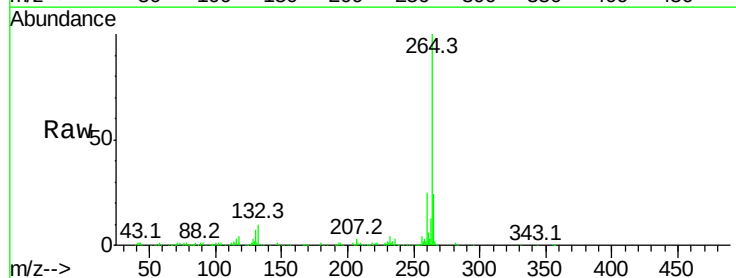
Tgt Ion:264 Resp: 355274

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 23.5 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

