

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035898.D
 Acq On : 26 Jul 2018 7:30
 Operator : JU/SJ
 Sample : J4107-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-B

Quant Time: Jul 26 08:09:18 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 25 11:04:14 2018
 Response via : Initial Calibration

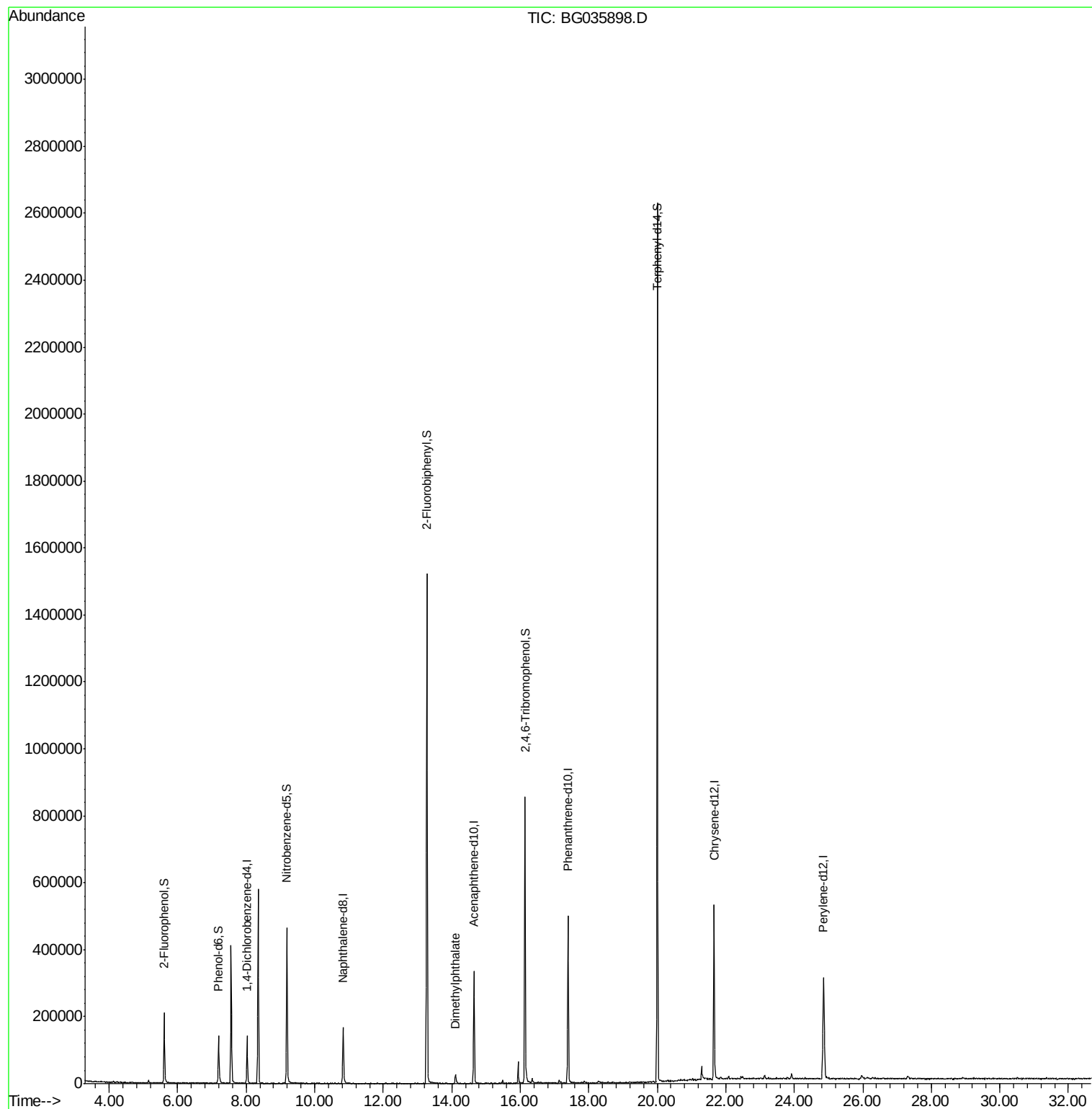
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38663	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153072	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	118580	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	340992	20.00	ng	0.00
75) Chrysene-d12	21.65	240	348727	20.00	ng	0.00
86) Perylene-d12	24.86	264	331215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	97569	41.90	ng	0.00
7) Phenol-d6	7.19	99	98394	28.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	329006	89.79	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	163661	104.71	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	848451	95.86	ng	0.00
78) Terphenyl-d14	20.00	244	1284227	81.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	26607	2.561	ng	Qvalue # 97

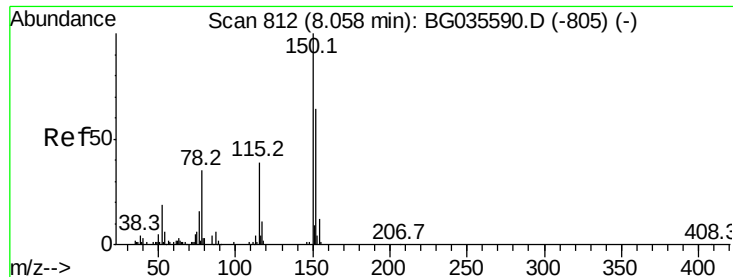
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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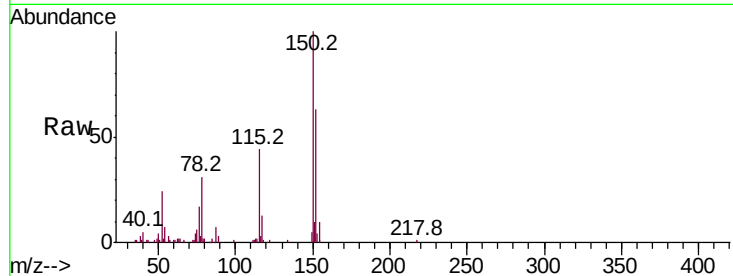


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035898.D
Acq: 26 Jul 2018 7:30

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.6	189.8
115	70.3	53.0	79.4

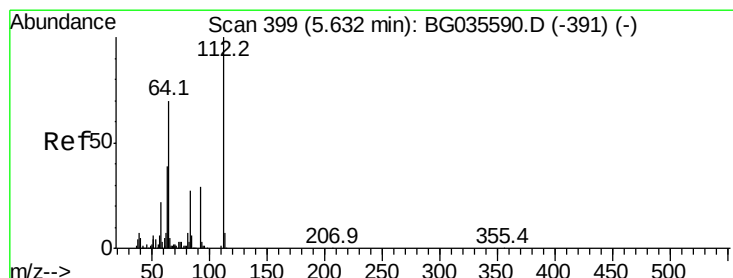
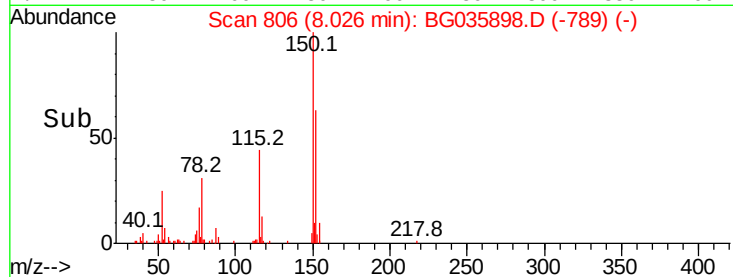
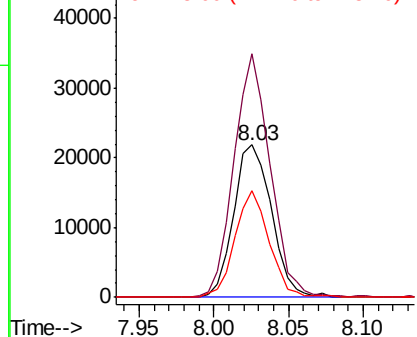


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

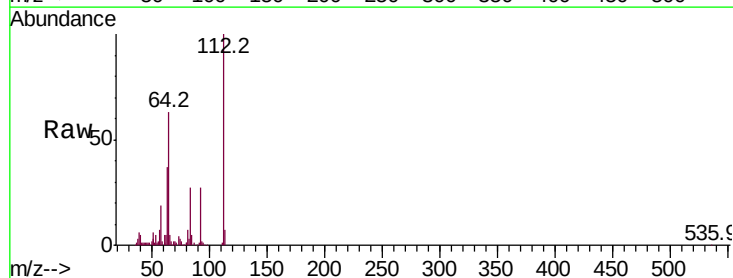
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.897 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035898.D
Acq: 26 Jul 2018 7:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	37.5	30.1	45.1

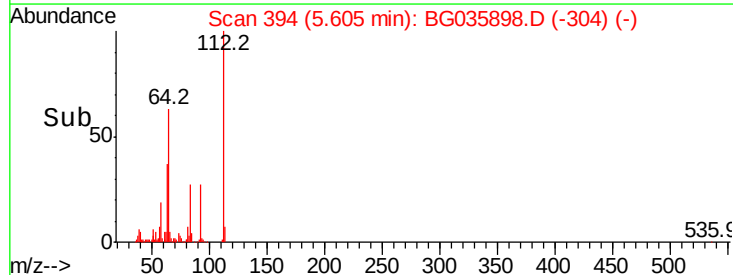
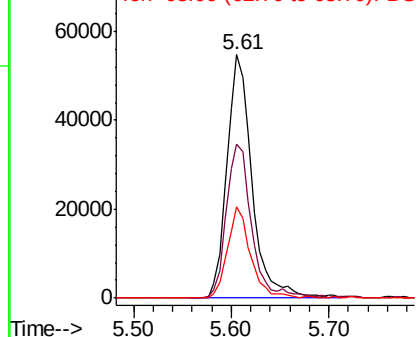


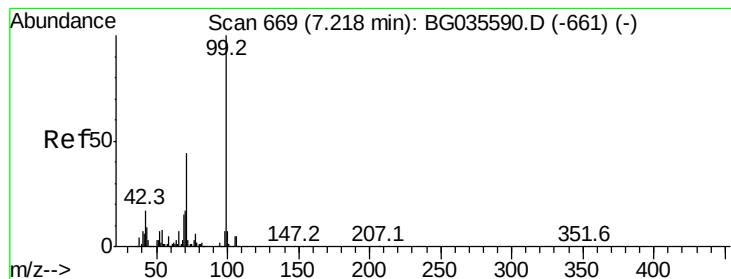
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.319 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-B

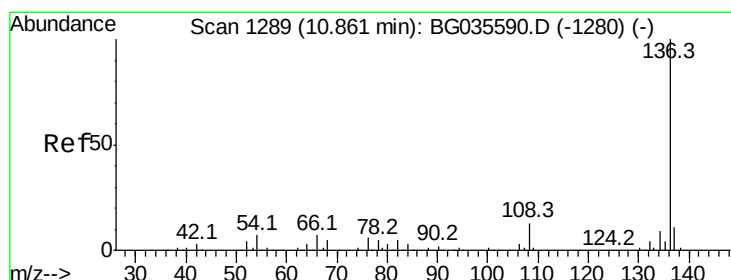
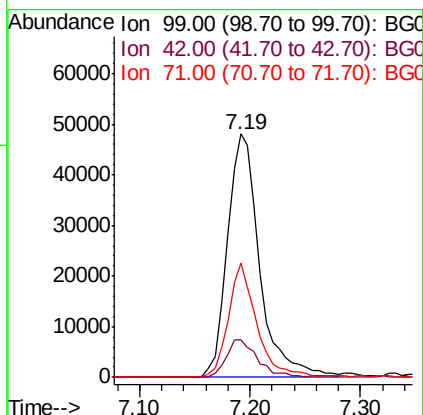
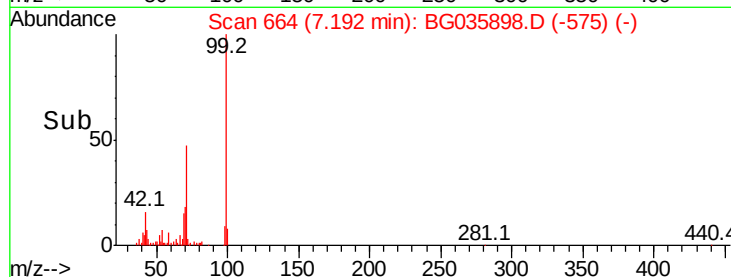
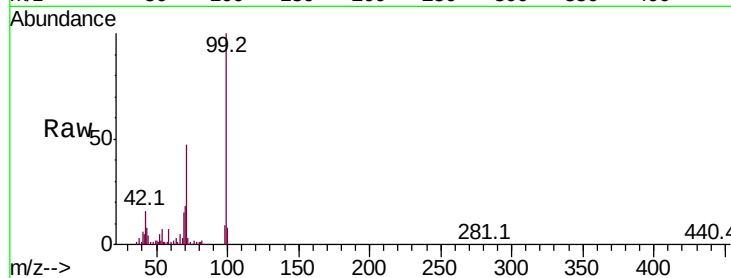
Tot Ion: 99 Resp: 98394

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 46.7 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: BG035898.D

Acq: 26 Jul 2018 7:30

Tgt Ion: 136 Resp: 153072

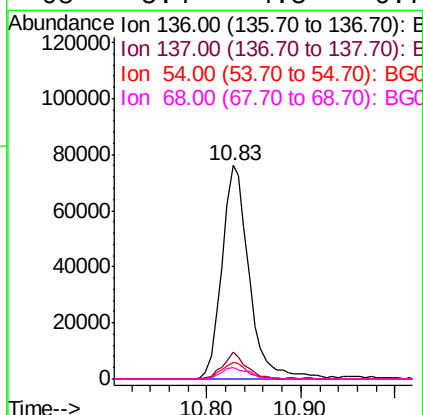
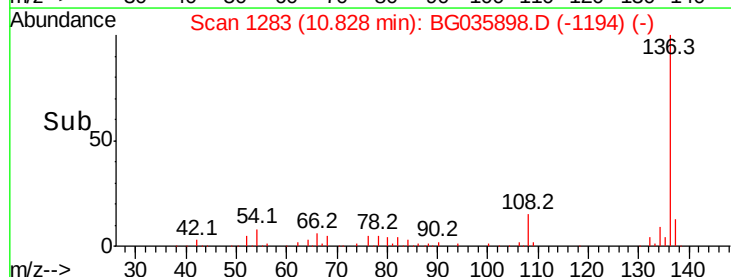
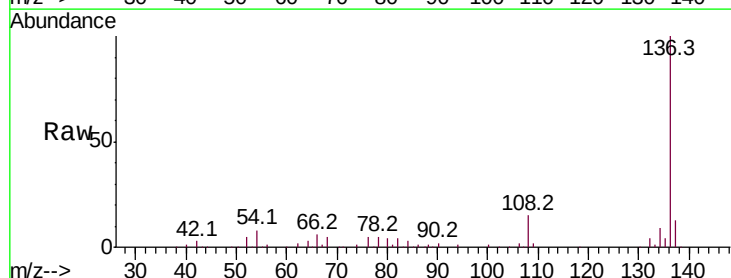
Ion Ratio Lower Upper

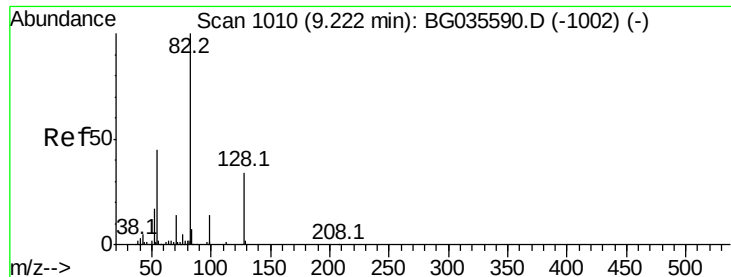
136 100

137 12.7 9.2 13.8

54 7.8 10.3 15.5#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.789 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-B

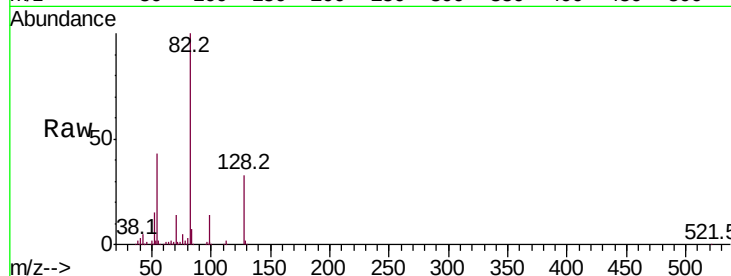
Tot Ion: 82 Resp: 329006

Ion Ratio Lower Upper

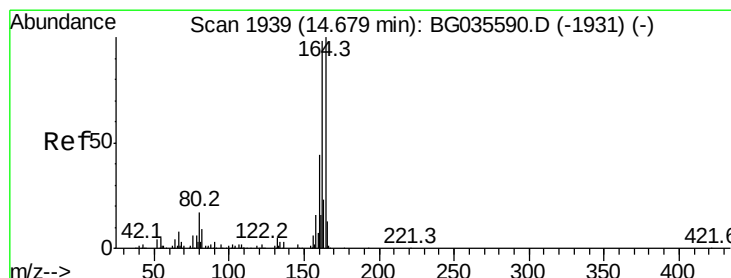
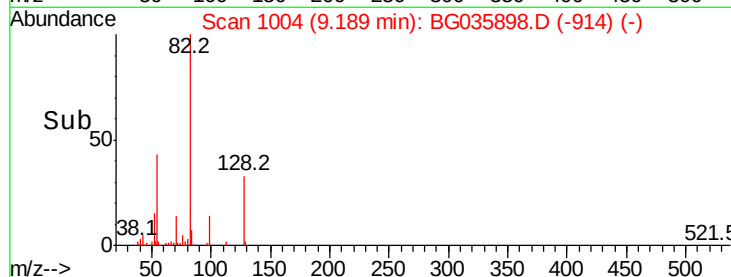
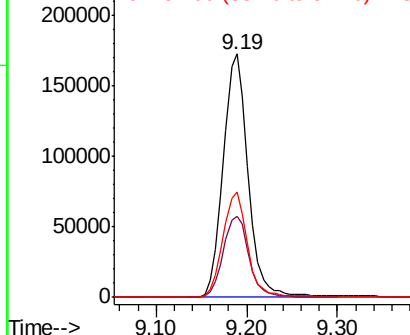
82 100

128 33.5 29.7 44.5

54 43.5 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: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

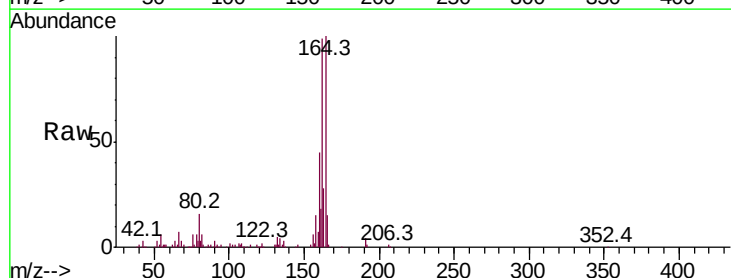
Tgt Ion: 164 Resp: 118580

Ion Ratio Lower Upper

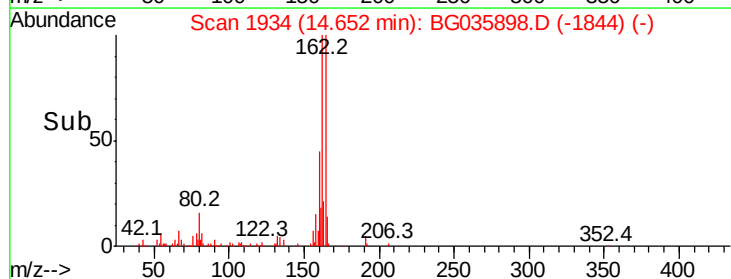
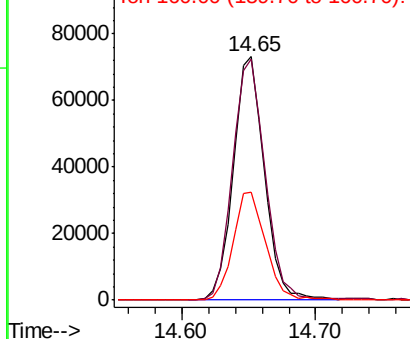
164 100

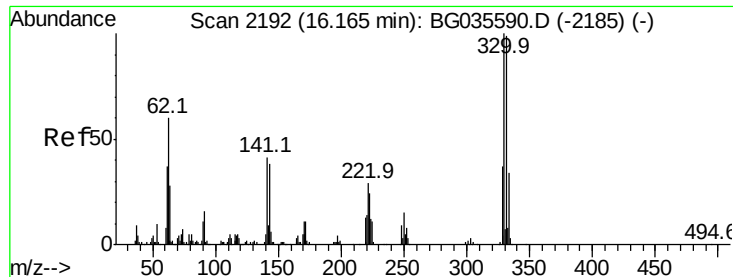
162 99.0 78.8 118.2

160 44.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

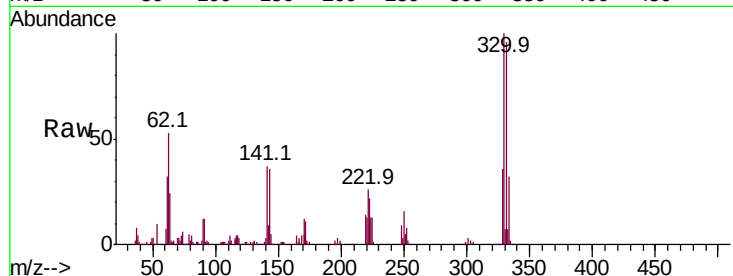




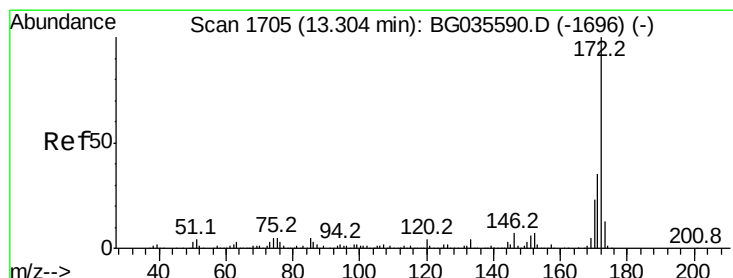
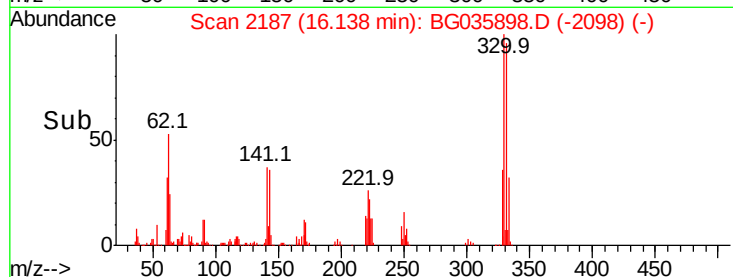
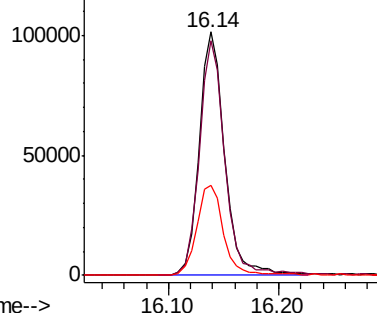
#41
2,4,6-Tribromophenol
Concen: 104.712 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035898.D
Acq: 26 Jul 2018 7:30

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	39.0	25.2	37.8#

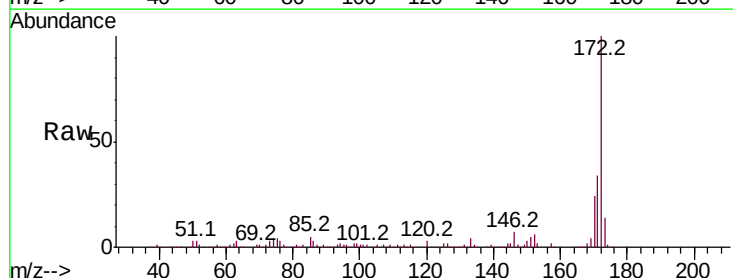


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

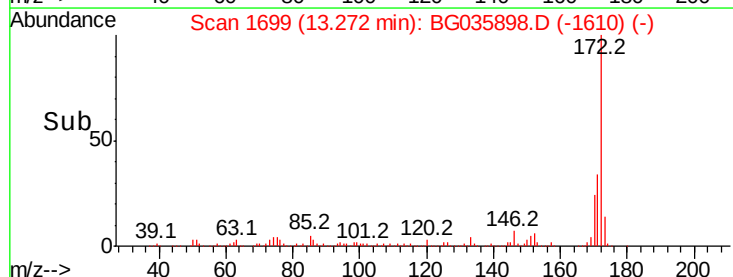
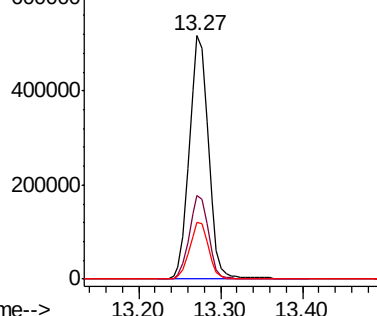


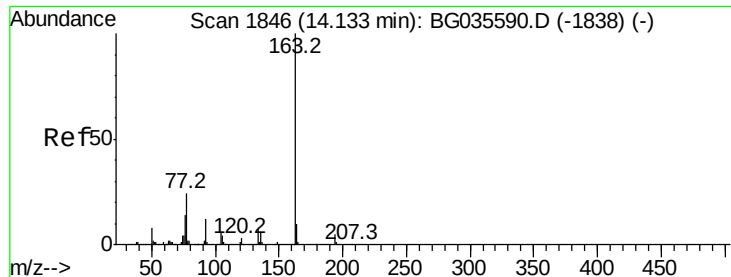
#44
2-Fluorobiphenyl
Concen: 95.860 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035898.D
Acq: 26 Jul 2018 7:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.5	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: 2.561 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-B

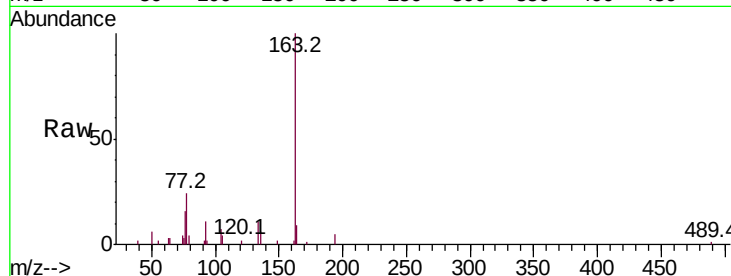
Tot Ion:163 Resp: 26607

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

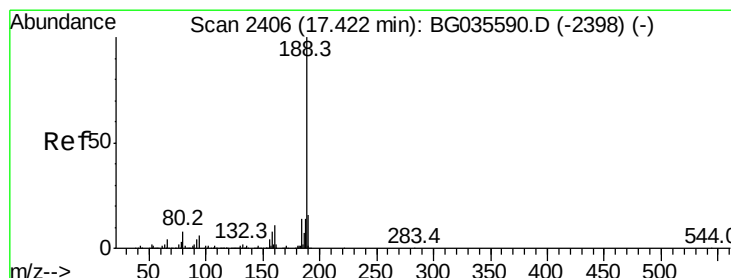
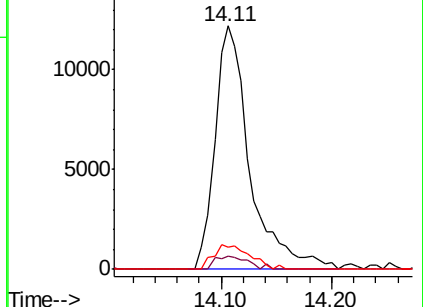
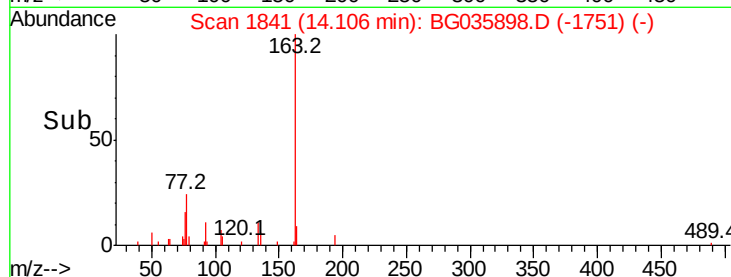
164 9.3 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

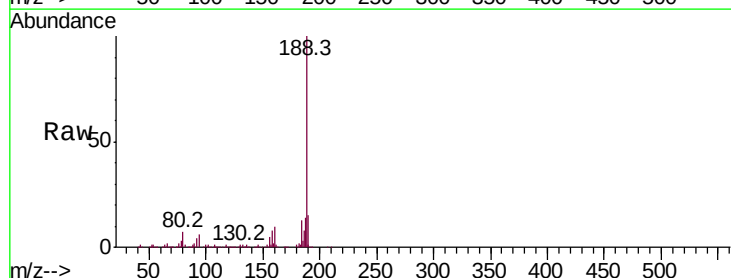
Tgt Ion:188 Resp: 340992

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

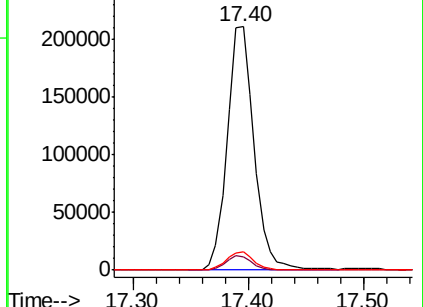
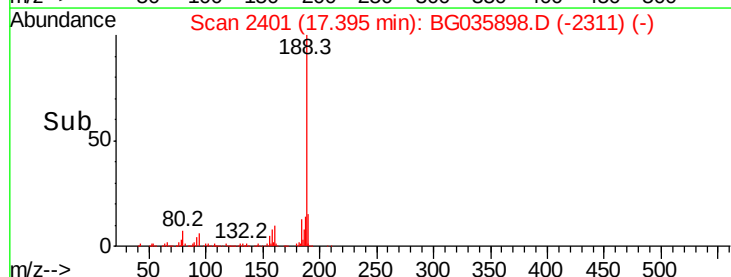
80 7.3 7.7 11.5#

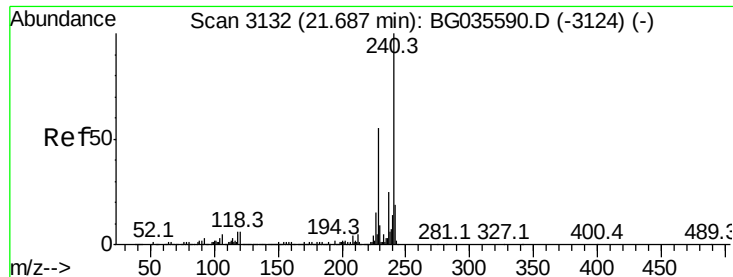


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-B

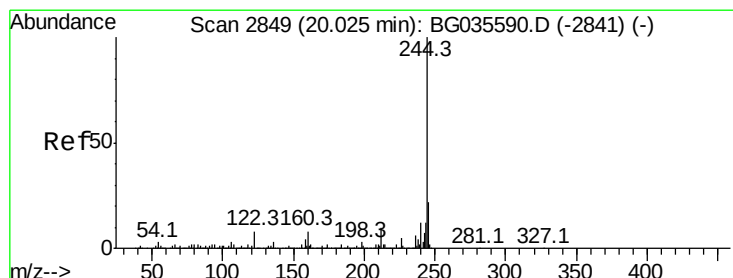
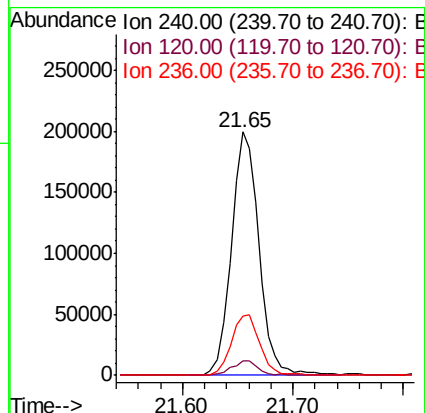
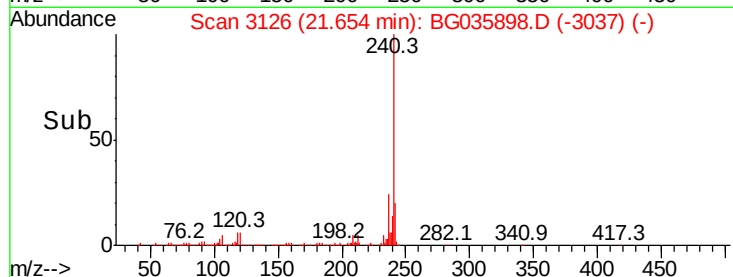
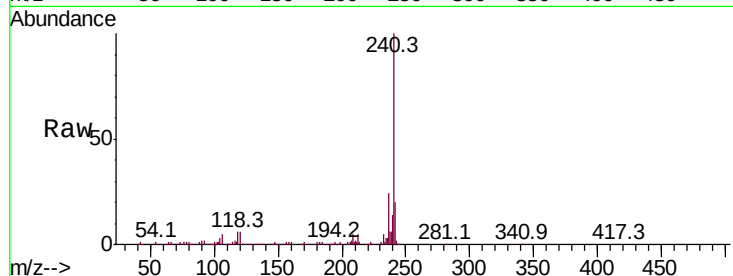
Tot Ion:240 Resp: 348727

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

236 24.3 20.9 31.3



#78

Terphenyl-d14

Concen: 81.176 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035898.D

Acq: 26 Jul 2018 7:30

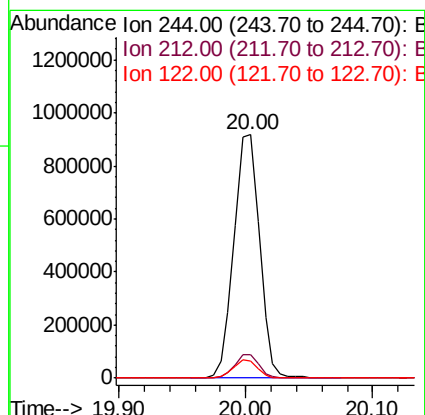
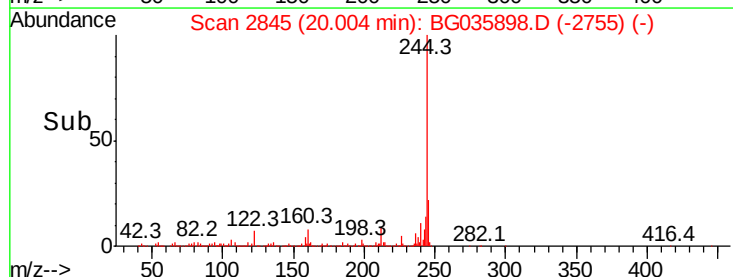
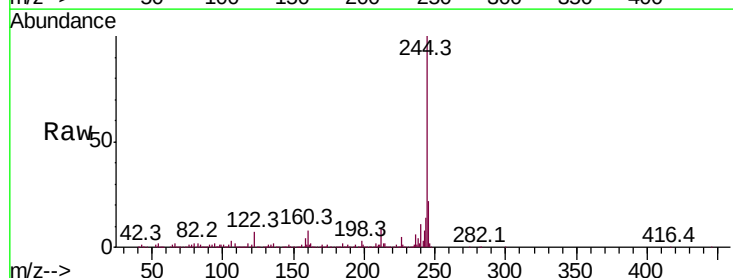
Tgt Ion:244 Resp: 1284227

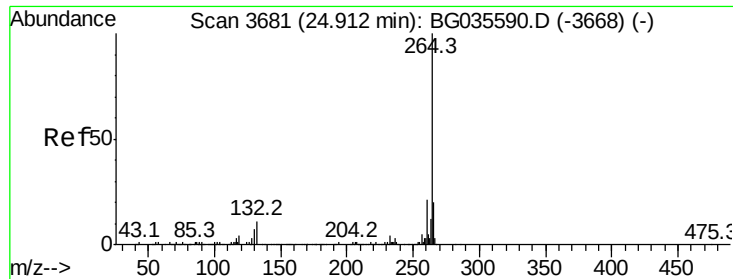
Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

122 6.8 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BG035898.D
 Acq: 26 Jul 2018 7:30

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.3	17.7	26.5

