

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035900.D
 Acq On : 26 Jul 2018 8:48
 Operator : JU/SJ
 Sample : J4107-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 26 12:03:12 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

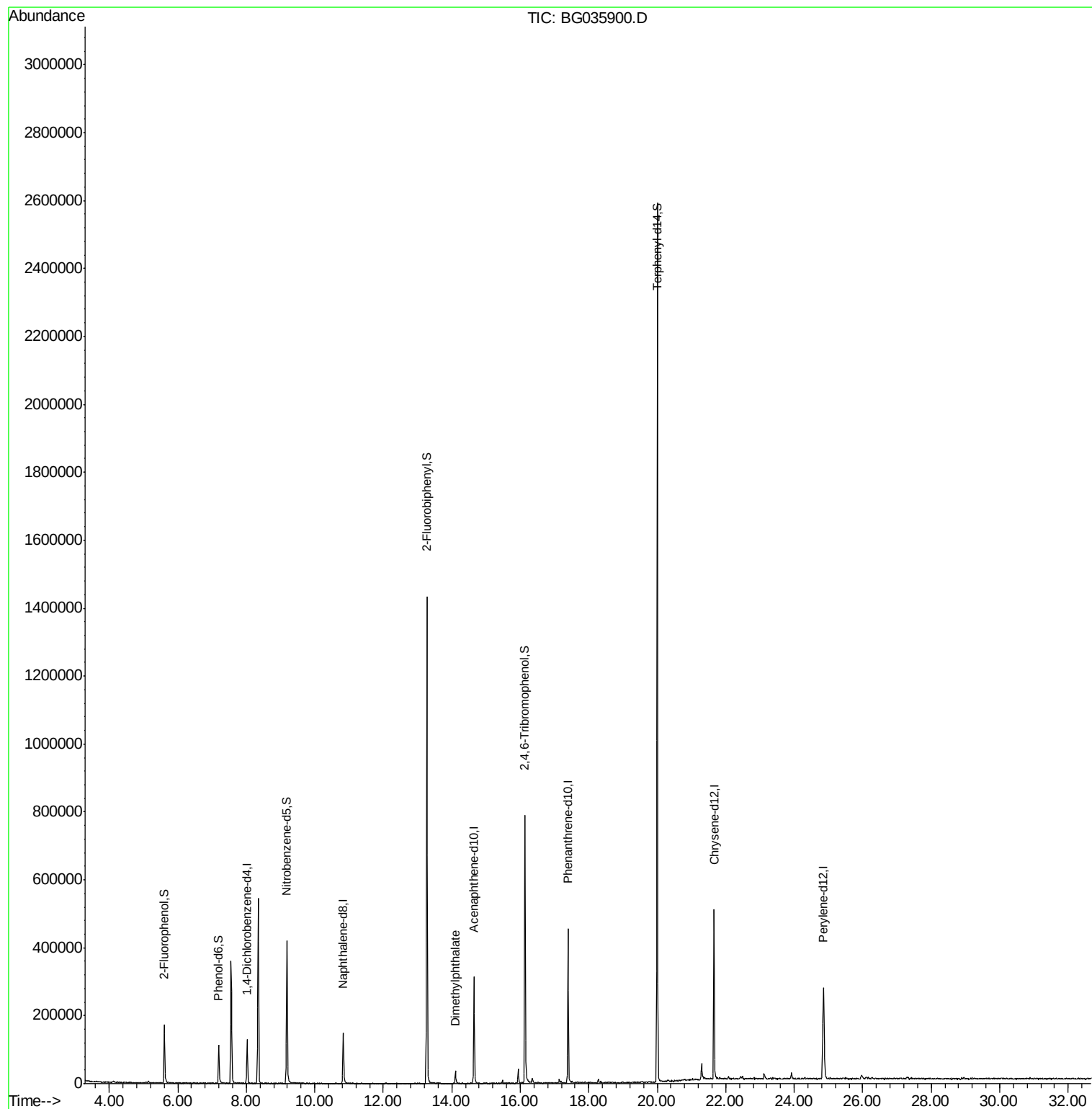
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35395	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135652	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110768	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	303569	20.00	ng	0.00
75) Chrysene-d12	21.66	240	321921	20.00	ng	0.00
86) Perylene-d12	24.85	264	307610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	84755	39.76	ng	0.00
7) Phenol-d6	7.19	99	80264	25.23	ng	0.00
23) Nitrobenzene-d5	9.19	82	304445	93.76	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	157130	107.62	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	799414	96.69	ng	0.00
78) Terphenyl-d14	20.00	244	1222017	83.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	33208	3.422	ng	Qvalue # 94

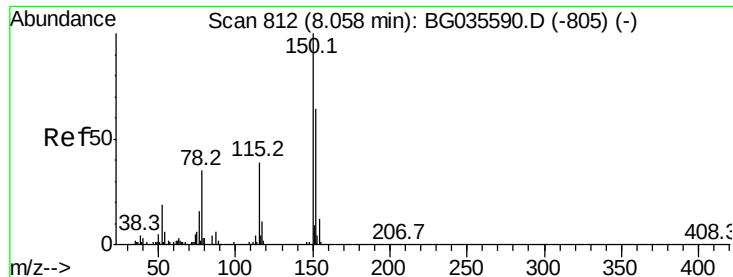
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-S

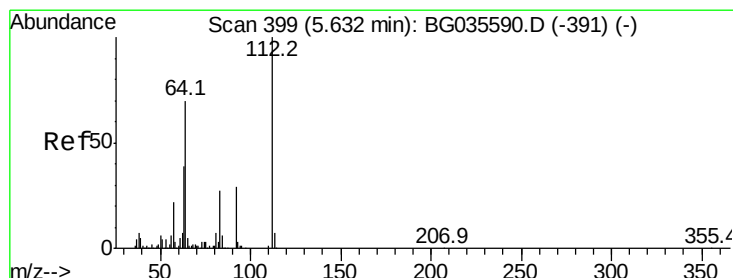
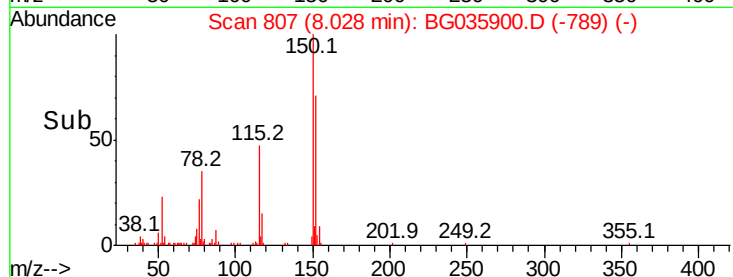
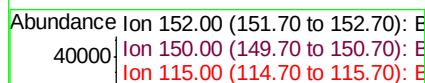
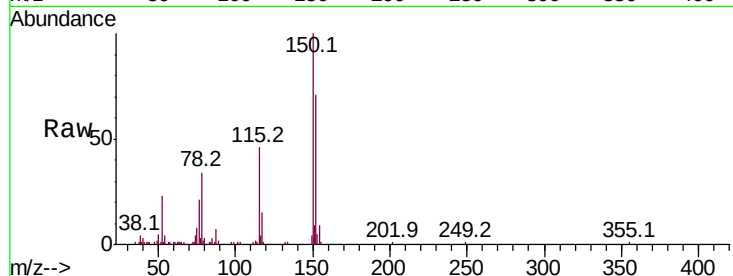
Tot Ion:152 Resp: 35395

Ion Ratio Lower Upper

152 100

150 141.6 126.6 189.8

115 65.8 53.0 79.4



#5

2-Fluorophenol

Concen: 39.755 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

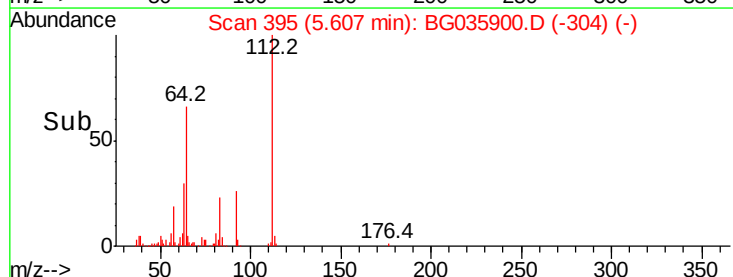
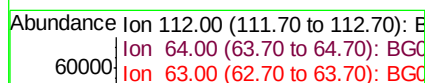
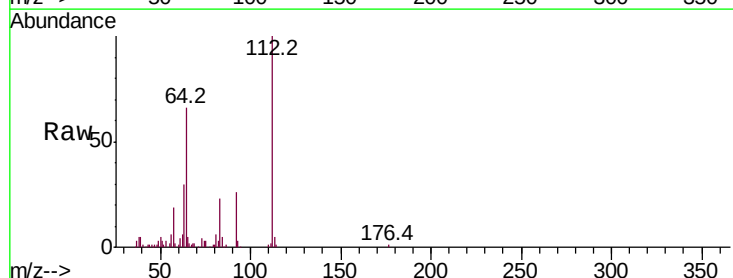
Tgt Ion:112 Resp: 84755

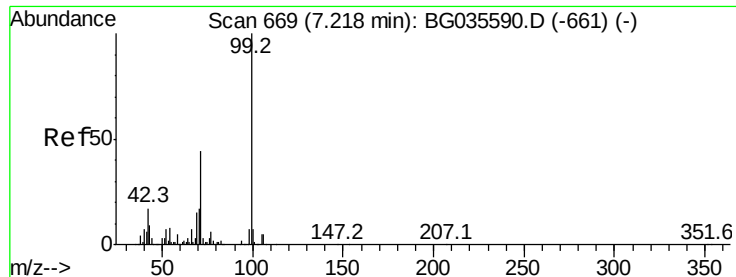
Ion Ratio Lower Upper

112 100

64 66.3 56.3 84.5

63 30.3 30.1 45.1





#7

Phenol-d6

Concen: 25.234 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-S

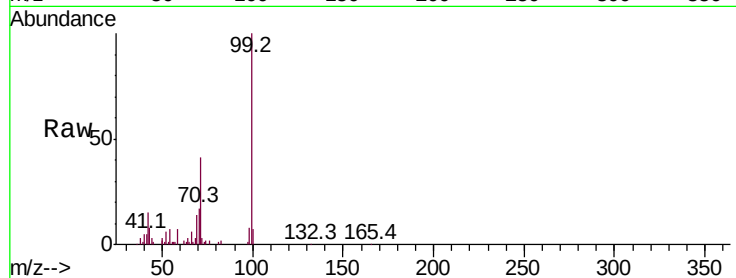
Tot Ion: 99 Resp: 80264

Ion Ratio Lower Upper

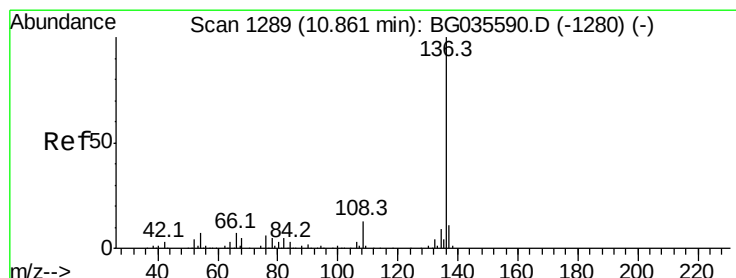
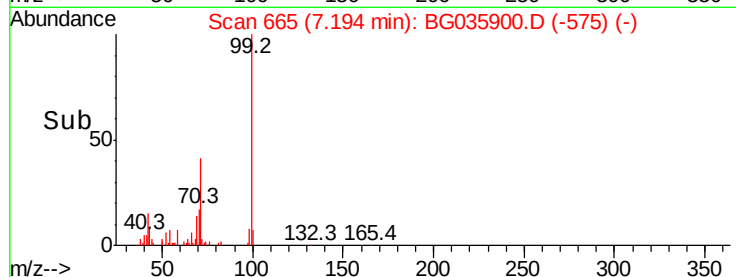
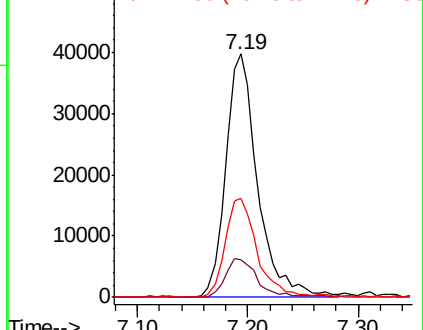
99 100

42 15.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

Tgt Ion: 136 Resp: 135652

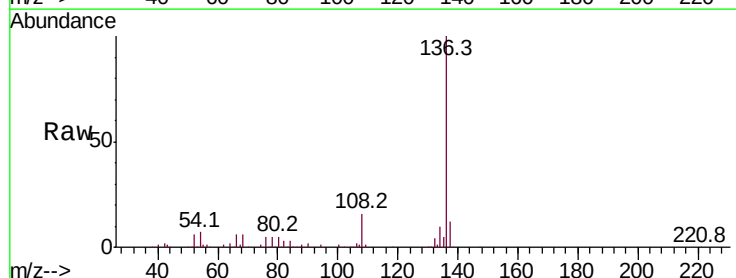
Ion Ratio Lower Upper

136 100

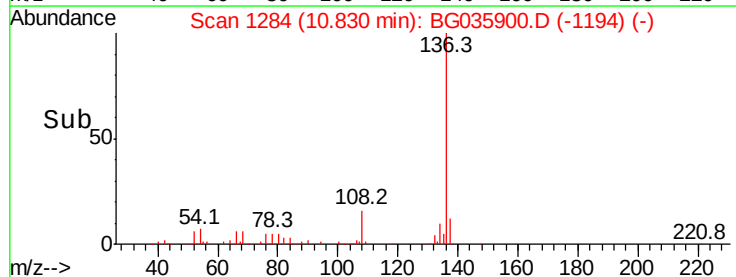
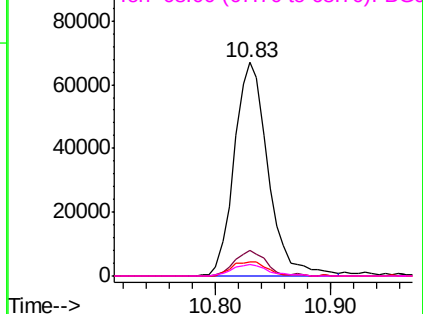
137 12.2 9.2 13.8

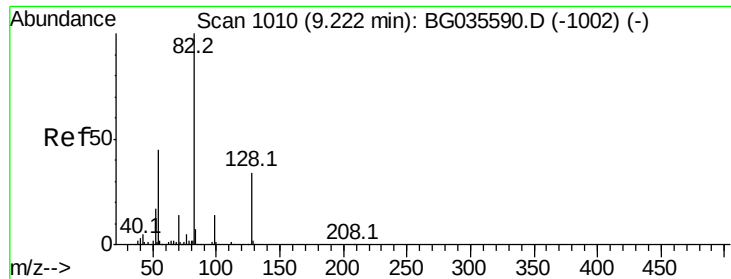
54 6.6 10.3 15.5#

68 5.7 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

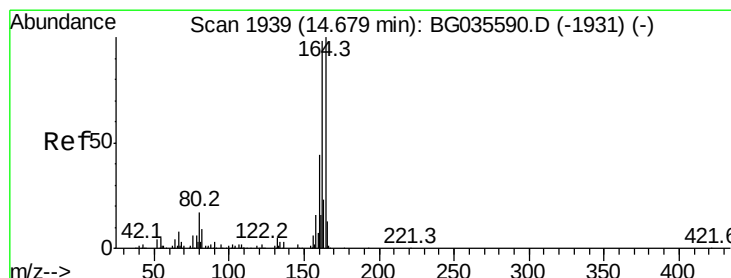
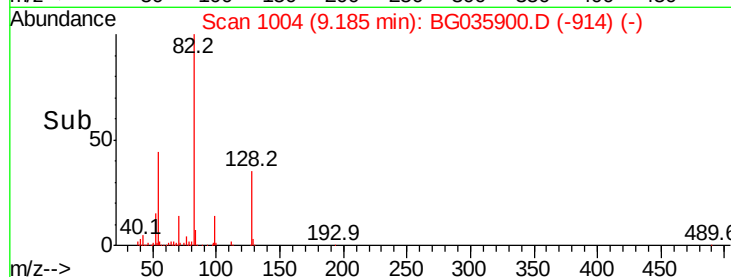
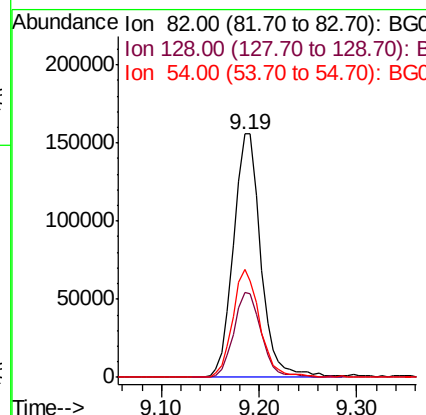
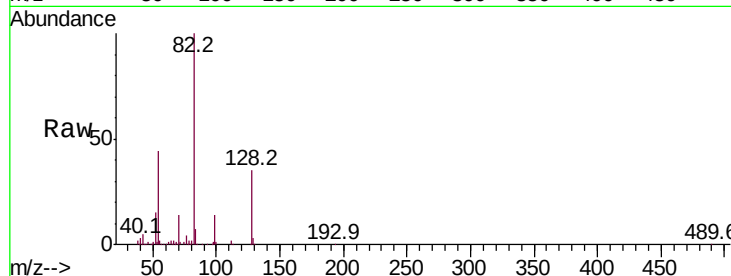




#23
 Nitrobenzene-d5
 Concen: 93.755 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035900.D
 Acq: 26 Jul 2018 8:48

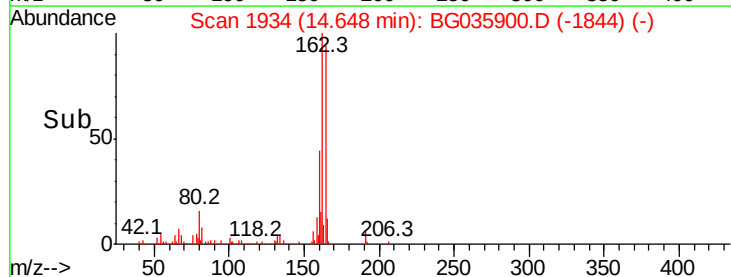
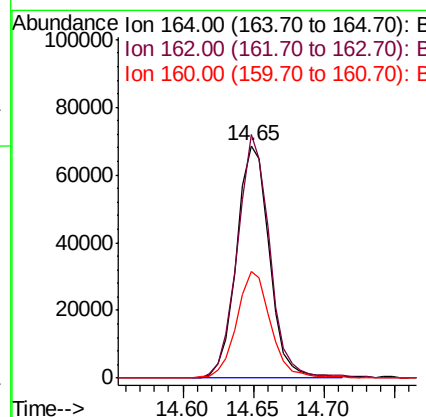
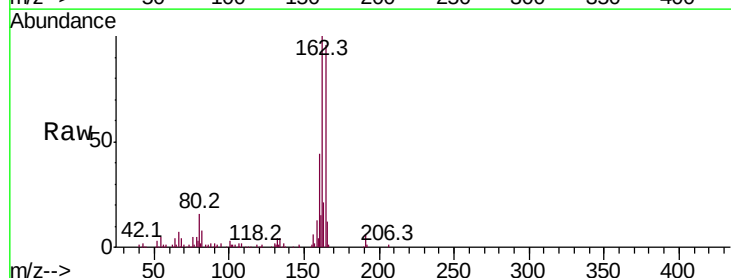
Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-S

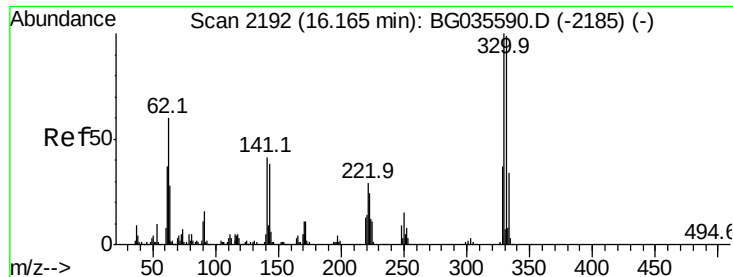
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	44.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035900.D
 Acq: 26 Jul 2018 8:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.1	35.4	53.0

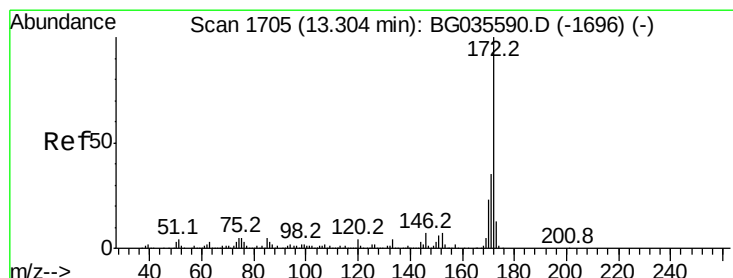
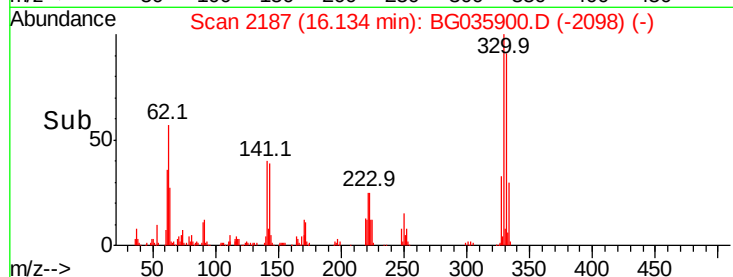
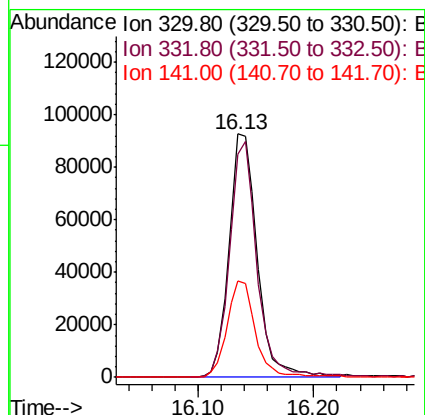
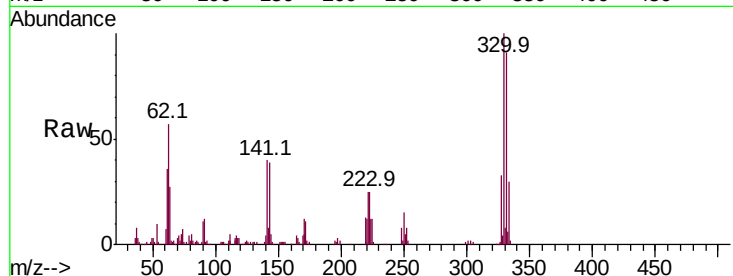




#41
2,4,6-Tribromophenol
Concen: 107.624 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035900.D
Acq: 26 Jul 2018 8:48

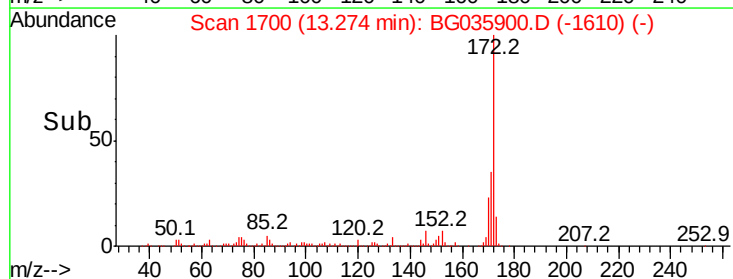
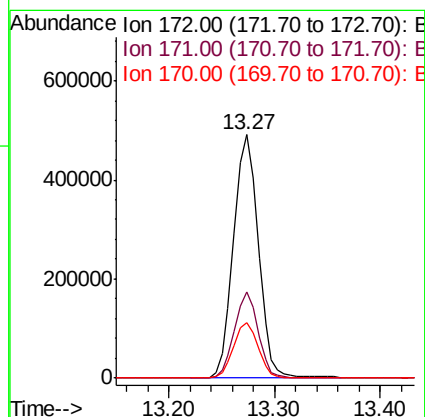
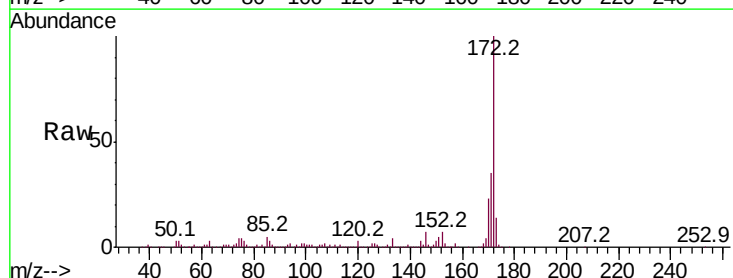
Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-S

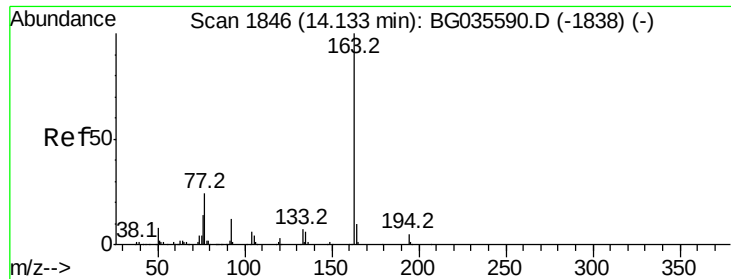
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	40.2	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 96.689 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035900.D
Acq: 26 Jul 2018 8:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	22.7	19.5	29.3





#49

Dimethylphthalate

Concen: 3.422 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-S

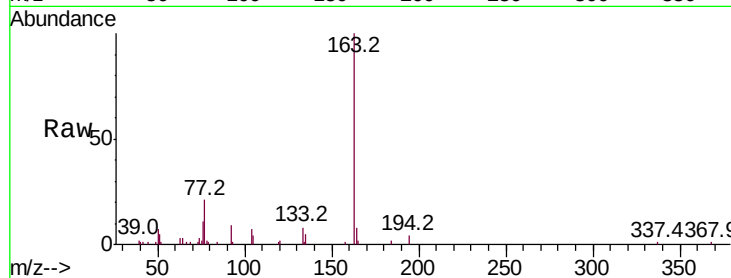
Tot Ion:163 Resp: 33208

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

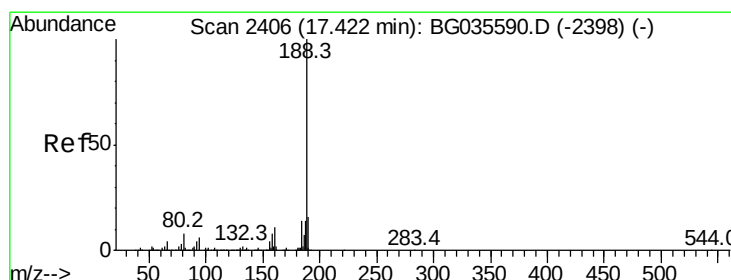
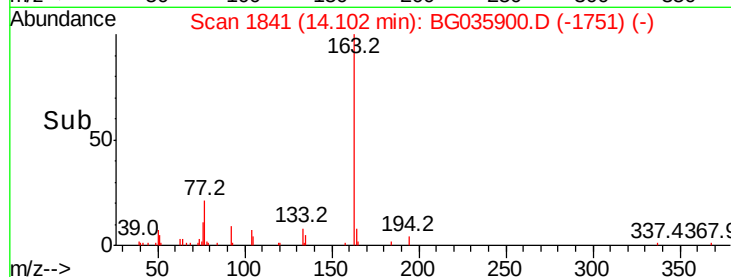
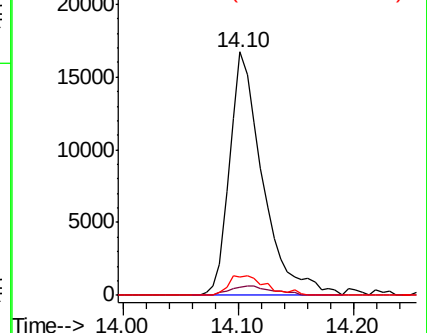
164 7.7 8.2 12.4#



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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

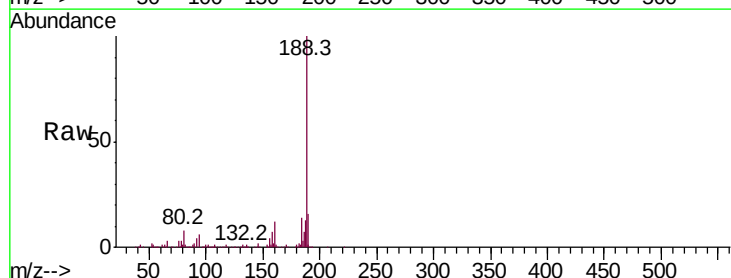
Tgt Ion:188 Resp: 303569

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

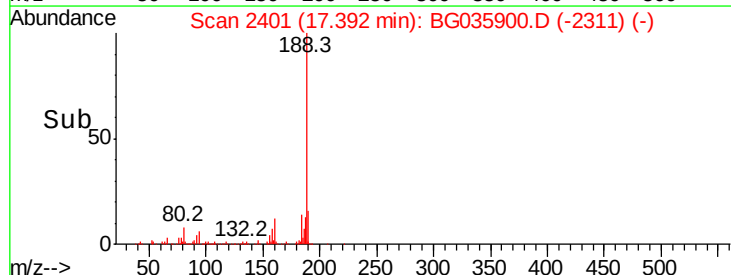
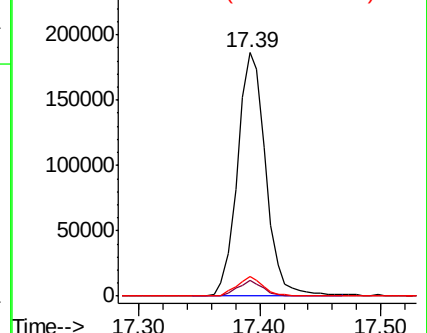
80 8.1 7.7 11.5

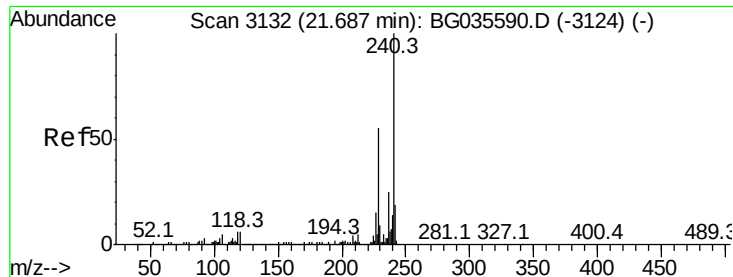


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-S

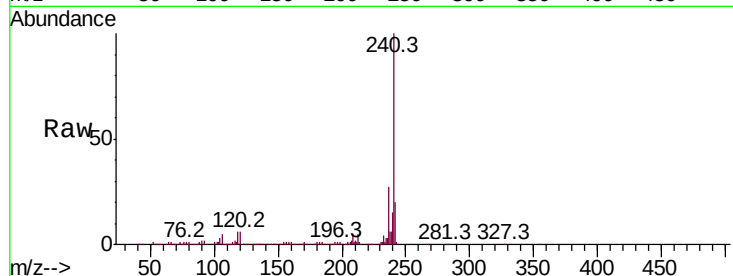
Tot Ion:240 Resp: 321921

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

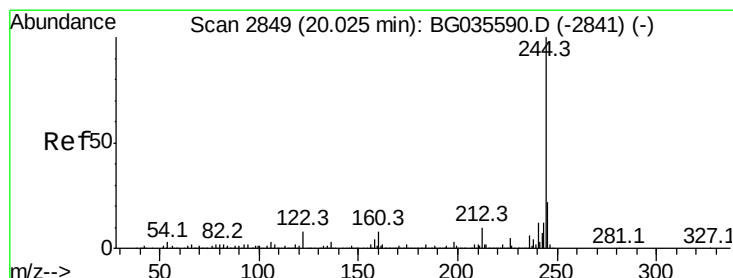
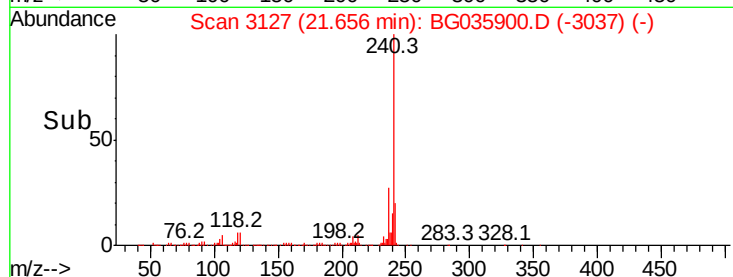
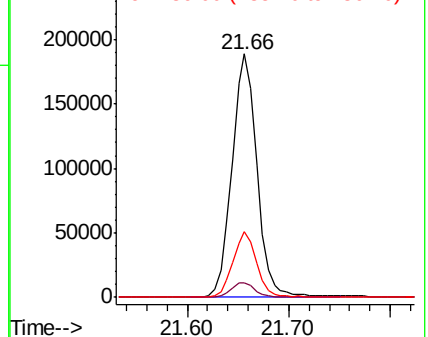
236 27.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 83.676 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035900.D

Acq: 26 Jul 2018 8:48

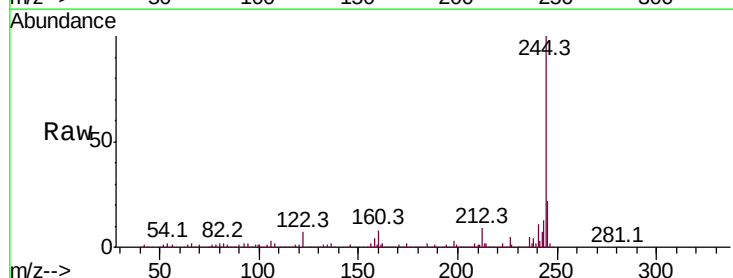
Tgt Ion:244 Resp: 1222017

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

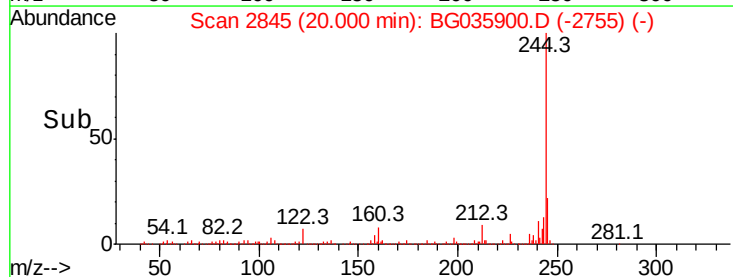
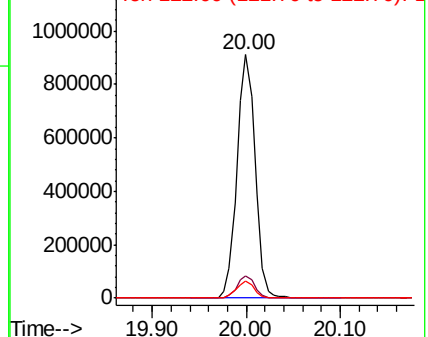
122 7.0 7.0 10.4

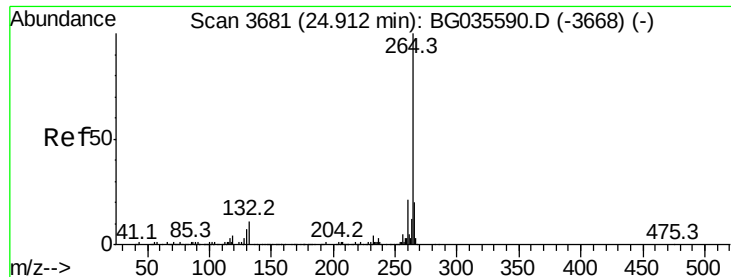


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

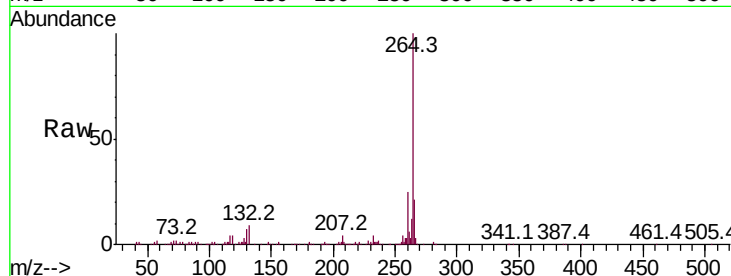




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035900.D
Acq: 26 Jul 2018 8:48

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	20.6	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

