

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035897.D
 Acq On : 26 Jul 2018 6:51
 Operator : JU/SJ
 Sample : J4107-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jul 26 07:58:35 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

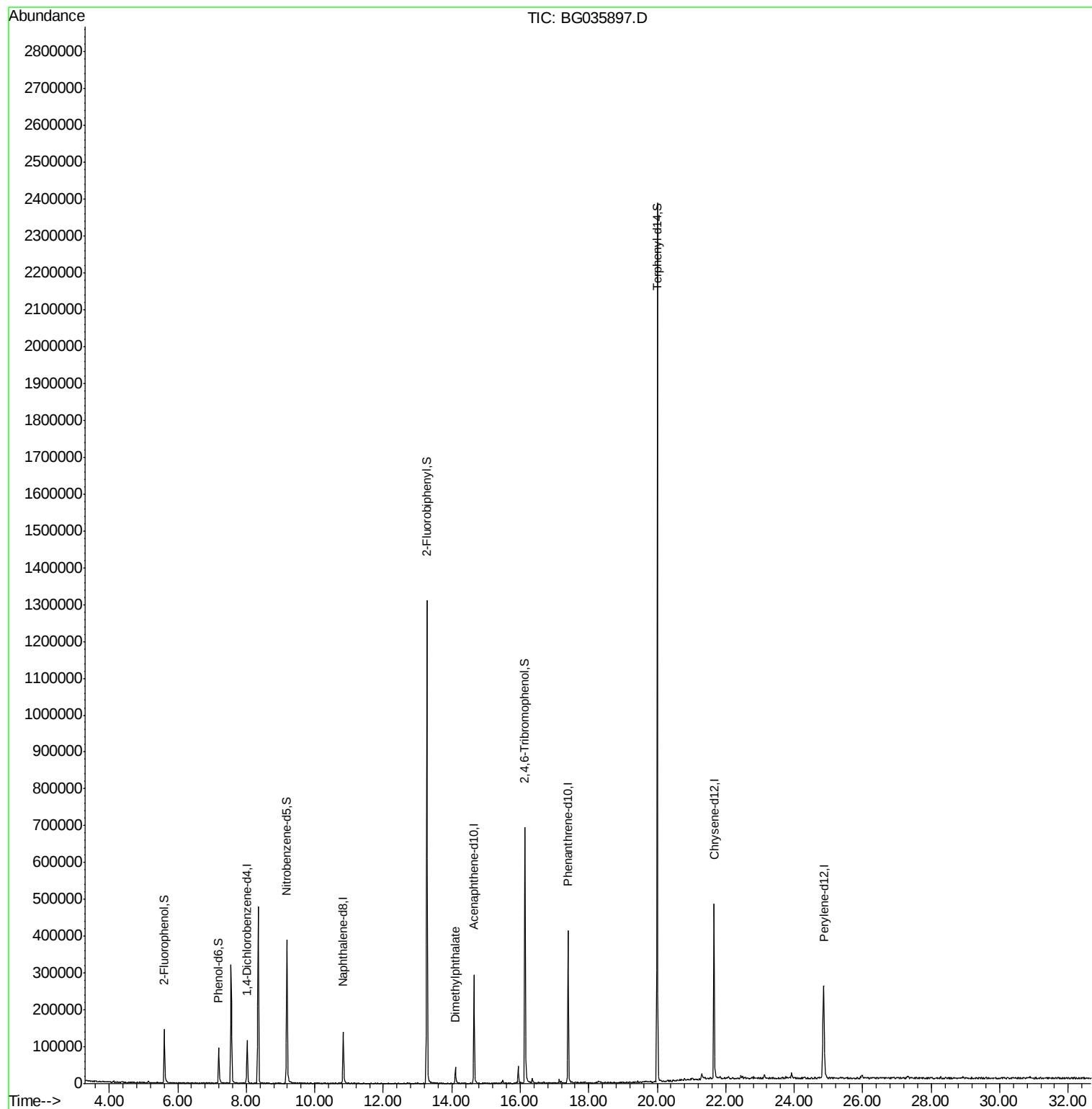
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34239	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127047	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103636	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	291390	20.00	ng	0.00
75) Chrysene-d12	21.66	240	294757	20.00	ng	0.00
86) Perylene-d12	24.86	264	286538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	69355	33.63	ng	0.00
7) Phenol-d6	7.19	99	65860	21.40	ng	0.00
23) Nitrobenzene-d5	9.19	82	284330	93.49	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	139542	102.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	731975	94.63	ng	0.00
78) Terphenyl-d14	20.00	244	1120431	83.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	38985	4.293	ng	Qvalue # 97

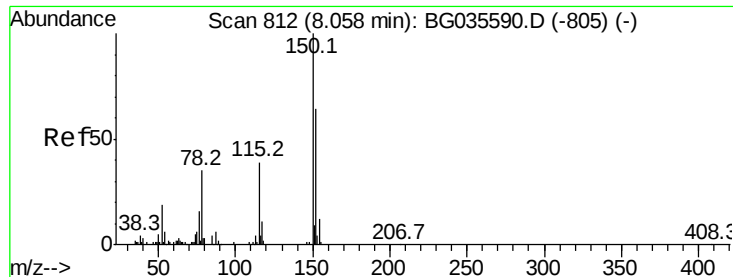
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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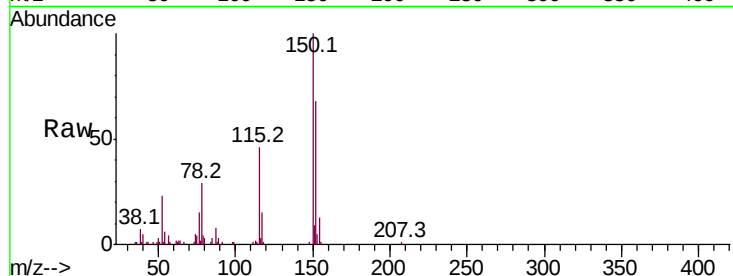


#1

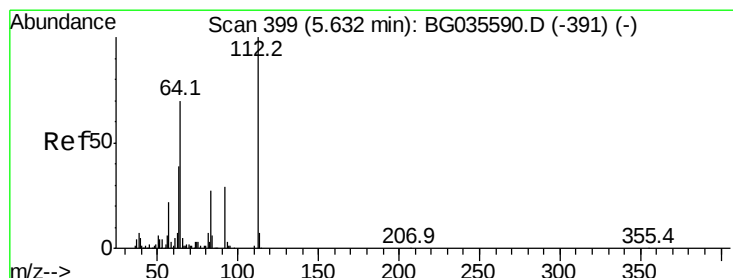
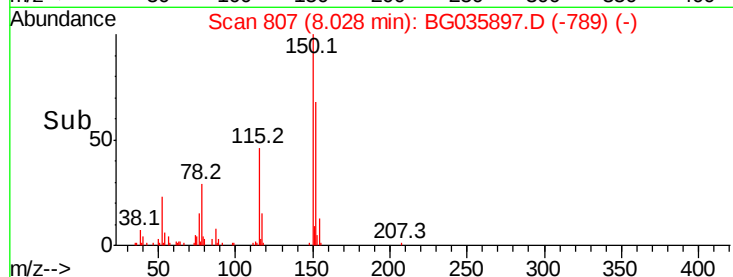
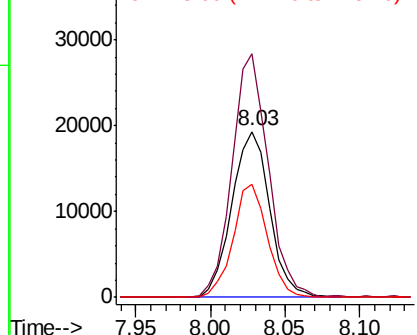
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035897.D
Acq: 26 Jul 2018 6:51

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

Tot Ion:152 Resp: 34239
Ion Ratio Lower Upper
152 100
150 146.8 126.6 189.8
115 68.1 53.0 79.4



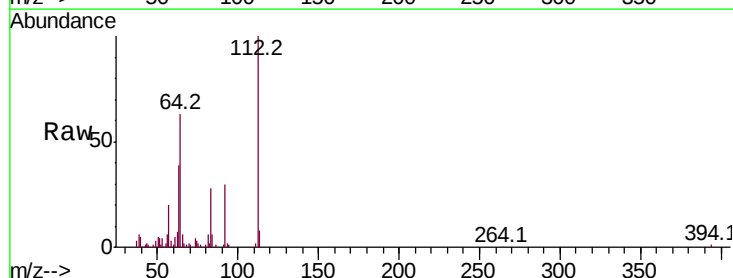
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



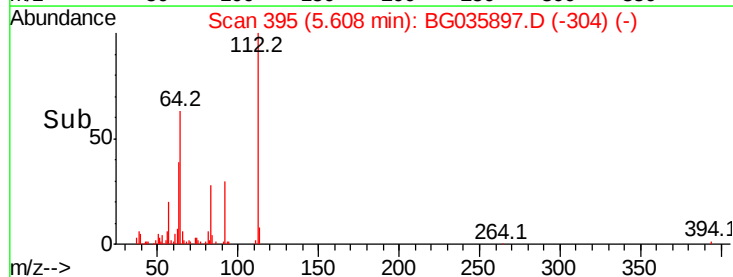
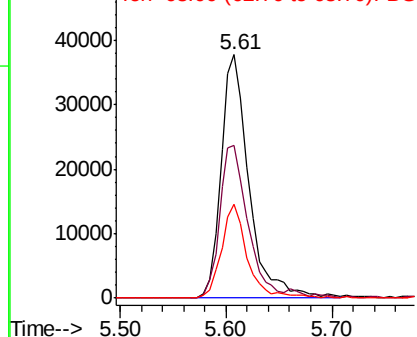
#5

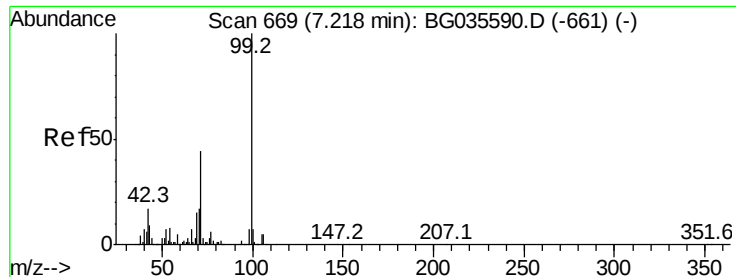
2-Fluorophenol
Concen: 33.630 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035897.D
Acq: 26 Jul 2018 6:51

Tgt Ion:112 Resp: 69355
Ion Ratio Lower Upper
112 100
64 62.9 56.3 84.5
63 38.6 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: 21.404 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035897.D

Acq: 26 Jul 2018 6:51

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-S

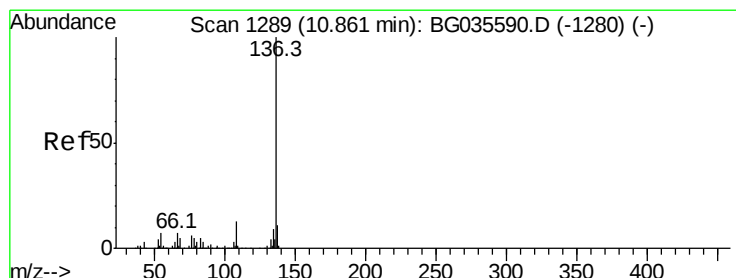
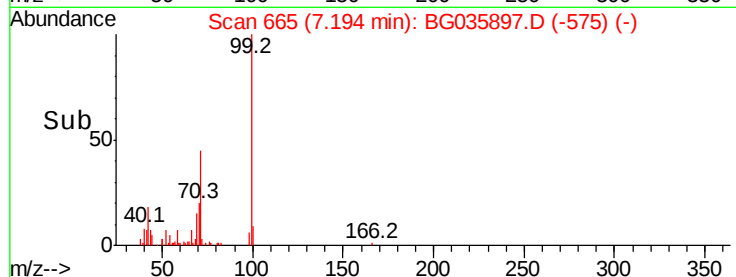
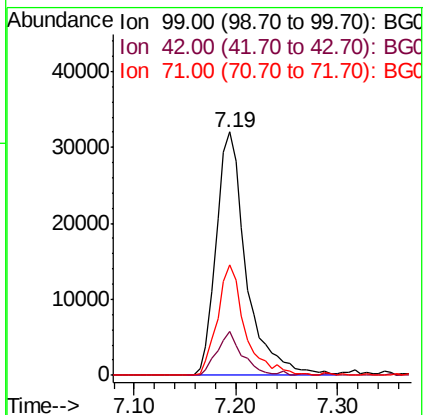
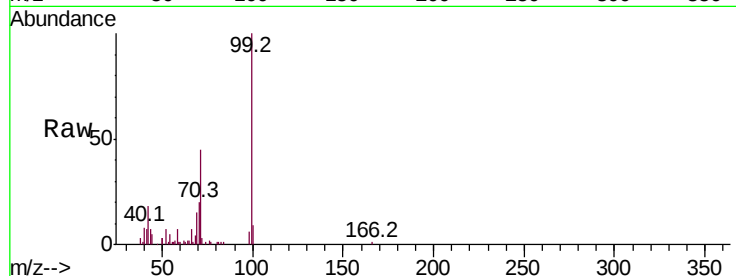
Tot Ion: 99 Resp: 65860

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

71 45.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035897.D

Acq: 26 Jul 2018 6:51

Tgt Ion: 136 Resp: 127047

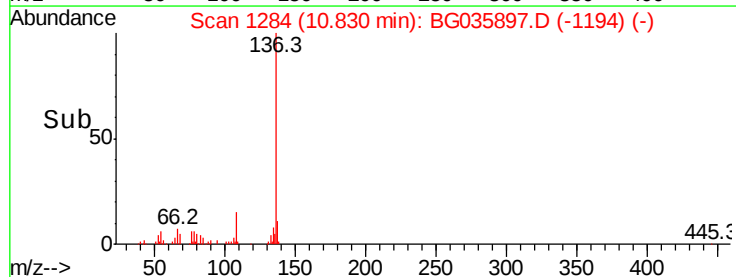
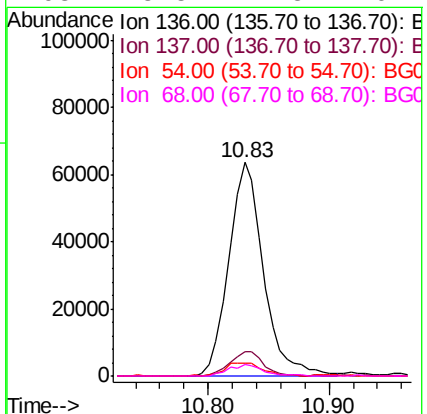
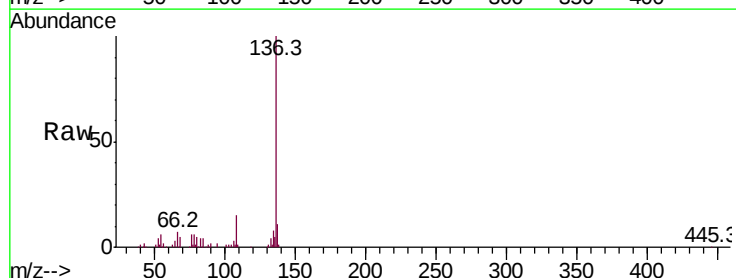
Ion Ratio Lower Upper

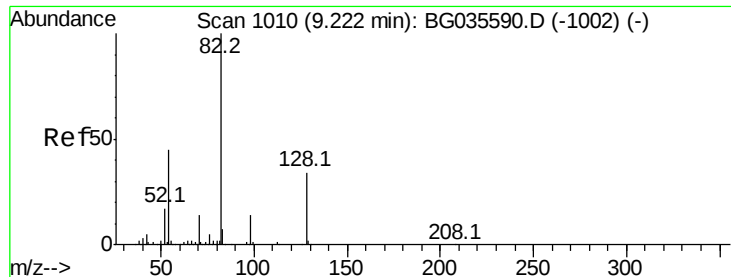
136 100

137 11.5 9.2 13.8

54 6.3 10.3 15.5#

68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.491 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035897.D

Acq: 26 Jul 2018 6:51

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-S

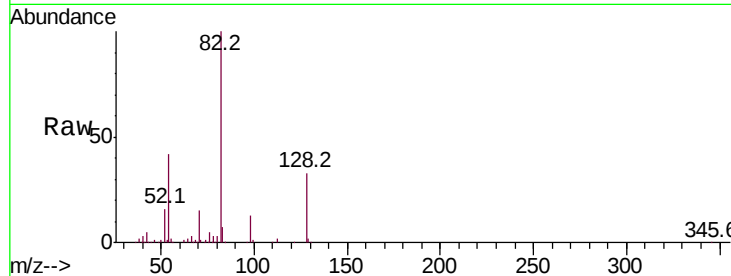
Tot Ion: 82 Resp: 284330

Ion Ratio Lower Upper

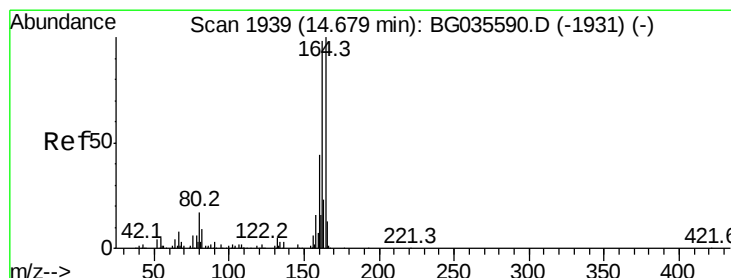
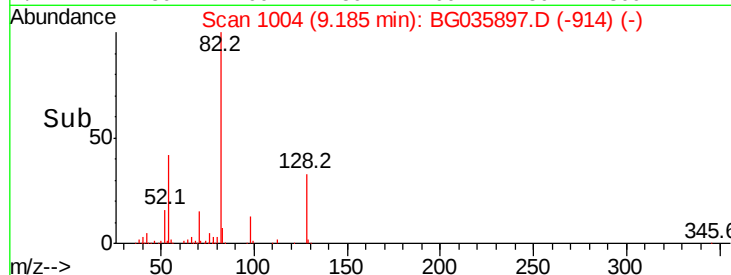
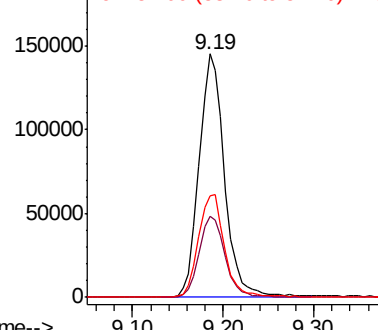
82 100

128 33.2 29.7 44.5

54 41.8 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: BG035897.D

Acq: 26 Jul 2018 6:51

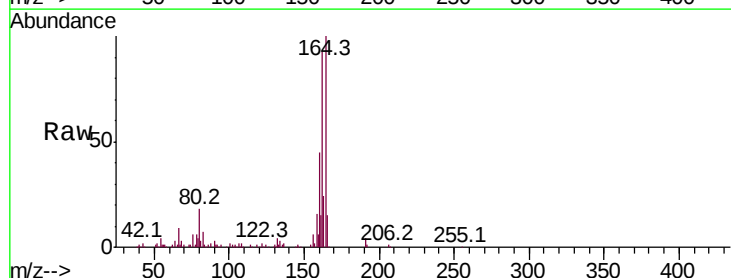
Tgt Ion:164 Resp: 103636

Ion Ratio Lower Upper

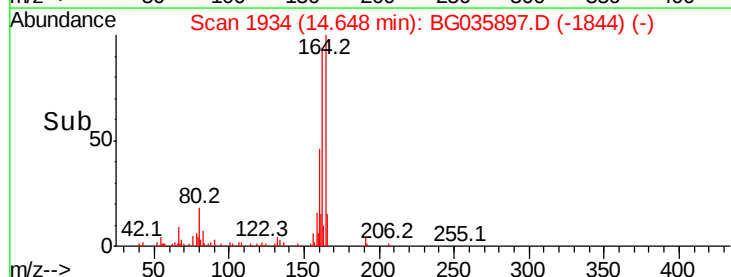
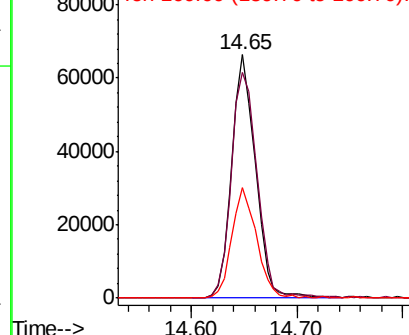
164 100

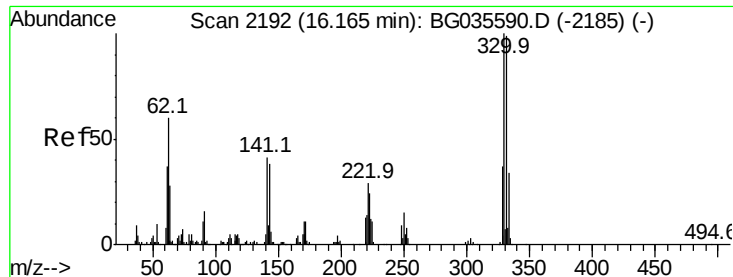
162 92.6 78.8 118.2

160 45.4 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

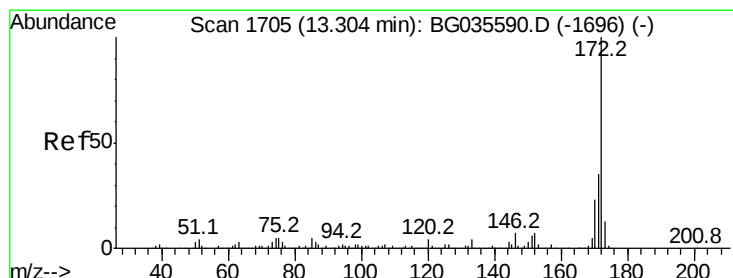
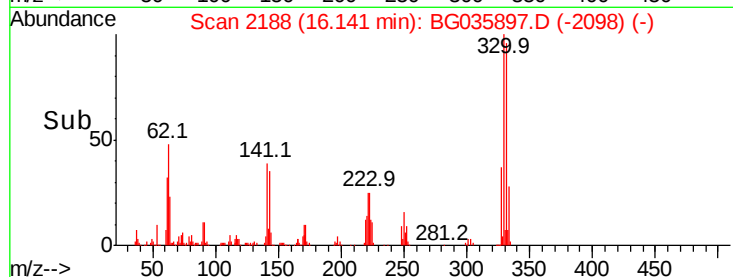
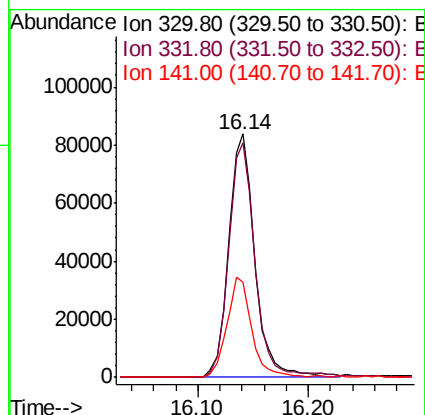
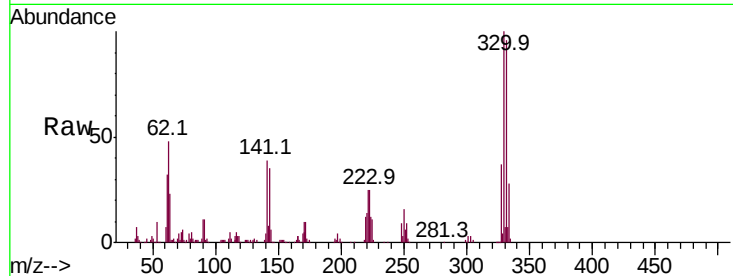




#41
 2,4,6-Tribromophenol
 Concen: 102.155 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035897.D
 Acq: 26 Jul 2018 6:51

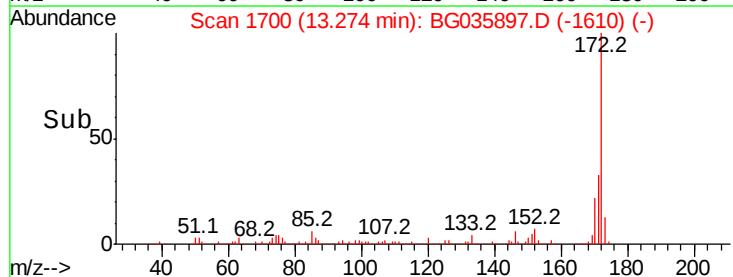
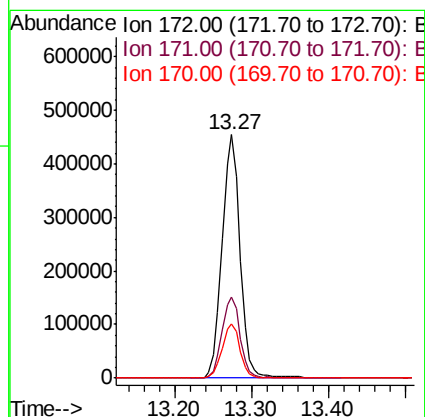
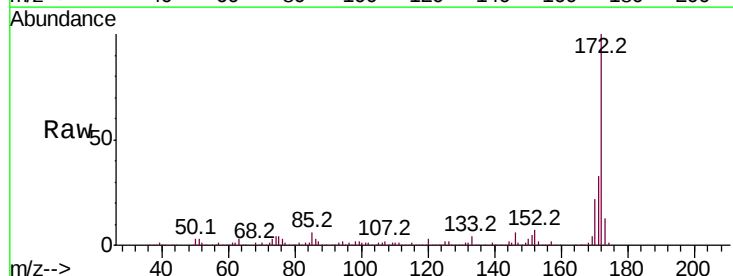
Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-D-S

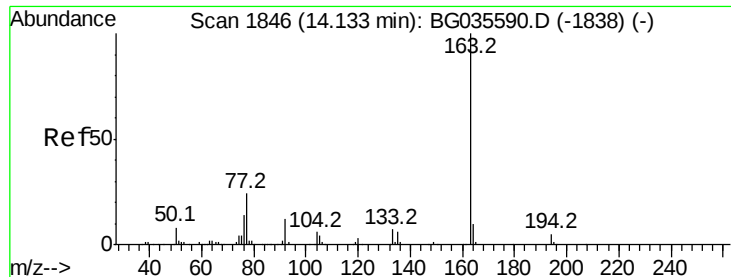
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 94.625 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035897.D
 Acq: 26 Jul 2018 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	30.0	45.0
170	22.4	19.5	29.3





#49

Dimethylphthalate

Concen: 4.293 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035897.D

Acq: 26 Jul 2018 6:51

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-D-S

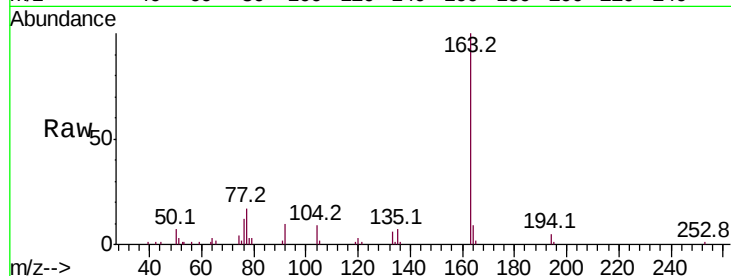
Tot Ion:163 Resp: 38985

Ion Ratio Lower Upper

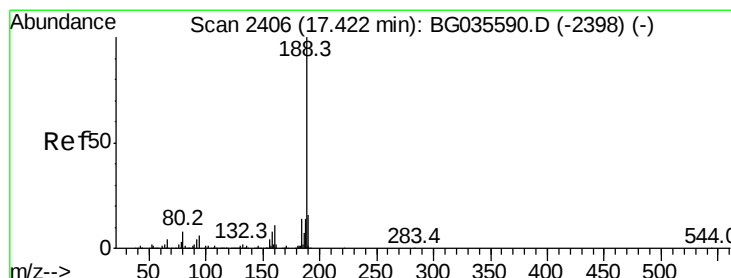
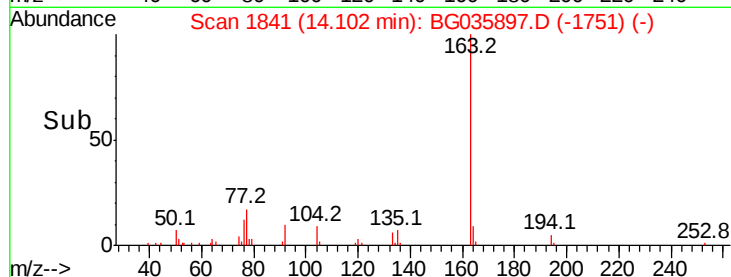
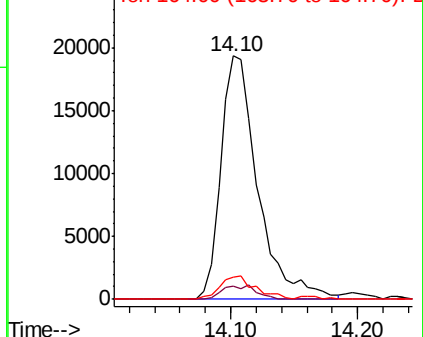
163 100

194 5.2 3.4 5.2#

164 9.1 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: BG035897.D

Acq: 26 Jul 2018 6:51

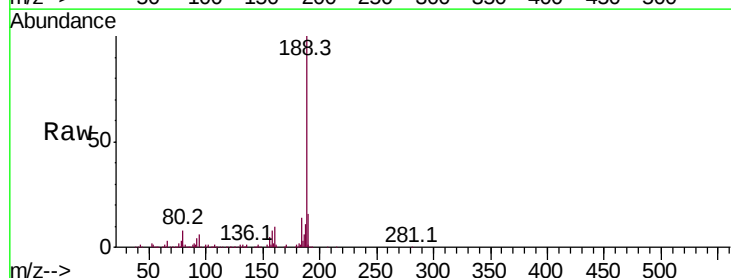
Tgt Ion:188 Resp: 291390

Ion Ratio Lower Upper

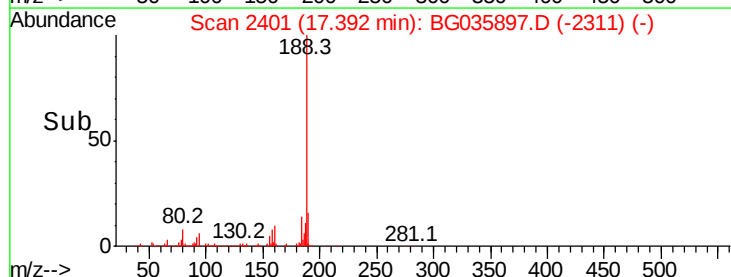
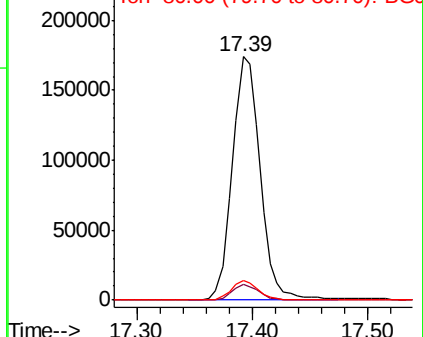
188 100

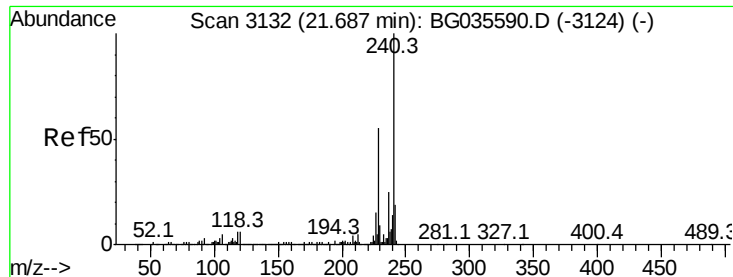
94 6.3 6.9 10.3#

80 8.0 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: BG035897.D

Acq: 26 Jul 2018 6:51

Instrument :

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ClientSampleId :

071918-DBRI-E-D-S

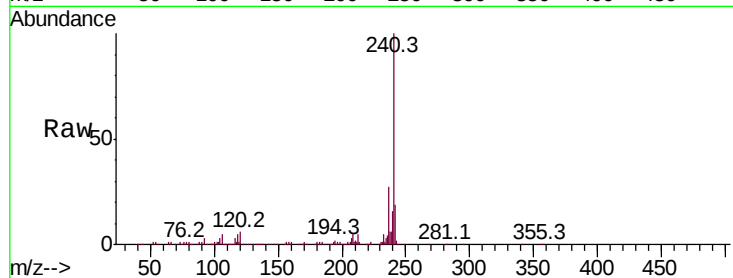
Tot Ion:240 Resp: 294757

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

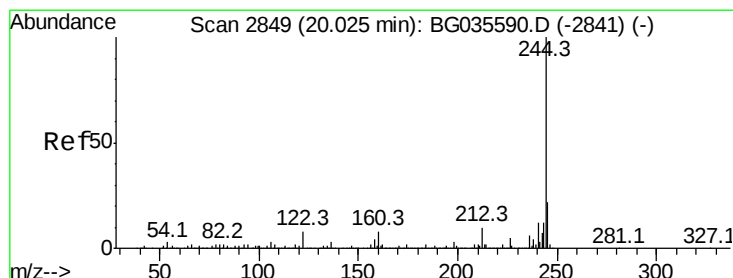
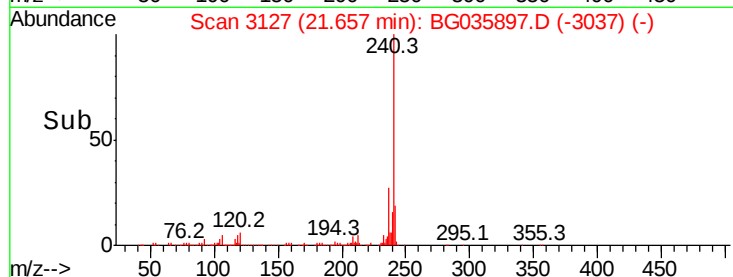
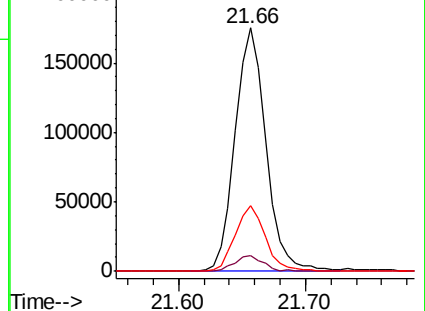
236 27.2 20.9 31.3



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: 83.790 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035897.D

Acq: 26 Jul 2018 6:51

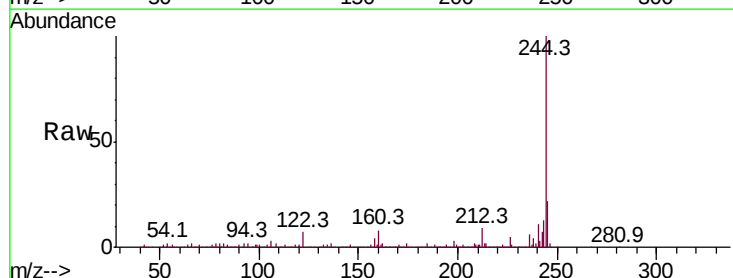
Tgt Ion:244 Resp: 1120431

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

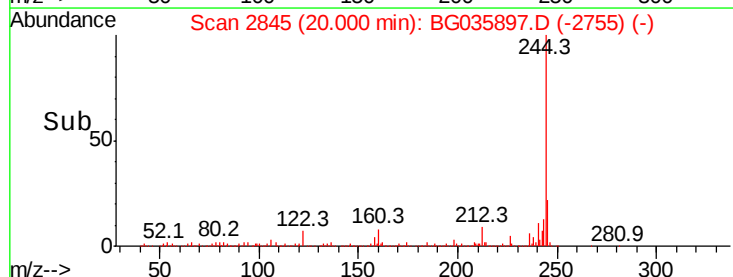
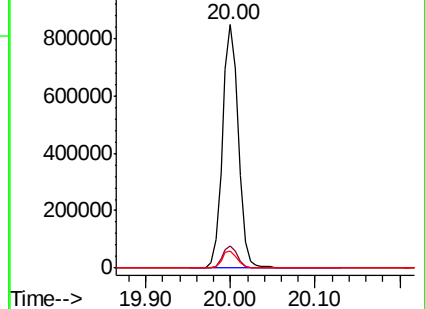
122 7.2 7.0 10.4

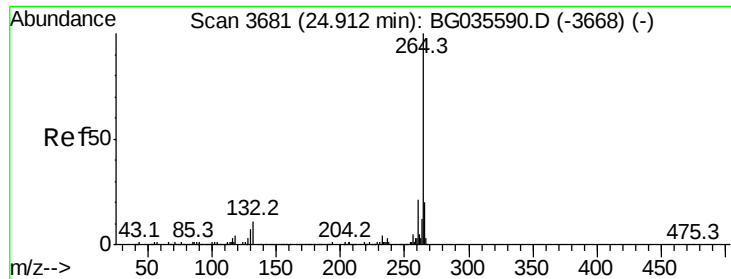


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: BG035897.D
 Acq: 26 Jul 2018 6:51

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.6	17.7	26.5

