

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035899.D
 Acq On : 26 Jul 2018 8:09
 Operator : JU/SJ
 Sample : J4107-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 26 12:00:23 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

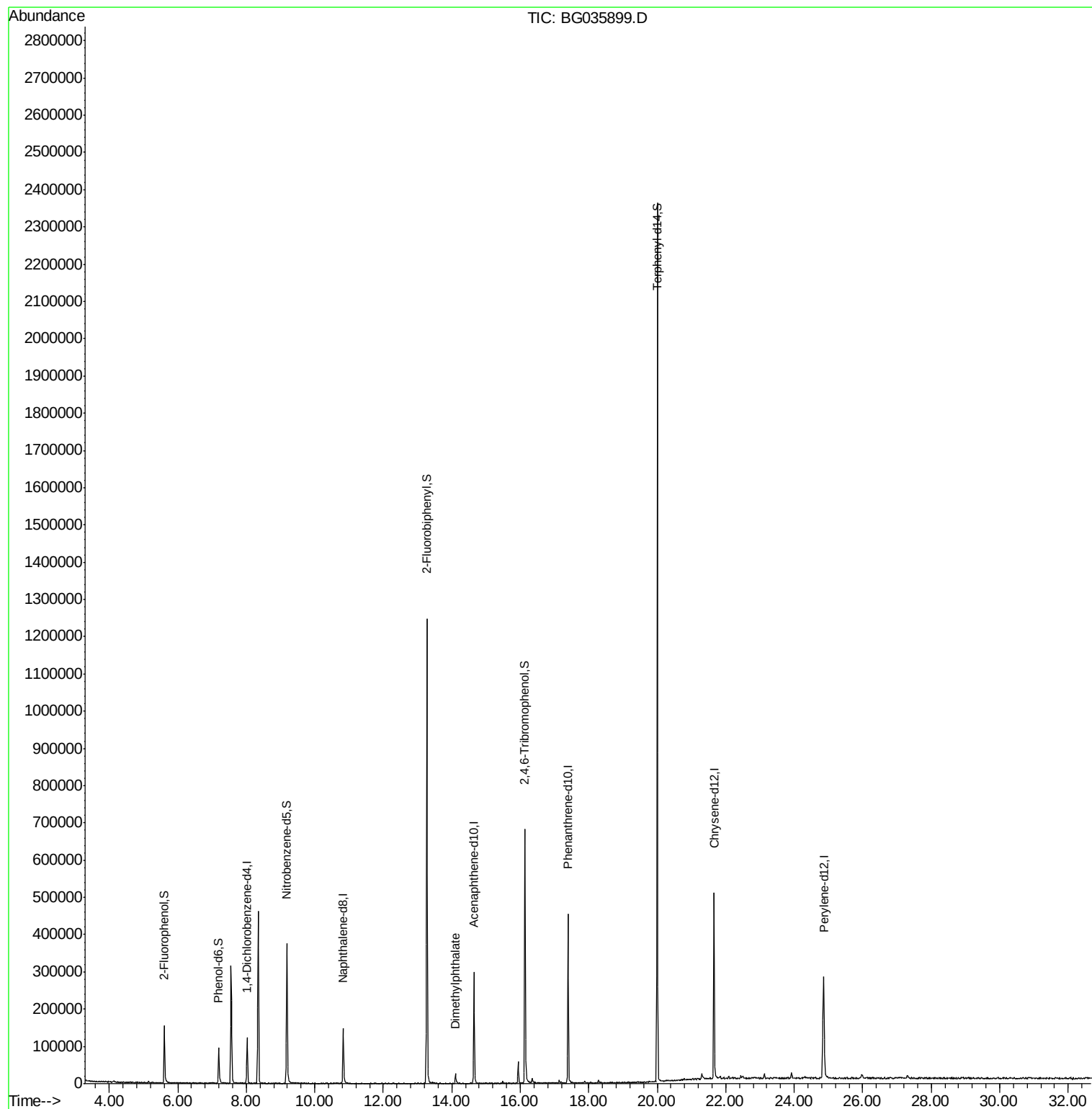
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35448	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133928	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109134	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	306980	20.00	ng	0.00
75) Chrysene-d12	21.66	240	329196	20.00	ng	0.00
86) Perylene-d12	24.85	264	304244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	73918	34.62	ng	0.00
7) Phenol-d6	7.19	99	67921	21.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	264687	82.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	137334	95.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	700619	86.01	ng	0.00
78) Terphenyl-d14	20.00	244	1093742	73.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	25225	2.638	ng	Qvalue # 92

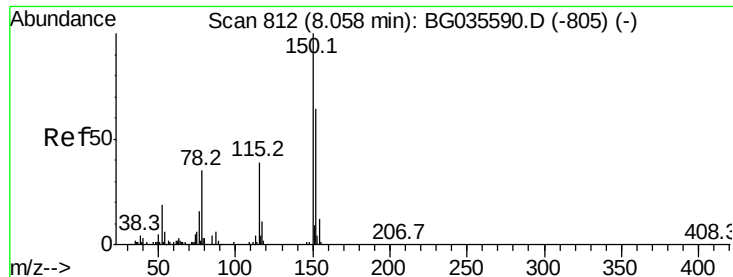
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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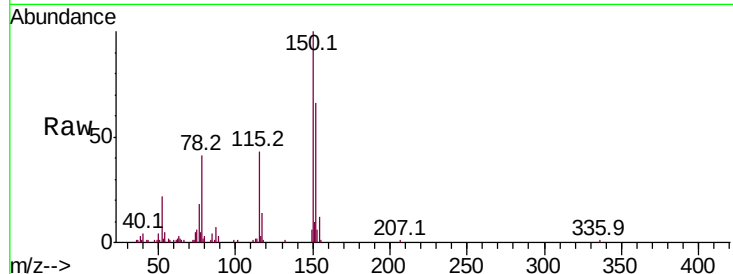


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	65.2	53.0	79.4

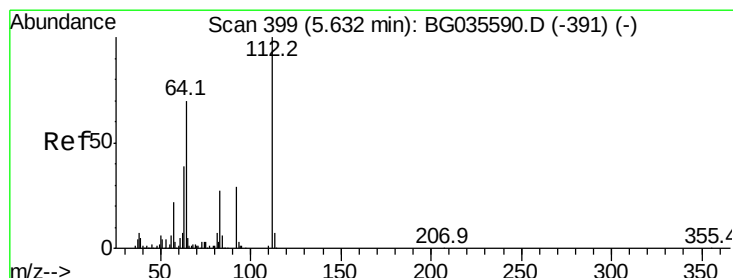
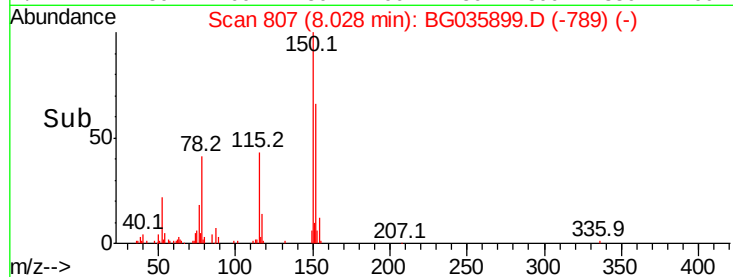
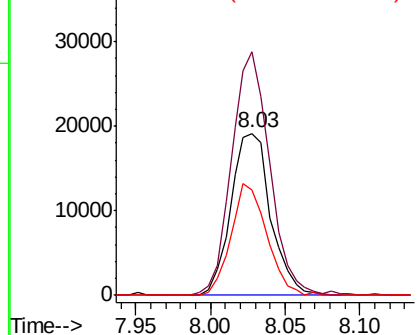


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

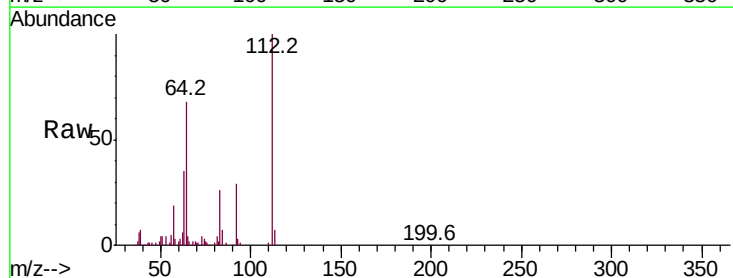
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 34.620 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	34.6	30.1	45.1

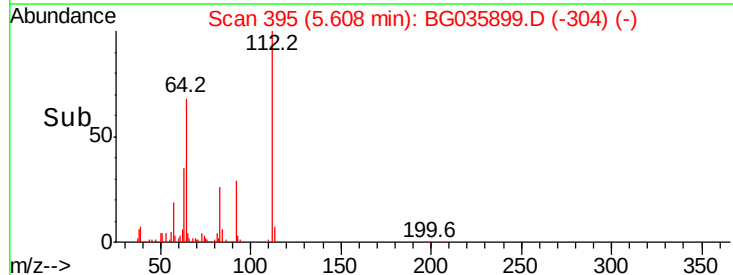
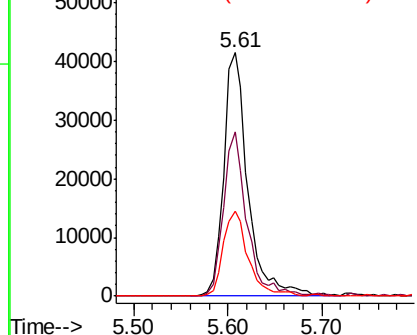


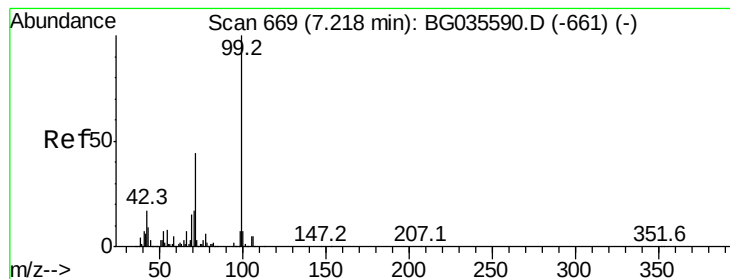
Abundance

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: 21.321 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

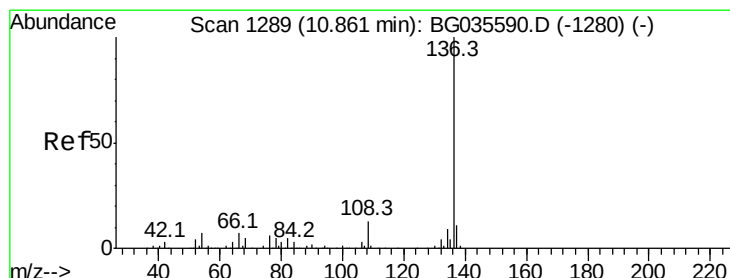
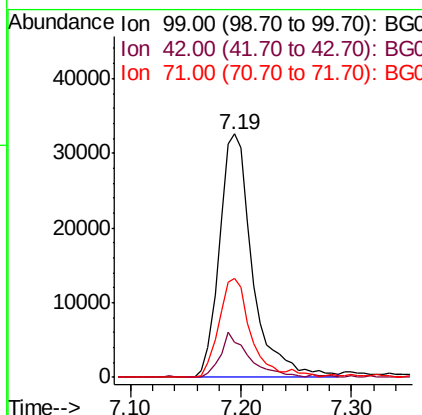
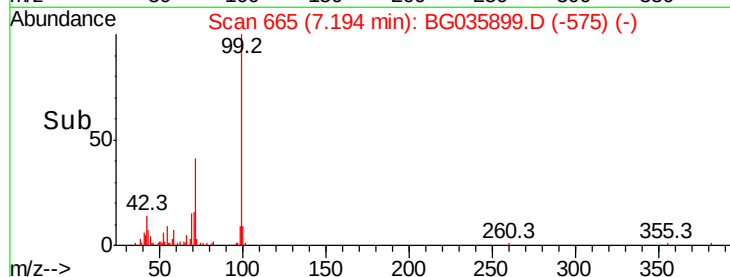
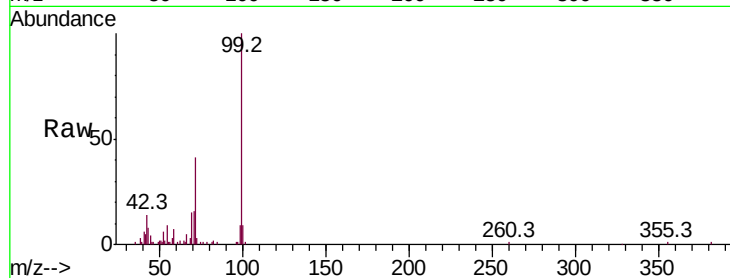
Tot Ion: 99 Resp: 67921

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 40.8 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: BG035899.D

Acq: 26 Jul 2018 8:09

Tgt Ion:136 Resp: 133928

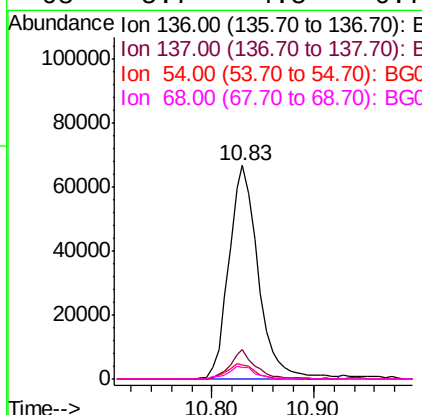
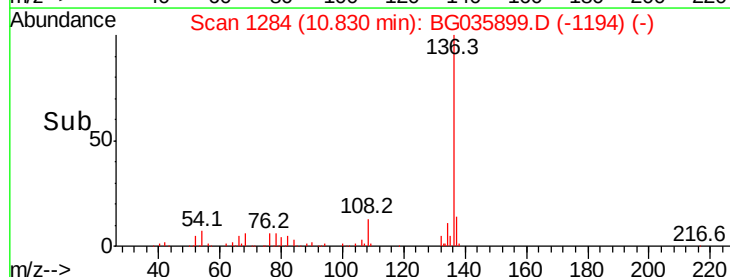
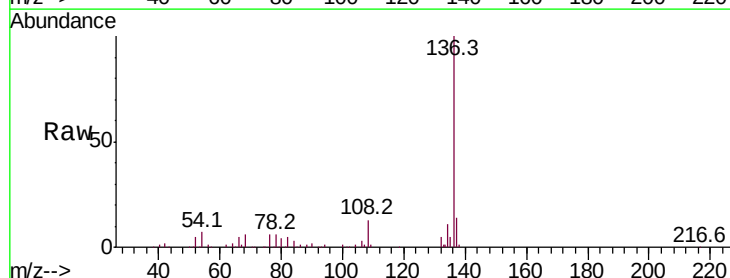
Ion Ratio Lower Upper

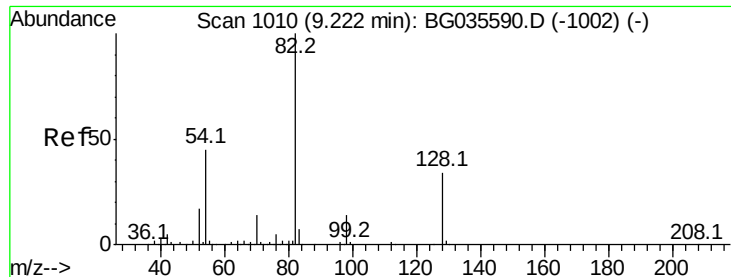
136 100

137 13.7 9.2 13.8

54 6.8 10.3 15.5#

68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.561 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

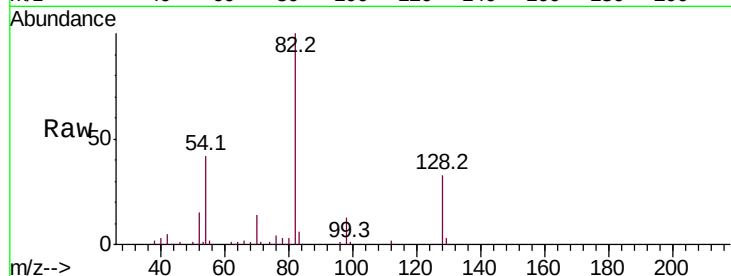
Tot Ion: 82 Resp: 264687

Ion Ratio Lower Upper

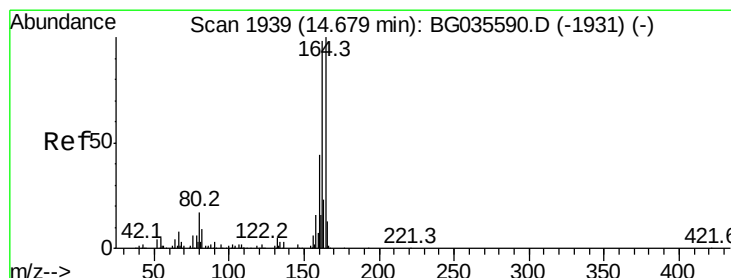
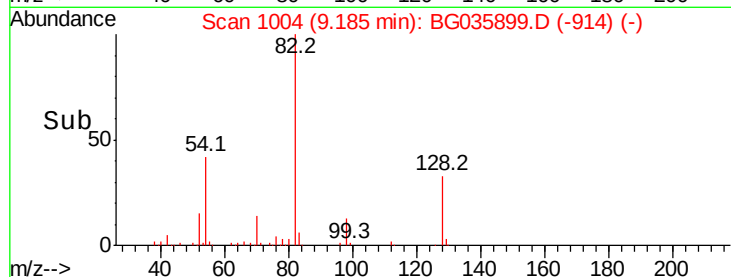
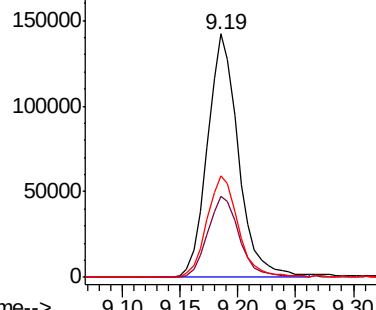
82 100

128 33.3 29.7 44.5

54 41.7 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: BG035899.D

Acq: 26 Jul 2018 8:09

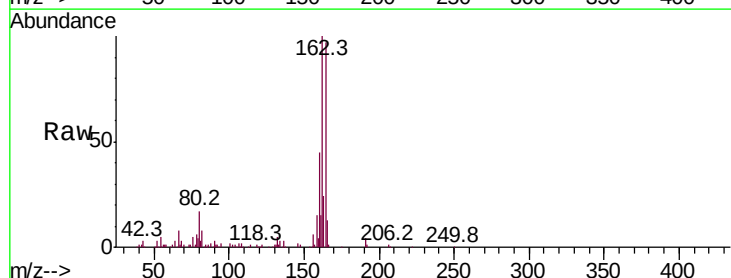
Tgt Ion:164 Resp: 109134

Ion Ratio Lower Upper

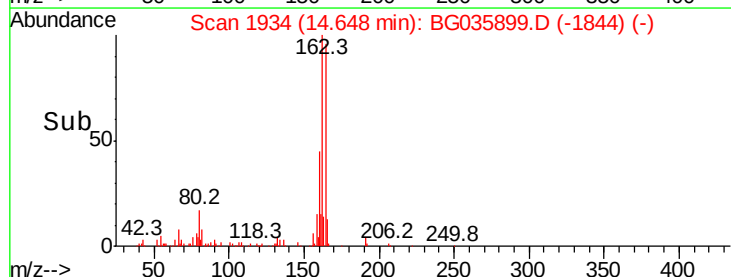
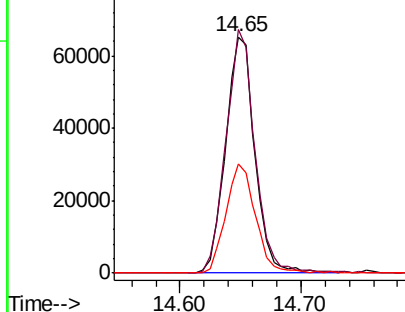
164 100

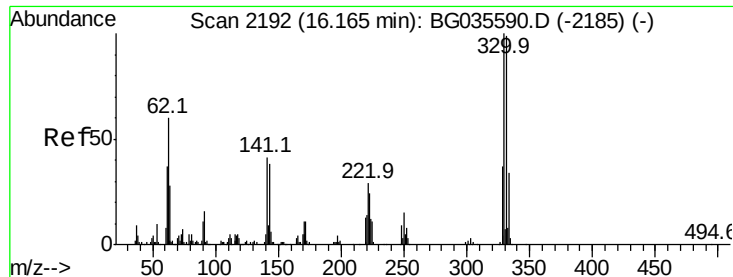
162 103.2 78.8 118.2

160 46.3 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

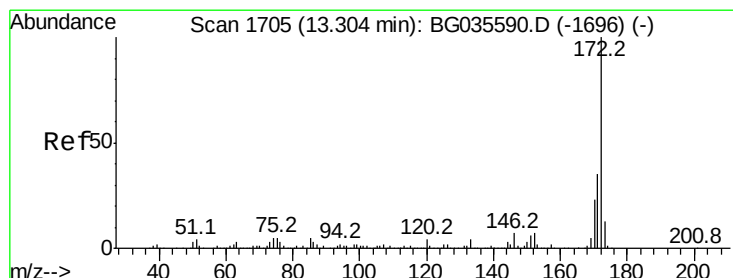
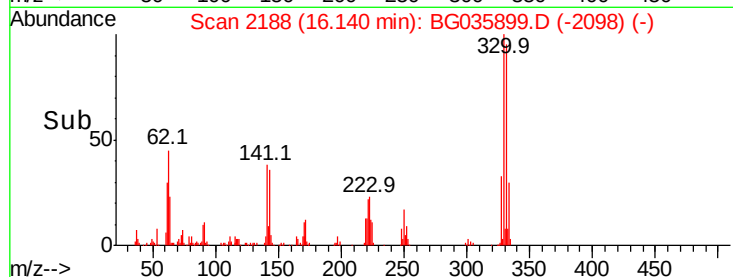
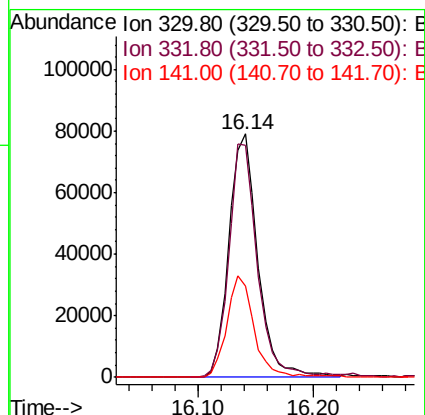
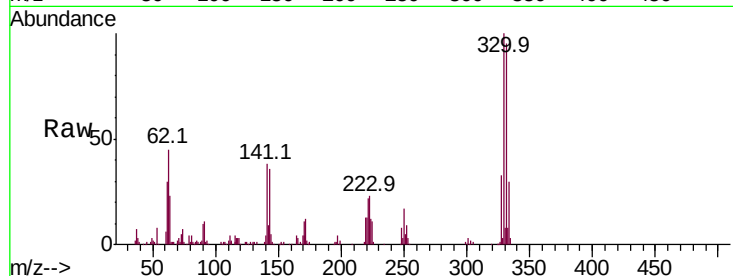




#41
2,4,6-Tribromophenol
Concen: 95.473 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

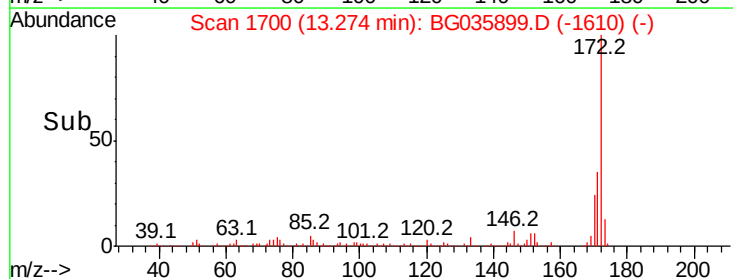
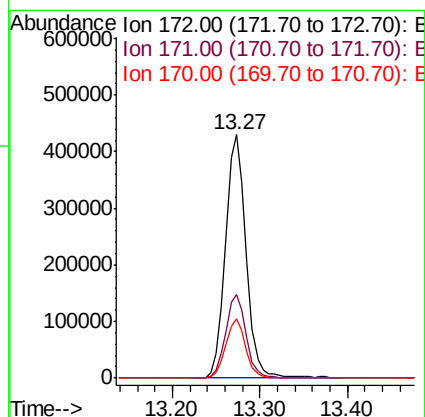
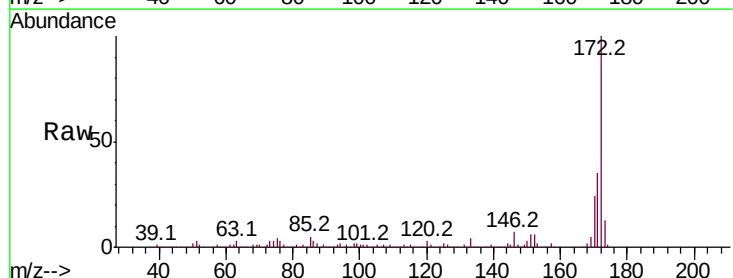
Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-M

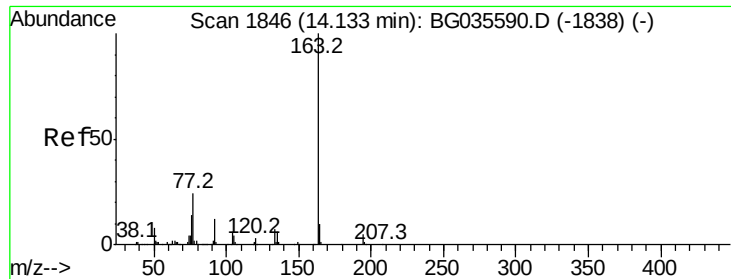
Tot Ion:330 Resp: 137334
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 38.7 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 86.009 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Tgt Ion:172 Resp: 700619
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 24.1 19.5 29.3





#49

Dimethylphthalate

Concen: 2.638 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

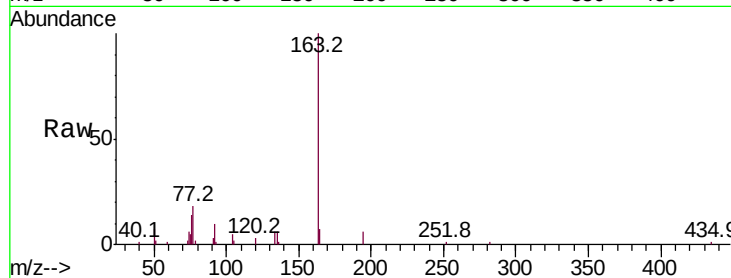
Tot Ion:163 Resp: 25225

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

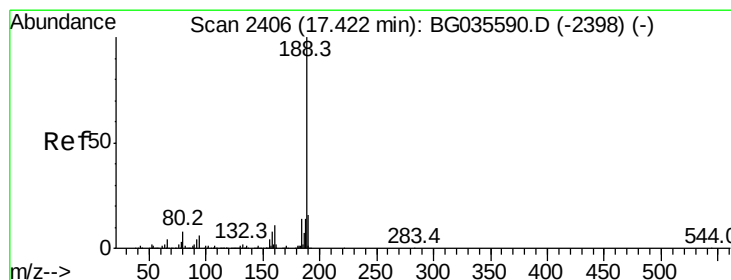
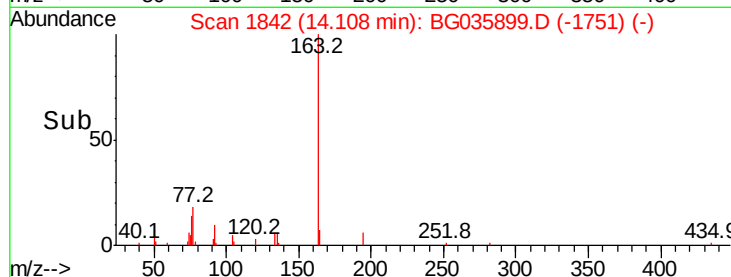
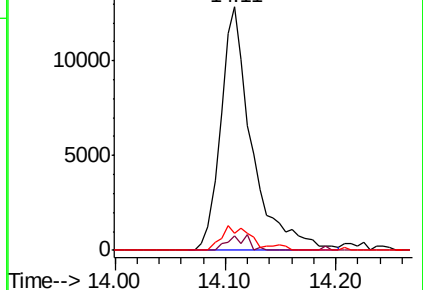
164 6.8 8.2 12.4#



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: BG035899.D

Acq: 26 Jul 2018 8:09

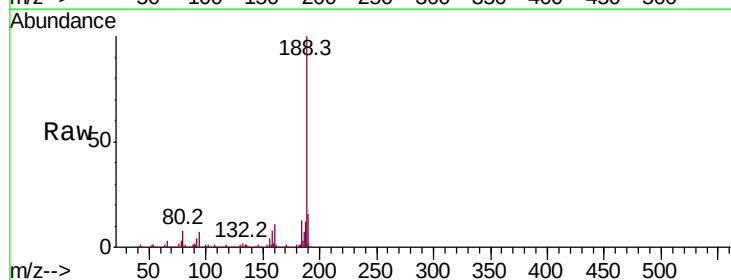
Tgt Ion:188 Resp: 306980

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

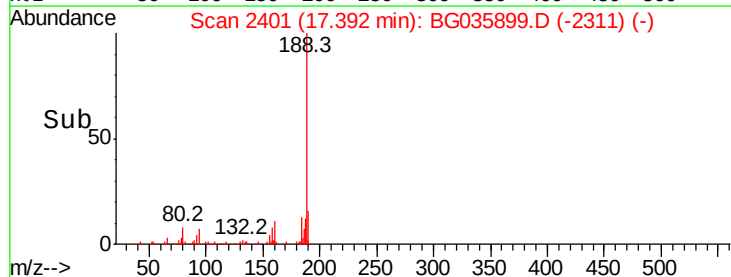
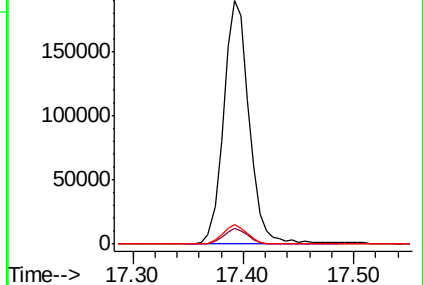
80 8.2 7.7 11.5

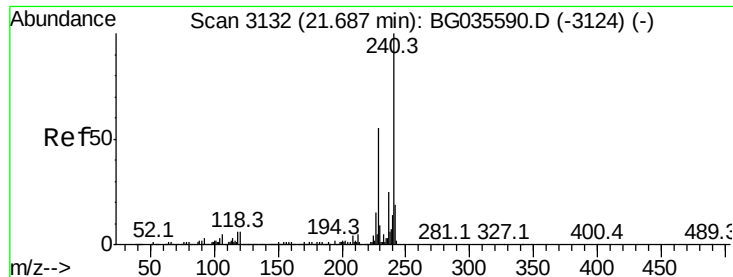


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

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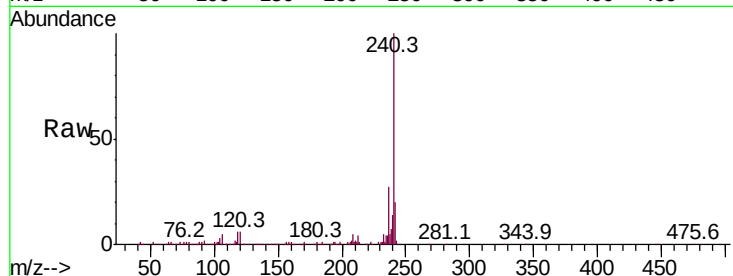
Tot Ion:240 Resp: 329196

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

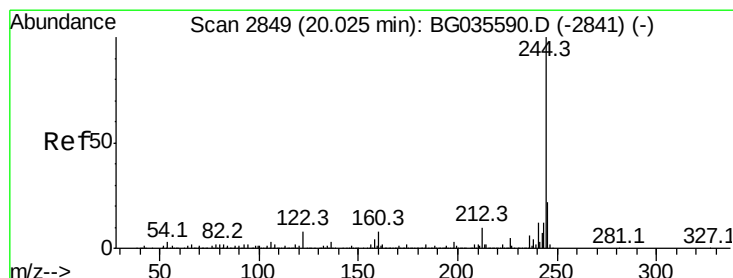
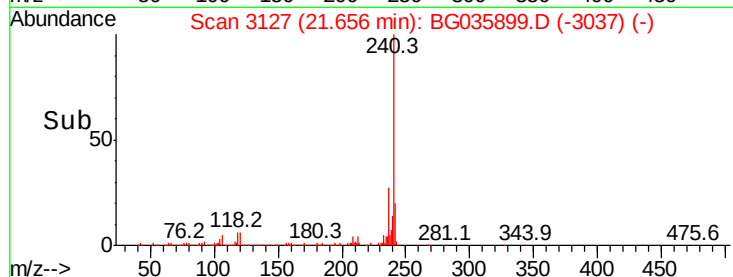
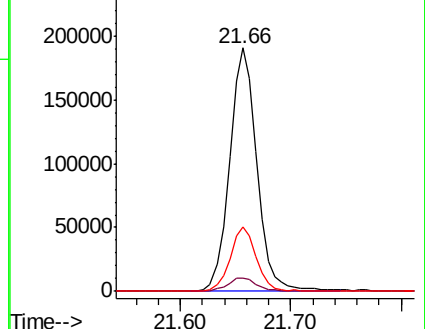
236 26.6 20.9 31.3



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: 73.237 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

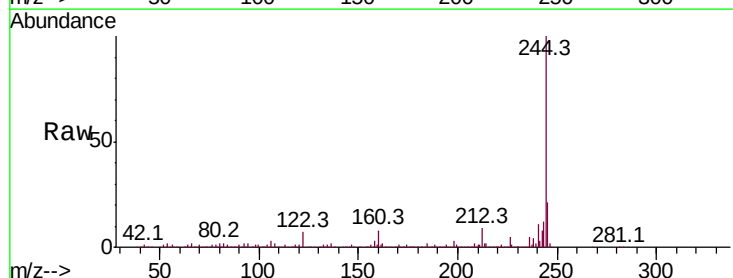
Tgt Ion:244 Resp: 1093742

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

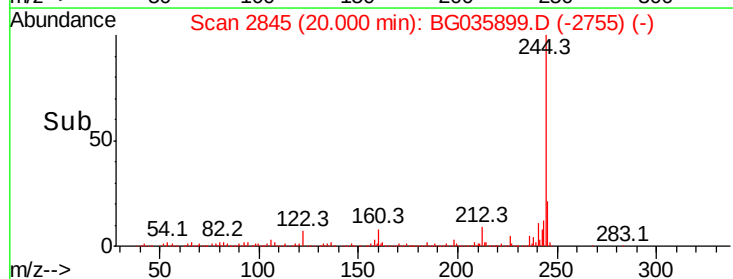
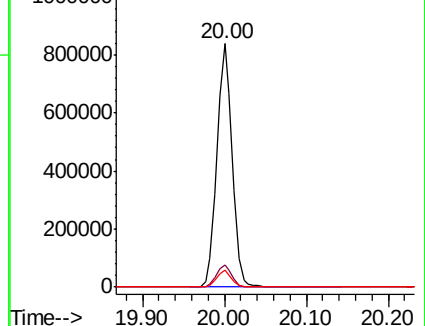
122 7.1 7.0 10.4

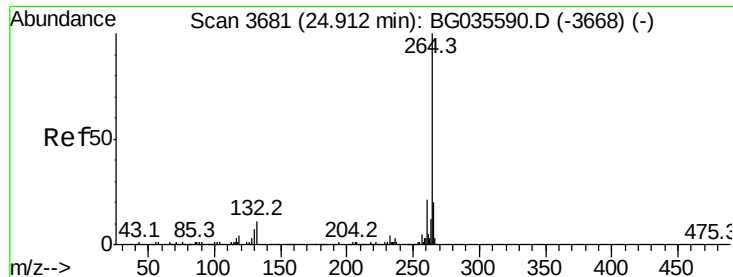


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

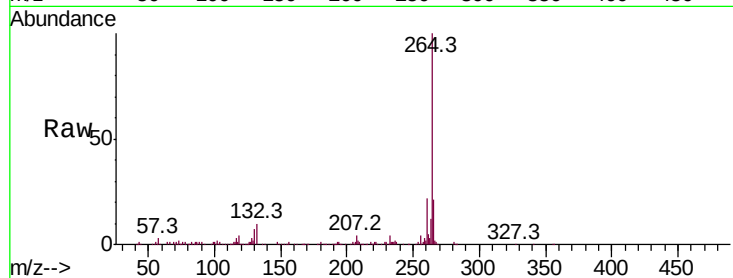




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.9	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

