

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036412.D
 Acq On : 24 Aug 2018 13:45
 Operator : JU/SJ
 Sample : J4568-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-S

Quant Time: Aug 24 14:23:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50592	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	213043	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	138118	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	359720	20.00	ng	0.00
75) Chrysene-d12	21.70	240	404679	20.00	ng	-0.01
86) Perylene-d12	24.92	264	410342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	151606	47.54	ng	0.00
7) Phenol-d6	7.21	99	136157	29.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	410257	104.48	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	183361	111.26	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	955386	98.76	ng	0.00
78) Terphenyl-d14	20.04	244	1539627	88.93	ng	-0.01

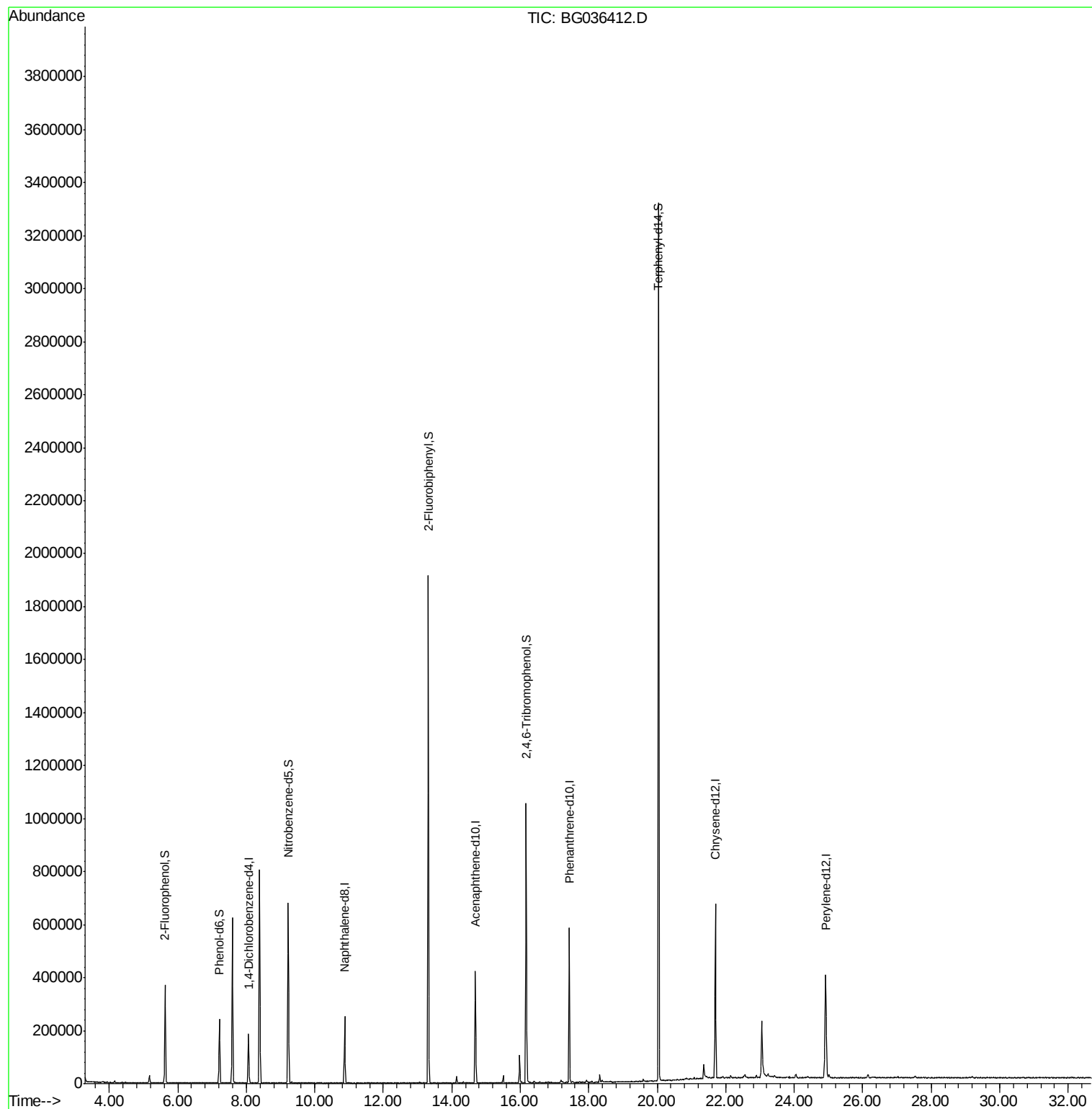
Target Compounds Qvalue

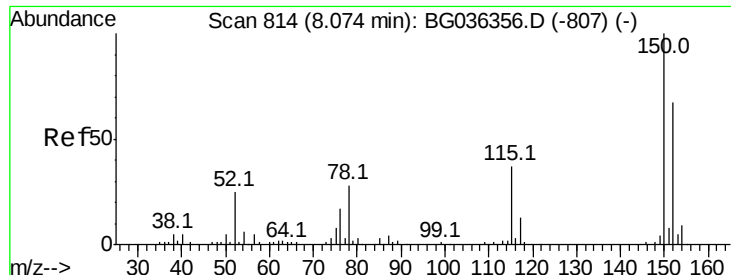
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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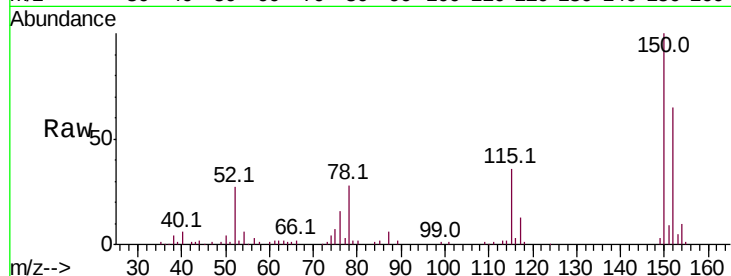


#1

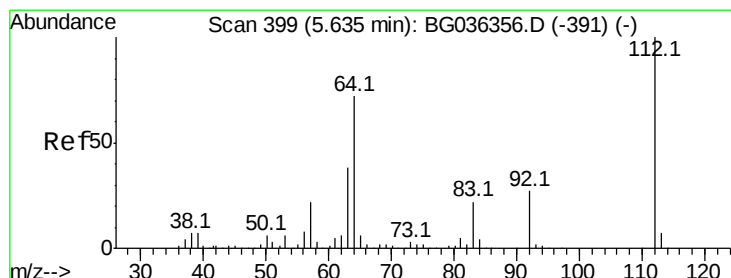
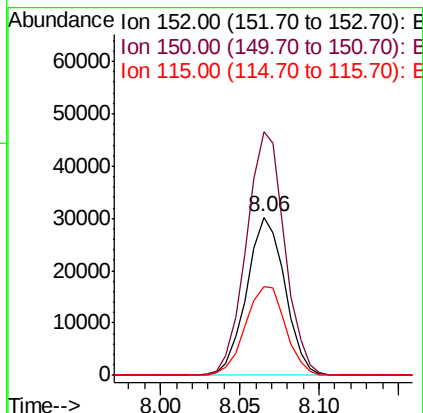
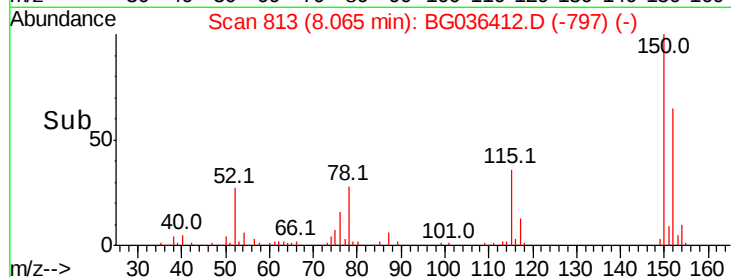
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036412.D
Acq: 24 Aug 2018 13:45

Instrument :
BNA_G
ClientSampleId :
081718-DBRI-E-U-S

Tot Ion:152 Resp: 50592
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 55.6 44.5 66.7



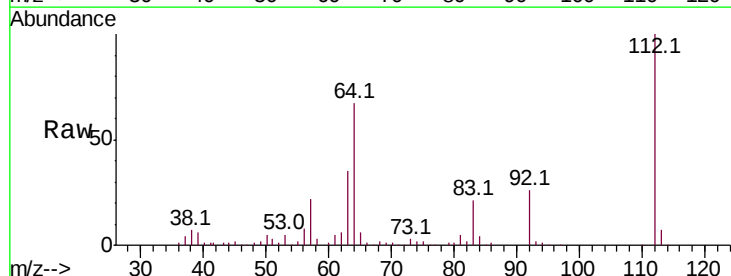
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



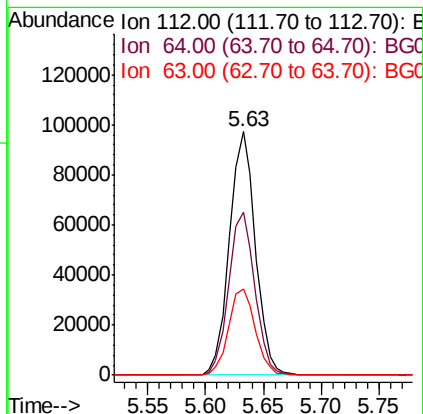
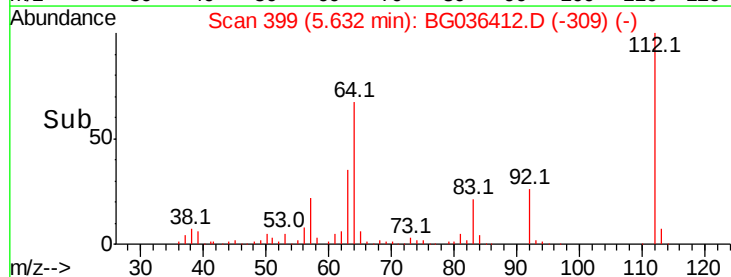
#5

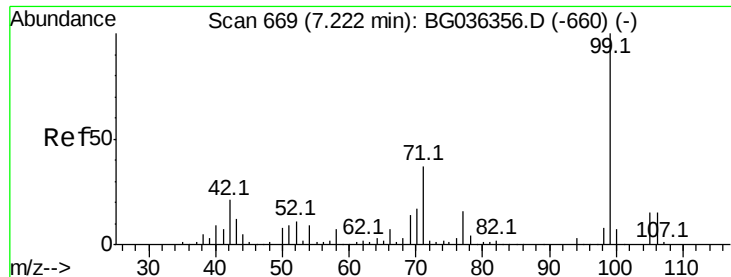
2-Fluorophenol
Concen: 47.536 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036412.D
Acq: 24 Aug 2018 13:45

Tgt Ion:112 Resp: 151606
Ion Ratio Lower Upper
112 100
64 67.0 57.2 85.8
63 35.4 30.8 46.2



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: 29.818 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-S

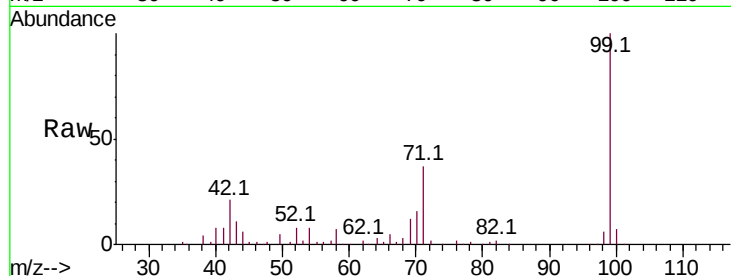
Tot Ion: 99 Resp: 136157

Ion Ratio Lower Upper

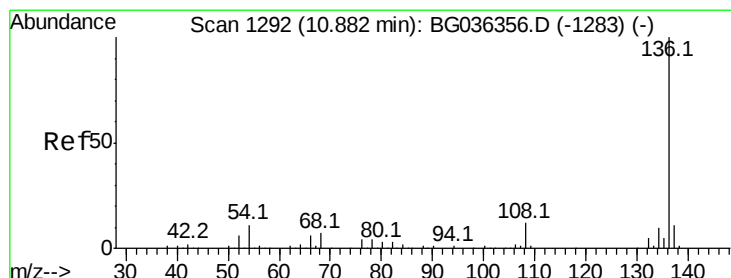
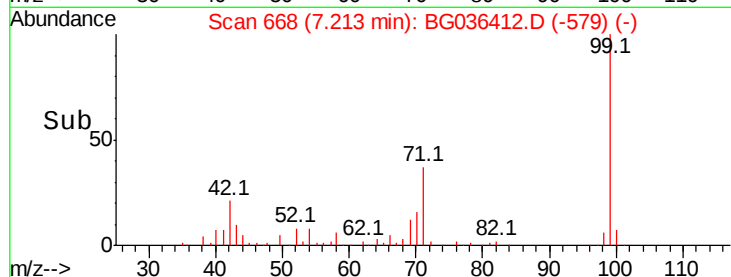
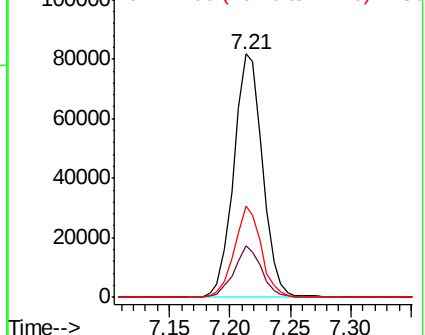
99 100

42 21.0 16.5 24.7

71 37.4 29.4 44.2



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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

Tgt Ion: 136 Resp: 213043

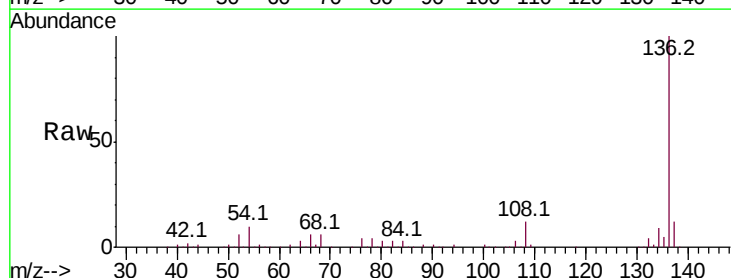
Ion Ratio Lower Upper

136 100

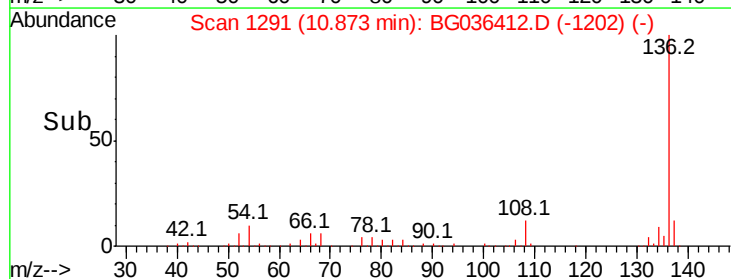
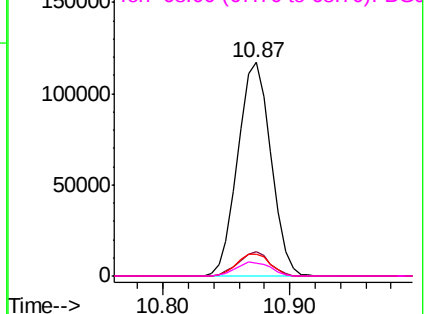
137 11.6 8.8 13.2

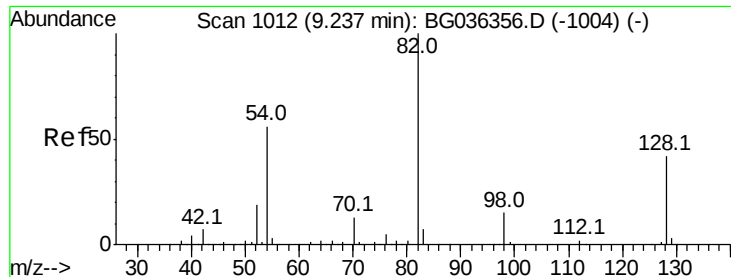
54 10.0 9.2 13.8

68 6.1 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 104.482 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-S

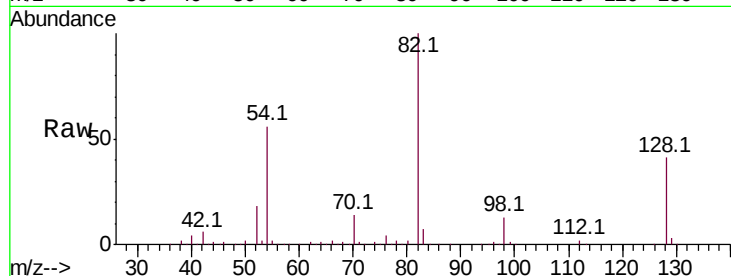
Tot Ion: 82 Resp: 410257

Ion Ratio Lower Upper

82 100

128 41.0 33.3 49.9

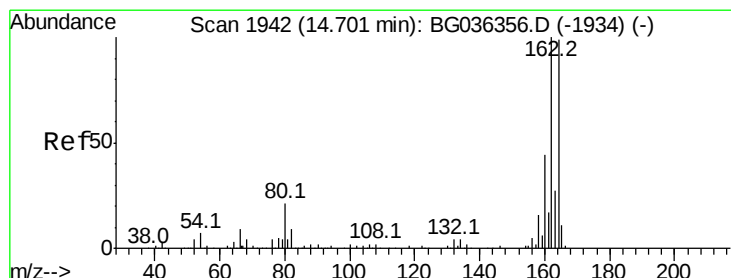
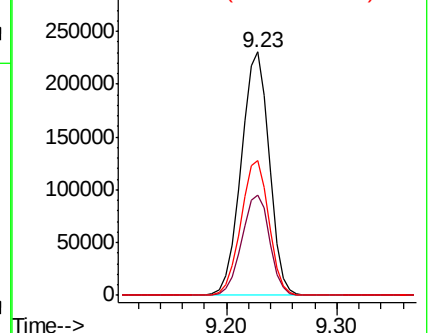
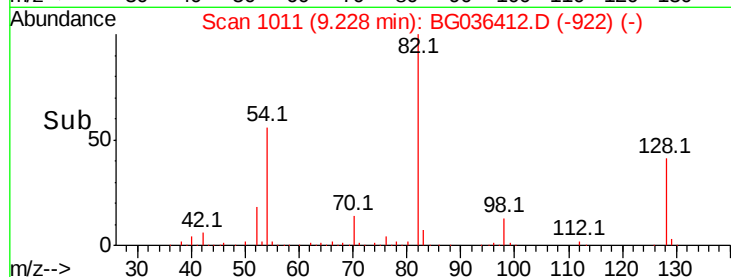
54 55.5 45.1 67.7



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: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

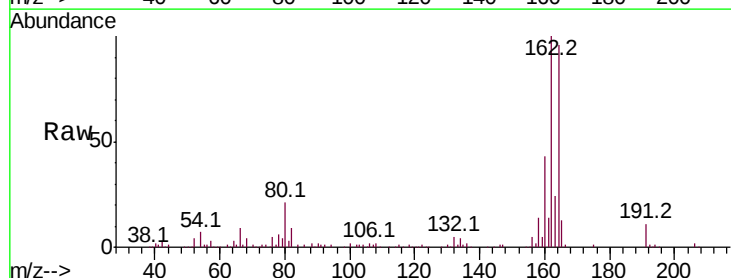
Tgt Ion:164 Resp: 138118

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

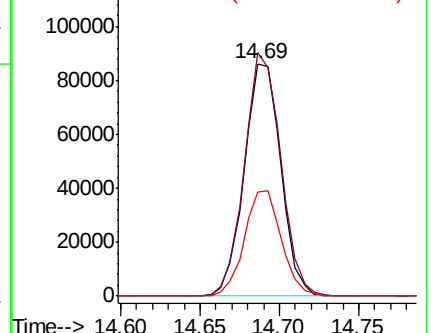
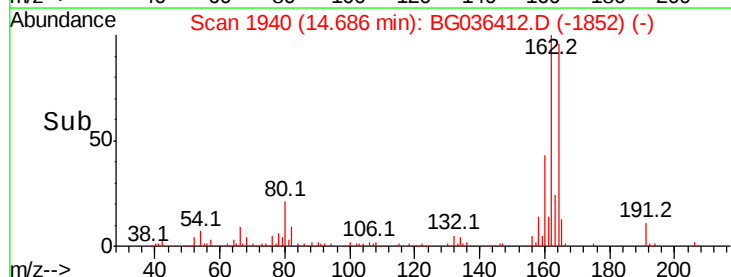
160 44.5 35.3 52.9

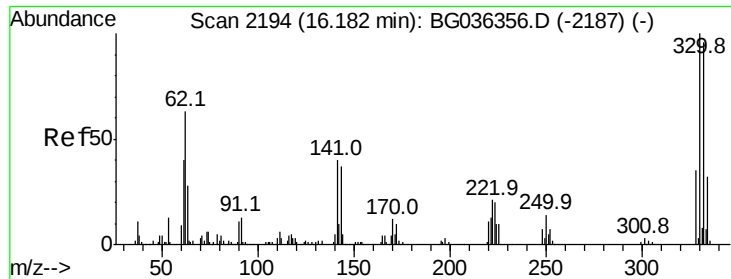


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

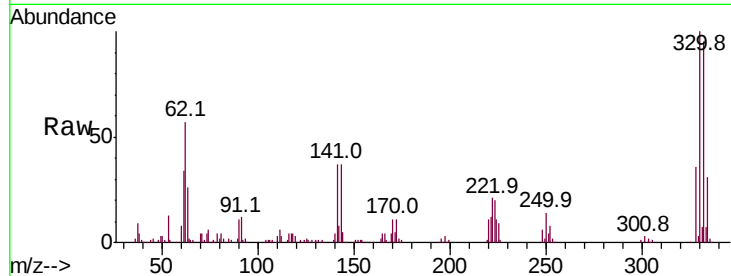




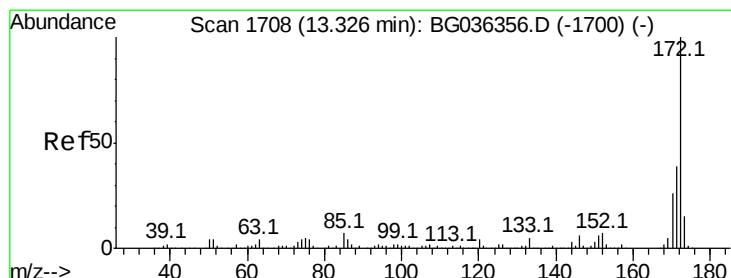
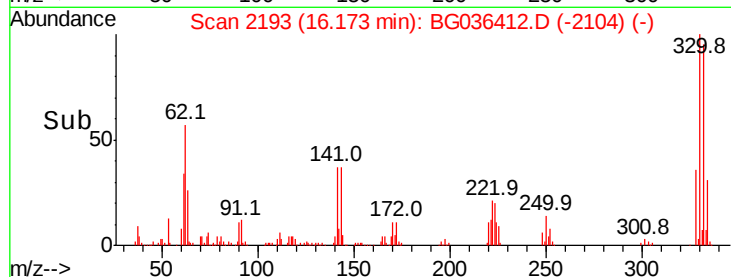
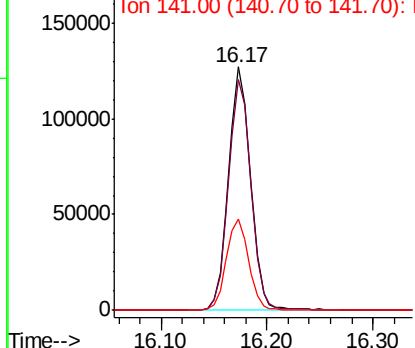
#41
 2,4,6-Tribromophenol
 Concen: 111.259 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036412.D
 Acq: 24 Aug 2018 13:45

Instrument :
 BNA_G
 ClientSampleId :
 081718-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	38.1	30.7	46.1

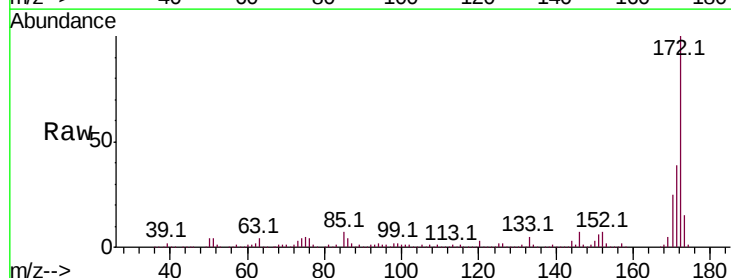


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

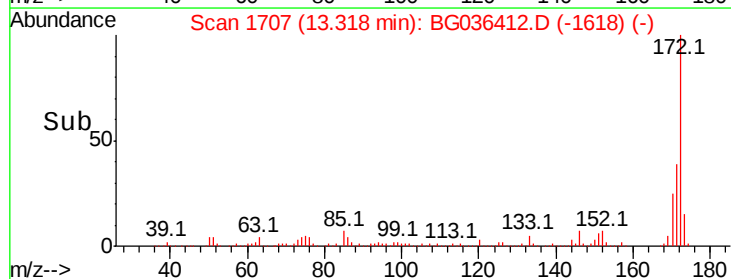
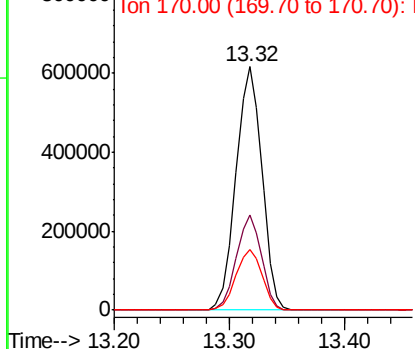


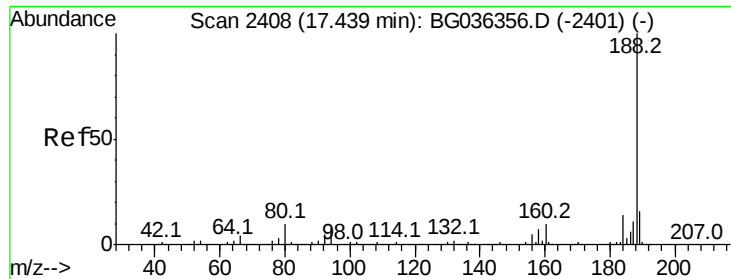
#44
 2-Fluorobiphenyl
 Concen: 98.765 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036412.D
 Acq: 24 Aug 2018 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	24.8	21.0	31.6



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

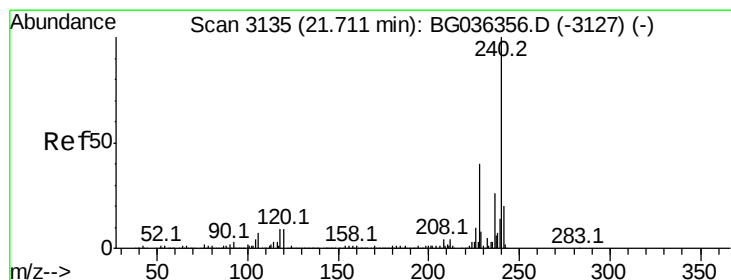
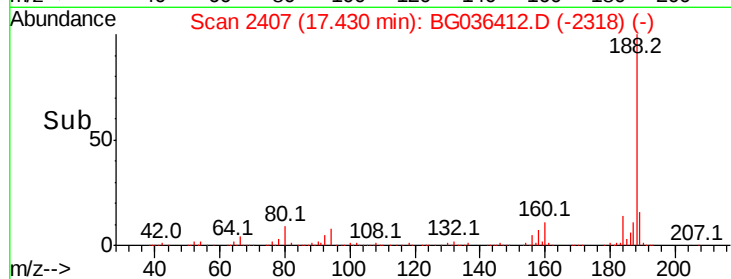
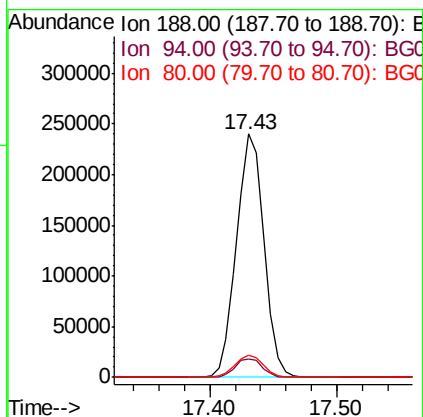
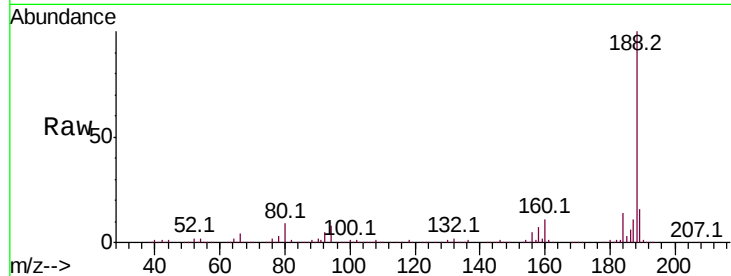




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036412.D
Acq: 24 Aug 2018 13:45

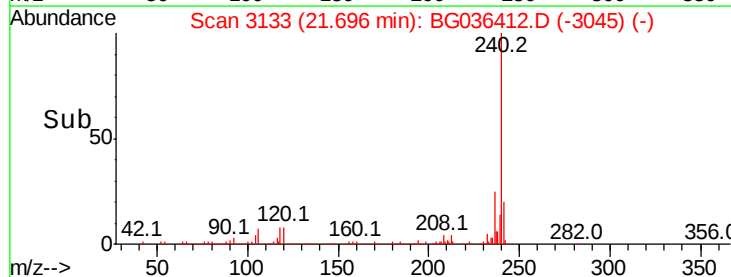
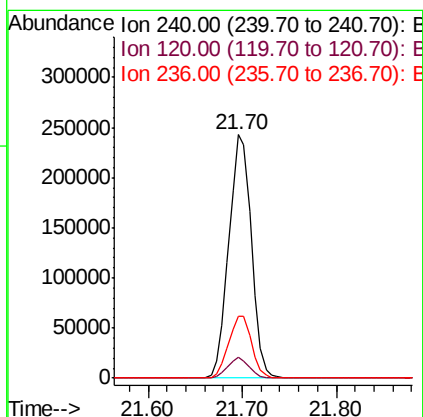
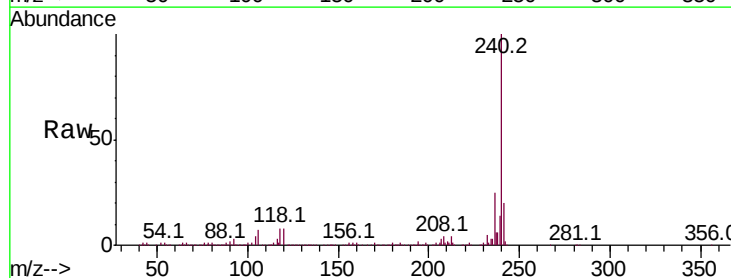
Instrument :
BNA_G
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081718-DBRI-E-U-S

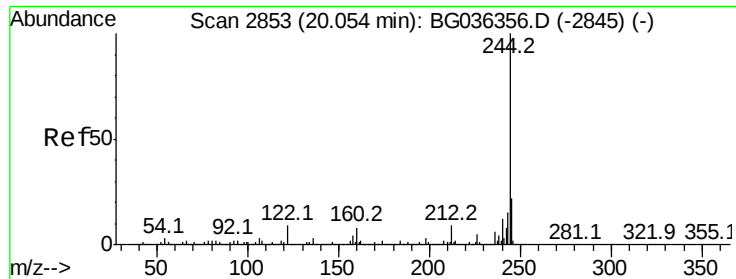
Tot Ion:188 Resp: 359720
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036412.D
Acq: 24 Aug 2018 13:45

Tgt Ion:240 Resp: 404679
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.4 21.2 31.8





#78

Terphenyl-d14

Concen: 88.926 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

Instrument :

BNA_G

ClientSampleId :

081718-DBRI-E-U-S

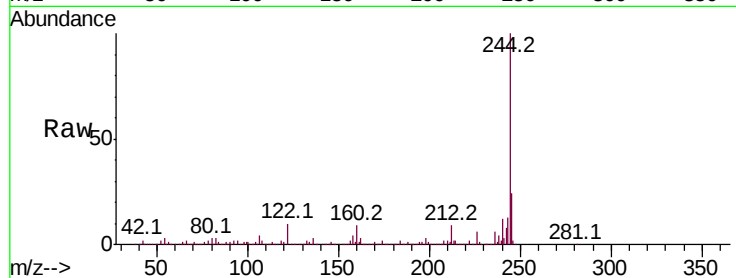
Tot Ion:244 Resp: 1539627

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.7	7.1	10.7

244 100

212 9.1 7.0 10.6

122 9.7 7.1 10.7

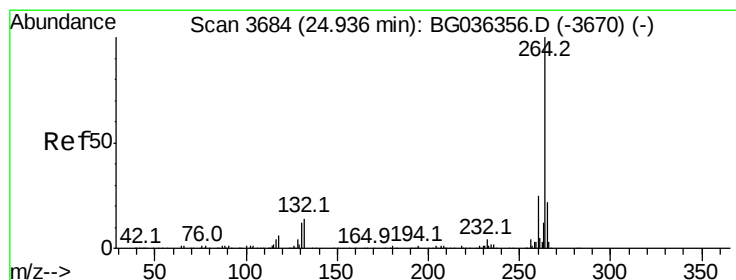
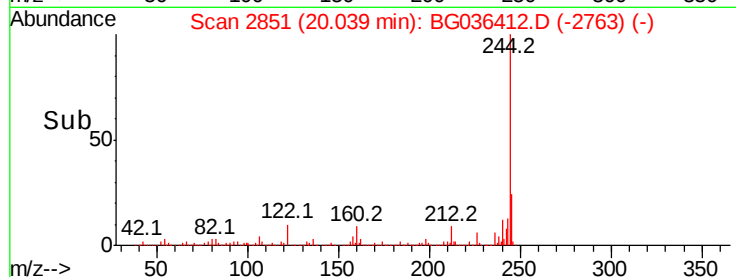
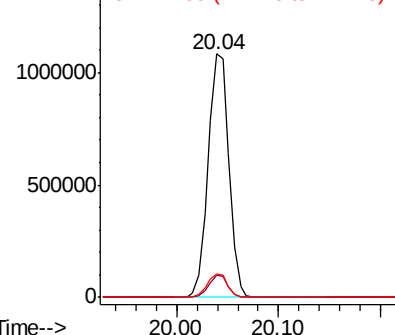


Abundance

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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036412.D

Acq: 24 Aug 2018 13:45

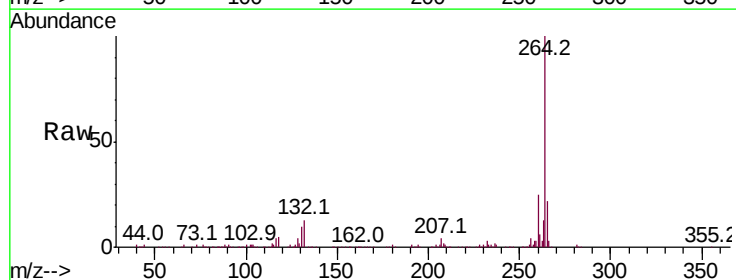
Tgt Ion:264 Resp: 410342

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.1	17.4	26.0

264 100

260 24.6 19.6 29.4

265 22.1 17.4 26.0



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

