

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036458.D
 Acq On : 28 Aug 2018 9:54
 Operator : JU/SJ
 Sample : J4660-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 082318-DBRI-F-U-S

Quant Time: Aug 28 11:49:24 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

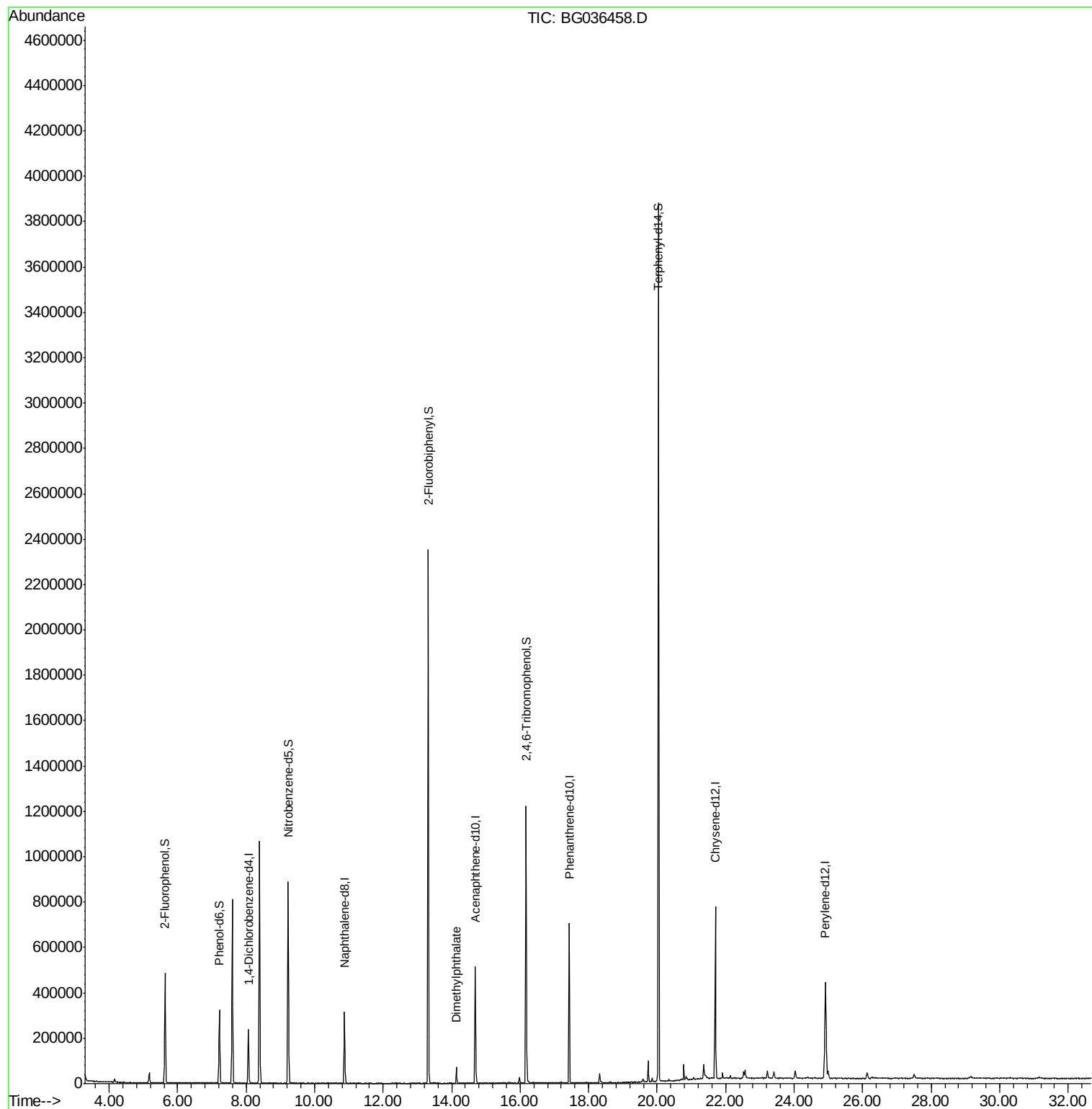
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68079	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	274141	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	170573	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	433541	20.00	ng	0.00
75) Chrysene-d12	21.70	240	459636	20.00	ng	-0.01
86) Perylene-d12	24.91	264	466553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	213041	49.64	ng	0.00
7) Phenol-d6	7.22	99	183520	29.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	529588	104.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	226337	111.20	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1223300	102.40	ng	-0.01
78) Terphenyl-d14	20.04	244	1785156	90.78	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	45156	3.242	ng	99

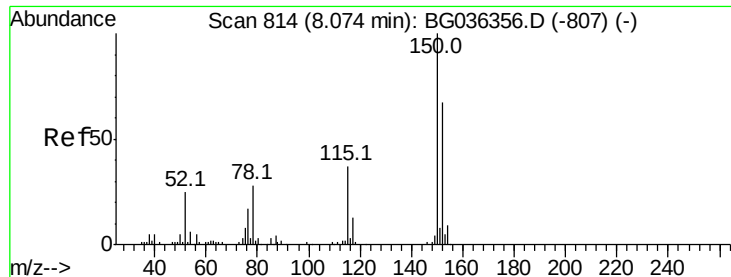
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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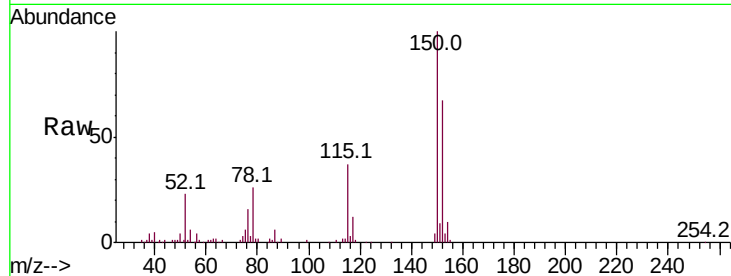


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_G
ClientSampleId :
082318-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	54.4	44.5	66.7

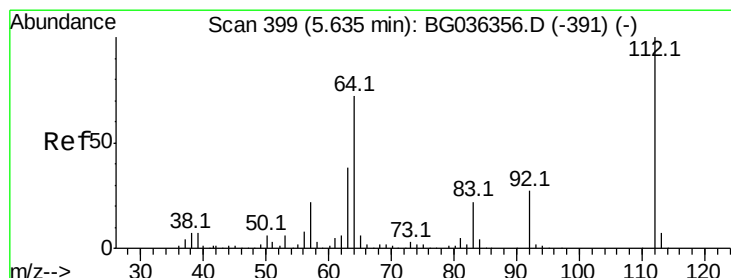
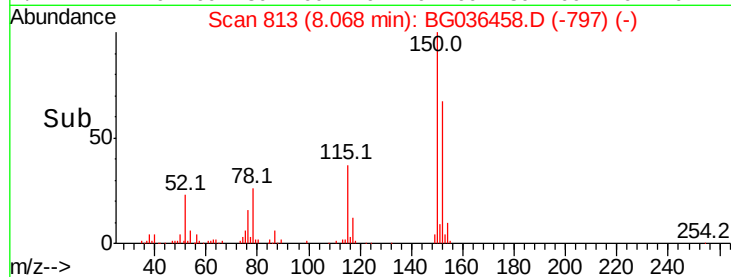
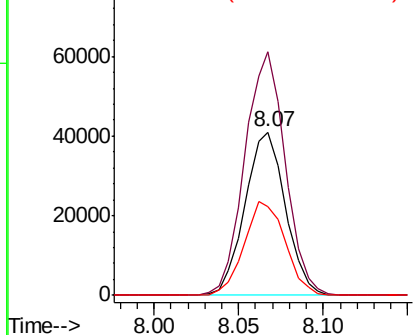


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

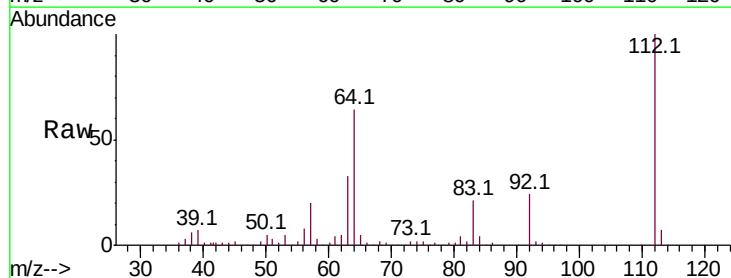
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.640 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	57.2	85.8
63	32.8	30.8	46.2

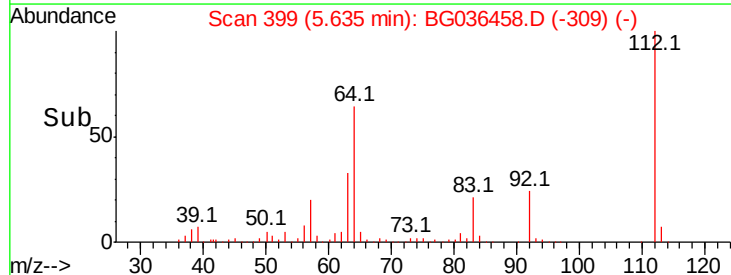
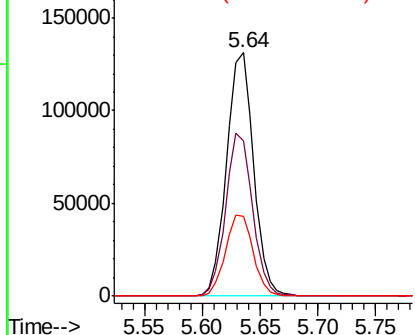


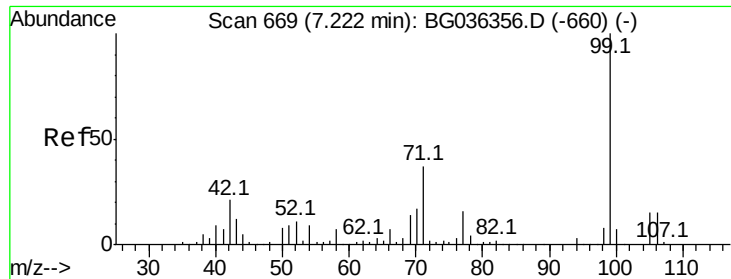
Abundance

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: 29.867 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Instrument :

BNA_G

ClientSampleId :

082318-DBRI-F-U-S

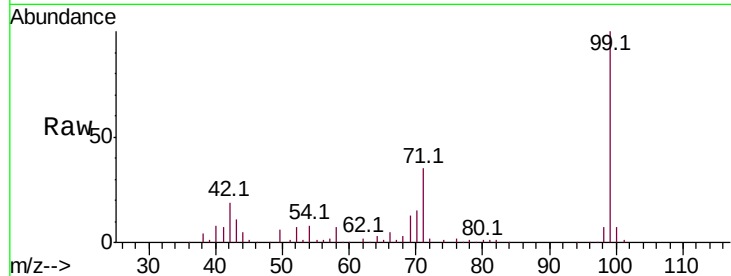
Tot Ion: 99 Resp: 183520

Ion Ratio Lower Upper

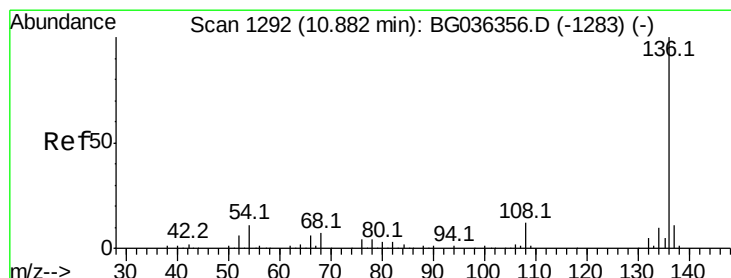
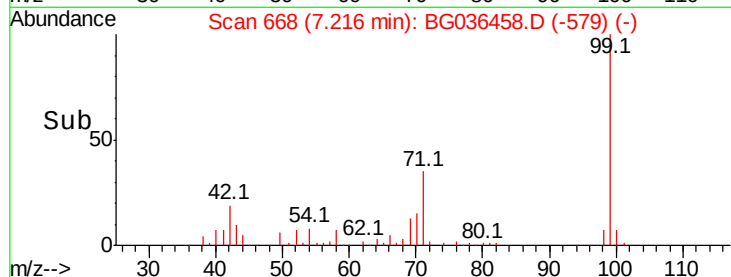
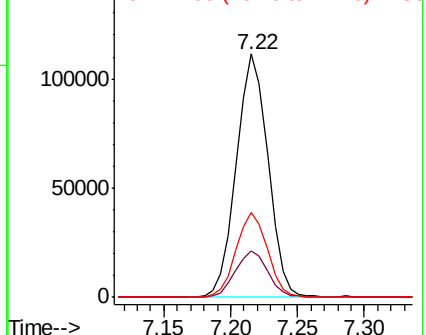
99 100

42 19.1 16.5 24.7

71 35.0 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# 1290

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Tgt Ion: 136 Resp: 274141

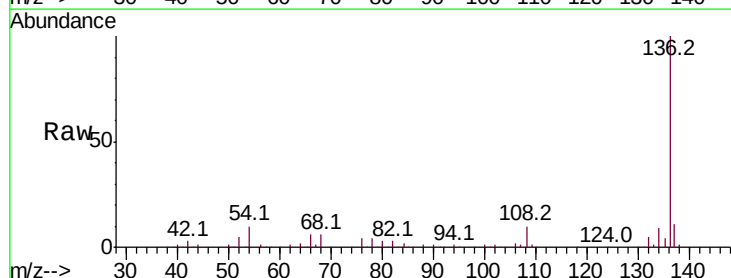
Ion Ratio Lower Upper

136 100

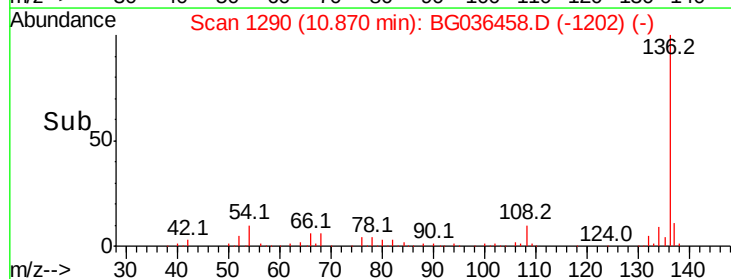
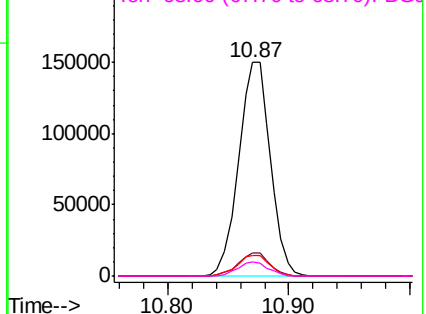
137 11.0 8.8 13.2

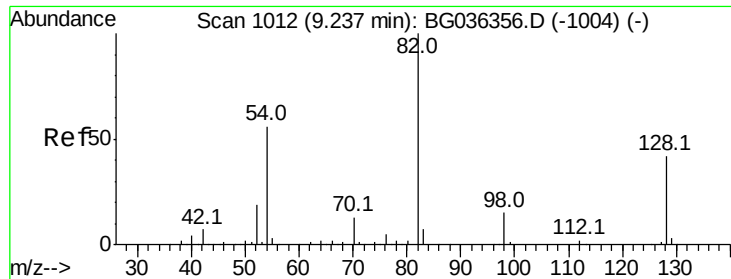
54 9.9 9.2 13.8

68 6.3 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

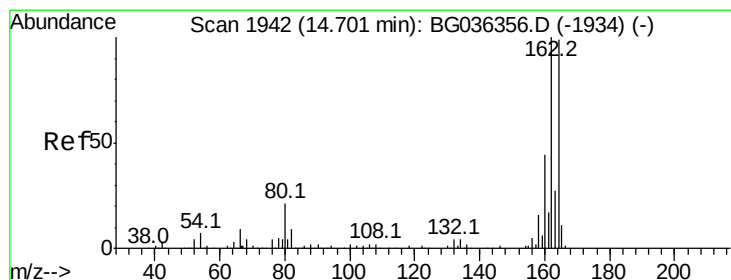
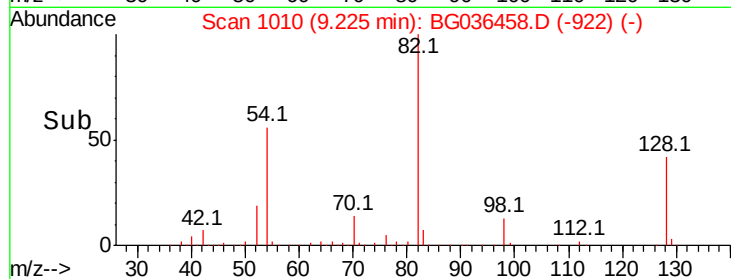
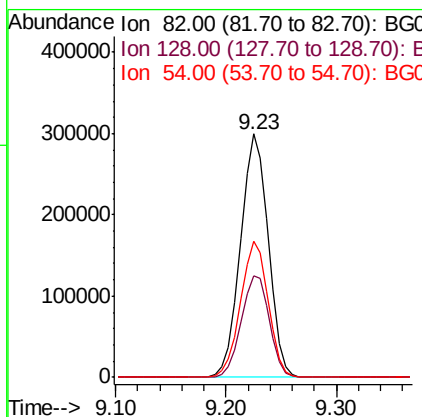
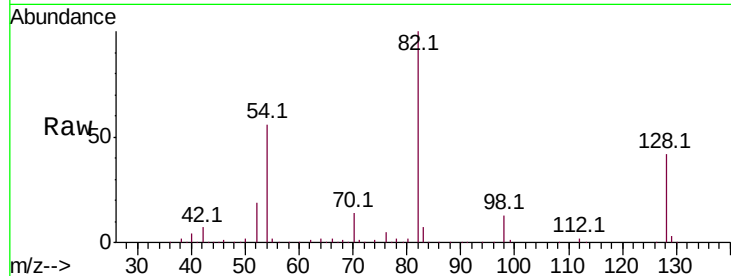




#23
Nitrobenzene-d5
Concen: 104.814 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

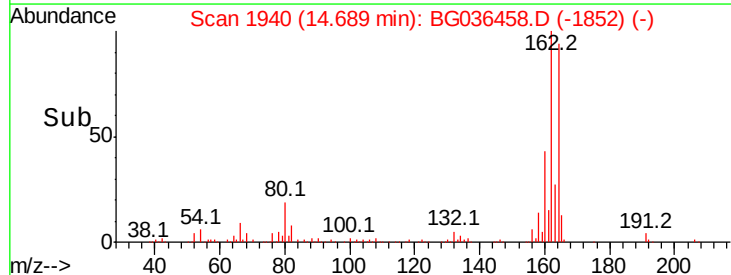
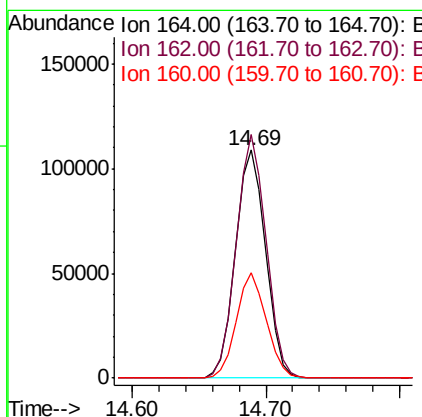
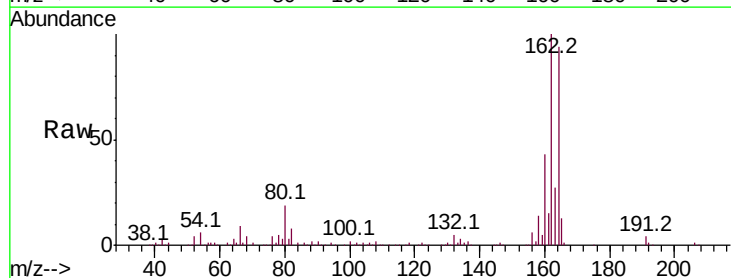
Instrument :
BNA_G
ClientSampleId :
082318-DBRI-F-U-S

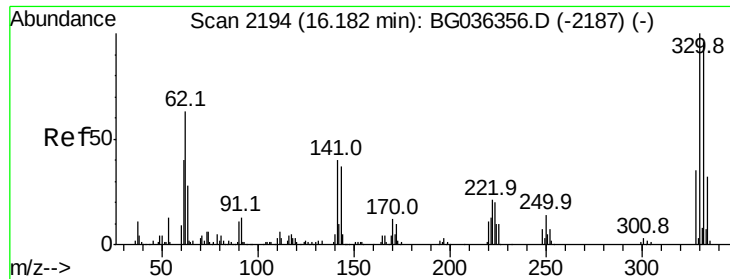
Tot Ion	82	Resp	529588
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	55.9	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion	164	Resp	170573
Ion	Ratio	Lower	Upper
164	100		
162	106.7	80.7	121.1
160	46.0	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 111.205 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Instrument :

BNA_G

ClientSampleId :

082318-DBRI-F-U-S

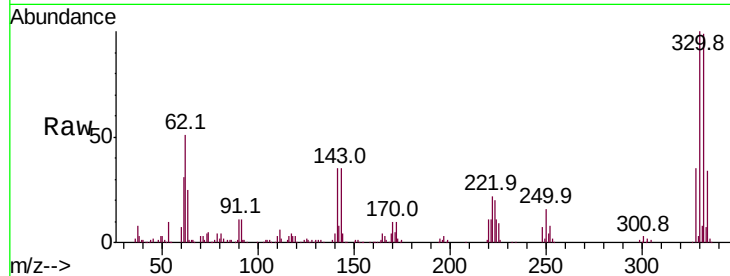
Tot Ion:330 Resp: 226337

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

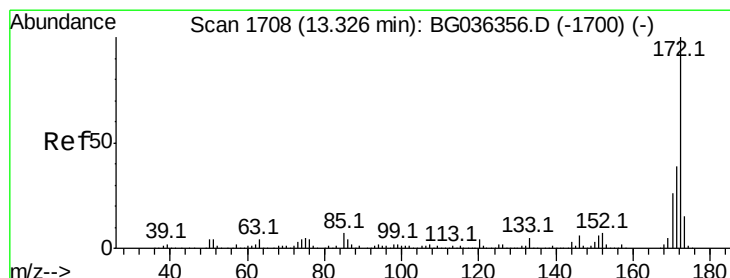
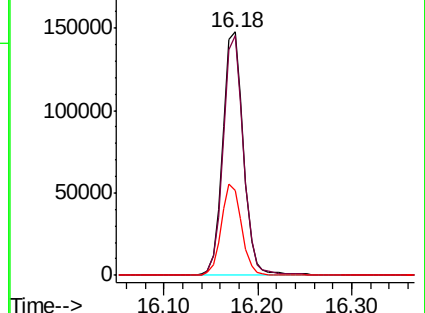
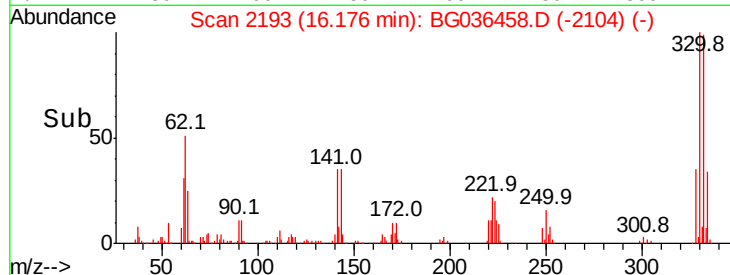
141 37.0 30.7 46.1



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: 102.399 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

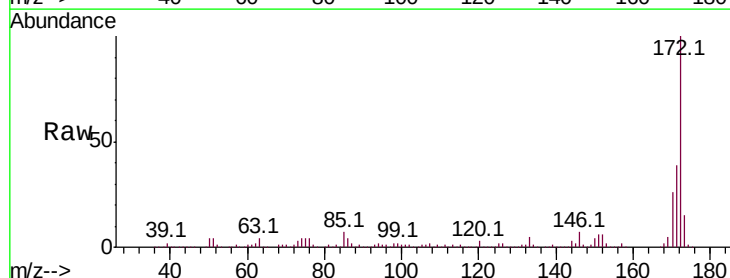
Tgt Ion:172 Resp: 1223300

Ion Ratio Lower Upper

172 100

171 38.9 31.3 46.9

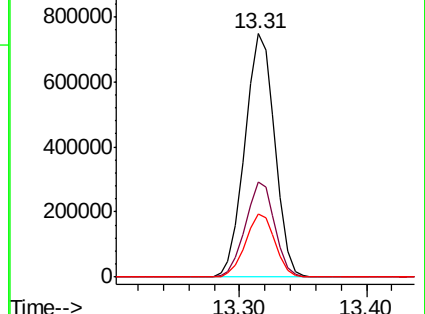
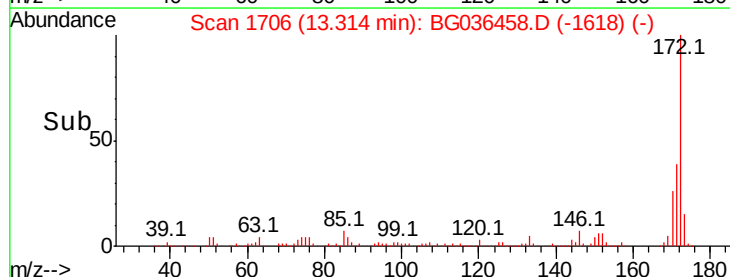
170 26.1 21.0 31.6

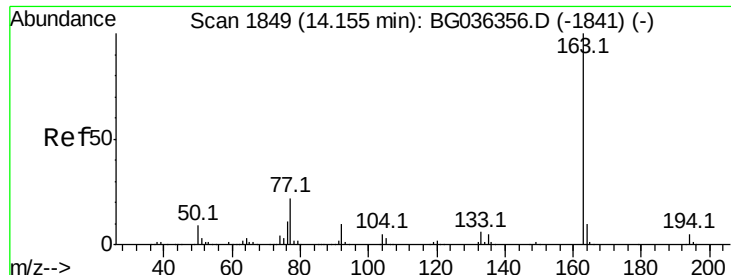


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.242 ng

RT: 14.14 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Instrument :

BNA_G

ClientSampleId :

082318-DBRI-F-U-S

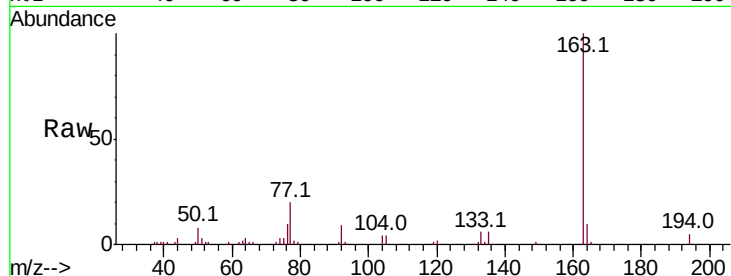
Tot Ion:163 Resp: 45156

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

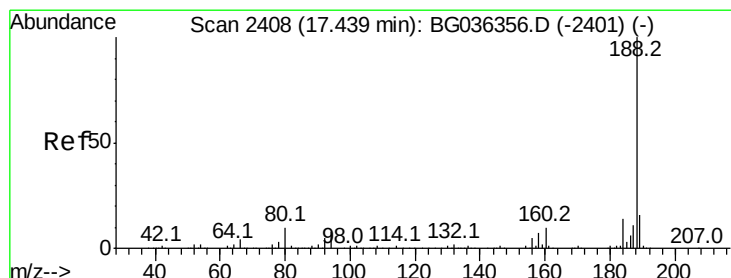
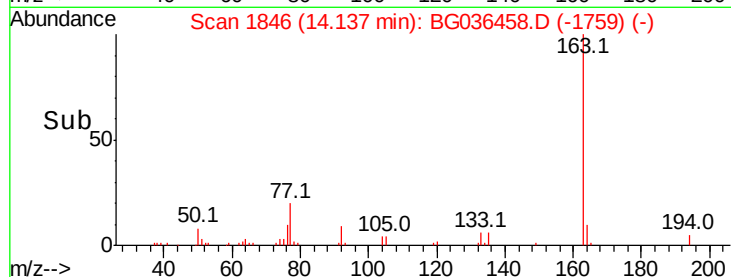
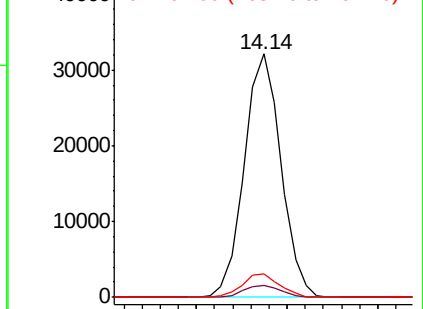
164 9.8 8.1 12.1



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

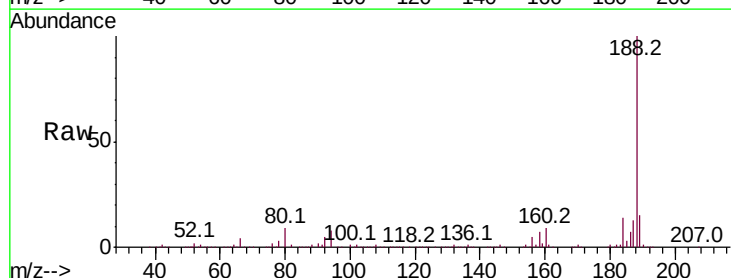
Tgt Ion:188 Resp: 433541

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

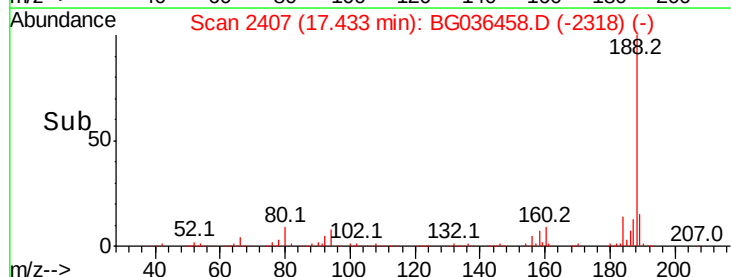
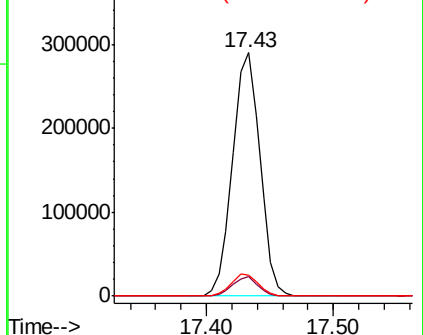
80 8.7 8.1 12.1

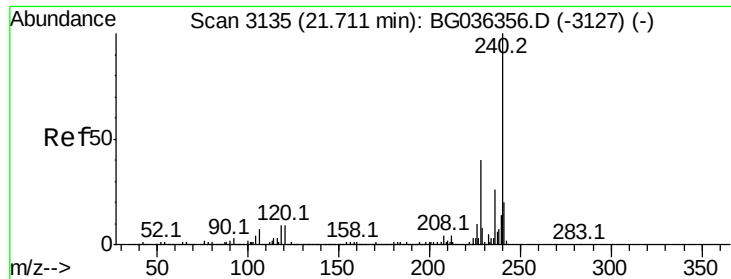


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Instrument :

BNA_G

ClientSampleId :

082318-DBRI-F-U-S

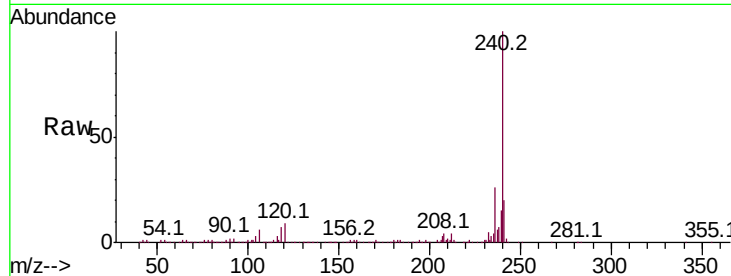
Tot Ion:240 Resp: 459636

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

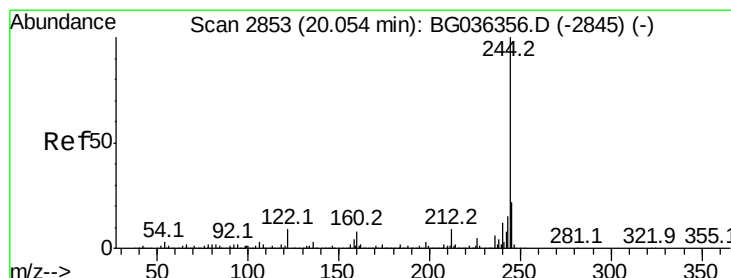
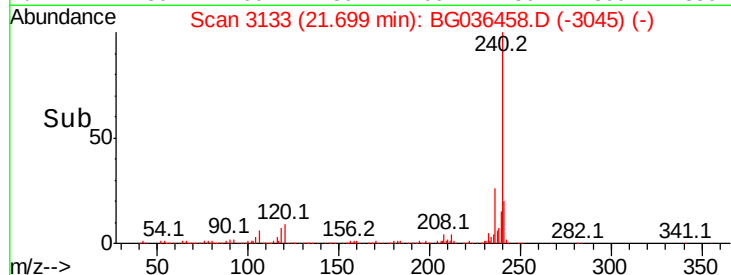
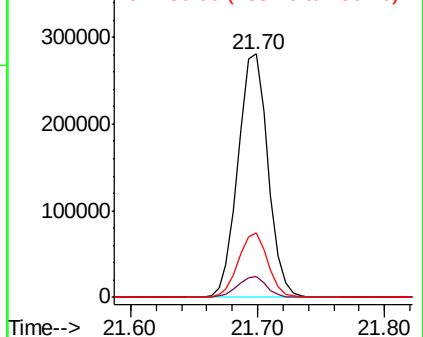
236 26.3 21.2 31.8



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: 90.779 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

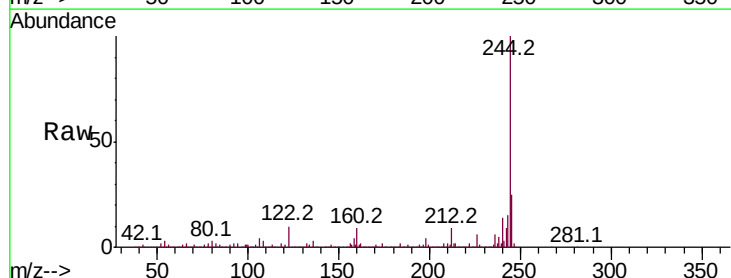
Tgt Ion:244 Resp: 1785156

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

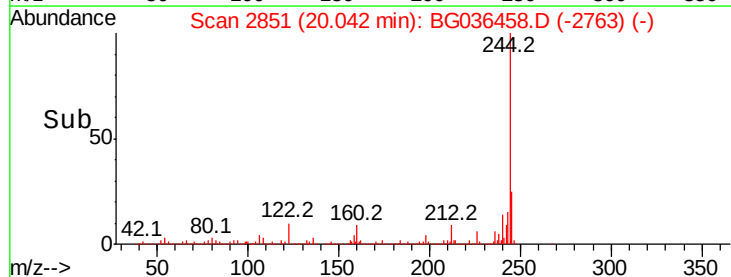
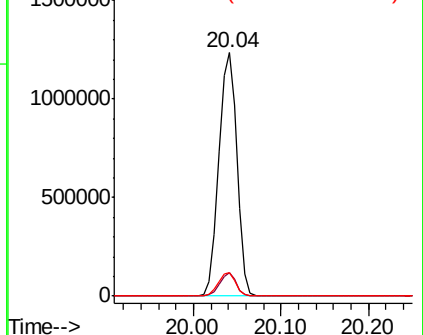
122 9.6 7.1 10.7

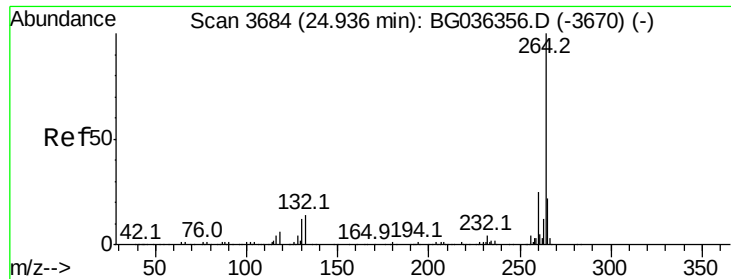


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_G
ClientSampleId :
082318-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.0	17.4	26.0

