

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036551.D
 Acq On : 5 Sep 2018 4:54
 Operator : JU/SJ
 Sample : J4759-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 083018-DBRI-F-U-S

Quant Time: Sep 05 07:07:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

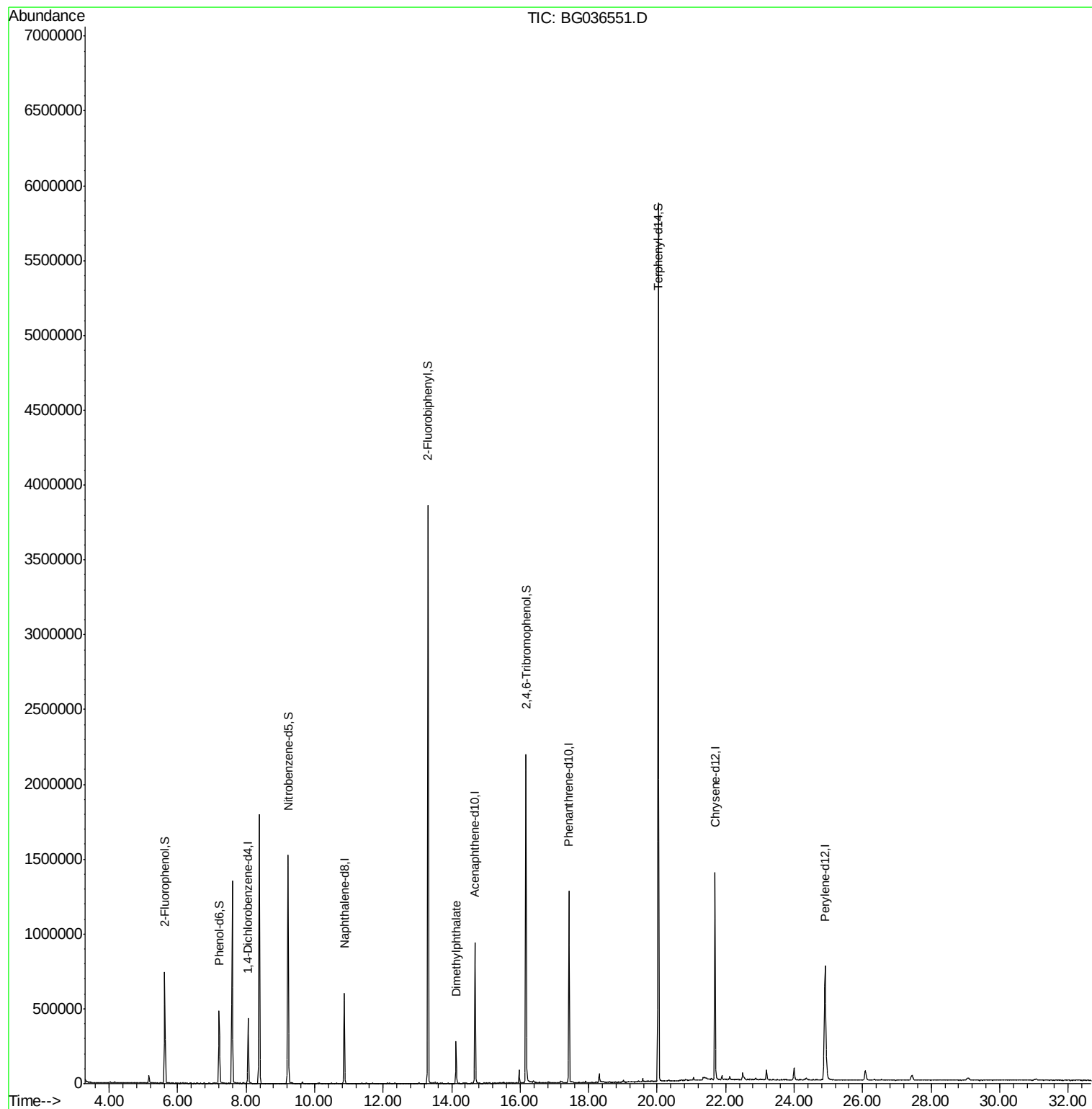
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	123490	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	507132	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	324176	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	807134	20.00	ng	0.00
75) Chrysene-d12	21.69	240	857633	20.00	ng	0.00
86) Perylene-d12	24.90	264	875007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	327534	42.07	ng	0.00
7) Phenol-d6	7.21	99	281794	25.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	936410	100.18	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	422709	109.28	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1961828	86.41	ng	0.00
78) Terphenyl-d14	20.04	244	2580376	70.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	190888	7.211	ng	Qvalue 100

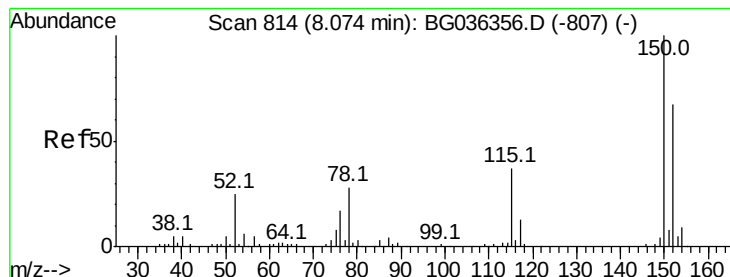
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

083018-DBRI-F-U-S

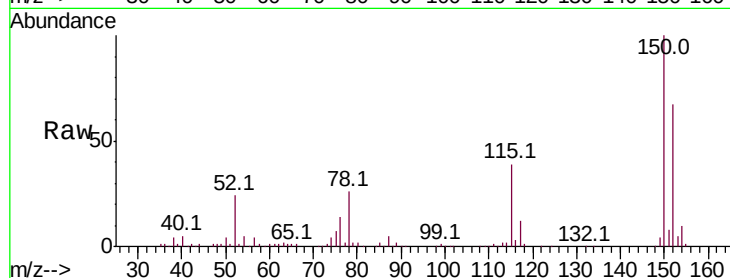
Tot Ion:152 Resp: 123490

Ion Ratio Lower Upper

152 100

150 148.4 119.5 179.3

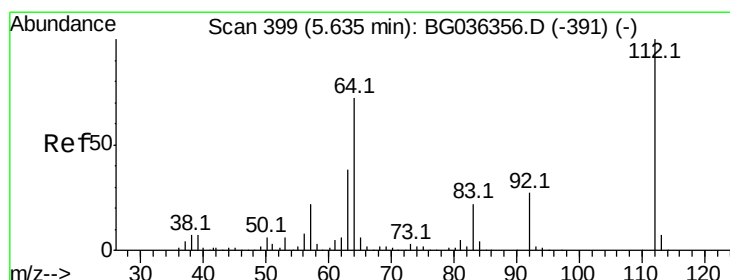
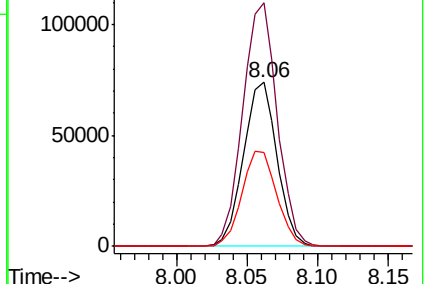
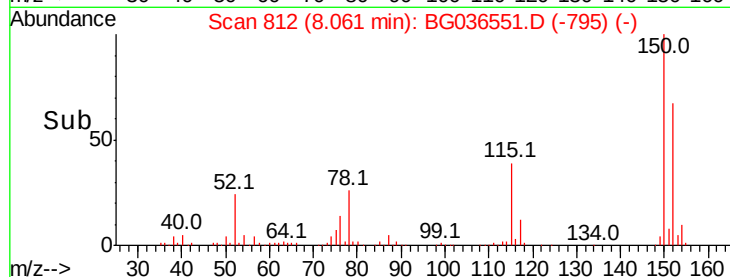
115 57.5 44.5 66.7



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: 42.073 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

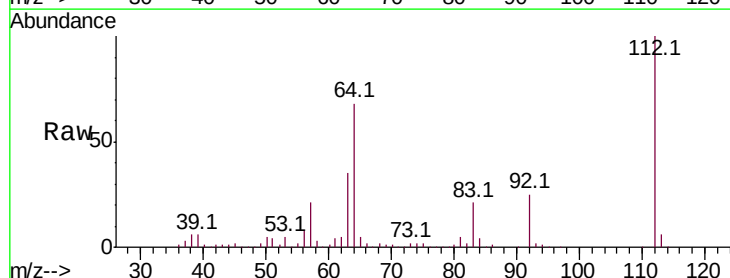
Tgt Ion:112 Resp: 327534

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

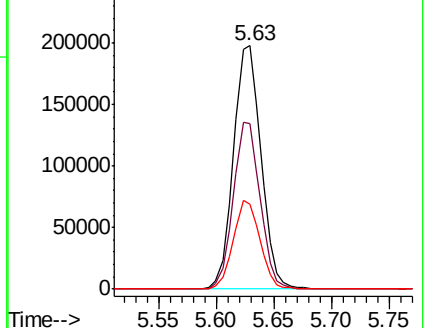
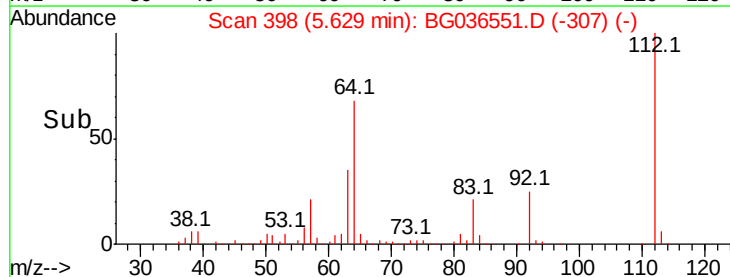
63 34.9 30.8 46.2

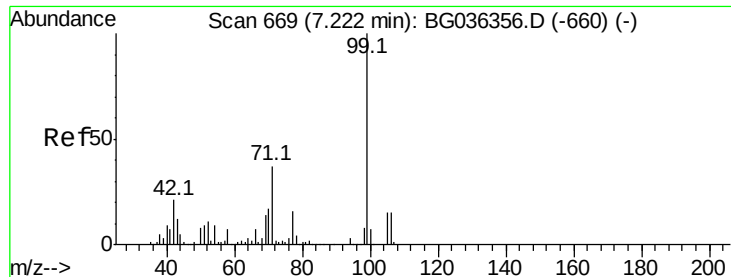


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.282 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

Instrument :

BNA_G

ClientSampleId :

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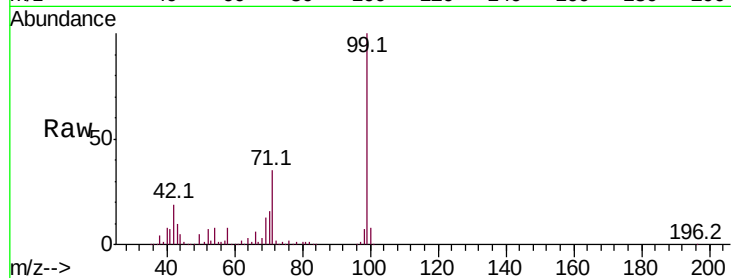
Tot Ion: 99 Resp: 281794

Ion Ratio Lower Upper

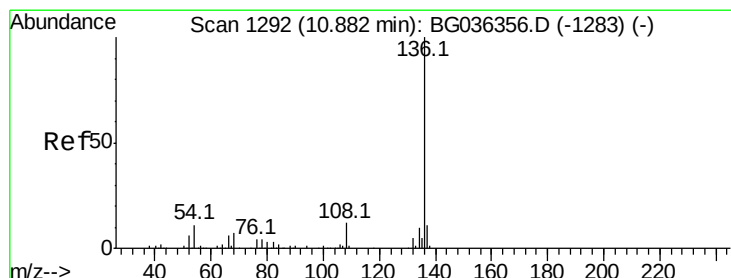
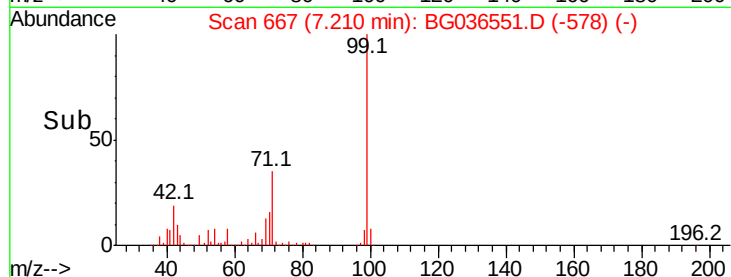
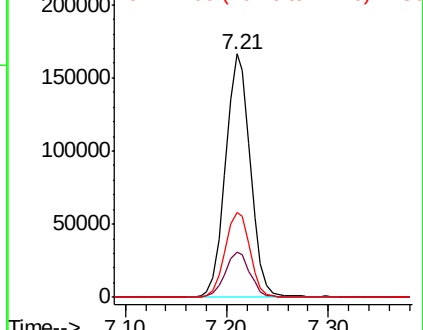
99 100

42 18.5 16.5 24.7

71 34.8 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

Tgt Ion: 136 Resp: 507132

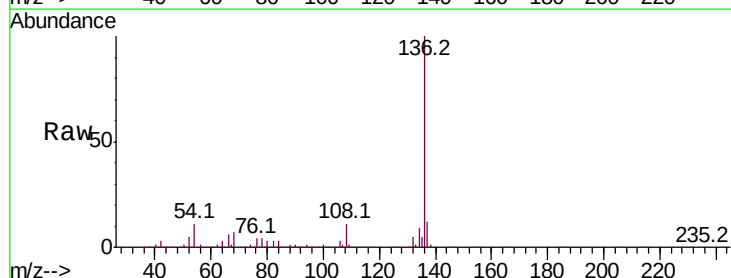
Ion Ratio Lower Upper

136 100

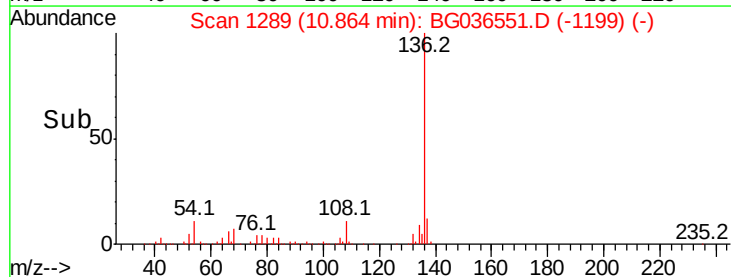
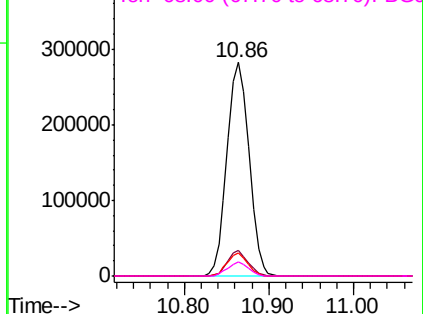
137 11.8 8.8 13.2

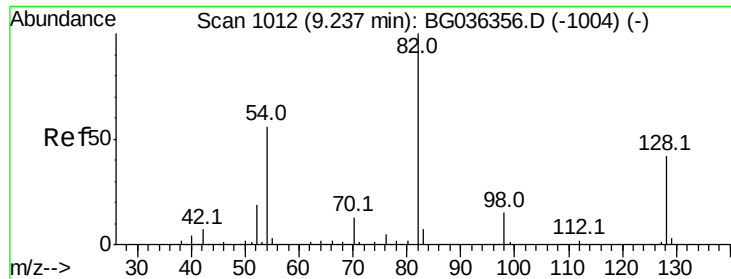
54 10.6 9.2 13.8

68 6.5 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

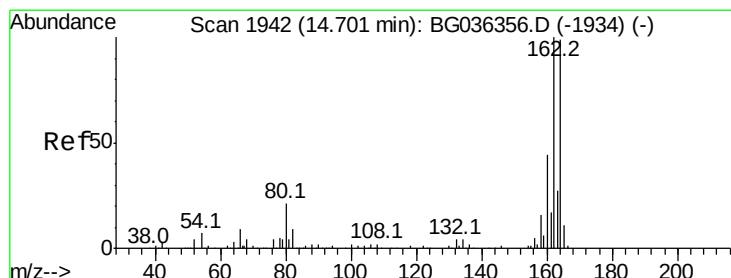
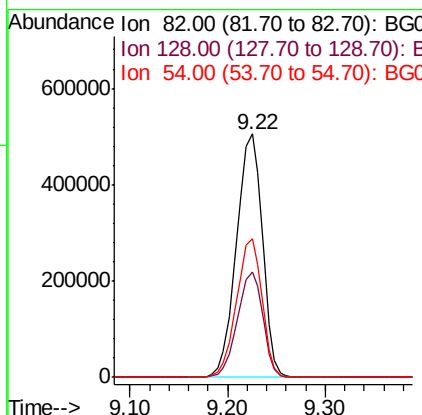
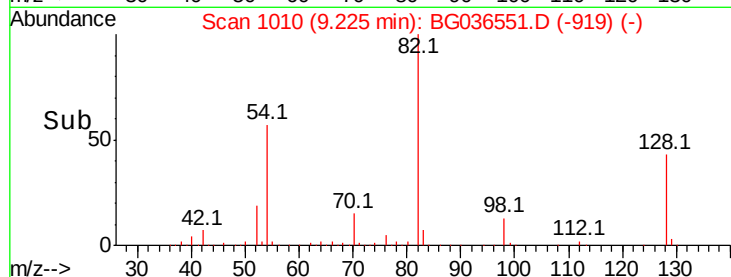
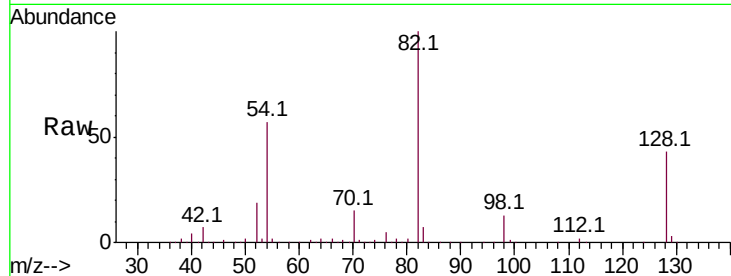




#23
 Nitrobenzene-d5
 Concen: 100.184 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036551.D
 Acq: 5 Sep 2018 4:54

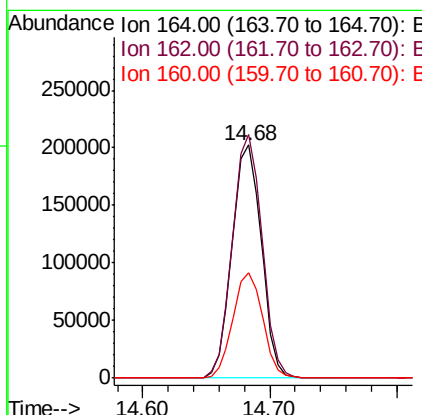
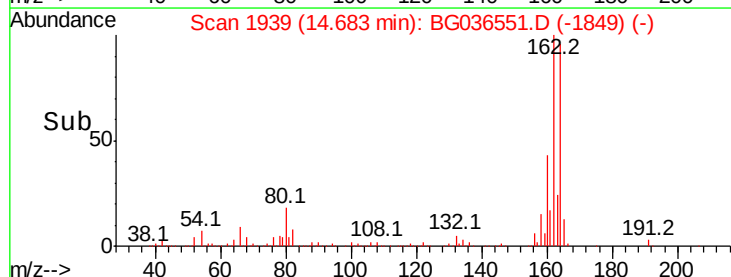
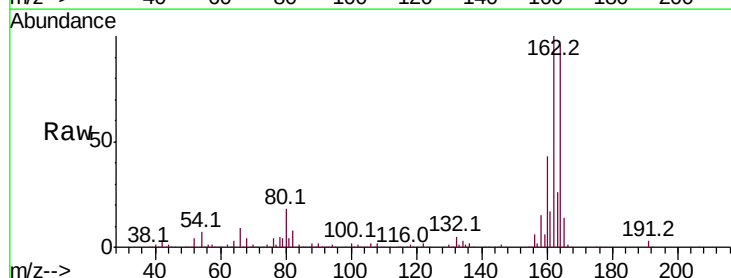
Instrument :
 BNA_G
 ClientSampleId :
 083018-DBRI-F-U-S

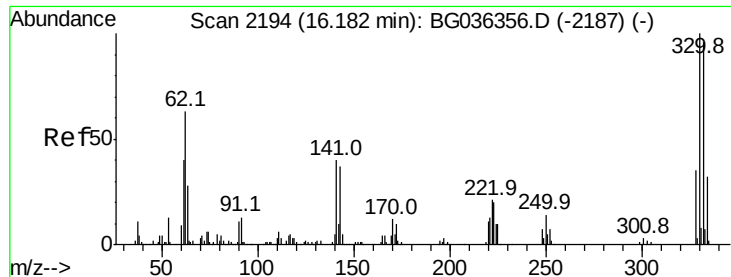
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.3	49.9
54	56.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036551.D
 Acq: 5 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.7	121.1
160	44.9	35.3	52.9

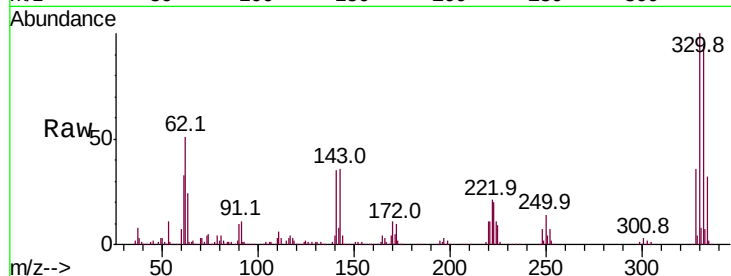




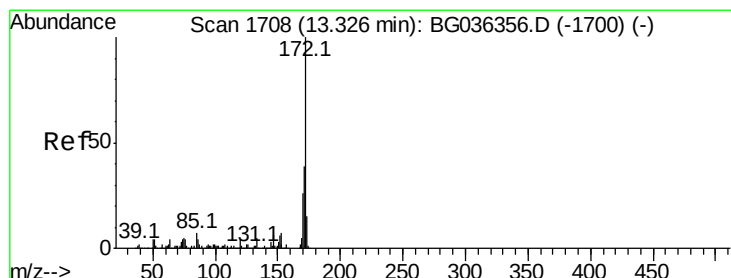
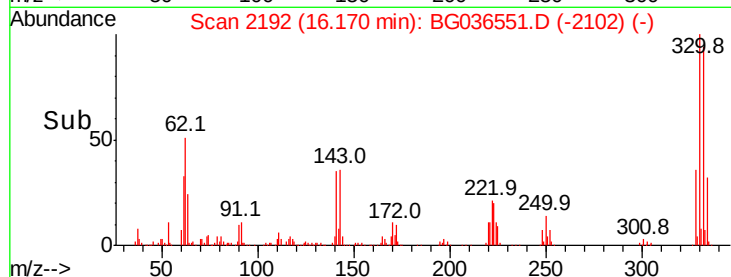
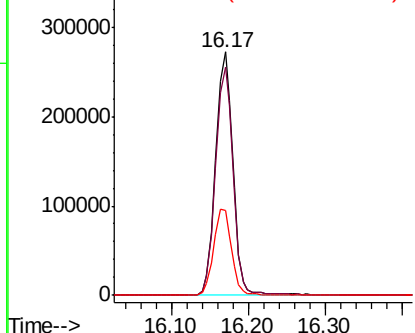
#41
 2,4,6-Tribromophenol
 Concen: 109.280 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036551.D
 Acq: 5 Sep 2018 4:54

Instrument :
 BNA_G
 ClientSampleId :
 083018-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	36.4	30.7	46.1

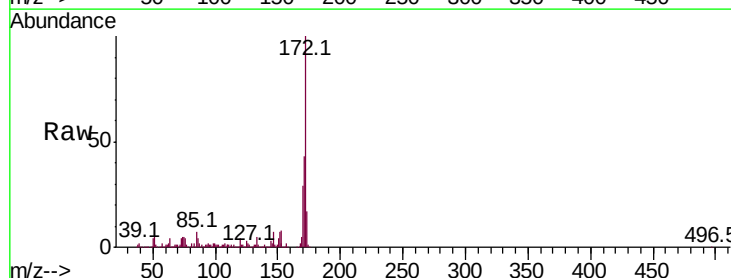


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

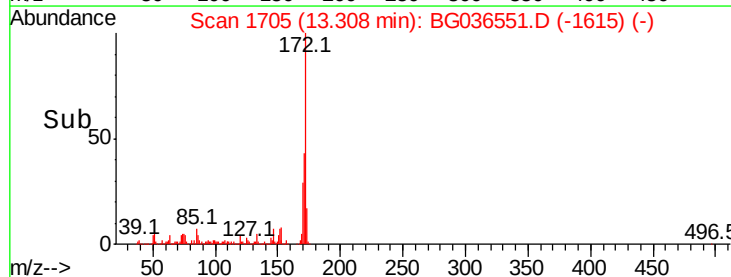
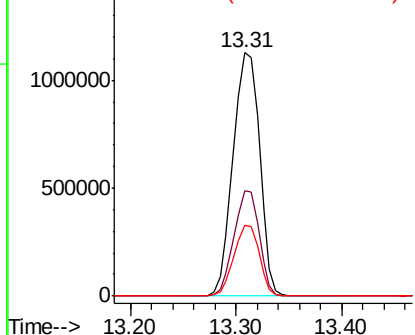


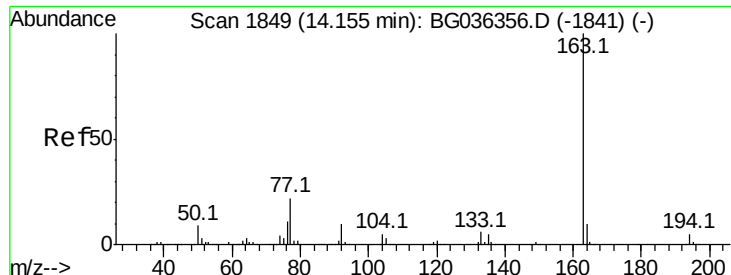
#44
 2-Fluorobiphenyl
 Concen: 86.408 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036551.D
 Acq: 5 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.3	31.3	46.9
170	29.0	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: 7.211 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

Instrument :

BNA_G

ClientSampleId :

083018-DBRI-F-U-S

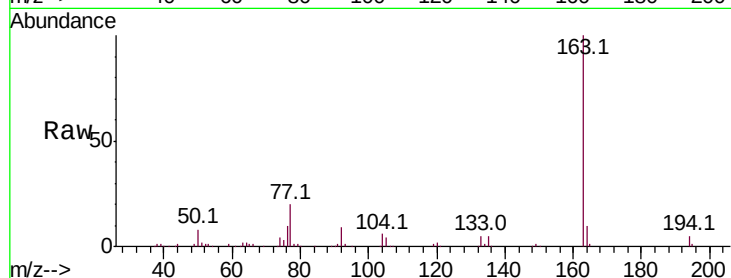
Tot Ion:163 Resp: 190888

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

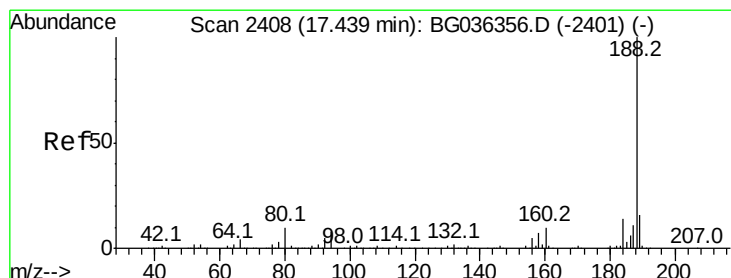
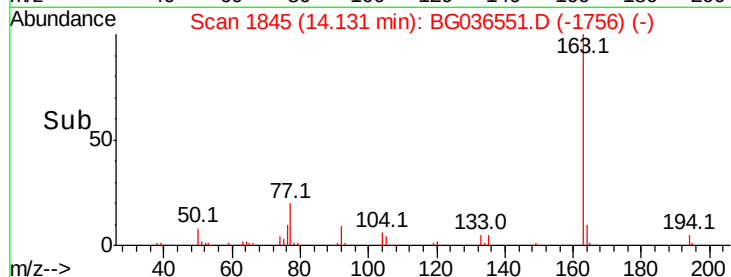
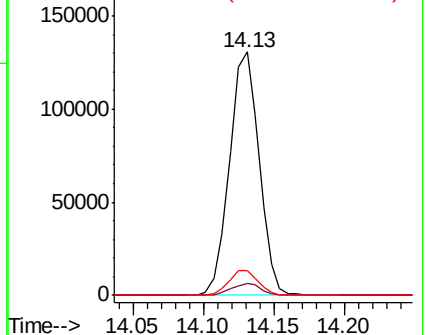
164 10.1 8.1 12.1



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# 2406

Delta R.T. -0.00 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

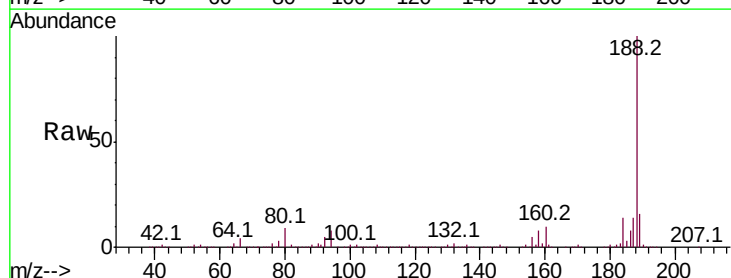
Tgt Ion:188 Resp: 807134

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

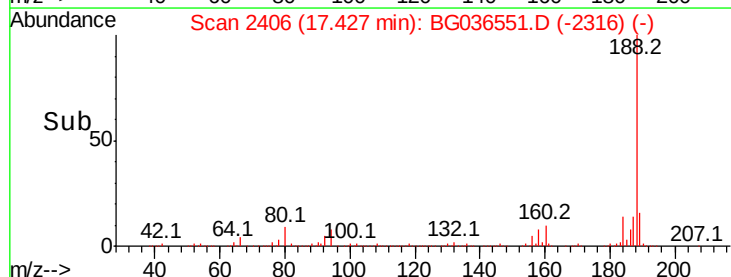
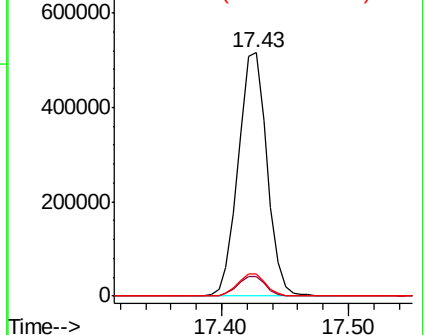
80 9.0 8.1 12.1

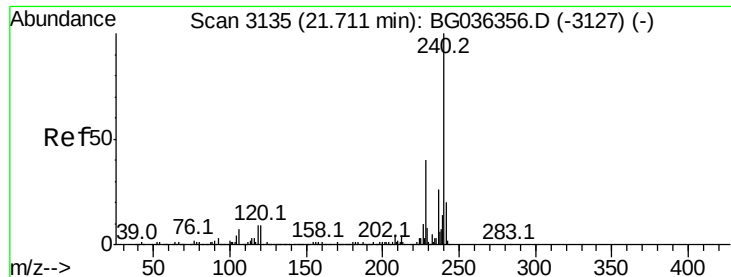


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

Instrument :

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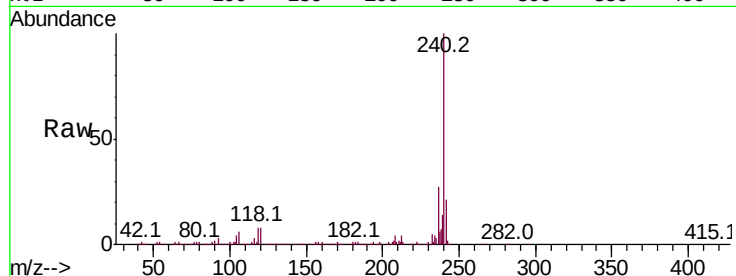
Tot Ion:240 Resp: 857633

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

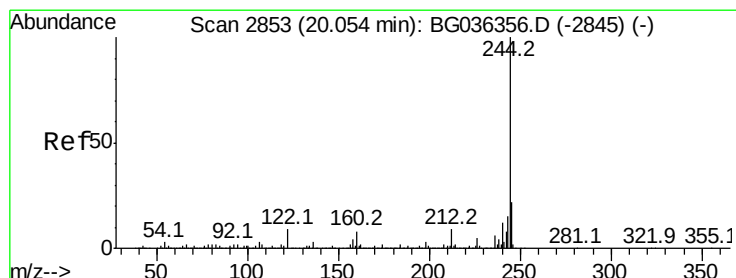
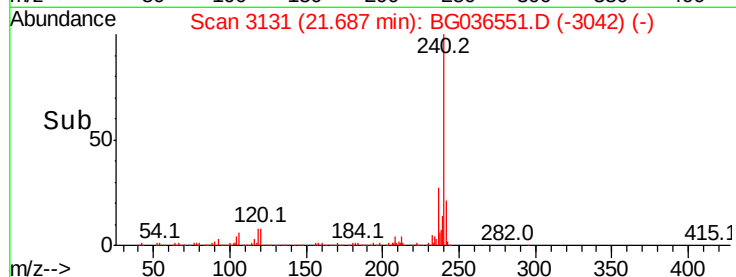
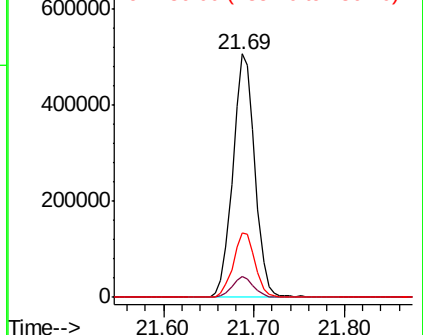
236 26.6 21.2 31.8



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: 70.324 ng

RT: 20.04 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036551.D

Acq: 5 Sep 2018 4:54

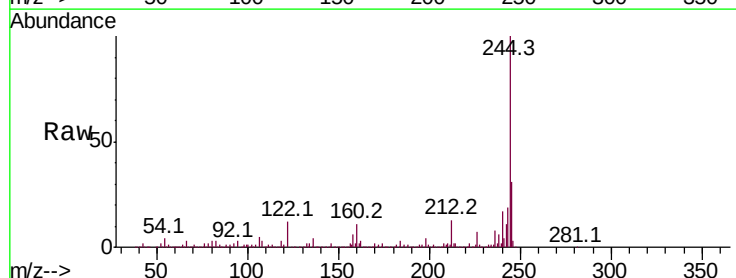
Tgt Ion:244 Resp: 2580376

Ion Ratio Lower Upper

244 100

212 12.6 7.0 10.6#

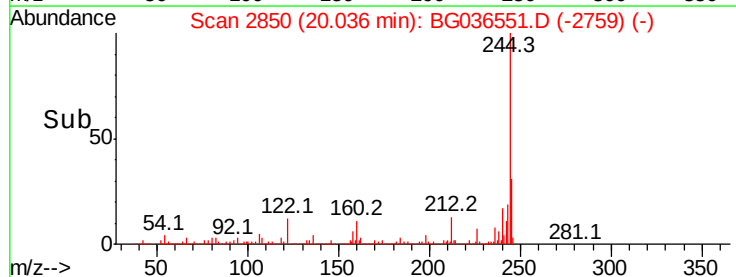
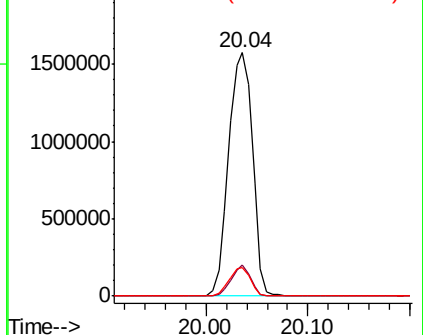
122 11.7 7.1 10.7#

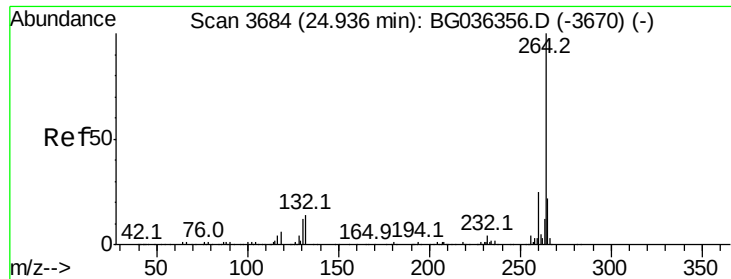


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036551.D
Acq: 5 Sep 2018 4:54

Instrument :
BNA_G
ClientSampleId :
083018-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.3	17.4	26.0

