

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037324.D
 Acq On : 13 Oct 2018 13:16
 Operator : JU/SJ
 Sample : J5383-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-DBRI-F-U-B

Quant Time: Oct 15 02:44:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

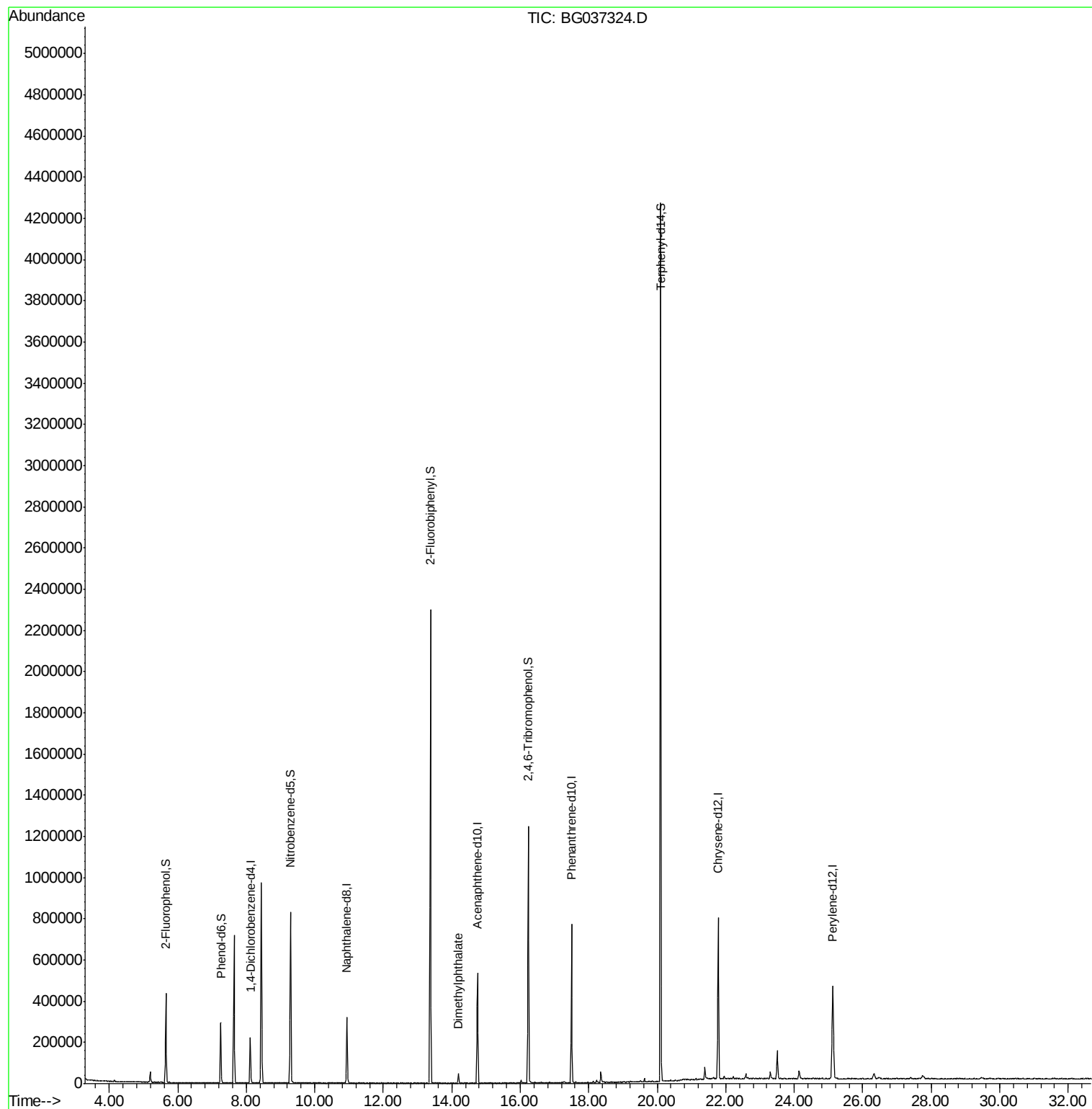
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	66041	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	287221	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	194265	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	490295	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	461445	20.00	ng	-0.02
87) Perylene-d12	25.12	264	466808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	195981	52.23	ng	0.00
7) Phenol-d6	7.25	99	184443	32.38	ng	0.00
23) Nitrobenzene-d5	9.29	82	510036	116.75	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	224345	117.75	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1238983	95.78	ng	0.00
79) Terphenyl-d14	20.10	244	1944650	88.49	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	32765	2.146	ng	Qvalue 99

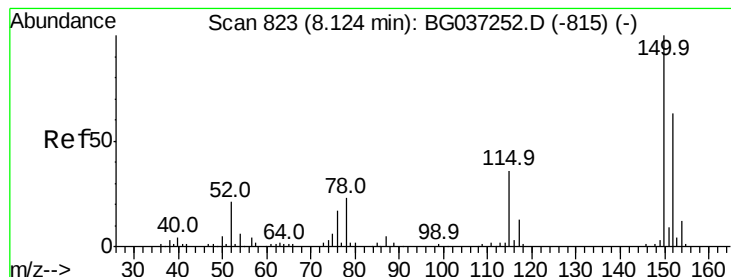
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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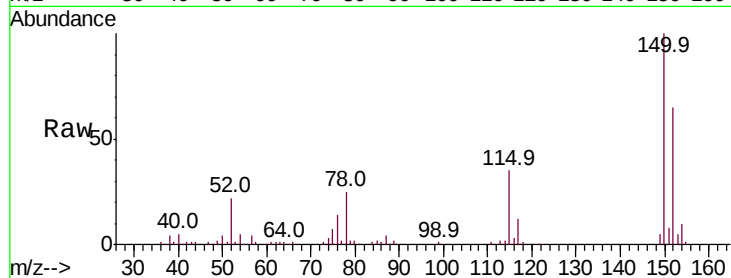


#1

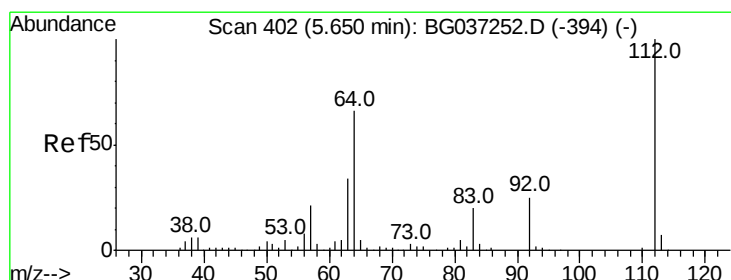
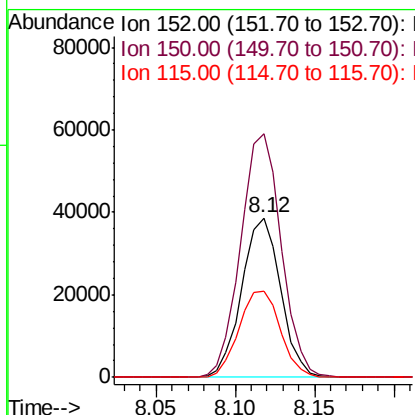
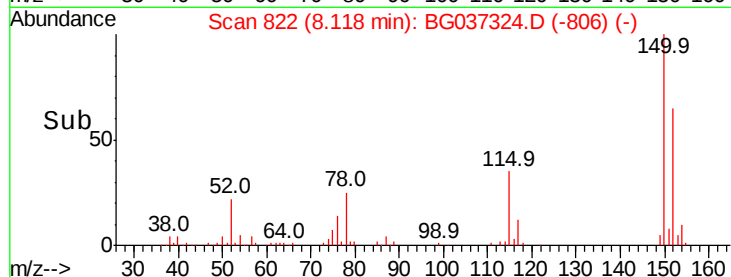
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Instrument :
BNA_G
ClientSampleId :
100918-DBRI-F-U-B

Tot Ion:152 Resp: 66041
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 54.1 45.5 68.3



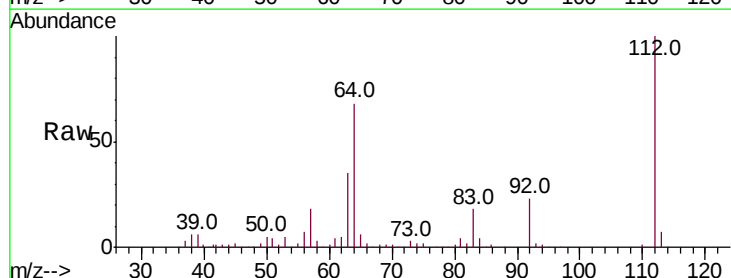
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



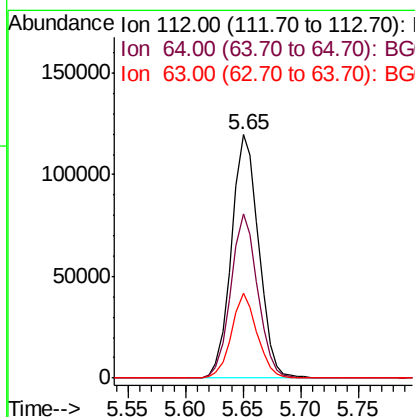
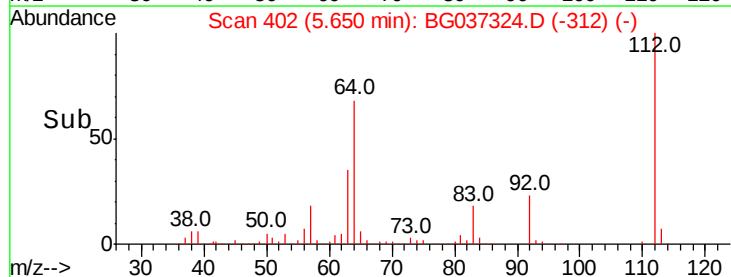
#5

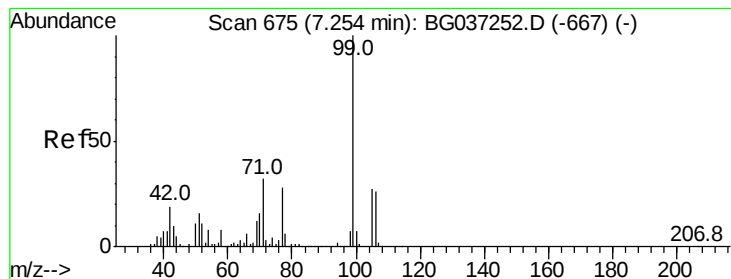
2-Fluorophenol
Concen: 52.226 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037324.D
Acq: 13 Oct 2018 13:16

Tgt Ion:112 Resp: 195981
Ion Ratio Lower Upper
112 100
64 67.6 53.1 79.7
63 34.7 27.3 40.9



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: 32.383 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-U-B

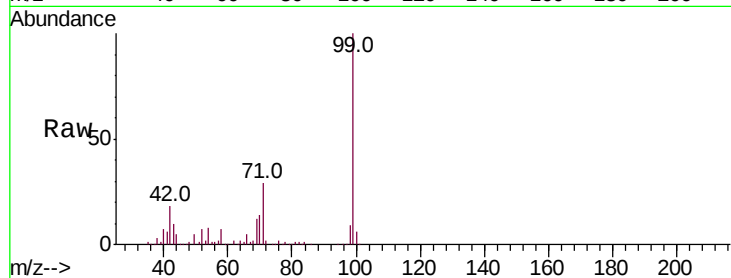
Tot Ion: 99 Resp: 184443

Ion Ratio Lower Upper

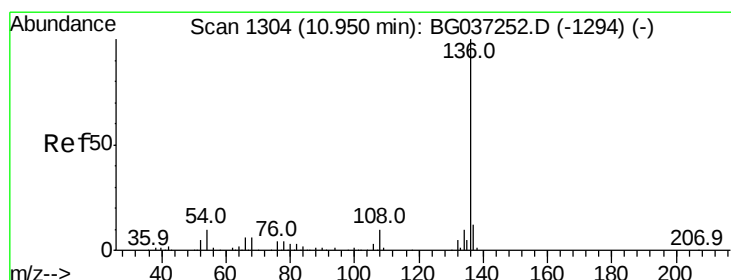
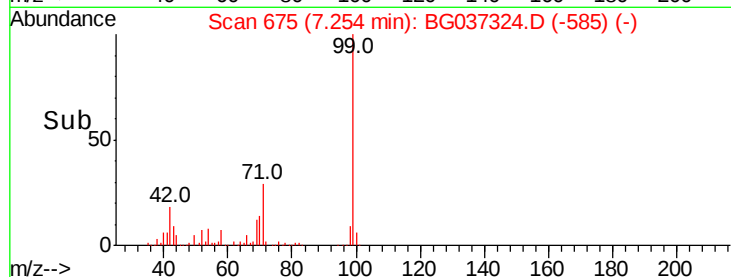
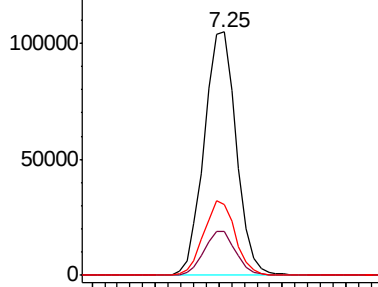
99 100

42 17.8 15.0 22.4

71 29.0 25.5 38.3



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: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Tgt Ion: 136 Resp: 287221

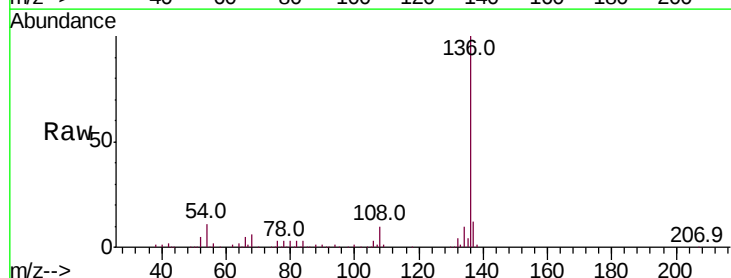
Ion Ratio Lower Upper

136 100

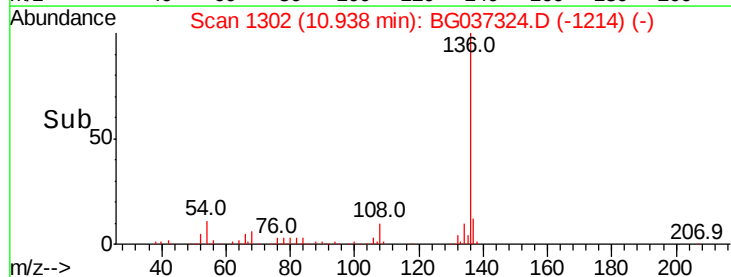
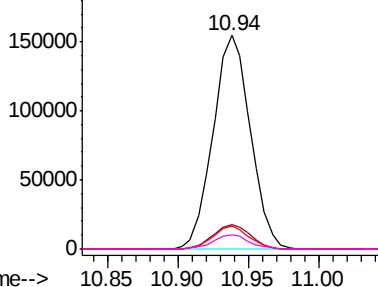
137 11.5 9.6 14.4

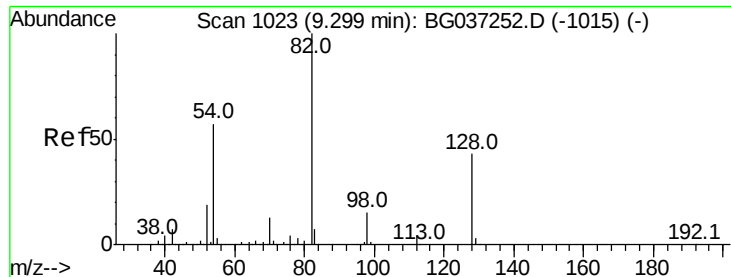
54 10.8 7.9 11.9

68 6.4 4.8 7.2



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

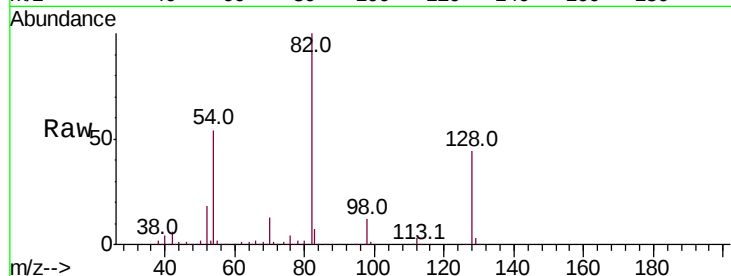




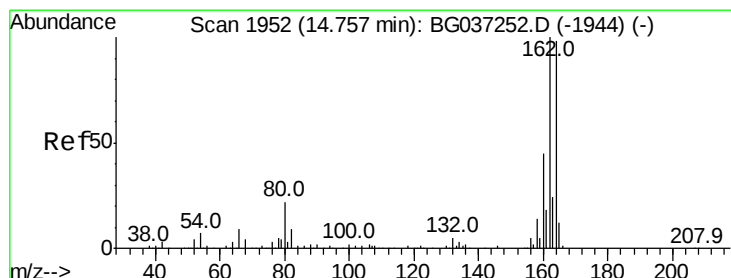
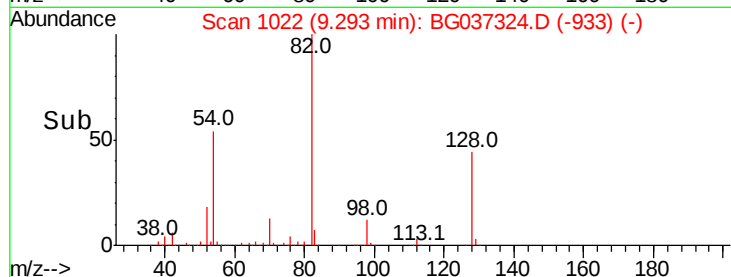
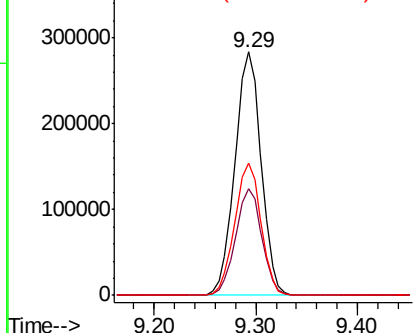
#23
 Nitrobenzene-d5
 Concen: 116.747 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037324.D
 Acq: 13 Oct 2018 13:16

Instrument :
 BNA_G
 ClientSampleId :
 100918-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	51.8
54	54.3	45.3	67.9

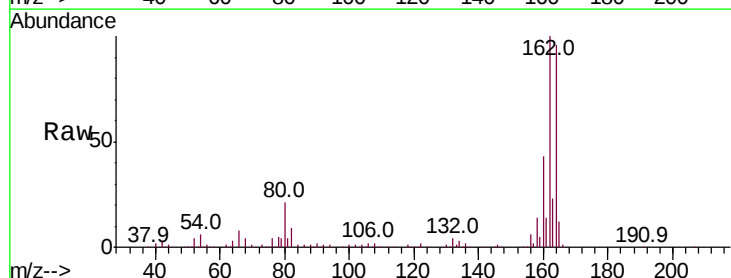


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

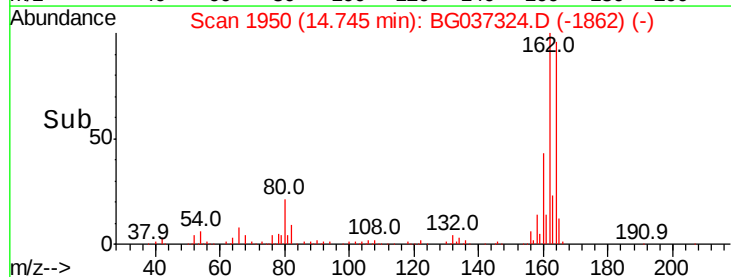
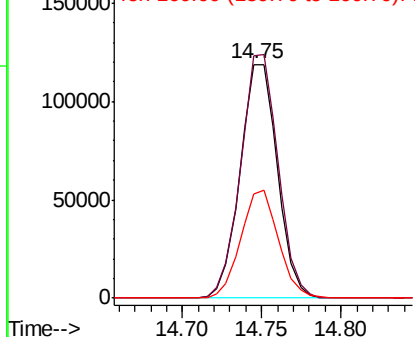


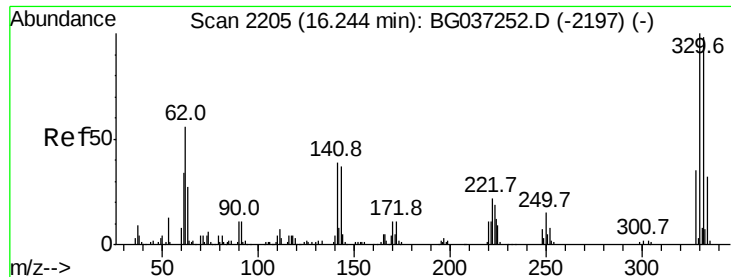
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037324.D
 Acq: 13 Oct 2018 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	44.3	36.3	54.5



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





#42

2,4,6-Tribromophenol

Concen: 117.754 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-U-B

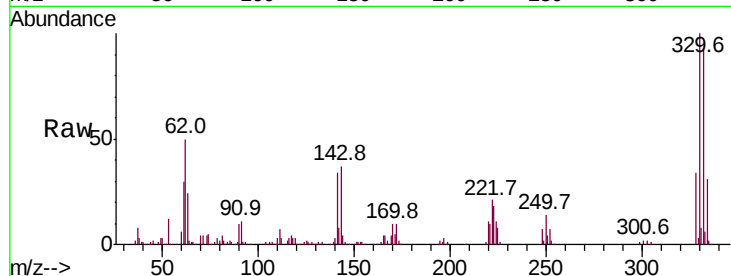
Tot Ion:330 Resp: 224345

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

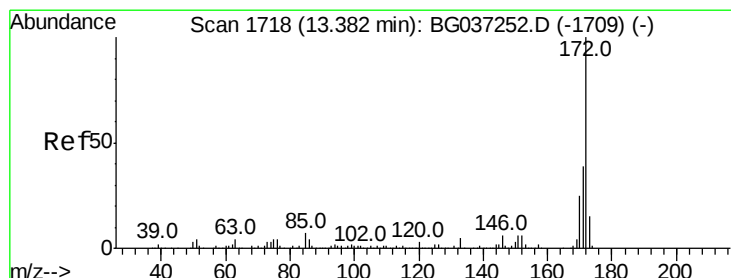
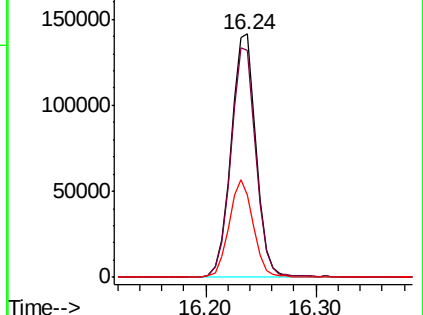
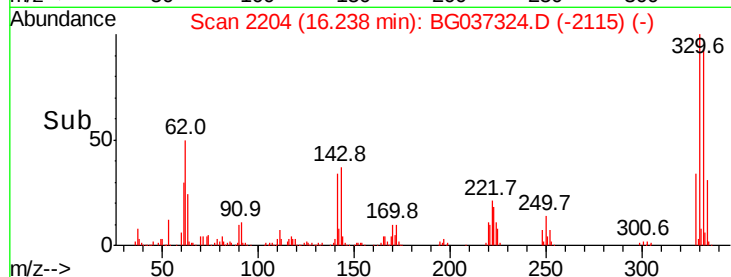
141 39.0 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 95.780 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

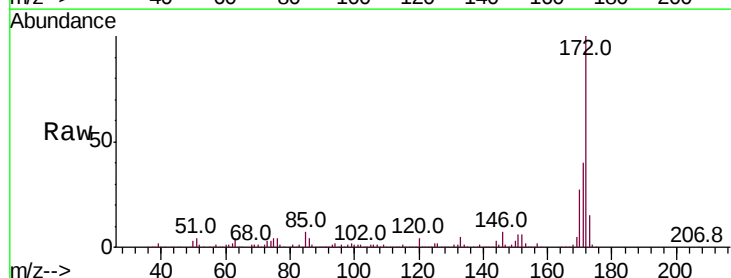
Tgt Ion:172 Resp: 1238983

Ion Ratio Lower Upper

172 100

171 39.9 31.0 46.4

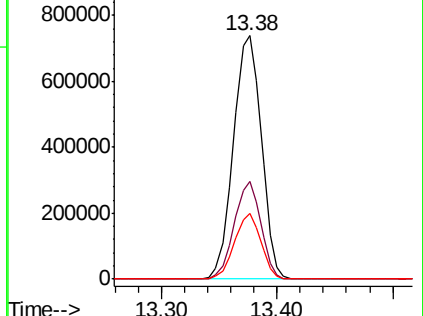
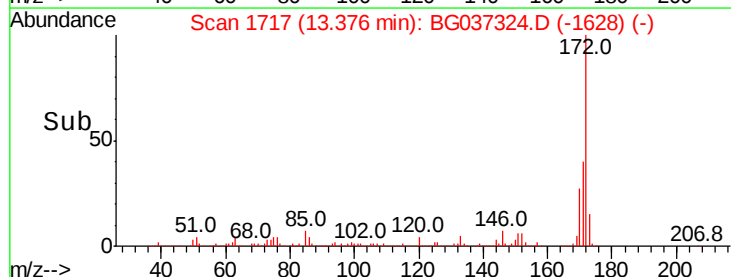
170 26.8 20.2 30.2

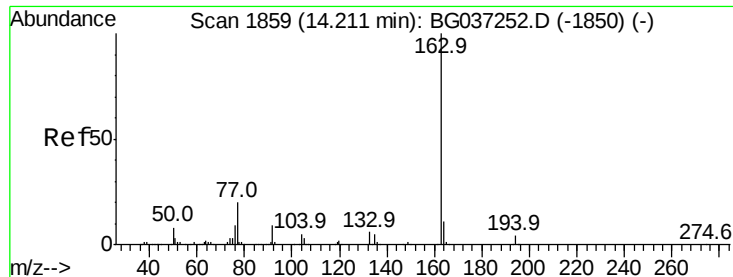


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.146 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-U-B

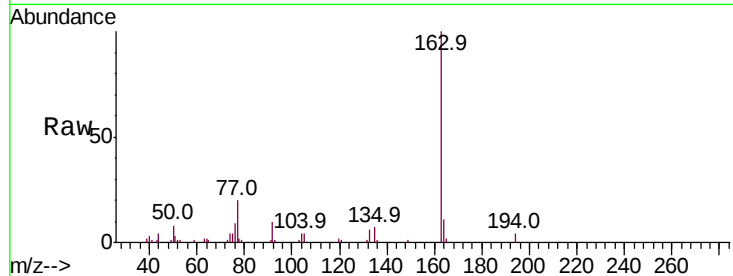
Tot Ion:163 Resp: 32765

Ion Ratio Lower Upper

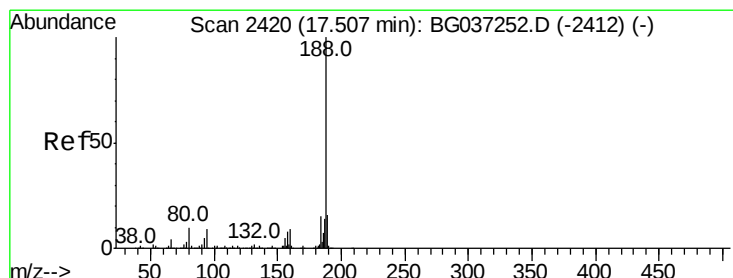
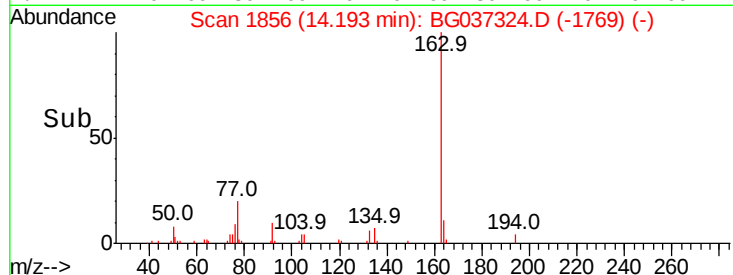
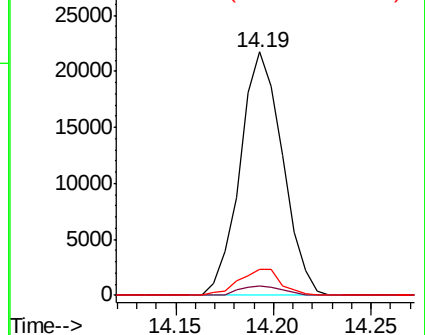
163 100

194 4.0 3.5 5.3

164 10.9 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

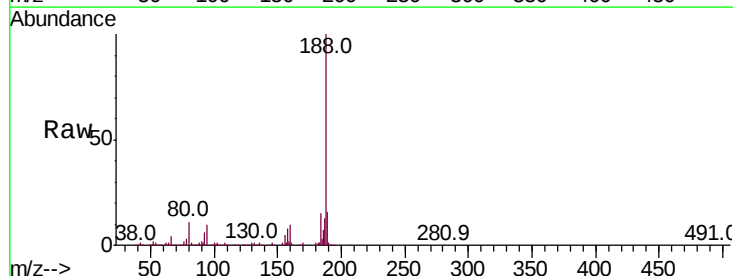
Tgt Ion:188 Resp: 490295

Ion Ratio Lower Upper

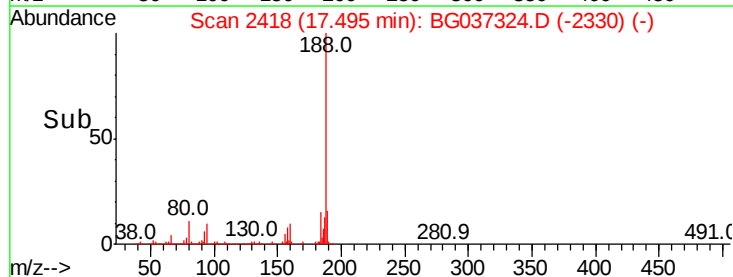
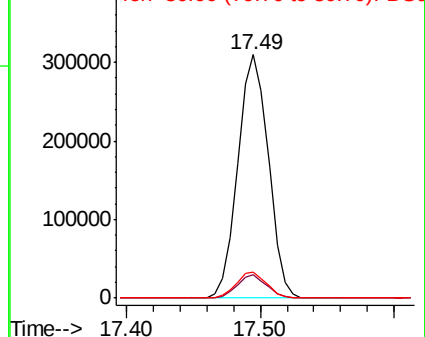
188 100

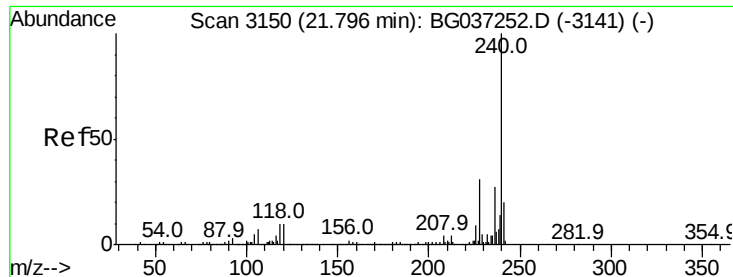
94 9.5 7.2 10.8

80 10.5 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-U-B

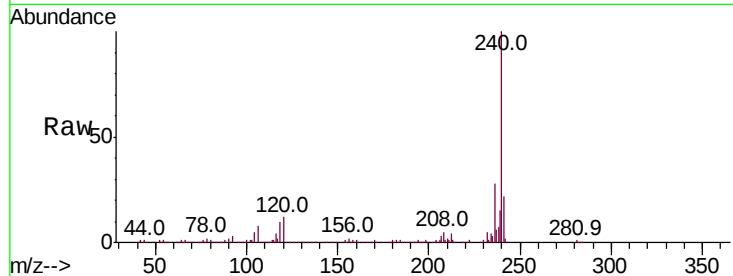
Tot Ion:240 Resp: 461445

Ion Ratio Lower Upper

240 100

120 12.3 8.1 12.1#

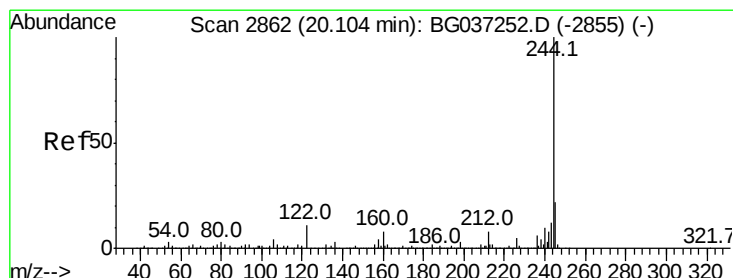
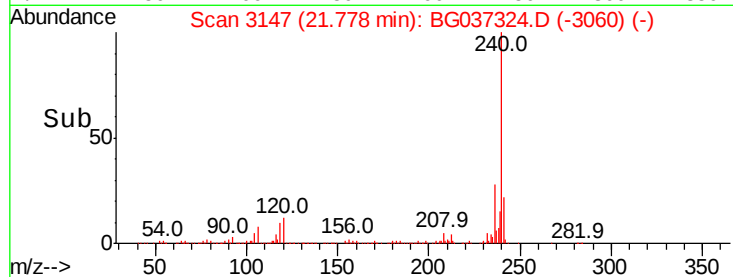
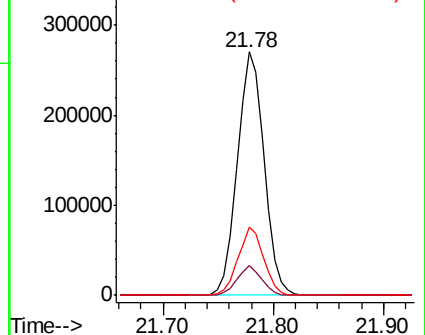
236 27.9 21.4 32.0



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



#79

Terphenyl-d14

Concen: 88.489 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037324.D

Acq: 13 Oct 2018 13:16

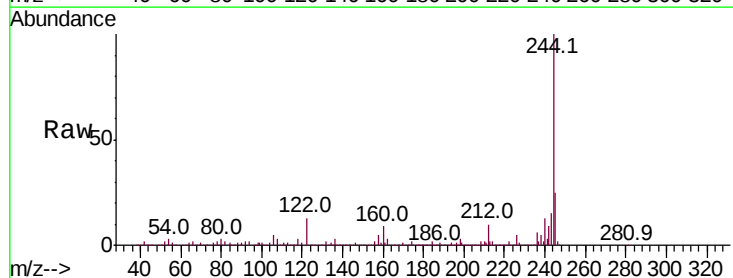
Tgt Ion:244 Resp: 1944650

Ion Ratio Lower Upper

244 100

212 9.6 6.5 9.7

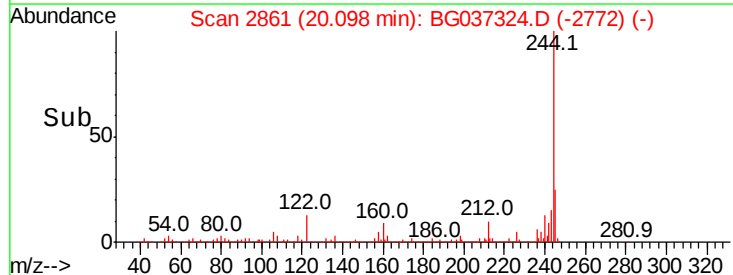
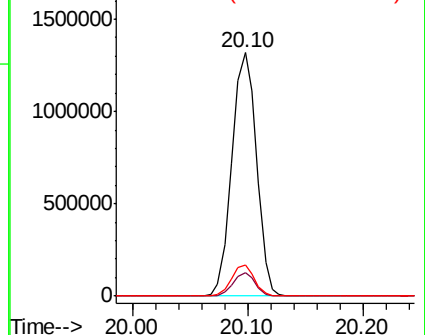
122 12.7 9.0 13.4

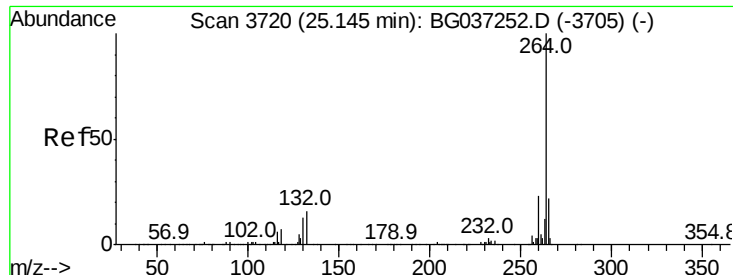


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037324.D
 Acq: 13 Oct 2018 13:16

Instrument :
 BNA_G
 ClientSampleId :
 100918-DBRI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	21.6	17.9	26.9

