

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037323.D
 Acq On : 13 Oct 2018 12:37
 Operator : JU/SJ
 Sample : J5383-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100918-DBRI-F-D-S

Quant Time: Oct 15 02:42:38 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

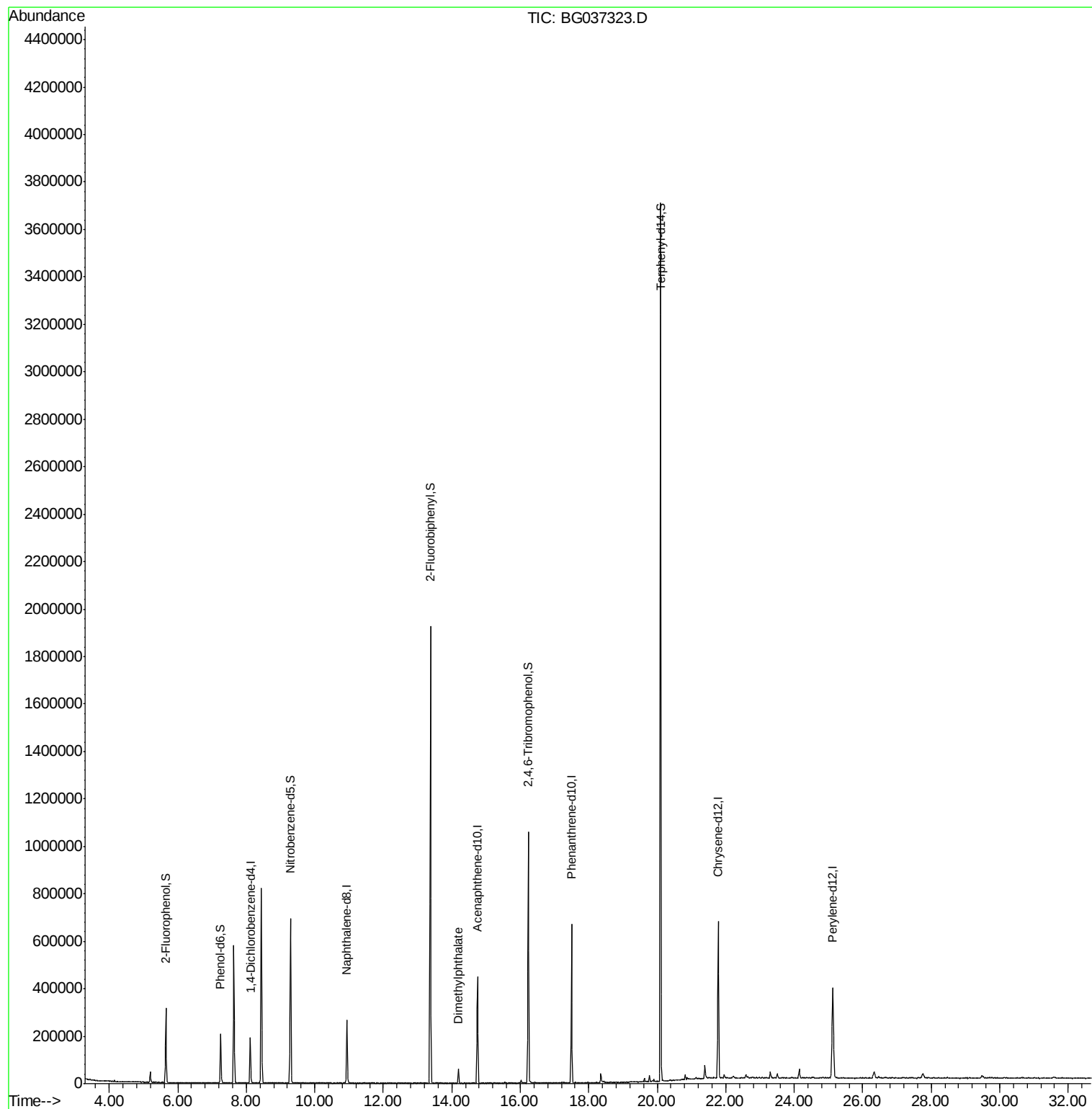
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56879	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	238082	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	161427	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	419346	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	401844	20.00	ng	-0.02
87) Perylene-d12	25.13	264	401579	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	148212	45.86	ng	0.00
7) Phenol-d6	7.25	99	131552	26.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	425537	117.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	186378	117.73	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	1052490	97.91	ng	0.00
79) Terphenyl-d14	20.10	244	1732292	90.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	42380	3.341	ng	Qvalue 96

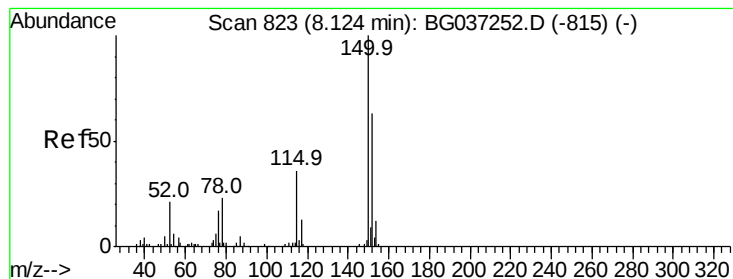
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-D-S

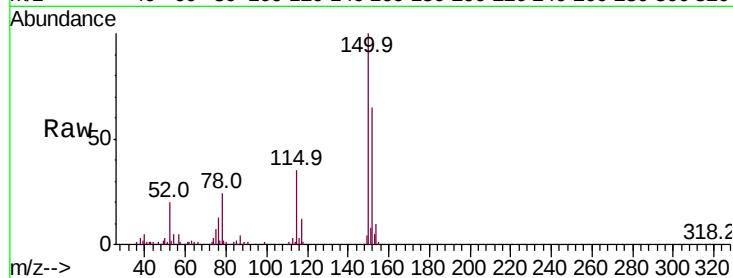
Tot Ion:152 Resp: 56879

Ion Ratio Lower Upper

152 100

150 154.8 126.0 189.0

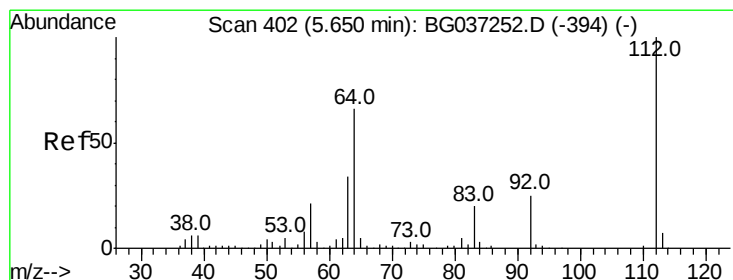
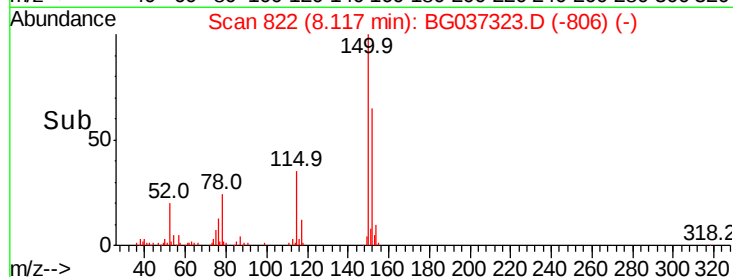
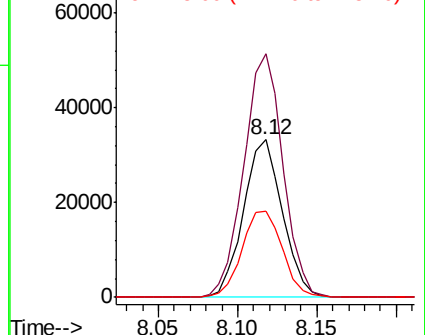
115 54.9 45.5 68.3



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: 45.859 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

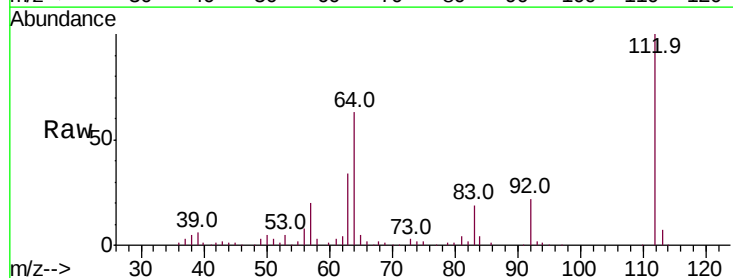
Tgt Ion:112 Resp: 148212

Ion Ratio Lower Upper

112 100

64 63.2 53.1 79.7

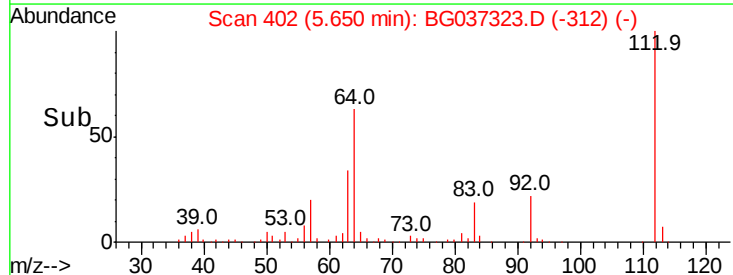
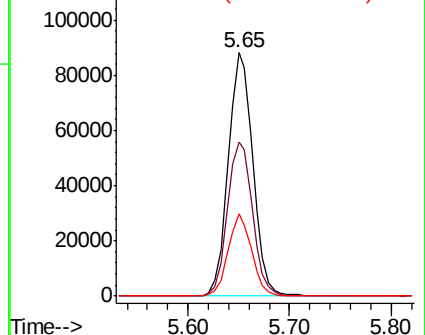
63 33.8 27.3 40.9

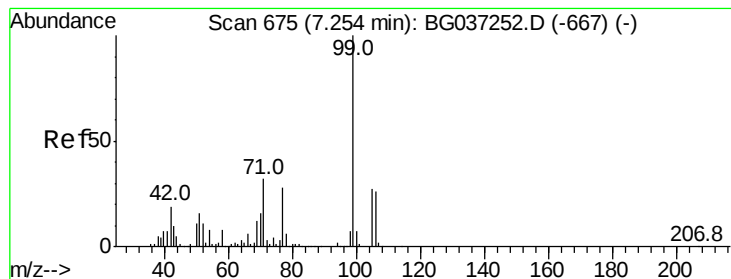


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.817 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-D-S

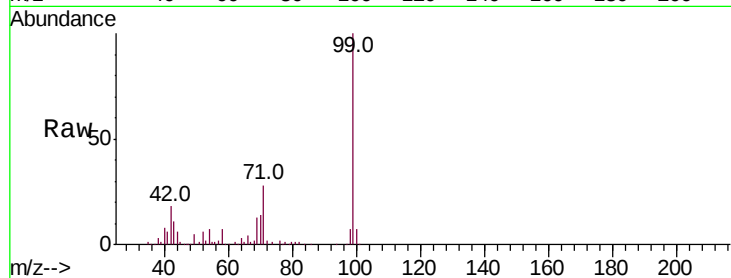
Tot Ion: 99 Resp: 131552

Ion Ratio Lower Upper

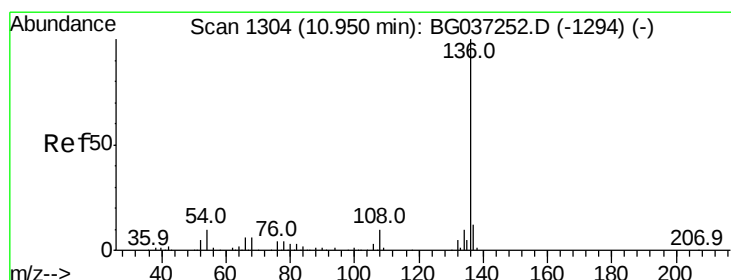
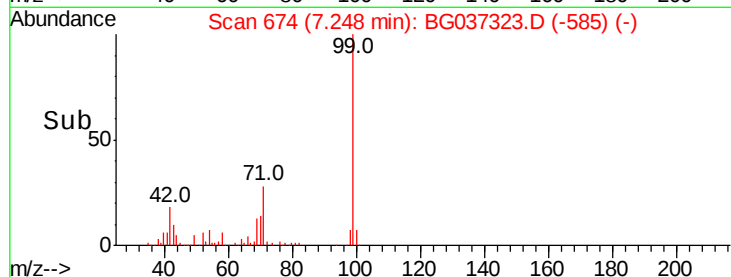
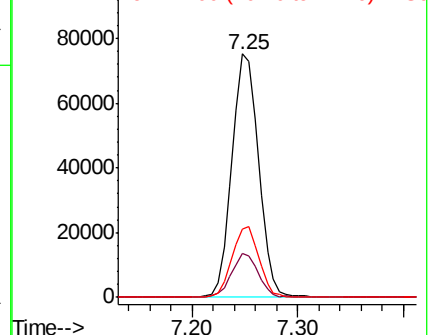
99 100

42 18.0 15.0 22.4

71 28.1 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: BG037323.D

Acq: 13 Oct 2018 12:37

Tgt Ion: 136 Resp: 238082

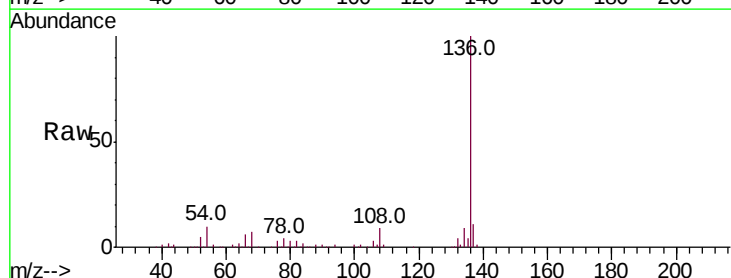
Ion Ratio Lower Upper

136 100

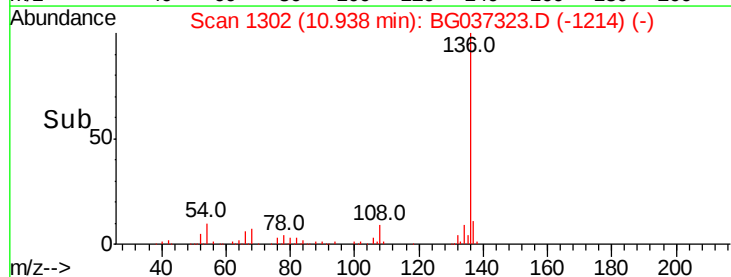
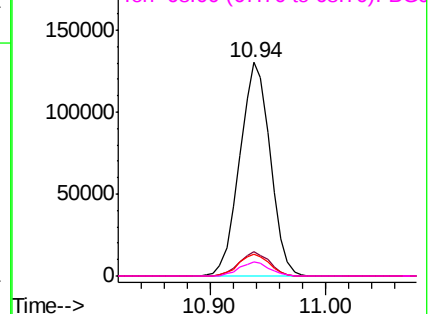
137 11.5 9.6 14.4

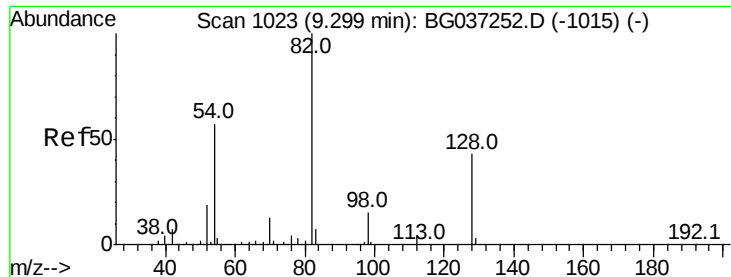
54 10.1 7.9 11.9

68 6.6 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

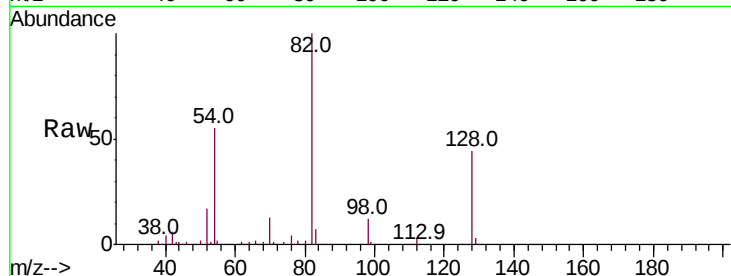




#23
Nitrobenzene-d5
Concen: 117.509 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Instrument :
BNA_G
ClientSampleId :
100918-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	55.0	45.3	67.9

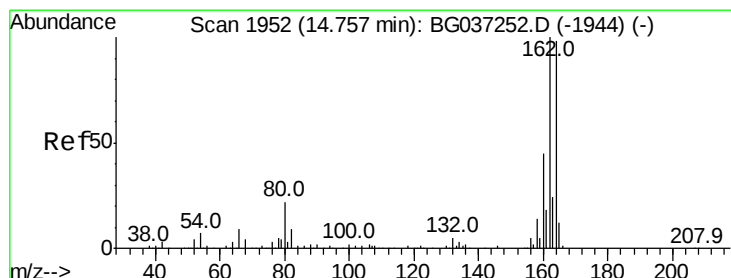
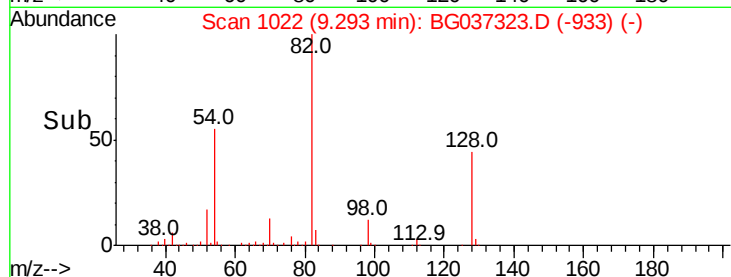
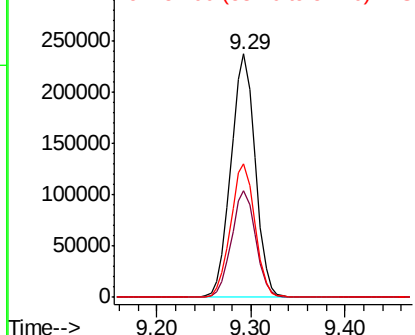


Abundance

Ion 82.00 (81.70 to 82.70): BGC

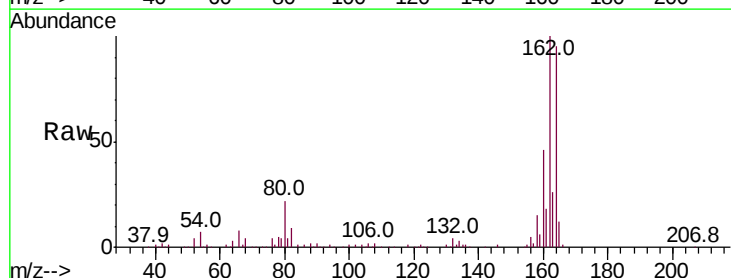
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.3	121.9
160	48.3	36.3	54.5

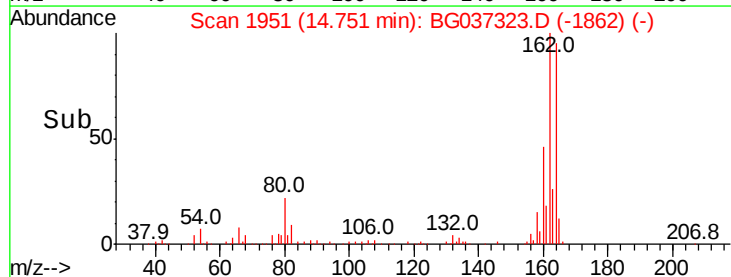
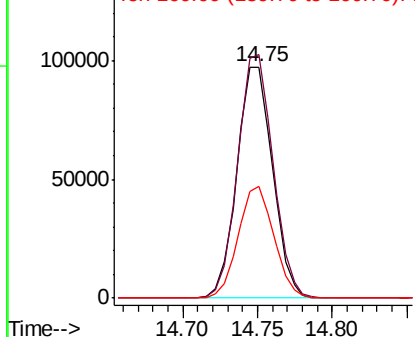


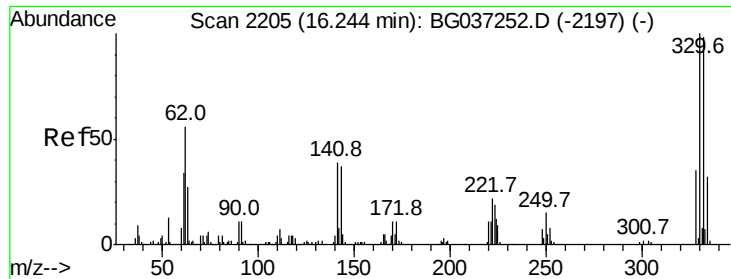
Abundance

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

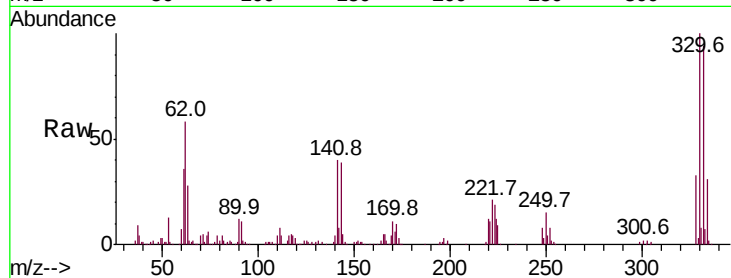




#42
 2,4,6-Tribromophenol
 Concen: 117.726 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :
 100918-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	39.6	32.2	48.2

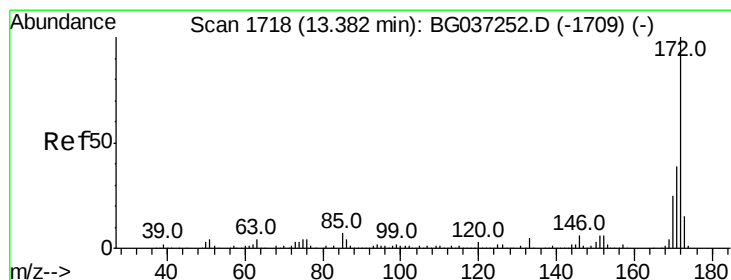
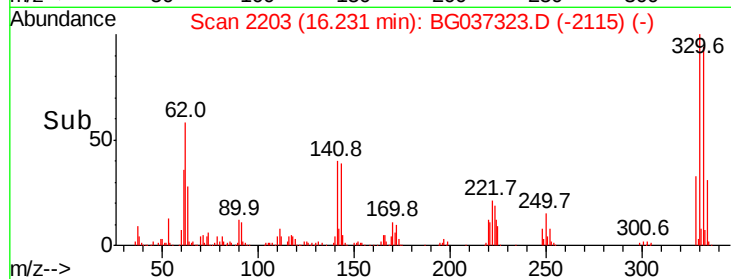
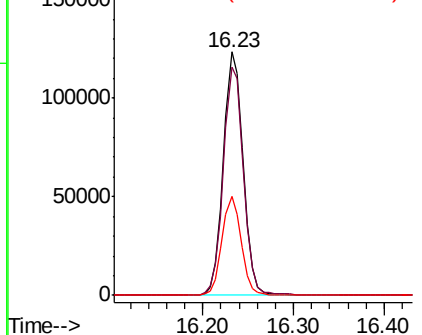


Abundance

Ion 329.80 (329.50 to 330.50): E

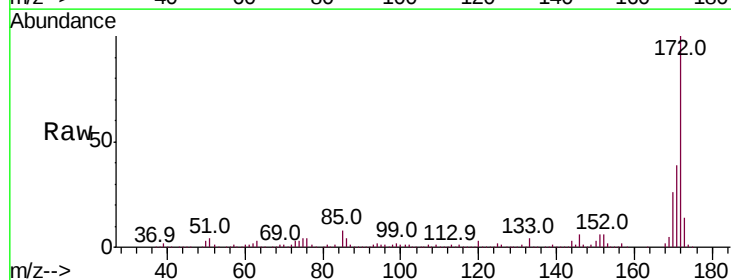
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.914 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037323.D
 Acq: 13 Oct 2018 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.3	20.2	30.2

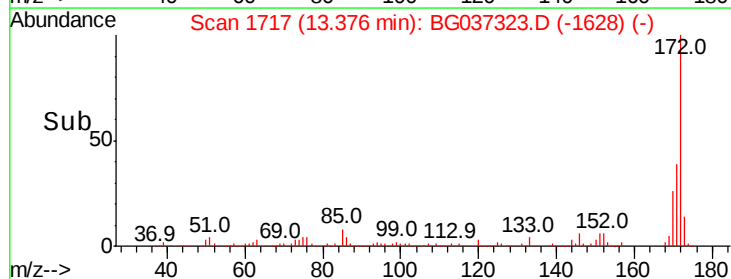
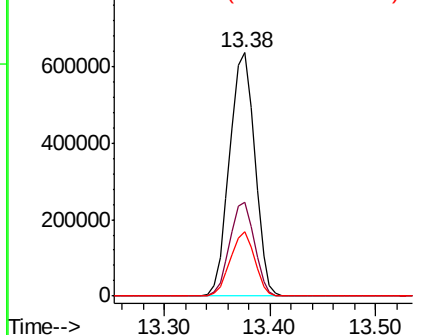


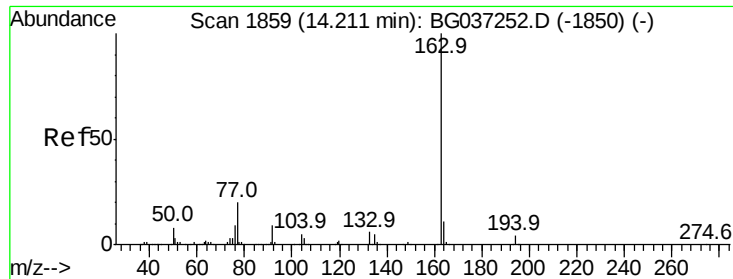
Abundance

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: 3.341 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-D-S

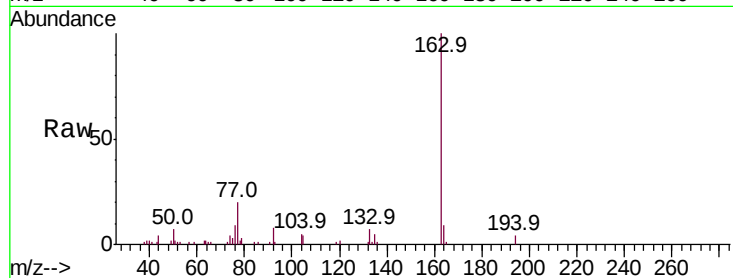
Tot Ion:163 Resp: 42380

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

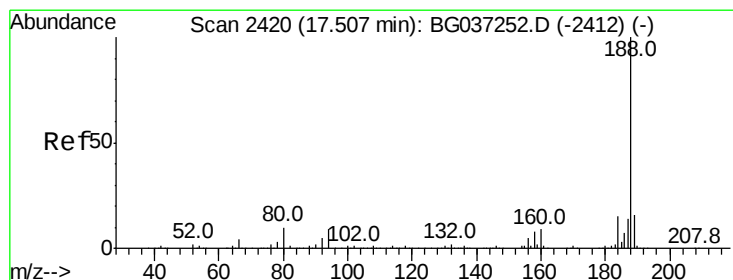
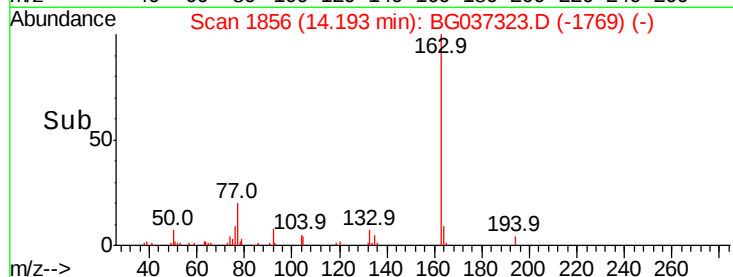
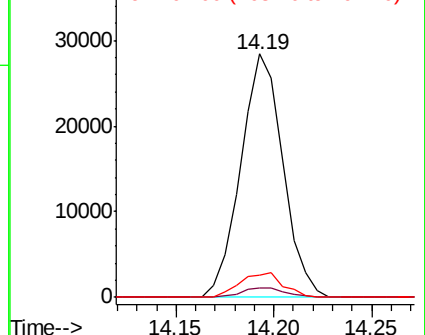
164 9.0 8.5 12.7



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: BG037323.D

Acq: 13 Oct 2018 12:37

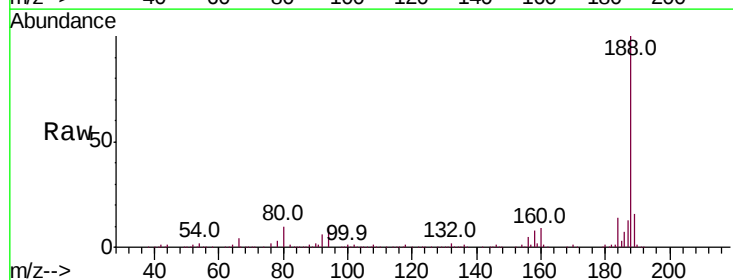
Tgt Ion:188 Resp: 419346

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

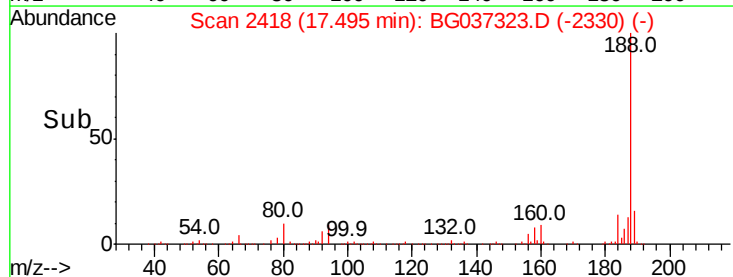
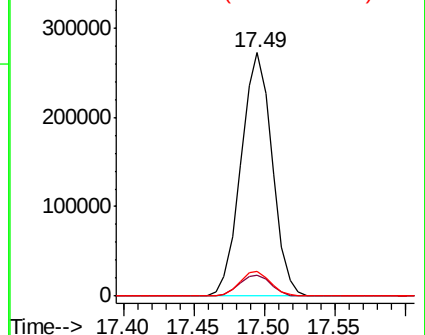
80 10.2 7.7 11.5

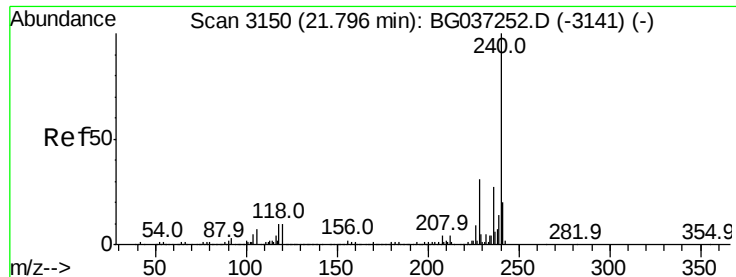


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

Instrument :

BNA_G

ClientSampleId :

100918-DBRI-F-D-S

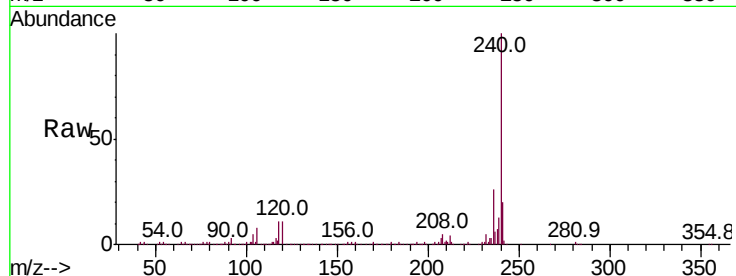
Tot Ion:240 Resp: 401844

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

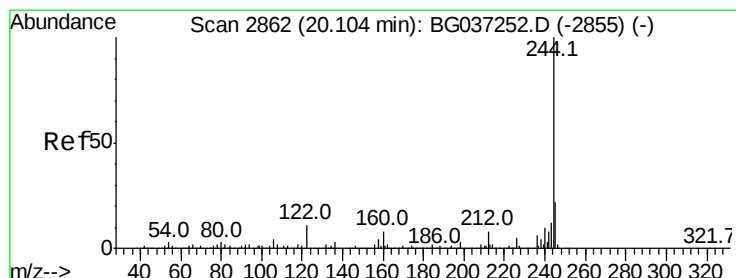
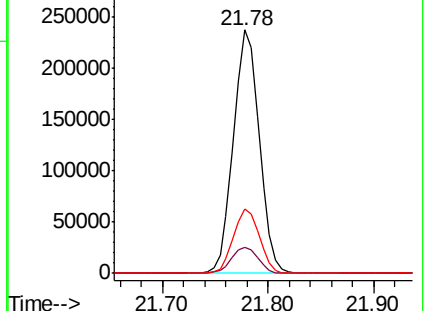
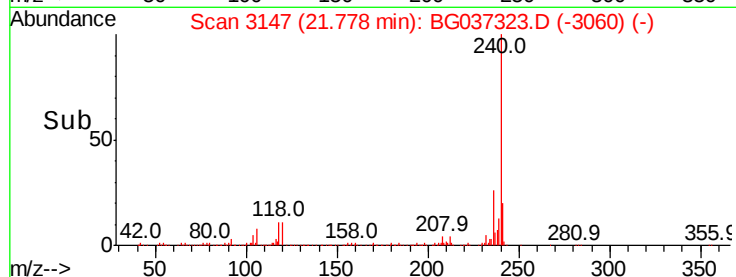
236 26.5 21.4 32.0



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: 90.517 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037323.D

Acq: 13 Oct 2018 12:37

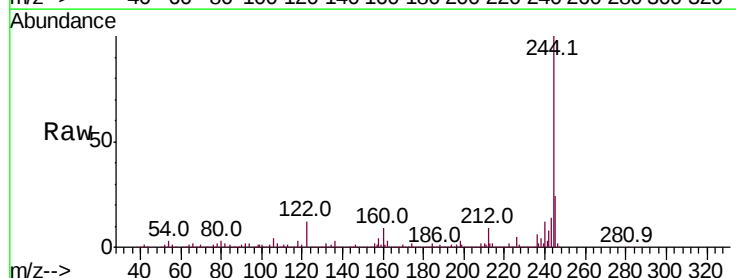
Tgt Ion:244 Resp: 1732292

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

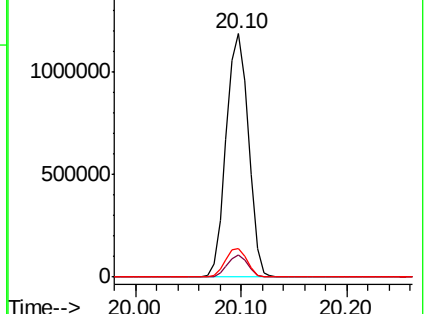
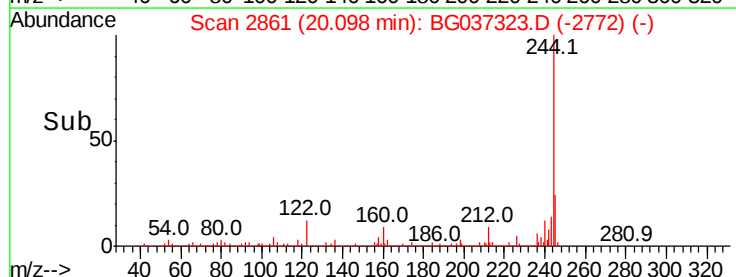
122 11.9 9.0 13.4

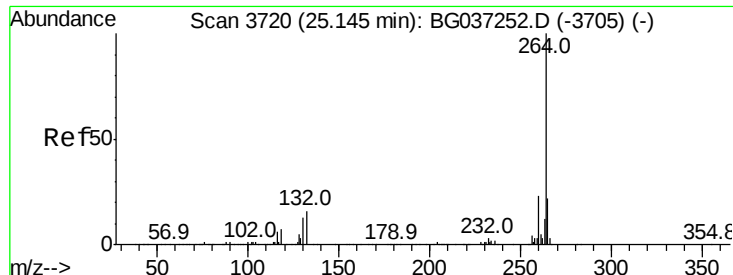


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

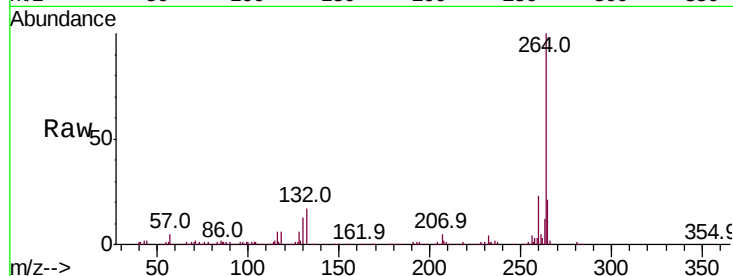




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG037323.D
Acq: 13 Oct 2018 12:37

Instrument :
BNA_G
ClientSampleId :
100918-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.5	17.9	26.9



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

