

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037715.D
 Acq On : 1 Nov 2018 12:36
 Operator : JU/SJ
 Sample : J5731-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 103018-DBRI-E-D-B

Quant Time: Nov 01 14:25:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

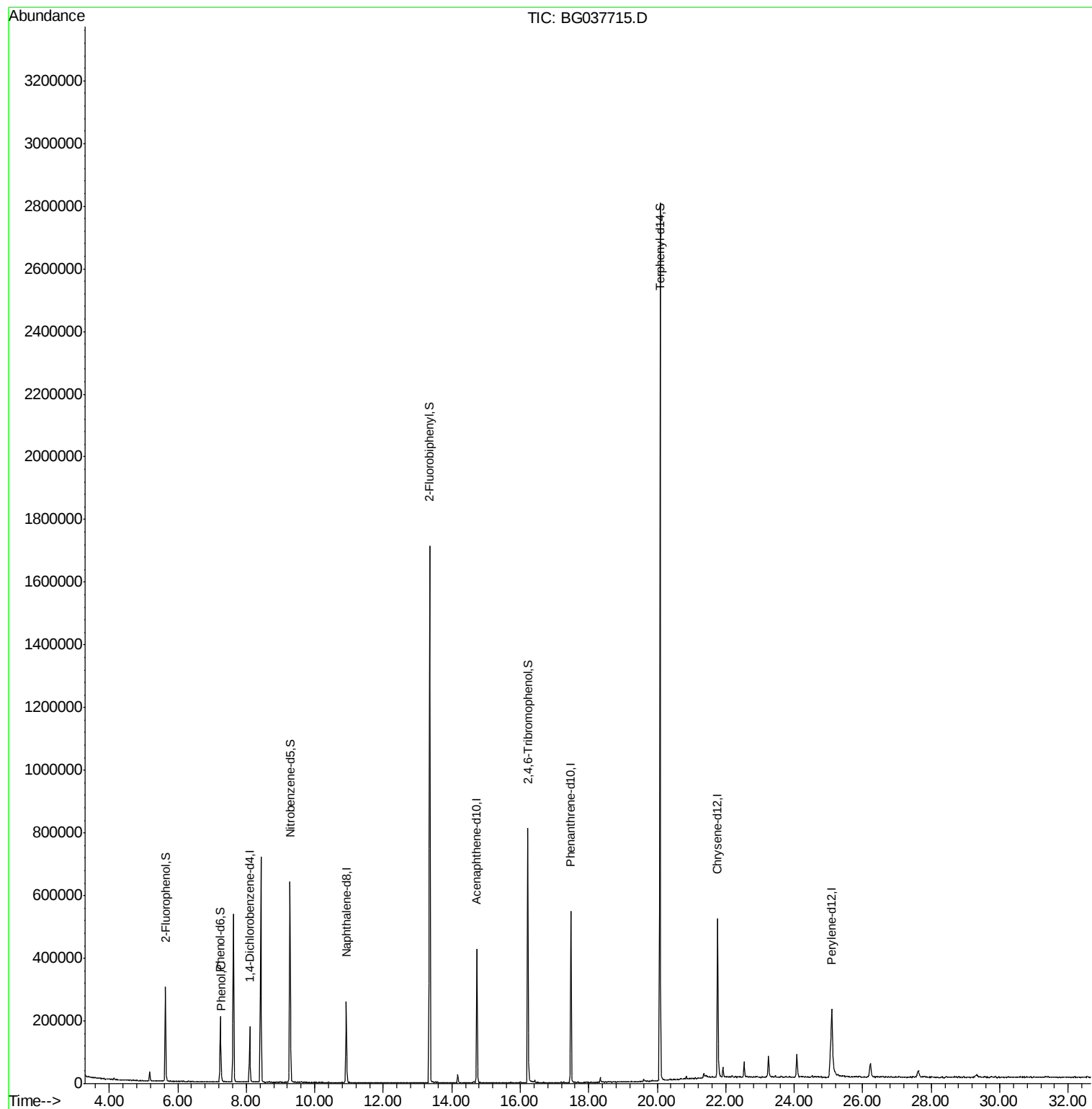
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52477	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	226318	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	153262	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	368320	20.00	ng	0.00
76) Chrysene-d12	21.76	240	333990	20.00	ng	-0.01
87) Perylene-d12	25.10	264	294595	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	143214	45.63	ng	0.00
7) Phenol-d6	7.24	99	134427	28.32	ng	0.00
23) Nitrobenzene-d5	9.28	82	408137	101.02	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	154069	92.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	973712	95.80	ng	0.00
79) Terphenyl-d14	20.08	244	1378055	88.16	ng	0.00
Target Compounds						
10) Phenol	7.27	94	25044	5.001	ng	Qvalue 97

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

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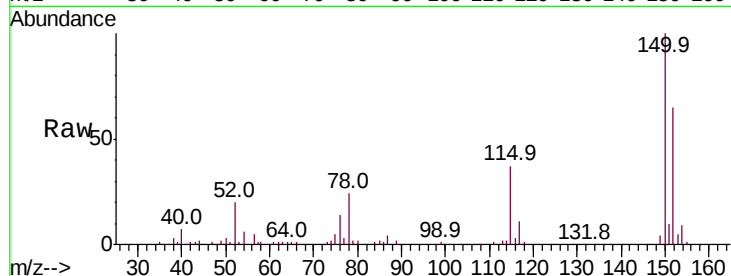


#1

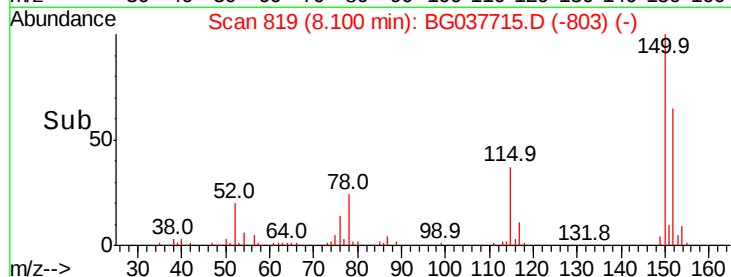
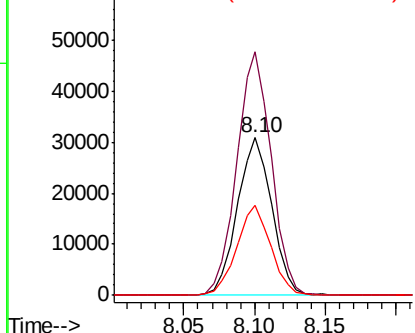
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :
103018-DBRI-E-D-B

Tot Ion:152 Resp: 52477
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 57.0 45.5 68.3



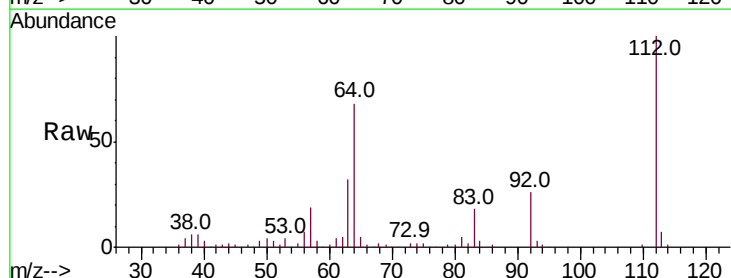
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



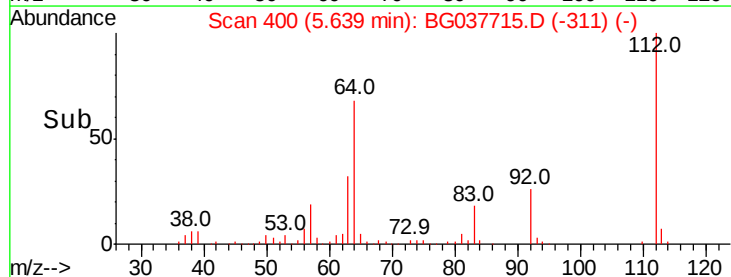
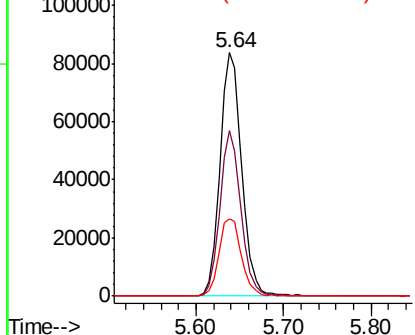
#5

2-Fluorophenol
Concen: 45.626 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion:112 Resp: 143214
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 31.9 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: 28.322 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

Instrument :

BNA_G

ClientSampleId :

103018-DBRI-E-D-B

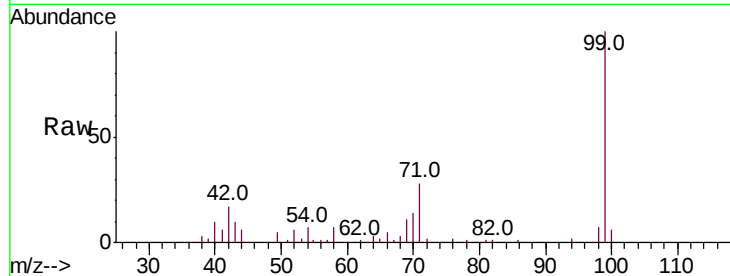
Tot Ion: 99 Resp: 134427

Ion Ratio Lower Upper

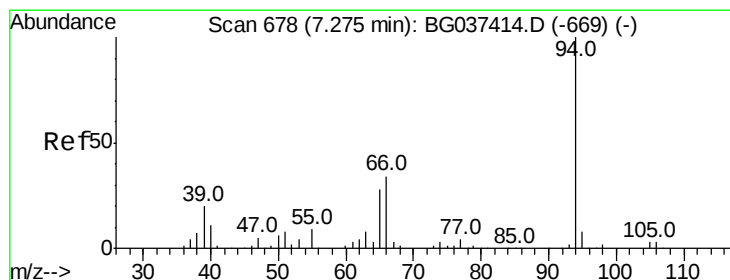
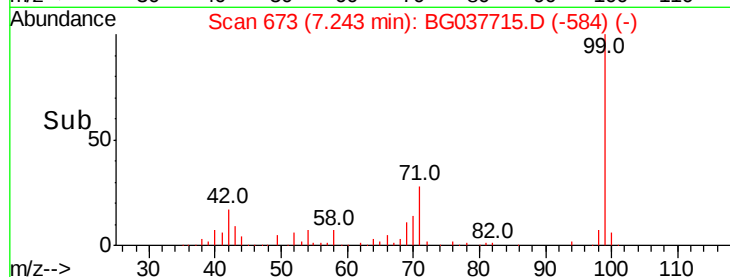
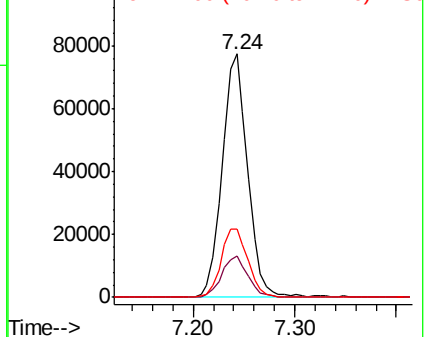
99 100

42 17.0 15.0 22.4

71 27.9 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



#10

Phenol

Concen: 5.001 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

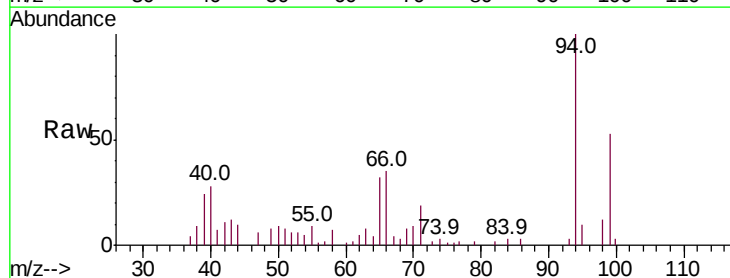
Tgt Ion: 94 Resp: 25044

Ion Ratio Lower Upper

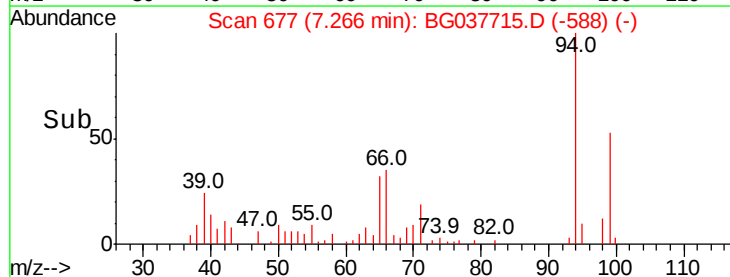
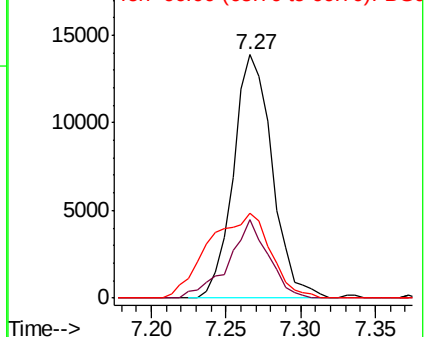
94 100

65 32.4 9.7 49.7

66 35.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

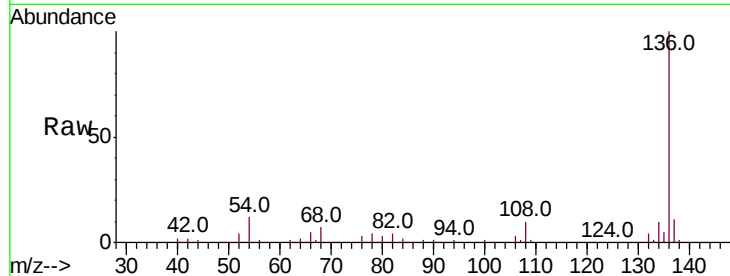




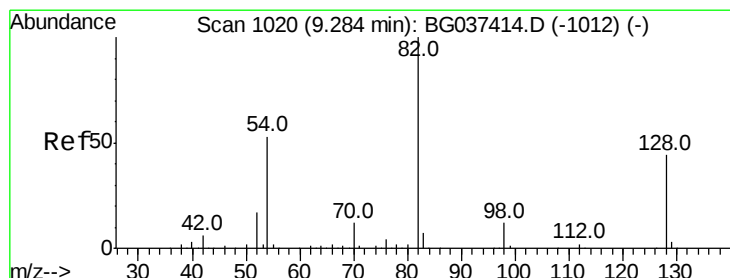
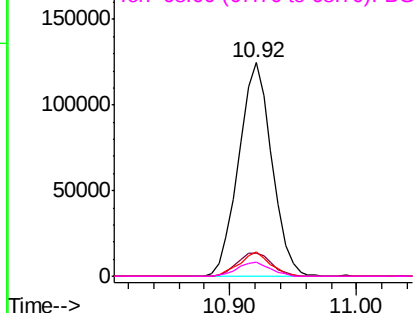
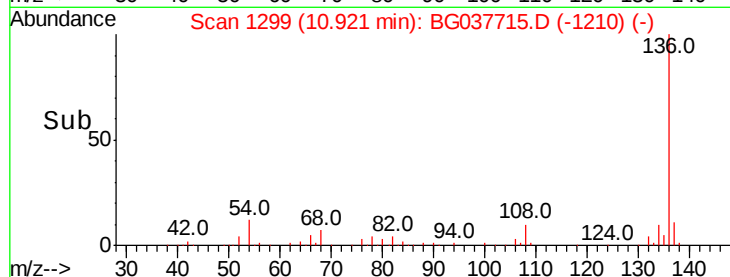
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :
103018-DBRI-E-D-B

Tot Ion:136	Resp:	226318
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	11.7	7.9 11.9
68	6.8	4.8 7.2

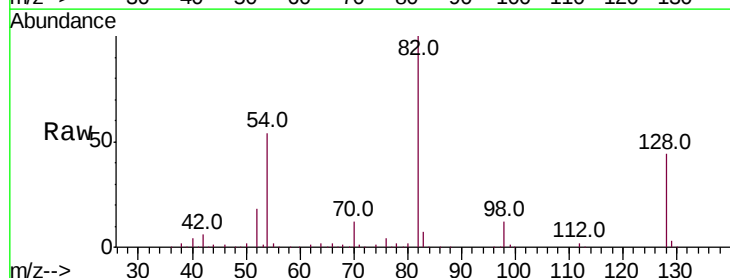


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

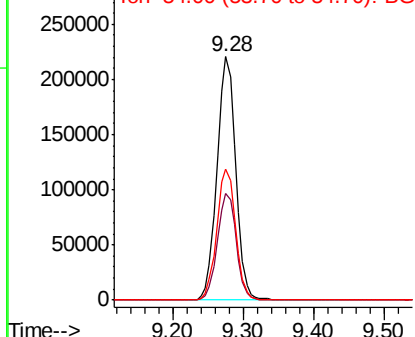
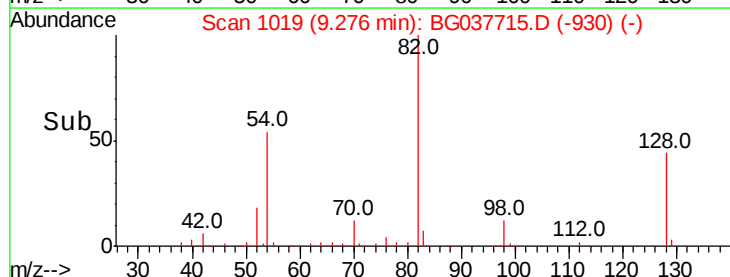


#23
Nitrobenzene-d5
Concen: 101.023 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Tgt Ion: 82	Resp:	408137
Ion	Ratio	Lower Upper
82	100	
128	43.7	34.6 51.8
54	53.9	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

Instrument :

BNA_G

ClientSampleId :

103018-DBRI-E-D-B

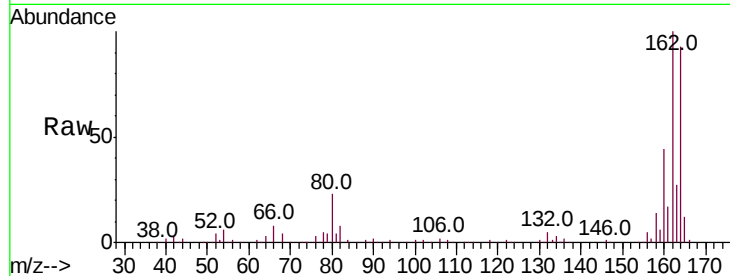
Tot Ion:164 Resp: 153262

Ion Ratio Lower Upper

164 100

162 107.3 81.3 121.9

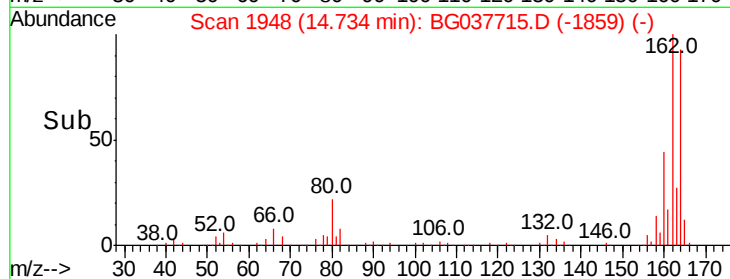
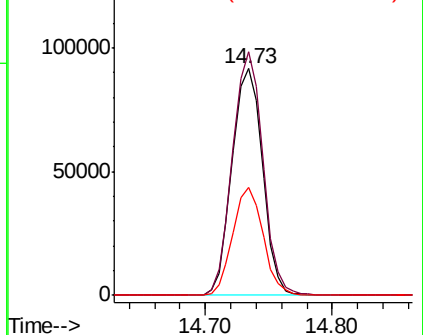
160 47.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 92.168 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

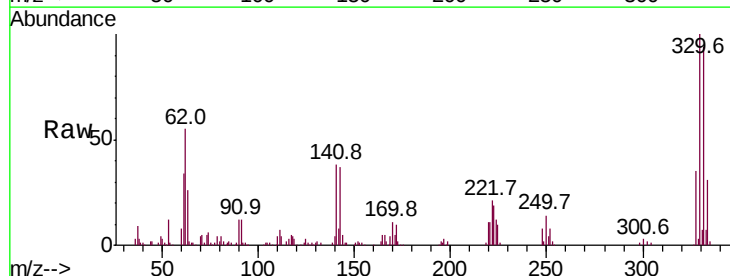
Tgt Ion:330 Resp: 154069

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

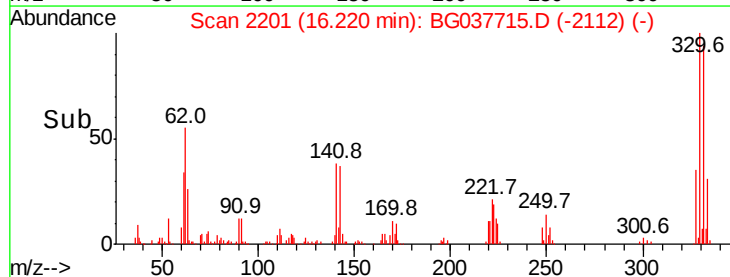
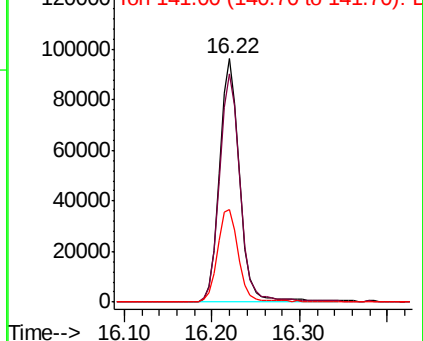
141 40.0 32.2 48.2



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

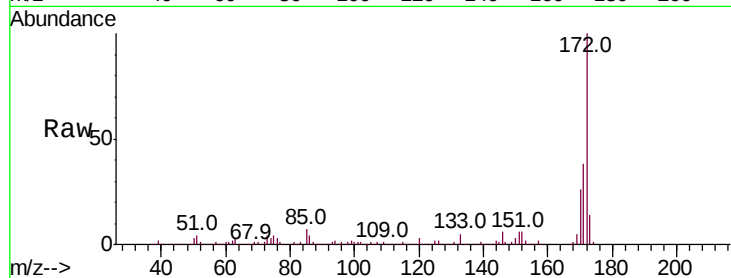




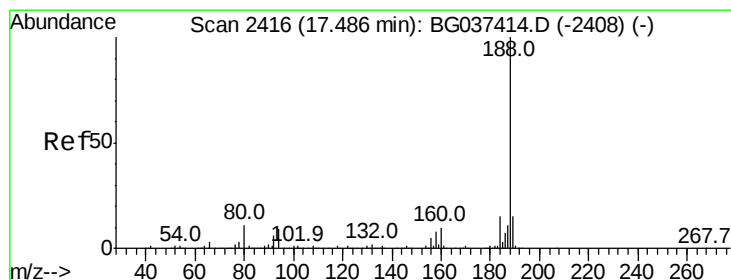
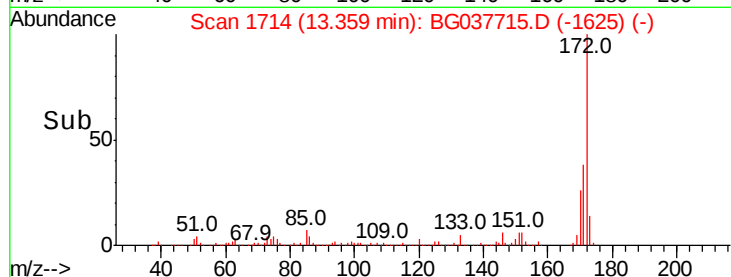
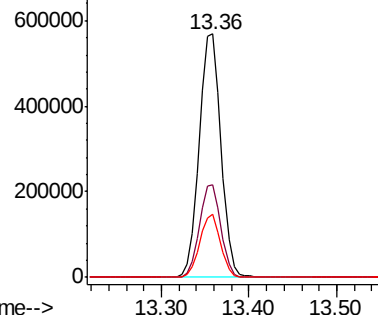
#45
 2-Fluorobiphenyl
 Concen: 95.803 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037715.D
 Acq: 1 Nov 2018 12:36

Instrument :
 BNA_G
 ClientSampleId :
 103018-DBRI-E-D-B

Tot Ion:172 Resp: 973712
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.7 20.2 30.2

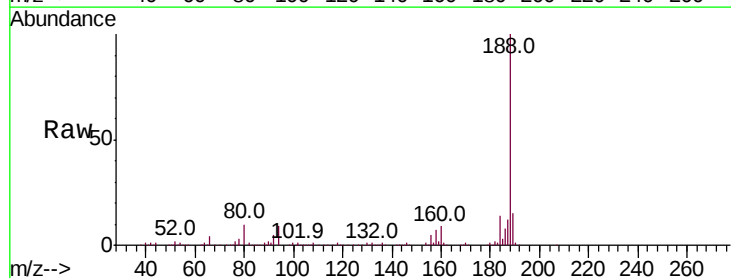


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

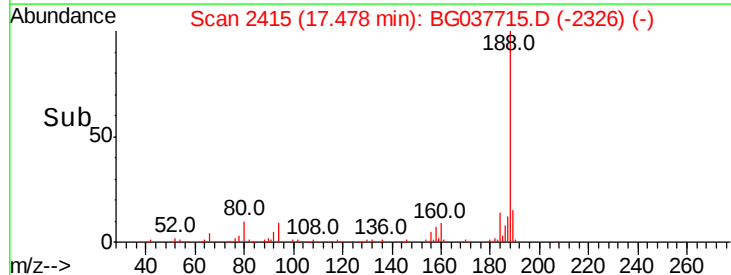
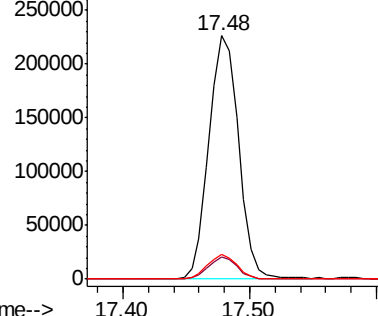


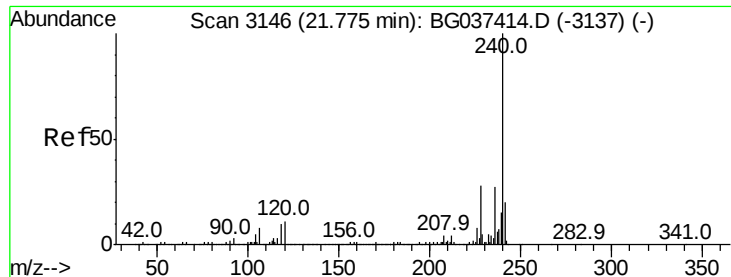
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037715.D
 Acq: 1 Nov 2018 12:36

Tgt Ion:188 Resp: 368320
 Ion Ratio Lower Upper
 188 100
 94 8.9 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): BG
 Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

Instrument :

BNA_G

ClientSampleId :

103018-DBRI-E-D-B

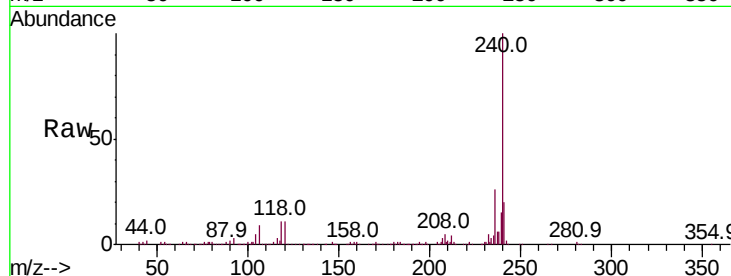
Tot Ion:240 Resp: 333990

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

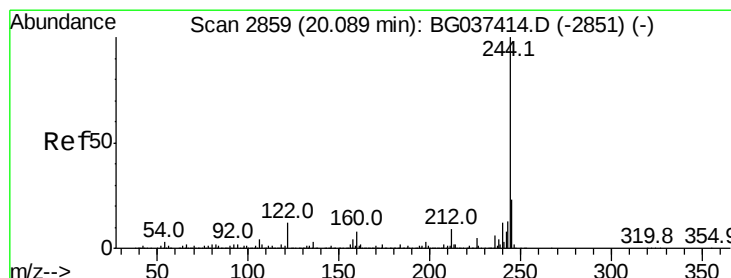
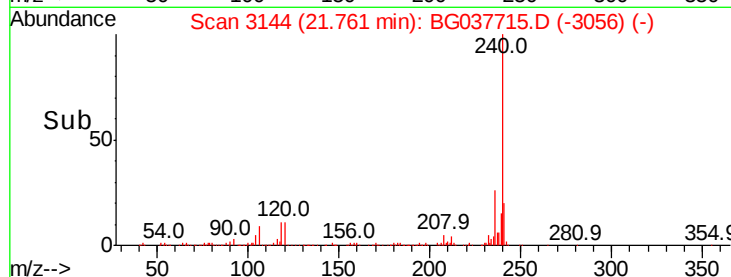
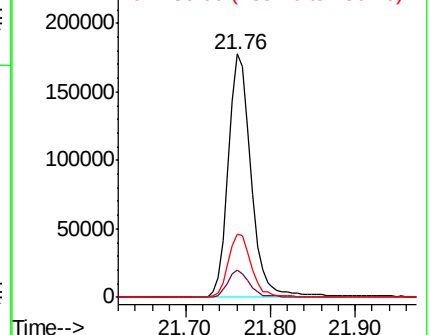
236 26.2 21.4 32.0



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: 88.164 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037715.D

Acq: 1 Nov 2018 12:36

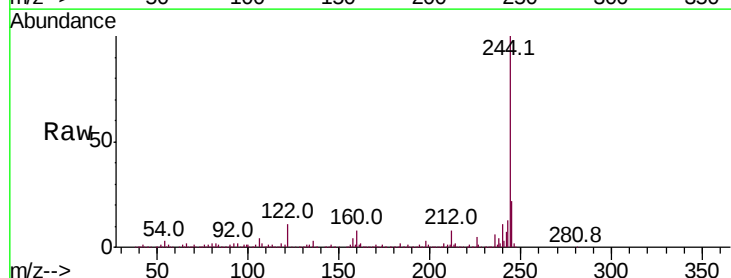
Tgt Ion:244 Resp: 1378055

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

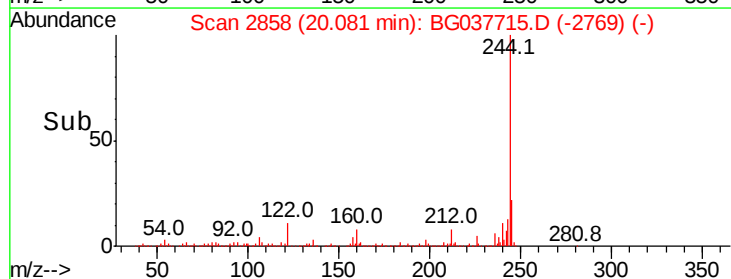
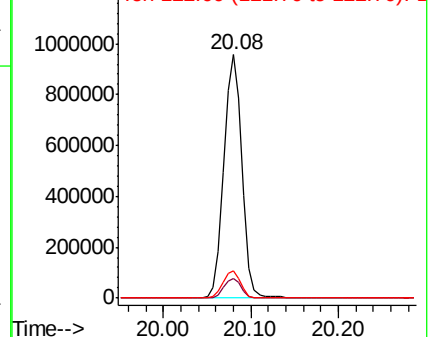
122 11.3 9.0 13.4

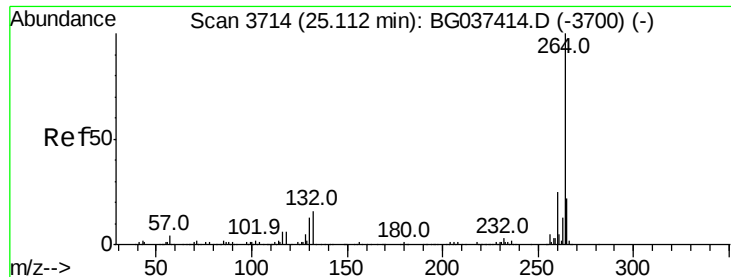


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037715.D
Acq: 1 Nov 2018 12:36

Instrument :
BNA_G
ClientSampleId :
103018-DBRI-E-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.9	26.9

