

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023336.D
 Acq On : 29 Jul 2016 11:44
 Operator : UM/SJ
 Sample : H4213-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 I-1

Quant Time: Jul 29 13:37:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	154446	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	717168	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	496345	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1185494	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1193290	20.00	ng	0.00
86) Perylene-d12	25.29	264	1199144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1223198	135.20	ng	0.00
7) Phenol-d6	7.29	99	1688239	121.55	ng	0.00
23) Nitrobenzene-d5	9.31	82	1280895	87.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	862304	167.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2586918	97.55	ng	0.00
78) Terphenyl-d14	20.18	244	3271318	89.12	ng	0.00

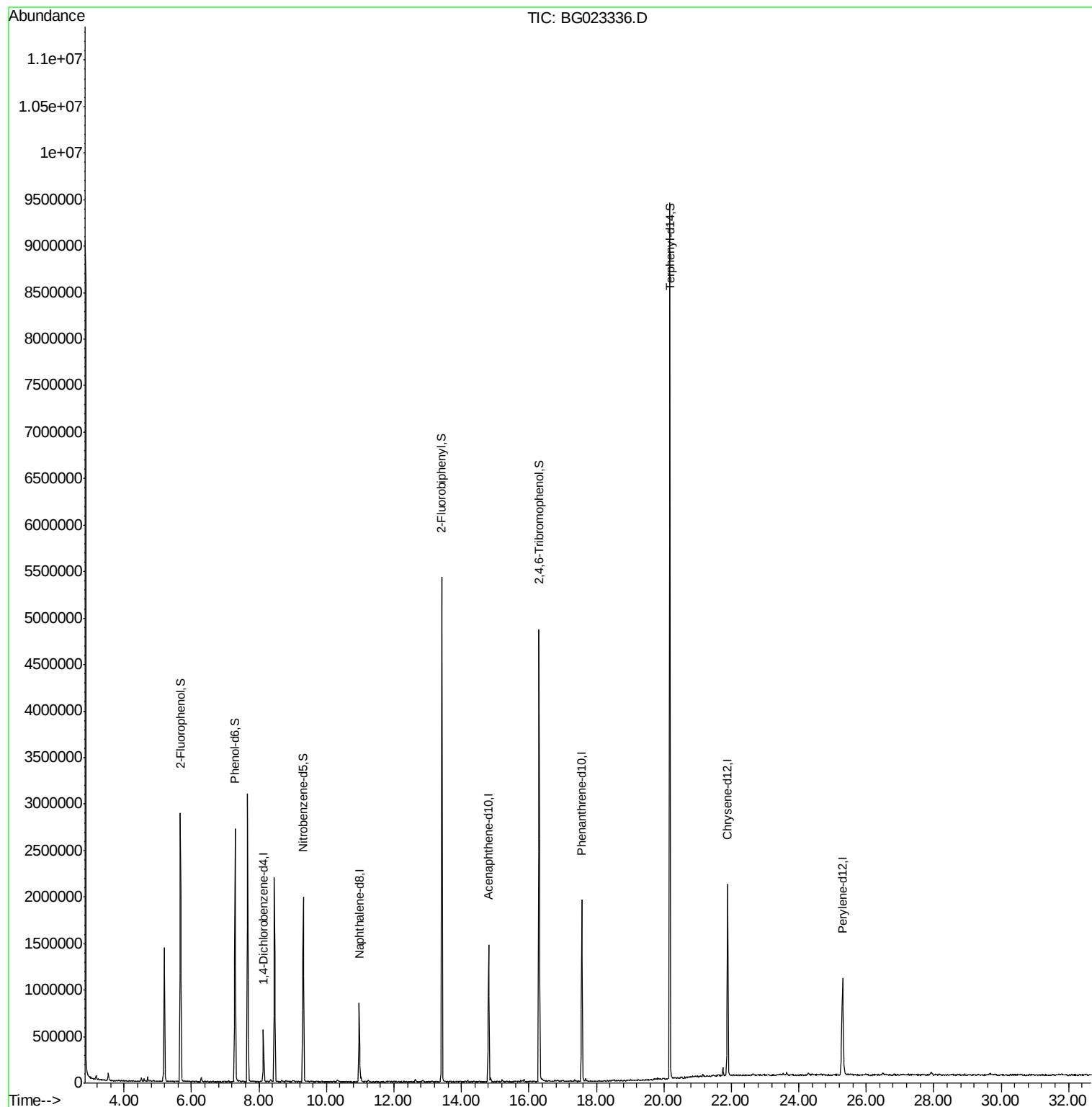
Target Compounds Qvalue

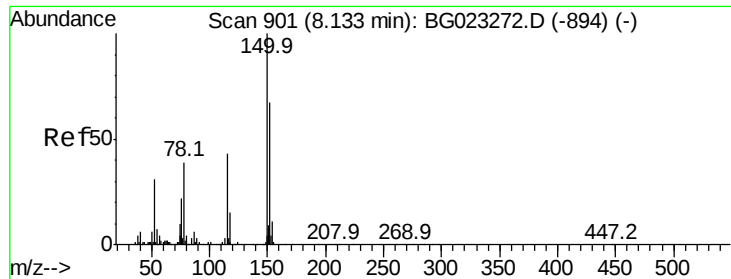
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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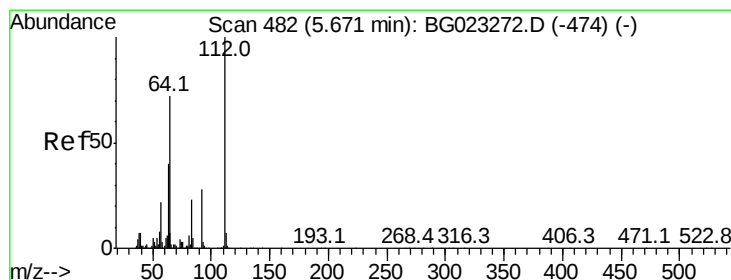
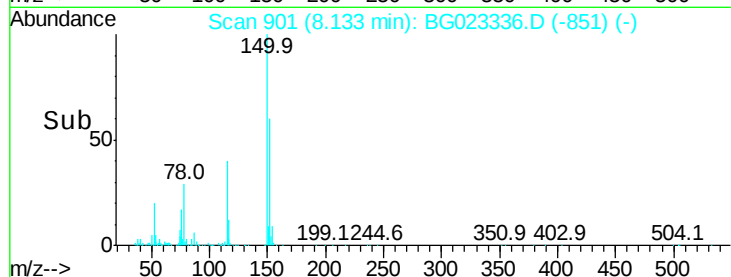
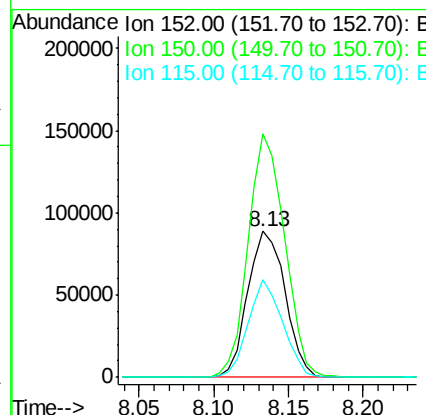
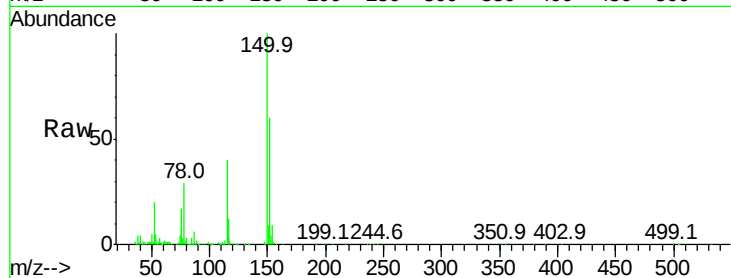


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023336.D
Acq: 29 Jul 2016 11:44

Instrument :
BNA_G
ClientSampleId :
I-1

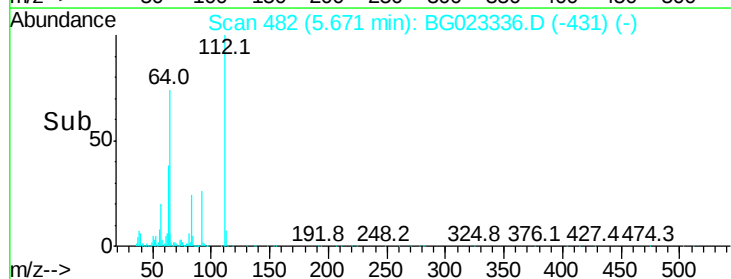
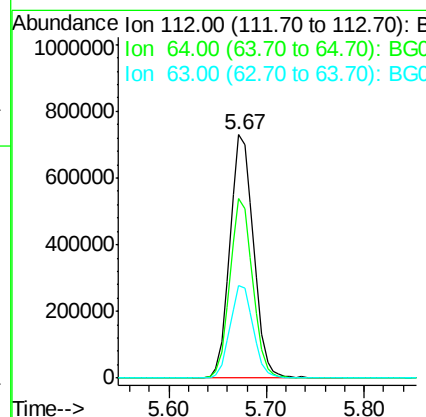
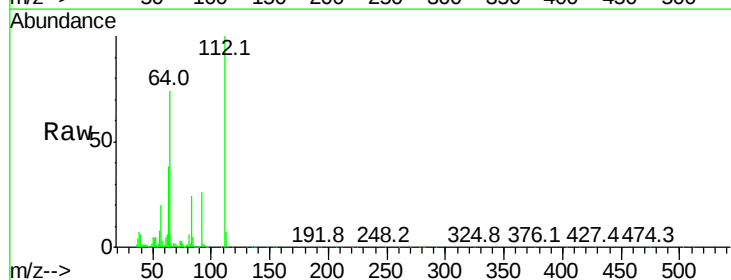
Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	144.7	217.1
115	66.7	64.0	96.0

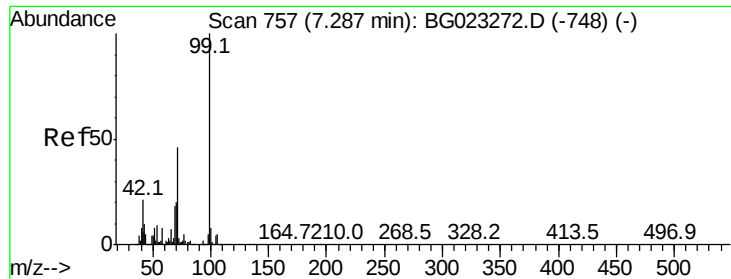


#5

2-Fluorophenol
Concen: 135.20 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023336.D
Acq: 29 Jul 2016 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	59.0	88.4
63	38.0	37.8	56.8





#7

Phenol-d6

Concen: 121.55 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

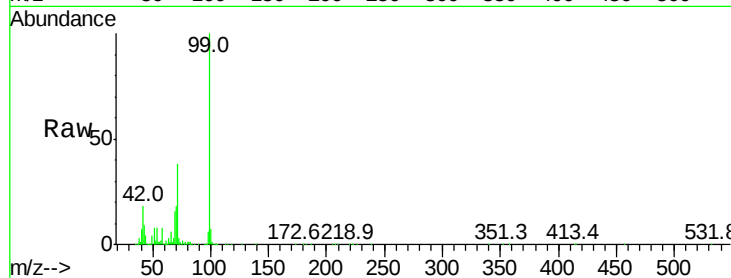
Tot Ion: 99 Resp: 1688239

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

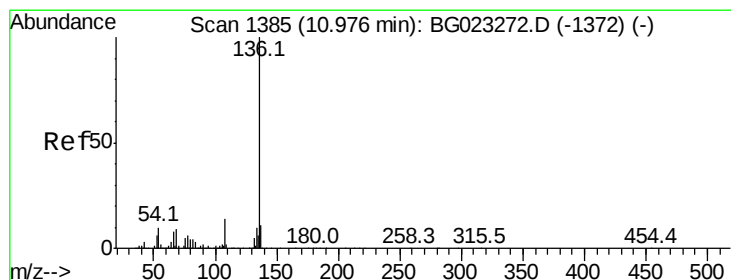
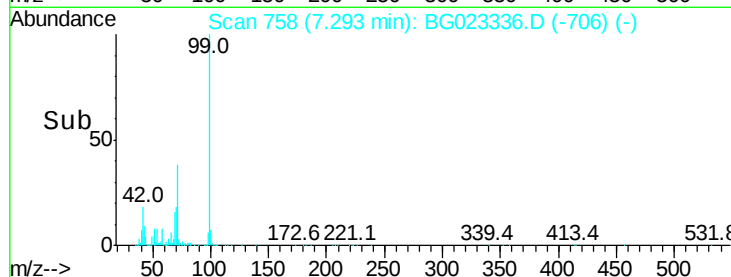
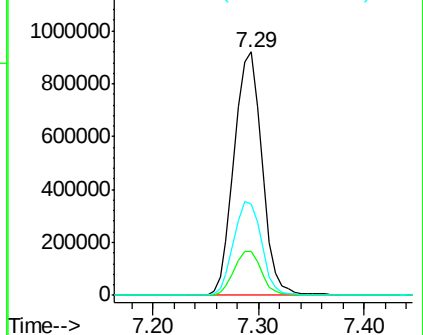
71 37.6 41.5 62.3#



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: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Tgt Ion: 136 Resp: 717168

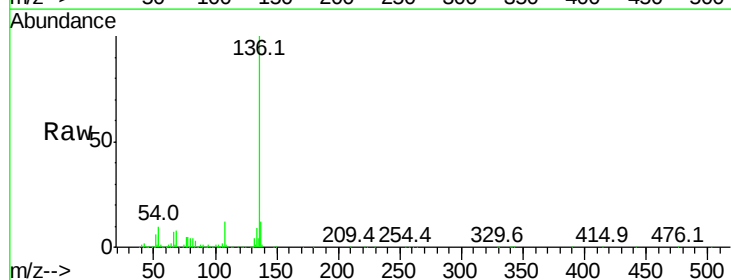
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 9.7 7.3 10.9

68 8.2 5.3 7.9#

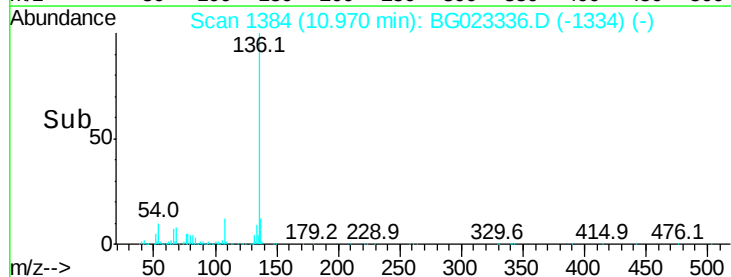
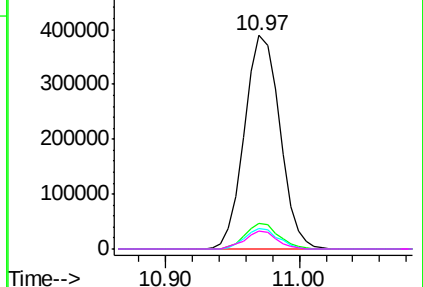


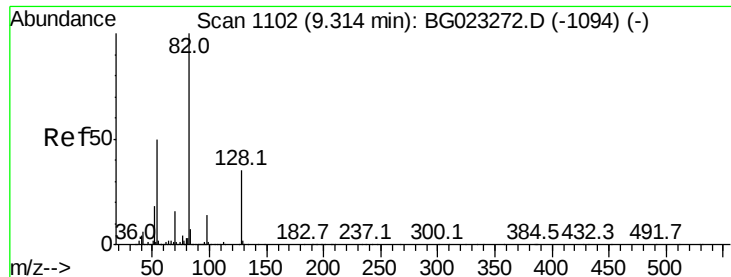
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 87.34 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

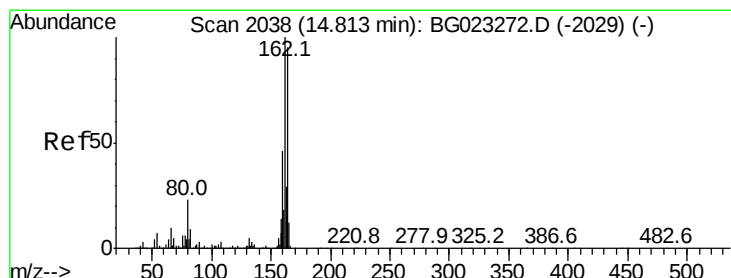
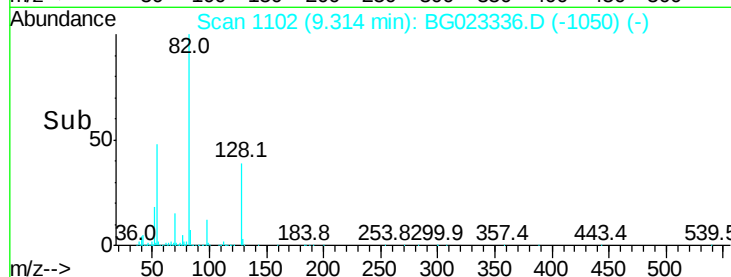
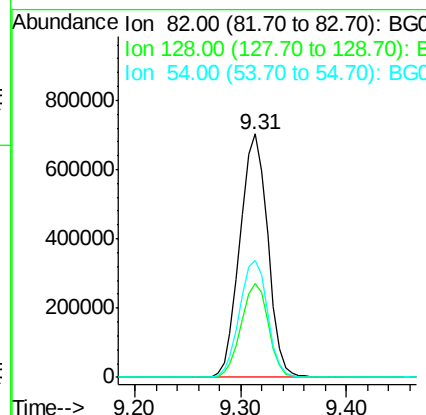
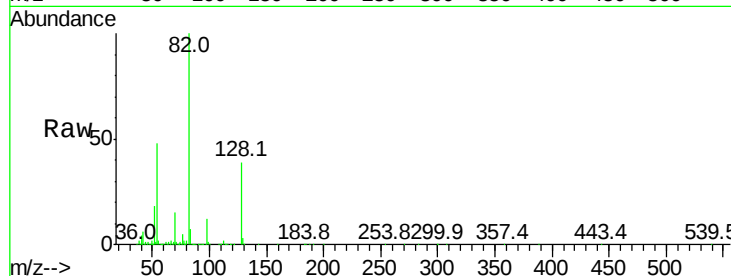
Tot Ion: 82 Resp: 1280895

Ion Ratio Lower Upper

82 100

128 38.8 24.4 36.6#

54 47.9 41.4 62.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

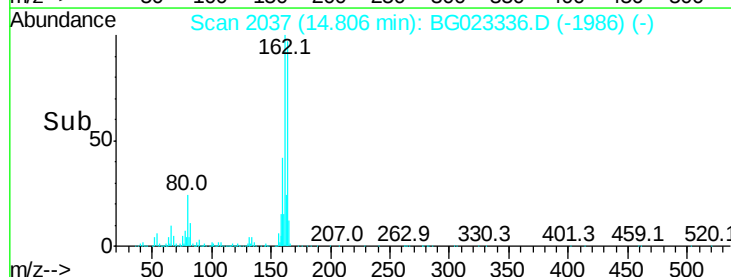
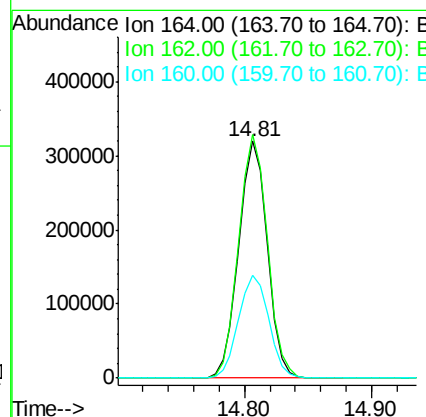
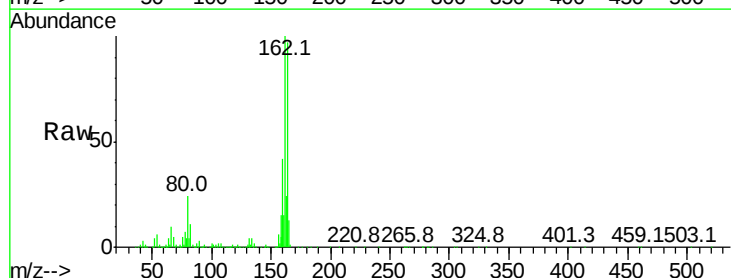
Tgt Ion:164 Resp: 496345

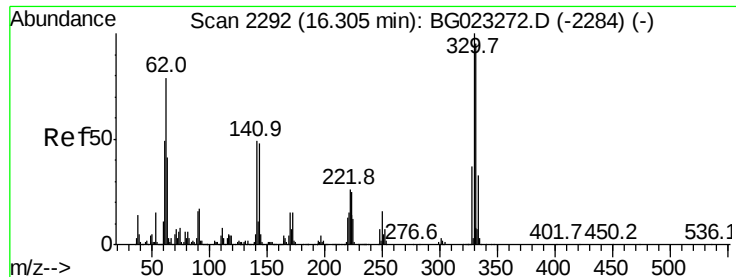
Ion Ratio Lower Upper

164 100

162 102.7 87.7 131.5

160 43.3 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 167.85 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

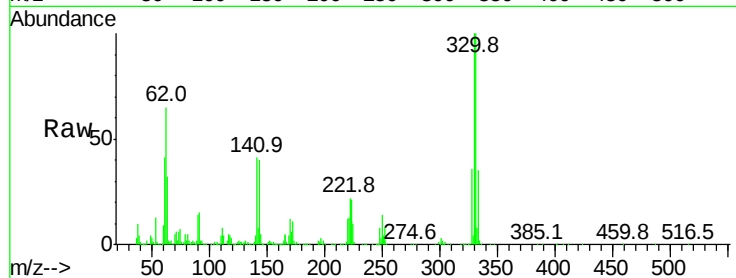
Tot Ion:330 Resp: 862304

Ion Ratio Lower Upper

330 100

332 100.0 77.4 116.2

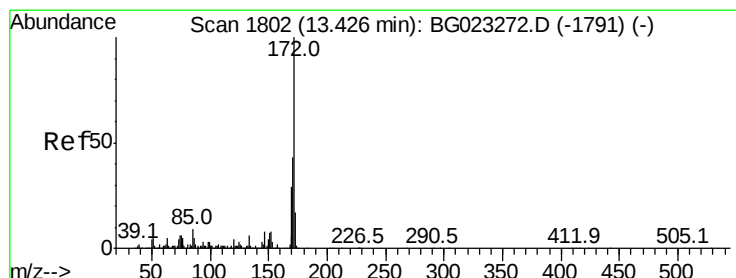
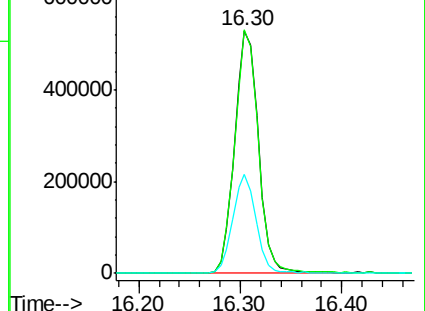
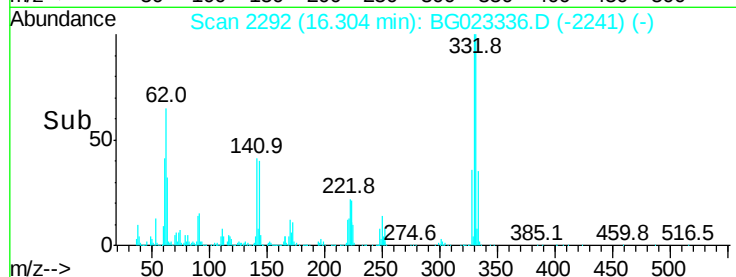
141 39.9 31.7 47.5



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: 97.55 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

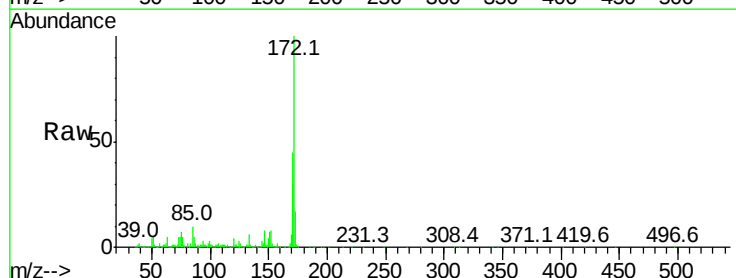
Tgt Ion:172 Resp: 2586918

Ion Ratio Lower Upper

172 100

171 45.1 31.6 47.4

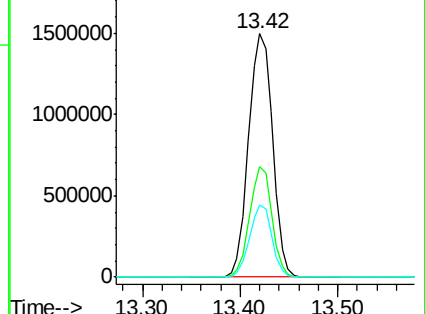
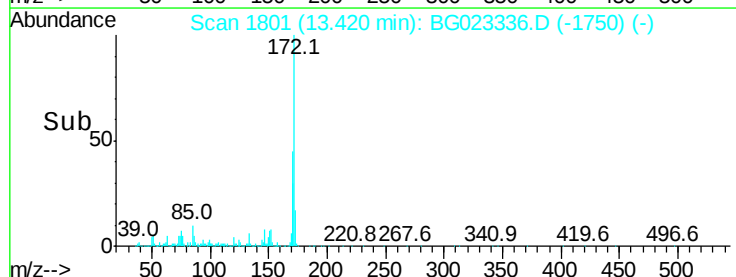
170 29.7 21.3 31.9

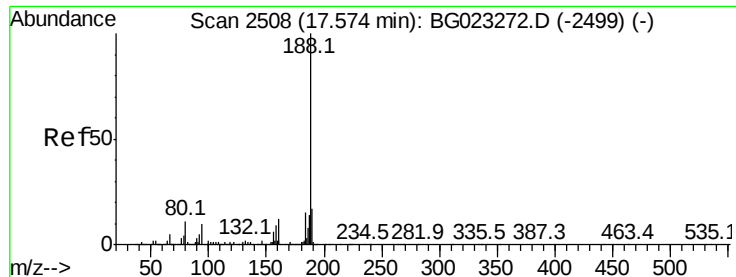


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

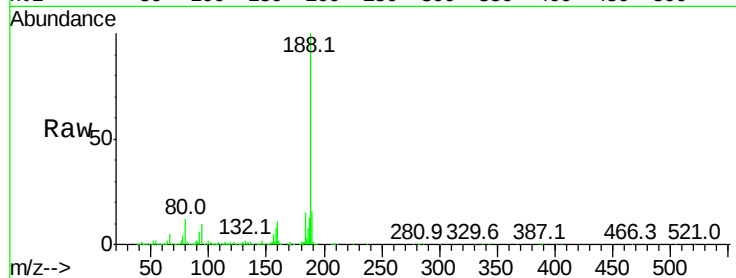
Tot Ion:188 Resp: 1185494

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

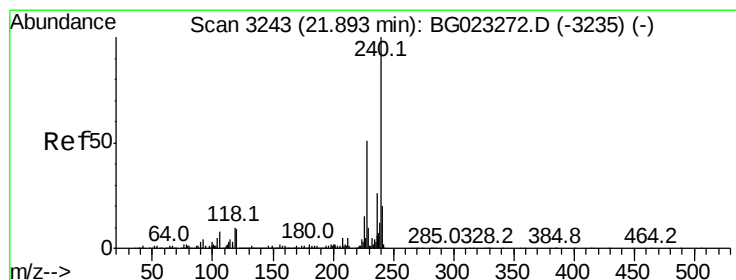
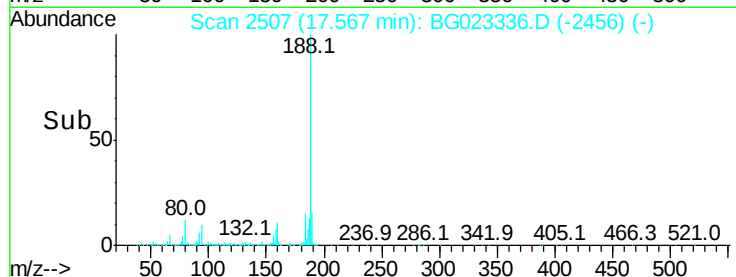
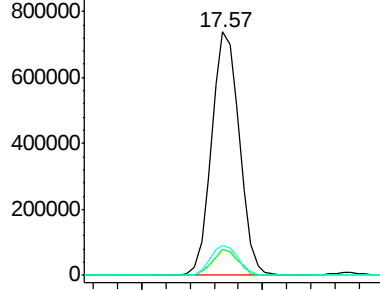
80 12.3 7.2 10.8#



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: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

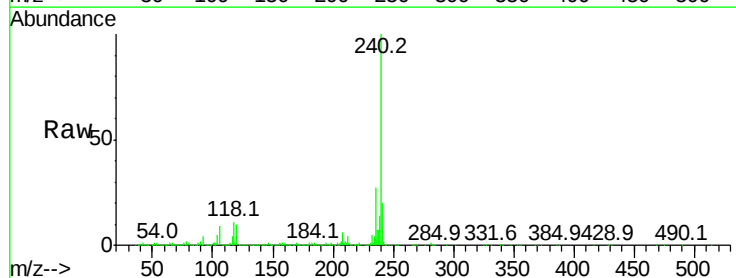
Tgt Ion:240 Resp: 1193290

Ion Ratio Lower Upper

240 100

120 10.5 4.1 6.1#

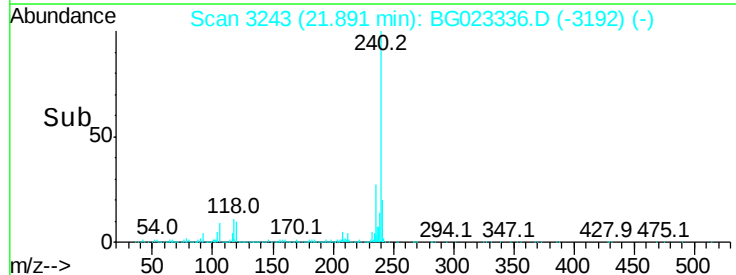
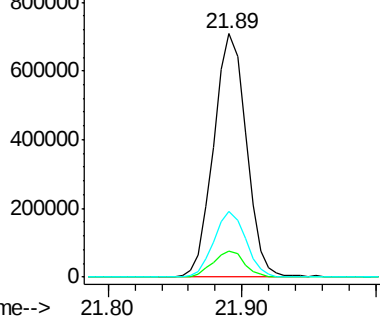
236 27.1 21.1 31.7

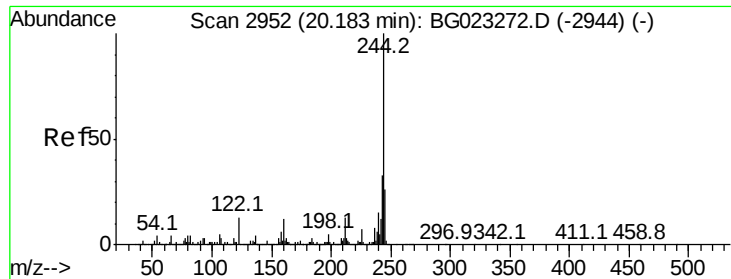


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.12 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

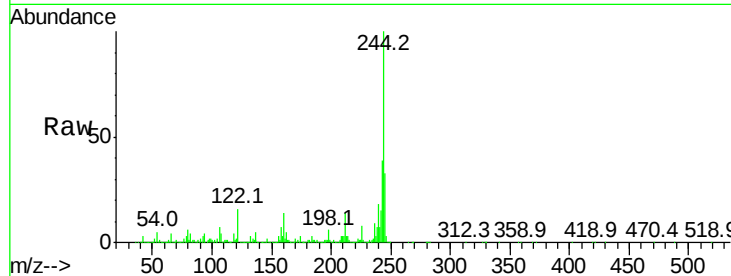
Tot Ion:244 Resp: 3271318

Ion	Ratio	Lower	Upper
244	100		
212	14.4	10.8	16.2
122	16.3	8.0	12.0

244 100

212 14.4 10.8 16.2

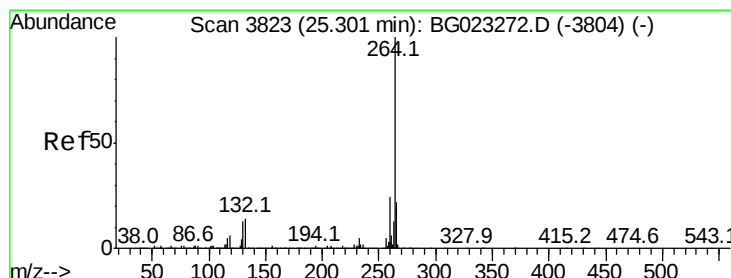
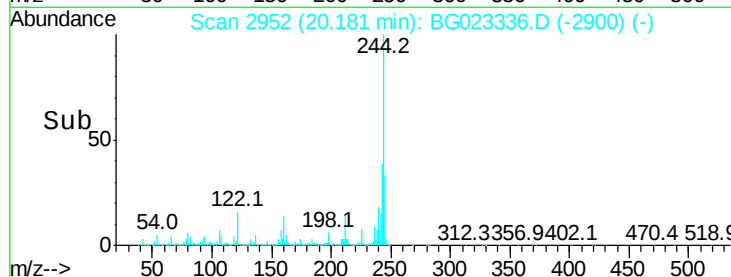
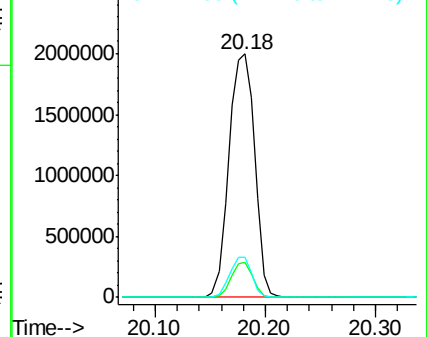
122 16.3 8.0 12.0



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

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

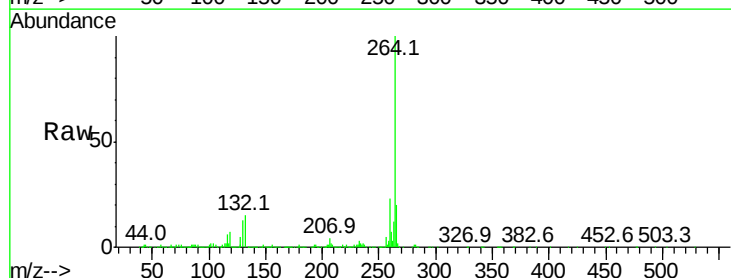
Tgt Ion:264 Resp: 1199144

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	19.5	18.9	28.3

264 100

260 22.9 18.4 27.6

265 19.5 18.9 28.3



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

