

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021102.D
 Acq On : 27 Feb 2016 6:38
 Operator : UM/SJ
 Sample : H1558-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-12

Quant Time: Feb 29 00:27:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

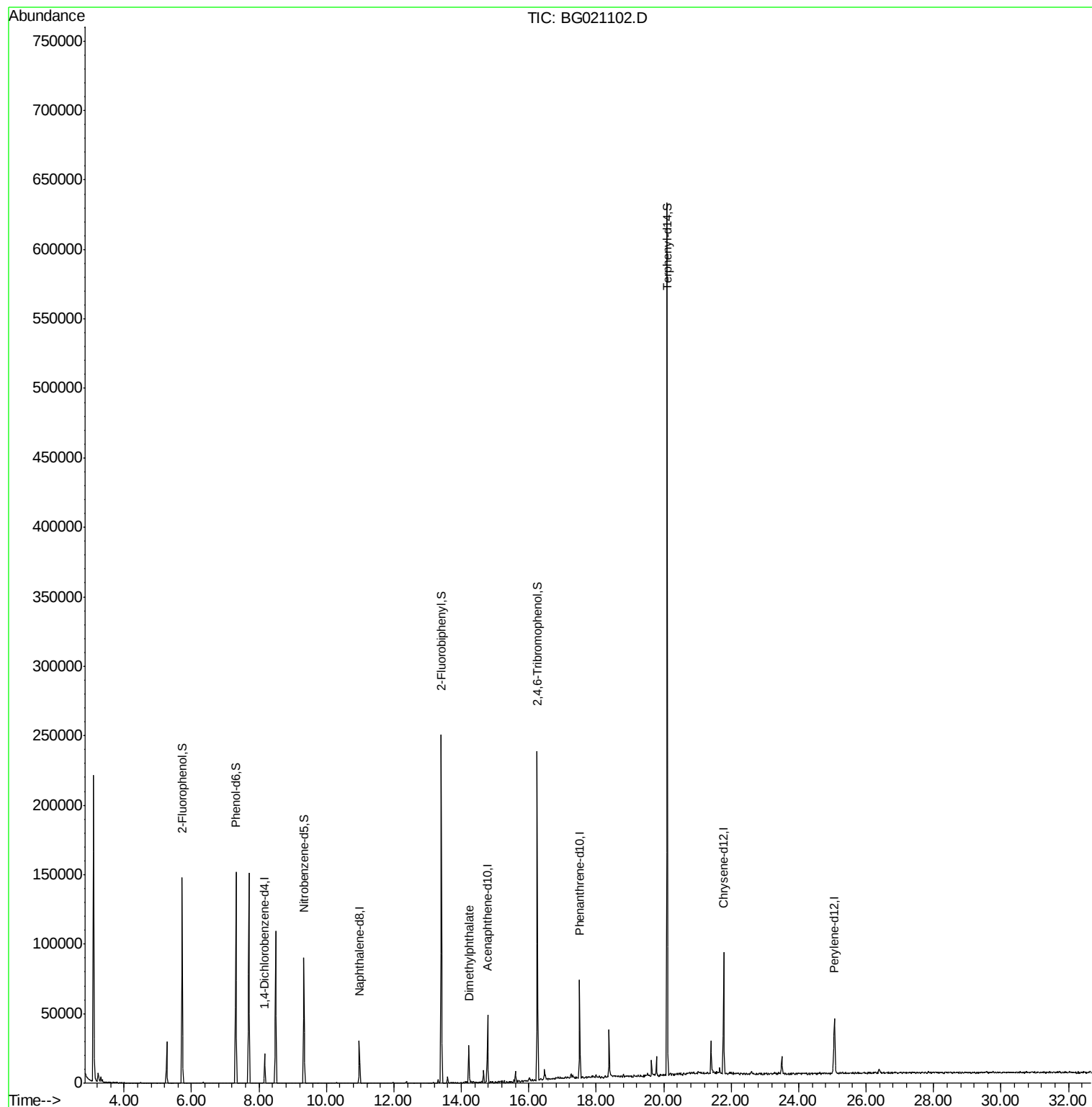
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5625	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	25051	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	15983	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	41761	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	51198	20.00	ng	-0.02
86) Perylene-d12	25.06	264	46668	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	55618	173.11	ng	0.00
7) Phenol-d6	7.32	99	81908	171.32	ng	-0.01
23) Nitrobenzene-d5	9.33	82	56721	107.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	34694	165.56	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	127746	102.28	ng	0.00
78) Terphenyl-d14	20.10	244	250658	114.42	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	15760	11.44	ng	# 98

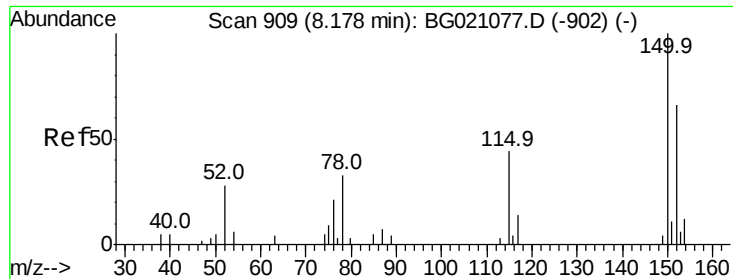
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 26 16:39:44 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

Instrument :

BNA_G

ClientSampleId :

S-12

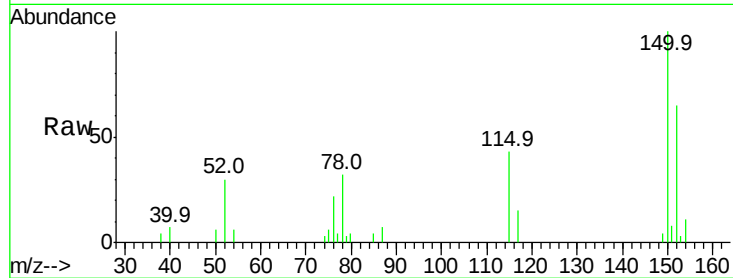
Tot Ion:152 Resp: 5625

Ion Ratio Lower Upper

152 100

150 153.3 123.4 185.2

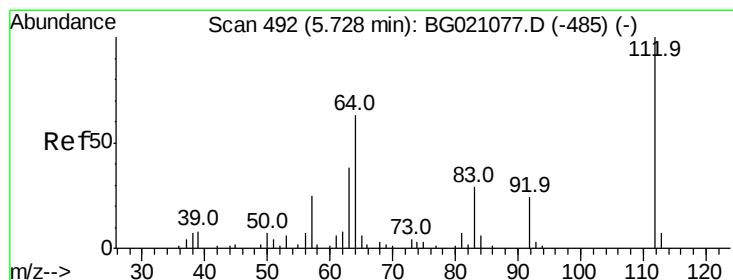
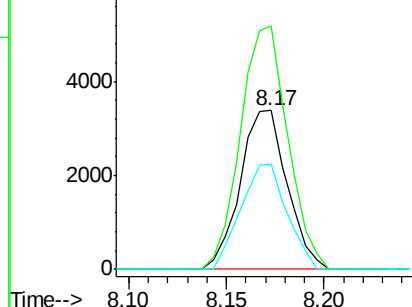
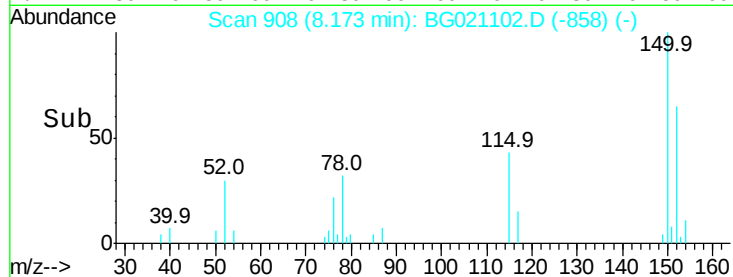
115 66.5 43.3 64.9#



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: 173.11 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

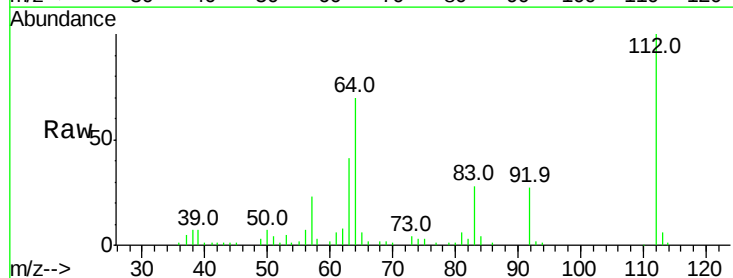
Tgt Ion:112 Resp: 55618

Ion Ratio Lower Upper

112 100

64 69.9 42.6 63.8#

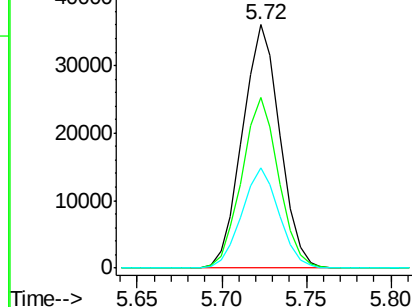
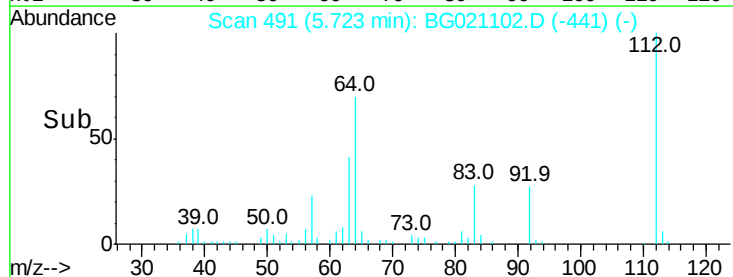
63 40.9 21.7 32.5#



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: 171.32 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

Instrument :

BNA_G

ClientSampleId :

S-12

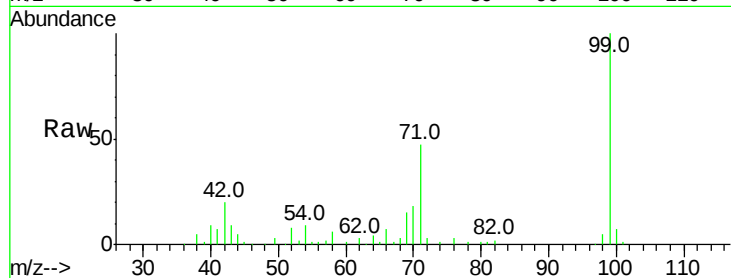
Tot Ion: 99 Resp: 81908

Ion Ratio Lower Upper

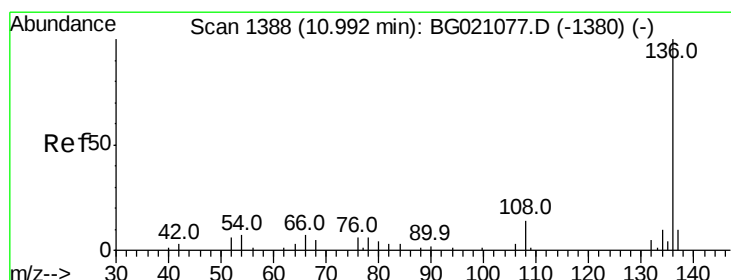
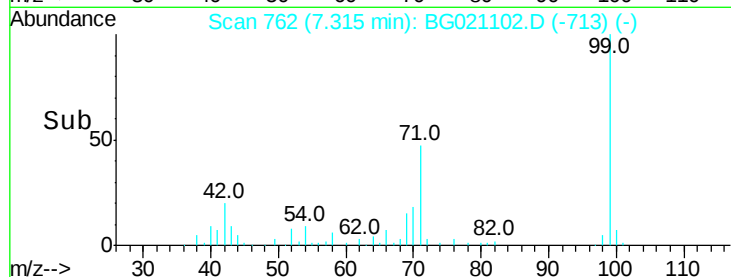
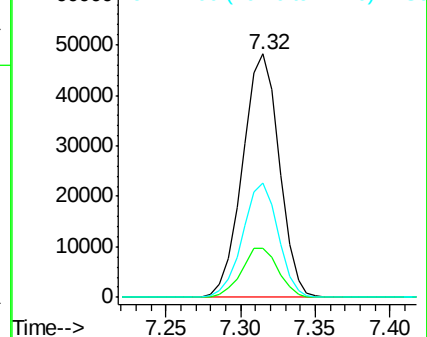
99 100

42 20.2 13.2 19.8#

71 47.0 25.2 37.8#



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: 10.98 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

Tgt Ion:136 Resp: 25051

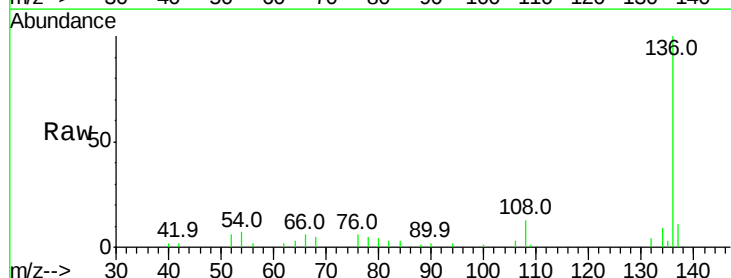
Ion Ratio Lower Upper

136 100

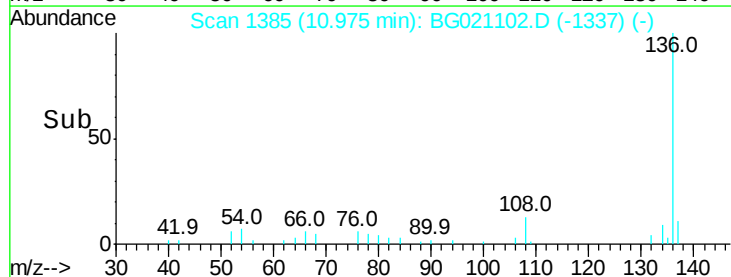
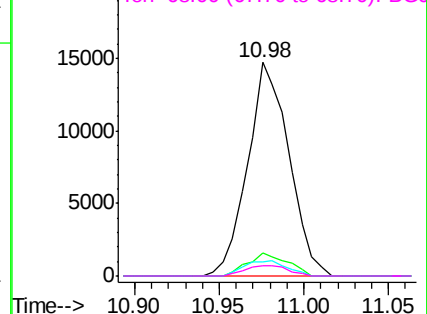
137 10.6 8.8 13.2

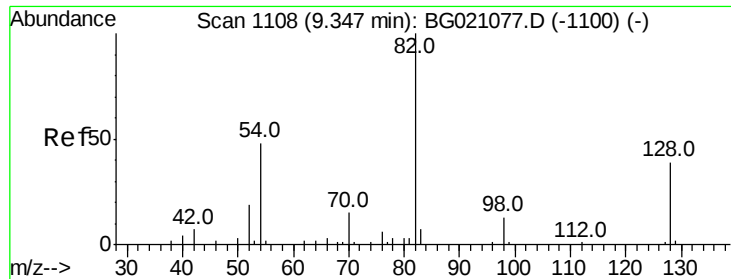
54 6.7 6.9 10.3#

68 5.0 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

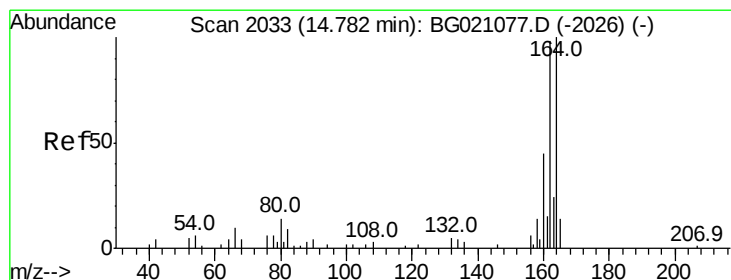
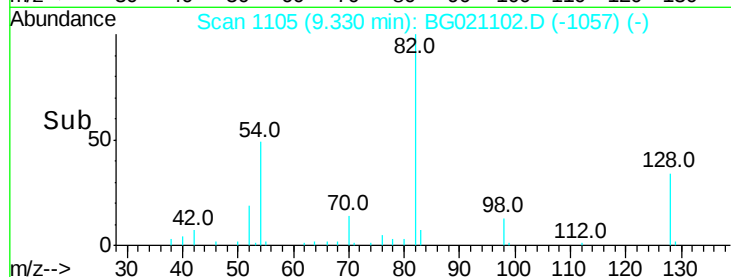
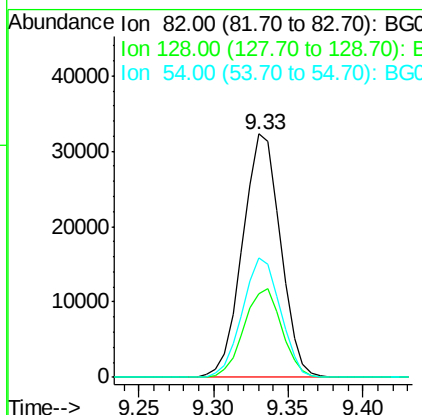
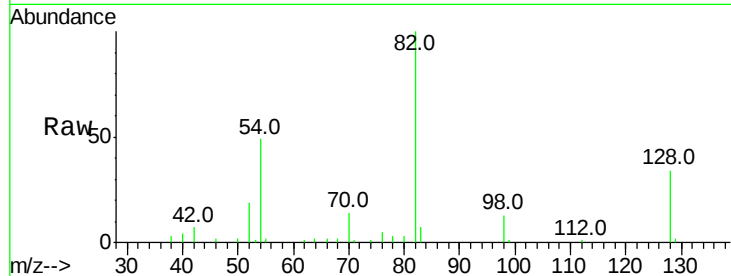




#23
Nitrobenzene-d5
Concen: 107.88 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021102.D
Acq: 27 Feb 2016 6:38

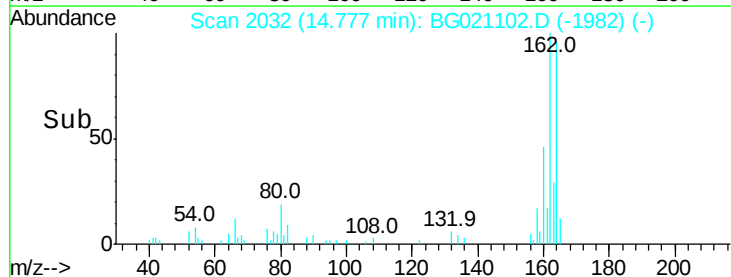
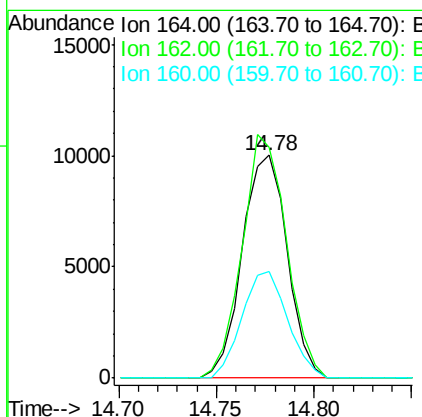
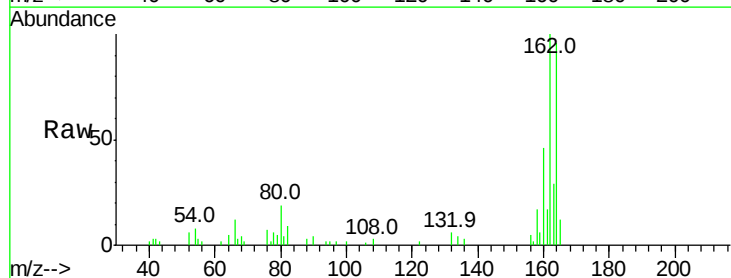
Instrument :
BNA_G
ClientSampleId :
S-12

Tot Ion: 82 Resp: 56721
Ion Ratio Lower Upper
82 100
128 34.4 36.3 54.5#
54 48.9 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG021102.D
Acq: 27 Feb 2016 6:38

Tgt Ion: 164 Resp: 15983
Ion Ratio Lower Upper
164 100
162 103.8 80.6 120.8
160 48.1 36.5 54.7

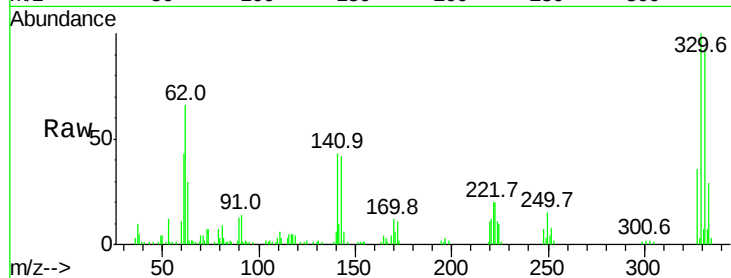




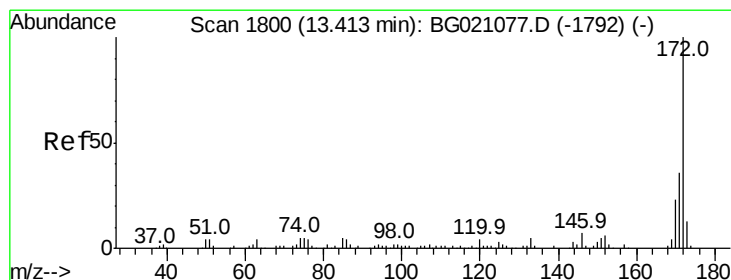
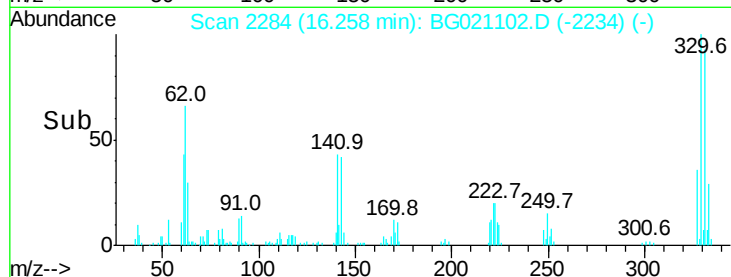
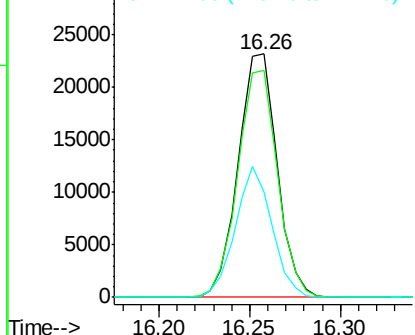
#41
 2,4,6-Tribromophenol
 Concen: 165.56 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG021102.D
 Acq: 27 Feb 2016 6:38

Instrument :
 BNA_G
 ClientSampleId :
 S-12

Tot Ion:330 Resp: 34694
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.0
 141 50.3 35.3 52.9

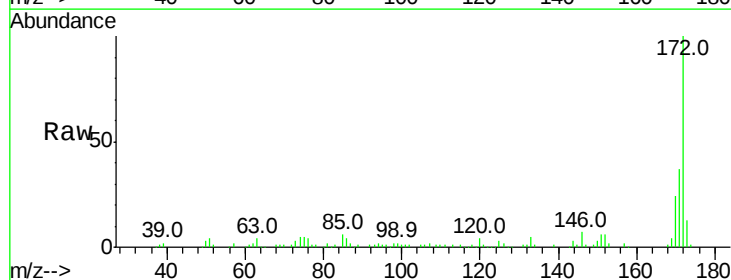


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

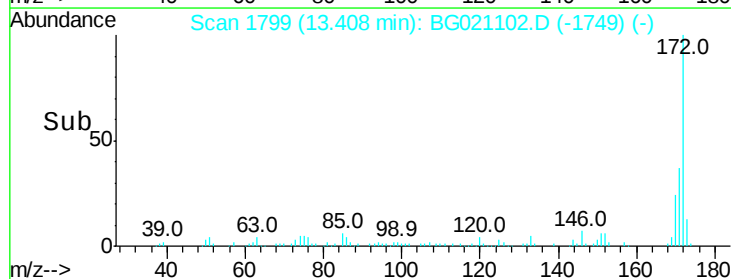
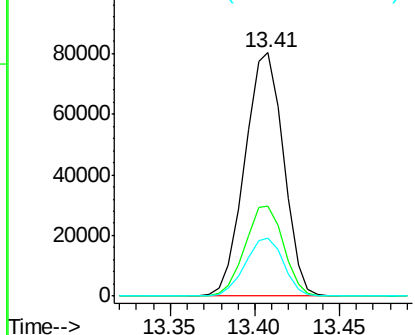


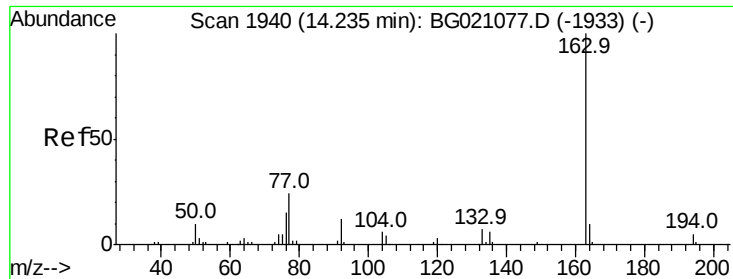
#44
 2-Fluorobiphenyl
 Concen: 102.28 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG021102.D
 Acq: 27 Feb 2016 6:38

Tgt Ion:172 Resp: 127746
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.0 19.8 29.8



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: 11.44 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

Instrument :

BNA_G

ClientSampleId :

S-12

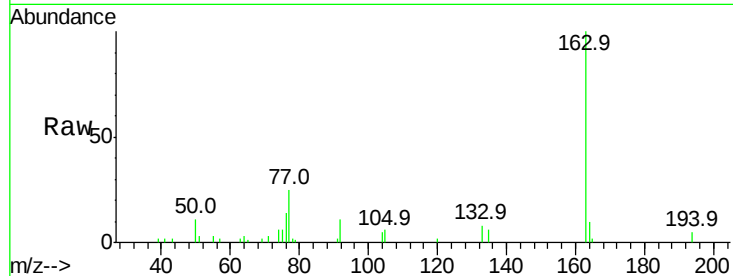
Tot Ion:163 Resp: 15760

Ion Ratio Lower Upper

163 100

194 5.1 2.8 4.2#

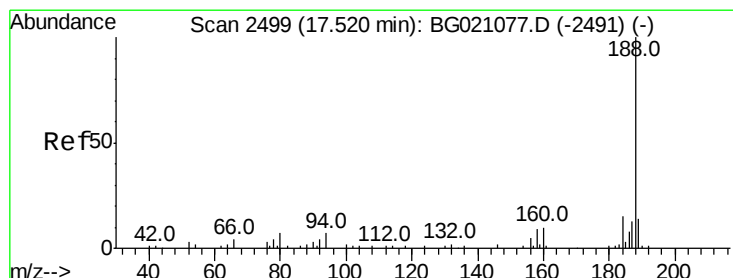
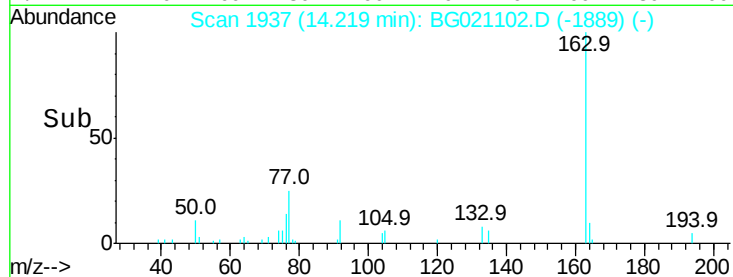
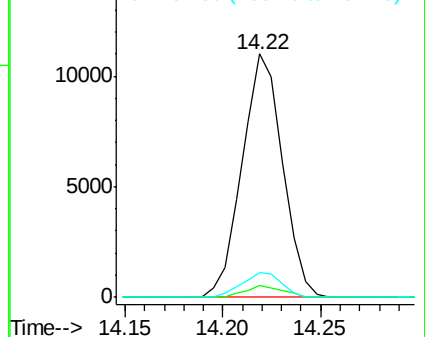
164 10.3 7.9 11.9



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: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

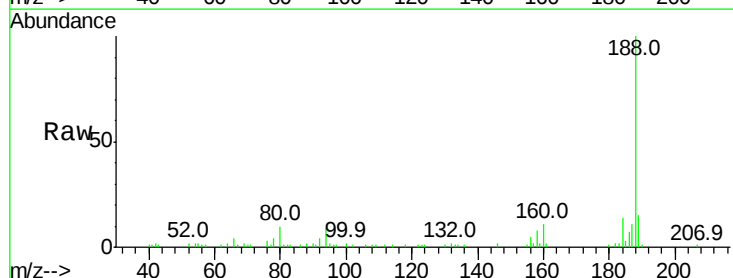
Tgt Ion:188 Resp: 41761

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

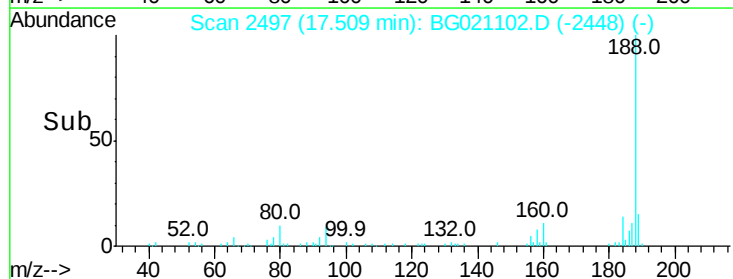
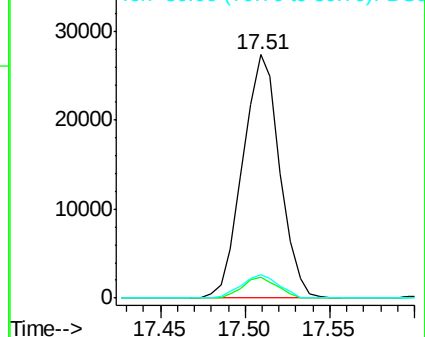
80 9.9 9.2 13.8

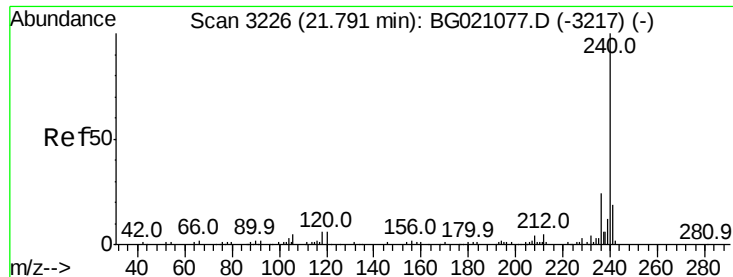


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.77 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

Instrument :

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ClientSampleId :

S-12

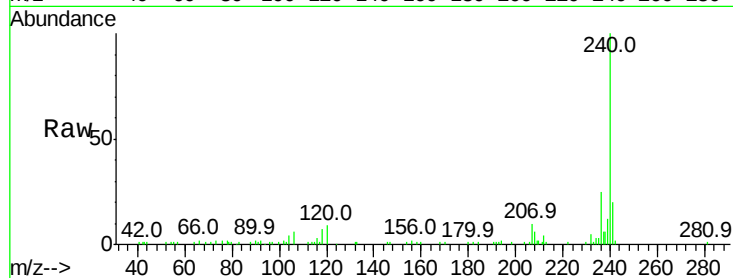
Tot Ion:240 Resp: 51198

Ion Ratio Lower Upper

240 100

120 8.9 7.5 11.3

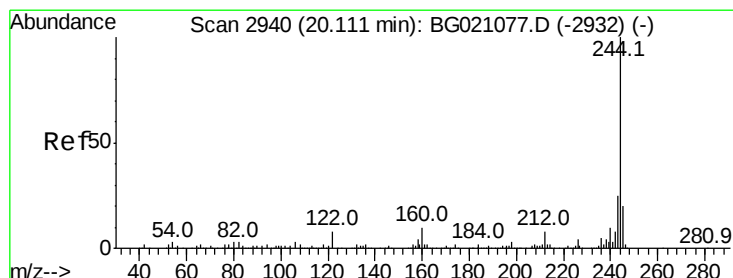
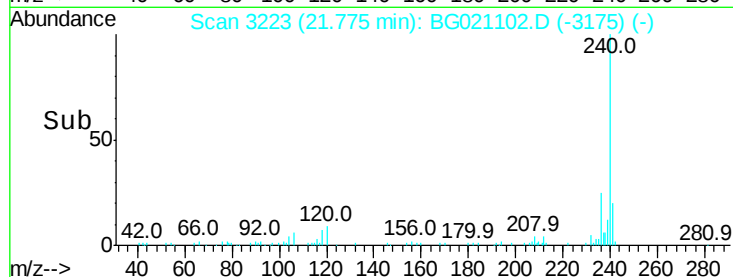
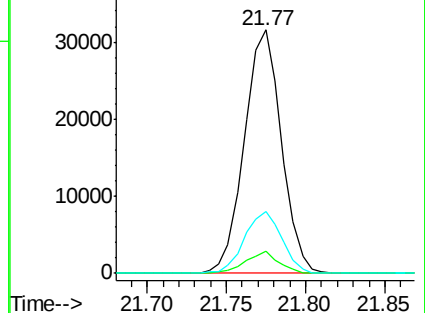
236 25.4 20.5 30.7



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: 114.42 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021102.D

Acq: 27 Feb 2016 6:38

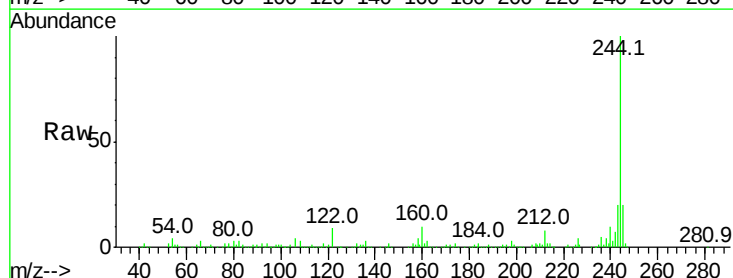
Tgt Ion:244 Resp: 250658

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

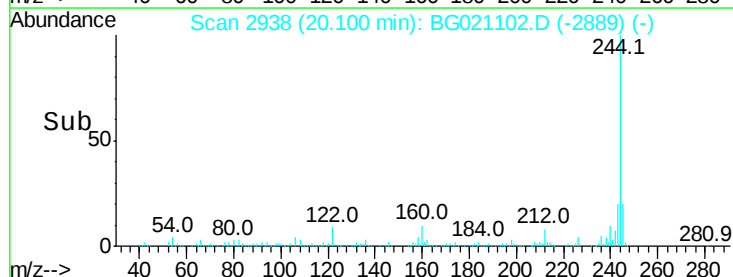
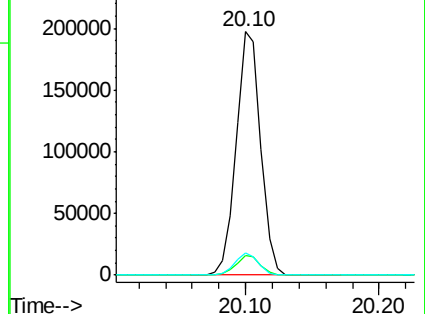
122 9.0 8.3 12.5

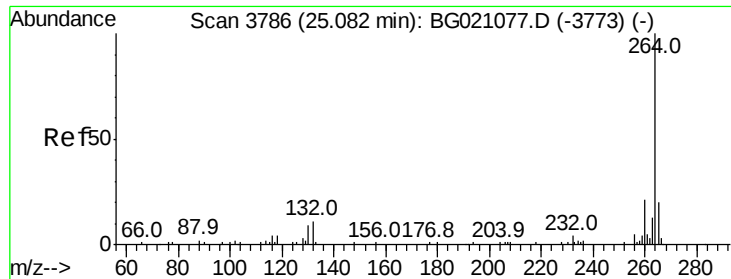


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

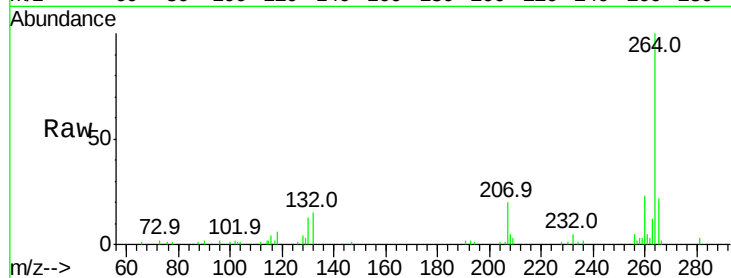




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021102.D
 Acq: 27 Feb 2016 6:38

Instrument :
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 ClientSampleId :
 S-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.4	18.6	28.0



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

