

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021068.D
 Acq On : 25 Feb 2016 1:51
 Operator : UM/SJ
 Sample : H1521-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5(0-2)

Quant Time: Feb 25 03:33:15 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

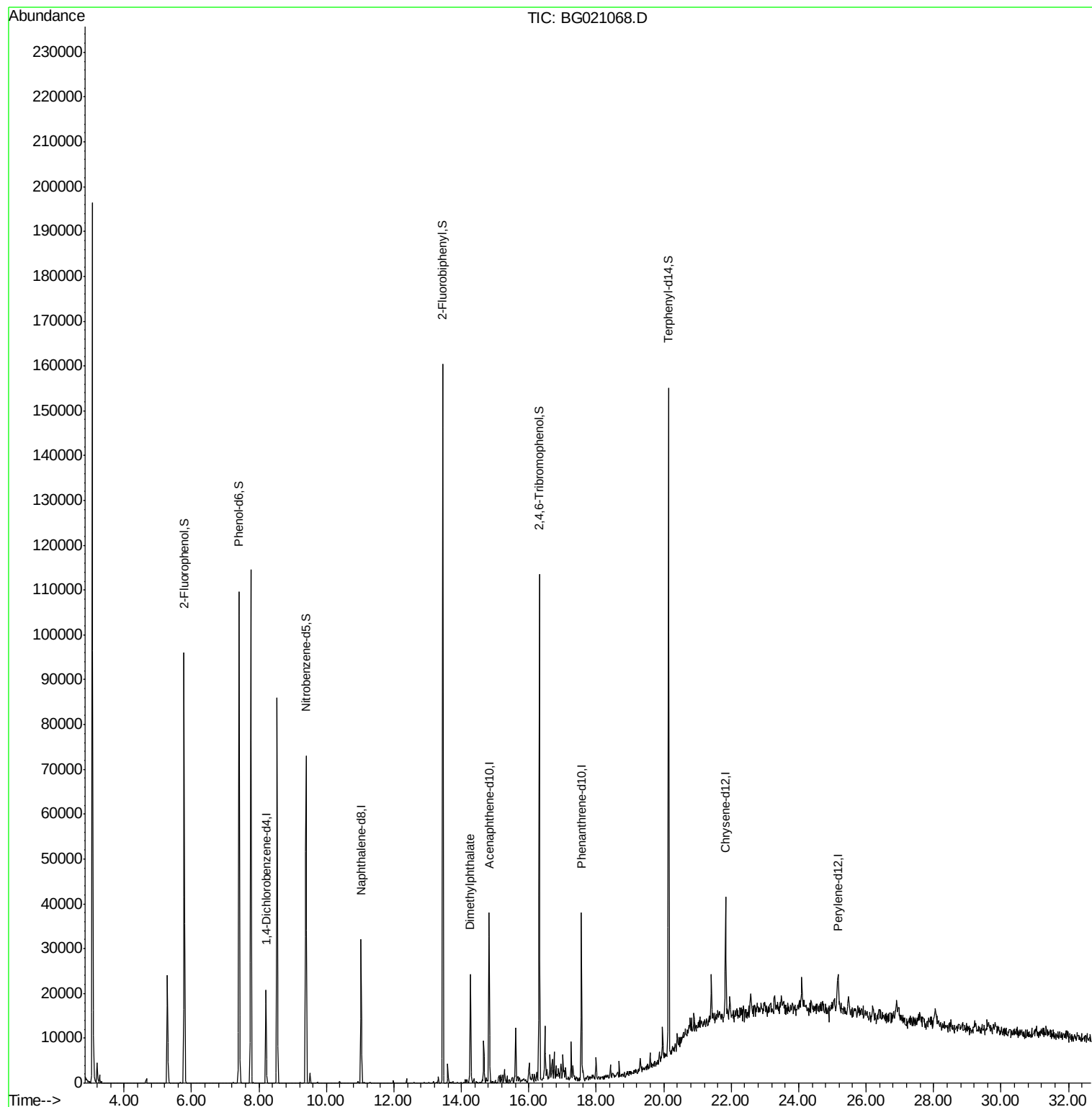
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	6146	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	28659	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13280	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	21909	20.00	ng	0.00
75) Chrysene-d12	21.84	240	16365	20.00	ng	0.00
86) Perylene-d12	25.16	264	10525	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	46127	131.58	ng	0.00
7) Phenol-d6	7.41	99	70242	130.10	ng	0.00
23) Nitrobenzene-d5	9.39	82	46532	95.33	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19598	123.19	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	78802	82.61	ng	0.00
78) Terphenyl-d14	20.14	244	56442	44.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	15411	14.23	ng	Qvalue 99

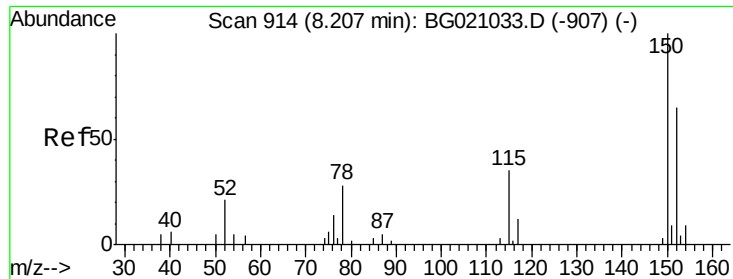
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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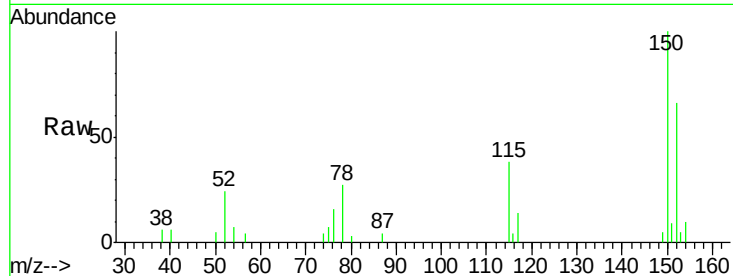


#1

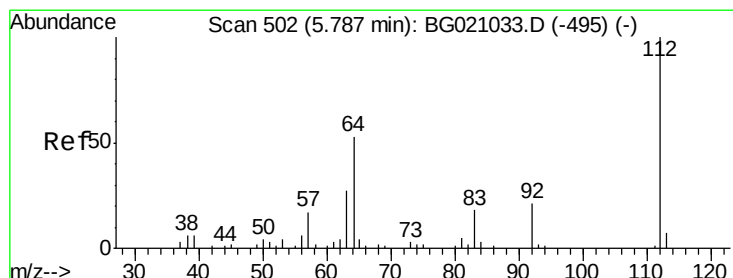
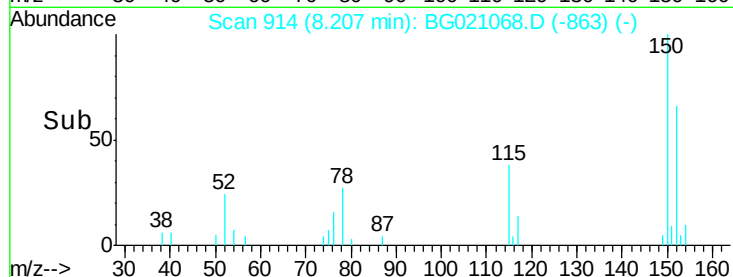
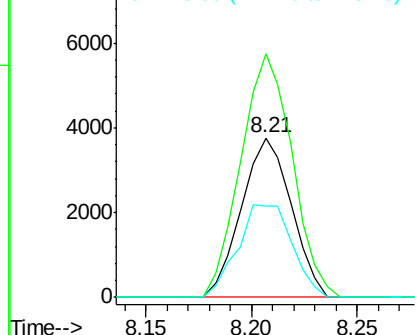
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG021068.D
Acq: 25 Feb 2016 1:51

Instrument :
BNA_G
ClientSampleId :
SP-5(0-2)

Tot Ion:152 Resp: 6146
Ion Ratio Lower Upper
152 100
150 152.5 123.4 185.2
115 57.4 43.3 64.9



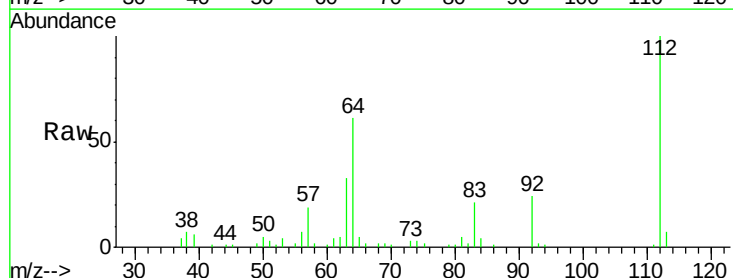
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



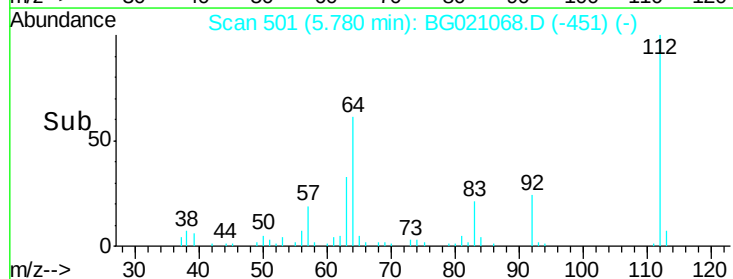
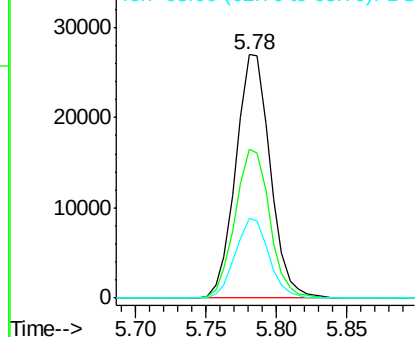
#5

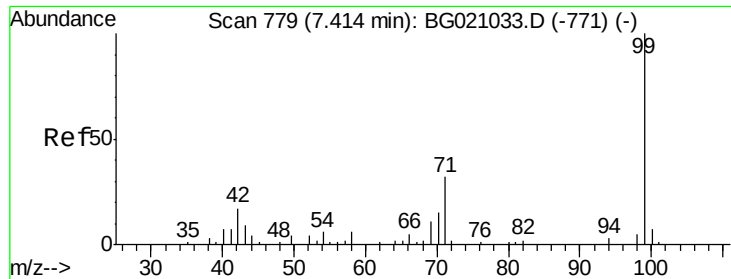
2-Fluorophenol
Concen: 131.58 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.01 min
Lab File: BG021068.D
Acq: 25 Feb 2016 1:51

Tgt Ion:112 Resp: 46127
Ion Ratio Lower Upper
112 100
64 61.4 42.6 63.8
63 32.9 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.10 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

Instrument :

BNA_G

ClientSampled :

SP-5(0-2)

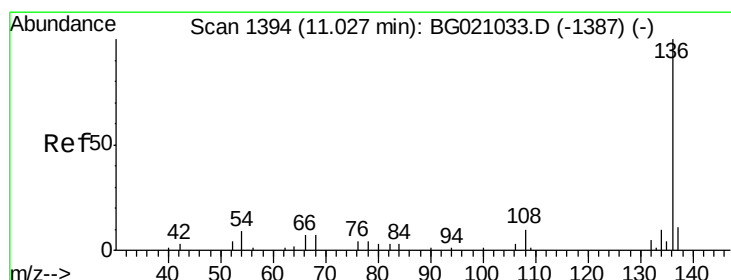
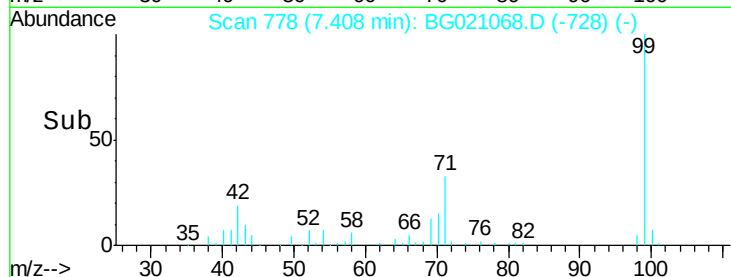
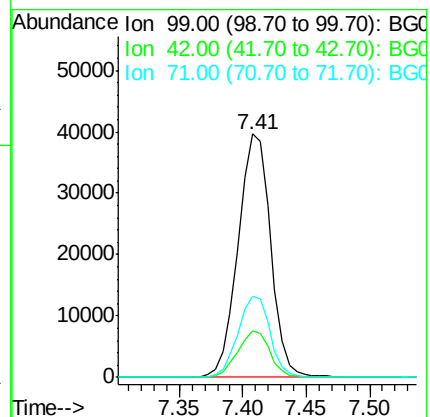
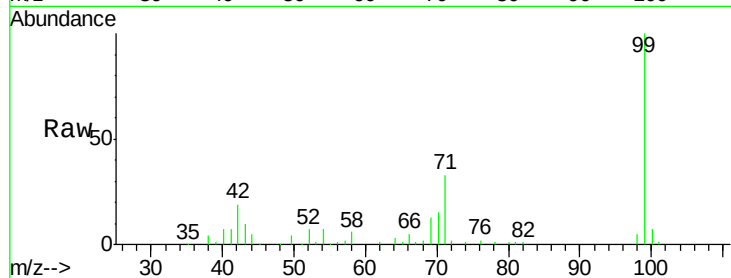
Tot Ion: 99 Resp: 70242

Ion Ratio Lower Upper

99 100

42 18.9 13.2 19.8

71 33.5 25.2 37.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

Tgt Ion: 136 Resp: 28659

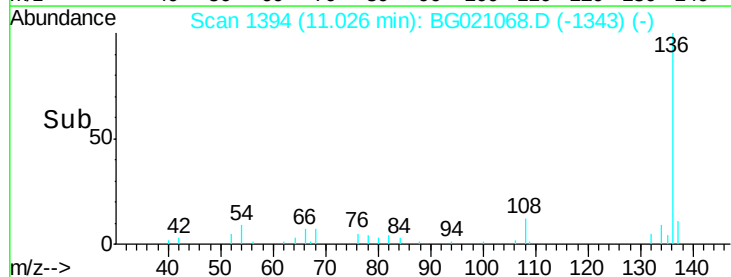
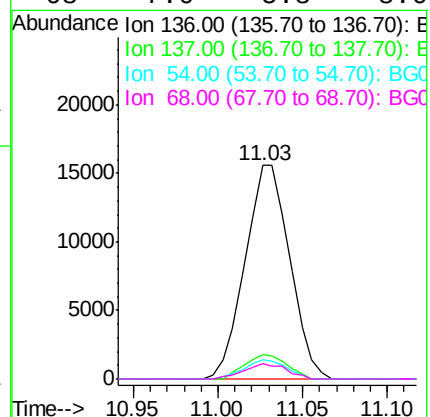
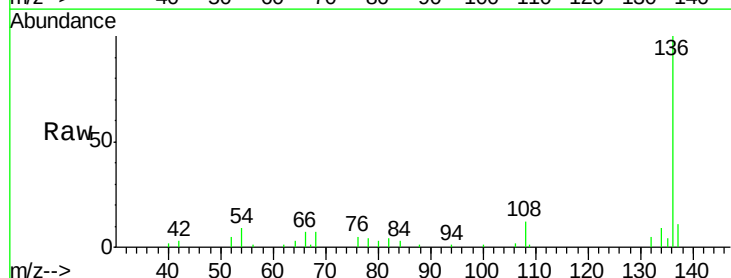
Ion Ratio Lower Upper

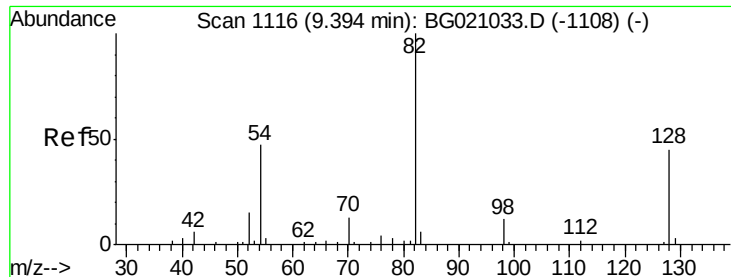
136 100

137 11.4 8.8 13.2

54 9.1 6.9 10.3

68 7.0 5.8 8.6

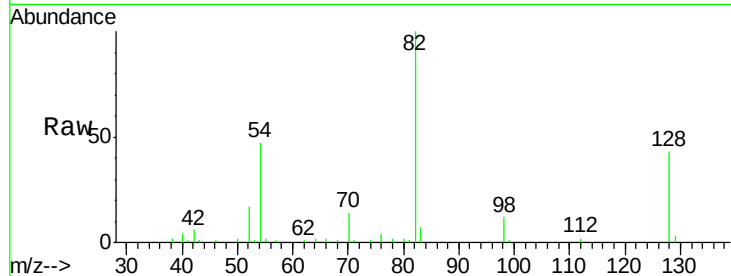




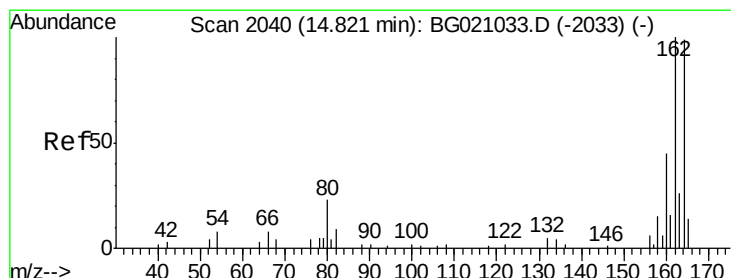
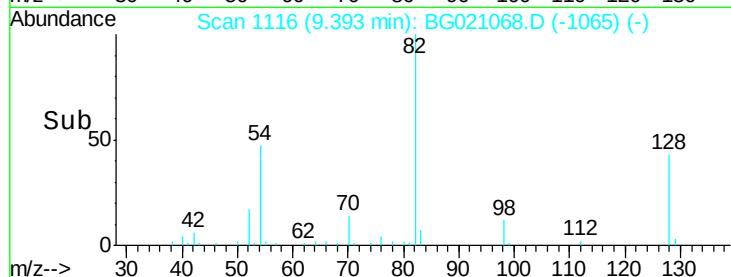
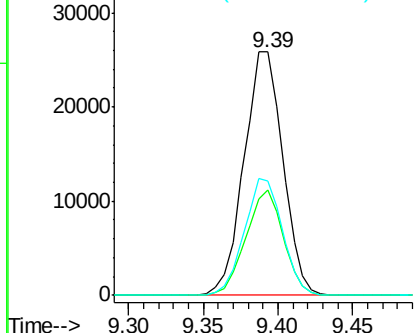
#23
Nitrobenzene-d5
Concen: 95.33 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG021068.D
Acq: 25 Feb 2016 1:51

Instrument :
BNA_G
ClientSampled :
SP-5(0-2)

Tot Ion	82	Resp	46532
Ion Ratio	100	Lower	Upper
128	43.1	36.3	54.5
54	47.0	37.6	56.4

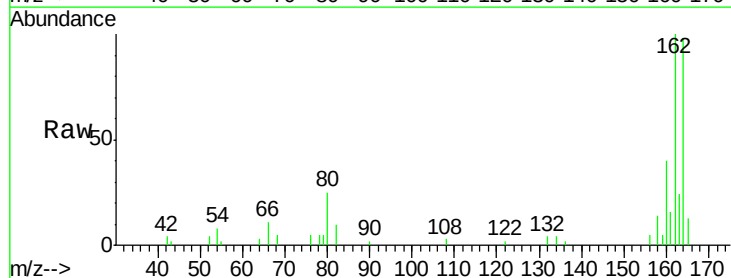


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

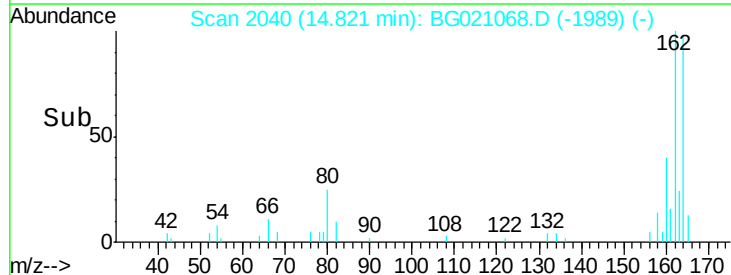
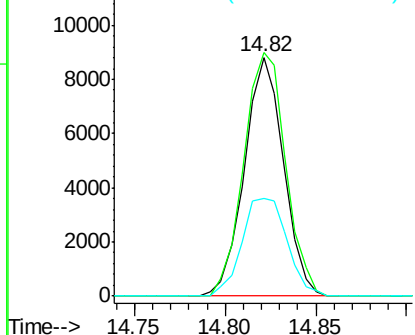


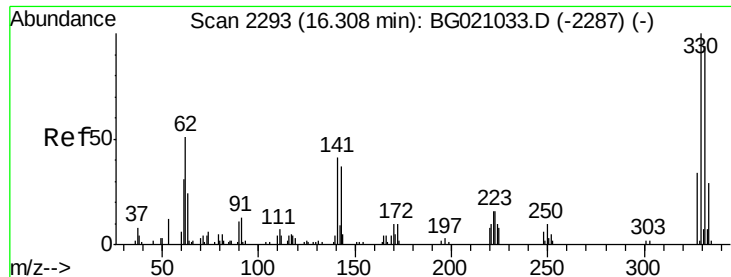
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021068.D
Acq: 25 Feb 2016 1:51

Tgt Ion	164	Resp	13280
Ion Ratio	100	Lower	Upper
162	102.0	80.6	120.8
160	40.9	36.5	54.7



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





#41

2,4,6-Tribromophenol

Concen: 123.19 ng

RT: 16.31 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

Instrument :

BNA_G

ClientSampleId :

SP-5(0-2)

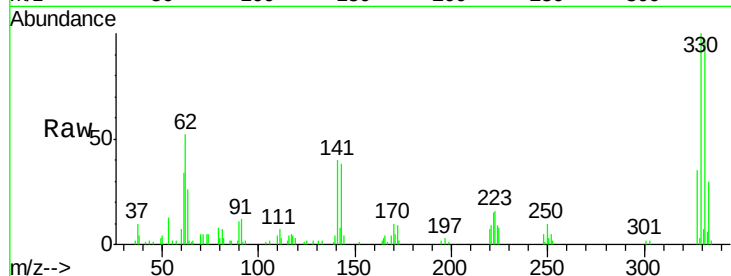
Tot Ion:330 Resp: 19598

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

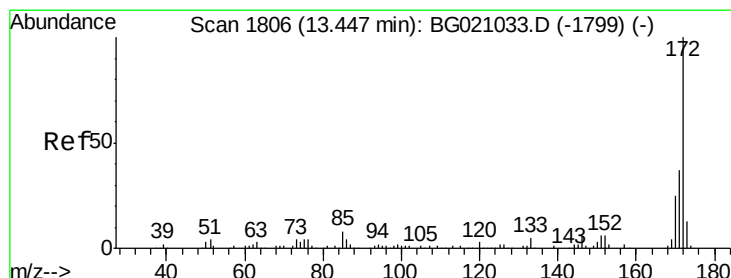
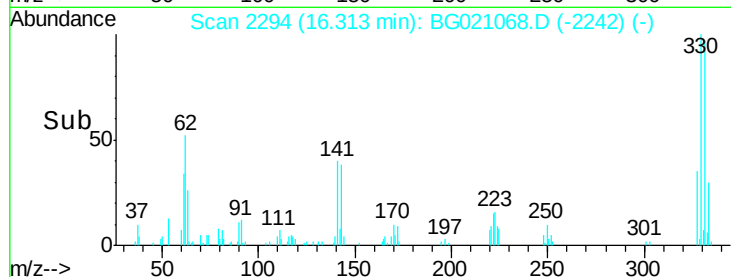
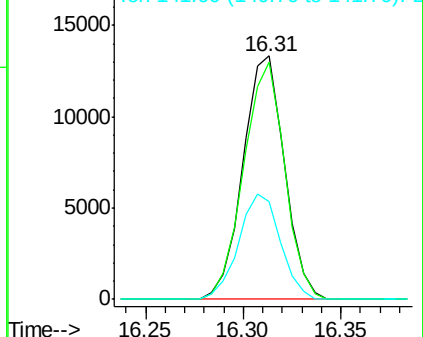
141 43.4 35.3 52.9



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: 82.61 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

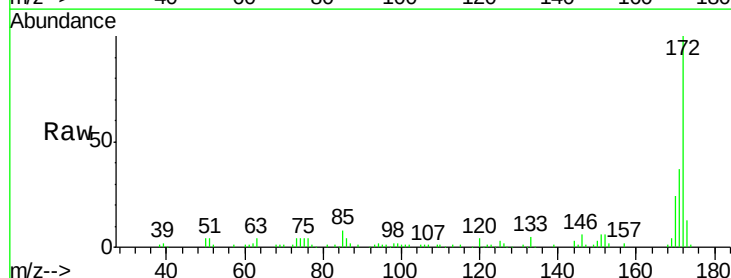
Tgt Ion:172 Resp: 78802

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

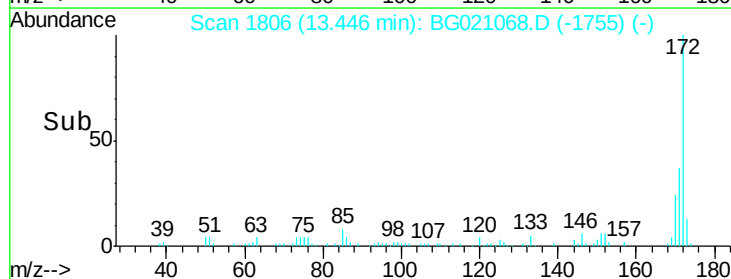
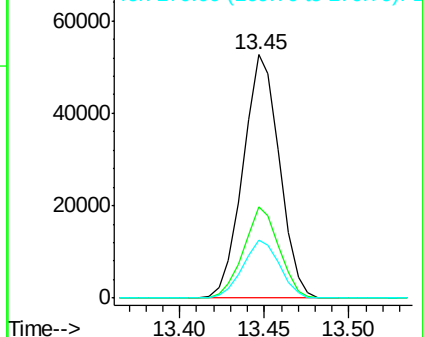
170 23.6 19.8 29.8

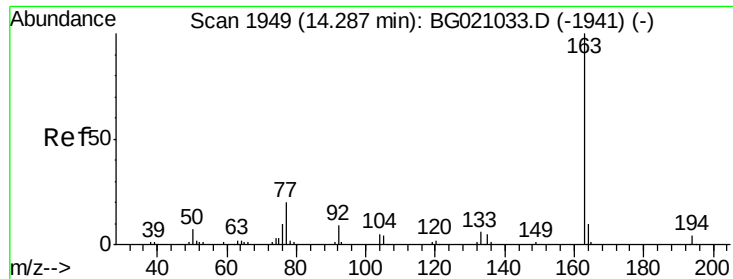


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.23 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

Instrument :

BNA_G

ClientSampled :

SP-5(0-2)

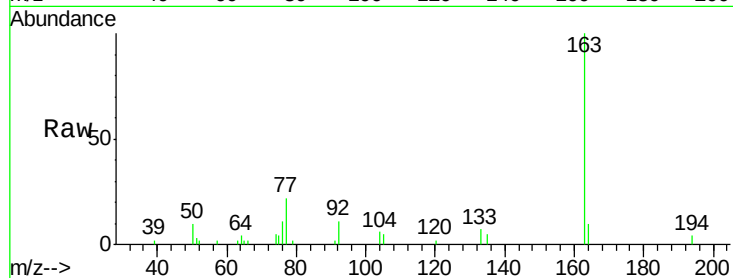
Tot Ion:163 Resp: 15411

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

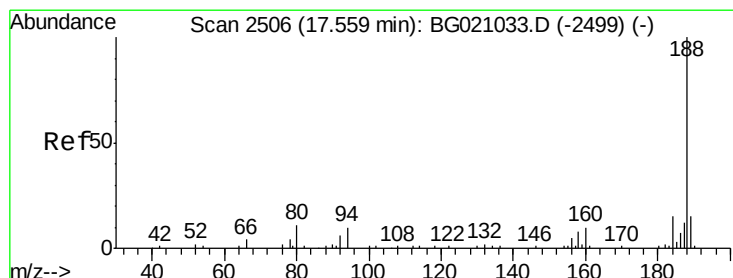
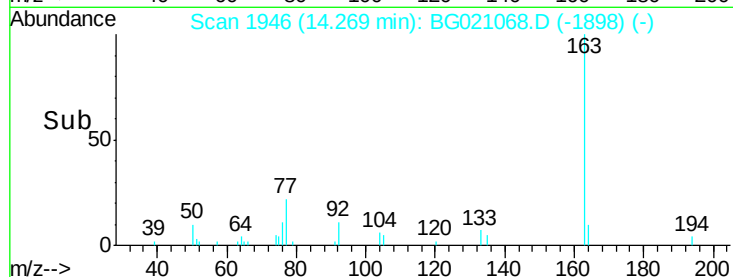
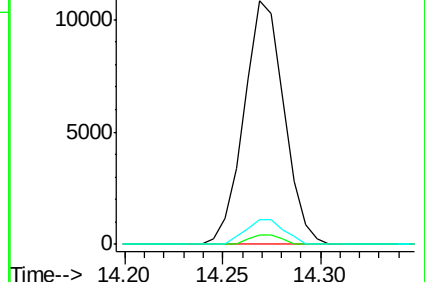
164 10.1 7.9 11.9



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: 17.56 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

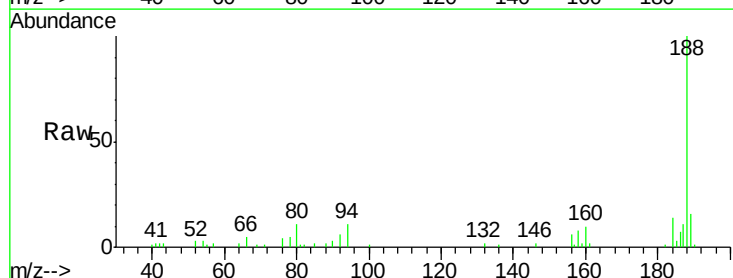
Tgt Ion:188 Resp: 21909

Ion Ratio Lower Upper

188 100

94 10.8 8.2 12.4

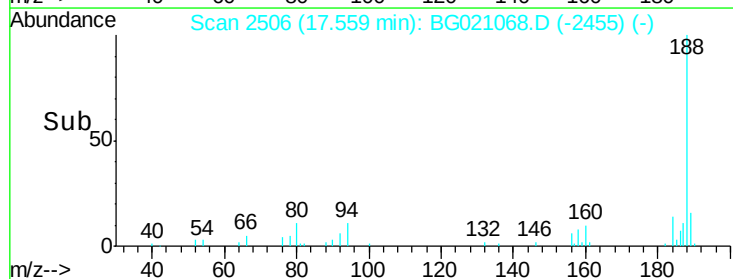
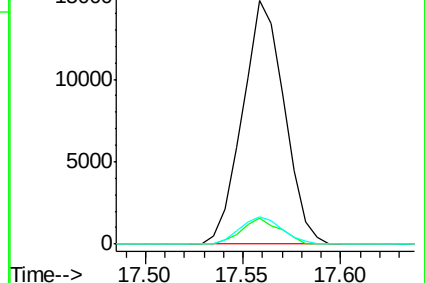
80 11.1 9.2 13.8

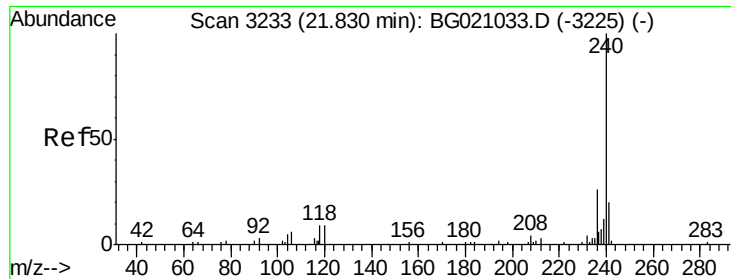


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

Instrument :

BNA_G

ClientSampled :

SP-5(0-2)

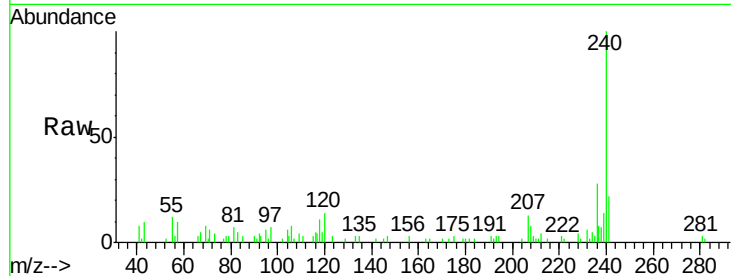
Tot Ion:240 Resp: 16365

Ion Ratio Lower Upper

240 100

120 13.8 7.5 11.3#

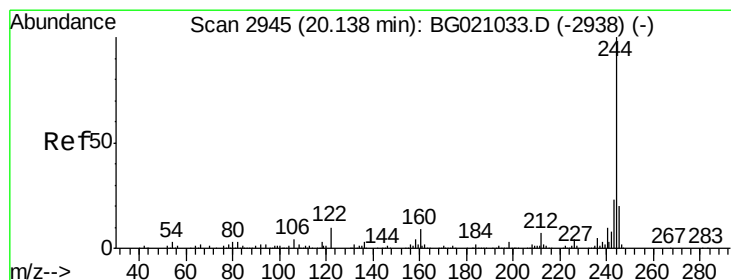
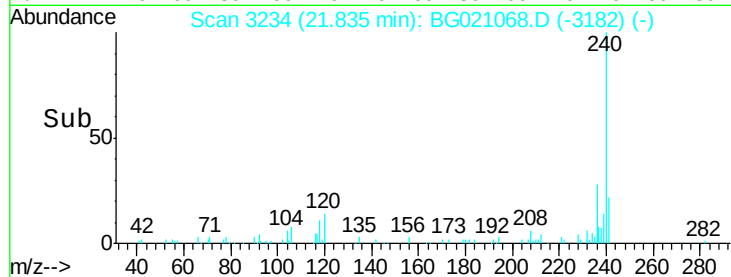
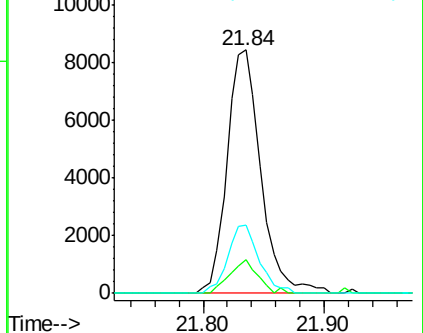
236 27.8 20.5 30.7



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: 44.76 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG021068.D

Acq: 25 Feb 2016 1:51

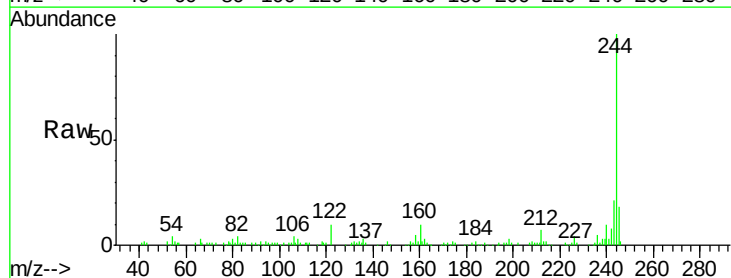
Tgt Ion:244 Resp: 56442

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

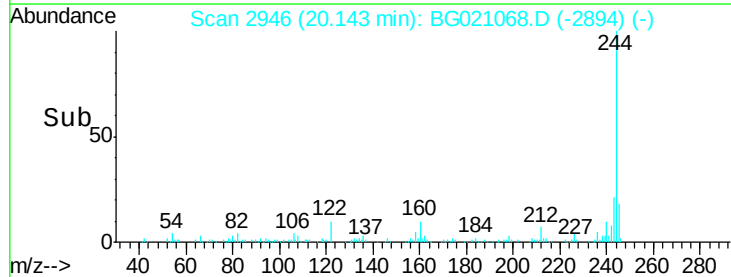
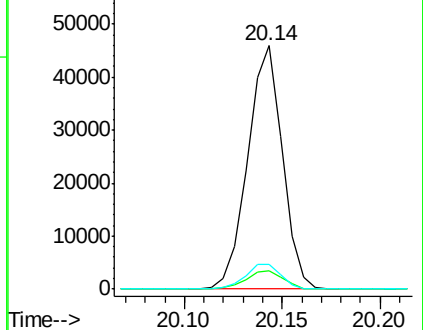
122 10.0 8.3 12.5

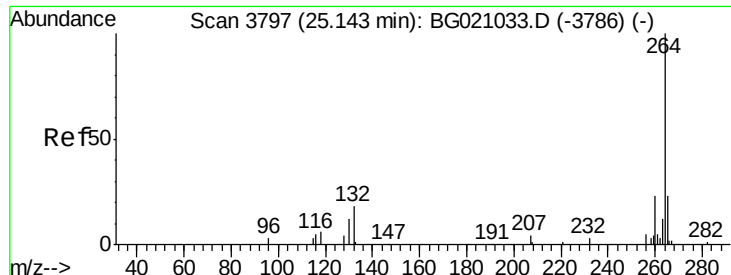


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

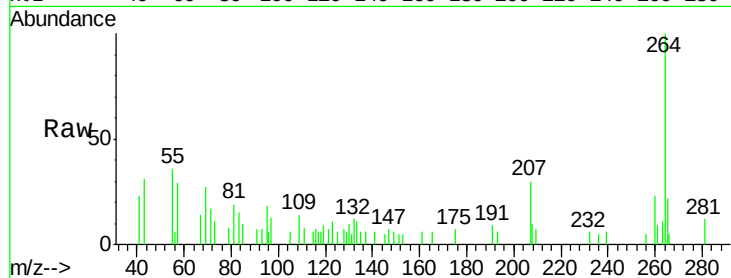




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. 0.02 min
 Lab File: BG021068.D
 Acq: 25 Feb 2016 1:51

Instrument :
 BNA_G
 ClientSampleId :
 SP-5(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.8	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

