

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021067.D
 Acq On : 25 Feb 2016 1:11
 Operator : UM/SJ
 Sample : H1521-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 25 03:33:01 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

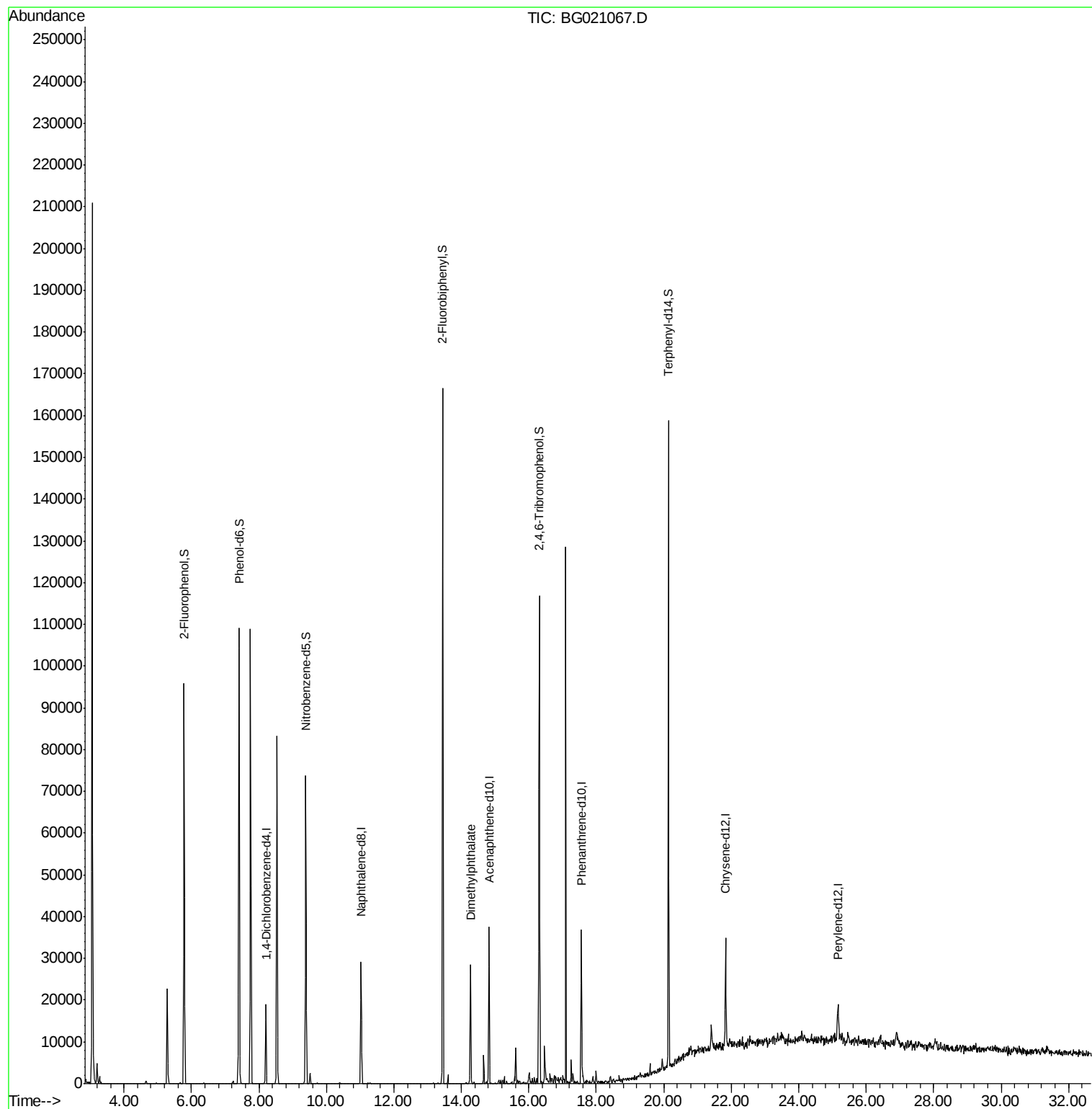
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	5562	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	26731	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13019	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	21841	20.00	ng	0.00
75) Chrysene-d12	21.83	240	15825	20.00	ng	0.00
86) Perylene-d12	25.16	264	12292	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	45019	141.90	ng	0.00
7) Phenol-d6	7.41	99	67223	137.59	ng	0.00
23) Nitrobenzene-d5	9.39	82	45504	99.95	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	20326	130.32	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	82614	88.34	ng	0.00
78) Terphenyl-d14	20.14	244	57115	46.83	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	18429	17.36	ng	99

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

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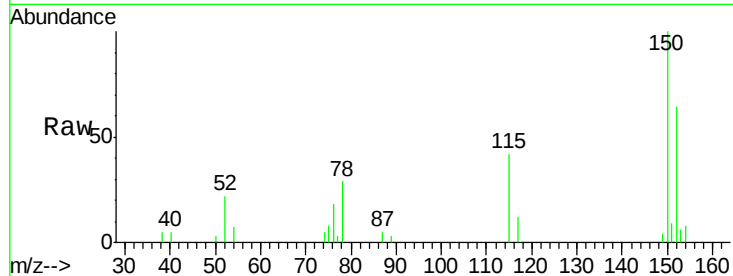


#1

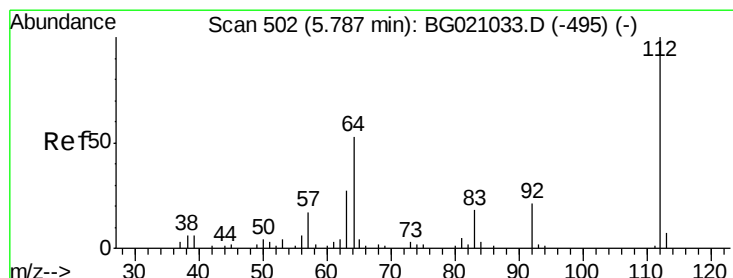
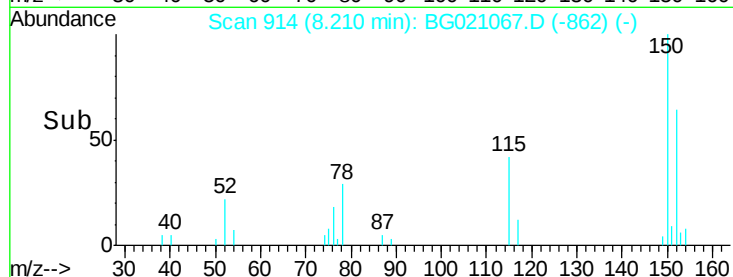
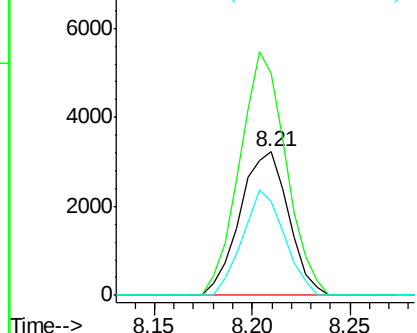
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG021067.D
Acq: 25 Feb 2016 1:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 5562
Ion Ratio Lower Upper
152 100
150 155.4 123.4 185.2
115 65.2 43.3 64.9#



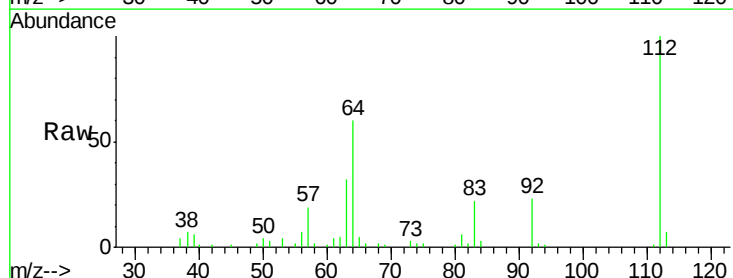
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



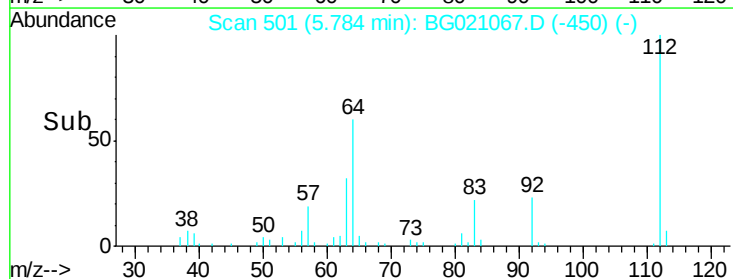
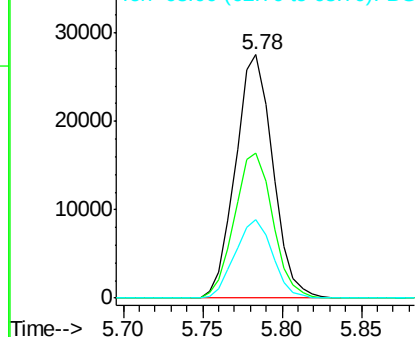
#5

2-Fluorophenol
Concen: 141.90 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021067.D
Acq: 25 Feb 2016 1:11

Tgt Ion:112 Resp: 45019
Ion Ratio Lower Upper
112 100
64 59.8 42.6 63.8
63 32.5 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: 137.59 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG021067.D

Acq: 25 Feb 2016 1:11

Instrument :

BNA_G

ClientSampled :

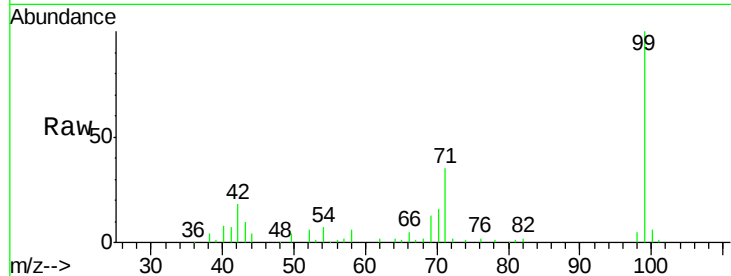
Tot Ion: 99 Resp: 67223

Ion Ratio Lower Upper

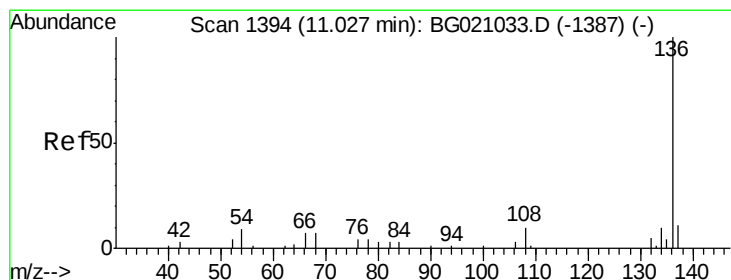
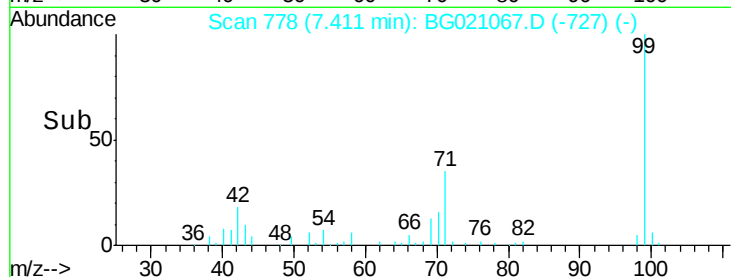
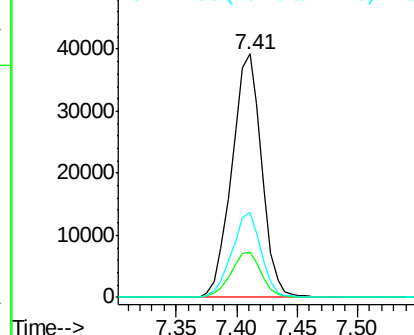
99 100

42 18.3 13.2 19.8

71 35.1 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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021067.D

Acq: 25 Feb 2016 1:11

Tgt Ion: 136 Resp: 26731

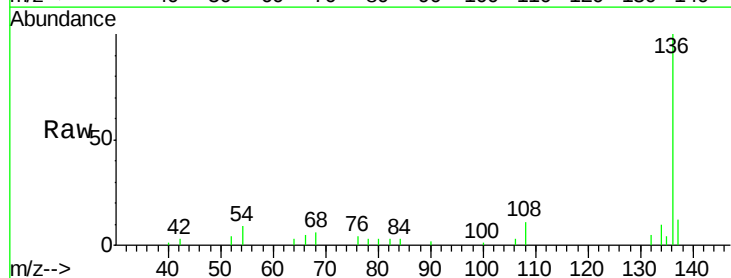
Ion Ratio Lower Upper

136 100

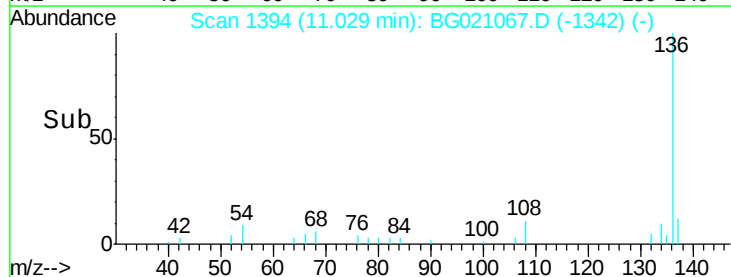
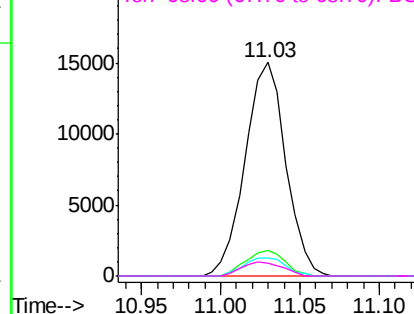
137 11.9 8.8 13.2

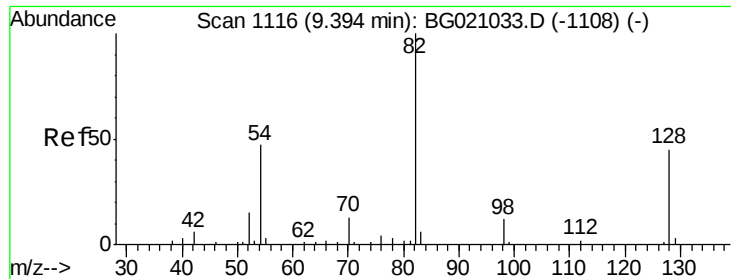
54 8.6 6.9 10.3

68 6.2 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

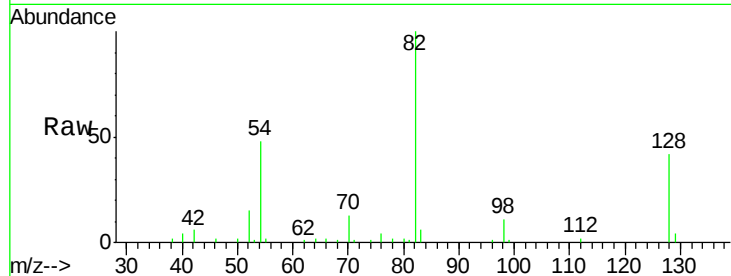




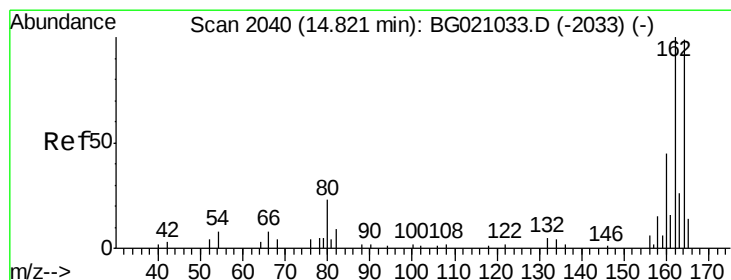
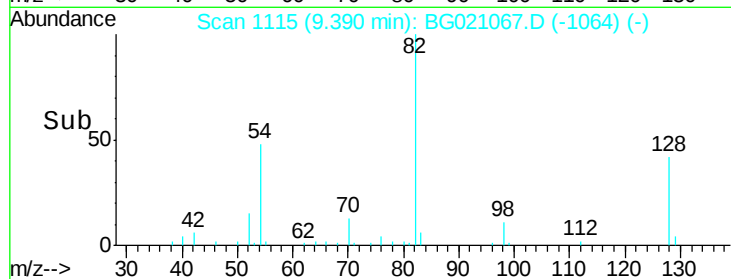
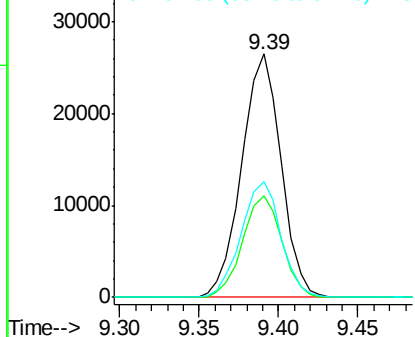
#23
Nitrobenzene-d5
Concen: 99.95 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG021067.D
Acq: 25 Feb 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	45504
Ion Ratio	Lower	Upper	
82	100		
128	41.7	36.3	54.5
54	47.6	37.6	56.4

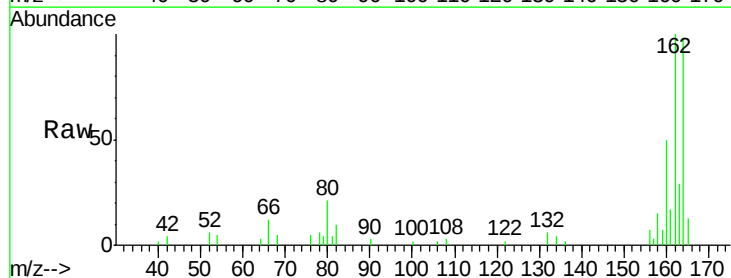


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

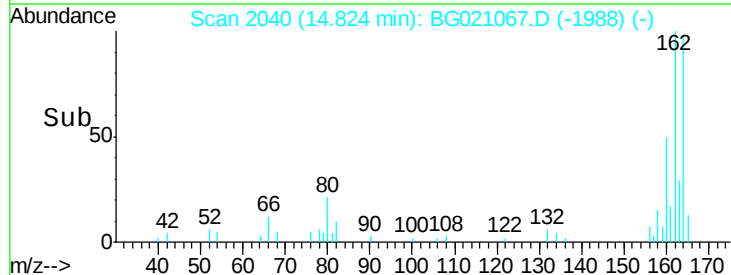
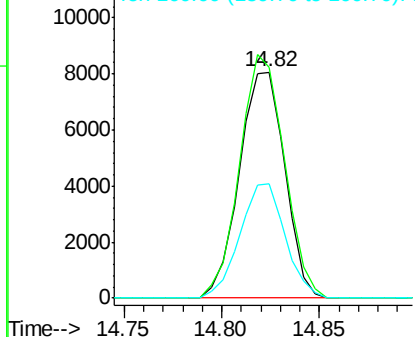


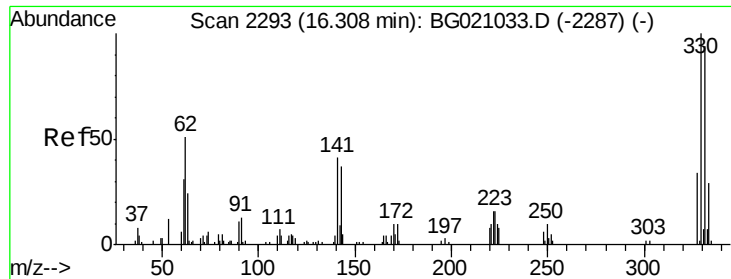
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021067.D
Acq: 25 Feb 2016 1:11

Tgt Ion	164	Resp	13019
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.6	120.8
160	50.8	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

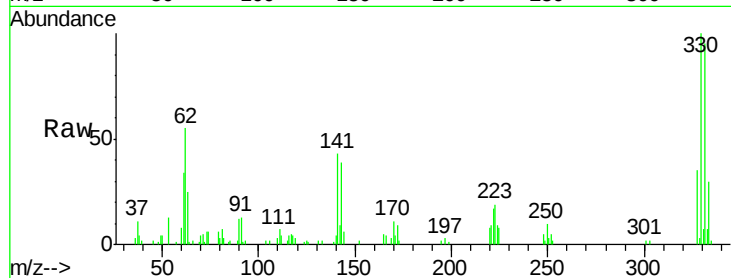




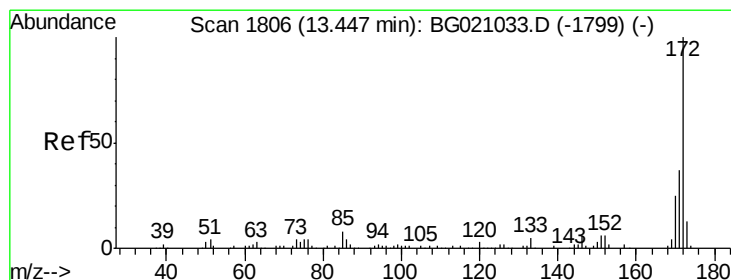
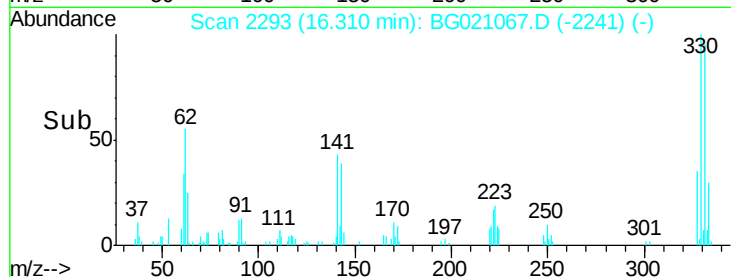
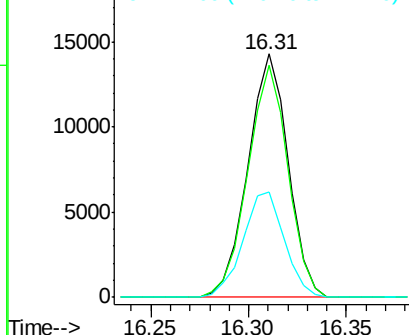
#41
 2,4,6-Tribromophenol
 Concen: 130.32 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021067.D
 Acq: 25 Feb 2016 1:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 20326
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.0
 141 44.6 35.3 52.9

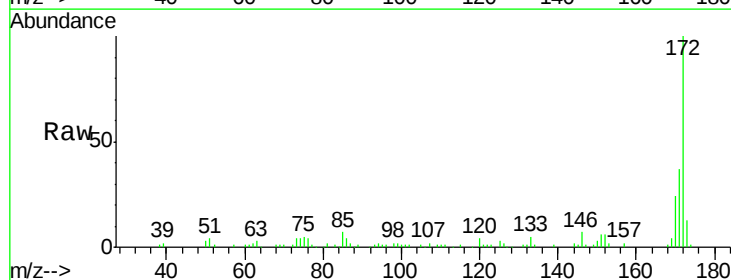


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

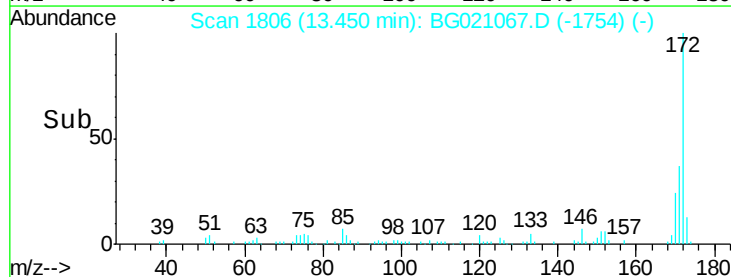
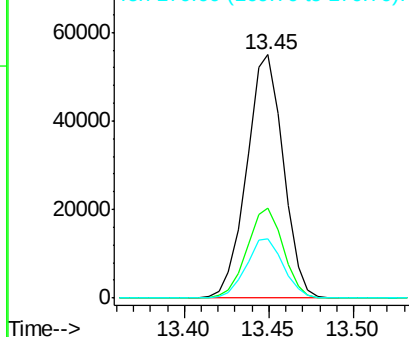


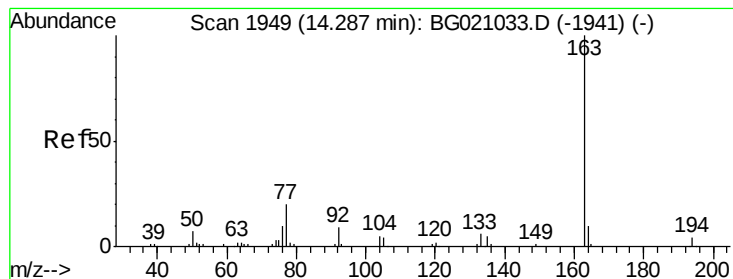
#44
 2-Fluorobiphenyl
 Concen: 88.34 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021067.D
 Acq: 25 Feb 2016 1:11

Tgt Ion:172 Resp: 82614
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.1 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: 17.36 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG021067.D

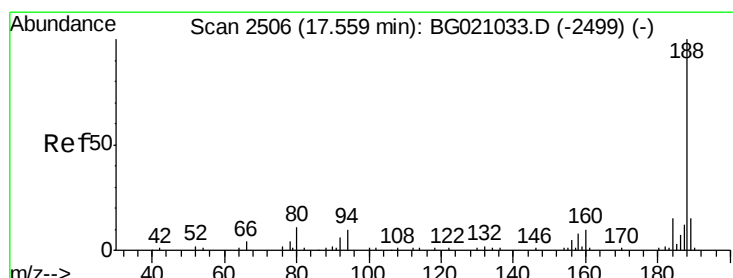
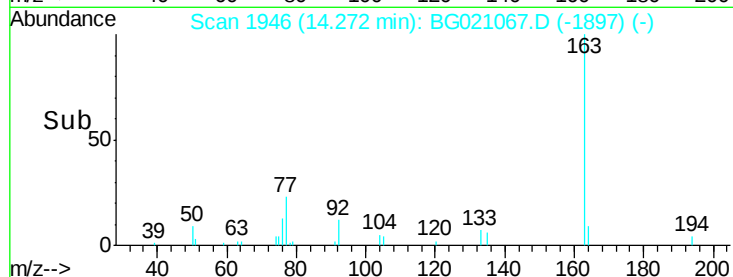
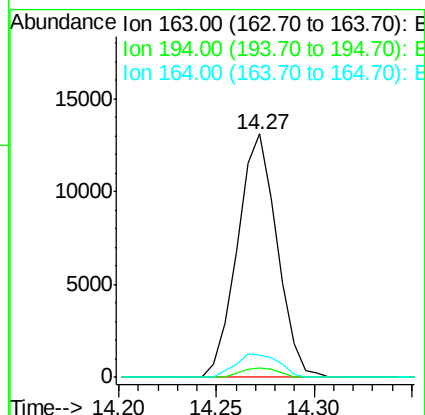
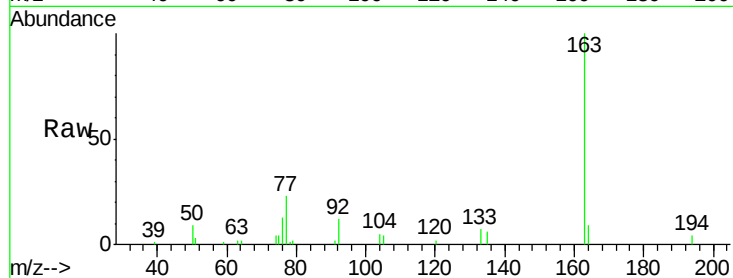
Acq: 25 Feb 2016 1:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	18429
Ion Ratio	Lower	Upper
163	100	
194	3.7	2.8 4.2
164	9.3	7.9 11.9



#63

Phenanthrene-d10

Concen: 20.00 ng

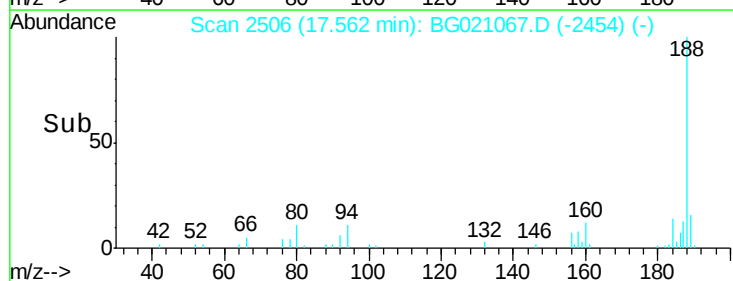
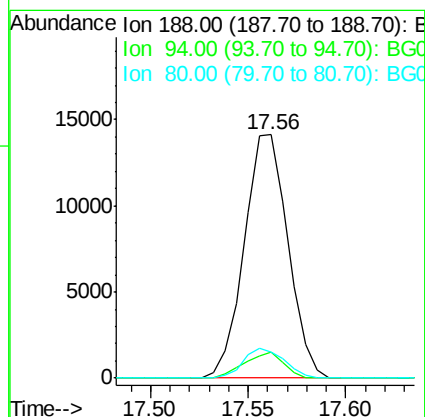
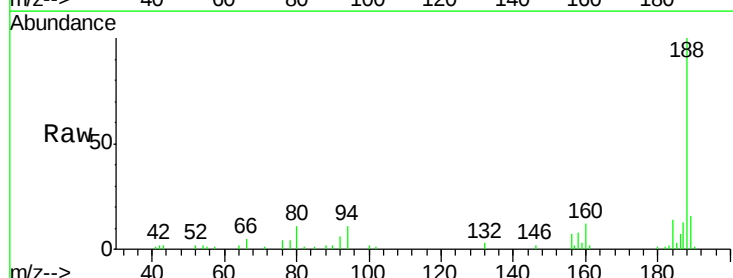
RT: 17.56 min Scan# 2506

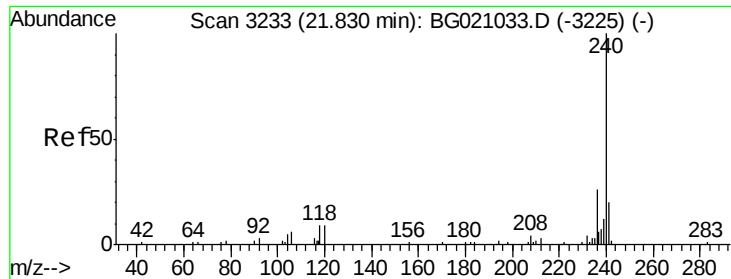
Delta R.T. 0.00 min

Lab File: BG021067.D

Acq: 25 Feb 2016 1:11

Tgt Ion:188	Resp:	21841
Ion Ratio	Lower	Upper
188	100	
94	10.7	8.2 12.4
80	10.8	9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BG021067.D

Acq: 25 Feb 2016 1:11

Instrument :

BNA_G

ClientSampleId :

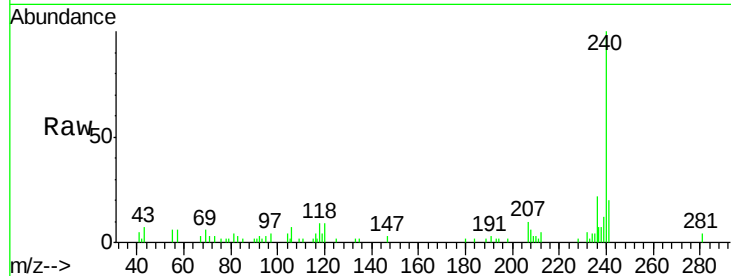
Tot Ion:240 Resp: 15825

Ion Ratio Lower Upper

240 100

120 8.6 7.5 11.3

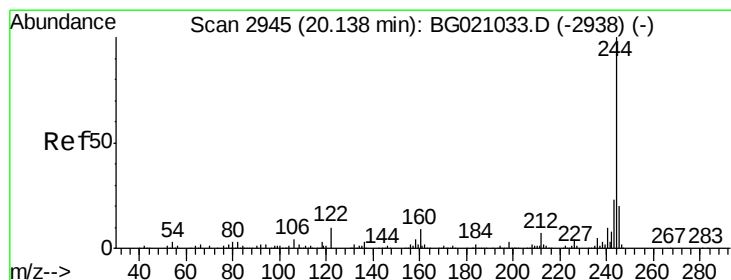
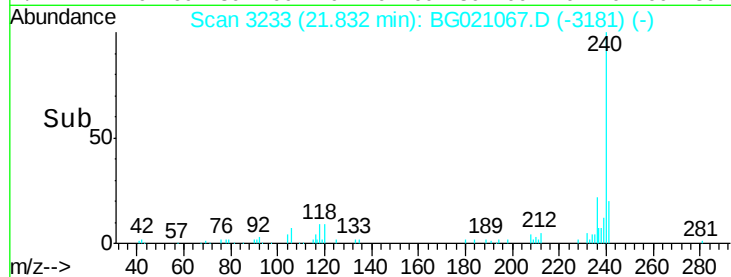
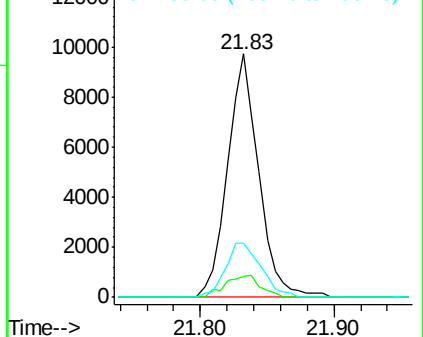
236 22.0 20.5 30.7



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: 46.83 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021067.D

Acq: 25 Feb 2016 1:11

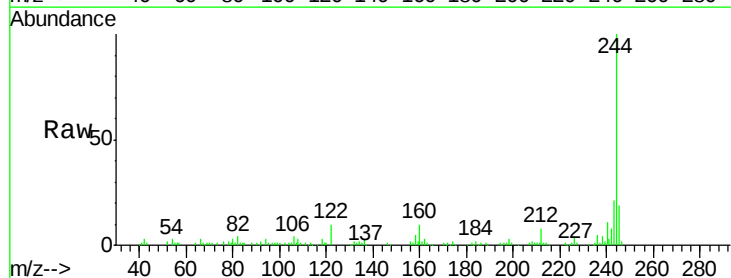
Tgt Ion:244 Resp: 57115

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

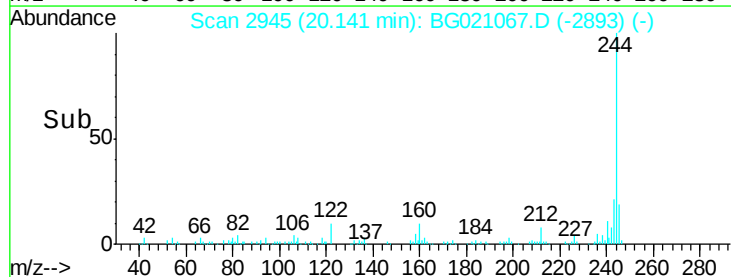
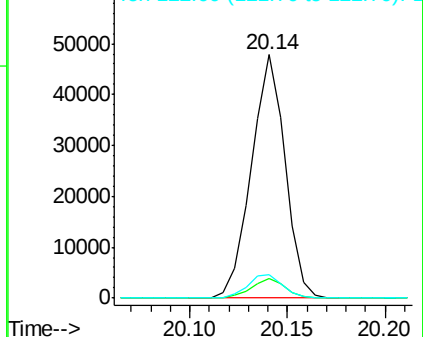
122 9.5 8.3 12.5

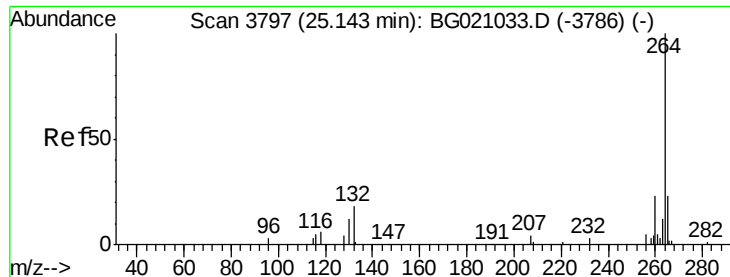


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

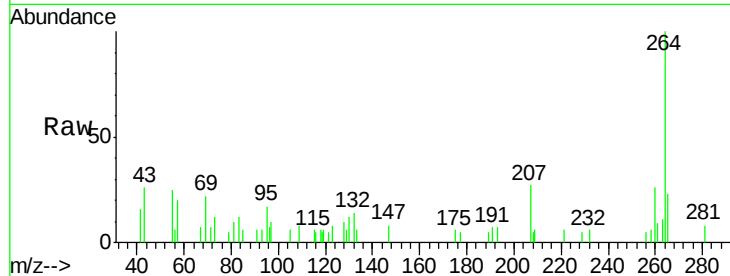




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BG021067.D
Acq: 25 Feb 2016 1:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	18.5	27.7
265	22.9	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

