

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023418.D
 Acq On : 3 Aug 2016 5:42
 Operator : UM/SJ
 Sample : H4288-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

Quant Time: Aug 03 07:10:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

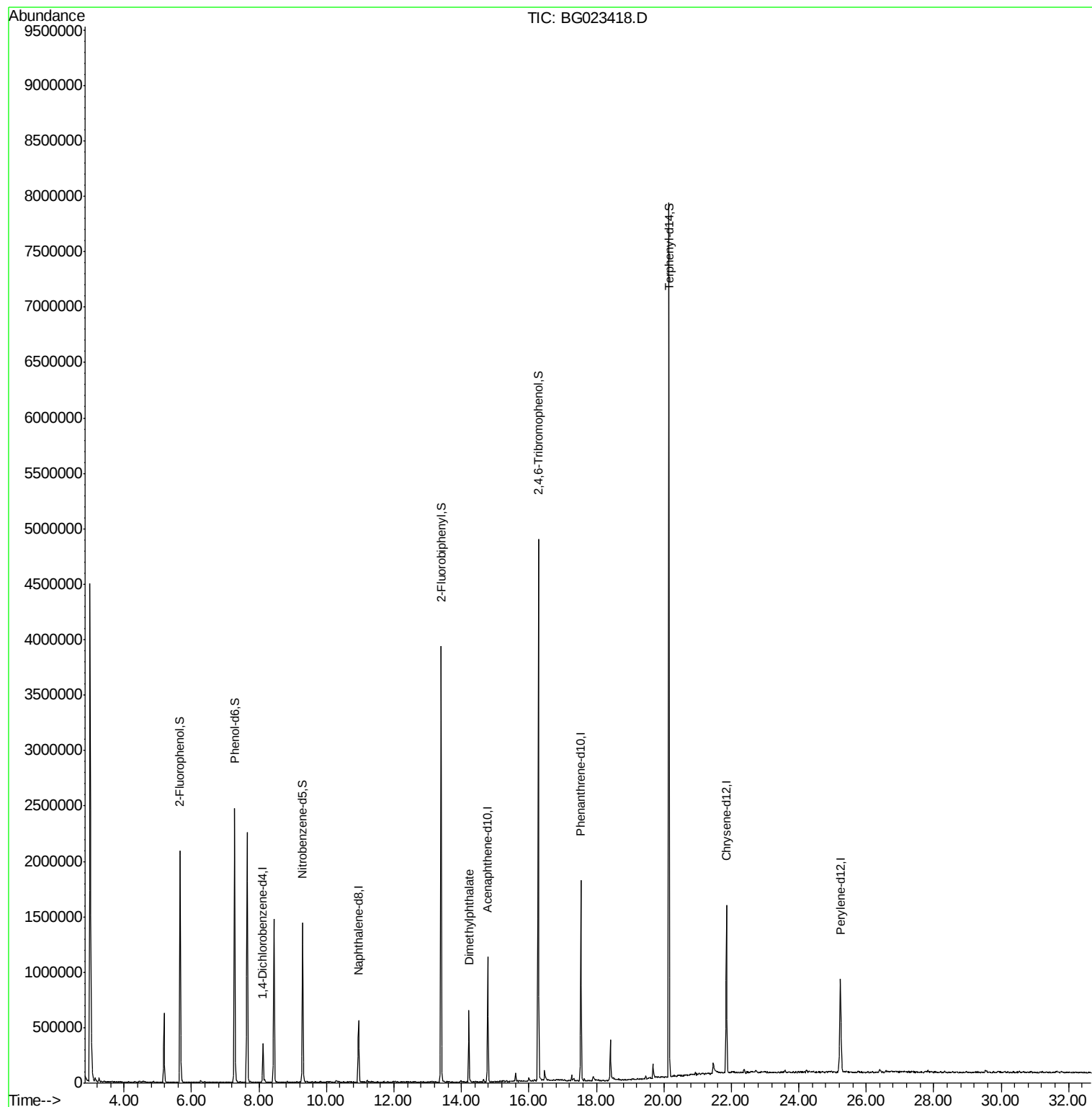
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	97992	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	472888	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	371583	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1030881	20.00	ng	0.00
75) Chrysene-d12	21.86	240	918959	20.00	ng	0.00
86) Perylene-d12	25.23	264	941352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	946445	162.58	ng	0.00
7) Phenol-d6	7.27	99	1482757	163.53	ng	0.00
23) Nitrobenzene-d5	9.30	82	947899	99.65	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	924940	170.18	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1935429	87.85	ng	0.00
78) Terphenyl-d14	20.15	244	2798263	98.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	411571	14.44	ng	Qvalue 99

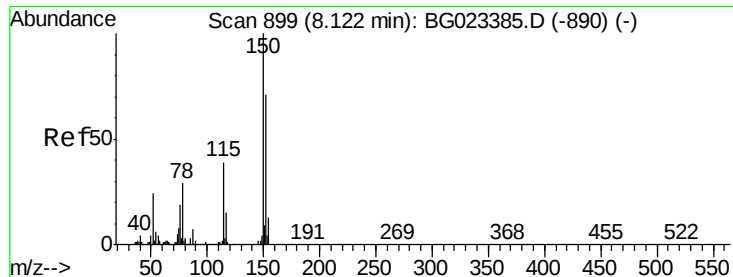
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

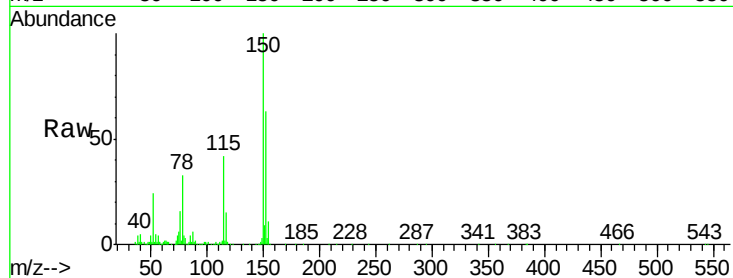
Tot Ion:152 Resp: 97992

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

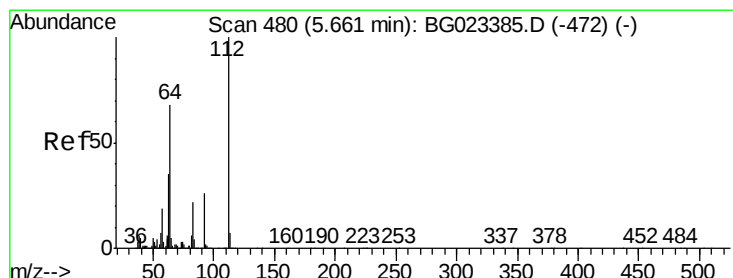
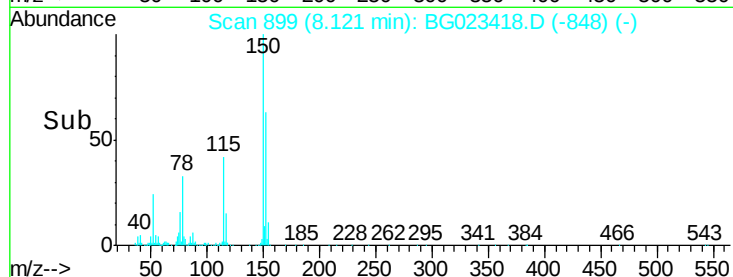
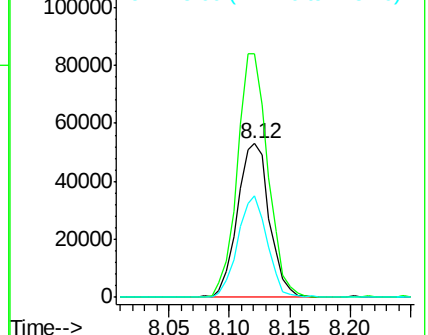
115 66.3 64.0 96.0



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: 162.58 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

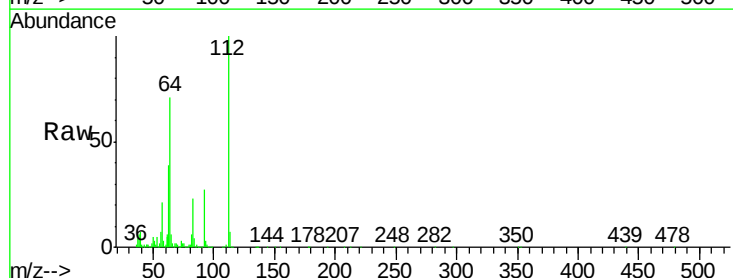
Tgt Ion:112 Resp: 946445

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

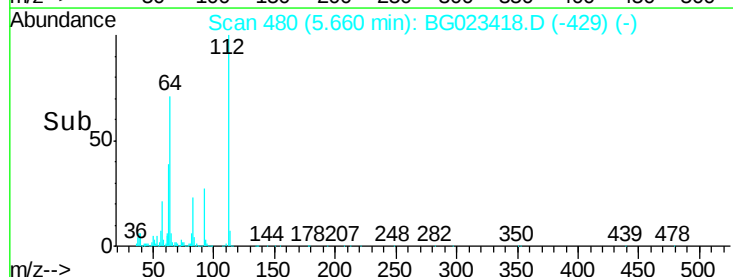
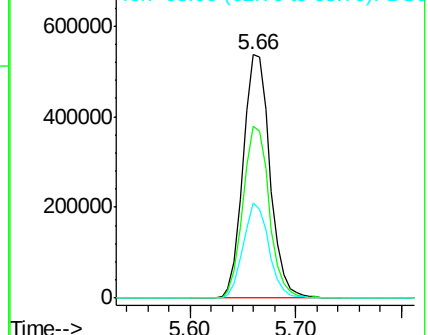
63 38.8 37.8 56.8

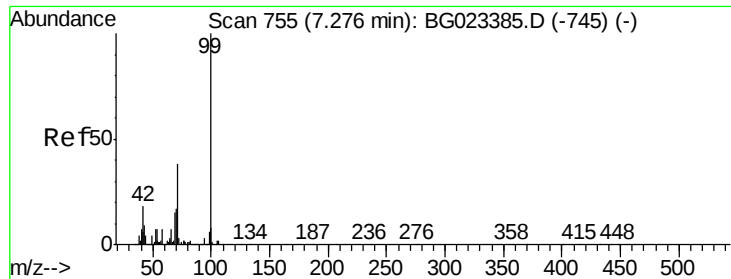


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 163.53 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

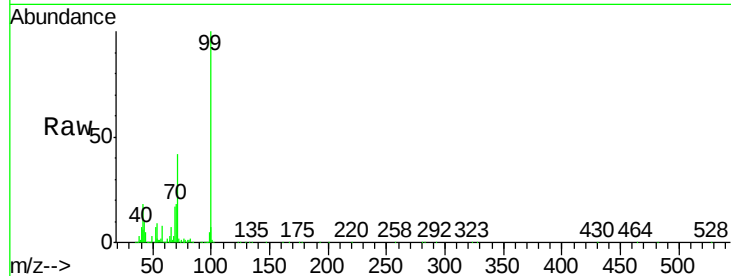
Tot Ion: 99 Resp: 1482757

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	42.5	41.5	62.3

99 100

42 18.3 17.8 26.6

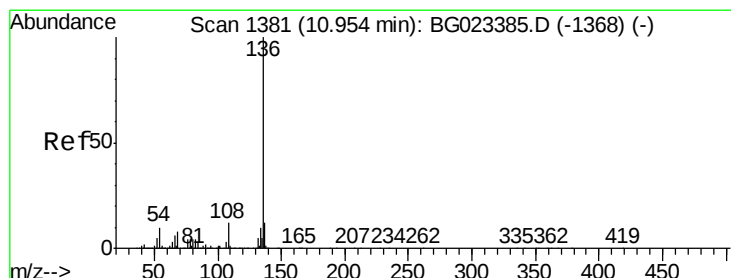
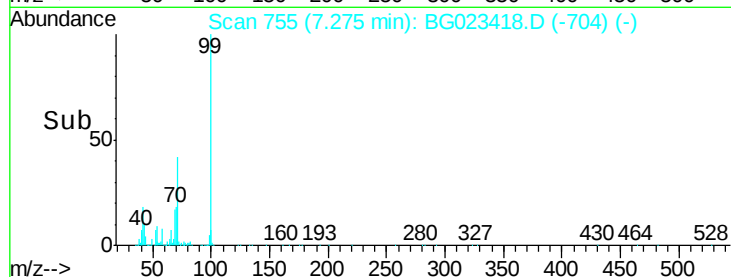
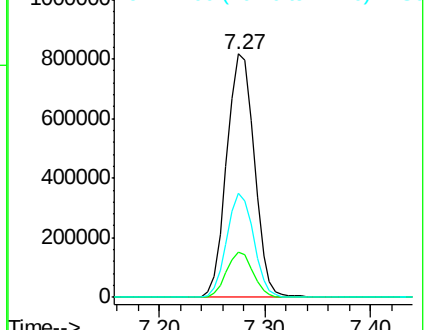
71 42.5 41.5 62.3



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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Tgt Ion: 136 Resp: 472888

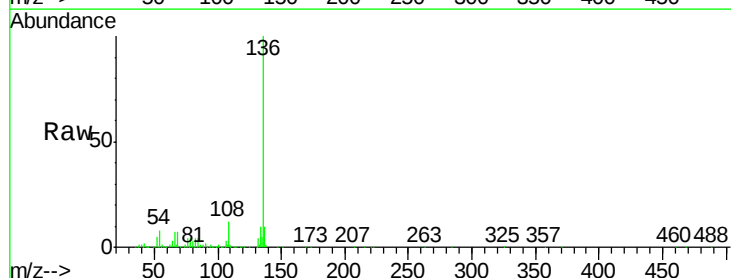
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.0	7.3	10.9
68	6.9	5.3	7.9

136 100

137 10.2 9.6 14.4

54 8.0 7.3 10.9

68 6.9 5.3 7.9

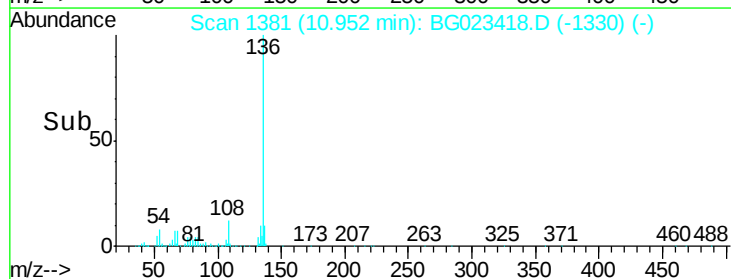
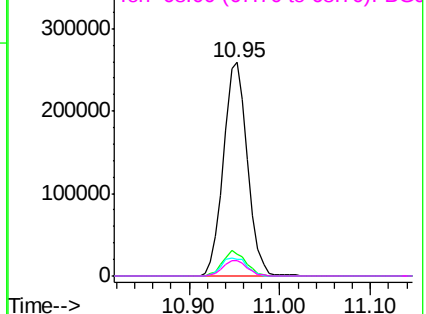


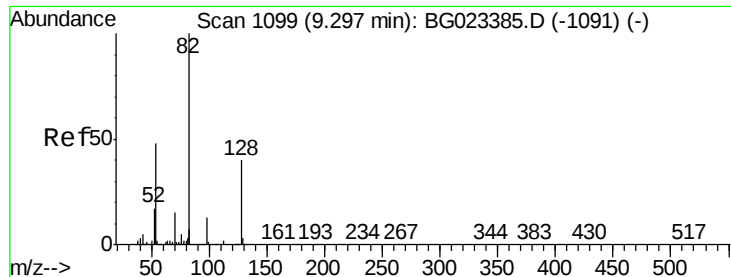
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

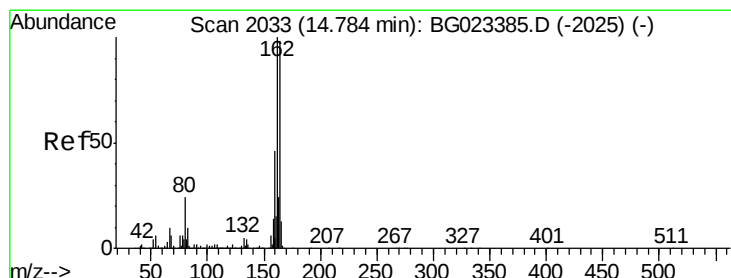
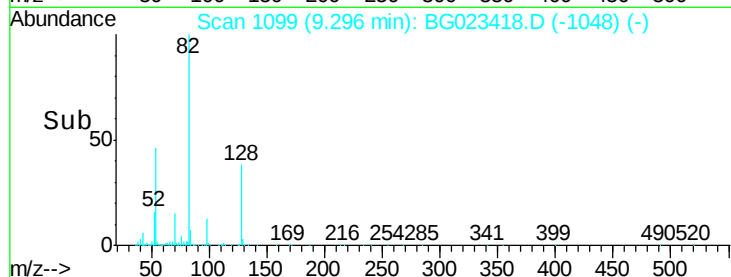
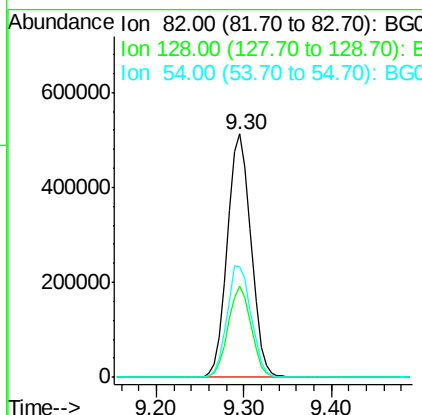
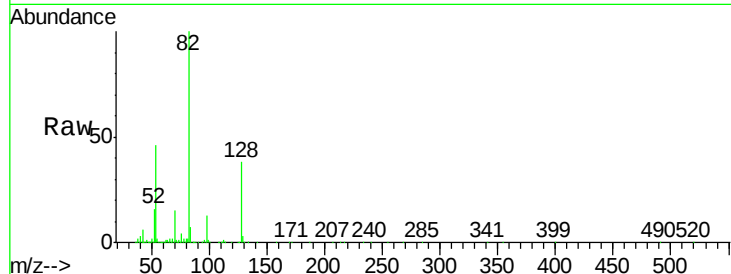




#23
 Nitrobenzene-d5
 Concen: 99.65 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

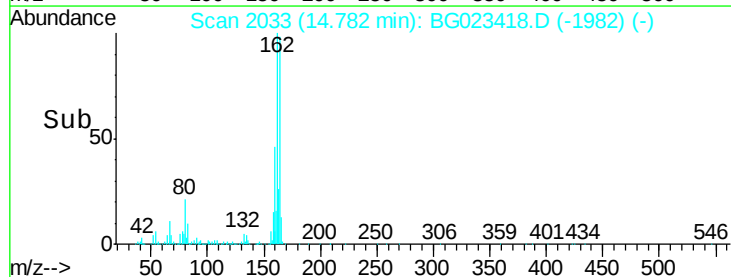
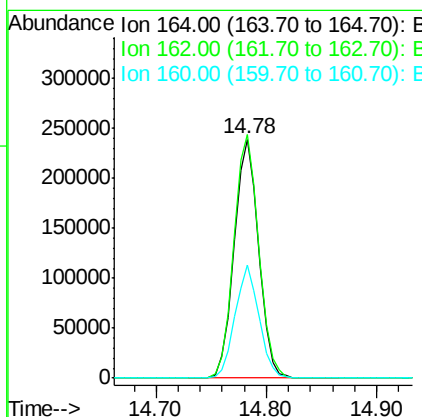
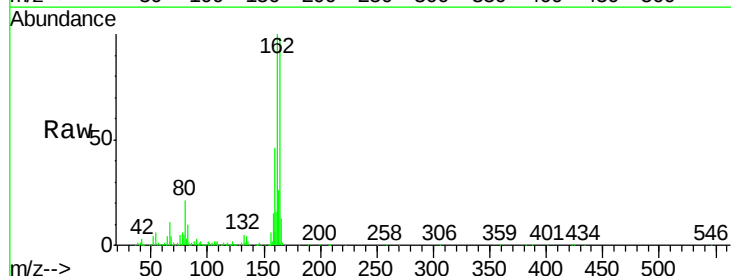
Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

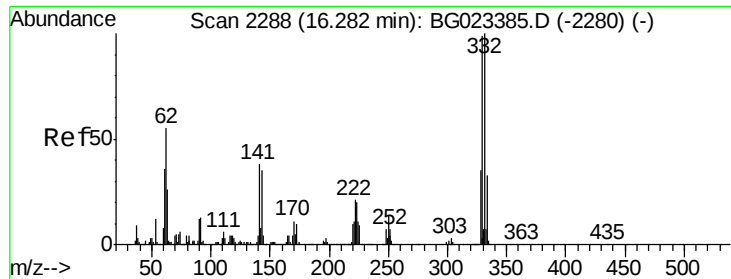
Tot Ion	82	Resp	947899
Ion Ratio	Lower	Upper	
82	100		
128	37.8	24.4	36.6#
54	45.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

Tgt Ion	164	Resp	371583
Ion Ratio	Lower	Upper	
164	100		
162	101.9	87.7	131.5
160	47.3	37.2	55.8

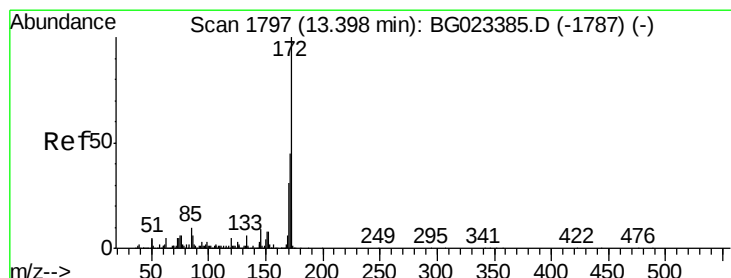
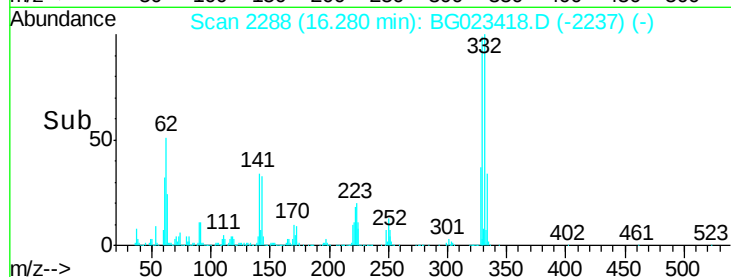
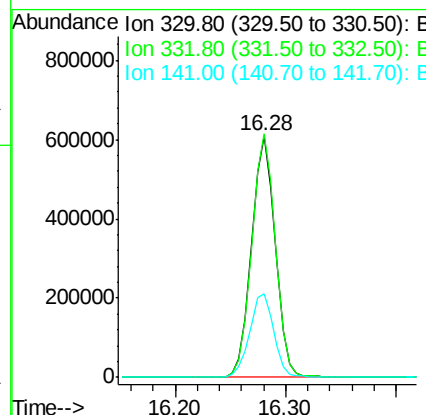
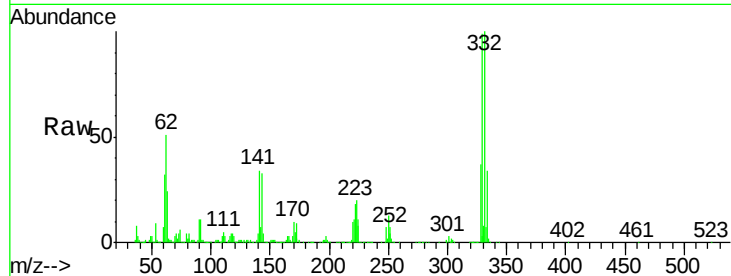




#41
 2,4,6-Tribromophenol
 Concen: 170.18 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

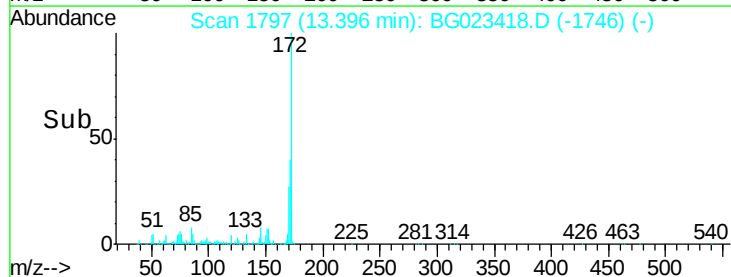
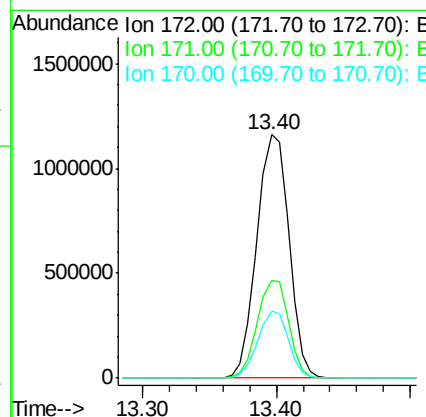
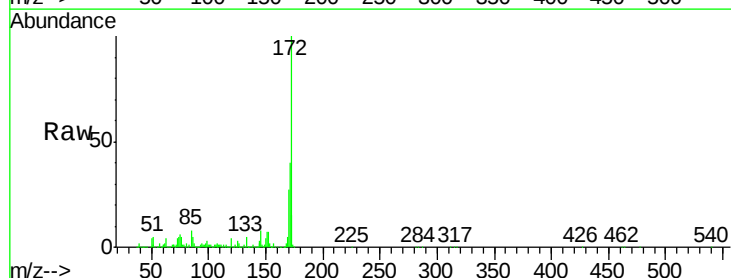
Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

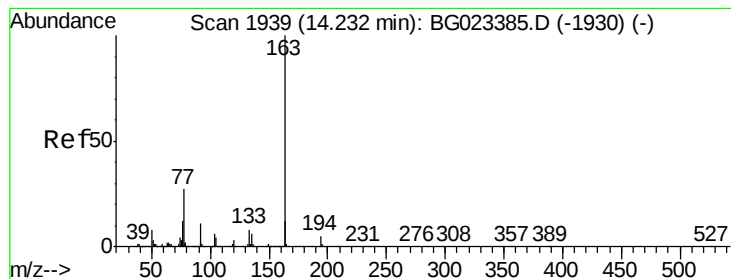
Tot Ion:330 Resp: 924940
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.4 116.2
 141 35.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 87.85 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

Tgt Ion:172 Resp: 1935429
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 27.3 21.3 31.9





#49

Dimethylphthalate

Concen: 14.44 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

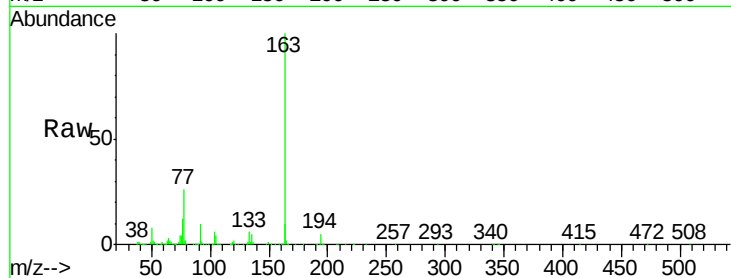
Tot Ion:163 Resp: 411571

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

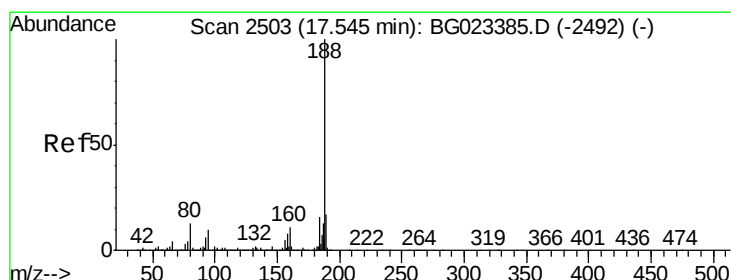
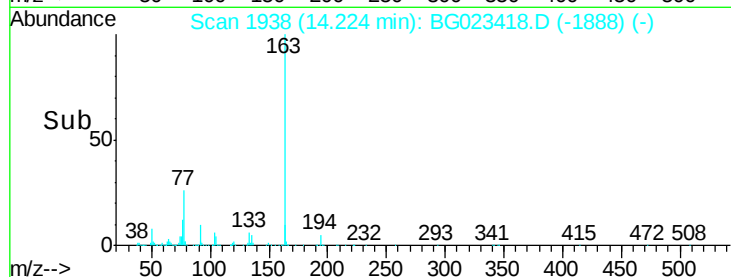
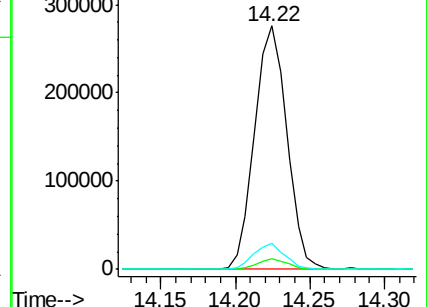
164 10.5 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

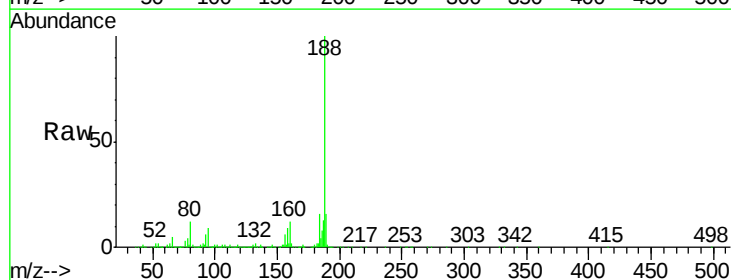
Tgt Ion:188 Resp: 1030881

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

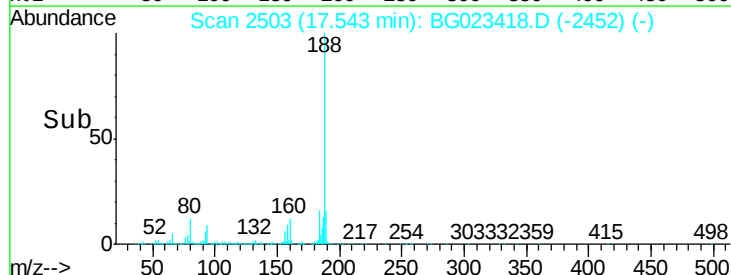
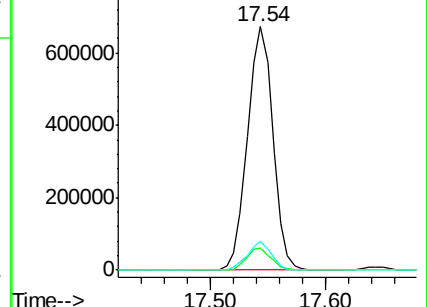
80 11.7 7.2 10.8#

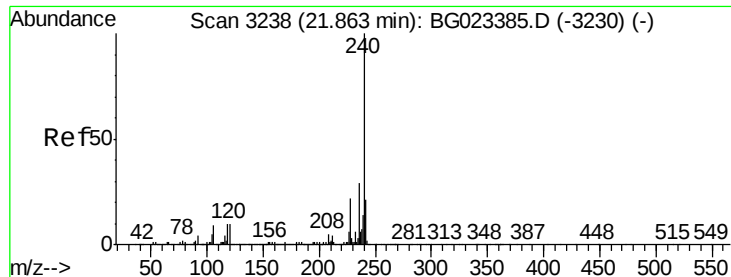


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

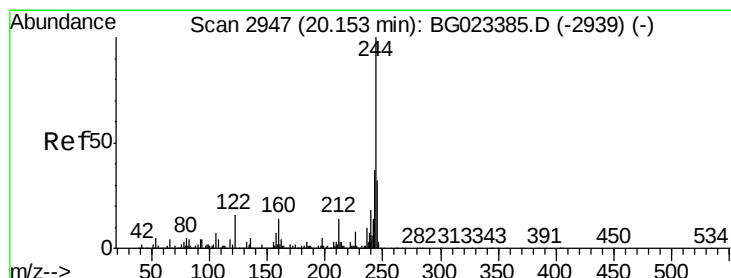
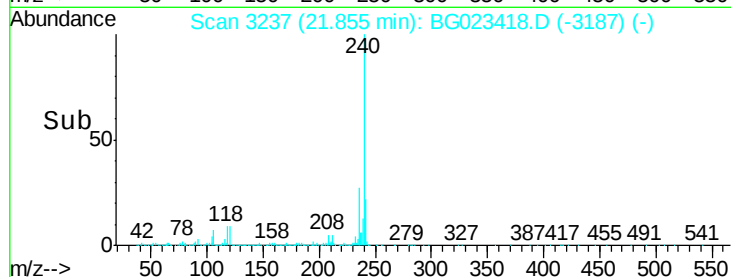
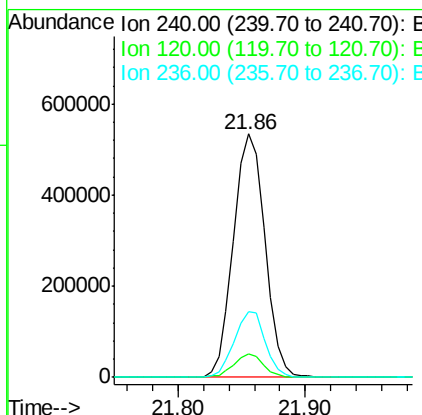
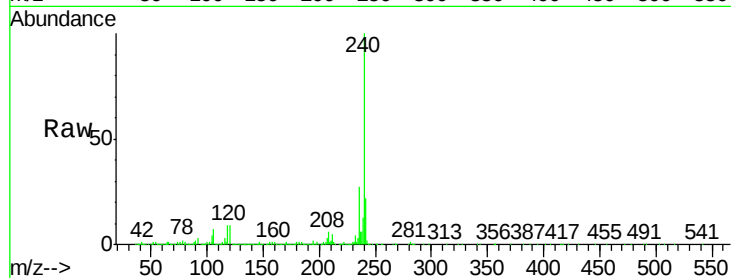




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

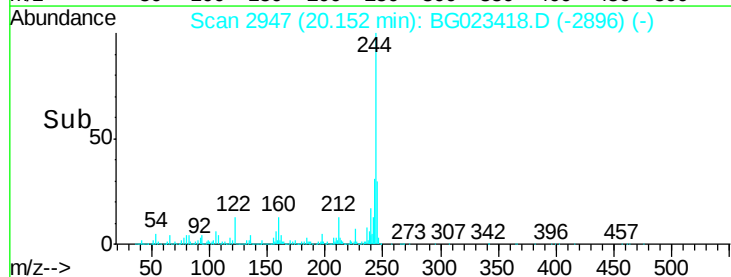
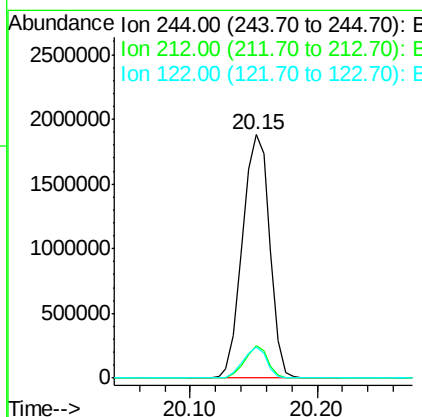
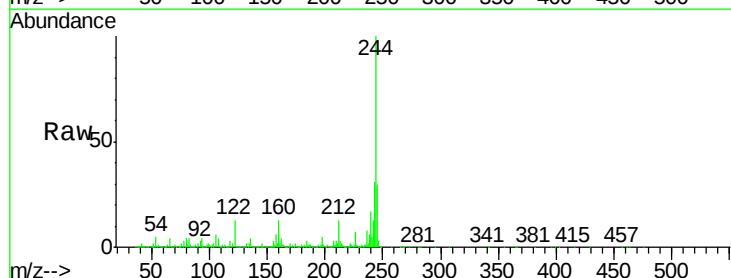
Instrument :
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SB-67-14.0-15.0

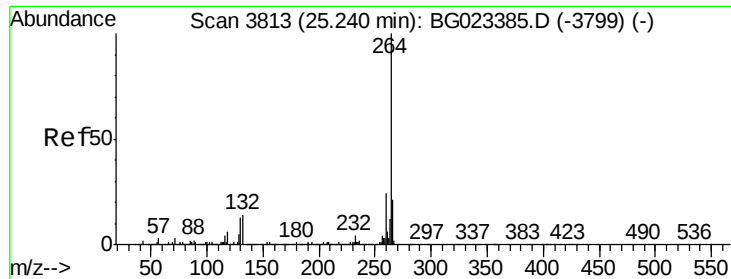
Tot Ion:240 Resp: 918959
Ion Ratio Lower Upper
240 100
120 9.4 4.1 6.1#
236 27.1 21.1 31.7



#78
Terphenyl-d14
Concen: 98.28 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

Tgt Ion:244 Resp: 2798263
Ion Ratio Lower Upper
244 100
212 13.4 10.8 16.2
122 12.9 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. -0.01 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	23.6	18.9	28.3

