

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023439.D
 Acq On : 4 Aug 2016 00:02
 Operator : UM/SJ
 Sample : H4288-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 04 03:44:42 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

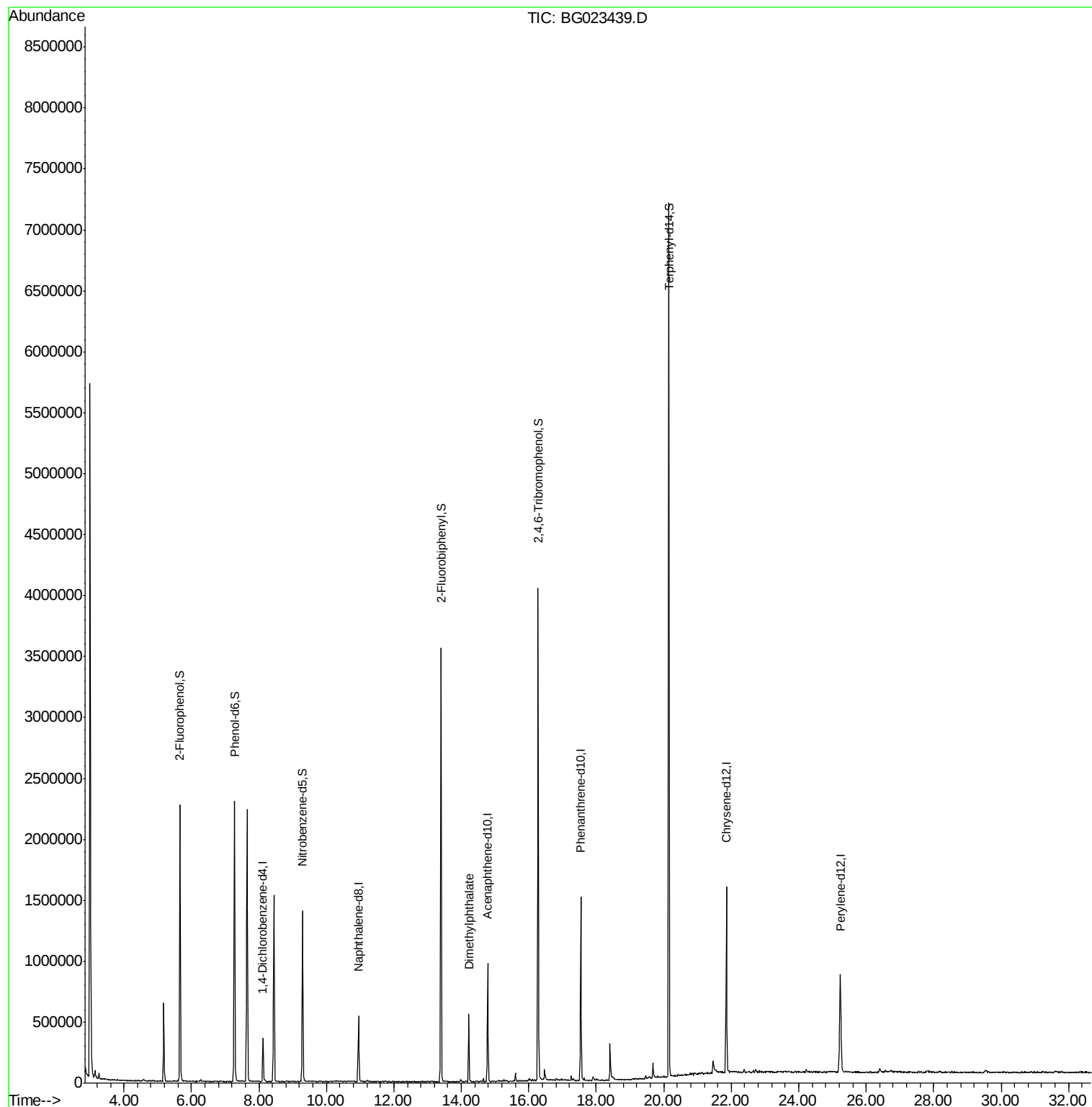
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	98912	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	450213	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	330653	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	913024	20.00	ng	0.00
75) Chrysene-d12	21.86	240	961050	20.00	ng	0.00
86) Perylene-d12	25.24	264	941807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	941384	160.20	ng	0.00
7) Phenol-d6	7.28	99	1390227	151.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	912526	100.77	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	755444	156.20	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1805003	92.07	ng	0.00
78) Terphenyl-d14	20.15	244	2753227	91.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	355941	14.03	ng	Qvalue 99

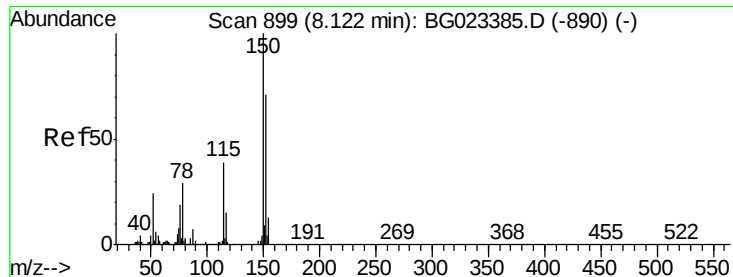
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

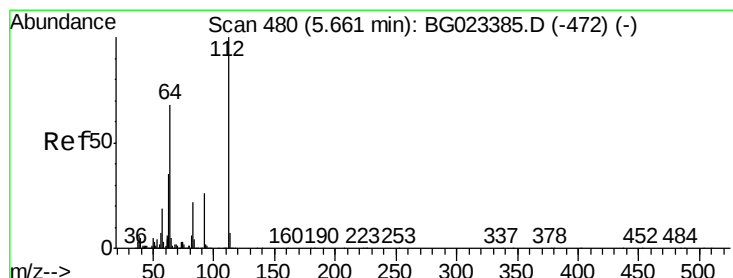
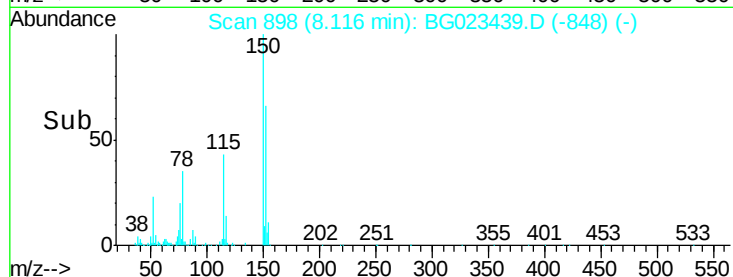
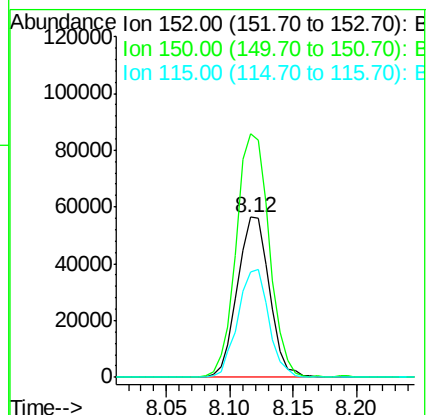
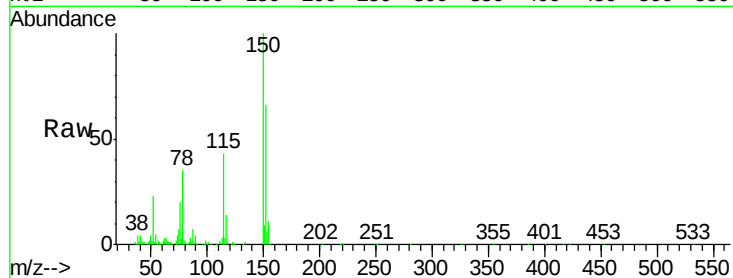
Tot Ion:152 Resp: 98912

Ion Ratio Lower Upper

152 100

150 151.9 144.7 217.1

115 65.5 64.0 96.0



#5

2-Fluorophenol

Concen: 160.20 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.00 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

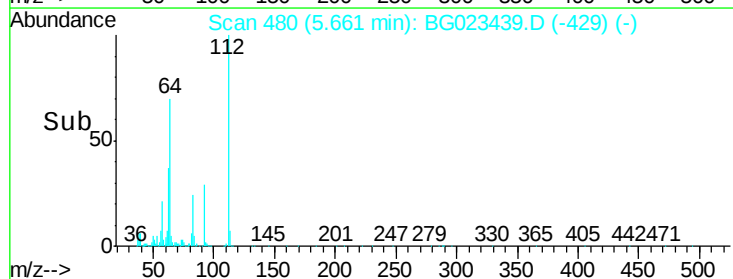
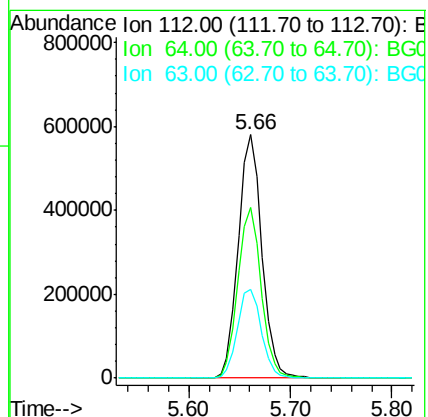
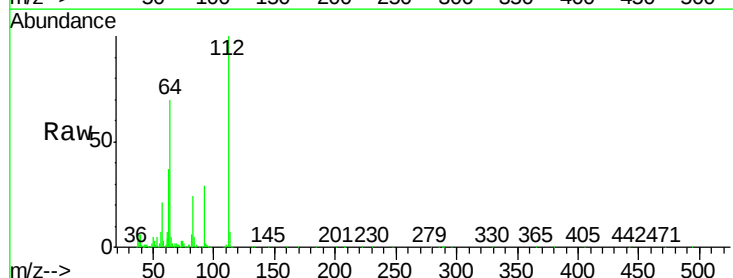
Tgt Ion:112 Resp: 941384

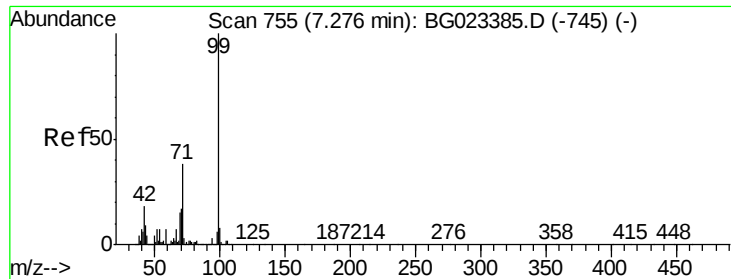
Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

63 36.6 37.8 56.8#





#7

Phenol-d6

Concen: 151.90 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

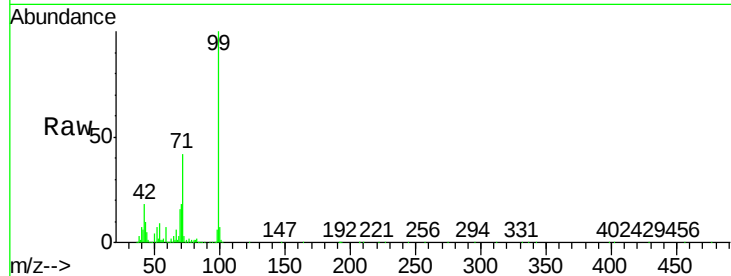
Tot Ion: 99 Resp: 1390227

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	42.1	41.5	62.3

99 100

42 18.3 17.8 26.6

71 42.1 41.5 62.3

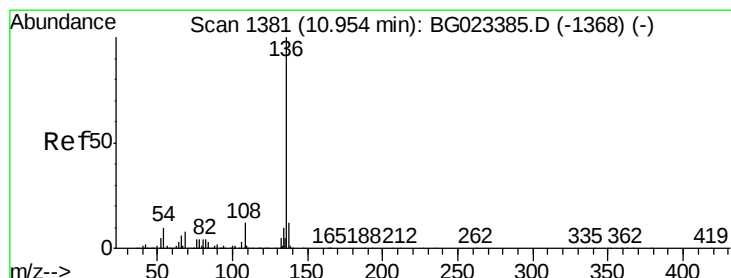
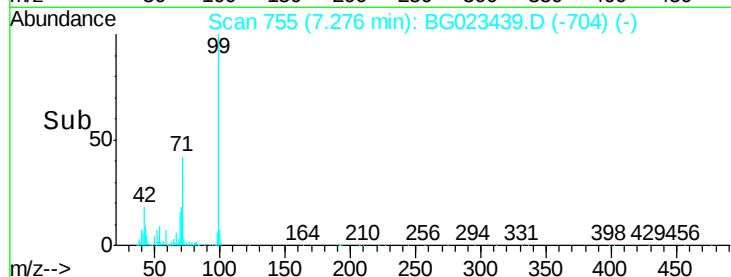
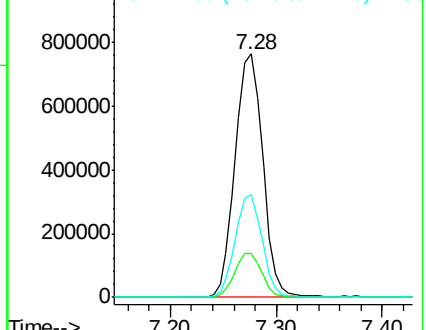


Abundance

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: BG023439.D

Acq: 4 Aug 2016 00:02

Tgt Ion: 136 Resp: 450213

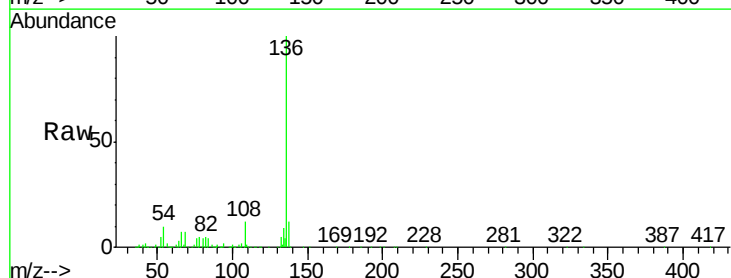
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.8	7.3	10.9
68	7.0	5.3	7.9

136 100

137 11.6 9.6 14.4

54 9.8 7.3 10.9

68 7.0 5.3 7.9



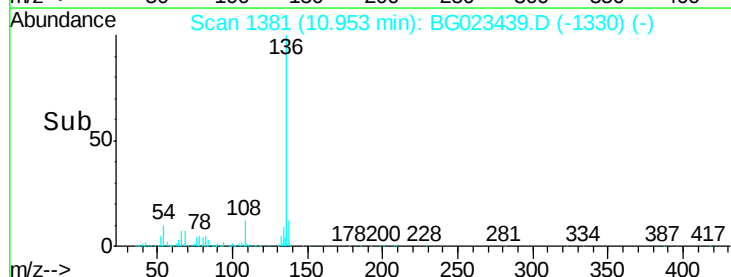
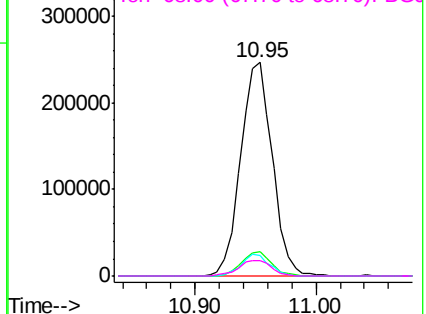
Abundance

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

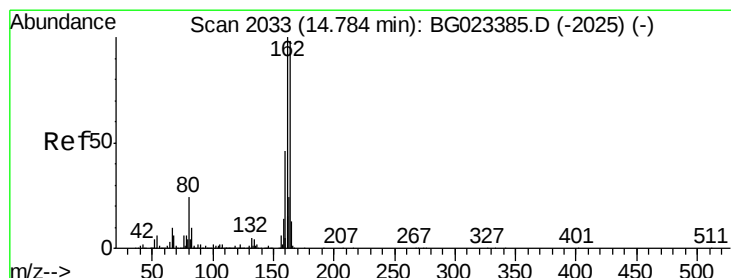
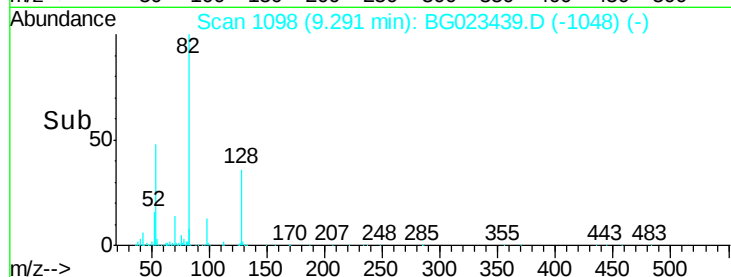
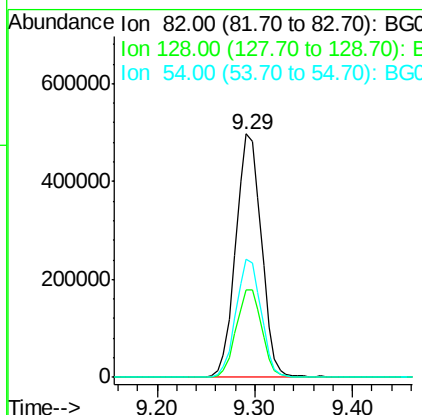
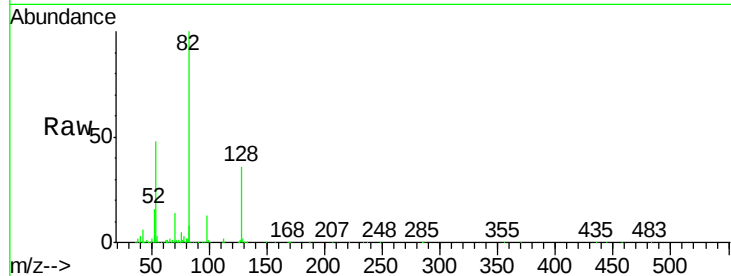




#23
 Nitrobenzene-d5
 Concen: 100.77 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023439.D
 Acq: 4 Aug 2016 00:02

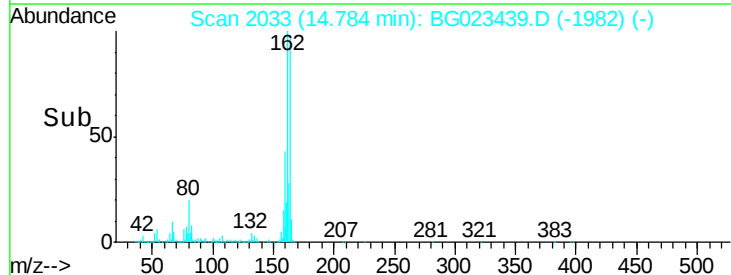
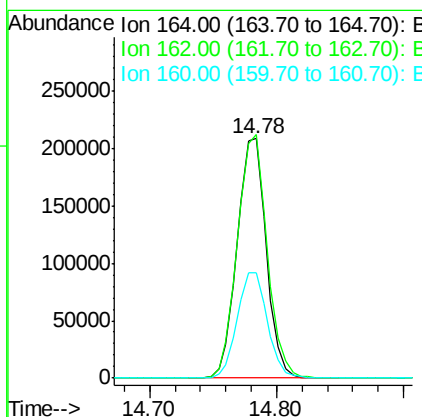
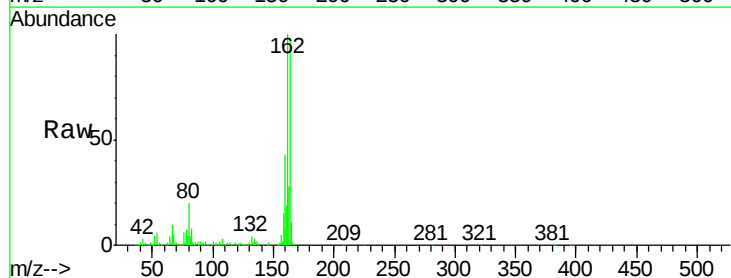
Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

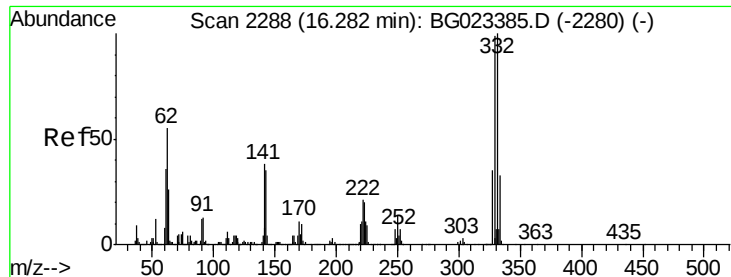
Tot Ion	82	Resp	912526
Ion Ratio	Lower	Upper	
82	100		
128	36.1	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023439.D
 Acq: 4 Aug 2016 00:02

Tgt Ion	164	Resp	330653
Ion Ratio	Lower	Upper	
164	100		
162	101.8	87.7	131.5
160	44.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 156.20 ng

RT: 16.28 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

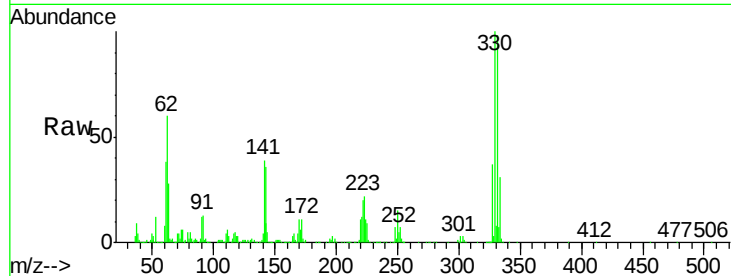
Tot Ion:330 Resp: 755444

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

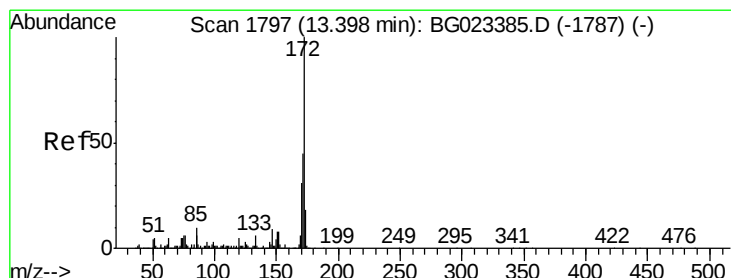
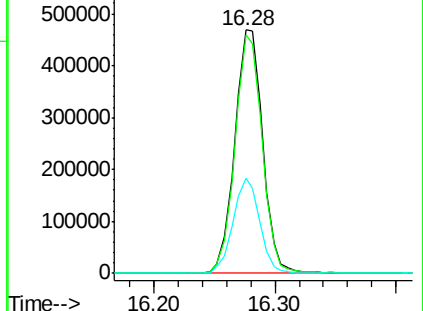
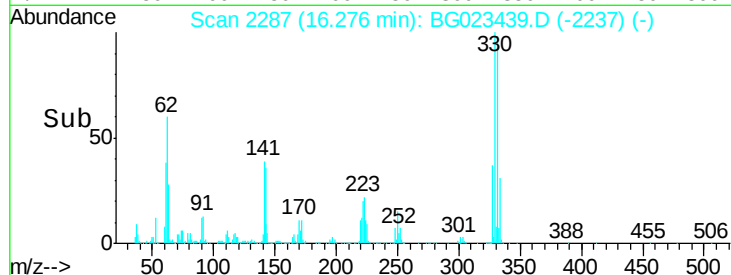
141 37.2 31.7 47.5



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: 92.07 ng

RT: 13.40 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

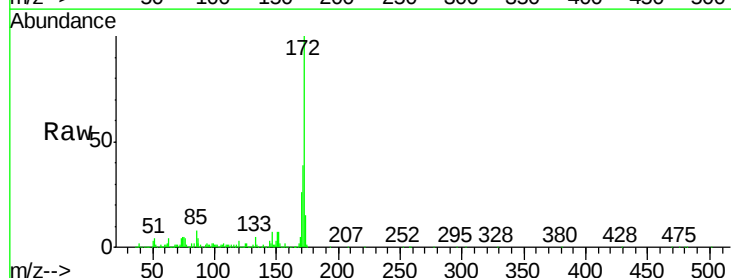
Tgt Ion:172 Resp: 1805003

Ion Ratio Lower Upper

172 100

171 39.2 31.6 47.4

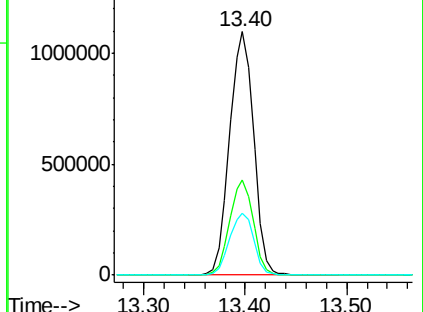
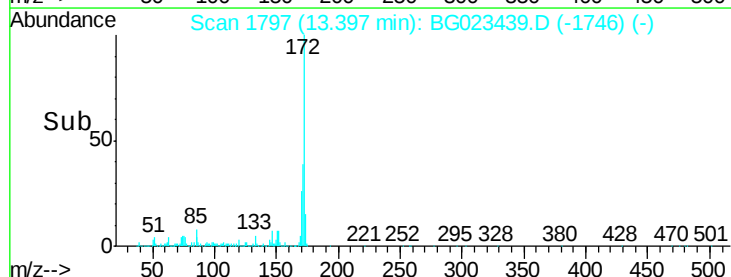
170 25.7 21.3 31.9

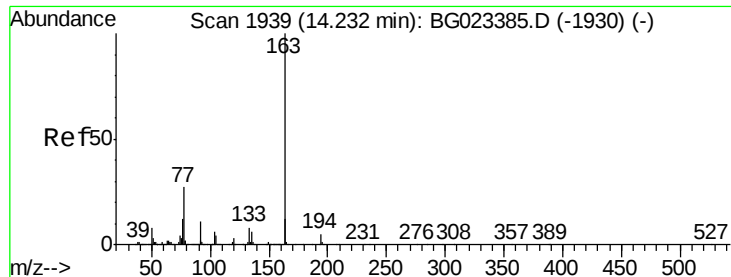


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.03 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

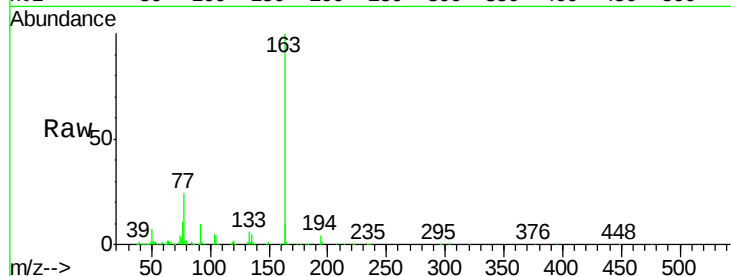
Tot Ion:163 Resp: 355941

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

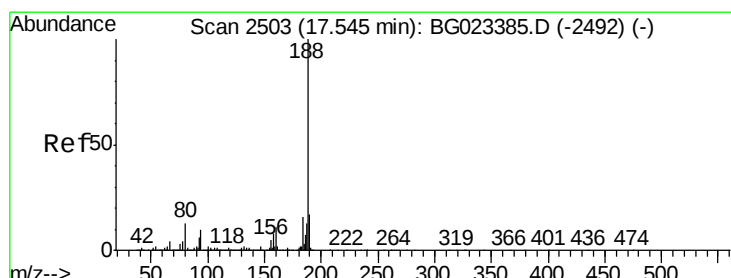
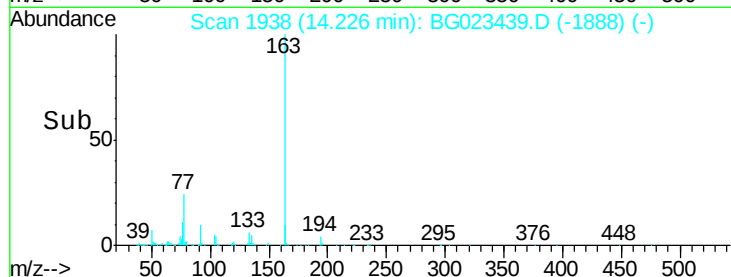
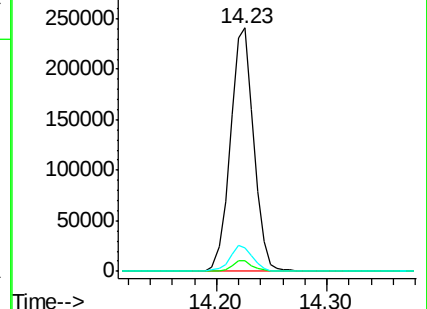
164 9.6 8.1 12.1



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# 2502

Delta R.T. -0.01 min

Lab File: BG023439.D

Acq: 4 Aug 2016 00:02

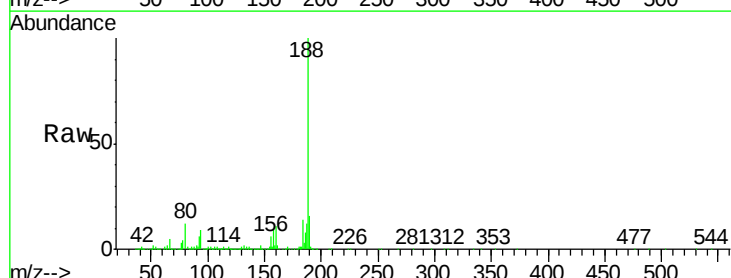
Tgt Ion:188 Resp: 913024

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

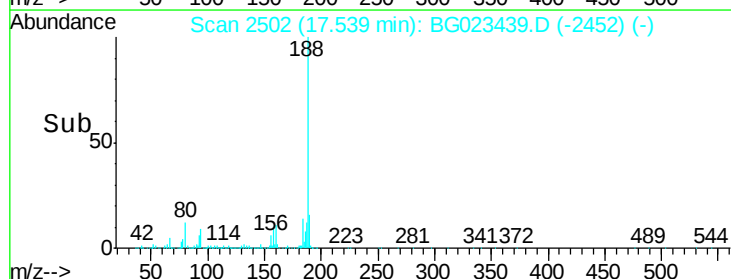
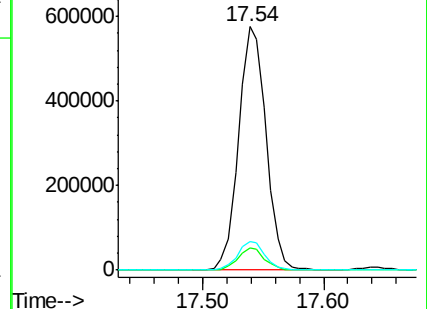
80 11.6 7.2 10.8#

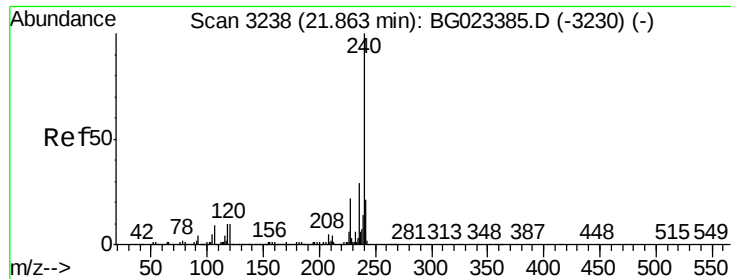


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

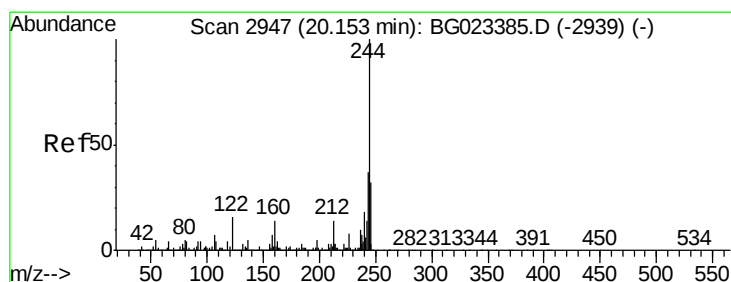
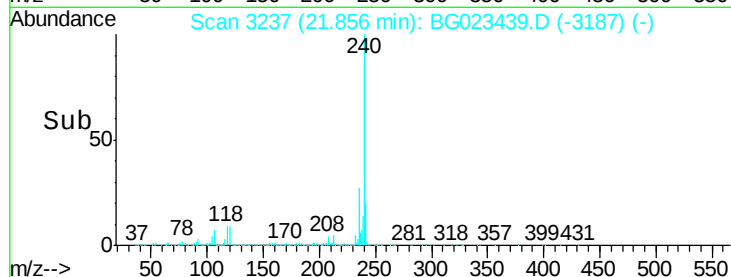
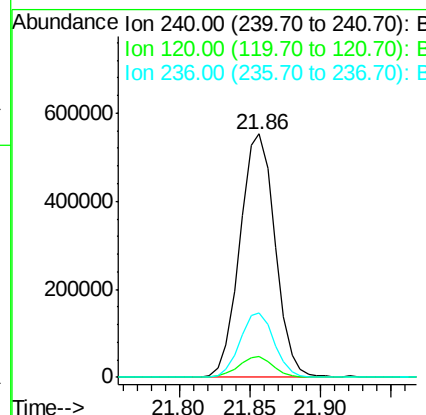
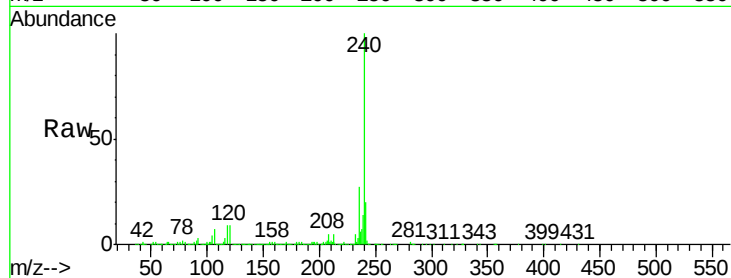




#75
Chrvsene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023439.D
Acq: 4 Aug 2016 00:02

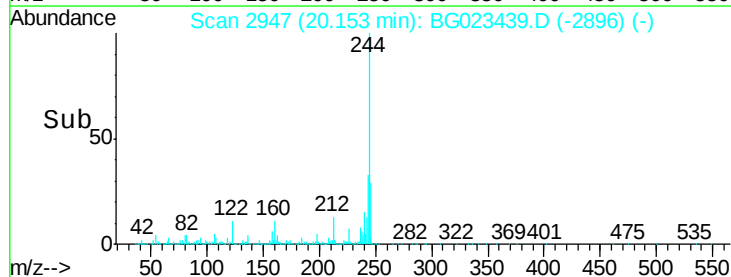
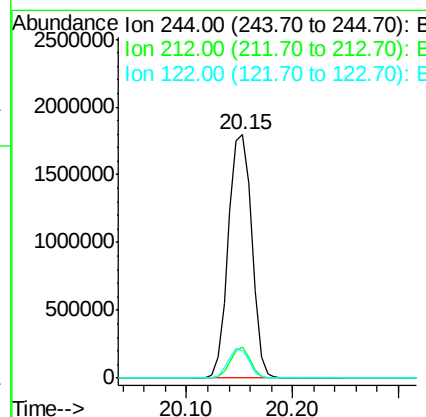
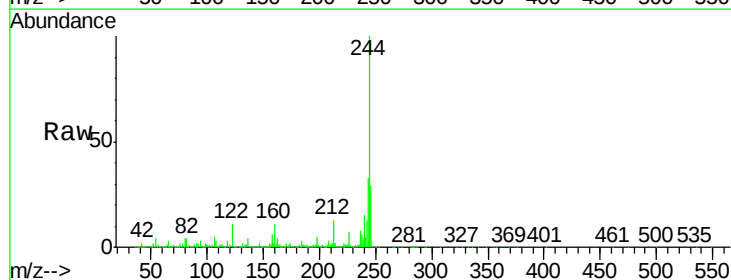
Instrument :
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SB-67-14.0-15.0

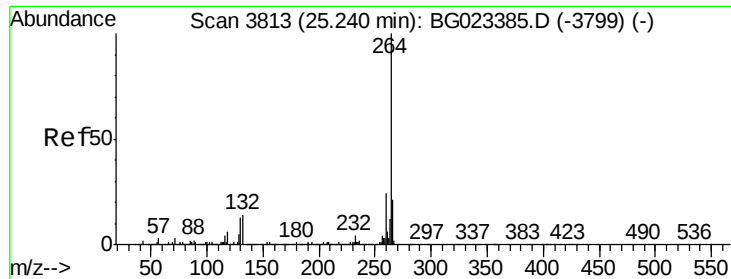
Tot Ion:240 Resp: 961050
Ion Ratio Lower Upper
240 100
120 8.8 4.1 6.1#
236 26.5 21.1 31.7



#78
Terphenyl-d14
Concen: 91.00 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG023439.D
Acq: 4 Aug 2016 00:02

Tgt Ion:244 Resp: 2753227
Ion Ratio Lower Upper
244 100
212 12.7 10.8 16.2
122 11.4 8.0 12.0

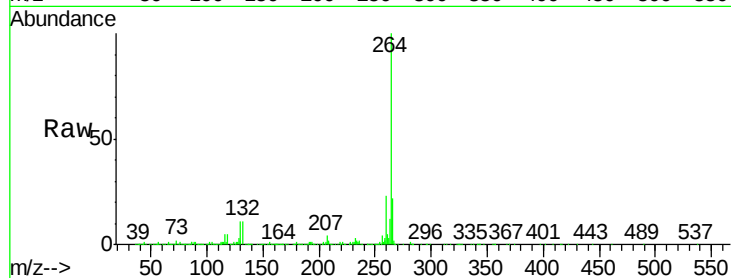




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023439.D
Acq: 4 Aug 2016 00:02

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

Tot Ion:	264	Resp:	941807
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.5	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

