

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023438.D
 Acq On : 3 Aug 2016 23:22
 Operator : UM/SJ
 Sample : H4288-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-65-0.5-1.5

Quant Time: Aug 04 03:43:34 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

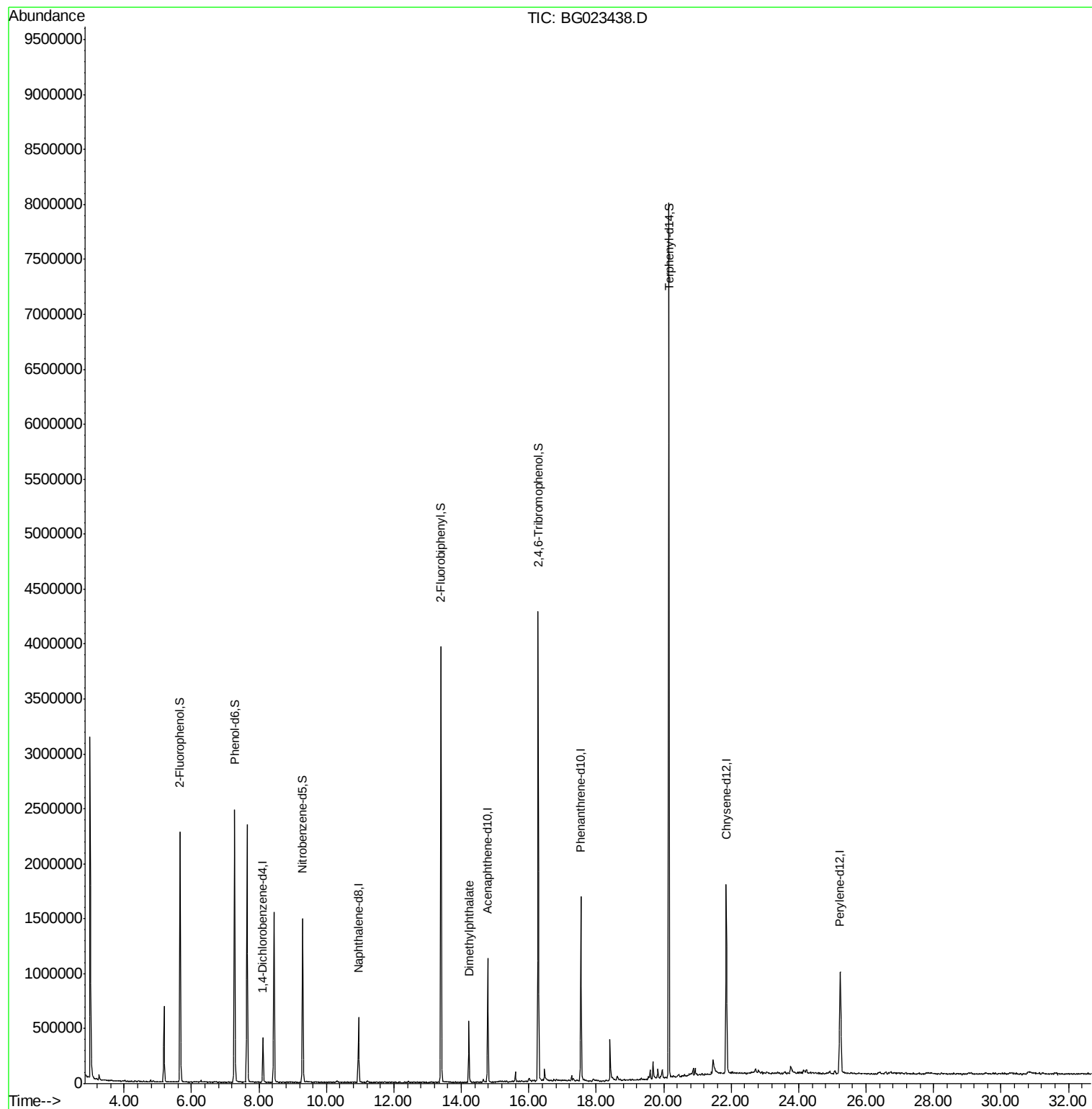
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	109291	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	500802	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	373659	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	999347	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1040060	20.00	ng	0.00
86) Perylene-d12	25.24	264	1011613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	987069	152.03	ng	0.00
7) Phenol-d6	7.27	99	1472455	145.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	963653	95.66	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	783632	143.38	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1914014	86.40	ng	0.00
78) Terphenyl-d14	20.15	244	3043343	93.48	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.22	163	347423	12.12	ng	Qvalue # 97

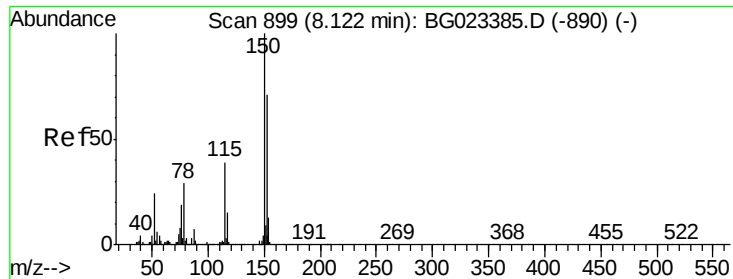
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023438.D

Acq: 3 Aug 2016 23:22

Instrument :

BNA_G

ClientSampleId :

SB-65-0.5-1.5

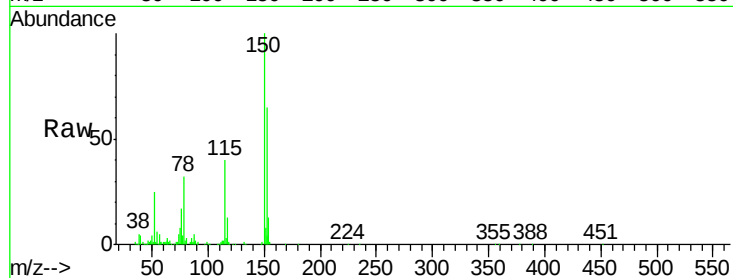
Tot Ion:152 Resp: 109291

Ion Ratio Lower Upper

152 100

150 152.7 144.7 217.1

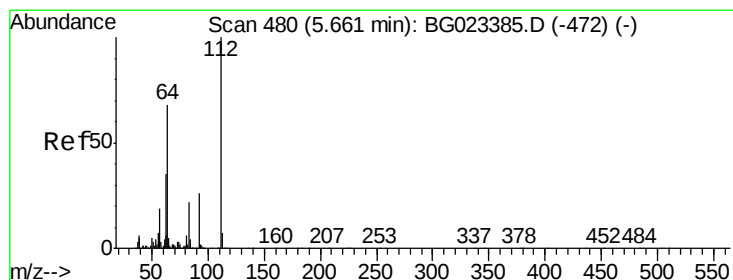
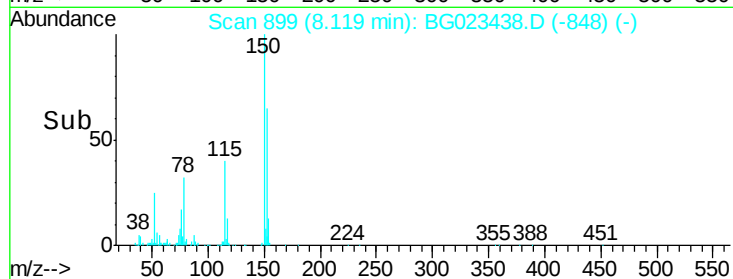
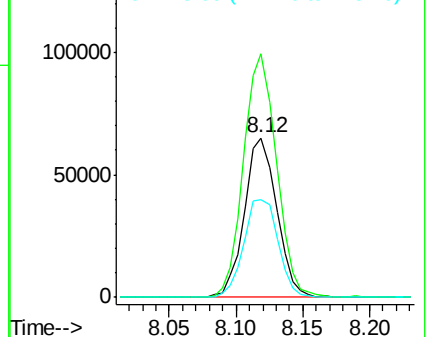
115 61.5 64.0 96.0#



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: 152.03 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023438.D

Acq: 3 Aug 2016 23:22

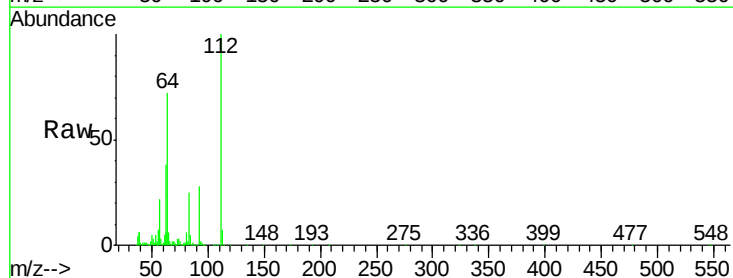
Tgt Ion:112 Resp: 987069

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

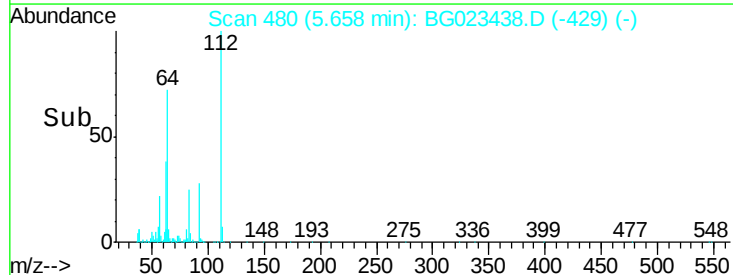
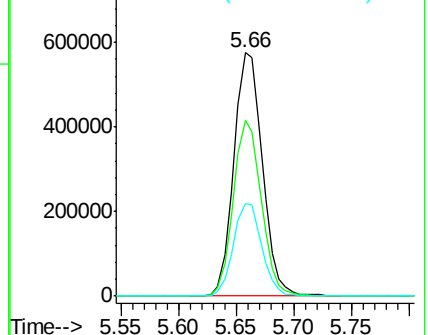
63 37.9 37.8 56.8

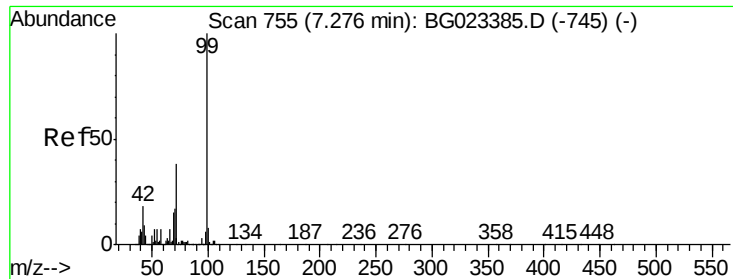


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.60 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023438.D

Acq: 3 Aug 2016 23:22

Instrument :

BNA_G

ClientSampleId :

SB-65-0.5-1.5

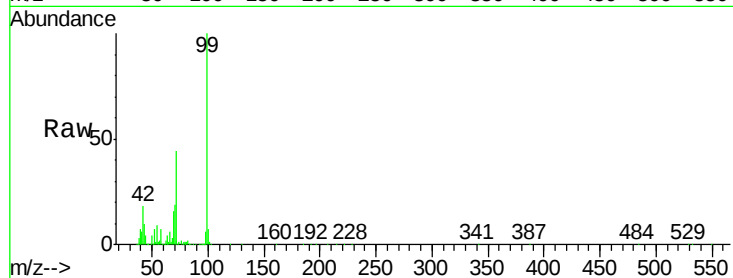
Tot Ion: 99 Resp: 1472455

Ion Ratio Lower Upper

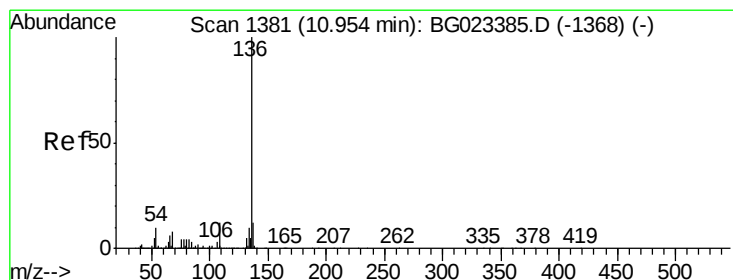
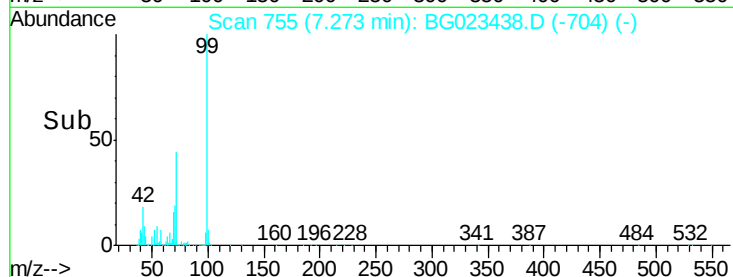
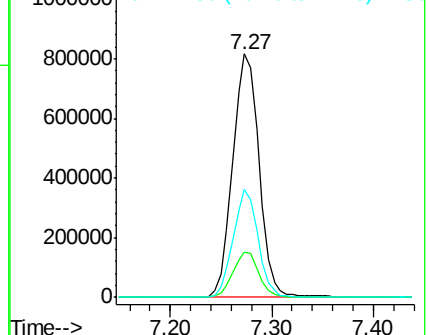
99 100

42 18.4 17.8 26.6

71 44.2 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: BG023438.D

Acq: 3 Aug 2016 23:22

Tgt Ion: 136 Resp: 500802

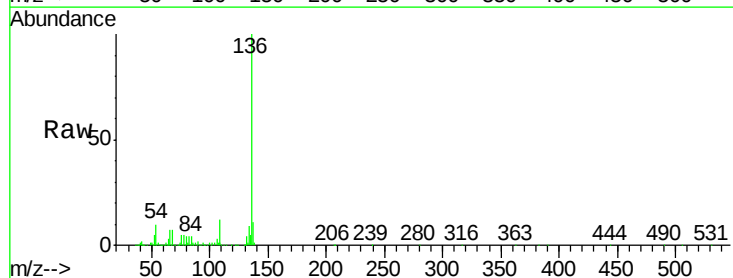
Ion Ratio Lower Upper

136 100

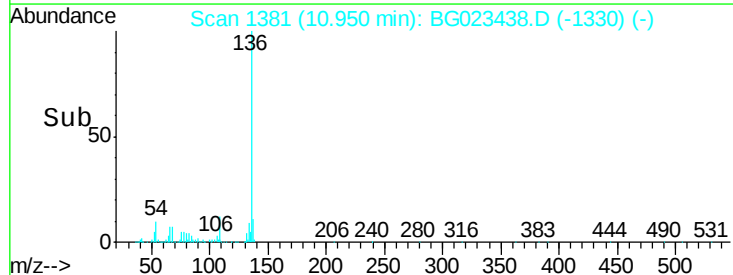
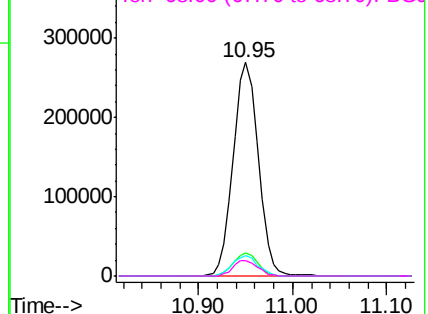
137 10.6 9.6 14.4

54 9.6 7.3 10.9

68 7.2 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

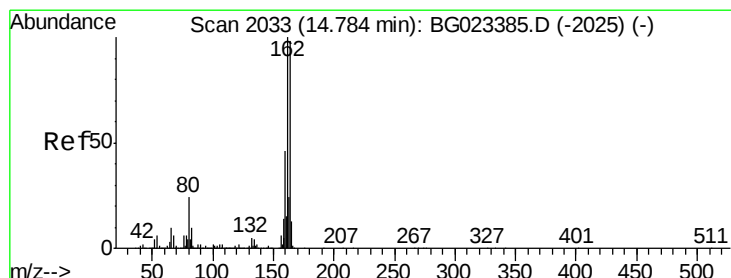
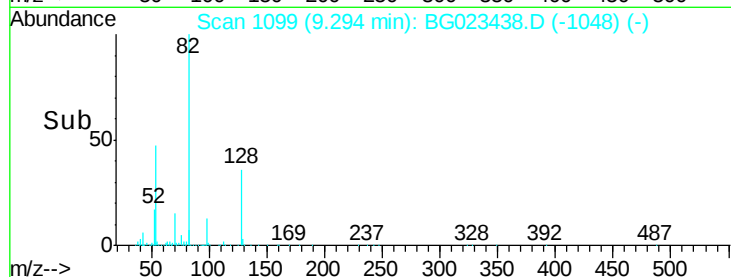
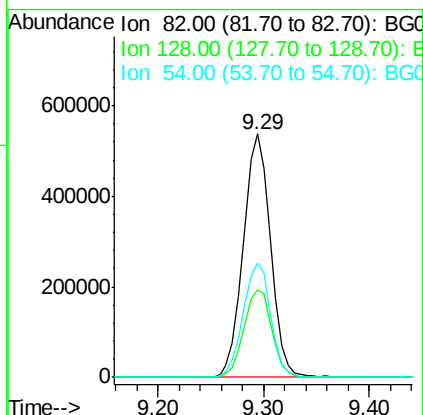
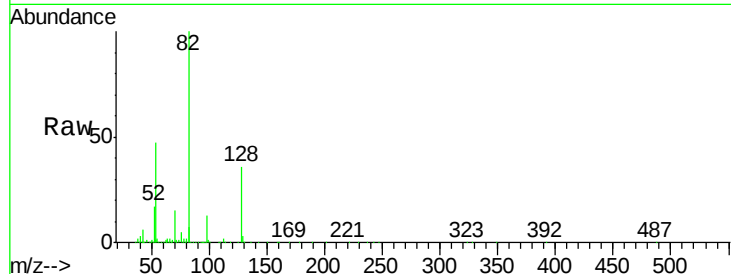




#23
 Nitrobenzene-d5
 Concen: 95.66 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

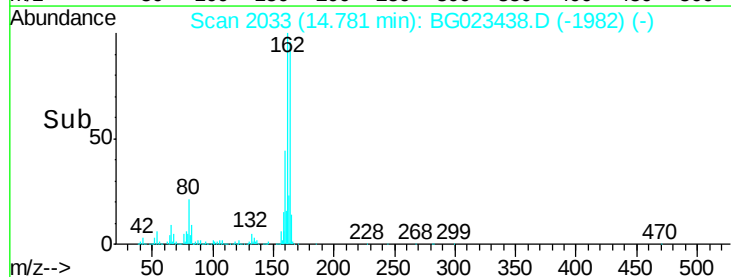
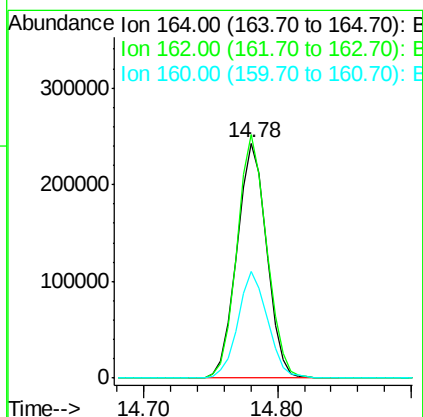
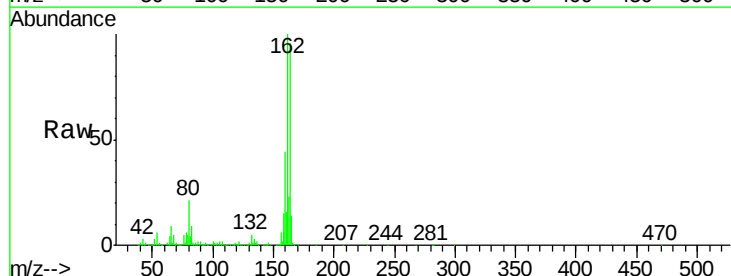
Instrument :
 BNA_G
 ClientSampleId :
 SB-65-0.5-1.5

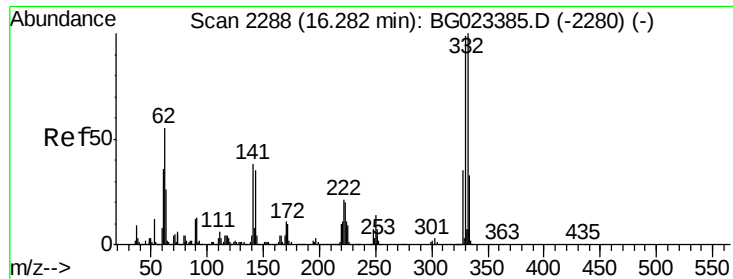
Tot Ion	82	Resp	963653
Ion Ratio	Lower	Upper	
82	100		
128	36.1	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

Tgt Ion	164	Resp	373659
Ion Ratio	Lower	Upper	
164	100		
162	103.7	87.7	131.5
160	45.2	37.2	55.8

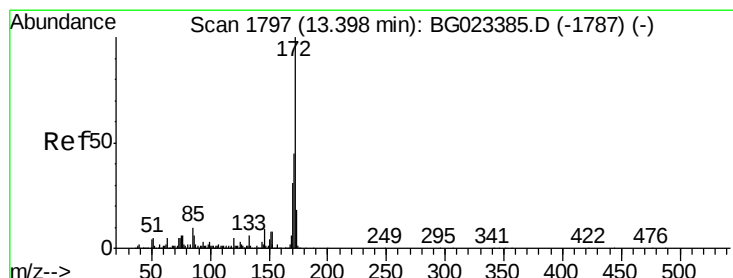
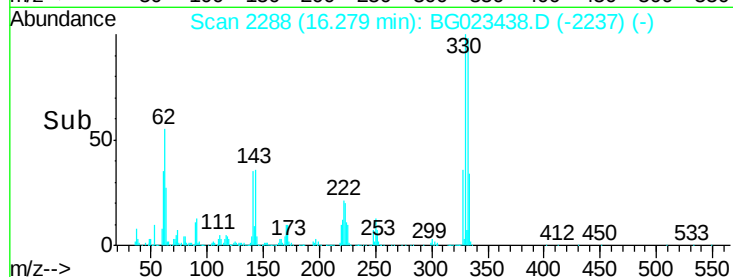
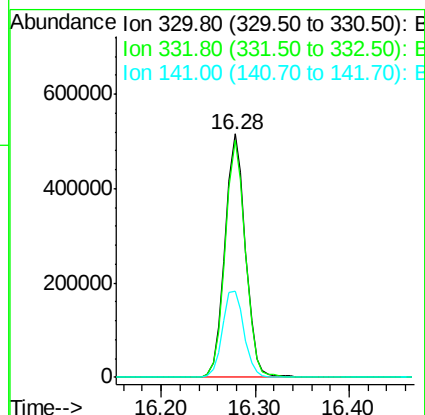
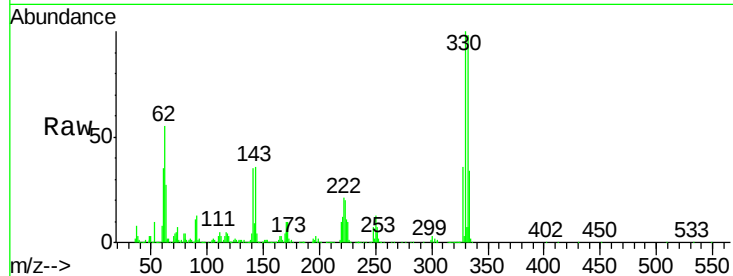




#41
 2,4,6-Tribromophenol
 Concen: 143.38 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

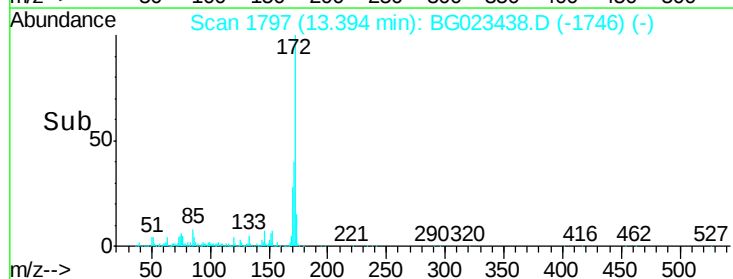
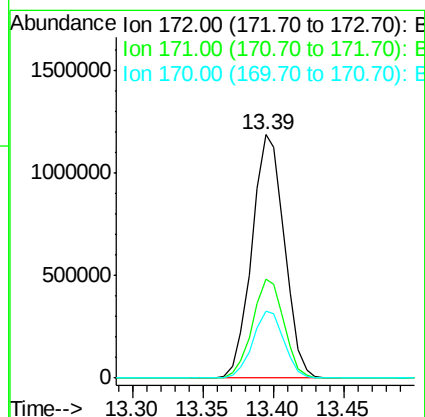
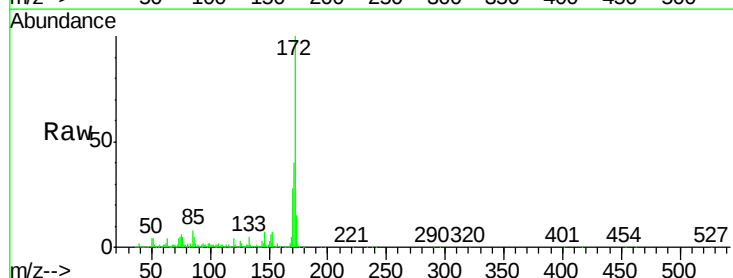
Instrument :
 BNA_G
 ClientSampleId :
 SB-65-0.5-1.5

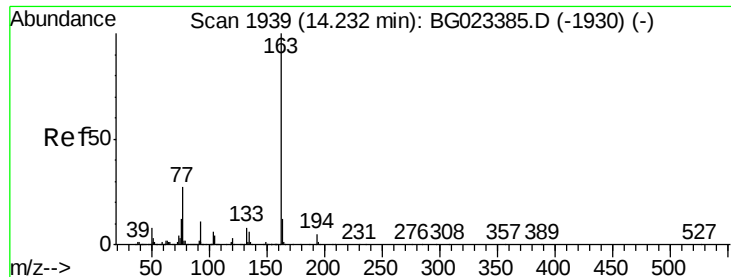
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	37.6	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.6	47.4
170	27.6	21.3	31.9





#49

Dimethylphthalate

Concen: 12.12 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023438.D

Acq: 3 Aug 2016 23:22

Instrument :

BNA_G

ClientSampleId :

SB-65-0.5-1.5

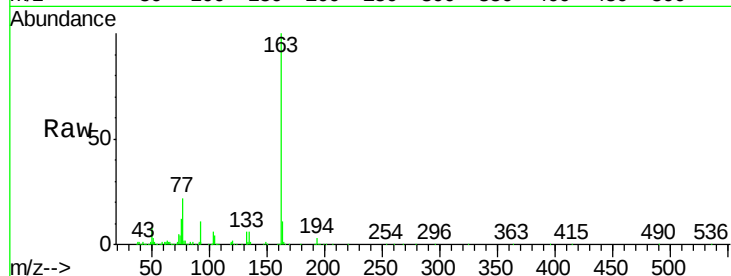
Tot Ion:163 Resp: 347423

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

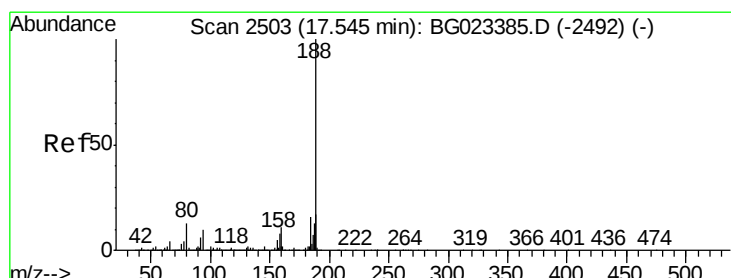
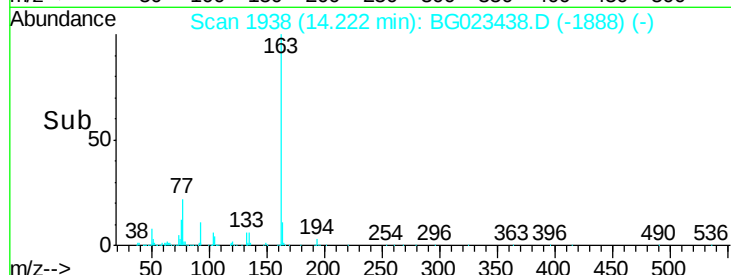
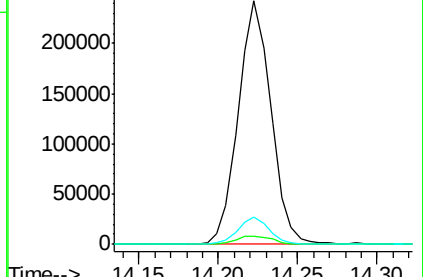
164 11.0 8.1 12.1



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: BG023438.D

Acq: 3 Aug 2016 23:22

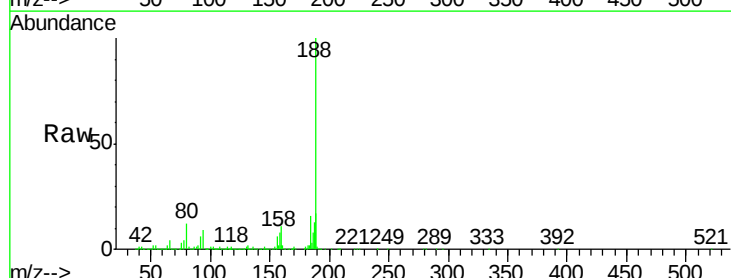
Tgt Ion:188 Resp: 999347

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

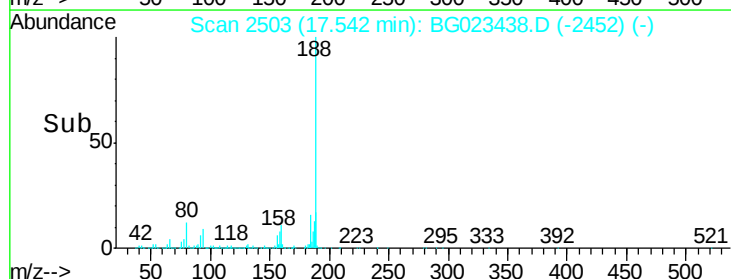
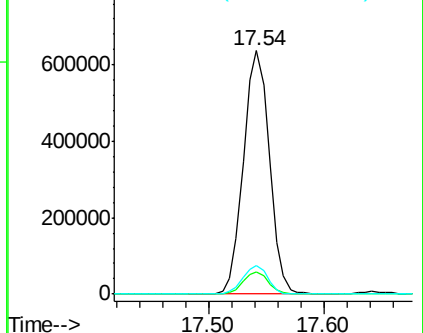
80 11.6 7.2 10.8#

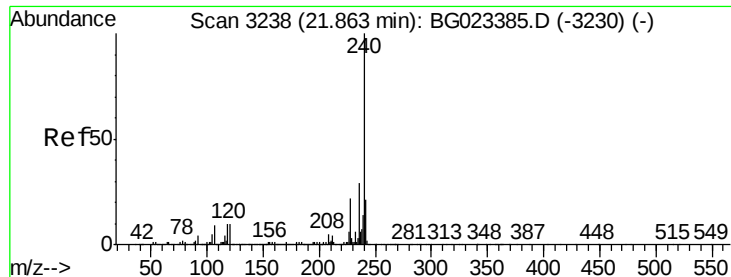


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

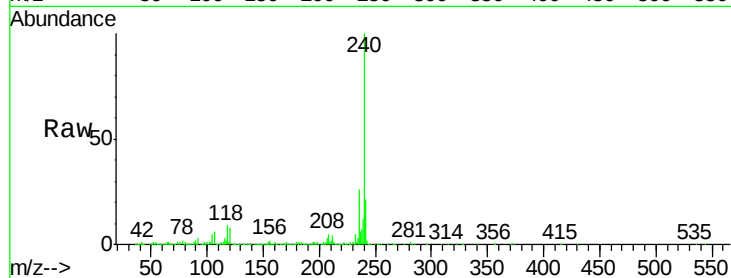




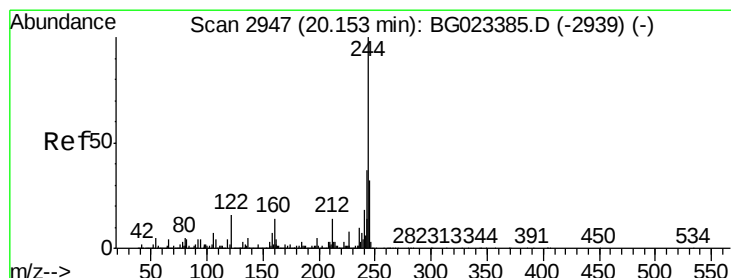
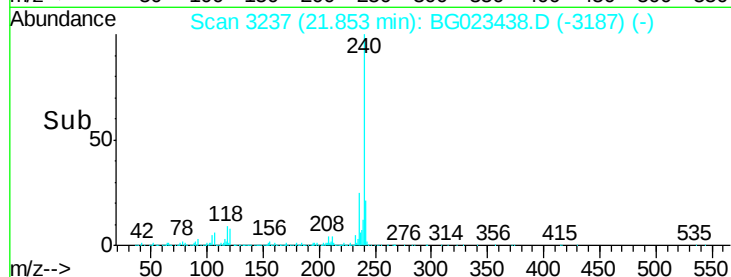
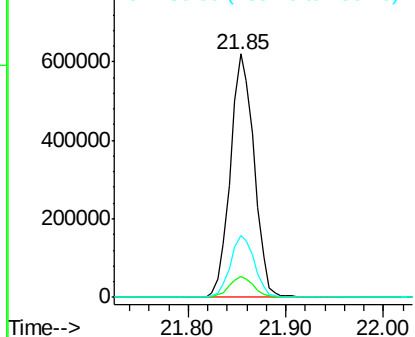
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-65-0.5-1.5

Tot Ion:240 Resp: 1040060
 Ion Ratio Lower Upper
 240 100
 120 8.5 4.1 6.1#
 236 25.5 21.1 31.7

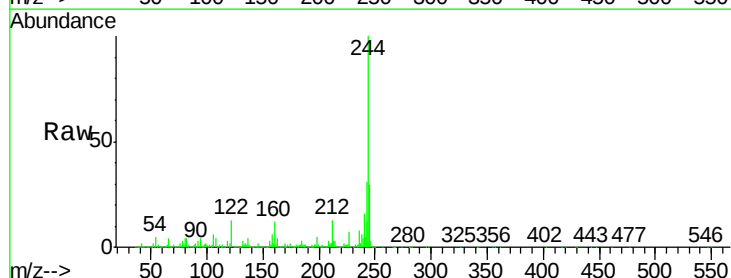


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

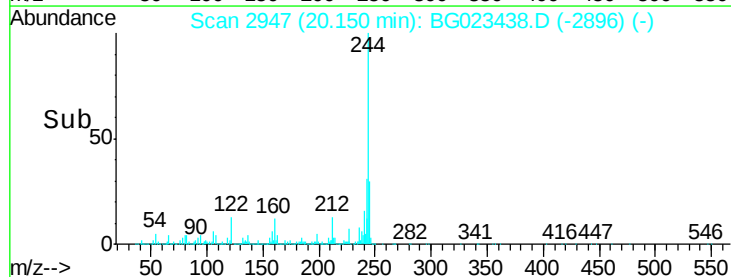
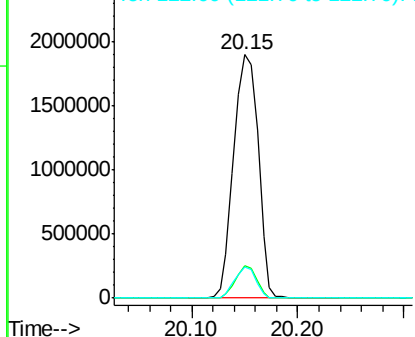


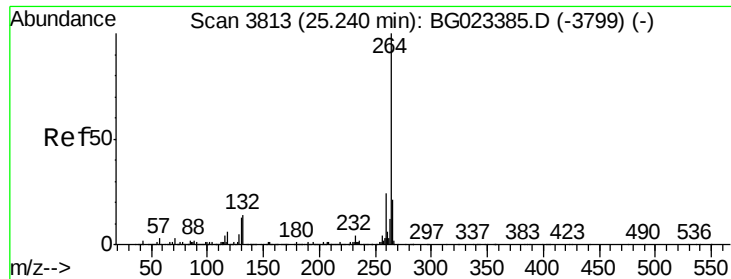
#78
 Terphenyl-d14
 Concen: 93.48 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023438.D
 Acq: 3 Aug 2016 23:22

Tgt Ion:244 Resp: 3043343
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.8 16.2
 122 13.0 8.0 12.0#



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: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023438.D
Acq: 3 Aug 2016 23:22

Instrument :
BNA_G
ClientSampleId :
SB-65-0.5-1.5

Tot Ion:264 Resp: 1011613

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.9	18.9	28.3

