

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023426.D
 Acq On : 3 Aug 2016 15:17
 Operator : UM/SJ
 Sample : H4287-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-61-7.0-8.0

Quant Time: Aug 04 03:27:09 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

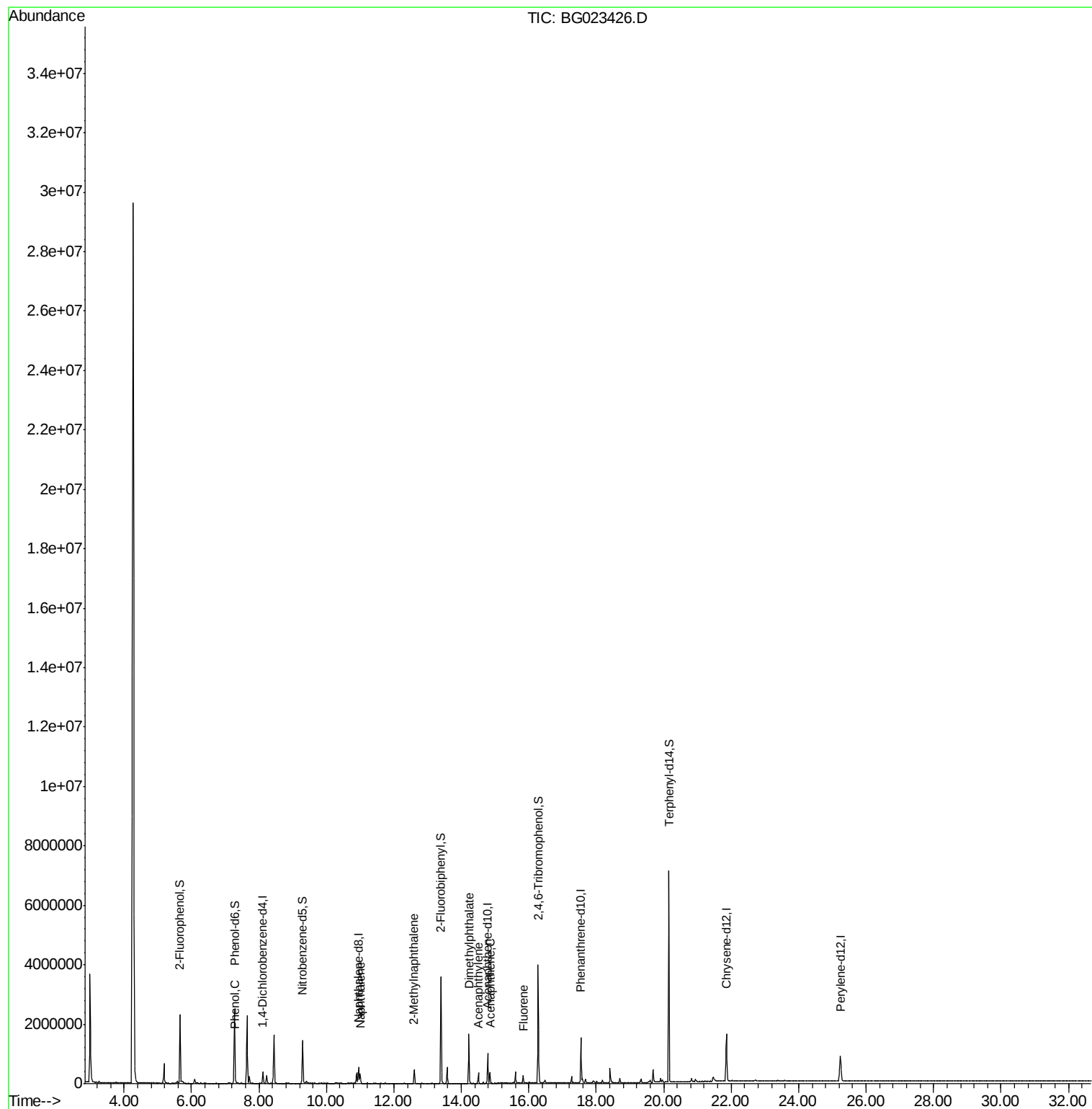
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	107527	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	473884	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	339353	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	890601	20.00	ng	0.00
75) Chrysene-d12	21.86	240	981529	20.00	ng	0.00
86) Perylene-d12	25.24	264	938780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	962055	150.60	ng	0.00
7) Phenol-d6	7.27	99	1452001	145.94	ng	0.00
23) Nitrobenzene-d5	9.29	82	970970	101.86	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	721471	145.35	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1853763	92.14	ng	0.00
78) Terphenyl-d14	20.15	244	2831972	91.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.30	94	23245	2.18	ng	90
31) Naphthalene	11.00	128	286275	11.86	ng	95
37) 2-Methylnaphthalene	12.60	142	225099	12.27	ng	# 91
48) Acenaphthylene	14.50	152	256511	8.09	ng	98
49) Dimethylphthalate	14.22	163	1023263	39.30	ng	98
51) Acenaphthene	14.85	154	141758	7.05	ng	97
57) Fluorene	15.83	166	106435	4.18	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

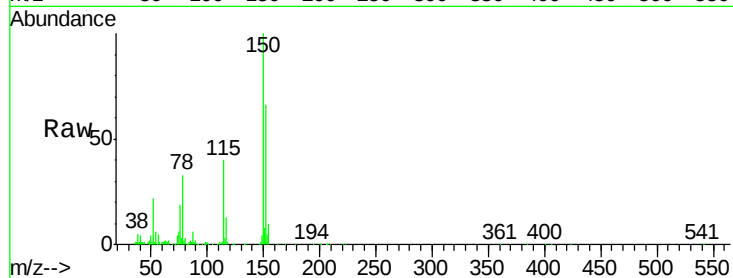
Tot Ion:152 Resp: 107527

Ion Ratio Lower Upper

152 100

150 151.8 144.7 217.1

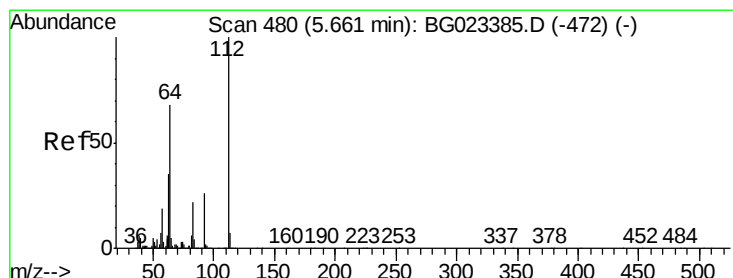
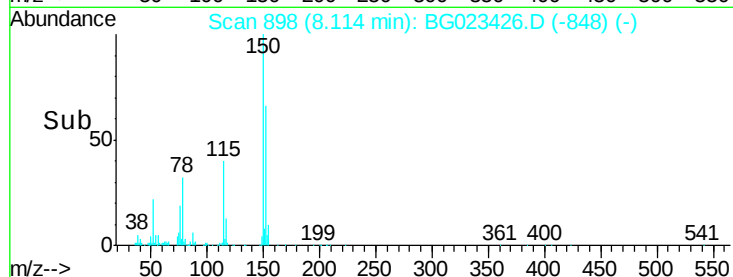
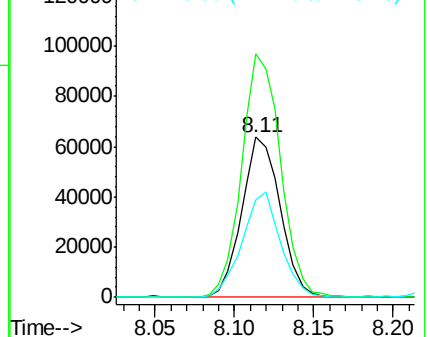
115 60.6 64.0 96.0#



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: 150.60 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

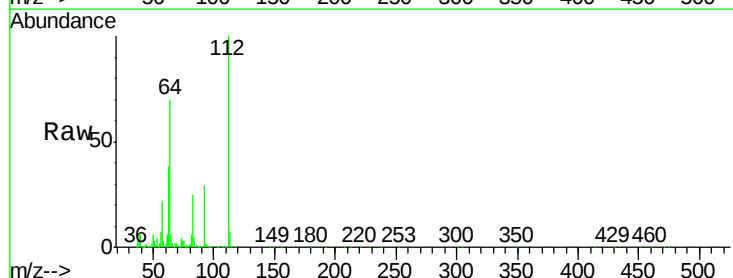
Tgt Ion:112 Resp: 962055

Ion Ratio Lower Upper

112 100

64 69.9 59.0 88.4

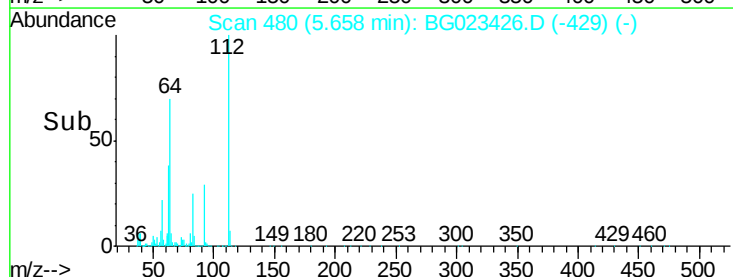
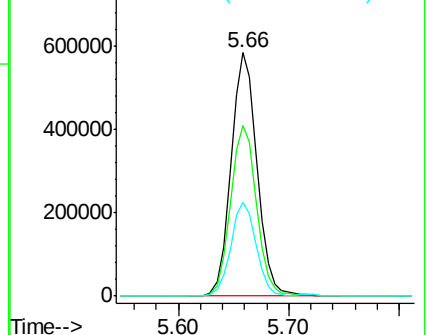
63 38.4 37.8 56.8

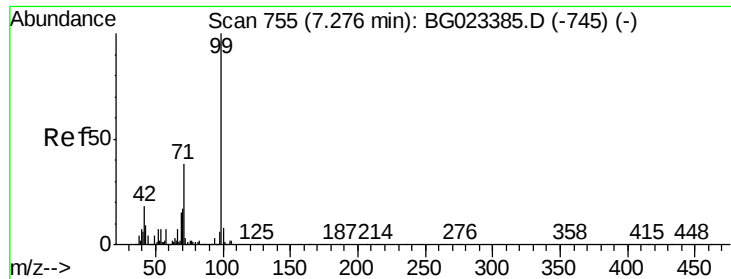


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.94 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

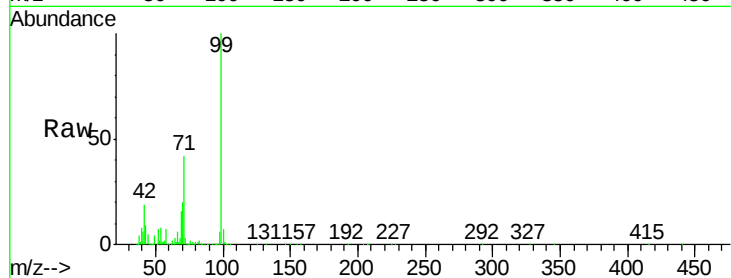
Tot Ion: 99 Resp: 1452001

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	42.5	41.5	62.3

99 100

42 19.5 17.8 26.6

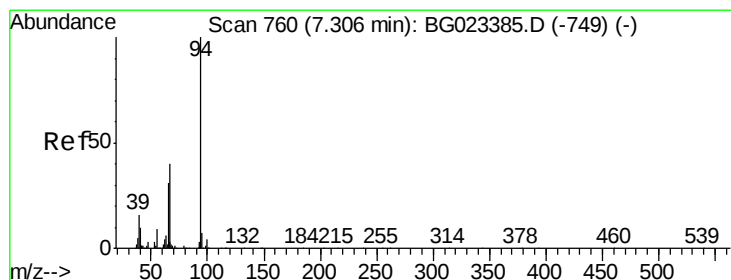
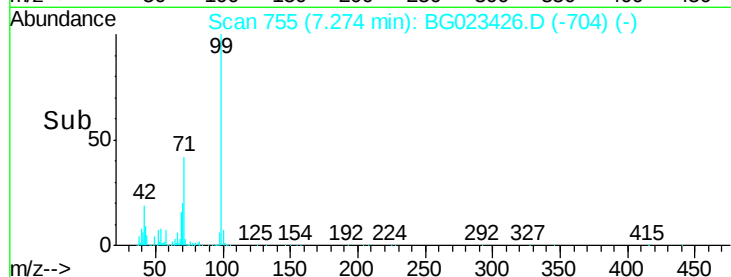
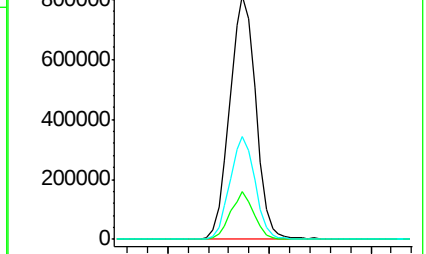
71 42.5 41.5 62.3



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



#10

Phenol

Concen: 2.18 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

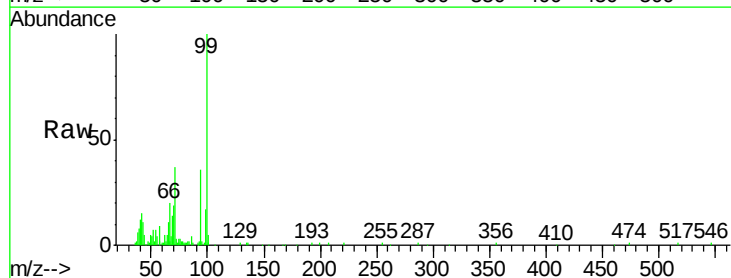
Tgt Ion: 94 Resp: 23245

Ion	Ratio	Lower	Upper
94	100		
65	29.8	18.1	58.1
66	56.2	42.1	82.1

94 100

65 29.8 18.1 58.1

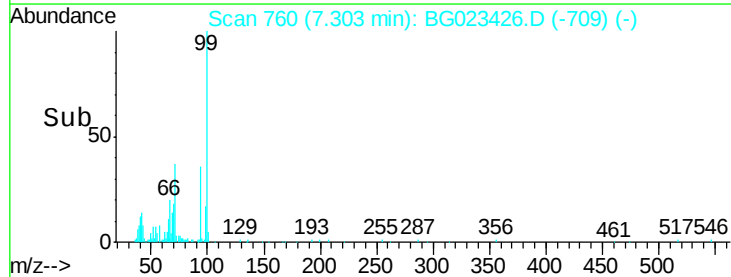
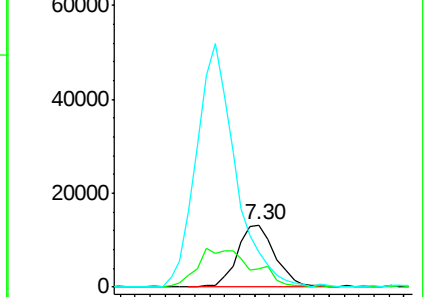
66 56.2 42.1 82.1

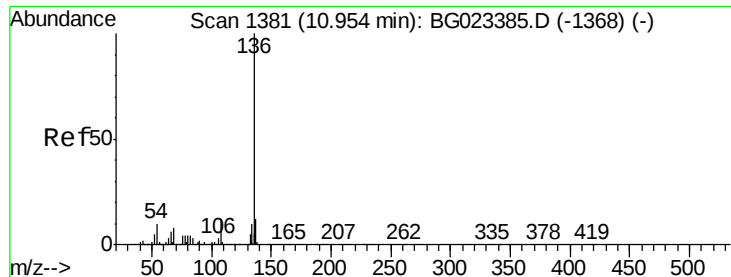


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

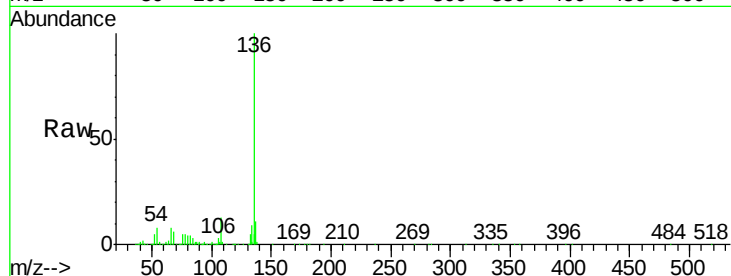




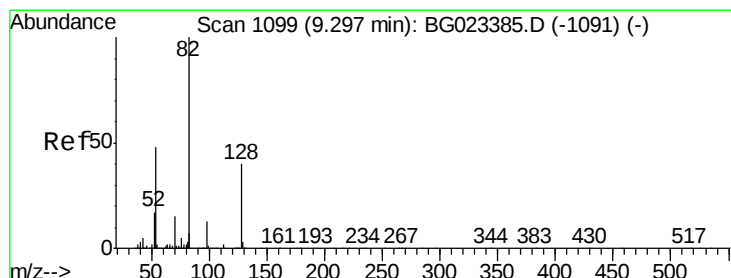
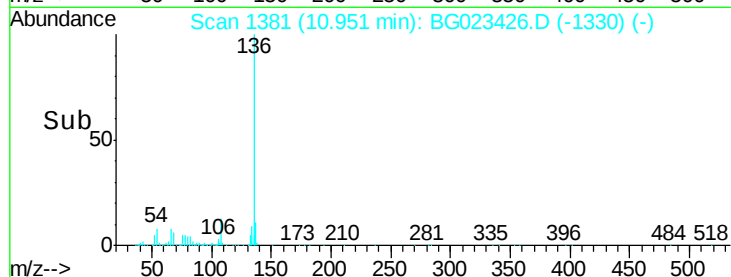
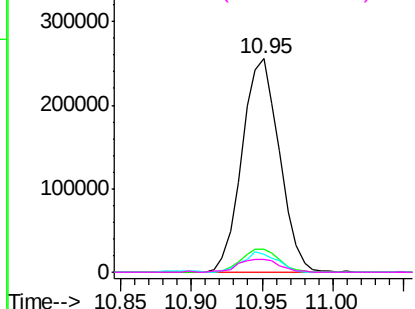
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

Instrument :
BNA_G
ClientSampleId :
SB-61-7.0-8.0

Tot Ion:136	Resp:	473884	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.6	14.4	
54 8.2	7.3	10.9	
68 6.1	5.3	7.9	

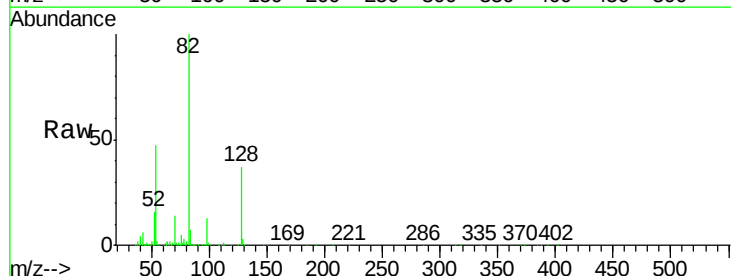


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

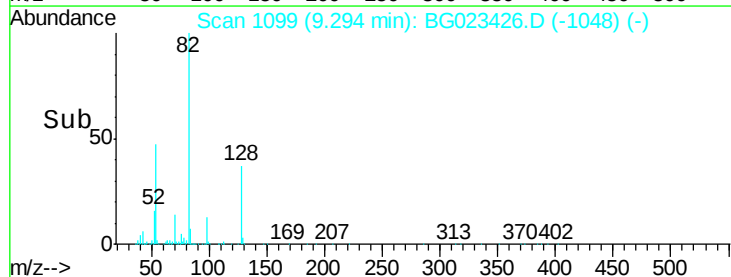
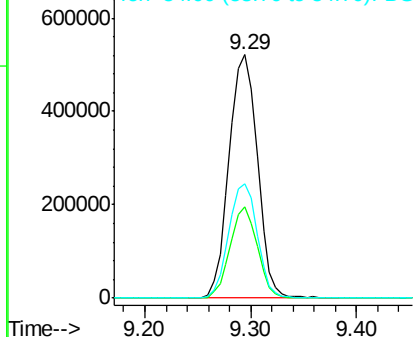


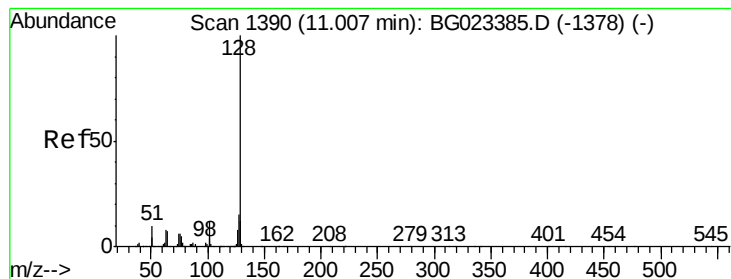
#23
Nitrobenzene-d5
Concen: 101.86 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

Tgt Ion: 82	Resp: 970970
Ion Ratio	Lower Upper
82 100	
128 37.4	24.4 36.6#
54 46.9	41.4 62.0



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





#31

Naphthalene

Concen: 11.86 ng

RT: 11.00 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

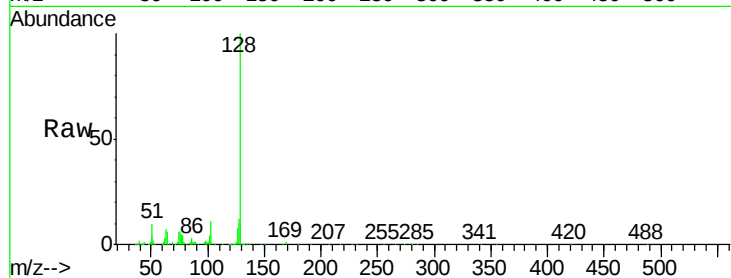
Tot Ion:128 Resp: 286275

Ion Ratio Lower Upper

128 100

129 9.8 9.4 14.0

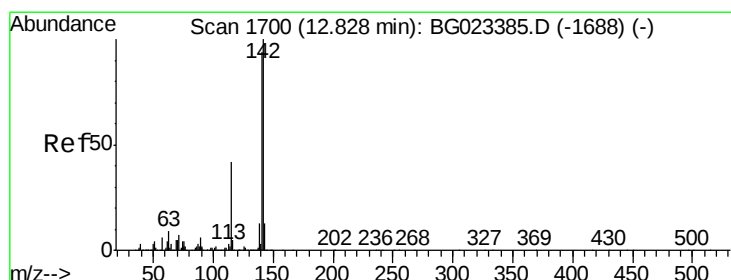
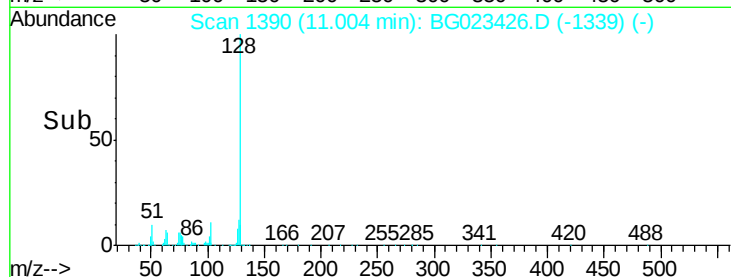
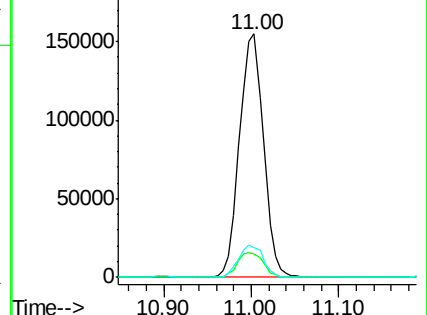
127 12.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 12.27 ng

RT: 12.60 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

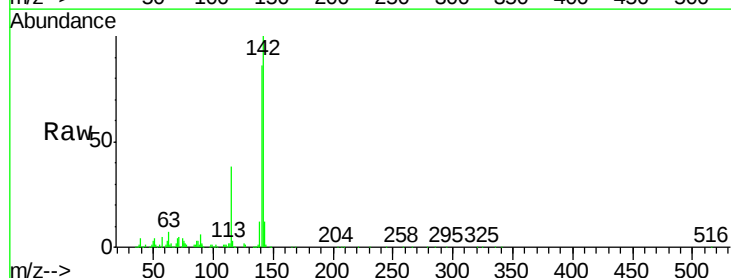
Tgt Ion:142 Resp: 225099

Ion Ratio Lower Upper

142 100

141 85.6 70.2 105.2

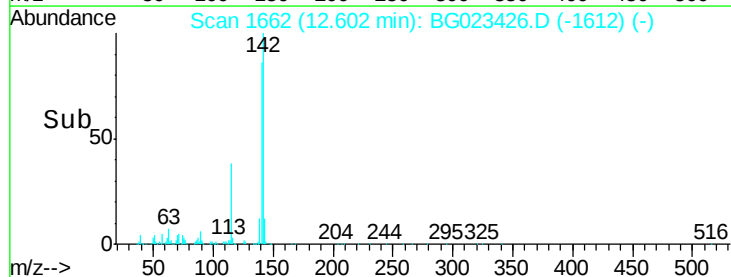
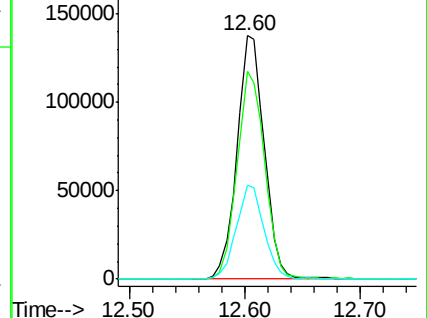
115 38.4 41.7 62.5#

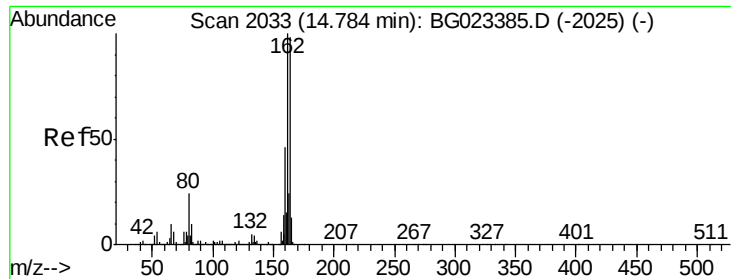


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

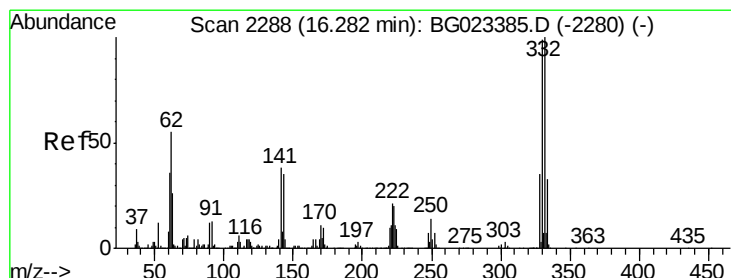
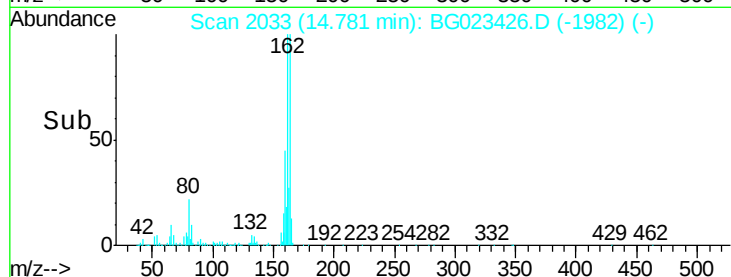
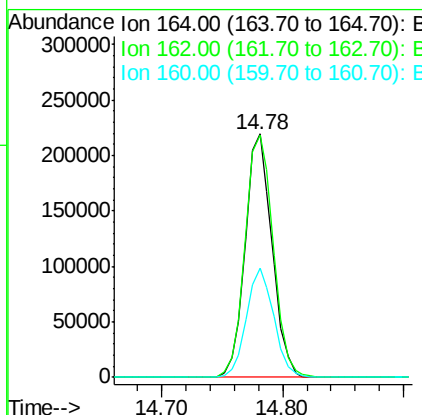
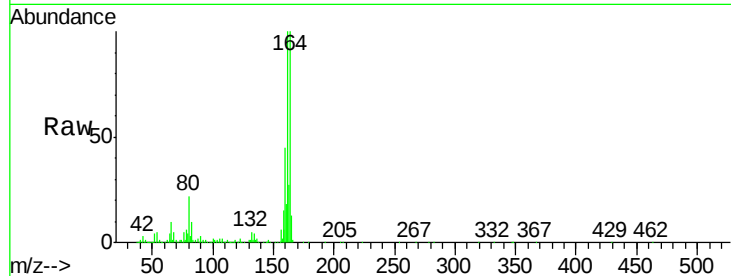




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

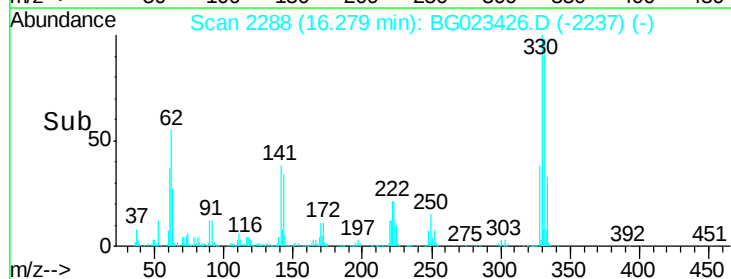
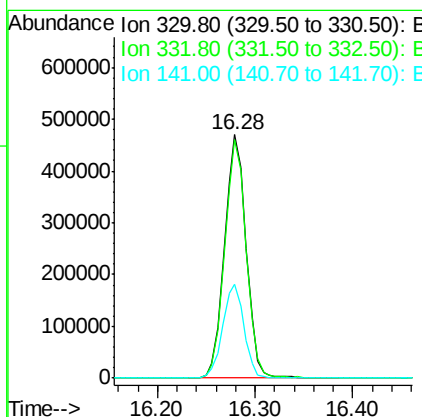
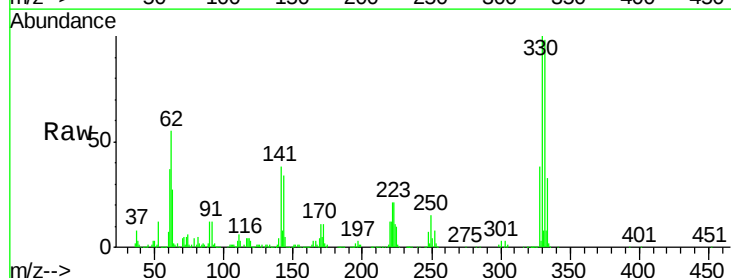
Instrument :
BNA_G
ClientSampleId :
SB-61-7.0-8.0

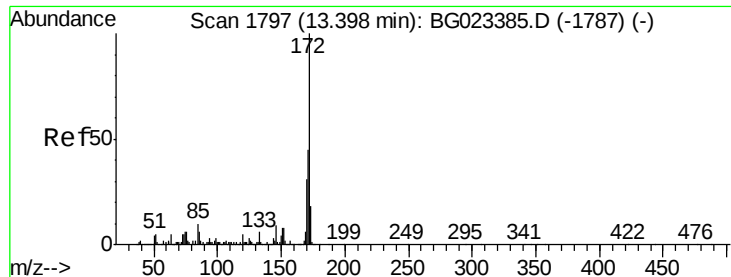
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	87.7	131.5
160	45.1	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 145.35 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	37.9	31.7	47.5

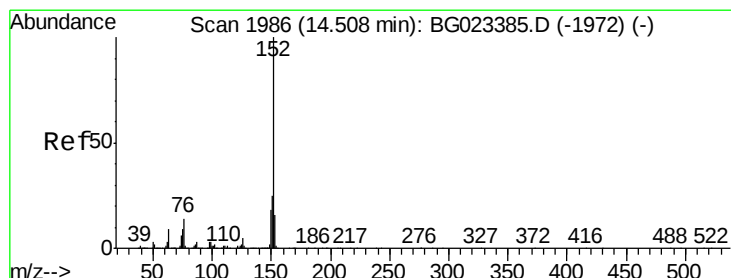
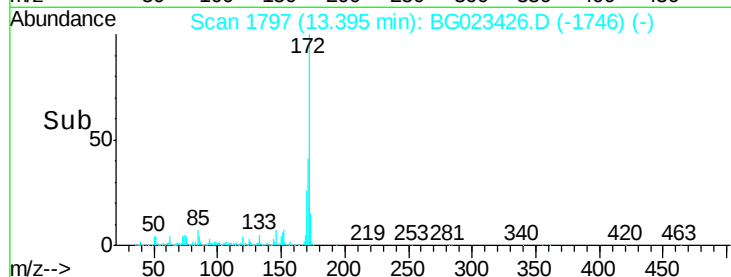
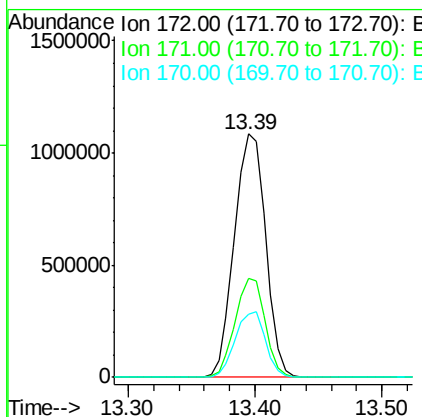
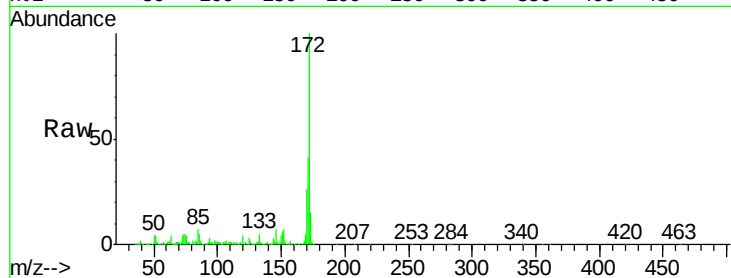




#44
2-Fluorobiphenyl
Concen: 92.14 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

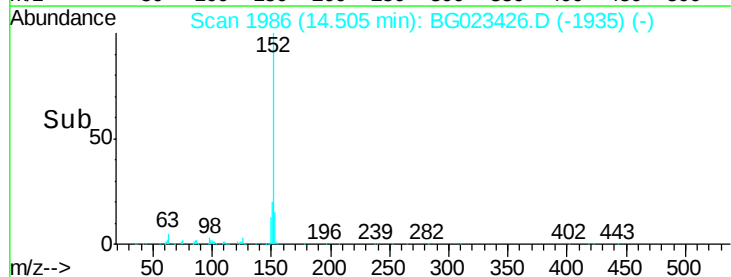
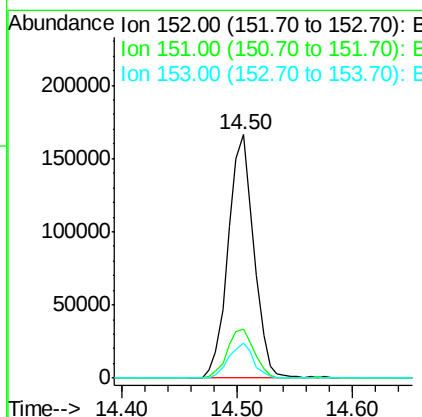
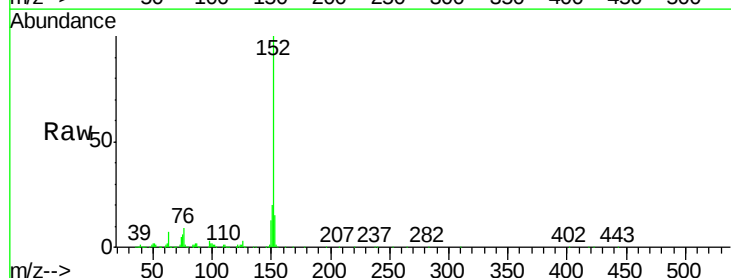
Instrument :
BNA_G
ClientSampleId :
SB-61-7.0-8.0

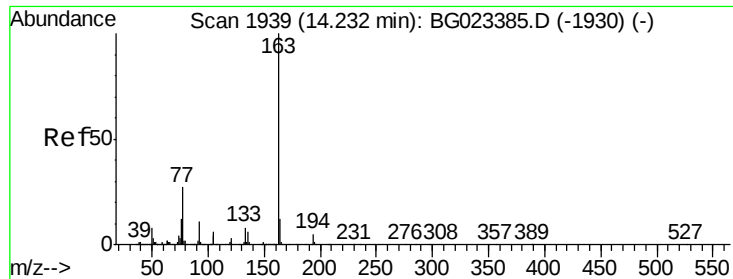
Tot Ion:172 Resp: 1853763
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 26.1 21.3 31.9



#48
Acenaphthylene
Concen: 8.09 ng
RT: 14.50 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG023426.D
Acq: 3 Aug 2016 15:17

Tgt Ion:152 Resp: 256511
Ion Ratio Lower Upper
152 100
151 20.4 17.6 26.4
153 14.6 11.4 17.2





#49

Dimethylphthalate

Concen: 39.30 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

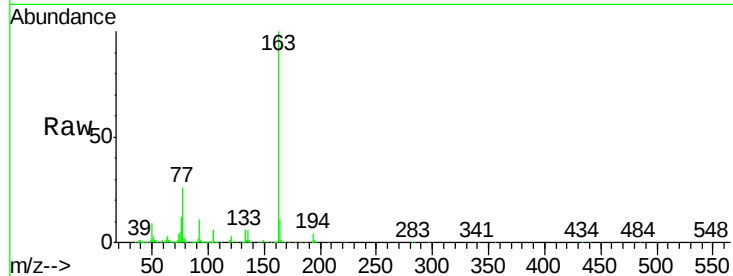
Tot Ion:163 Resp: 1023263

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

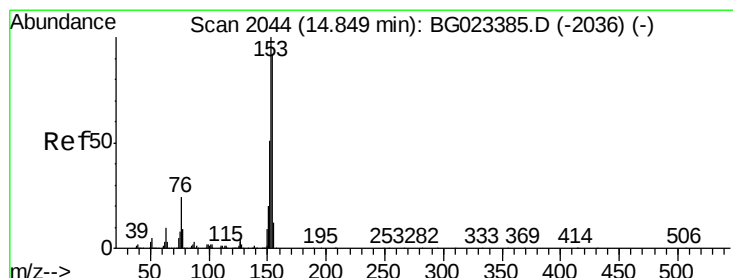
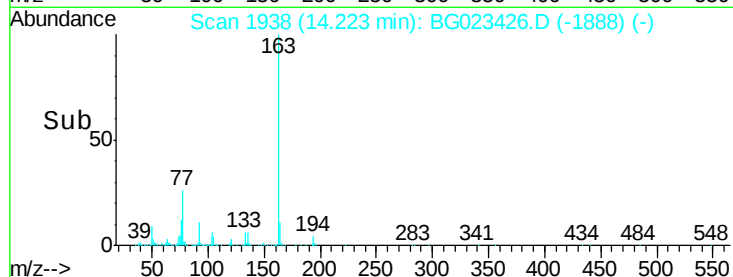
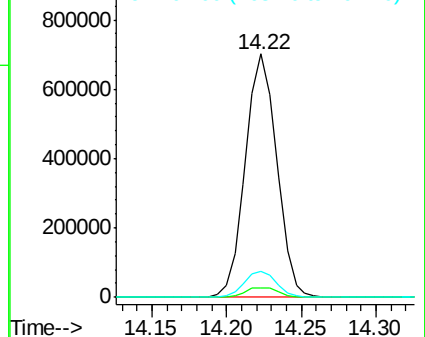
164 10.8 8.1 12.1



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



#51

Acenaphthene

Concen: 7.05 ng

RT: 14.85 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

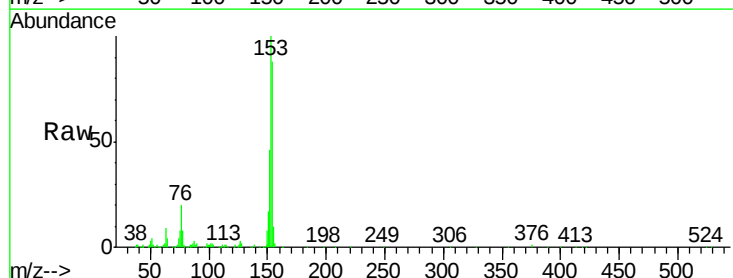
Tgt Ion:154 Resp: 141758

Ion Ratio Lower Upper

154 100

153 114.0 87.5 131.3

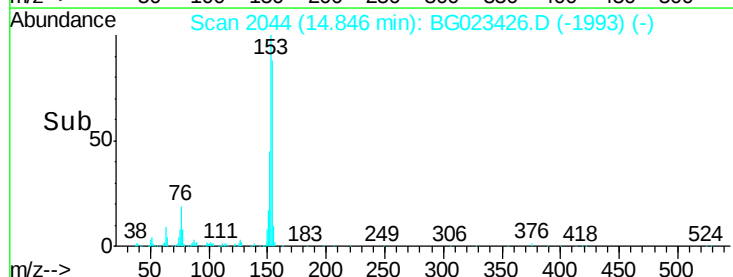
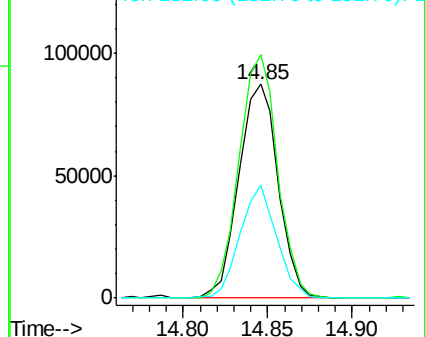
152 52.8 42.7 64.1

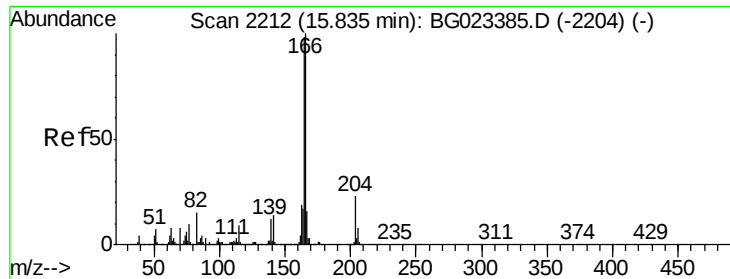


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 4.18 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

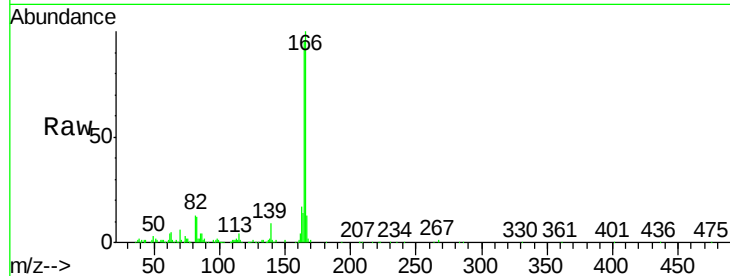
Tot Ion:166 Resp: 106435

Ion Ratio Lower Upper

166 100

165 95.9 81.0 121.6

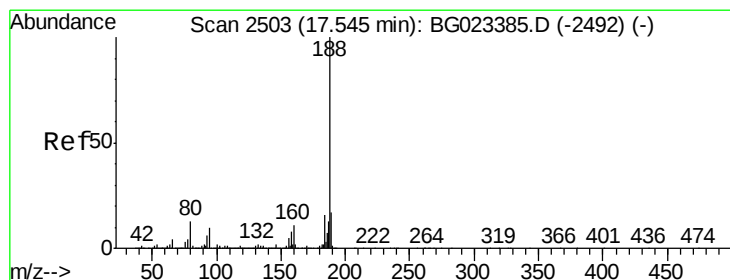
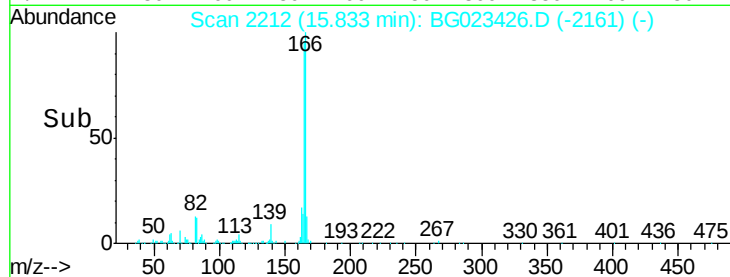
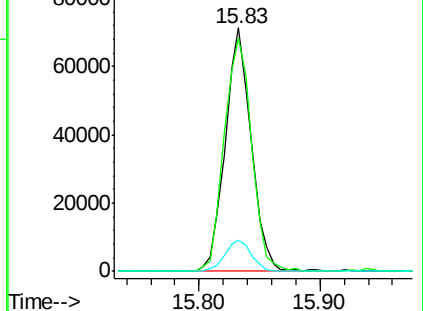
167 12.9 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

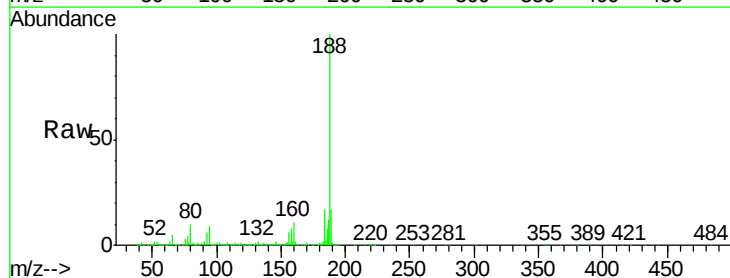
Tgt Ion:188 Resp: 890601

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

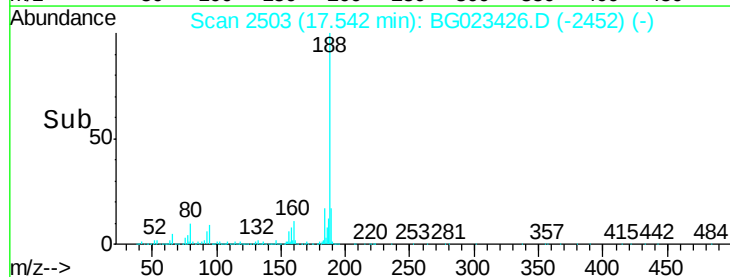
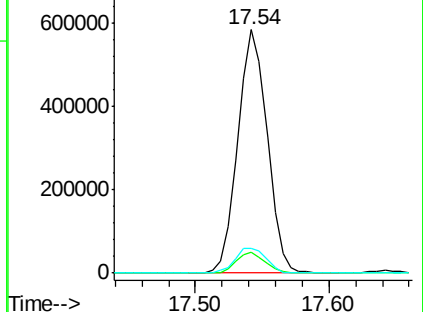
80 10.1 7.2 10.8

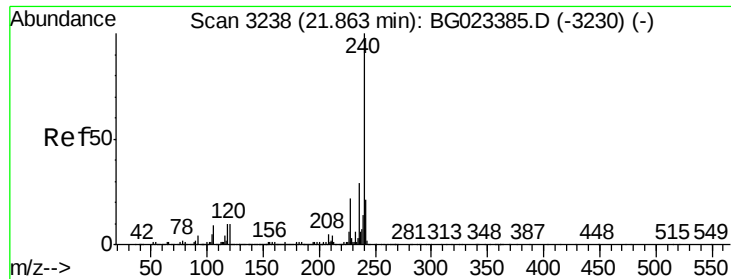


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3238

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

Instrument :

BNA_G

ClientSampleId :

SB-61-7.0-8.0

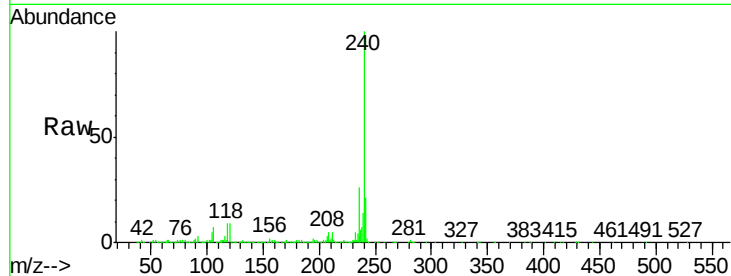
Tot Ion:240 Resp: 981529

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

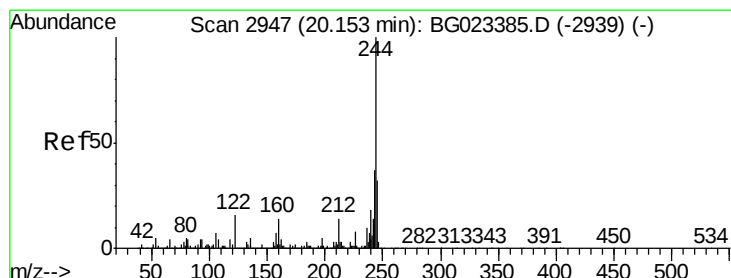
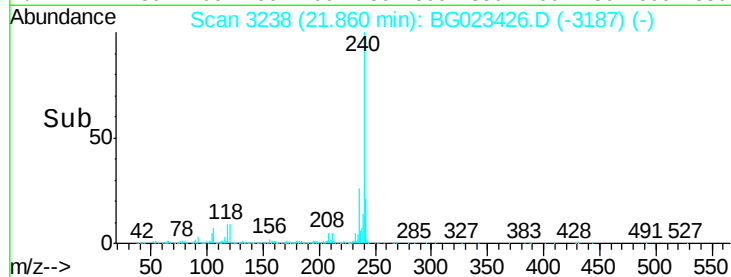
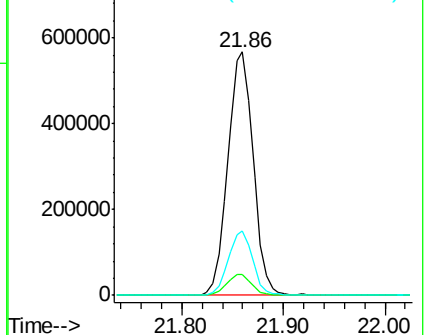
236 26.3 21.1 31.7



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: 91.83 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023426.D

Acq: 3 Aug 2016 15:17

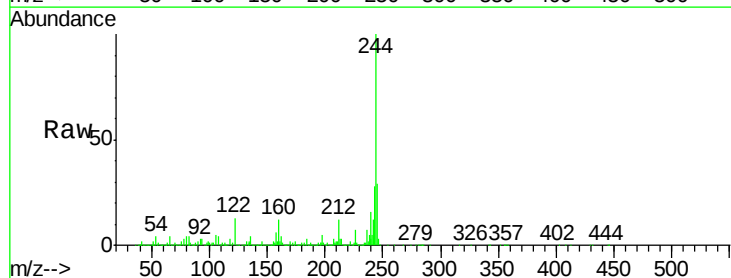
Tgt Ion:244 Resp: 2831972

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

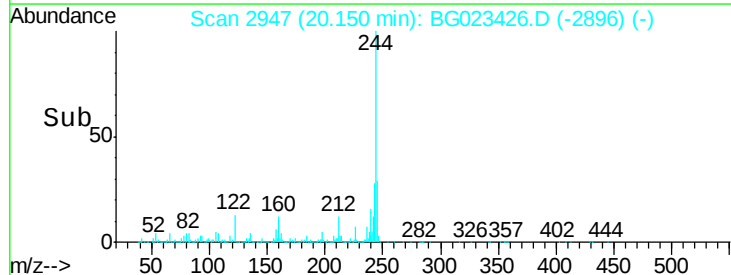
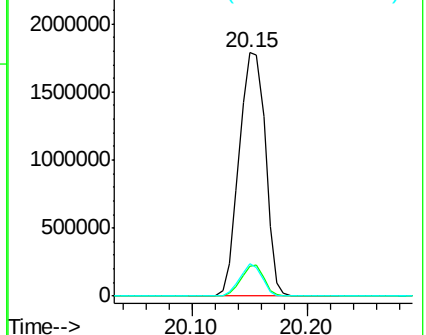
122 13.1 8.0 12.0#

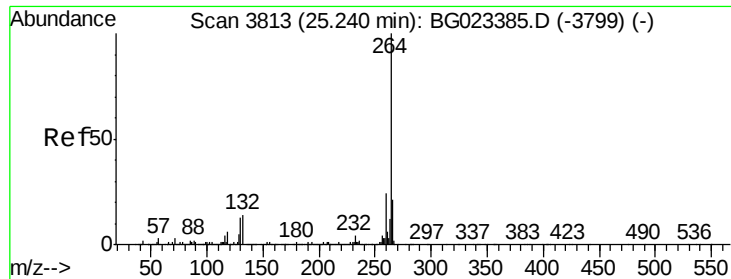


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG023426.D
Acq: 3 Aug 2016 15:17

Instrument :
BNA_G
ClientSampleId :
SB-61-7.0-8.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	22.1	18.9	28.3

