

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019846.D
 Acq On : 2 Dec 2015 22:35
 Operator : UM/NP
 Sample : G4585-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP3-112415

Quant Time: Dec 03 00:13:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

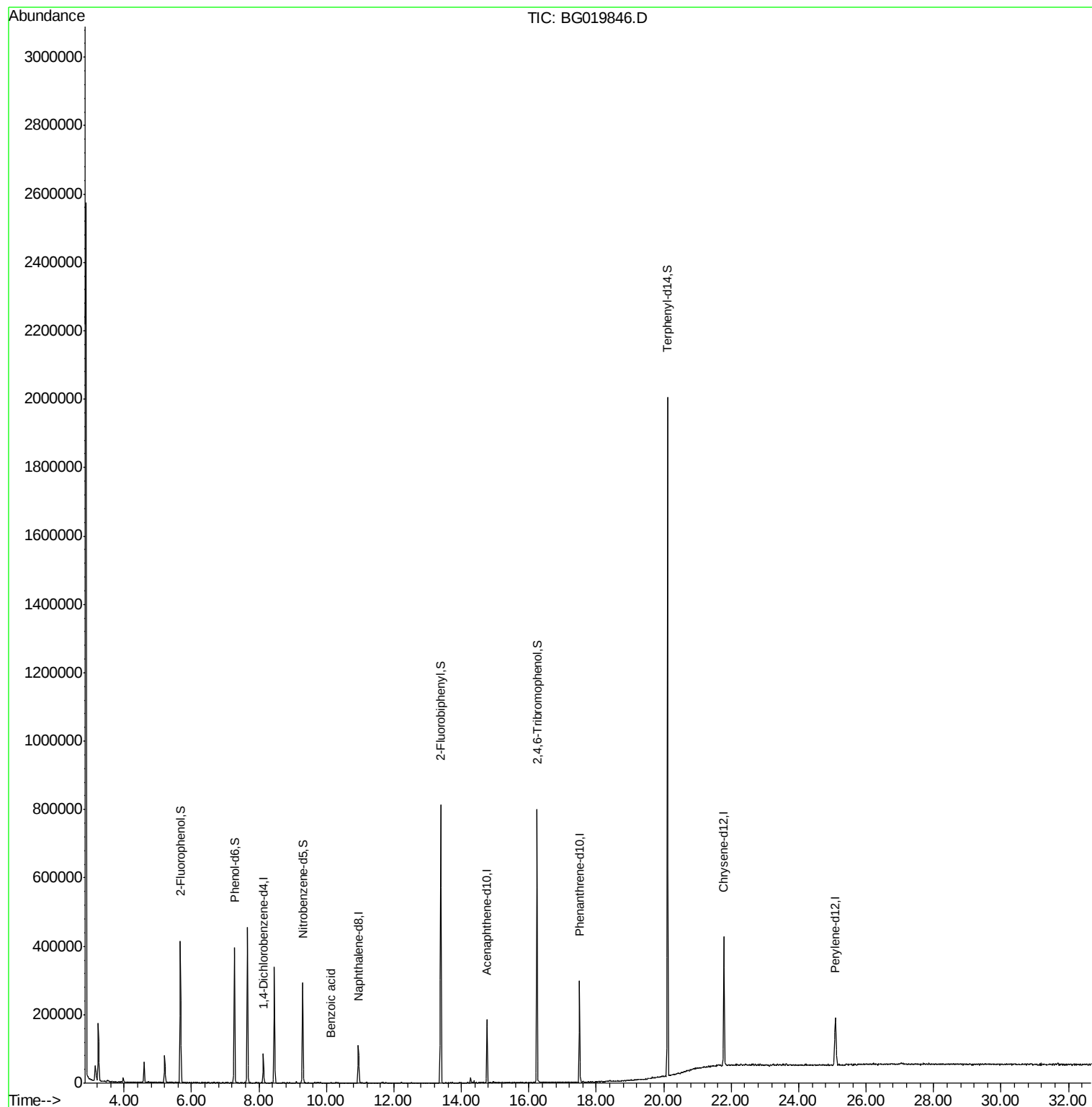
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	20713	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	86165	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	59289	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	174492	20.00	ng	0.00
75) Chrysene-d12	21.79	240	225169	20.00	ng	0.00
86) Perylene-d12	25.09	264	142795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	155586	135.76	ng	0.00
7) Phenol-d6	7.27	99	204760	118.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	167809	99.39	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	138672	152.86	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	410923	94.63	ng	0.00
78) Terphenyl-d14	20.11	244	833052	90.24	ng	0.00
Target Compounds						
32) Benzoic acid	10.14	122	53	6.05	ng	Qvalue # 1

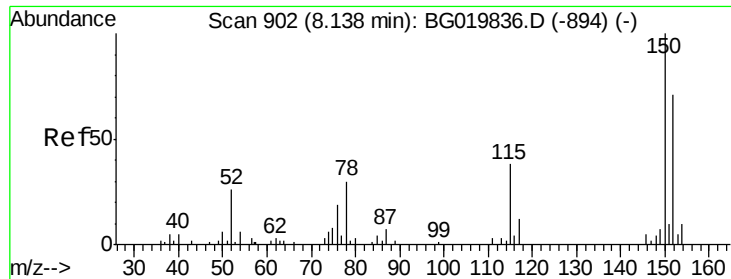
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

Instrument :

BNA_G

ClientSampleId :

DUP3-112415

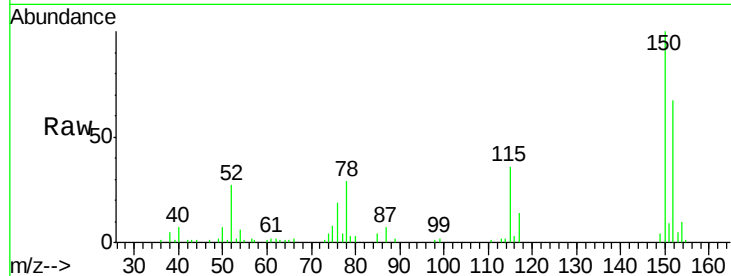
Tgt Ion:152 Resp: 20713

Ion Ratio Lower Upper

152 100

150 148.2 115.0 172.4

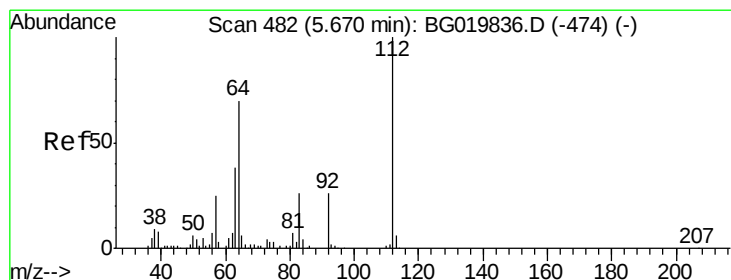
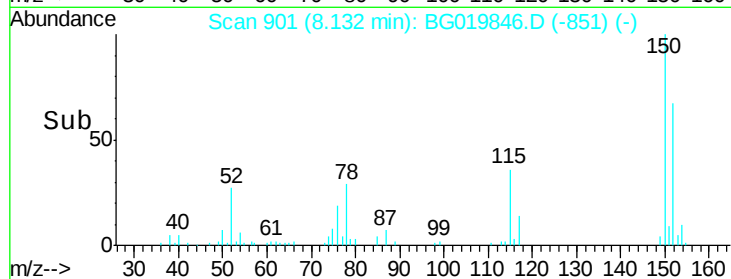
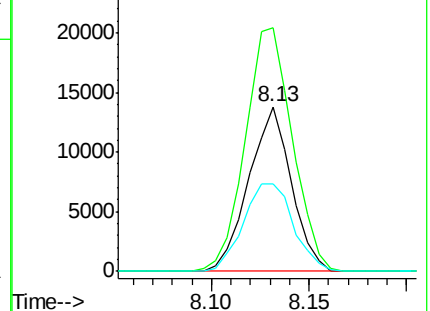
115 53.1 43.9 65.9



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: 135.76 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

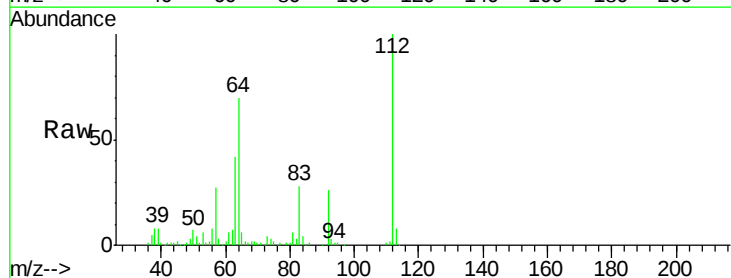
Tgt Ion:112 Resp: 155586

Ion Ratio Lower Upper

112 100

64 70.3 43.7 65.5#

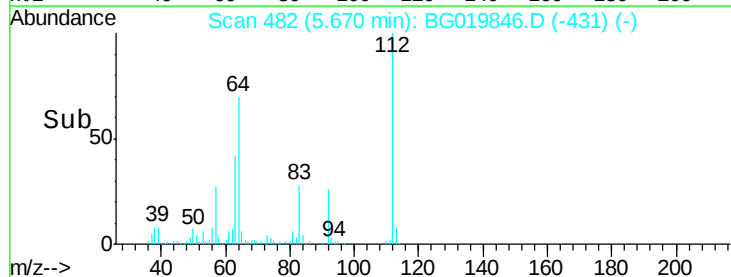
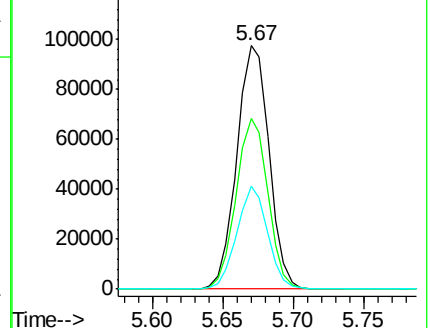
63 42.2 24.0 36.0#

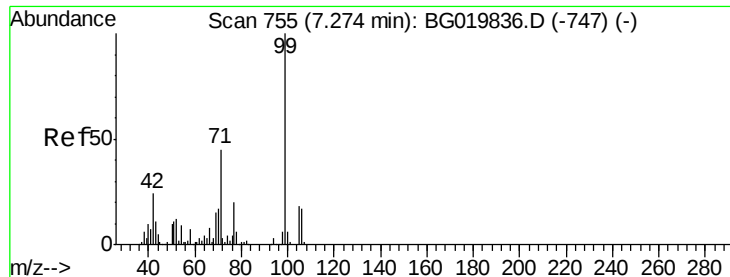


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.33 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

Instrument :

BNA_G

ClientSampleId :

DUP3-112415

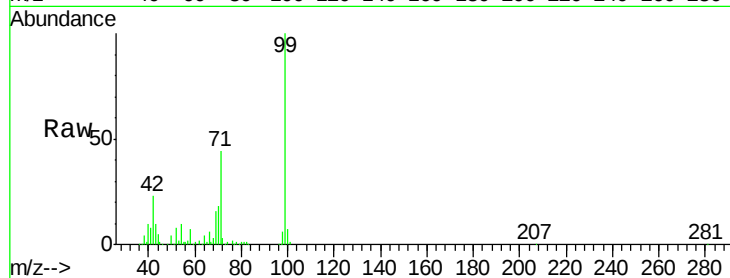
Tgt Ion: 99 Resp: 204760

Ion Ratio Lower Upper

99 100

42 22.8 11.5 17.3#

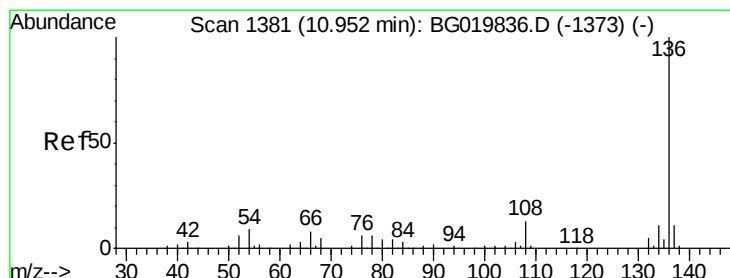
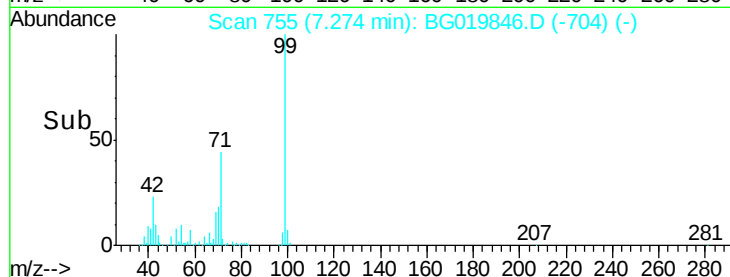
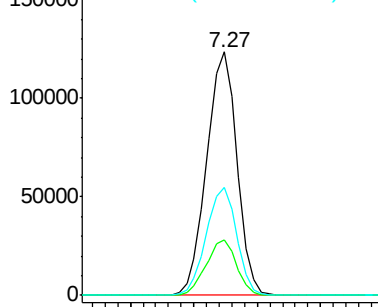
71 44.4 22.6 34.0#



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# 1380

Delta R.T. -0.01 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

Tgt Ion: 136 Resp: 86165

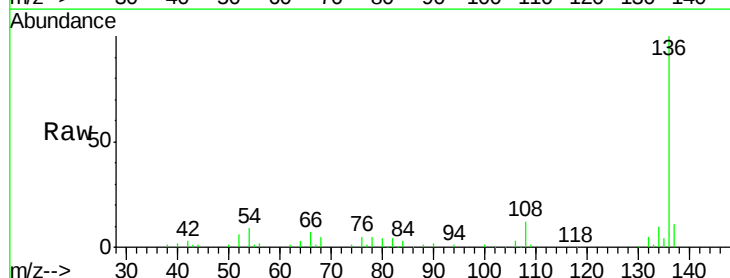
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 8.7 5.4 8.2#

68 5.0 5.3 7.9#

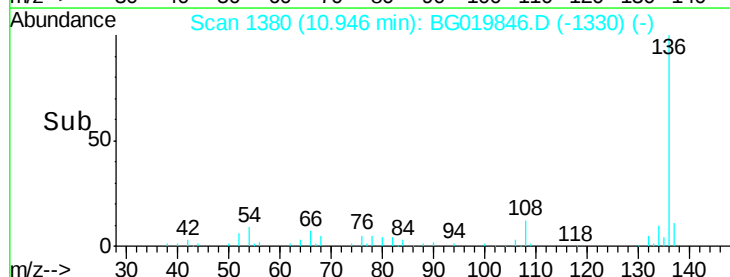
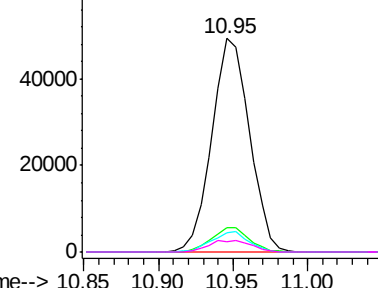


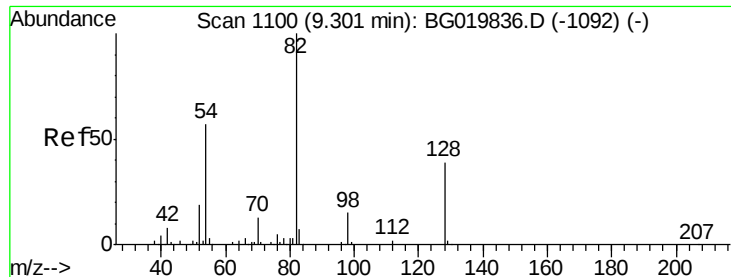
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

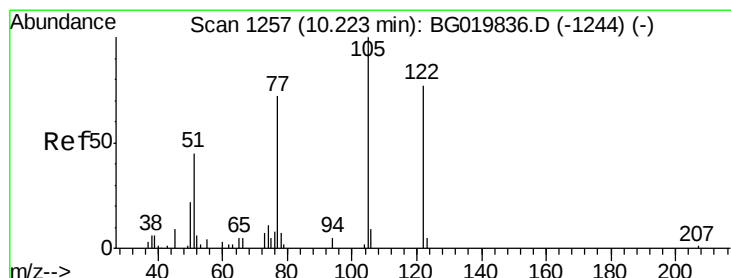
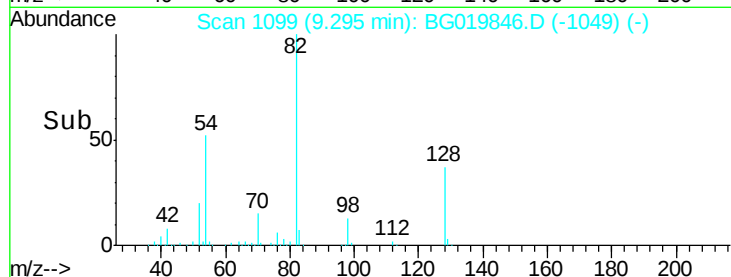
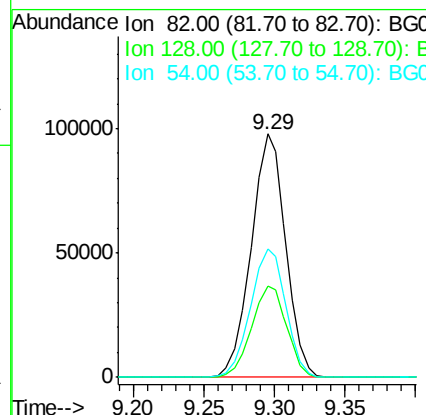
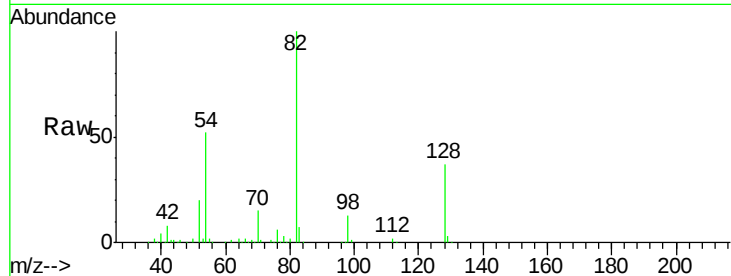




#23
 Nitrobenzene-d5
 Concen: 99.39 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019846.D
 Acq: 2 Dec 2015 22:35

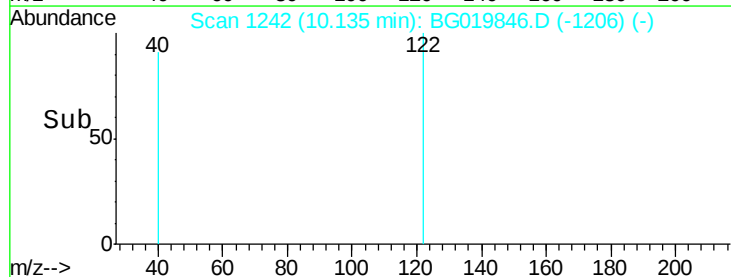
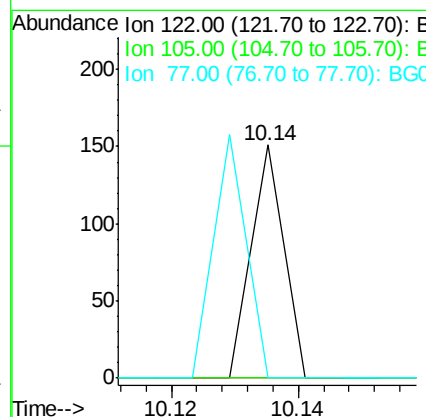
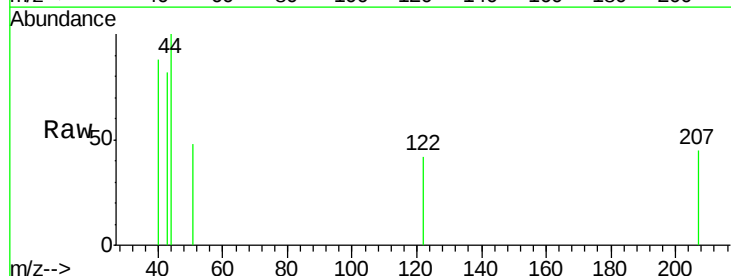
Instrument :
 BNA_G
 ClientSampleId :
 DUP3-112415

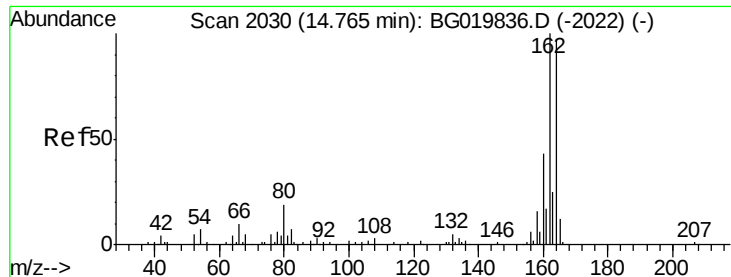
Tgt Ion: 82 Resp: 167809
 Ion Ratio Lower Upper
 82 100
 128 37.5 36.7 55.1
 54 52.5 33.8 50.8#



#32
 Benzoic acid
 Concen: 6.05 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG019846.D
 Acq: 2 Dec 2015 22:35

Tgt Ion: 122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

Instrument :

BNA_G

ClientSampleId :

DUP3-112415

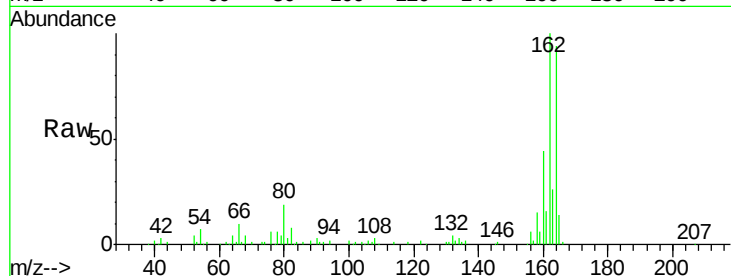
Tgt Ion:164 Resp: 59289

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

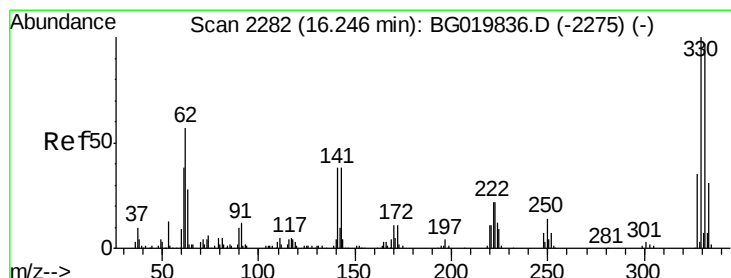
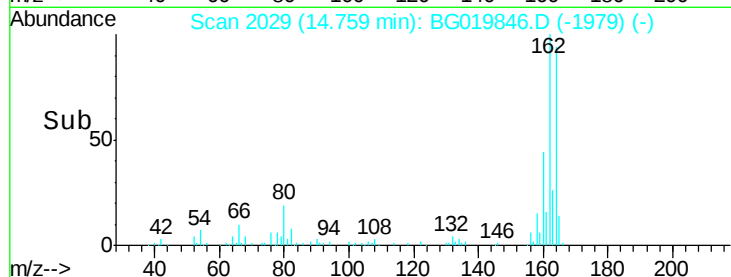
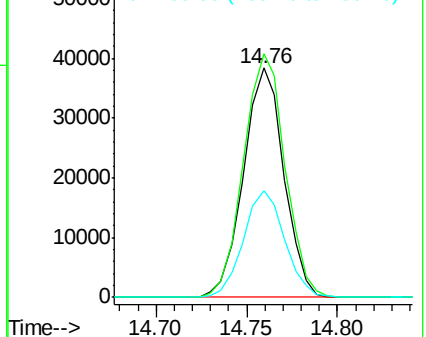
160 46.6 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 152.86 ng

RT: 16.25 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

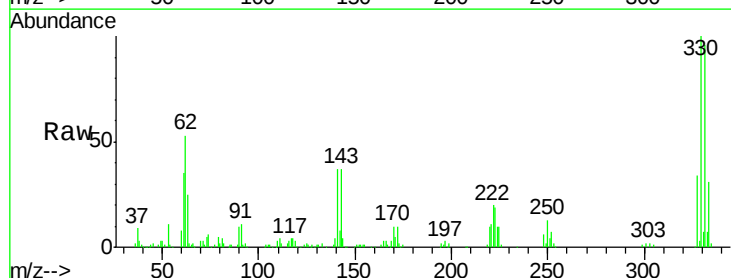
Tgt Ion:330 Resp: 138672

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

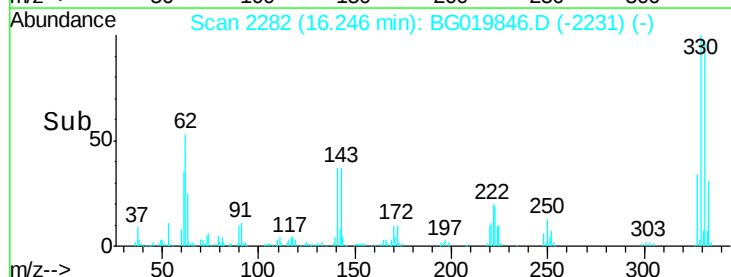
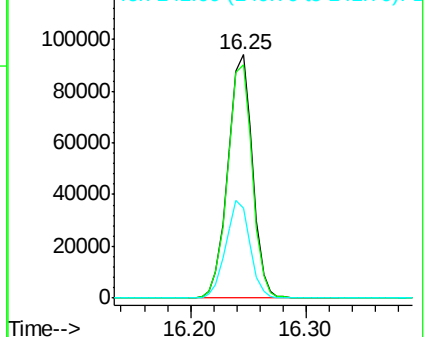
141 39.4 28.2 42.2

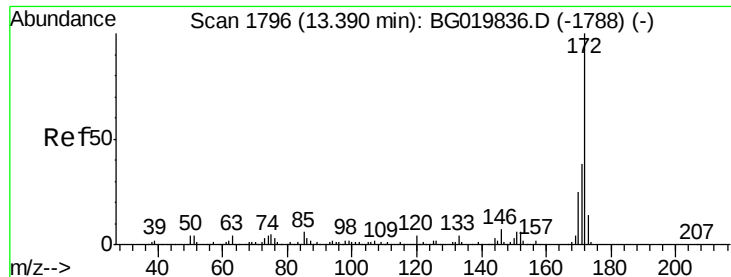


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

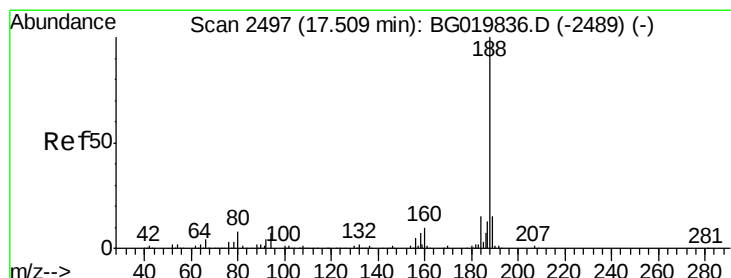
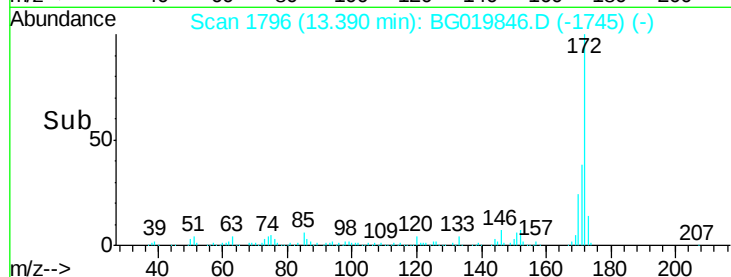
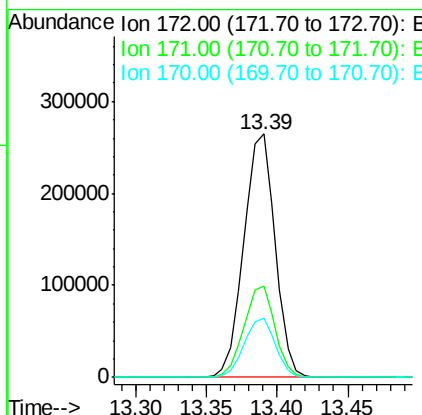
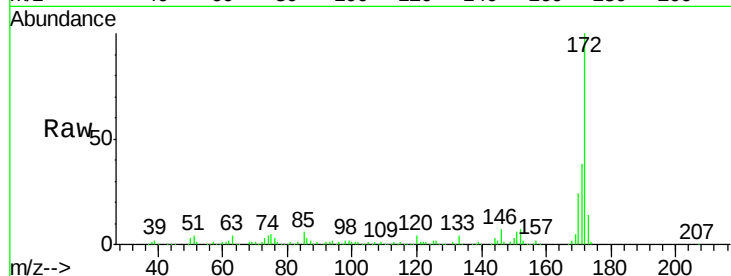




#44
2-Fluorobiphenyl
Concen: 94.63 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG019846.D
Acq: 2 Dec 2015 22:35

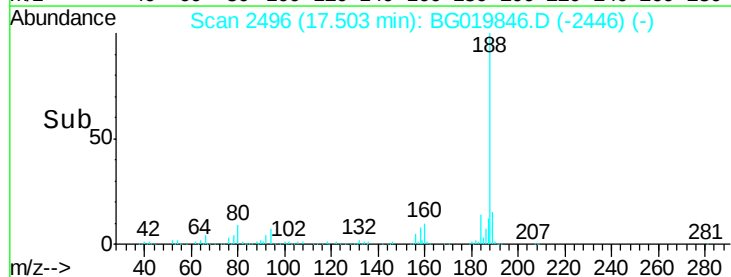
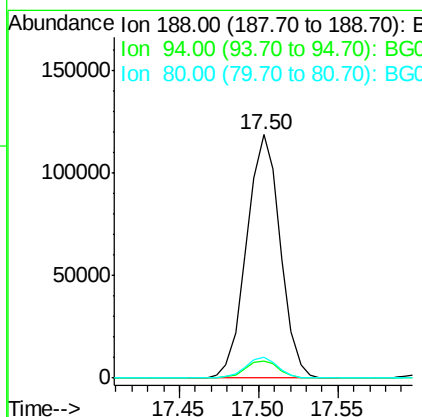
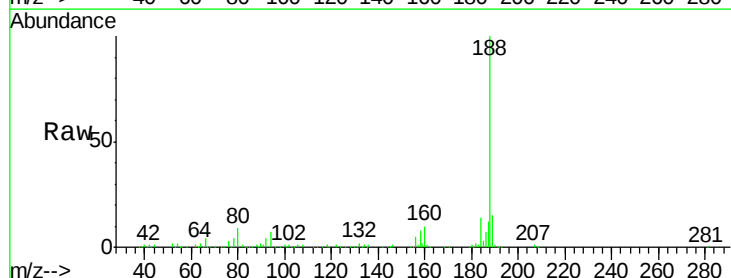
Instrument :
BNA_G
ClientSampleId :
DUP3-112415

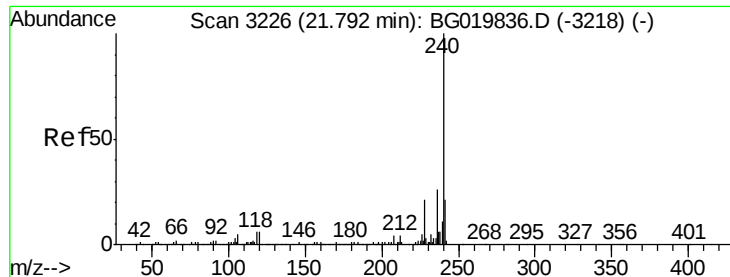
Tgt Ion:172 Resp: 410923
Ion Ratio Lower Upper
172 100
171 37.6 29.0 43.6
170 24.5 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG019846.D
Acq: 2 Dec 2015 22:35

Tgt Ion:188 Resp: 174492
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.6 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

Instrument :

BNA_G

ClientSampleId :

DUP3-112415

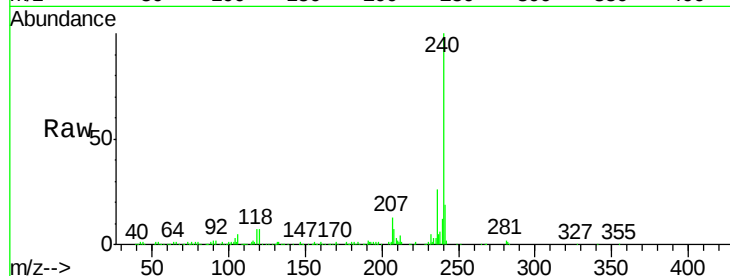
Tgt Ion:240 Resp: 225169

Ion Ratio Lower Upper

240 100

120 7.2 7.4 11.0#

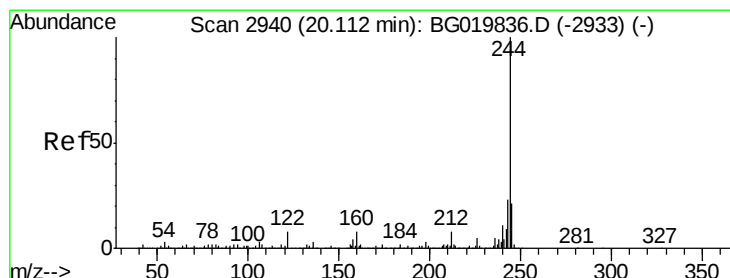
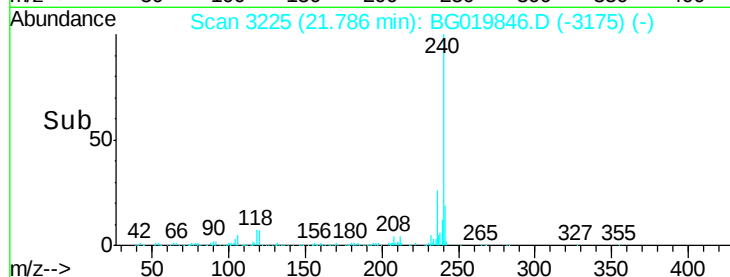
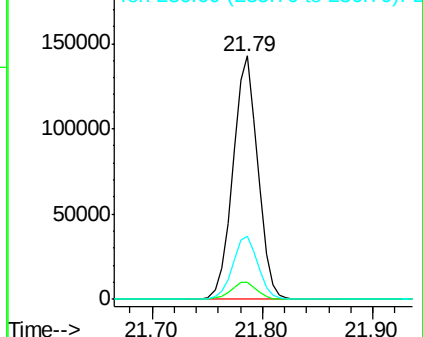
236 25.8 20.7 31.1



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: 90.24 ng

RT: 20.11 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG019846.D

Acq: 2 Dec 2015 22:35

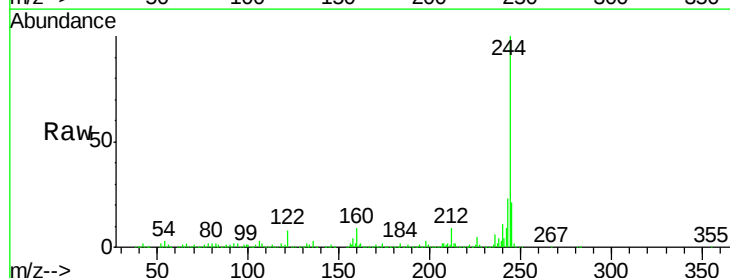
Tgt Ion:244 Resp: 833052

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

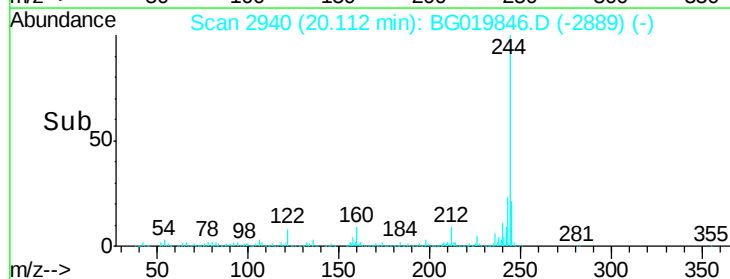
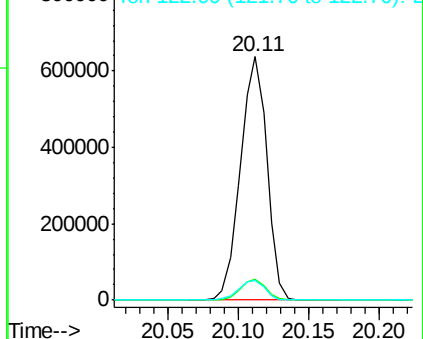
122 8.2 10.2 15.2#

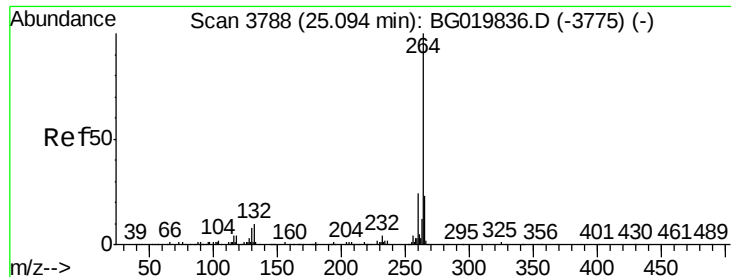


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3787
Delta R.T. -0.01 min
Lab File: BG019846.D
Acq: 2 Dec 2015 22:35

Instrument :
BNA_G
ClientSampleId :
DUP3-112415

Tgt Ion:	264	Resp:	142795
Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.5	27.7
265	20.8	17.2	25.8

