

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020058.D
 Acq On : 10 Dec 2015 00:28
 Operator : UM/SJ
 Sample : G4659-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-2C

Quant Time: Dec 10 02:24:07 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

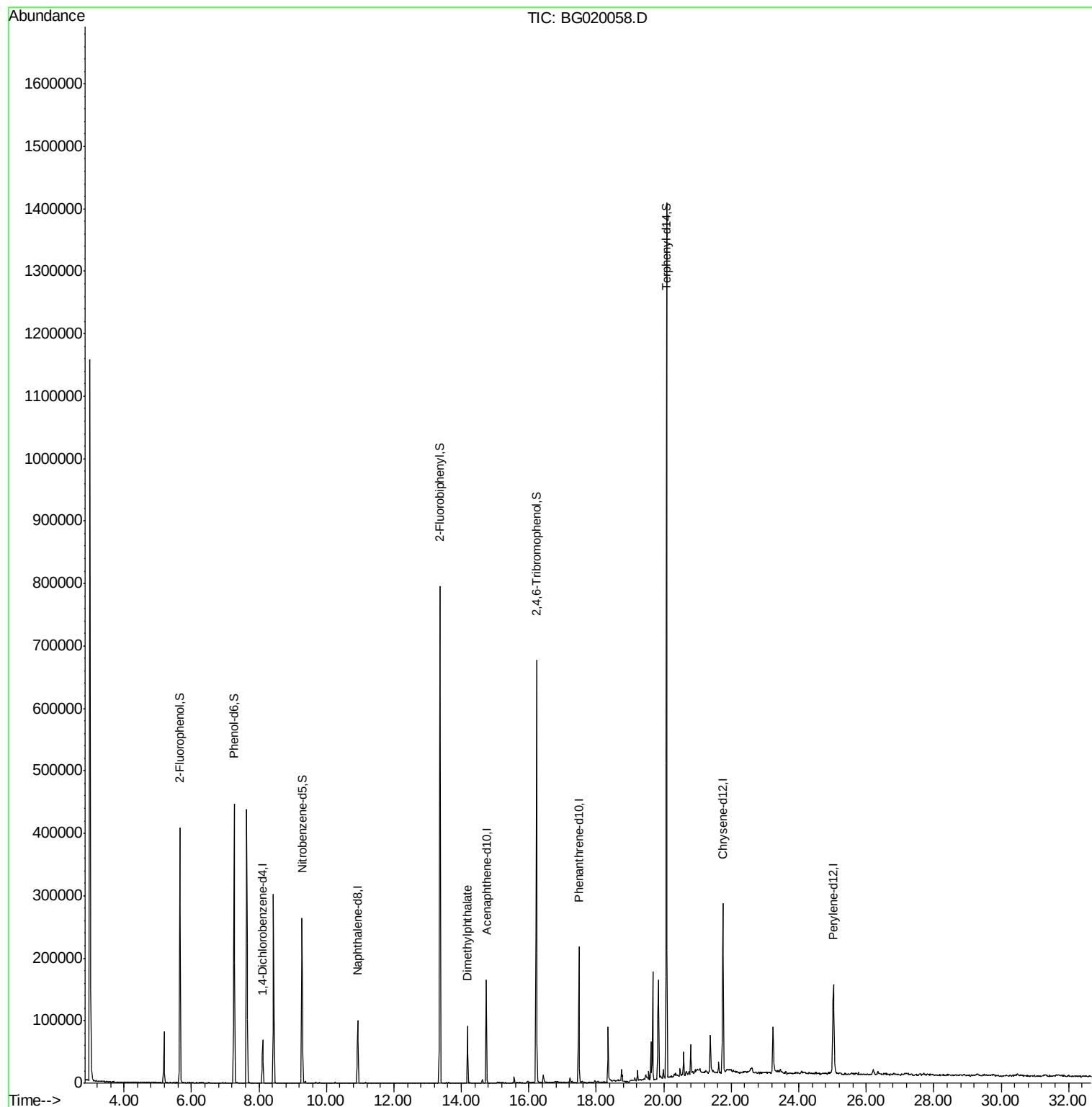
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18541	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	82925	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57151	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	137703	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167251	20.00	ng	-0.04
86) Perylene-d12	25.03	264	158751	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	174804	170.40	ng	0.00
7) Phenol-d6	7.27	99	258256	166.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	166594	102.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	130871	149.66	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	393260	93.95	ng	-0.03
78) Terphenyl-d14	20.08	244	636132	92.77	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	59552	11.58	ng	Qvalue 98

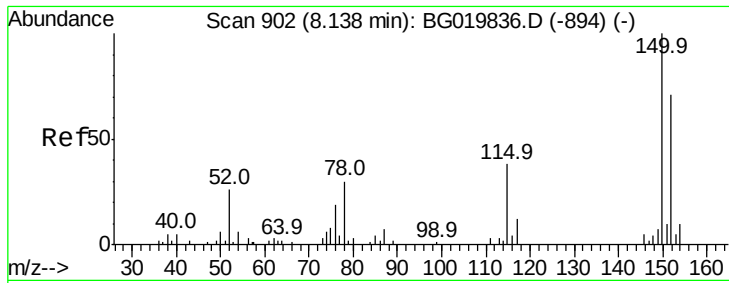
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Instrument :

BNA_G

ClientSampleId :

A8-2C

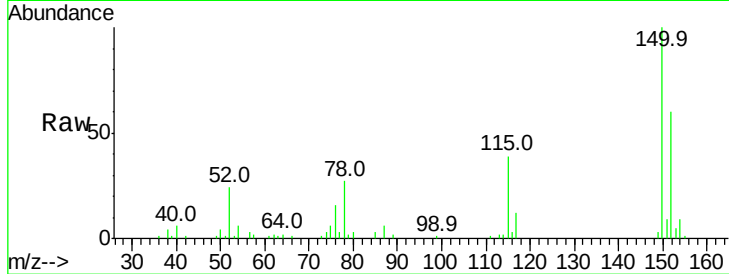
Tot Ion:152 Resp: 18541

Ion Ratio Lower Upper

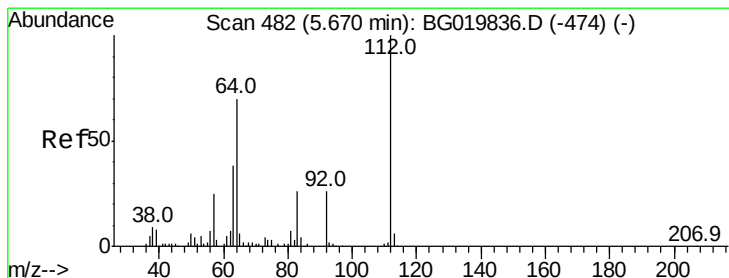
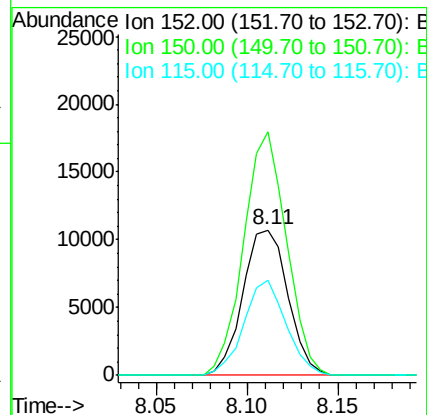
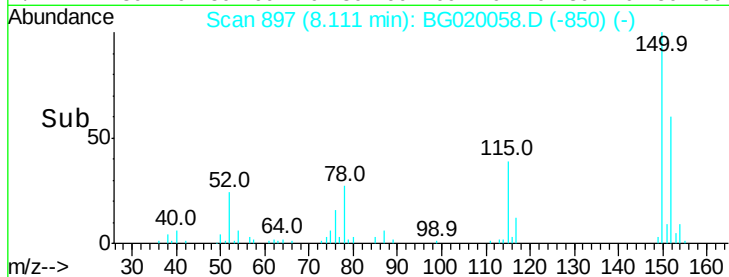
152 100

150 167.8 115.0 172.4

115 65.8 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: 170.40 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

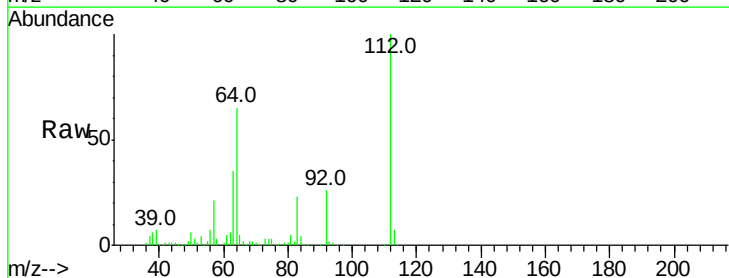
Tgt Ion:112 Resp: 174804

Ion Ratio Lower Upper

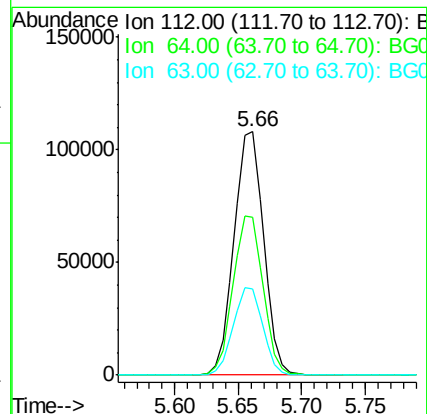
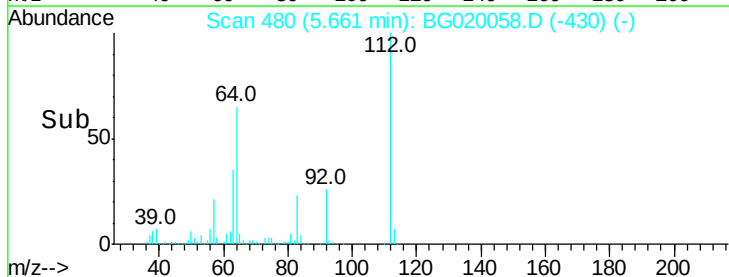
112 100

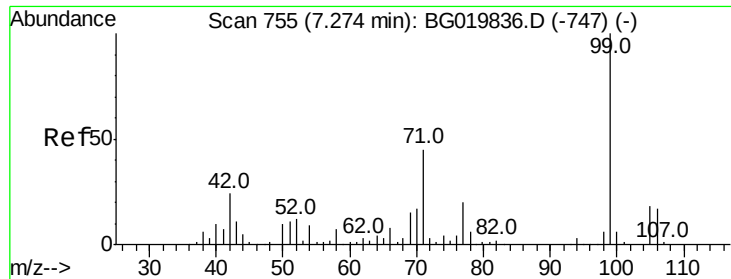
64 64.8 43.7 65.5

63 35.4 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: 166.74 ng

RT: 7.27 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Instrument :

BNA_G

ClientSampleId :

A8-2C

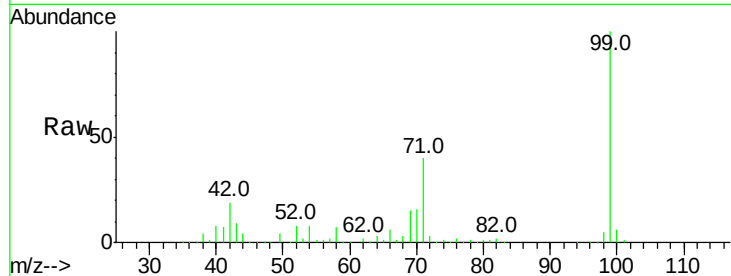
Tot Ion: 99 Resp: 258256

Ion Ratio Lower Upper

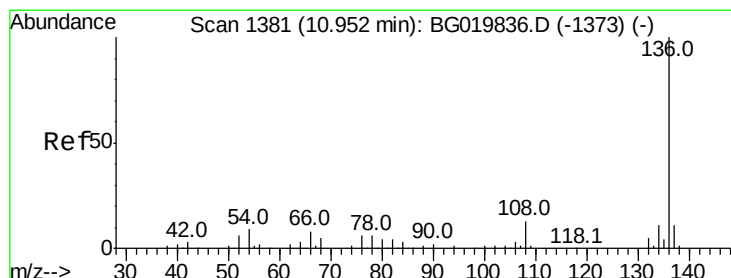
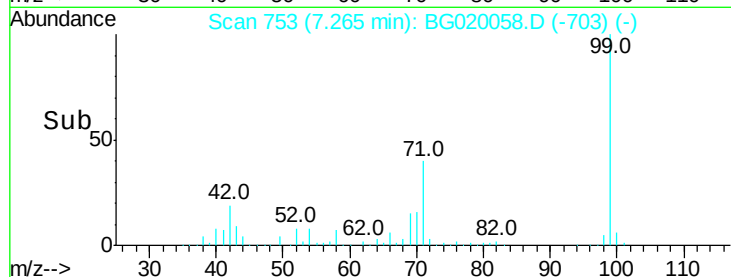
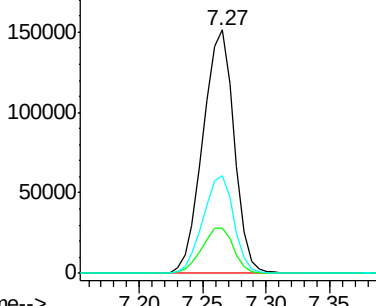
99 100

42 18.5 11.5 17.3#

71 40.2 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: 10.93 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Tgt Ion: 136 Resp: 82925

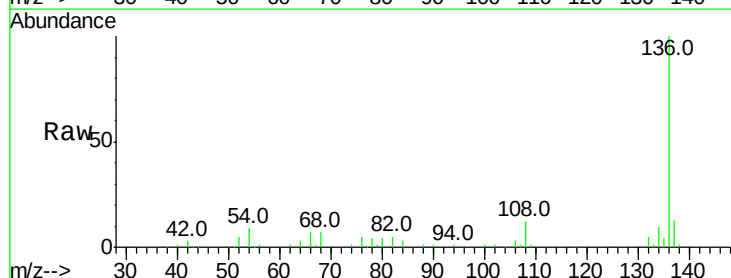
Ion Ratio Lower Upper

136 100

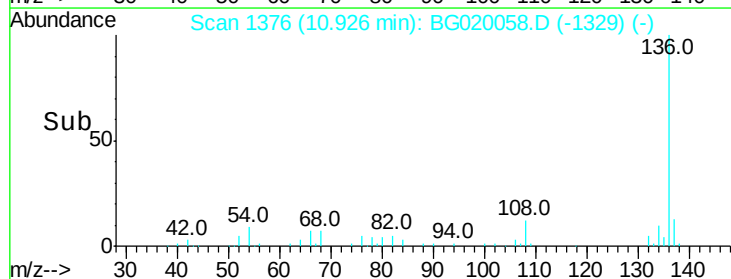
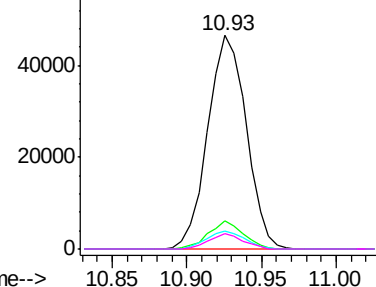
137 13.0 8.6 12.8#

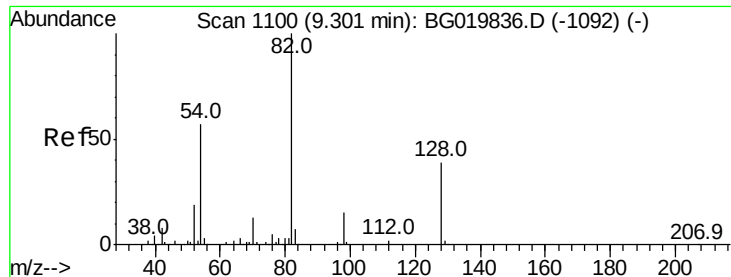
54 8.5 5.4 8.2#

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

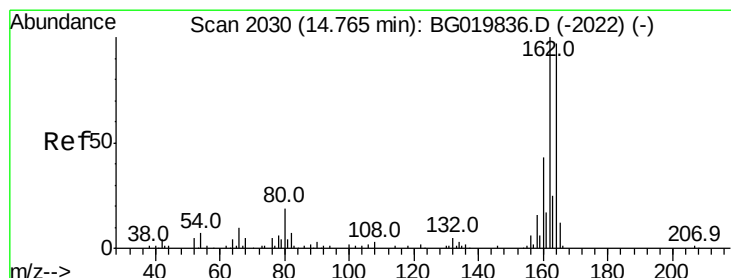
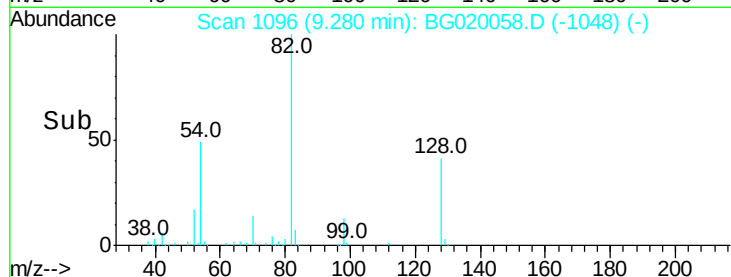
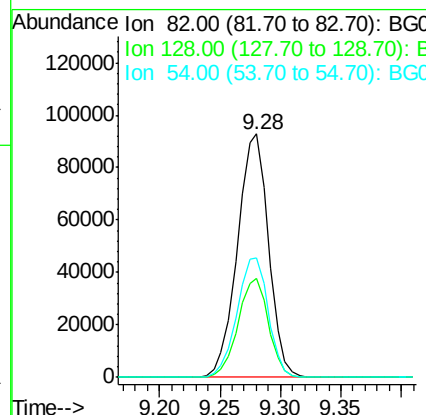
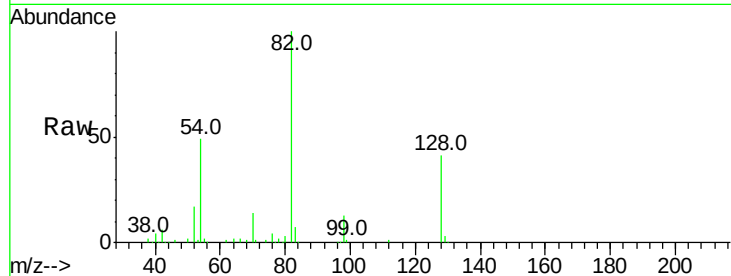




#23
 Nitrobenzene-d5
 Concen: 102.53 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020058.D
 Acq: 10 Dec 2015 00:28

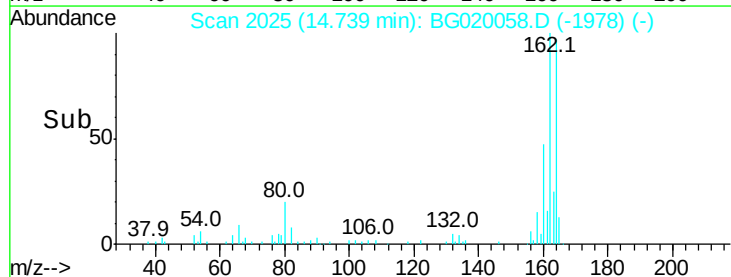
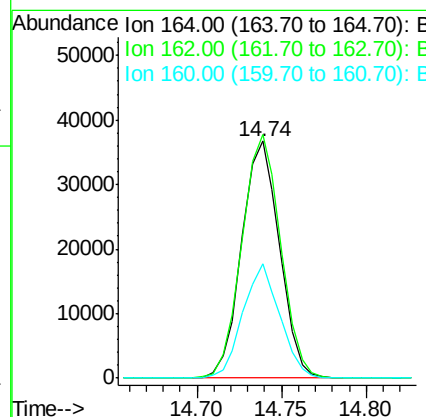
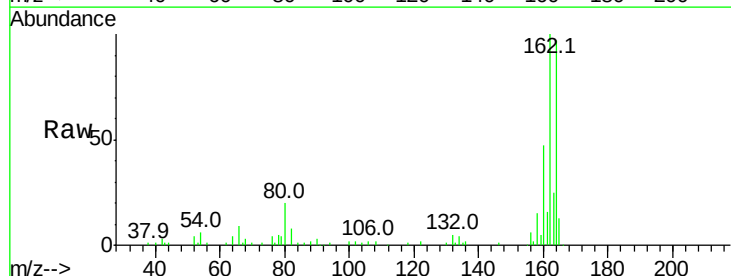
Instrument :
 BNA_G
 ClientSampleId :
 A8-2C

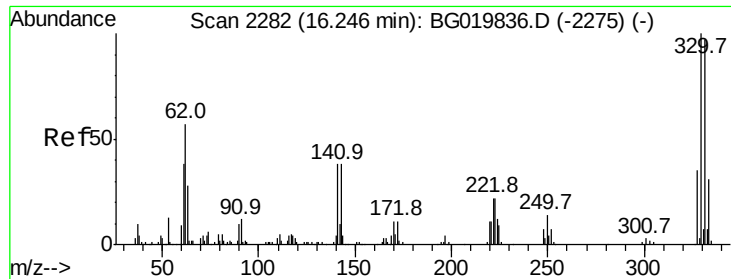
Tot Ion	82	Resp	166594
Ion Ratio	100	Lower	Upper
128	40.8	36.7	55.1
54	49.2	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020058.D
 Acq: 10 Dec 2015 00:28

Tgt Ion	164	Resp	57151
Ion Ratio	100	Lower	Upper
162	102.7	78.8	118.2
160	48.1	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 149.66 ng

RT: 16.23 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Instrument :

BNA_G

ClientSampleId :

A8-2C

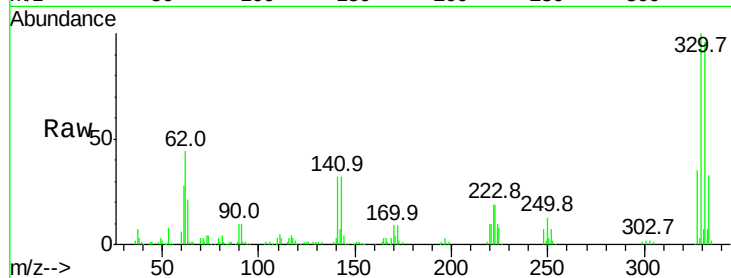
Tot Ion:330 Resp: 130871

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

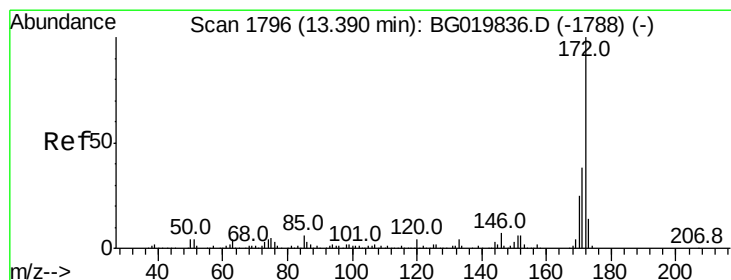
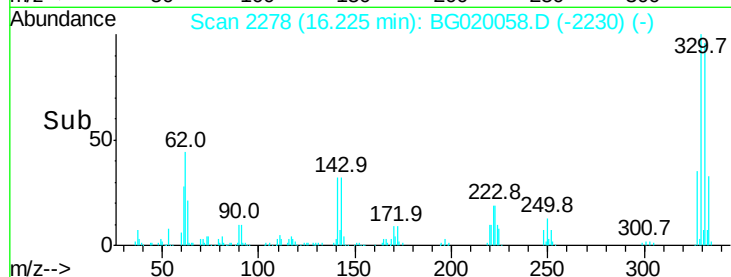
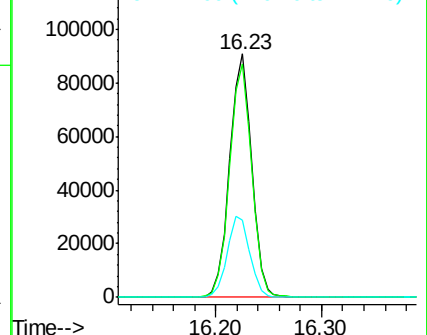
141 34.4 28.2 42.2



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: 93.95 ng

RT: 13.36 min Scan# 1791

Delta R.T. -0.03 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

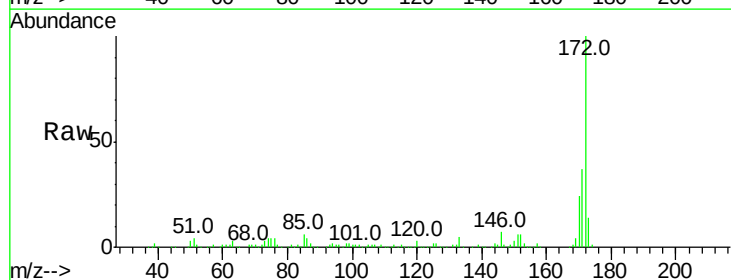
Tgt Ion:172 Resp: 393260

Ion Ratio Lower Upper

172 100

171 37.3 29.0 43.6

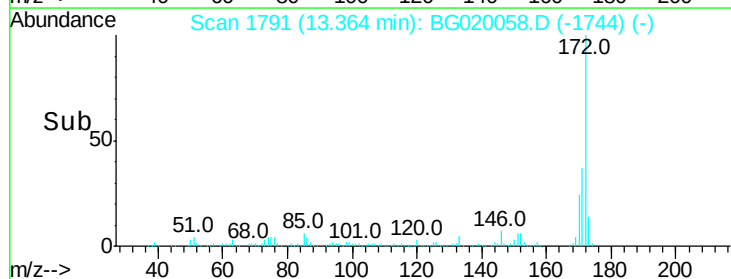
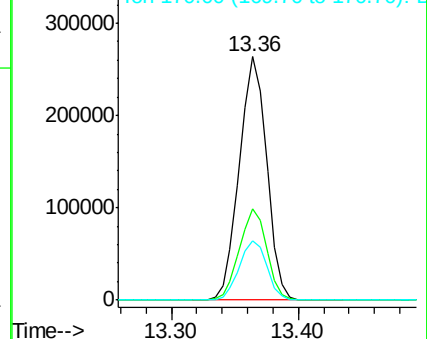
170 24.4 19.9 29.9

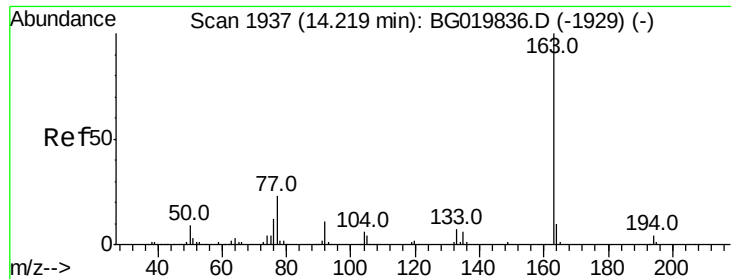


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.58 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Instrument :

BNA_G

ClientSampled :

A8-2C

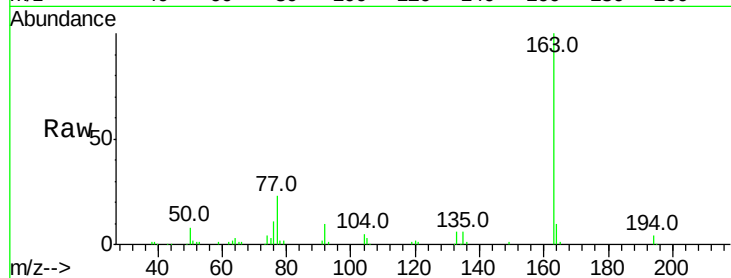
Tot Ion:163 Resp: 59552

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

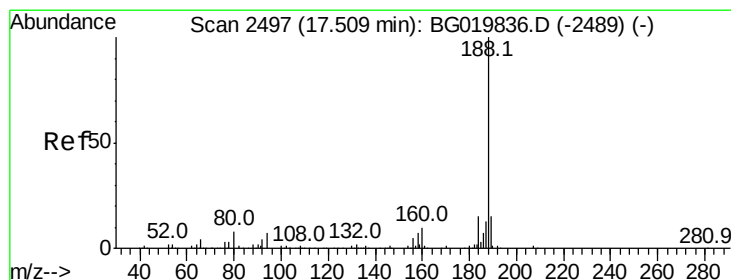
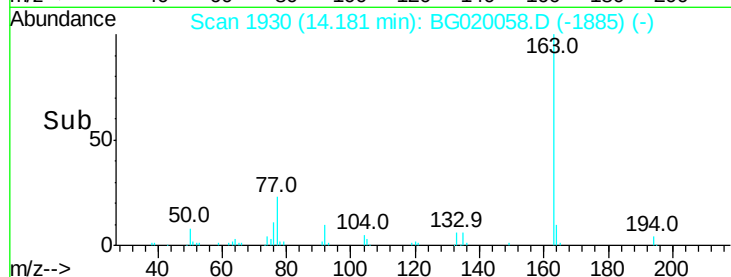
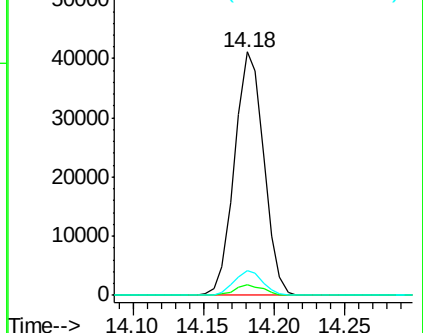
164 10.0 8.8 13.2



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: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

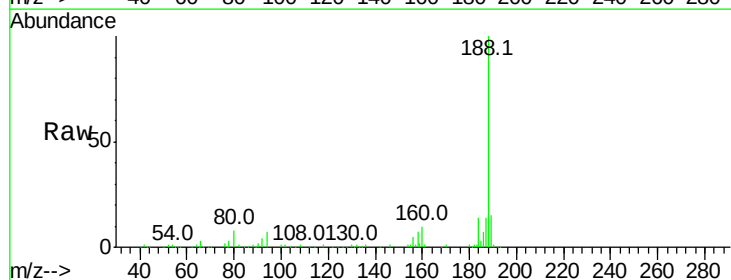
Tgt Ion:188 Resp: 137703

Ion Ratio Lower Upper

188 100

94 6.5 7.7 11.5#

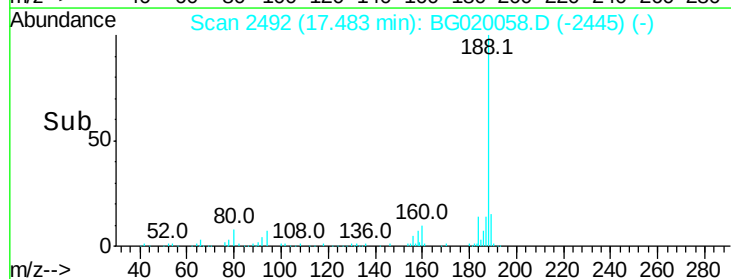
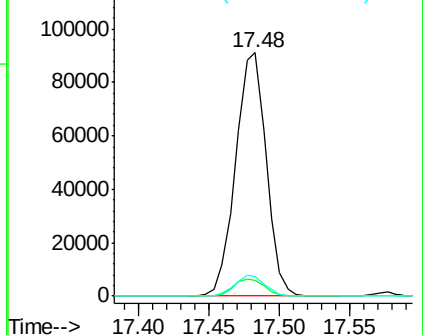
80 7.9 7.8 11.8

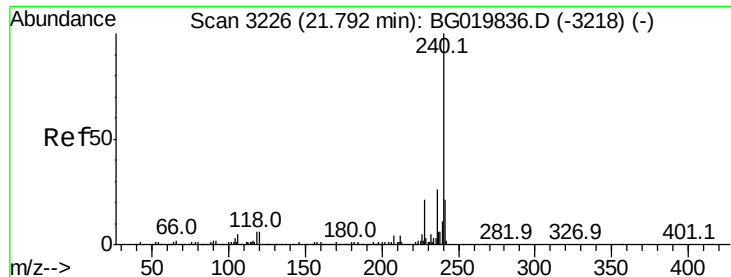


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

Instrument :

BNA_G

ClientSampleId :

A8-2C

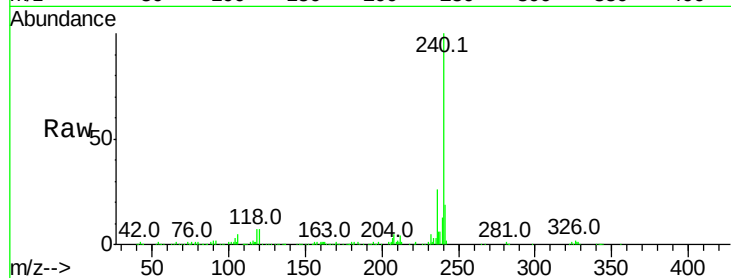
Tot Ion:240 Resp: 167251

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

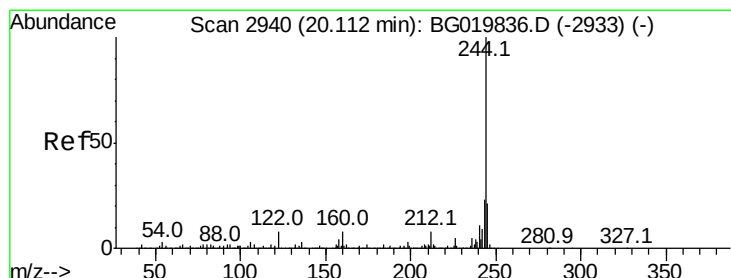
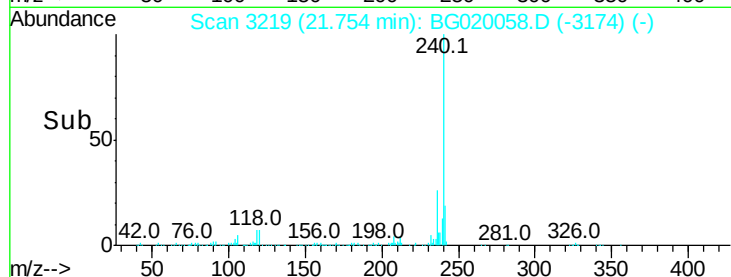
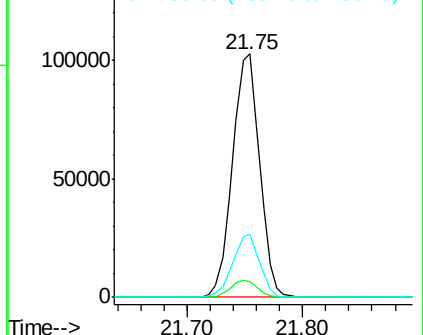
236 25.9 20.7 31.1



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: 92.77 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020058.D

Acq: 10 Dec 2015 00:28

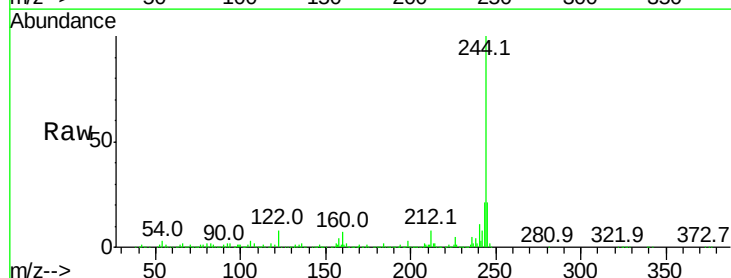
Tgt Ion:244 Resp: 636132

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

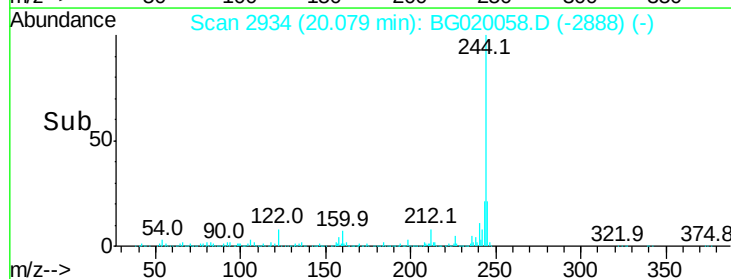
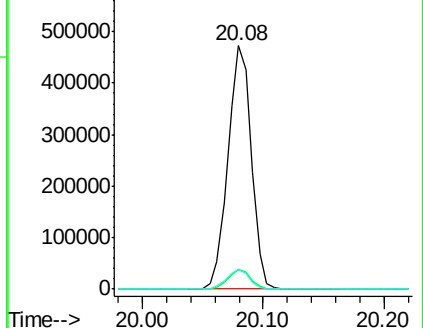
122 8.1 10.2 15.2#

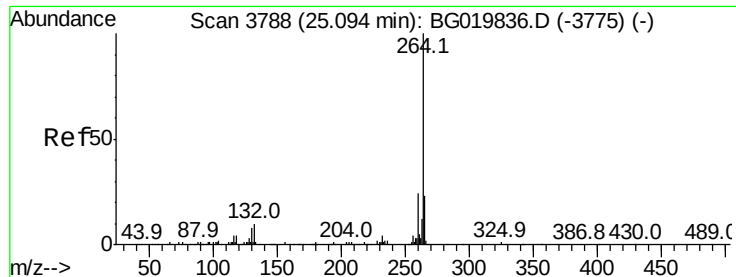


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

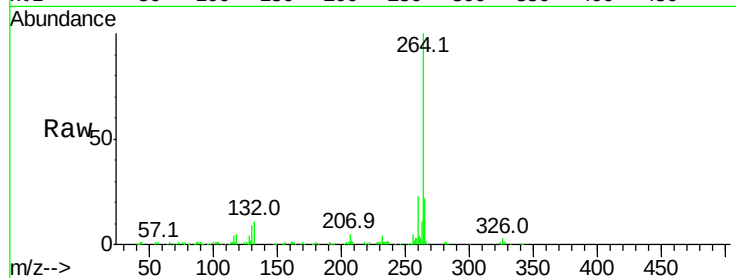




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020058.D
 Acq: 10 Dec 2015 00:28

Instrument :
 BNA_G
 ClientSampleId :
 A8-2C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.3	17.2	25.8



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

