

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022439.D
 Acq On : 19 Jun 2016 1:18
 Operator : UM/SJ
 Sample : H3514-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-B3(0-8)C

Quant Time: Jun 20 04:06:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

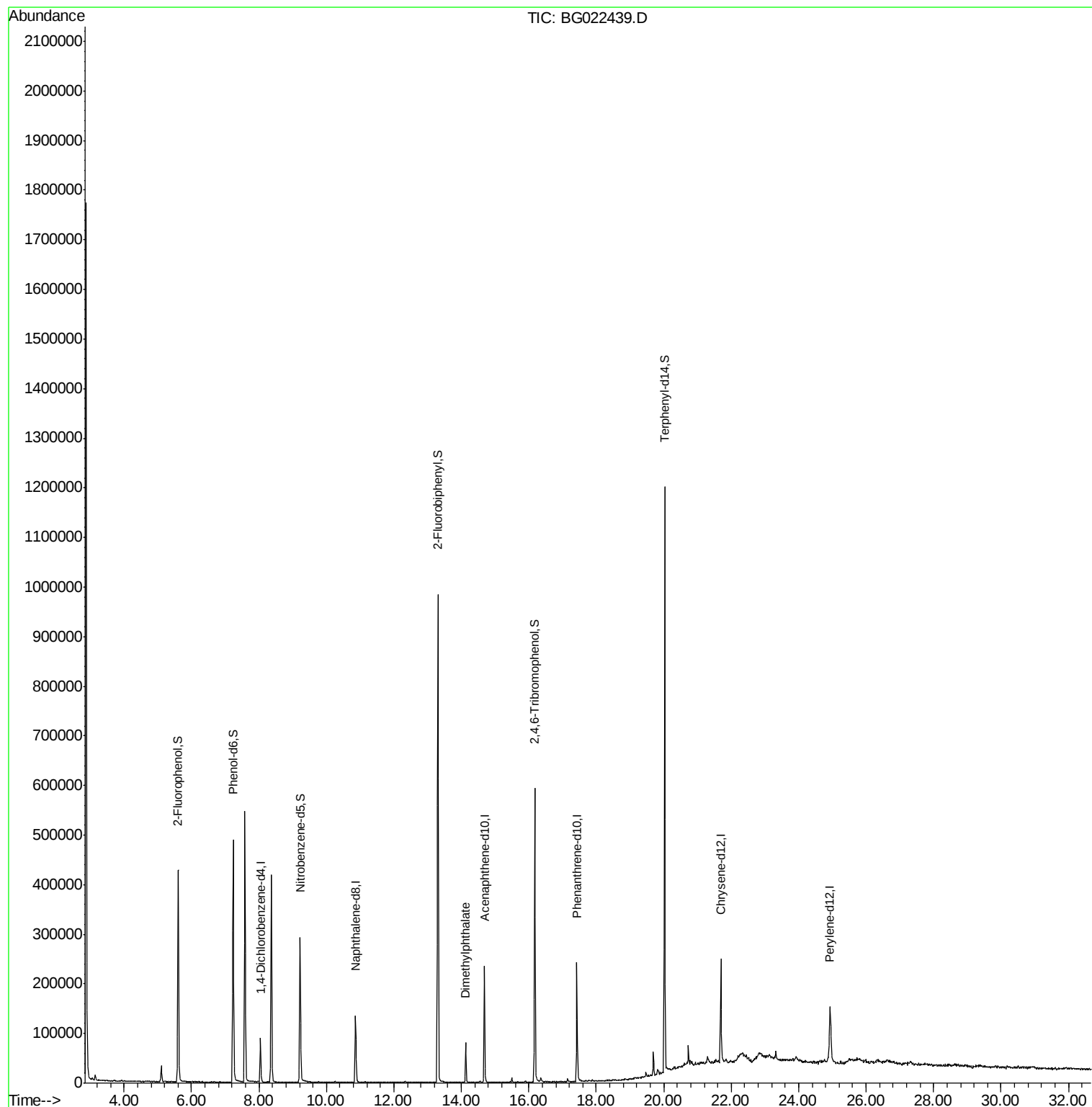
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31343	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	153285	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	83929	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	161839	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	126129	20.00	ng	-0.05
86) Perylene-d12	24.93	264	120797	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	280381	172.96	ng	-0.03
7) Phenol-d6	7.23	99	426679	167.40	ng	-0.02
23) Nitrobenzene-d5	9.22	82	240923	109.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	123865	130.61	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	591363	107.38	ng	-0.04
78) Terphenyl-d14	20.02	244	536488	100.98	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.13	163	69630	10.01	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S5-B3(0-8)C

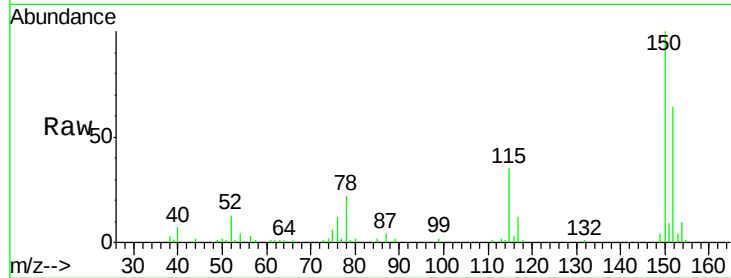
Tot Ion:152 Resp: 31343

Ion Ratio Lower Upper

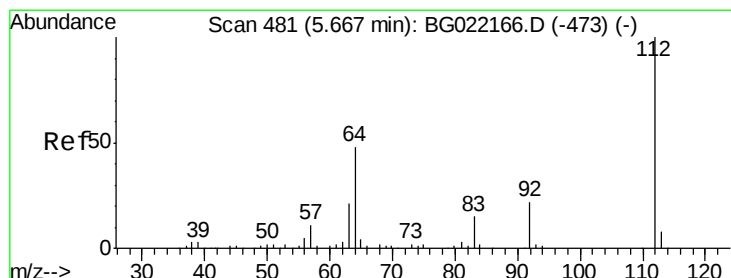
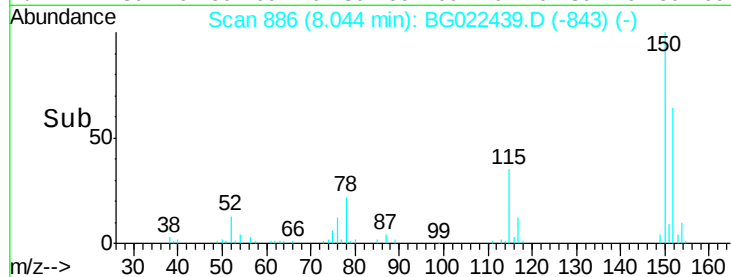
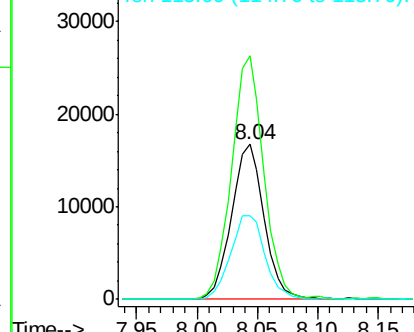
152 100

150 157.1 130.1 195.1

115 54.3 62.2 93.2#



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: 172.96 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

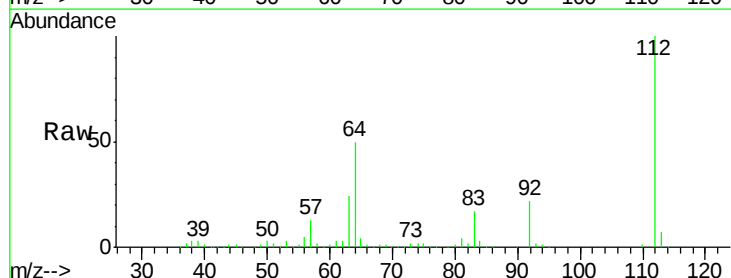
Tgt Ion:112 Resp: 280381

Ion Ratio Lower Upper

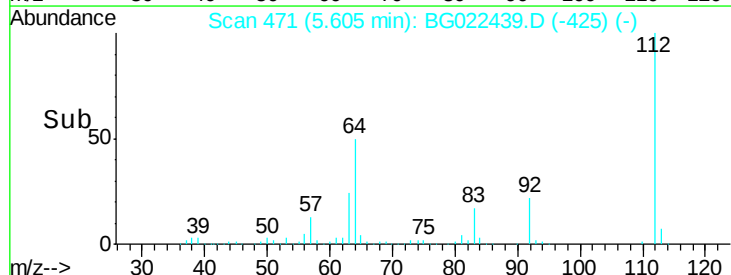
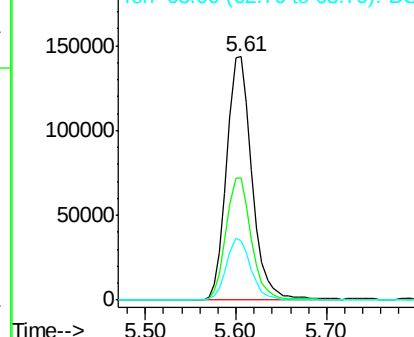
112 100

64 50.1 51.1 76.7#

63 24.2 24.6 37.0#



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: 167.40 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S5-B3(0-8)C

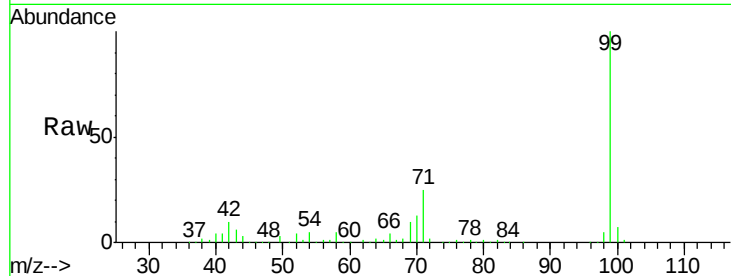
Tot Ion: 99 Resp: 426679

Ion Ratio Lower Upper

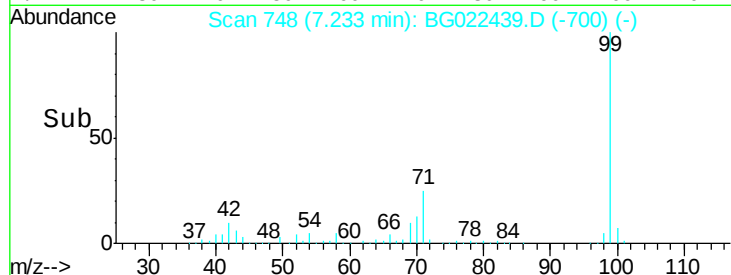
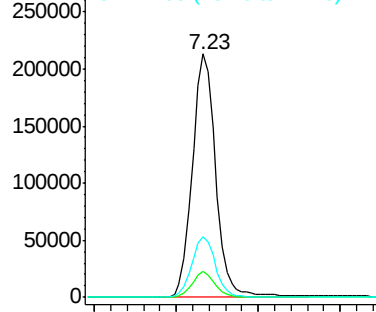
99 100

42 10.5 16.4 24.6#

71 25.0 25.0 37.4



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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Tgt Ion: 136 Resp: 153285

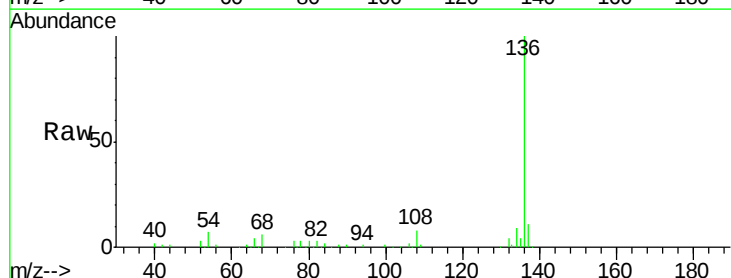
Ion Ratio Lower Upper

136 100

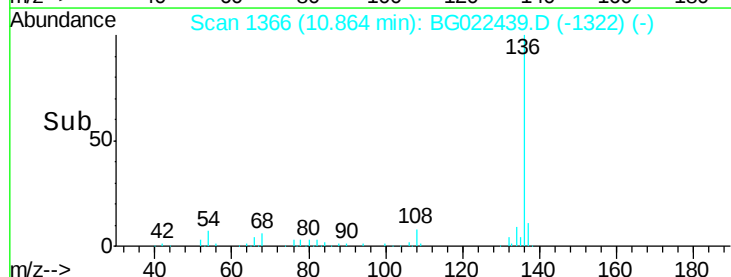
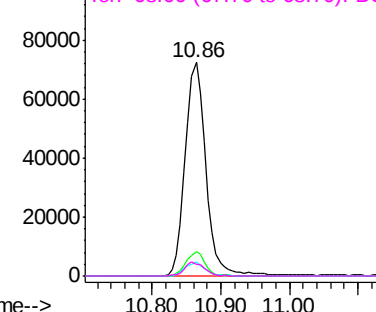
137 11.4 9.0 13.4

54 6.7 9.6 14.4#

68 5.6 6.4 9.6#



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

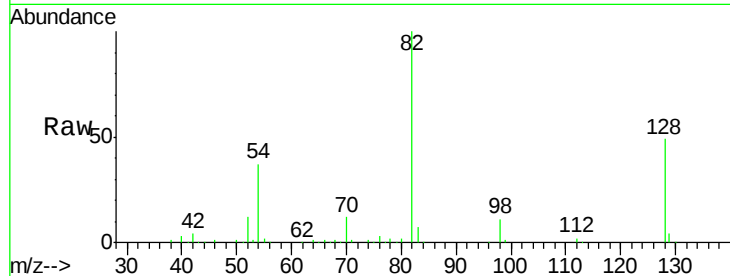




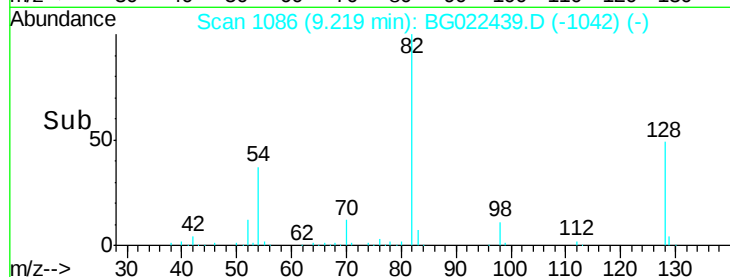
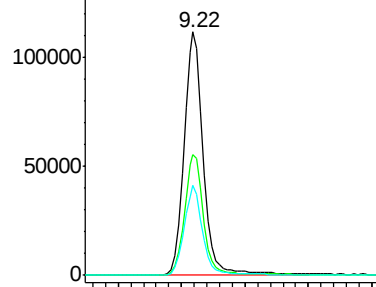
#23
Nitrobenzene-d5
Concen: 109.58 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022439.D
Acq: 19 Jun 2016 1:18

Instrument :
BNA_G
ClientSampleId :
S5-B3(0-8)C

Tot Ion	82	Resp	240923
Ion Ratio	Lower	Upper	
82	100		
128	49.5	33.4	50.0
54	36.8	46.1	69.1#

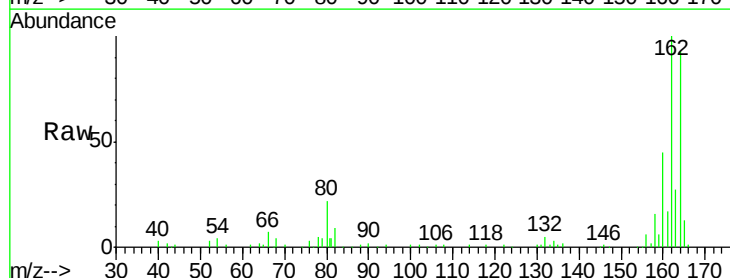


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

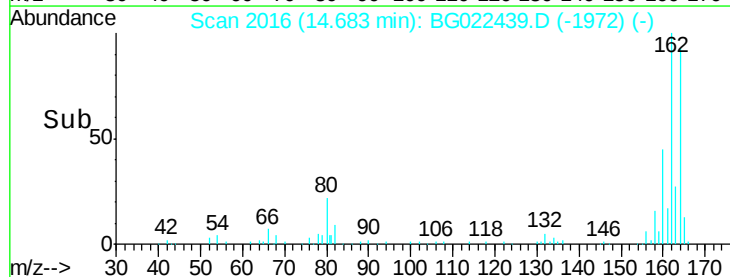
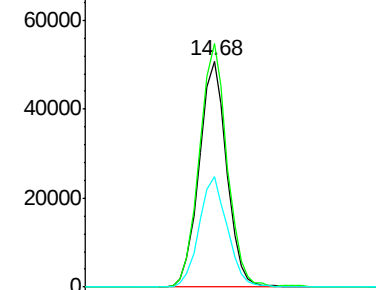


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022439.D
Acq: 19 Jun 2016 1:18

Tgt Ion	164	Resp	83929
Ion Ratio	Lower	Upper	
164	100		
162	107.6	78.0	117.0
160	48.7	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 130.61 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S5-B3(0-8)C

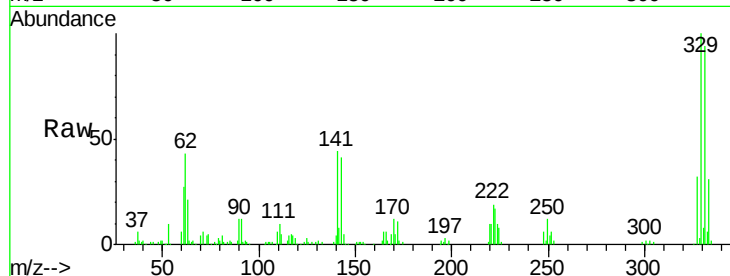
Tot Ion:330 Resp: 123865

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

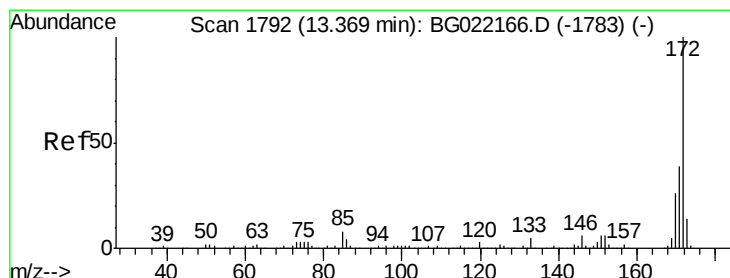
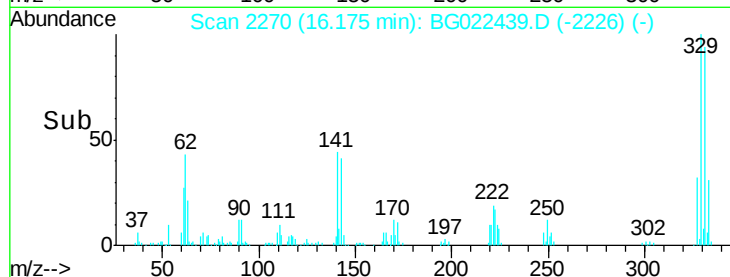
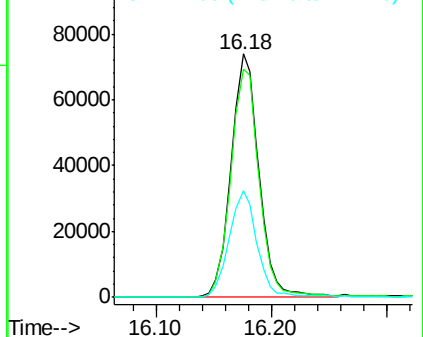
141 44.2 33.8 50.8



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: 107.38 ng

RT: 13.30 min Scan# 1781

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

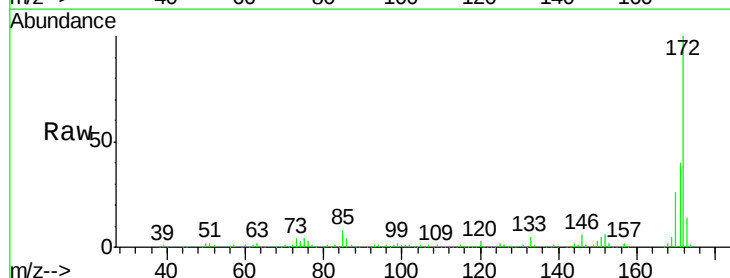
Tgt Ion:172 Resp: 591363

Ion Ratio Lower Upper

172 100

171 40.4 27.8 41.6

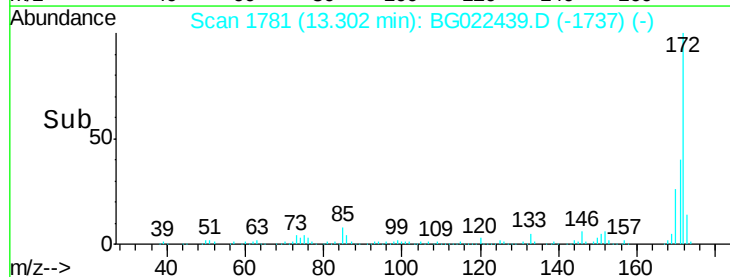
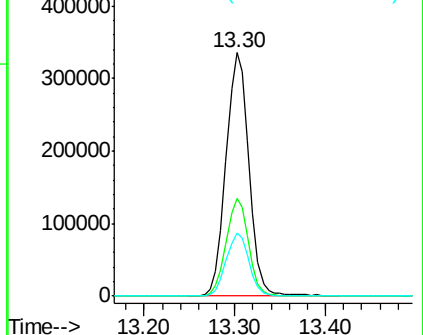
170 25.9 19.6 29.4

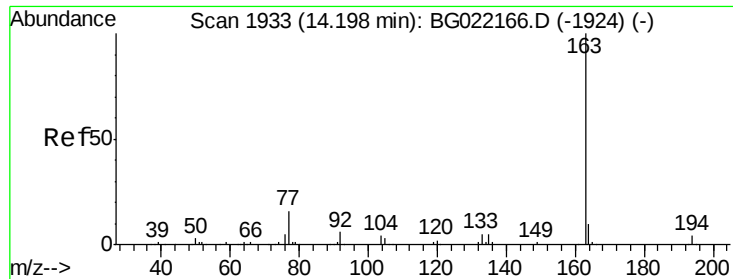


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.01 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S5-B3(0-8)C

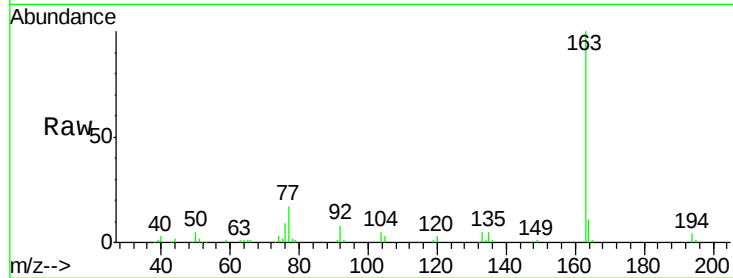
Tot Ion:163 Resp: 69630

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

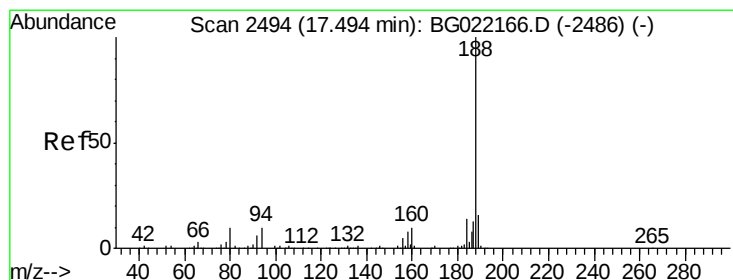
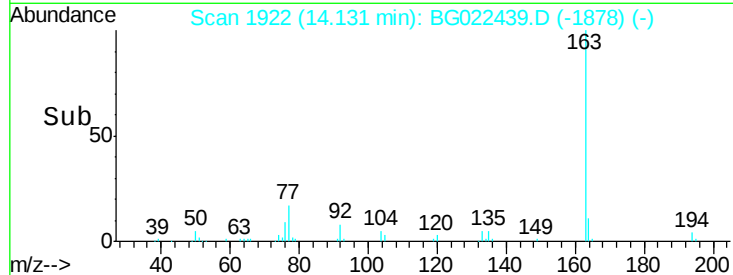
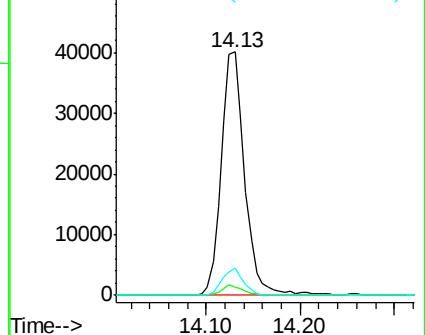
164 11.0 8.1 12.1



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: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

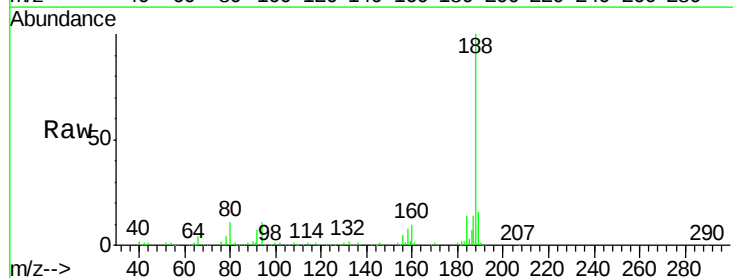
Tgt Ion:188 Resp: 161839

Ion Ratio Lower Upper

188 100

94 10.7 7.5 11.3

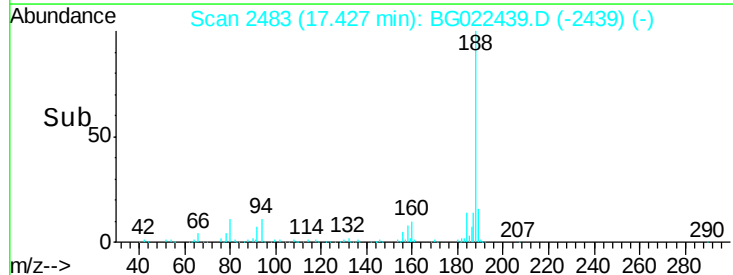
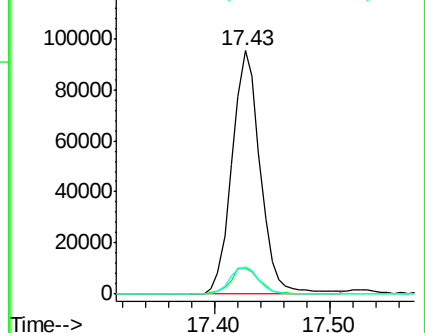
80 11.3 8.6 13.0

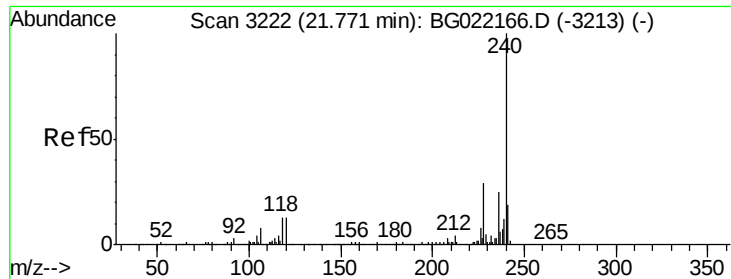


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

Instrument :

BNA_G

ClientSampled :

S5-B3(0-8)C

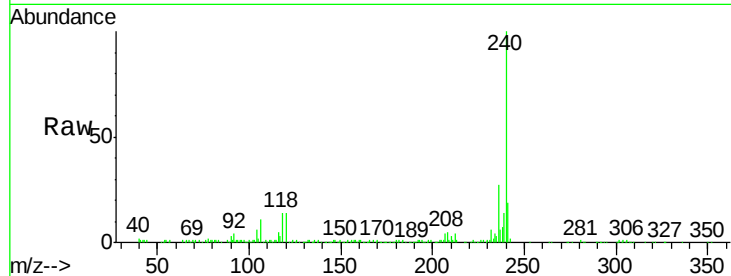
Tot Ion:240 Resp: 126129

Ion Ratio Lower Upper

240 100

120 13.9 8.4 12.6#

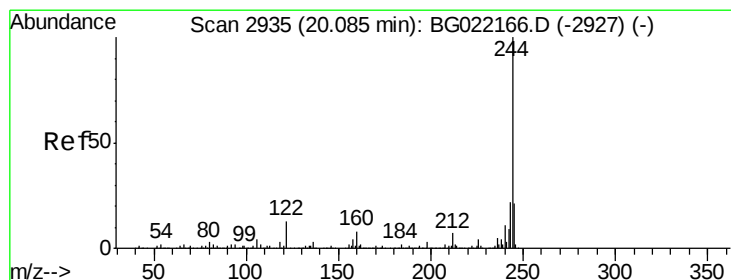
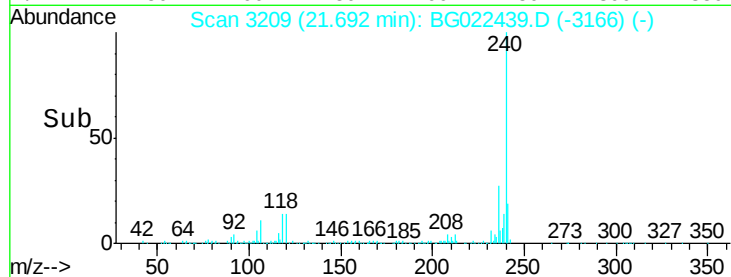
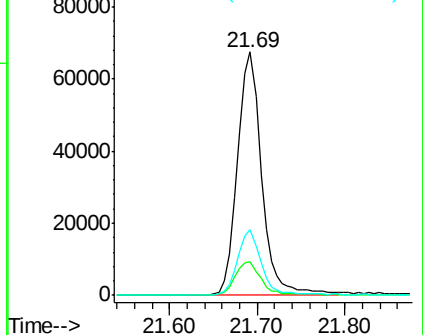
236 26.8 19.6 29.4



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: 100.98 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022439.D

Acq: 19 Jun 2016 1:18

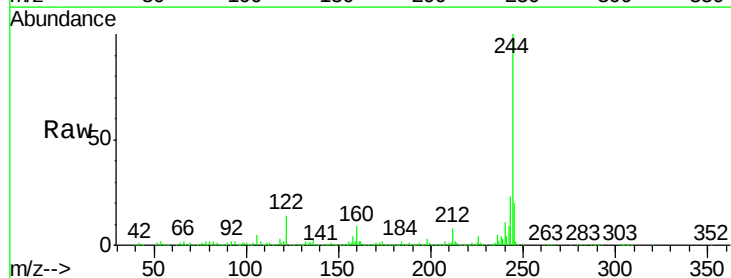
Tgt Ion:244 Resp: 536488

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

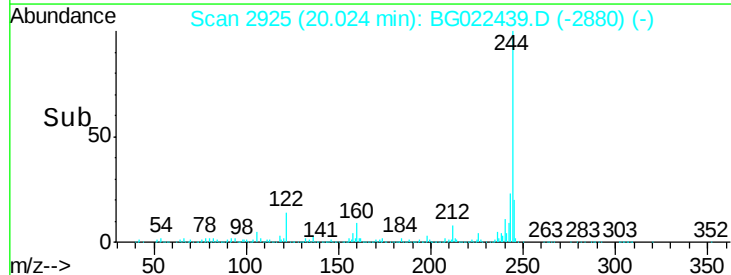
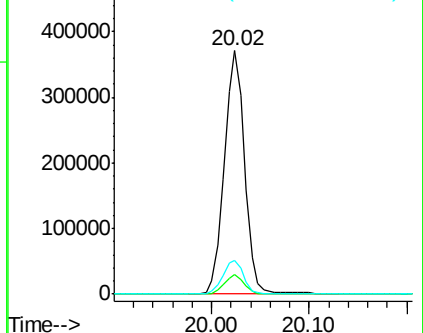
122 13.7 8.6 12.8#

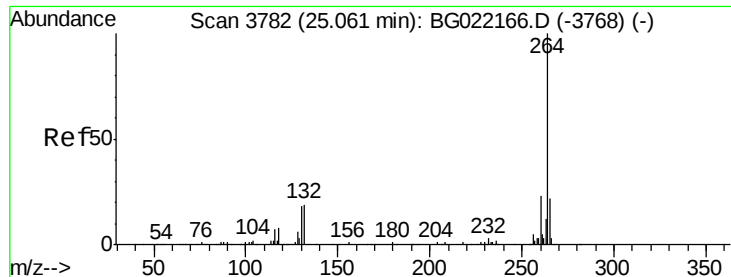


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3760
 Delta R.T. -0.08 min
 Lab File: BG022439.D
 Acq: 19 Jun 2016 1:18

Instrument :
 BNA_G
 ClientSampleId :
 S5-B3(0-8)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.4
265	21.0	17.8	26.8

