

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022411.D
 Acq On : 18 Jun 2016 6:35
 Operator : UM/SJ
 Sample : H3501-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB4-1-3

Quant Time: Jun 20 01:17:37 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

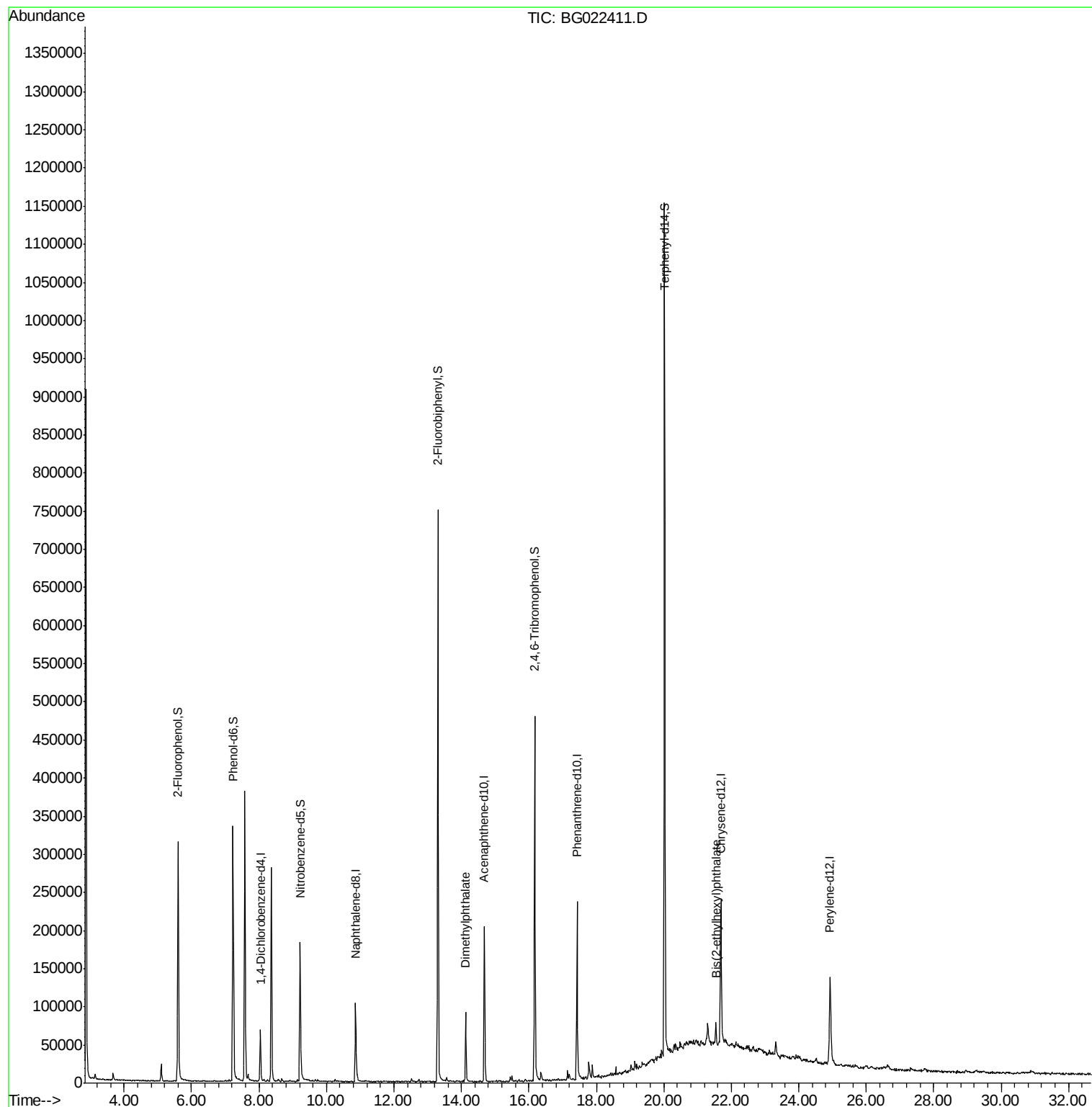
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24316	20.00	ng	-0.05
21) Naphthalene-d8	10.87	136	119645	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	80664	20.00	ng	-0.05
63) Phenanthrene-d10	17.43	188	169996	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	140539	20.00	ng	-0.05
86) Perylene-d12	24.93	264	129214	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	205983	163.79	ng	-0.03
7) Phenol-d6	7.23	99	307623	155.57	ng	-0.02
23) Nitrobenzene-d5	9.22	82	161207	93.94	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	103048	113.06	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	436842	82.53	ng	-0.04
78) Terphenyl-d14	20.02	244	534998	90.38	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	77420	11.58	ng	99
83) Bis(2-ethylhexyl)phthalate	21.54	149	12610	2.12	ng	99

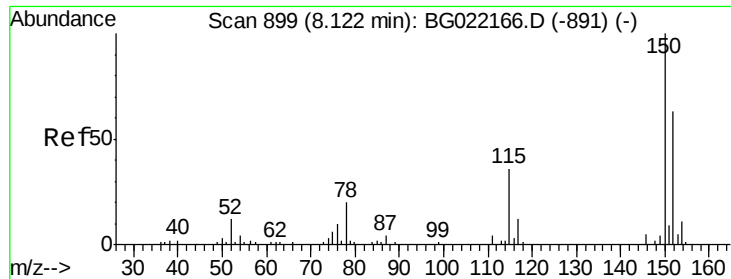
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.05 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

Instrument :

BNA_G

ClientSampleId :

SB4-1-3

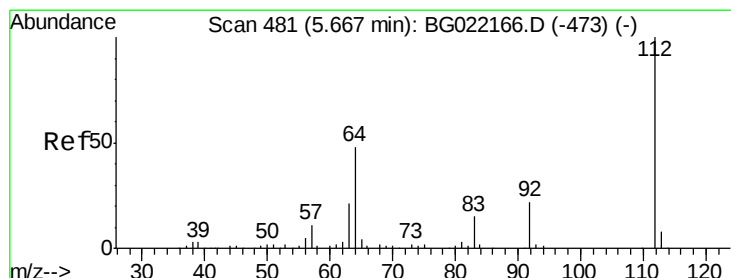
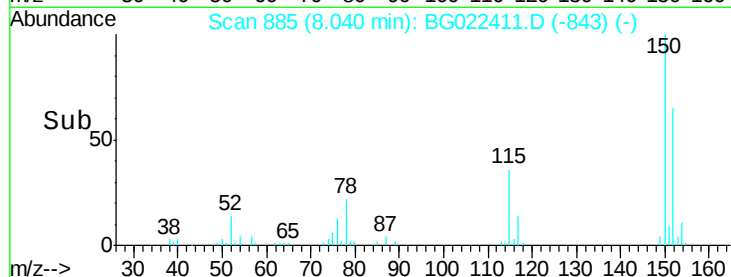
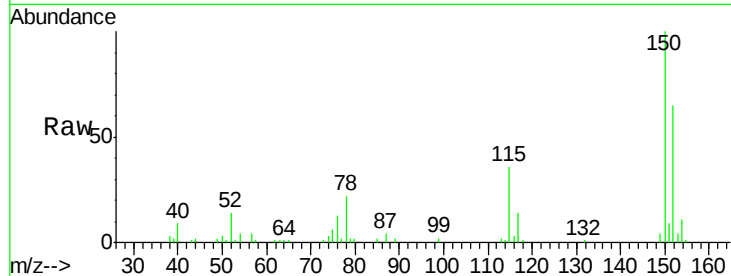
Tot Ion:152 Resp: 24316

Ion Ratio Lower Upper

152 100

150 153.9 130.1 195.1

115 54.8 62.2 93.2#



#5

2-Fluorophenol

Concen: 163.79 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.03 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

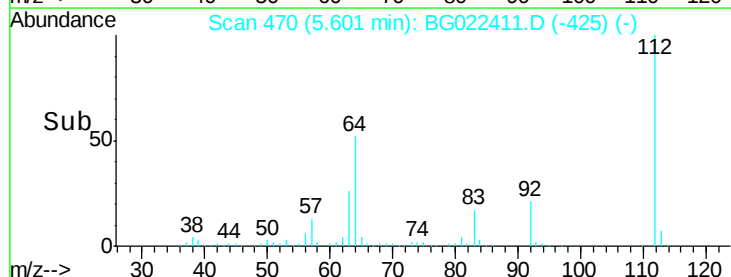
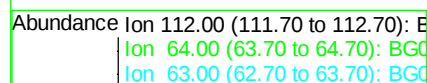
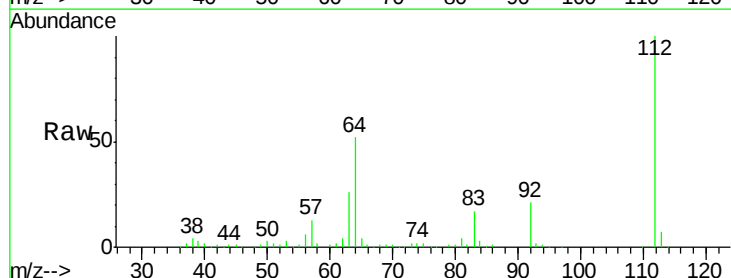
Tgt Ion:112 Resp: 205983

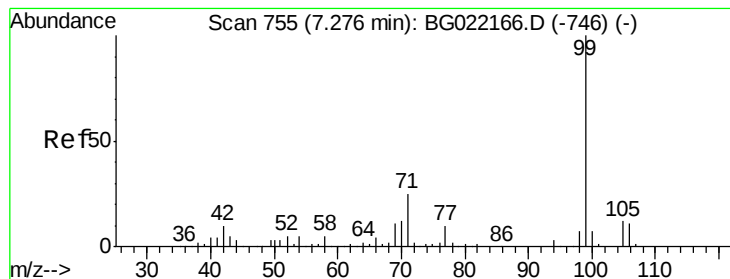
Ion Ratio Lower Upper

112 100

64 51.5 51.1 76.7

63 26.3 24.6 37.0





#7

Phenol-d6

Concen: 155.57 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

Instrument :

BNA_G

ClientSampleId :

SB4-1-3

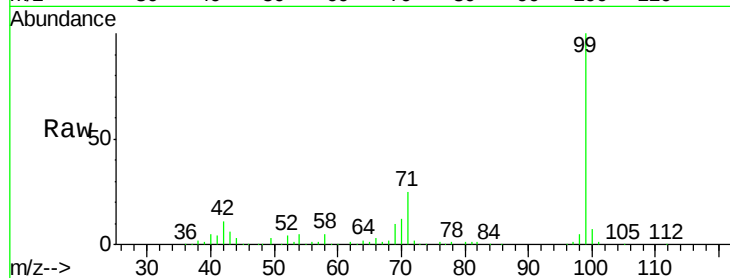
Tot Ion: 99 Resp: 307623

Ion Ratio Lower Upper

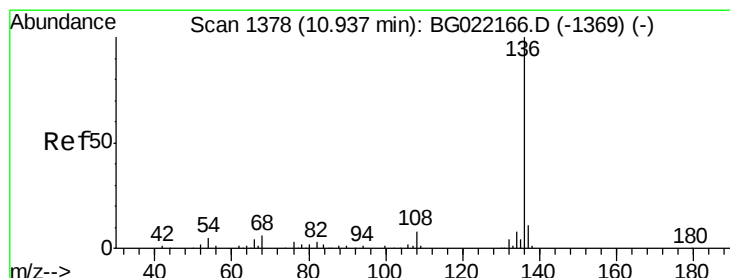
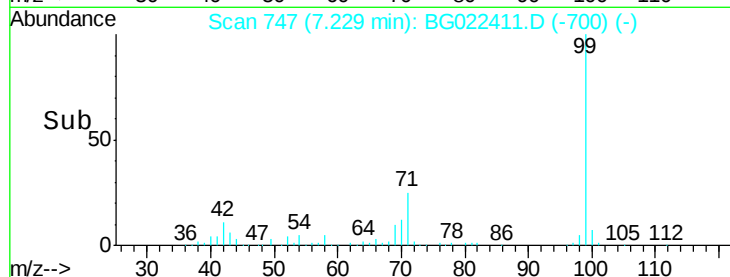
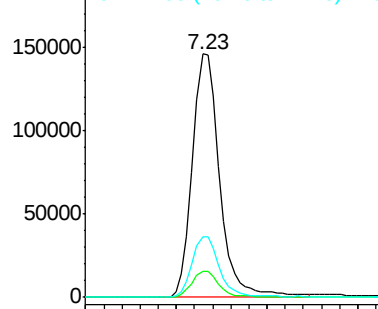
99 100

42 10.5 16.4 24.6#

71 24.8 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: 10.87 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

Tgt Ion: 136 Resp: 119645

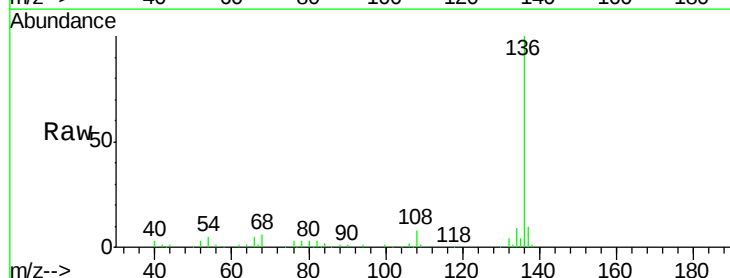
Ion Ratio Lower Upper

136 100

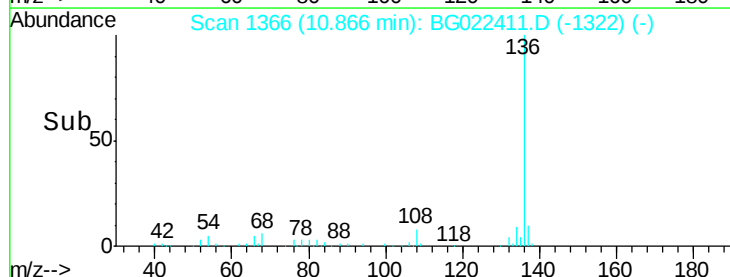
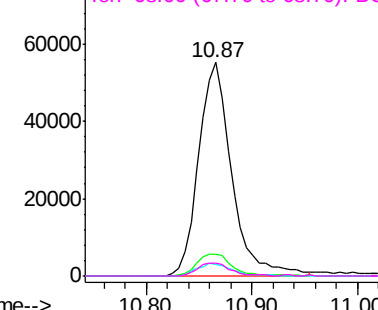
137 10.5 9.0 13.4

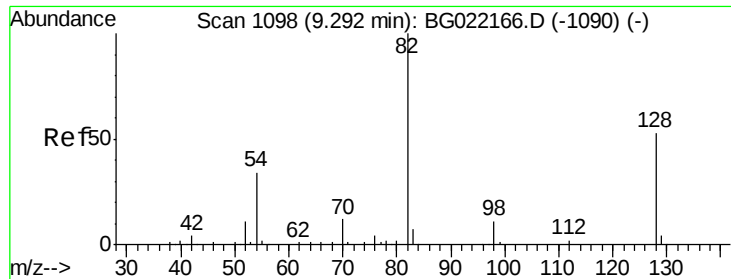
54 5.5 9.6 14.4#

68 6.3 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

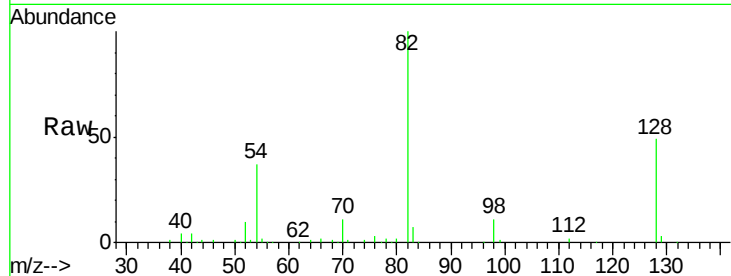




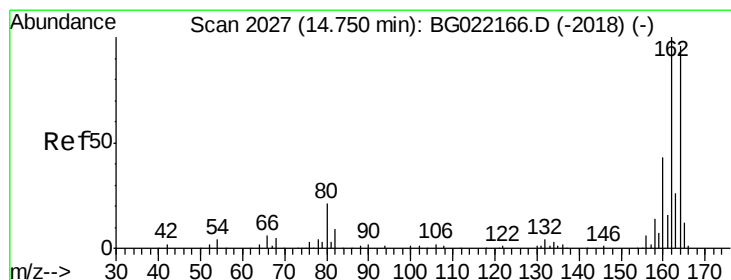
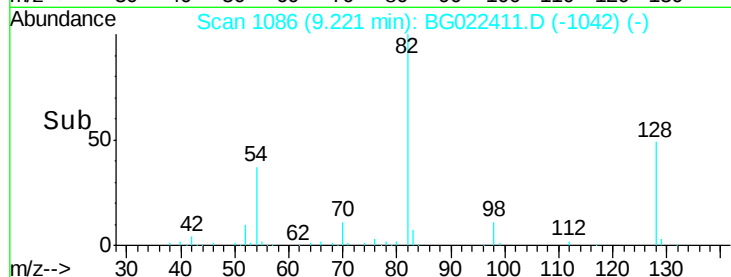
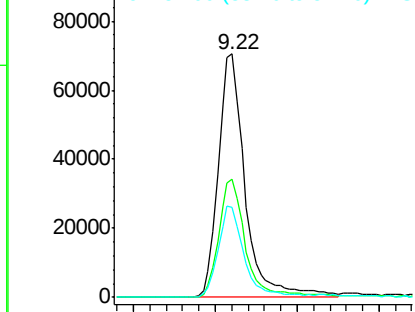
#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022411.D
 Acq: 18 Jun 2016 6:35

Instrument :
 BNA_G
 ClientSampleID :
 SB4-1-3

Tot Ion: 82 Resp: 161207
 Ion Ratio Lower Upper
 82 100
 128 48.7 33.4 50.0
 54 36.9 46.1 69.1#

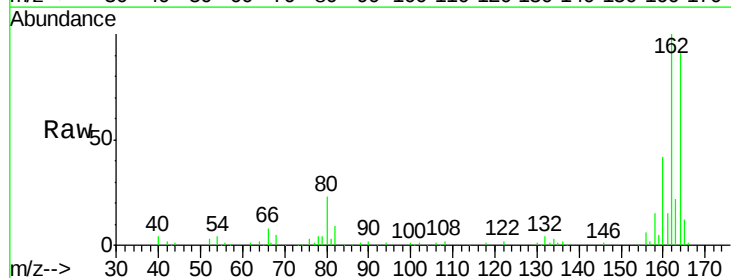


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

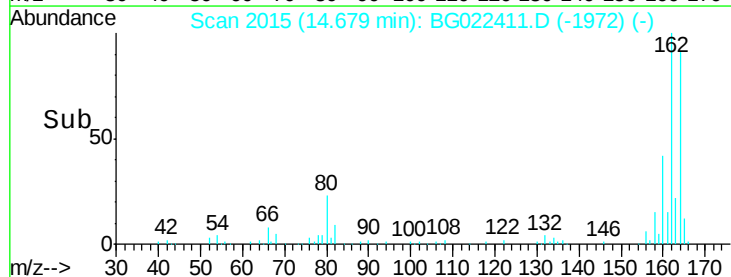
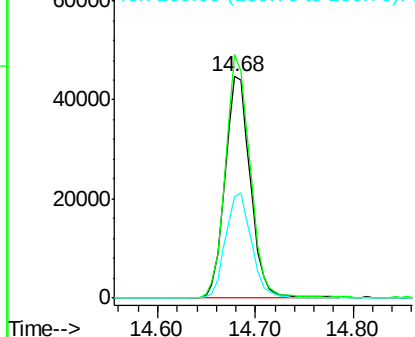


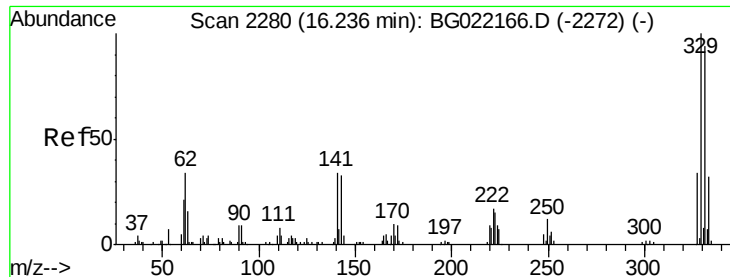
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2015
 Delta R.T. -0.05 min
 Lab File: BG022411.D
 Acq: 18 Jun 2016 6:35

Tgt Ion: 164 Resp: 80664
 Ion Ratio Lower Upper
 164 100
 162 109.8 78.0 117.0
 160 45.7 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

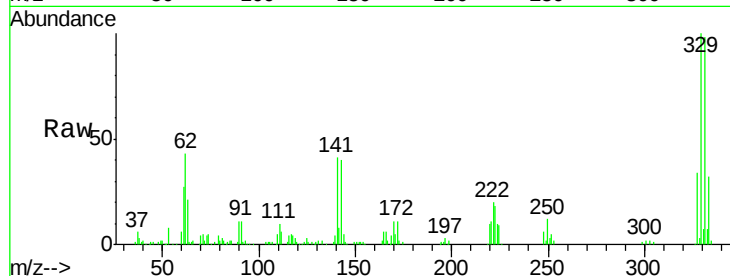




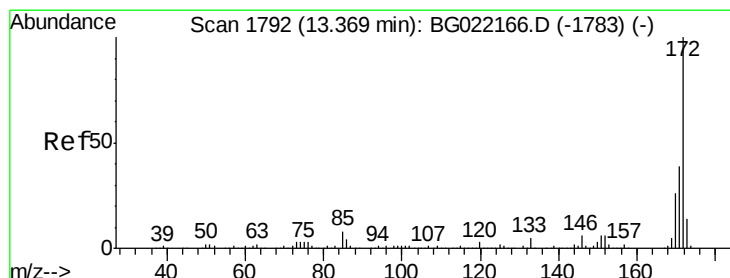
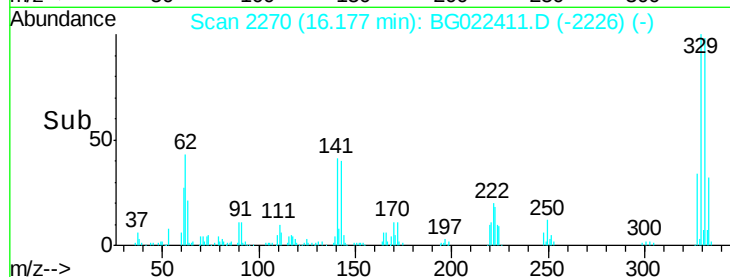
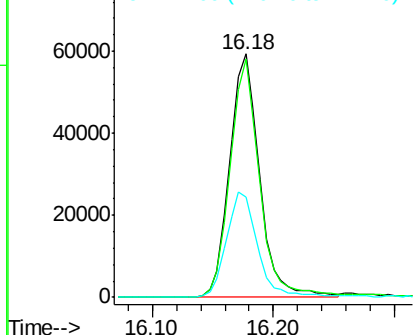
#41
 2,4,6-Tribromophenol
 Concen: 113.06 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022411.D
 Acq: 18 Jun 2016 6:35

Instrument :
 BNA_G
 ClientSampleId :
 SB4-1-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	44.7	33.8	50.8

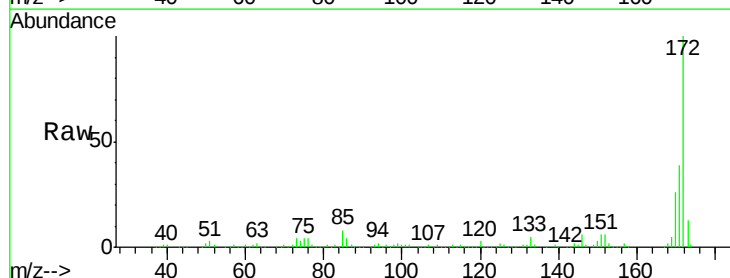


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

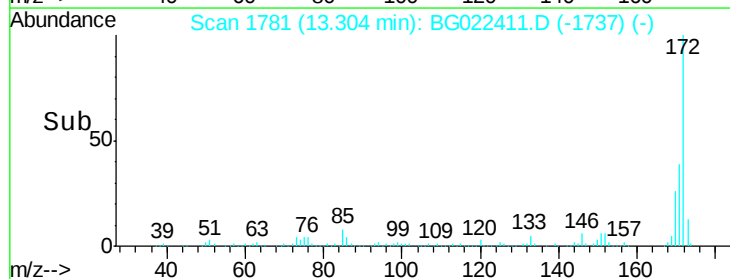
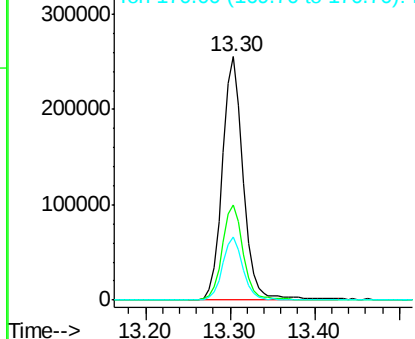


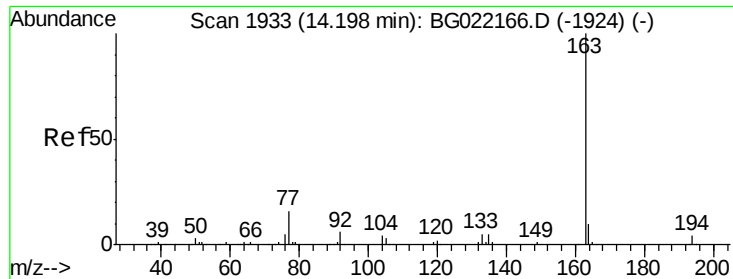
#44
 2-Fluorobiphenyl
 Concen: 82.53 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022411.D
 Acq: 18 Jun 2016 6:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	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

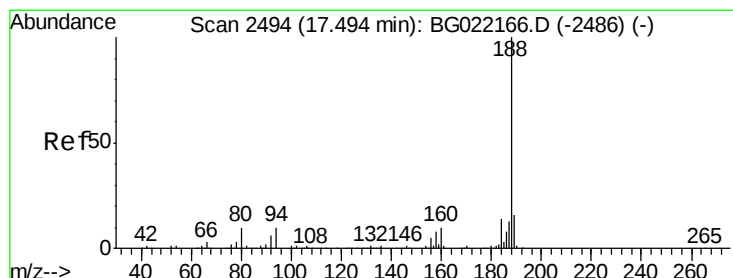
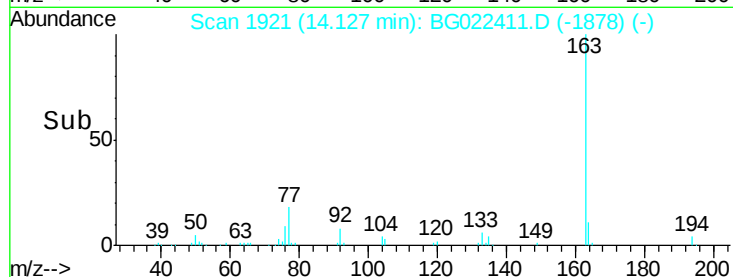
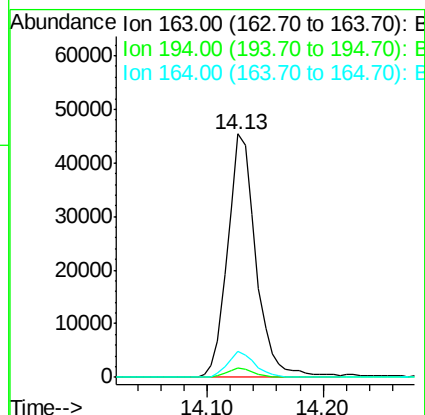
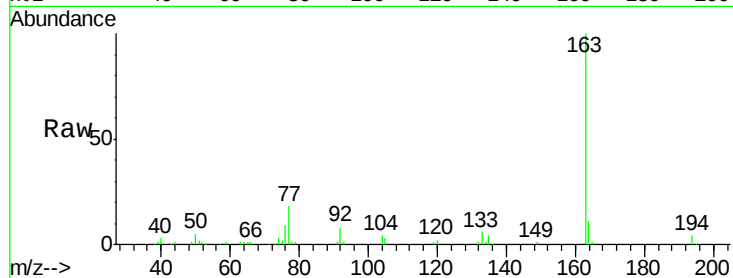




#49
Dimethylphthalate
Concen: 11.58 ng
RT: 14.13 min Scan# 1921
Delta R.T. -0.05 min
Lab File: BG022411.D
Acq: 18 Jun 2016 6:35

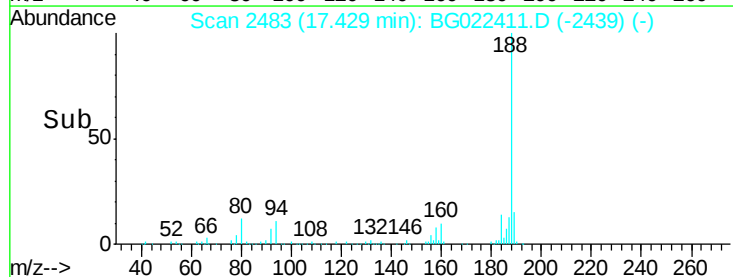
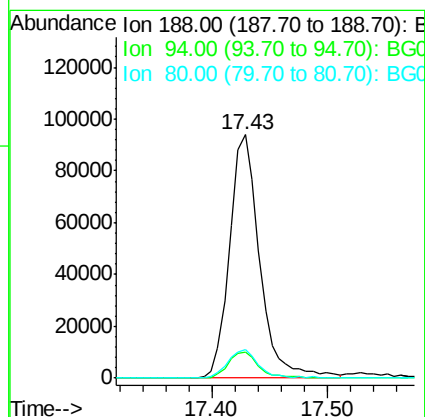
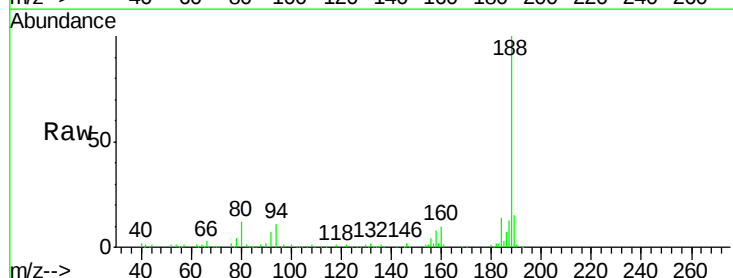
Instrument :
BNA_G
ClientSampleId :
SB4-1-3

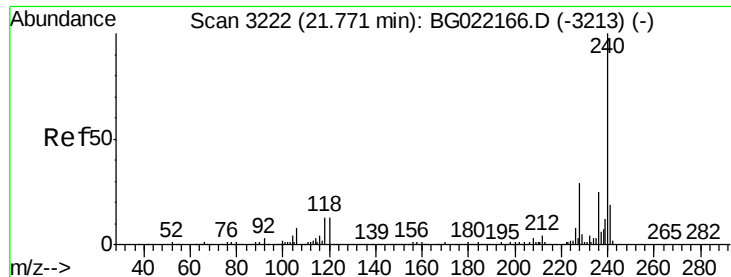
Tot Ion:163 Resp: 77420
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022411.D
Acq: 18 Jun 2016 6:35

Tgt Ion:188 Resp: 169996
Ion Ratio Lower Upper
188 100
94 10.7 7.5 11.3
80 12.0 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

Instrument :

BNA_G

ClientSampleId :

SB4-1-3

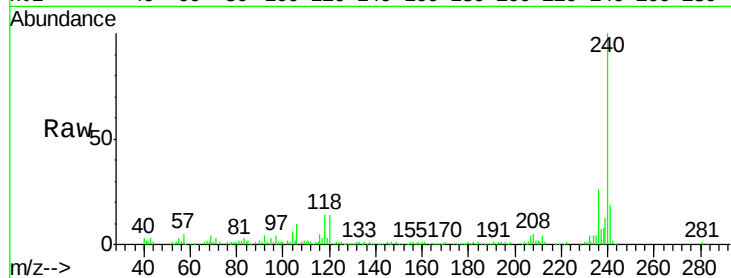
Tot Ion:240 Resp: 140539

Ion Ratio Lower Upper

240 100

120 14.1 8.4 12.6#

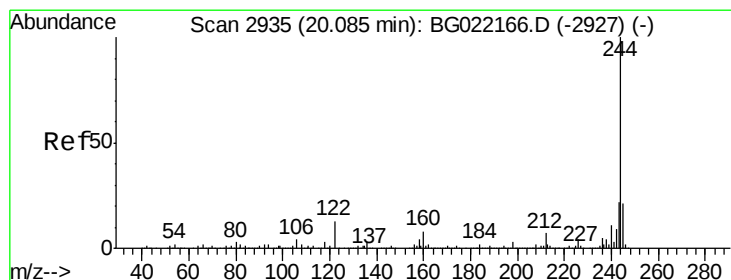
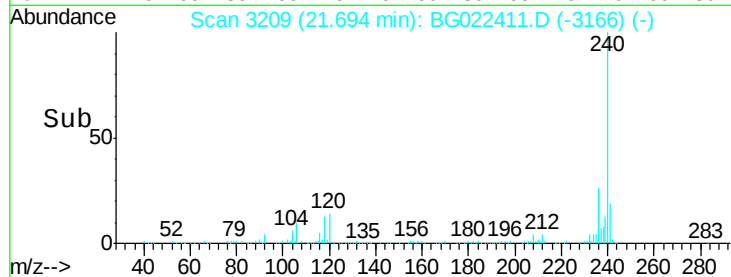
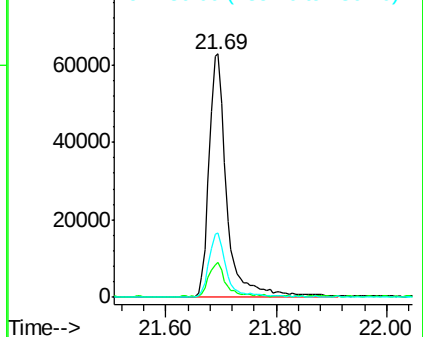
236 26.4 19.6 29.4



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: 90.38 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.04 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

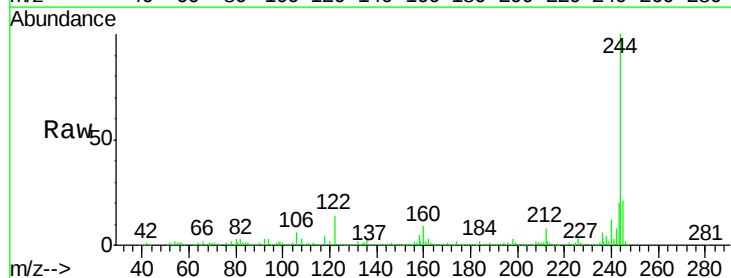
Tgt Ion:244 Resp: 534998

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

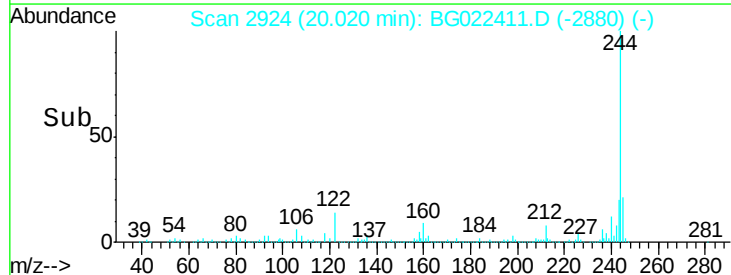
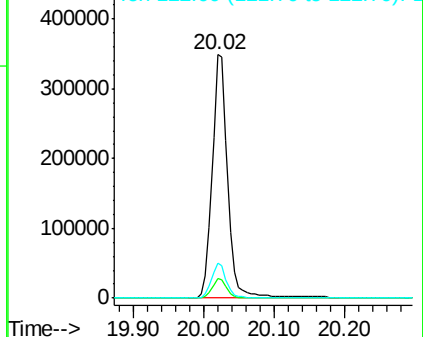
122 14.3 8.6 12.8#

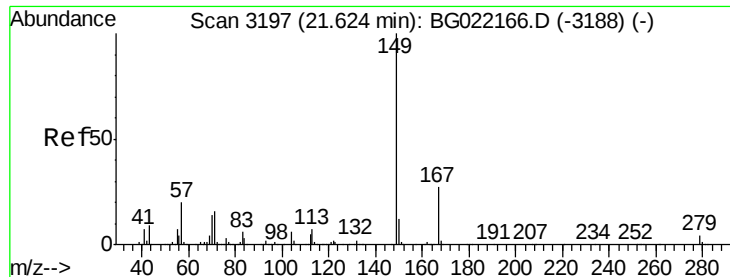


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.12 ng

RT: 21.54 min Scan# 3183

Delta R.T. -0.05 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

Instrument :

BNA_G

ClientSampled :

SB4-1-3

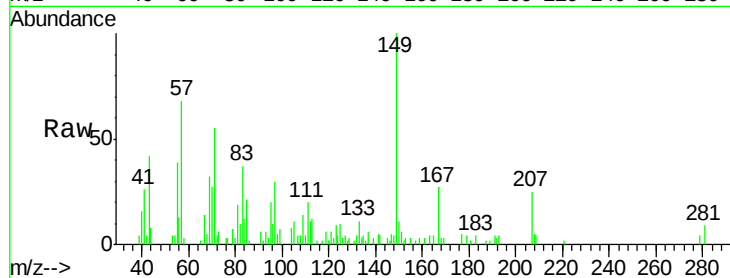
Tot Ion:149 Resp: 12610

Ion Ratio Lower Upper

149 100

167 27.2 22.4 33.6

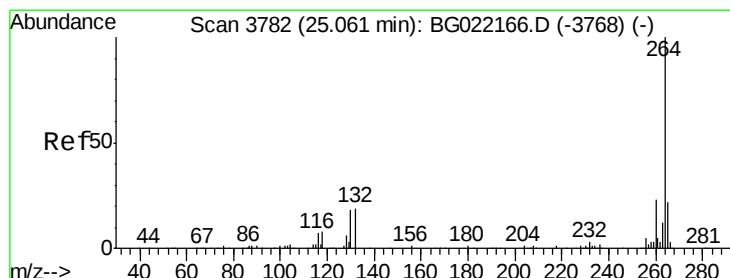
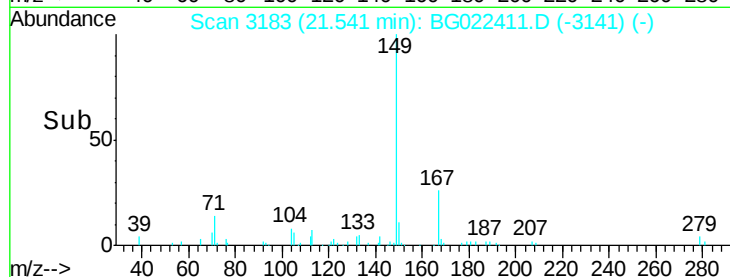
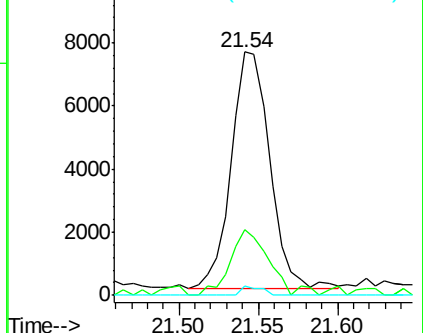
279 3.6 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.08 min

Lab File: BG022411.D

Acq: 18 Jun 2016 6:35

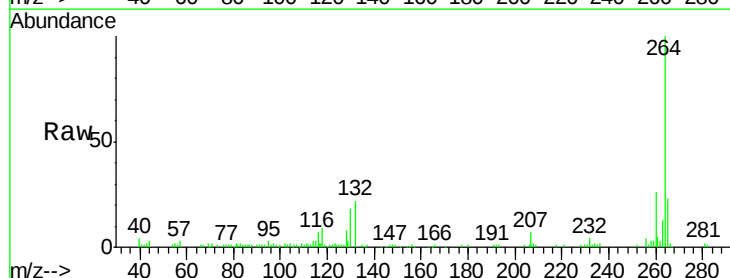
Tgt Ion:264 Resp: 129214

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.4

265 23.1 17.8 26.8



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

