

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022991.D
 Acq On : 10 Jul 2016 8:49
 Operator : UM/SJ
 Sample : H3921-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 07-B2(6-12)C

Quant Time: Jul 11 02:35:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

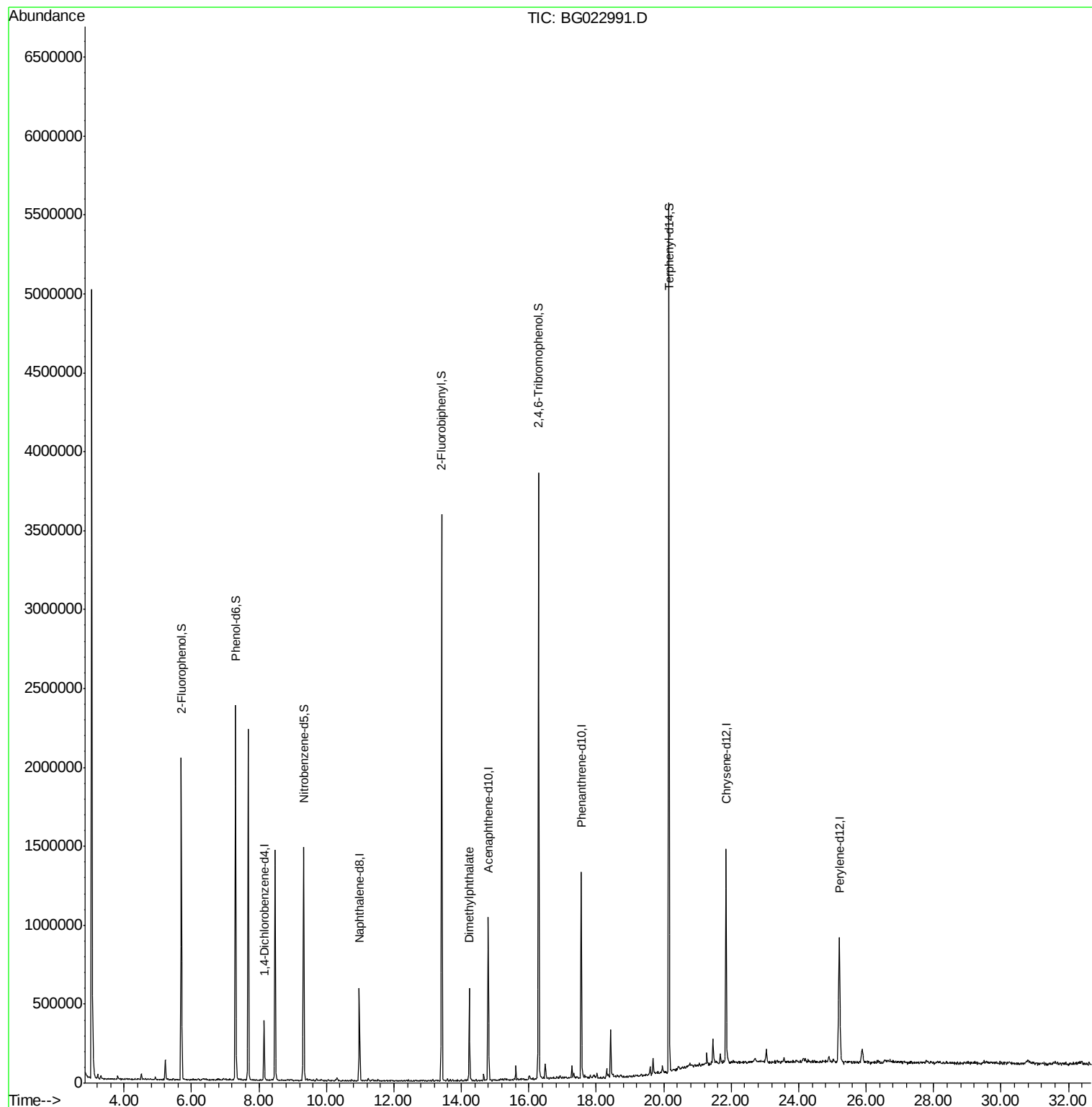
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95677	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	459941	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	354441	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	823149	20.00	ng	0.00
75) Chrysene-d12	21.85	240	881450	20.00	ng	0.00
86) Perylene-d12	25.21	264	893400	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	836206	142.94	ng	0.00
7) Phenol-d6	7.30	99	1313901	143.40	ng	0.00
23) Nitrobenzene-d5	9.32	82	947858	88.24	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	721710	113.30	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1715603	76.24	ng	0.00
78) Terphenyl-d14	20.15	244	2220502	77.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	344922	11.91	ng	Qvalue 99

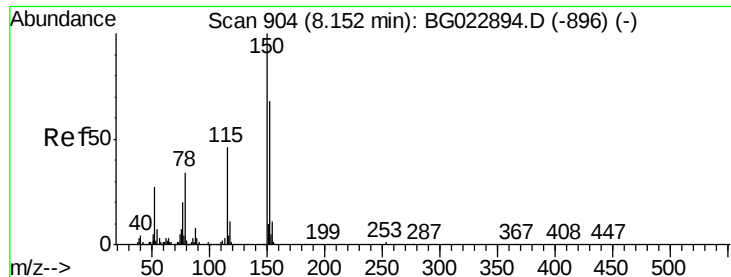
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C

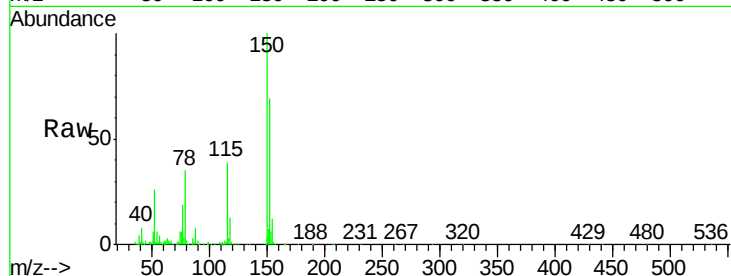
Tgt Ion:152 Resp: 95677

Ion Ratio Lower Upper

152 100

150 145.8 144.7 217.1

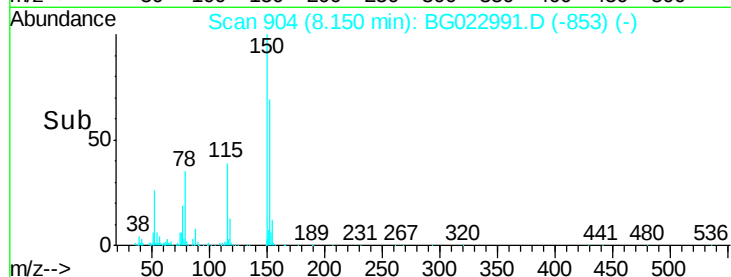
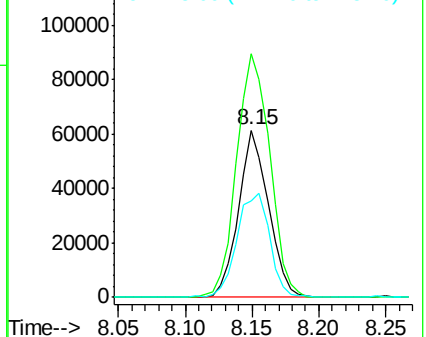
115 57.4 64.0 96.0#



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: 142.94 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

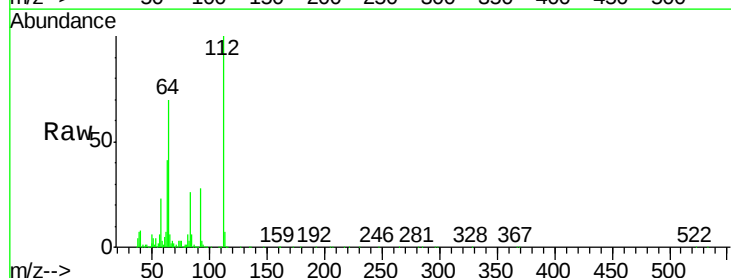
Tgt Ion:112 Resp: 836206

Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

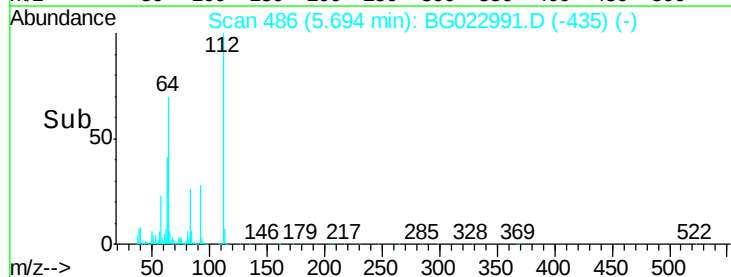
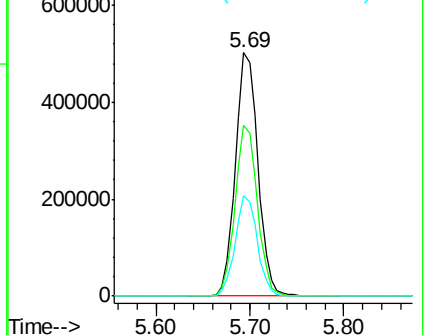
63 41.1 37.8 56.8

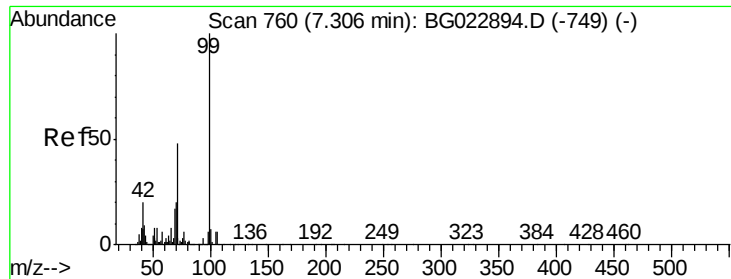


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.40 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C

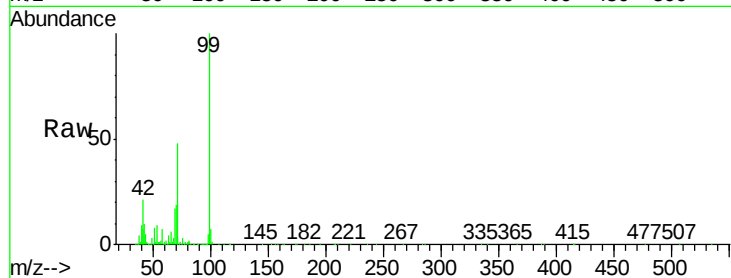
Tgt Ion: 99 Resp: 1313901

Ion Ratio Lower Upper

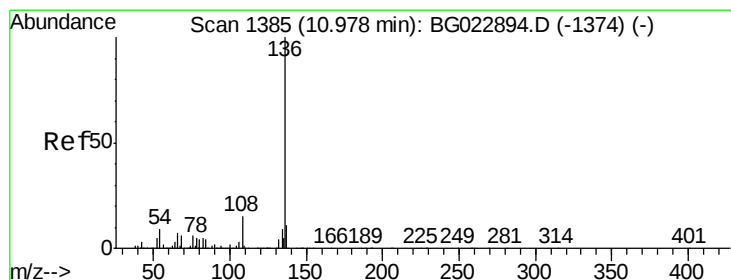
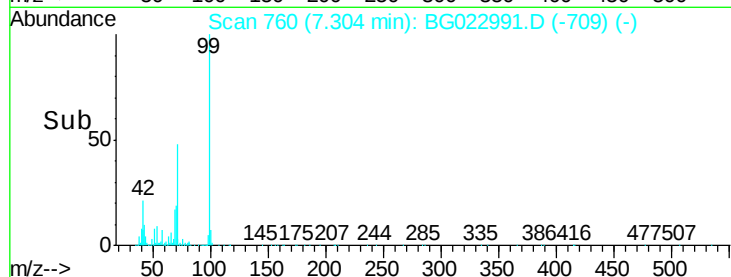
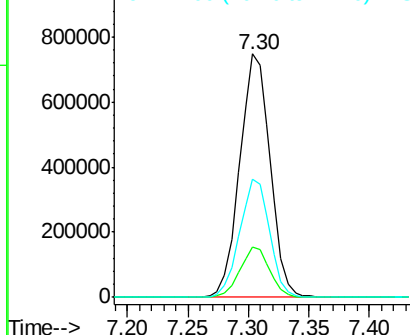
99 100

42 20.8 17.8 26.6

71 48.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Tgt Ion: 136 Resp: 459941

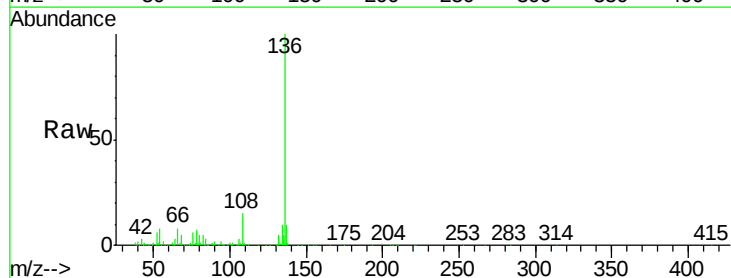
Ion Ratio Lower Upper

136 100

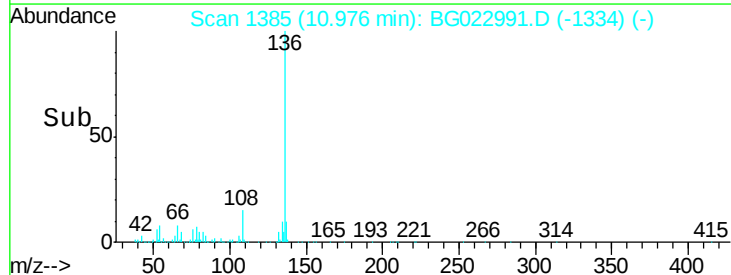
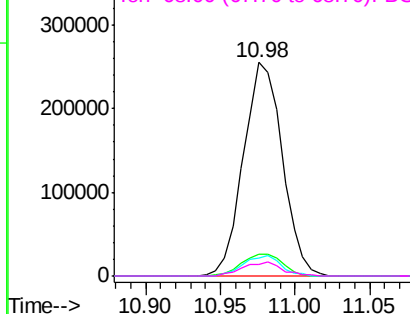
137 10.3 9.6 14.4

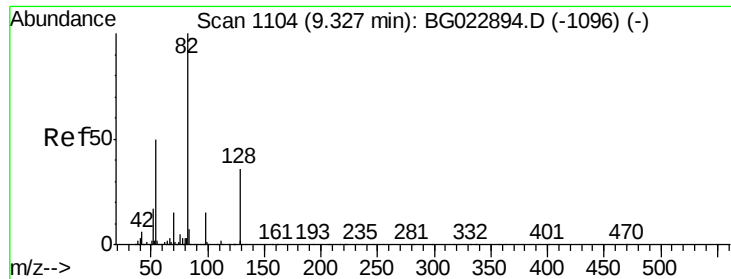
54 8.5 7.3 10.9

68 5.5 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: 88.24 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C

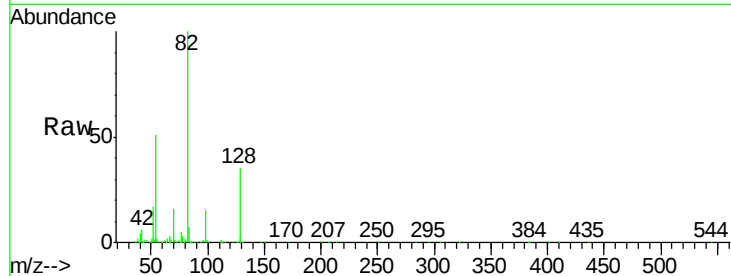
Tgt Ion: 82 Resp: 947858

Ion Ratio Lower Upper

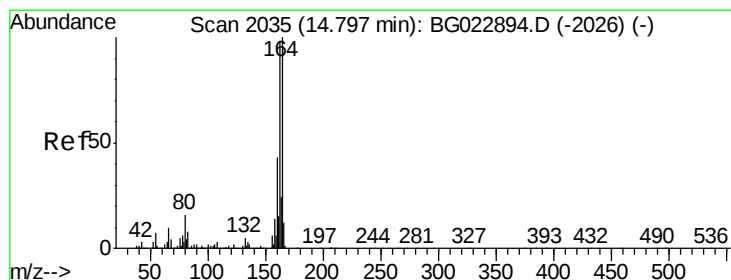
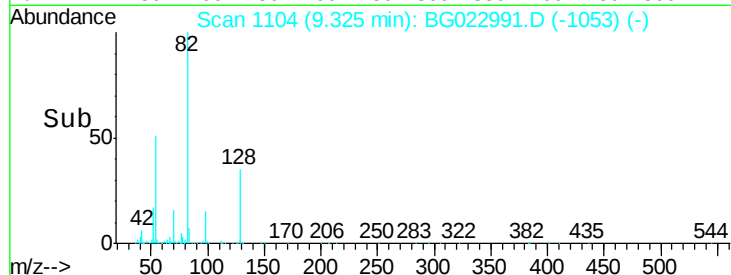
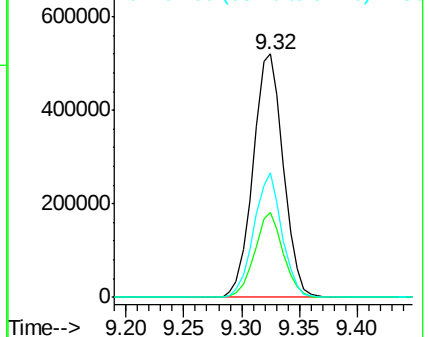
82 100

128 34.7 24.4 36.6

54 51.3 41.4 62.0



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: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

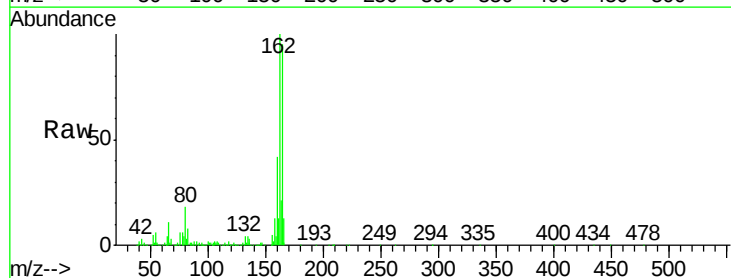
Tgt Ion: 164 Resp: 354441

Ion Ratio Lower Upper

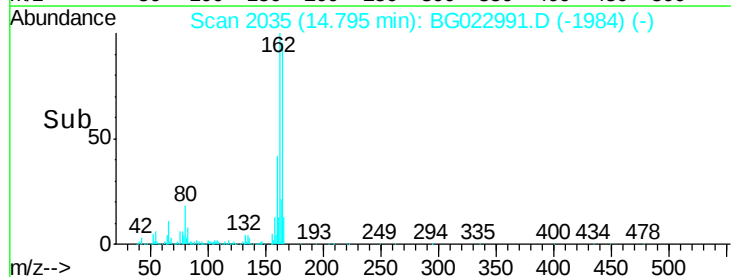
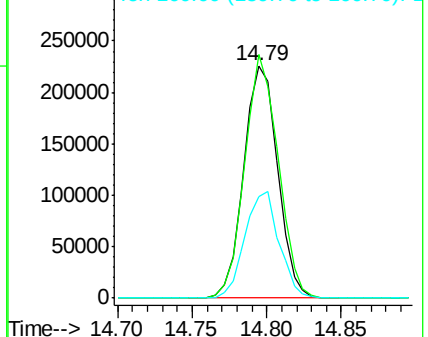
164 100

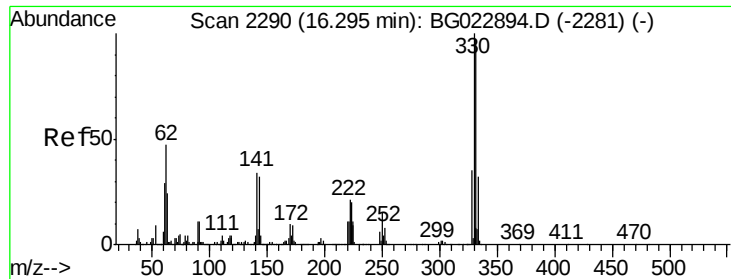
162 104.8 87.7 131.5

160 43.7 37.2 55.8



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

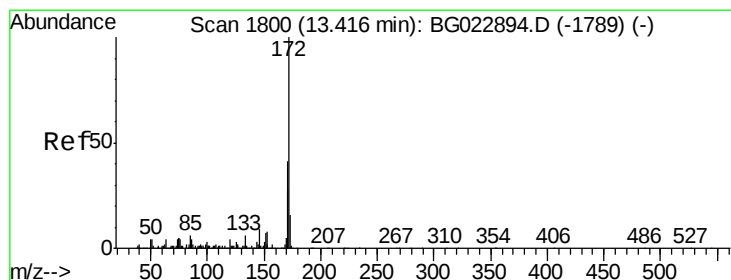
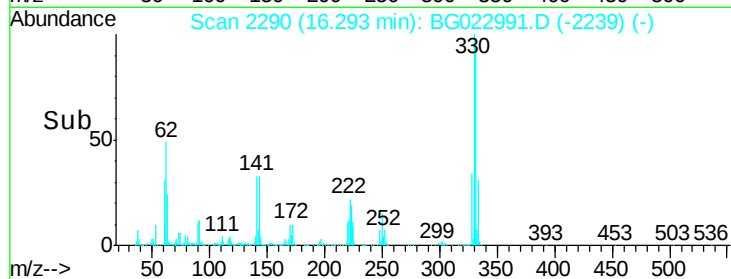
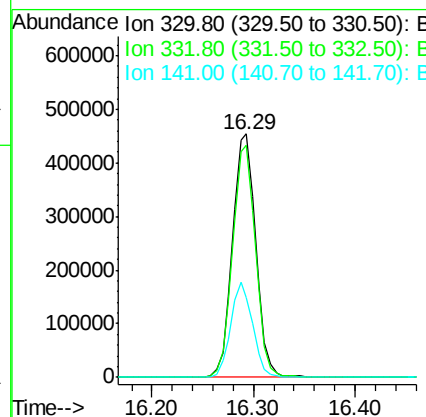
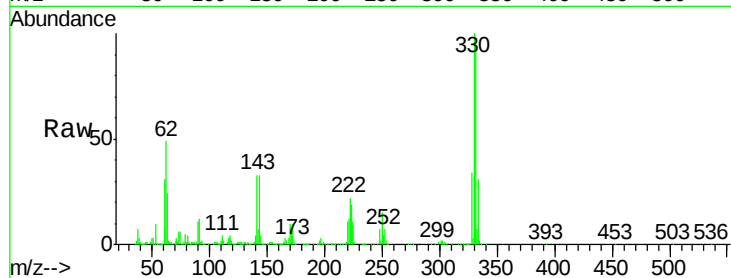




#41
 2,4,6-Tribromophenol
 Concen: 113.30 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022991.D
 Acq: 10 Jul 2016 8:49

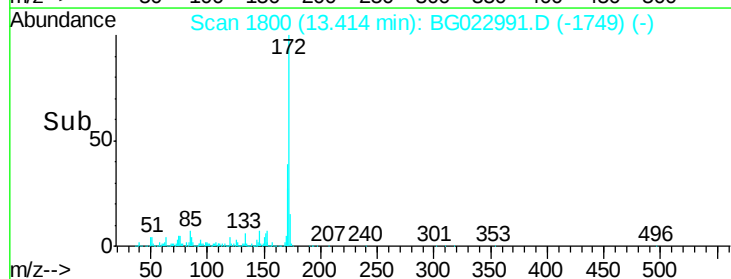
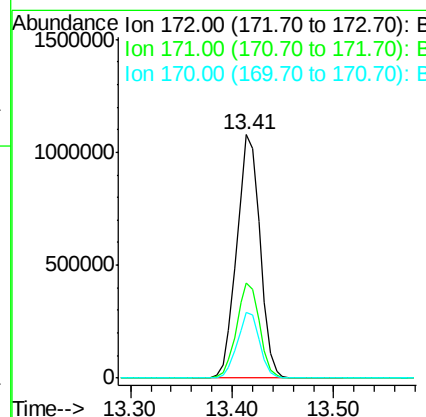
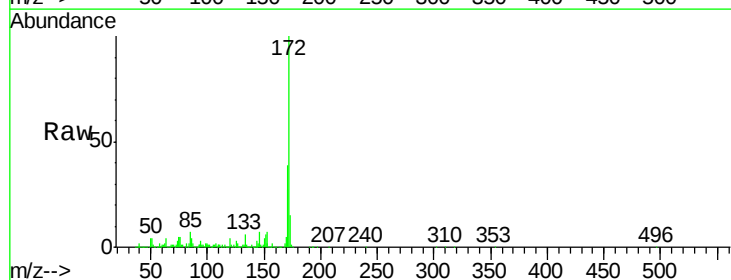
Instrument :
 BNA_G
 ClientSampleId :
 07-B2(6-12)C

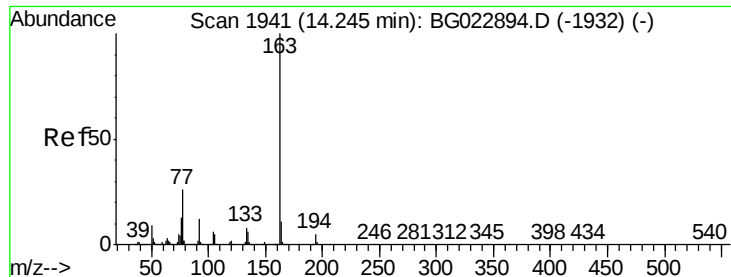
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.4	116.2
141	36.6	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 76.24 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022991.D
 Acq: 10 Jul 2016 8:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.6	47.4
170	26.8	21.3	31.9





#49

Dimethylphthalate

Concen: 11.91 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C

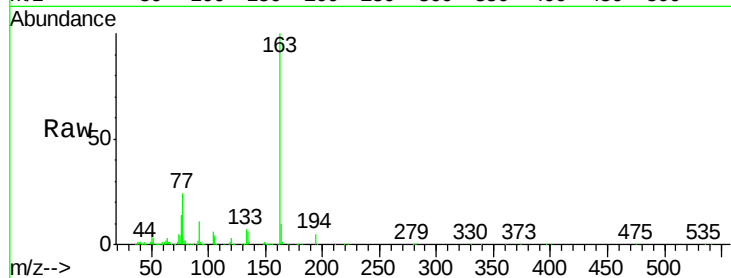
Tgt Ion:163 Resp: 344922

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

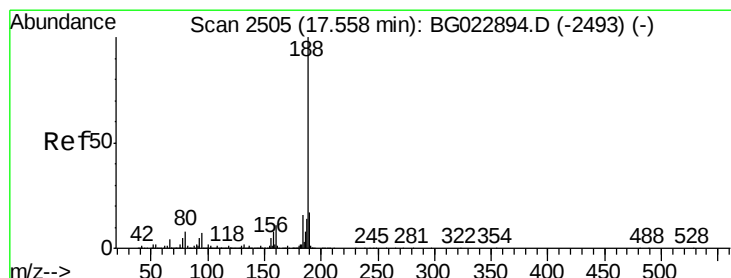
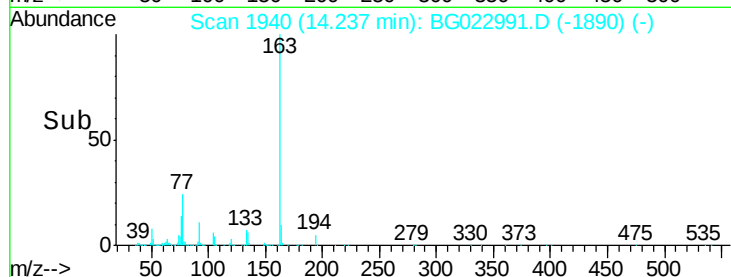
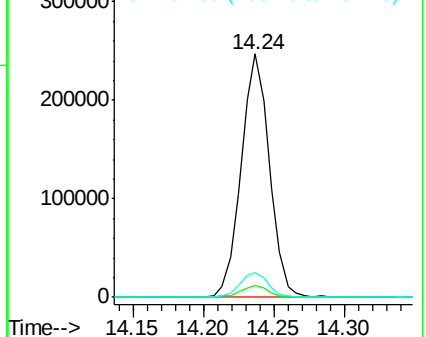
164 10.3 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

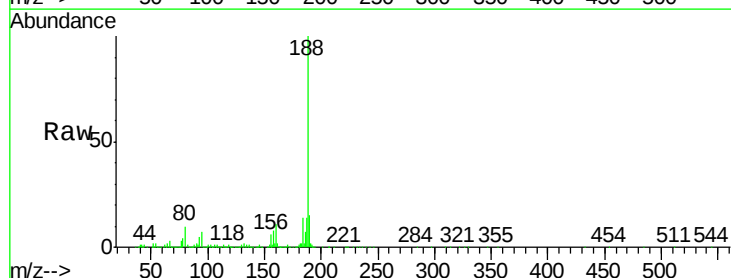
Tgt Ion:188 Resp: 823149

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

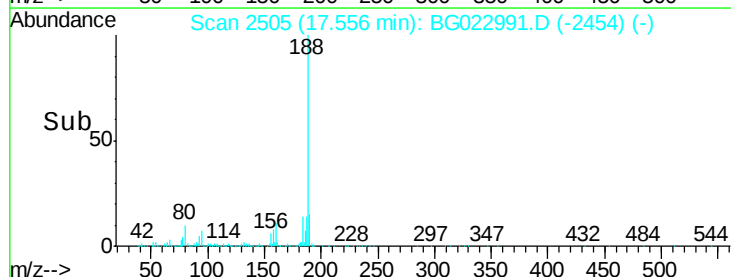
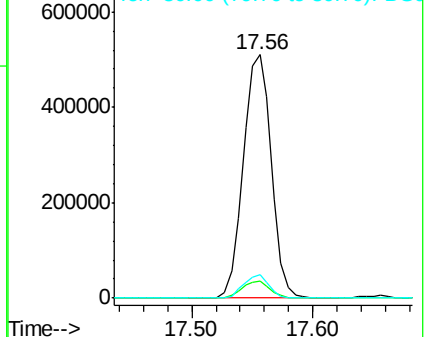
80 9.6 7.2 10.8

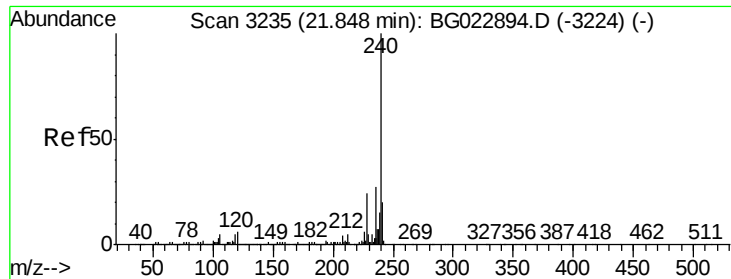


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C

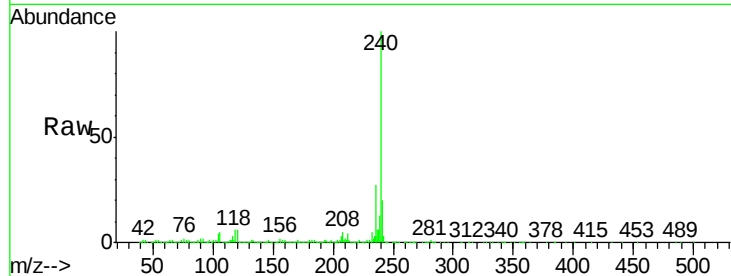
Tgt Ion:240 Resp: 881450

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

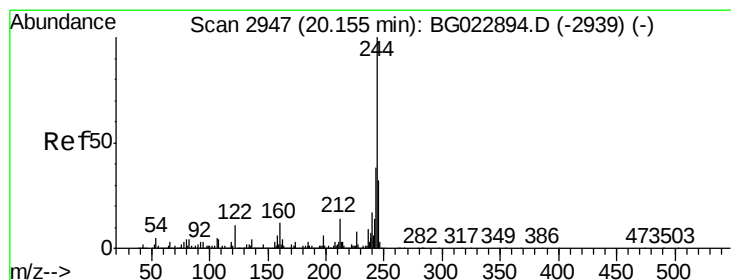
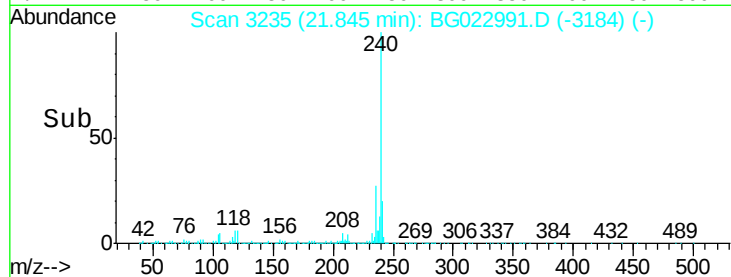
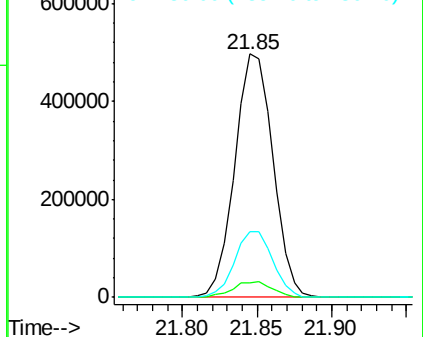
236 27.0 21.1 31.7



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: 77.13 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022991.D

Acq: 10 Jul 2016 8:49

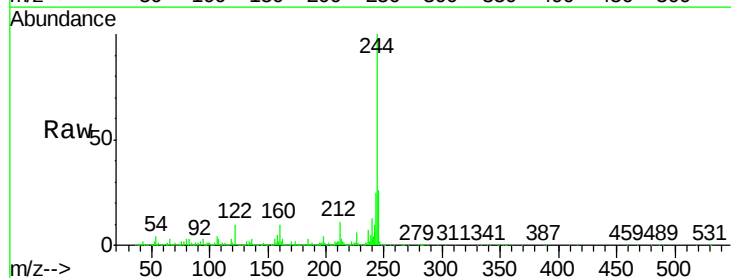
Tgt Ion:244 Resp: 2220502

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

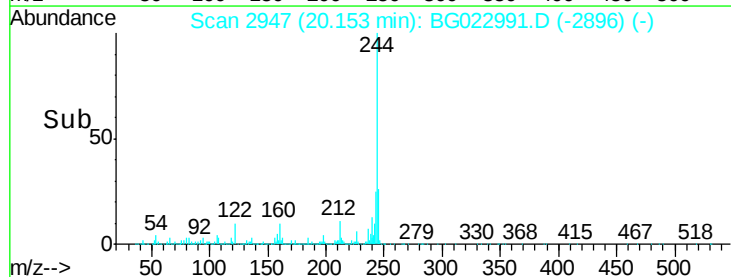
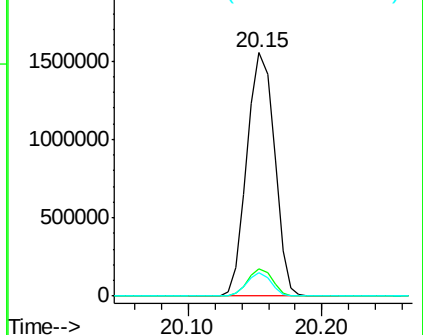
122 9.7 8.0 12.0

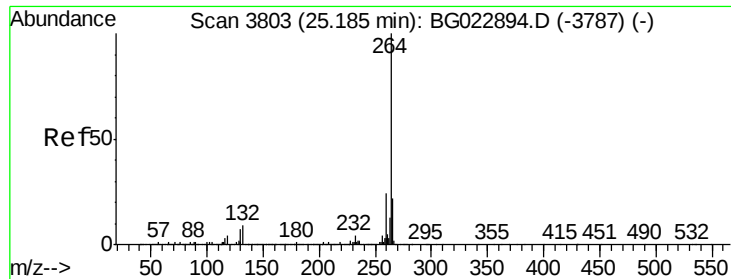


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022991.D

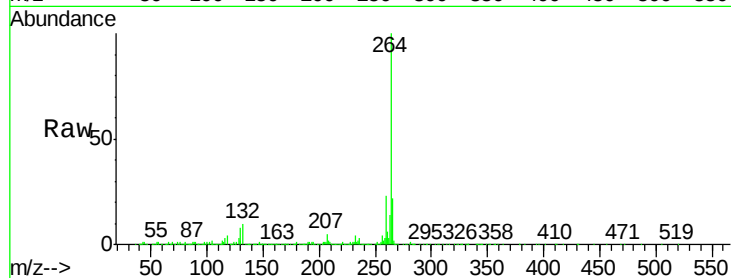
Acq: 10 Jul 2016 8:49

Instrument :

BNA_G

ClientSampleId :

07-B2(6-12)C



Tgt Ion: 264 Resp: 893400

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 18.9 28.3

