

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023143.D
 Acq On : 16 Jul 2016 12:19
 Operator : UM/SJ
 Sample : H4016-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-15

Quant Time: Jul 18 01:19:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

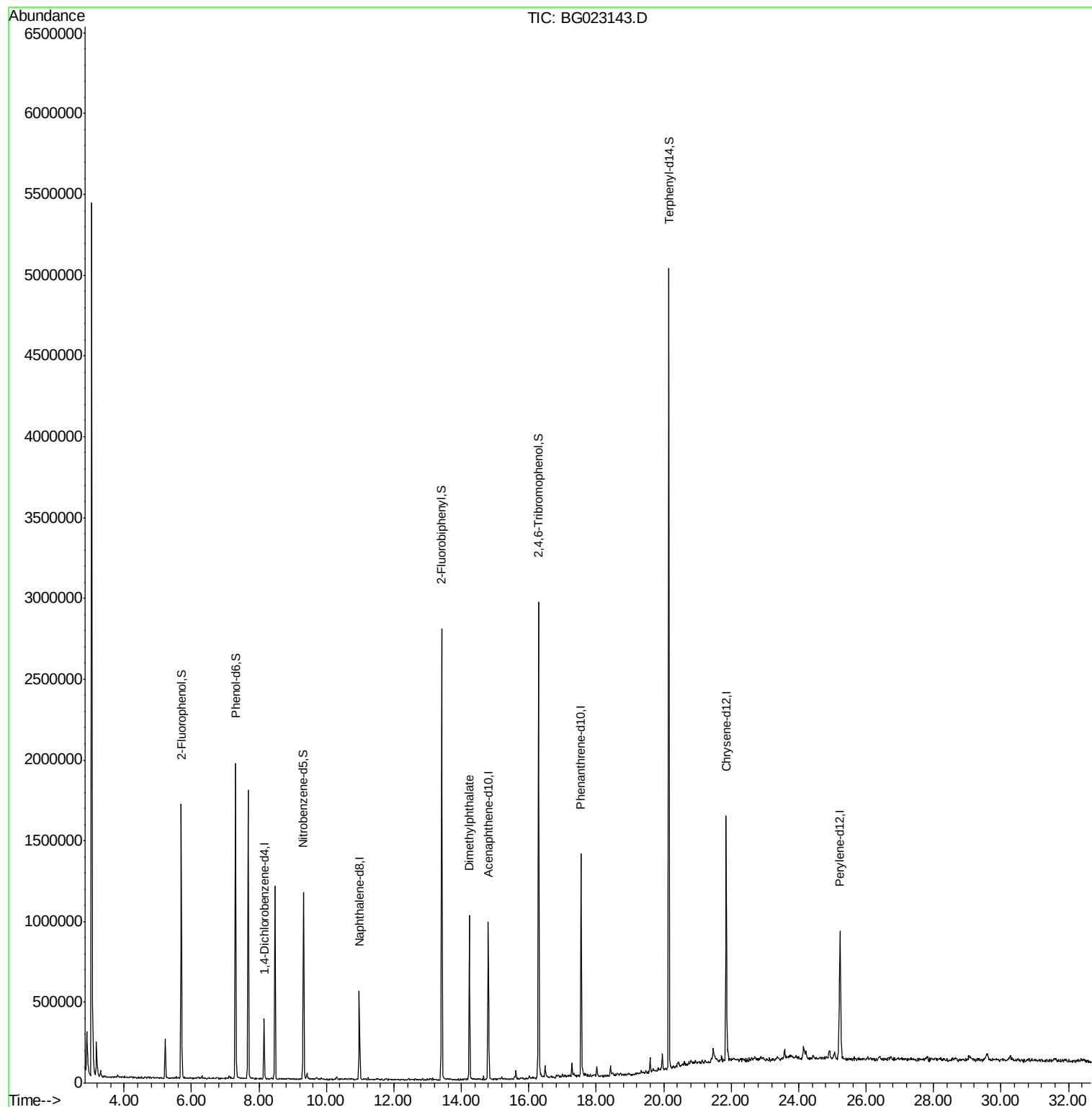
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91252	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	435951	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	337411	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	826006	20.00	ng	0.00
75) Chrysene-d12	21.85	240	915889	20.00	ng	0.00
86) Perylene-d12	25.23	264	906147	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	667560	119.65	ng	0.00
7) Phenol-d6	7.30	99	1071023	122.56	ng	0.00
23) Nitrobenzene-d5	9.32	82	755743	74.23	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	545646	89.98	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1375646	64.22	ng	0.00
78) Terphenyl-d14	20.15	244	1949516	60.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	601437	21.82	ng	Qvalue 97

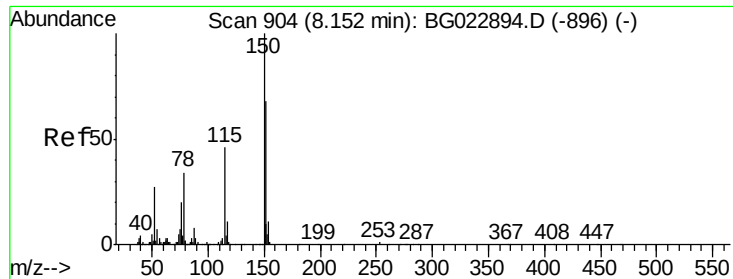
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 16 Jul 2016 12:19
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C5-15

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QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

Instrument :

BNA_G

ClientSampleId :

C5-15

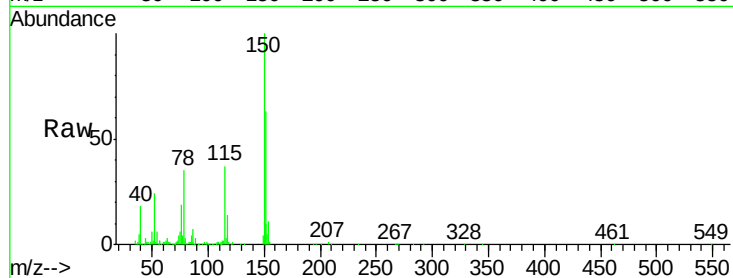
Tgt Ion:152 Resp: 91252

Ion Ratio Lower Upper

152 100

150 160.0 144.7 217.1

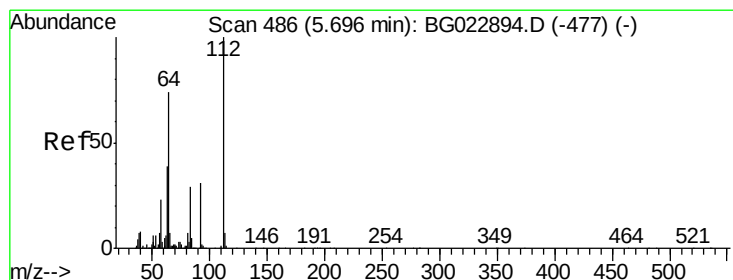
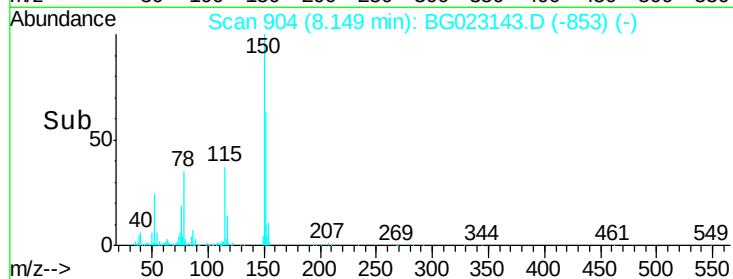
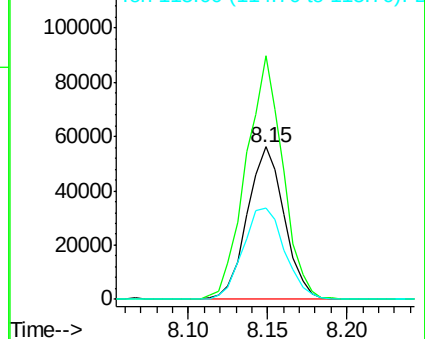
115 59.7 64.0 96.0#



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: 119.65 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

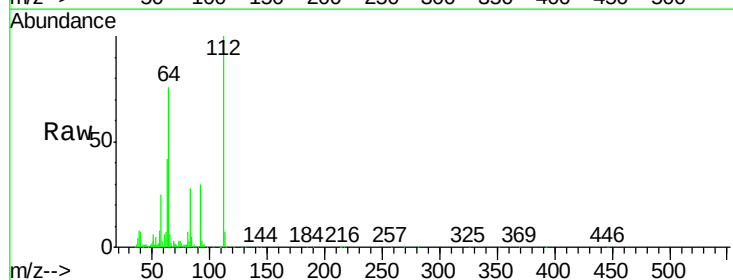
Tgt Ion:112 Resp: 667560

Ion Ratio Lower Upper

112 100

64 76.2 59.0 88.4

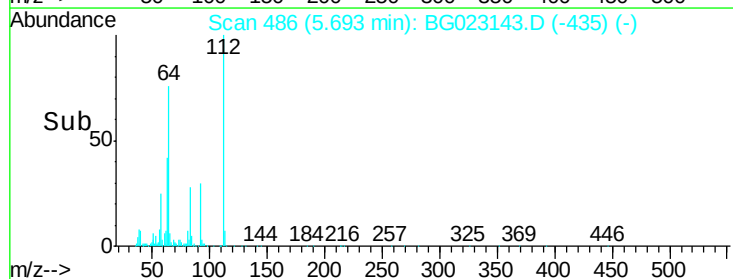
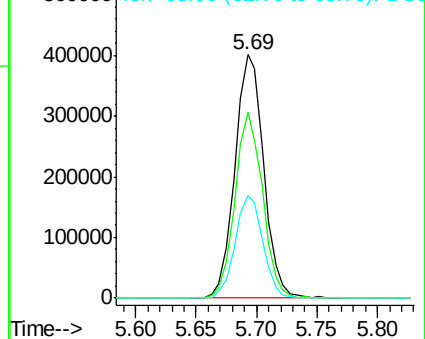
63 42.3 37.8 56.8

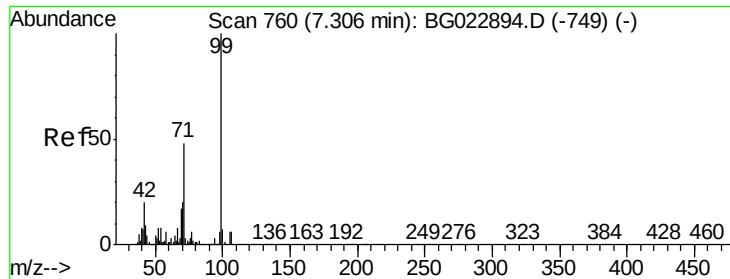


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.56 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

Instrument :

BNA_G

ClientSampleId :

C5-15

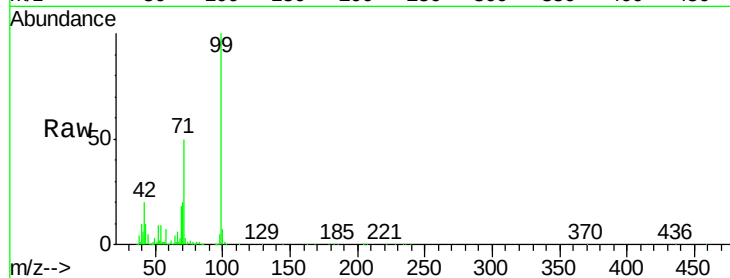
Tgt Ion: 99 Resp: 1071023

Ion Ratio Lower Upper

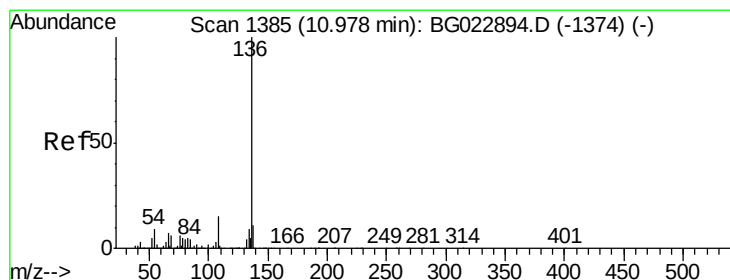
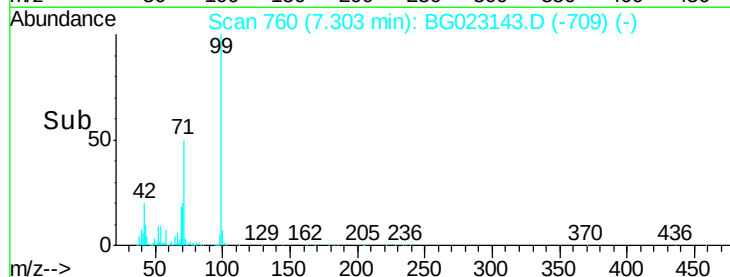
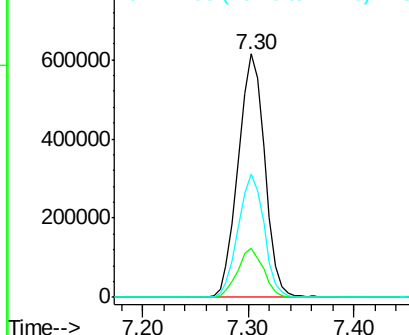
99 100

42 20.3 17.8 26.6

71 50.4 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: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

Tgt Ion: 136 Resp: 435951

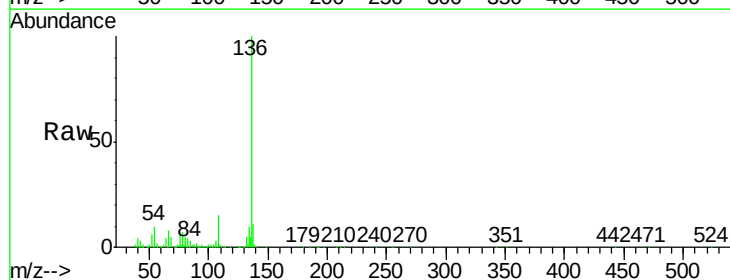
Ion Ratio Lower Upper

136 100

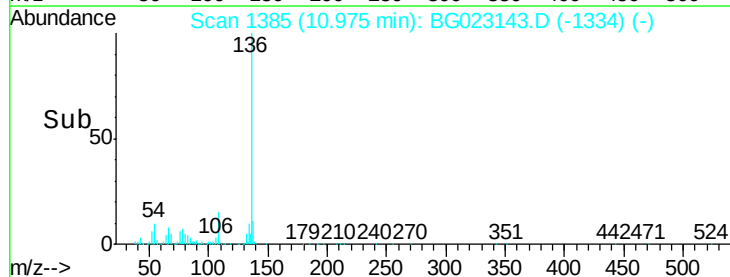
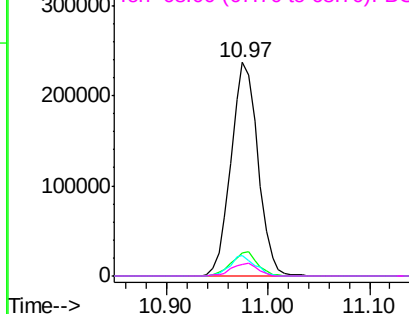
137 11.0 9.6 14.4

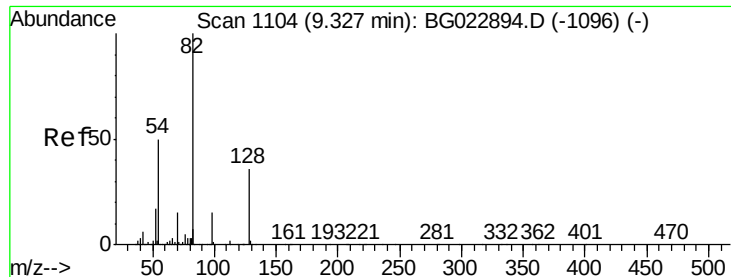
54 9.5 7.3 10.9

68 5.4 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

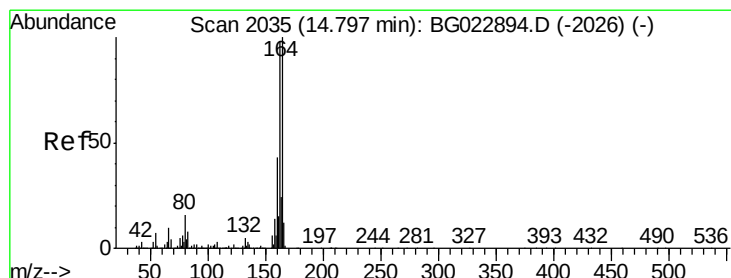
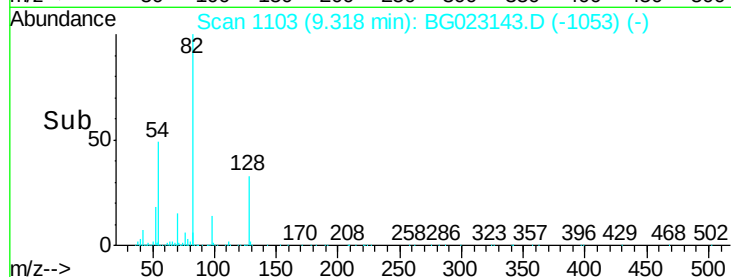
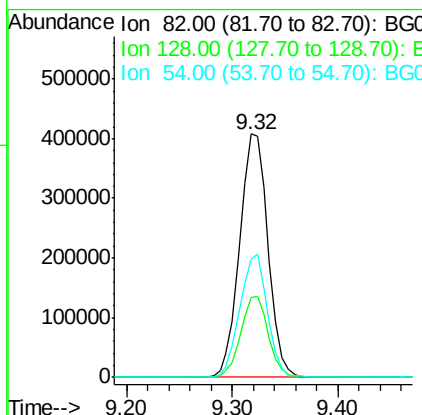
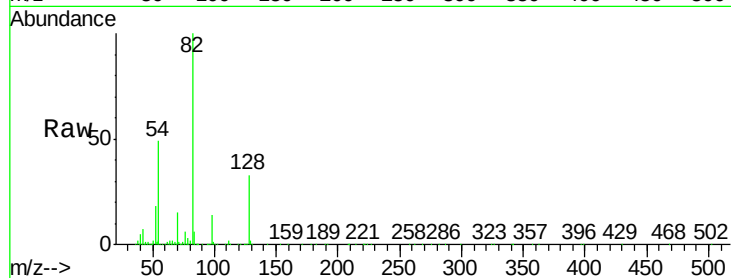




#23
 Nitrobenzene-d5
 Concen: 74.23 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023143.D
 Acq: 16 Jul 2016 12:19

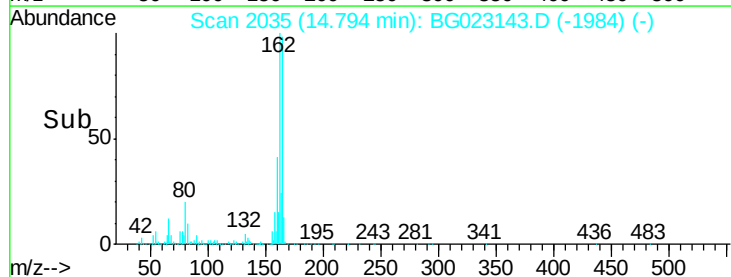
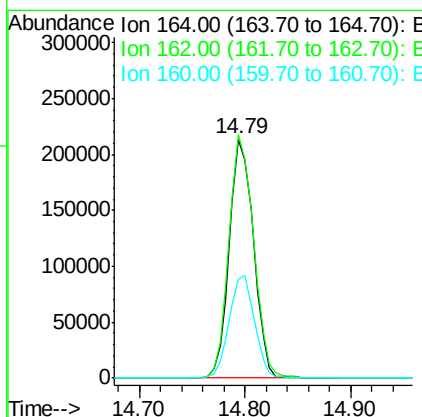
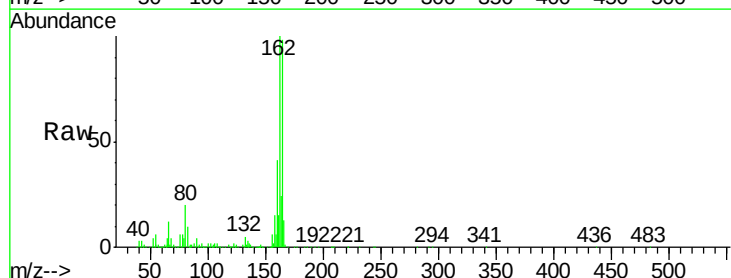
Instrument :
 BNA_G
 ClientSampleId :
 C5-15

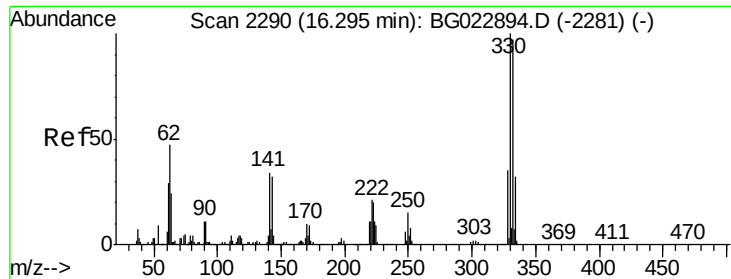
Tgt Ion: 82 Resp: 755743
 Ion Ratio Lower Upper
 82 100
 128 33.0 24.4 36.6
 54 48.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023143.D
 Acq: 16 Jul 2016 12:19

Tgt Ion: 164 Resp: 337411
 Ion Ratio Lower Upper
 164 100
 162 101.9 87.7 131.5
 160 41.5 37.2 55.8

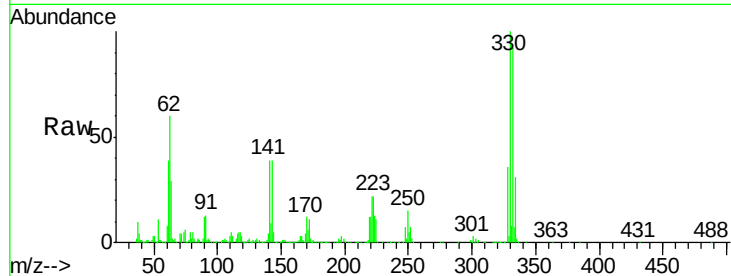




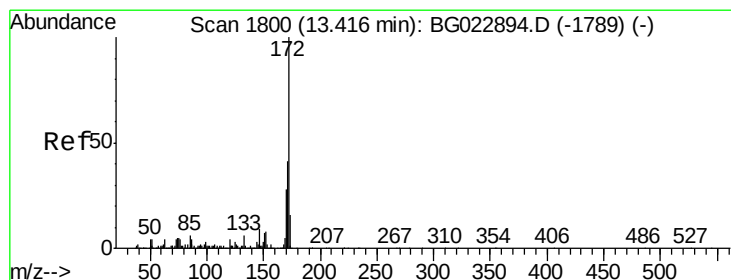
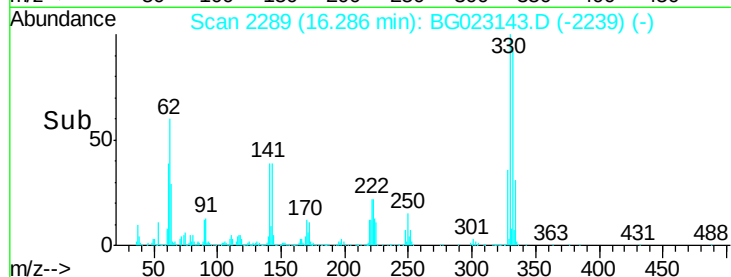
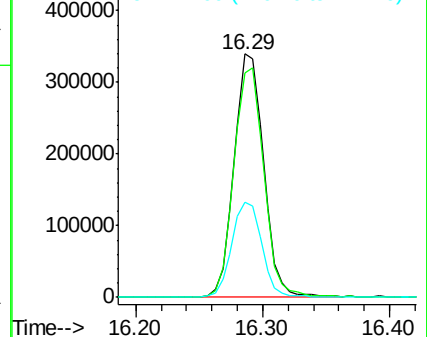
#41
 2,4,6-Tribromophenol
 Concen: 89.98 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023143.D
 Acq: 16 Jul 2016 12:19

Instrument :
 BNA_G
 ClientSampleId :
 C5-15

Tgt Ion:330 Resp: 545646
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 39.6 31.7 47.5

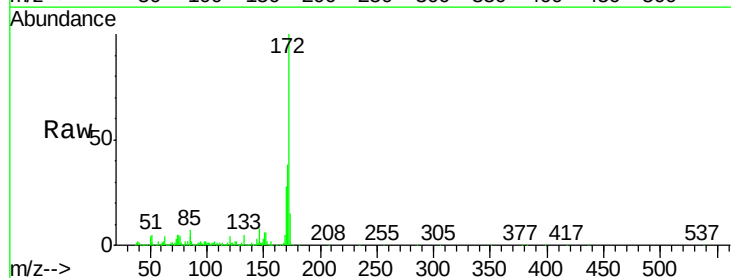


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

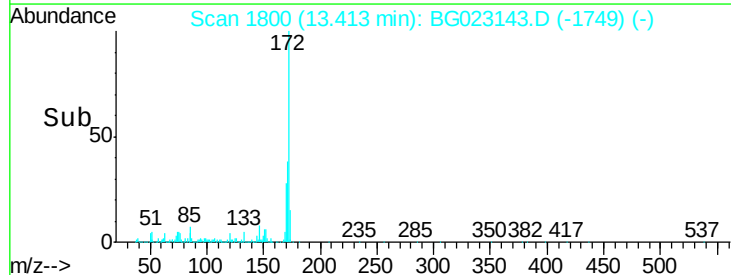
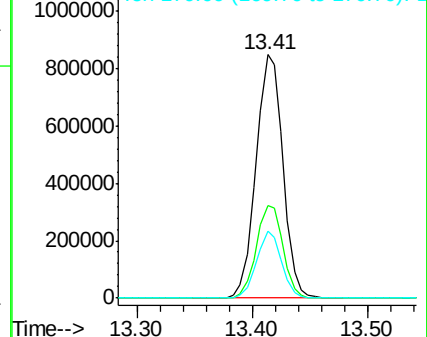


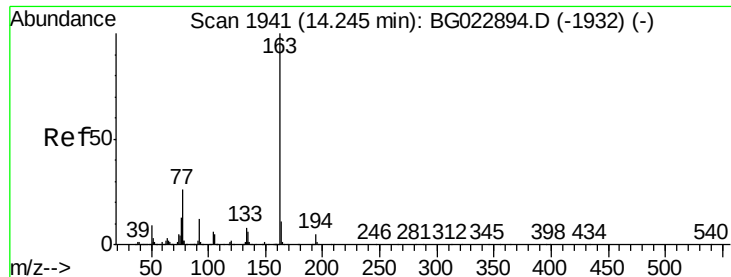
#44
 2-Fluorobiphenyl
 Concen: 64.22 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023143.D
 Acq: 16 Jul 2016 12:19

Tgt Ion:172 Resp: 1375646
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.6 47.4
 170 27.7 21.3 31.9



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: 21.82 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

Instrument :

BNA_G

ClientSampleId :

C5-15

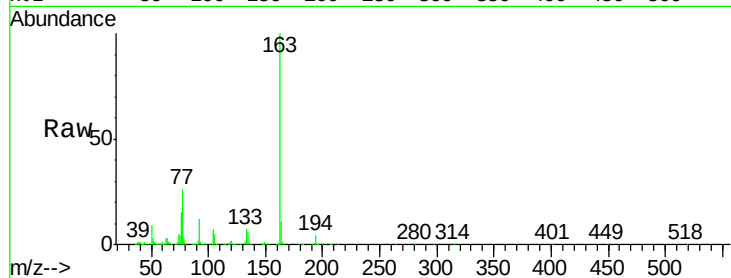
Tgt Ion:163 Resp: 601437

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

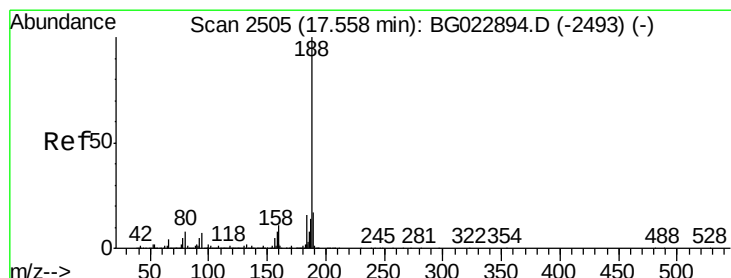
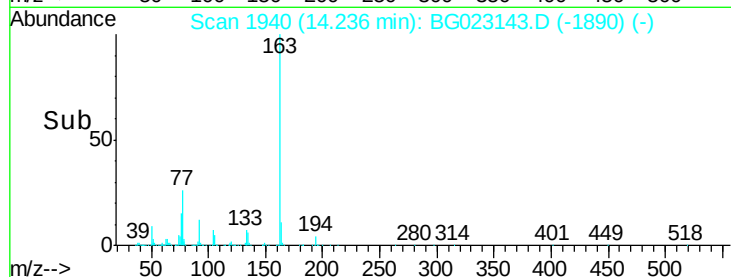
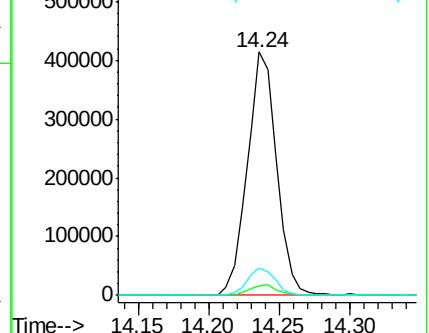
164 11.3 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

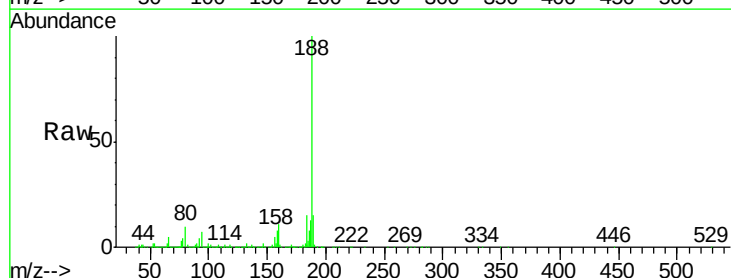
Tgt Ion:188 Resp: 826006

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

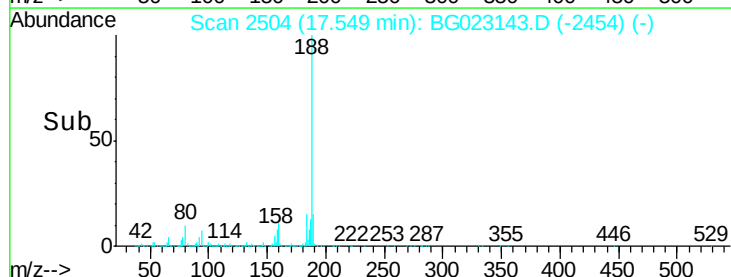
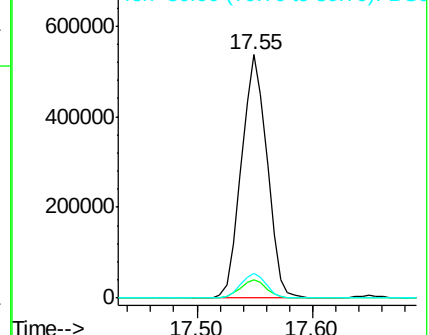
80 10.0 7.2 10.8

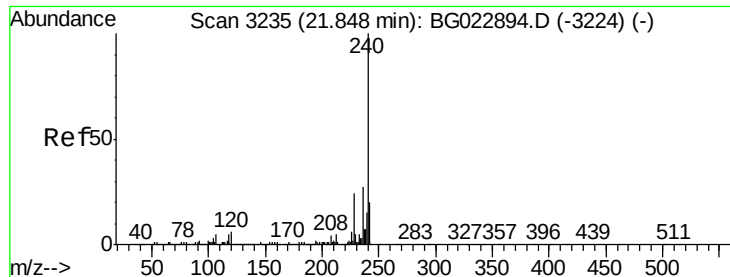


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3236

Delta R.T. 0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

Instrument :

BNA_G

ClientSampleId :

C5-15

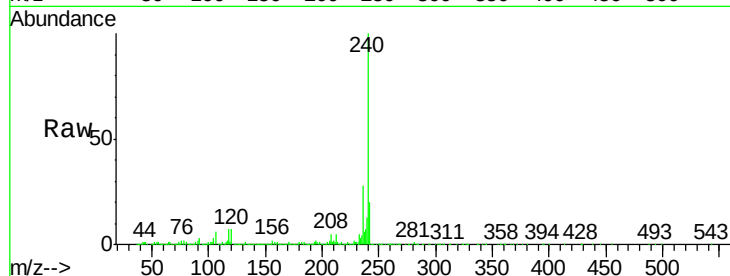
Tgt Ion:240 Resp: 915889

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

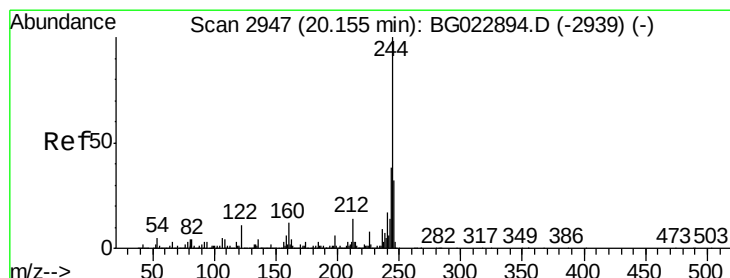
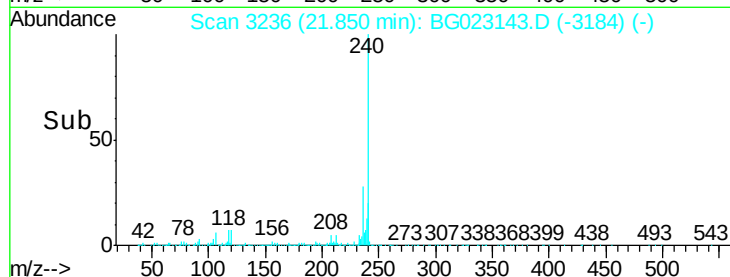
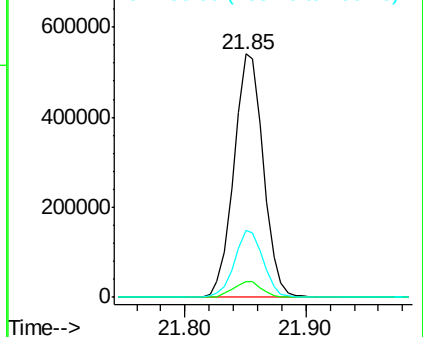
236 27.7 21.1 31.7



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: 60.27 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023143.D

Acq: 16 Jul 2016 12:19

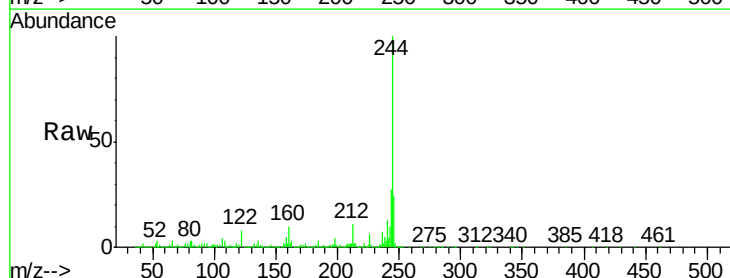
Tgt Ion:244 Resp: 1949516

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

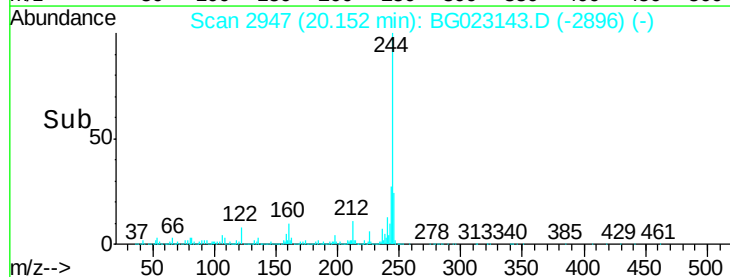
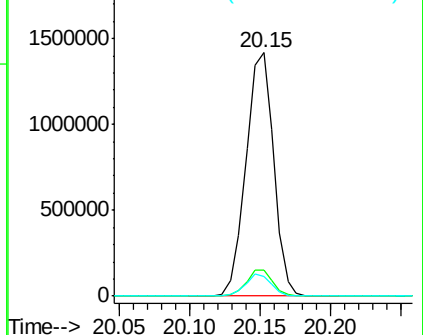
122 8.2 8.0 12.0

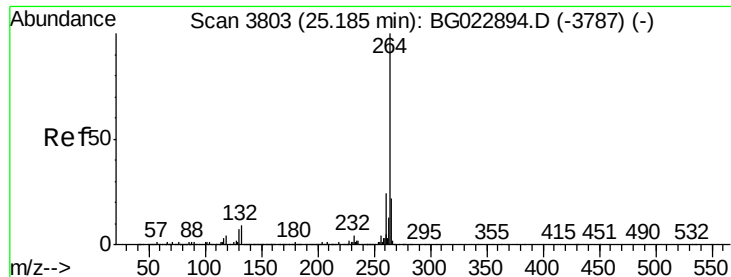


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811

Delta R.T. 0.04 min

Lab File: BG023143.D

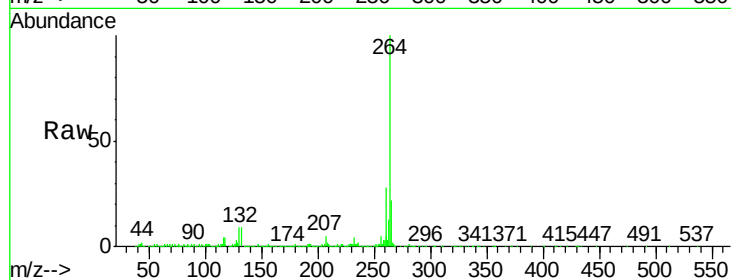
Acq: 16 Jul 2016 12:19

Instrument :

BNA_G

ClientSampleId :

C5-15



Tgt Ion: 264 Resp: 906147

Ion Ratio Lower Upper

264 100

260 28.1 18.4 27.6#

265 22.1 18.9 28.3

