

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023141.D
 Acq On : 16 Jul 2016 10:58
 Operator : UM/SJ
 Sample : H4016-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-17

Quant Time: Jul 18 01:18:57 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

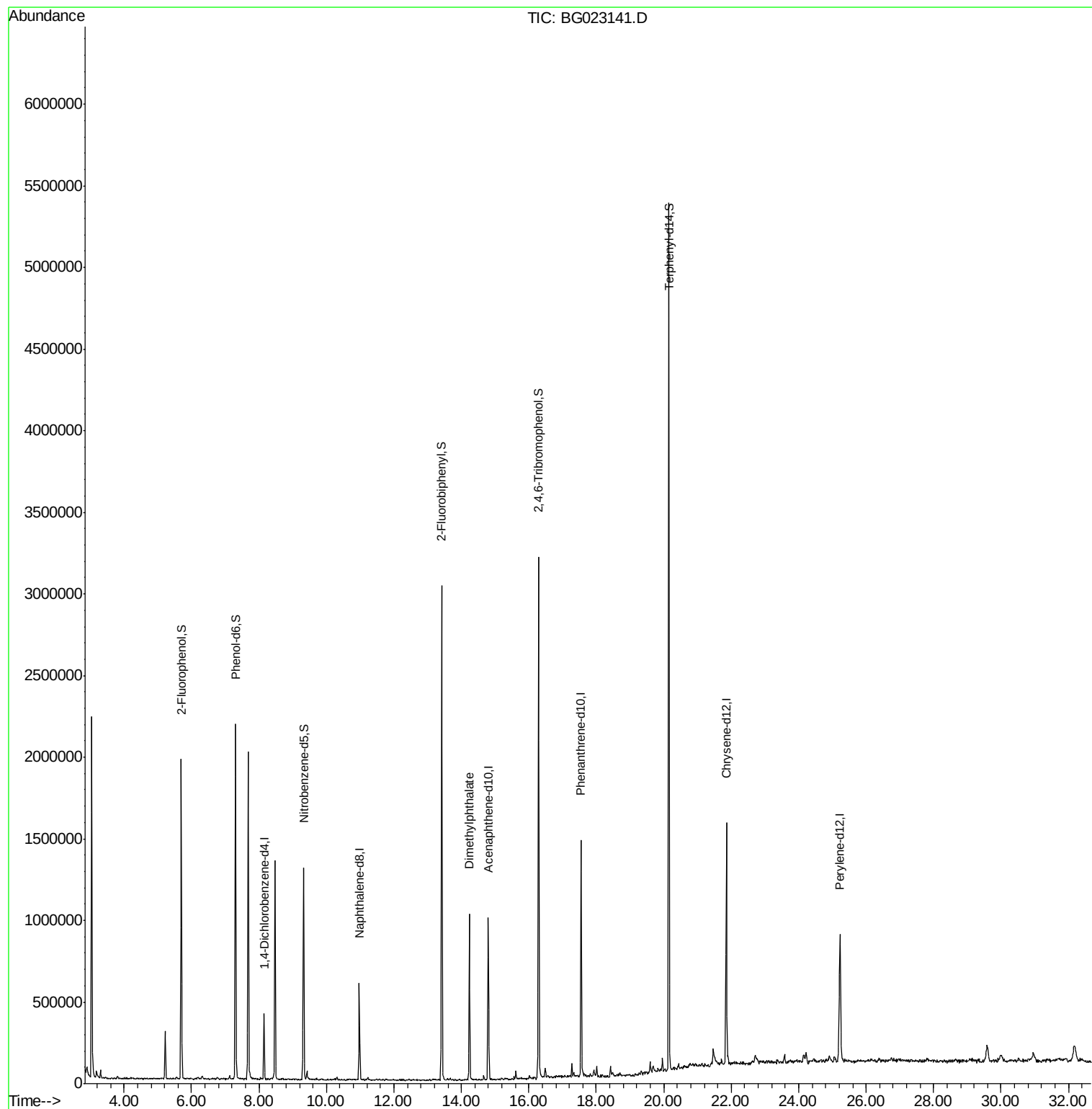
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99898	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	455878	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348992	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	850391	20.00	ng	0.00
75) Chrysene-d12	21.86	240	936850	20.00	ng	0.00
86) Perylene-d12	25.22	264	933724	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	766631	125.51	ng	0.00
7) Phenol-d6	7.30	99	1210234	126.50	ng	0.00
23) Nitrobenzene-d5	9.32	82	852577	80.08	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	594356	94.76	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1539884	69.50	ng	0.00
78) Terphenyl-d14	20.15	244	2155712	67.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	627067	22.00	ng	Qvalue 98

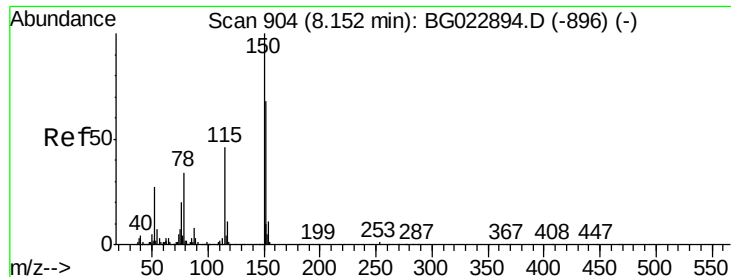
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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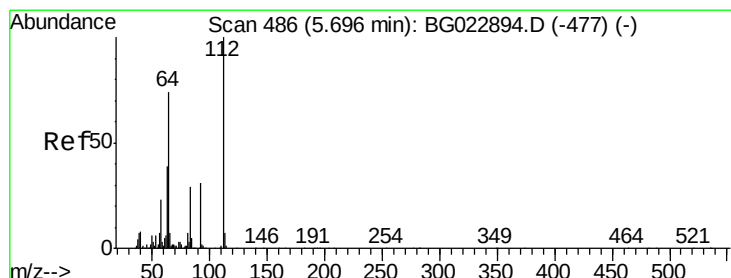
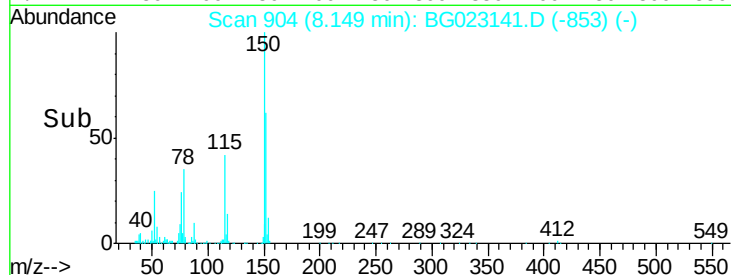
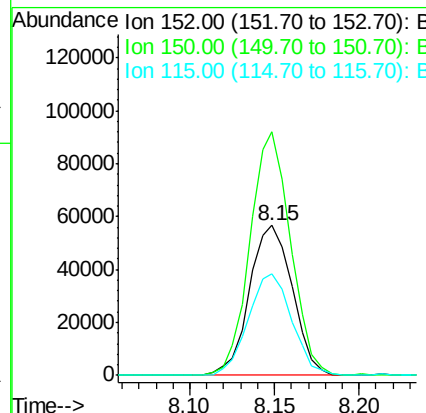
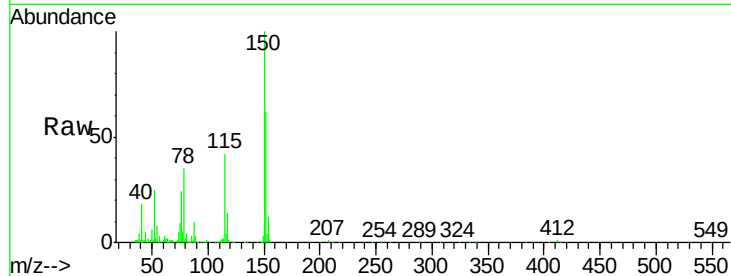


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Instrument :
BNA_G
ClientSampleId :
C5-17

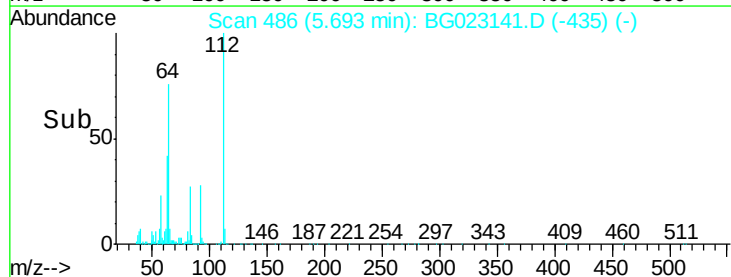
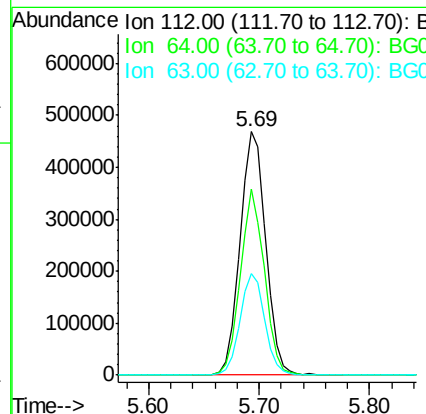
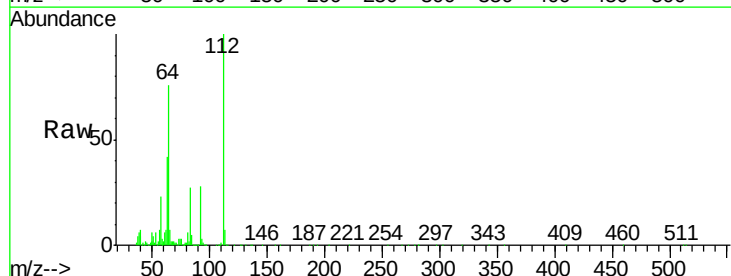
Tgt Ion:152 Resp: 99898
Ion Ratio Lower Upper
152 100
150 162.2 144.7 217.1
115 67.6 64.0 96.0

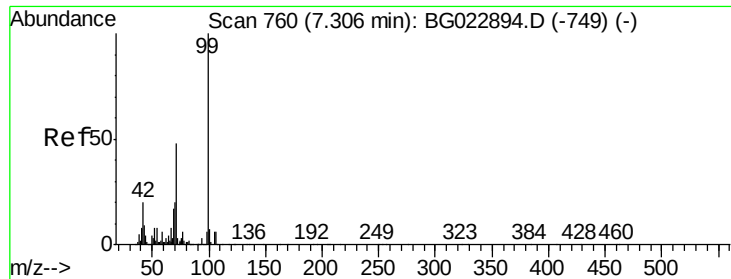


#5

2-Fluorophenol
Concen: 125.51 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023141.D
Acq: 16 Jul 2016 10:58

Tgt Ion:112 Resp: 766631
Ion Ratio Lower Upper
112 100
64 76.3 59.0 88.4
63 41.5 37.8 56.8





#7

Phenol-d6

Concen: 126.50 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023141.D

Acq: 16 Jul 2016 10:58

Instrument :

BNA_G

ClientSampleId :

C5-17

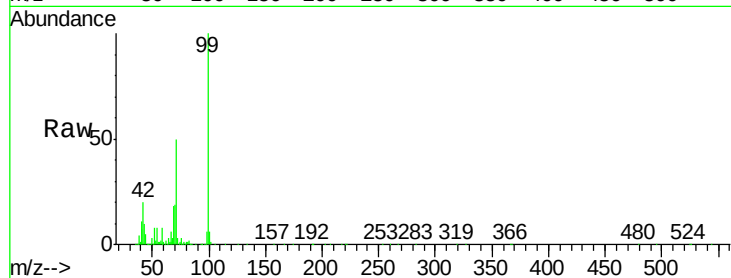
Tgt Ion: 99 Resp: 1210234

Ion Ratio Lower Upper

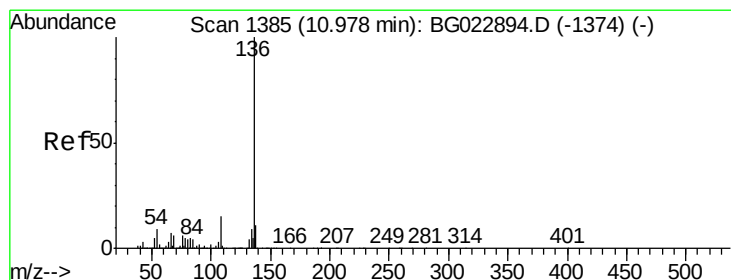
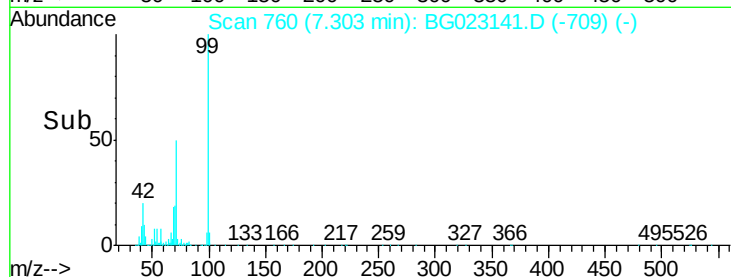
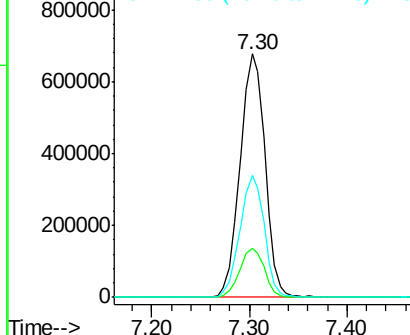
99 100

42 20.3 17.8 26.6

71 50.0 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: BG023141.D

Acq: 16 Jul 2016 10:58

Tgt Ion: 136 Resp: 455878

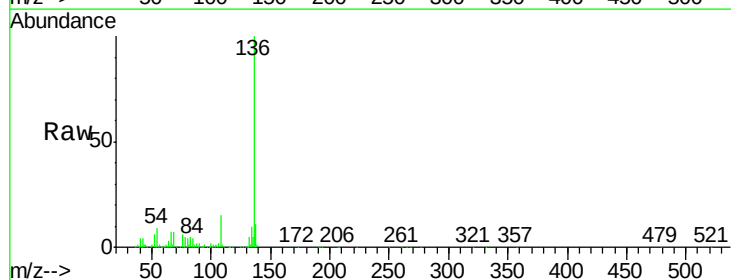
Ion Ratio Lower Upper

136 100

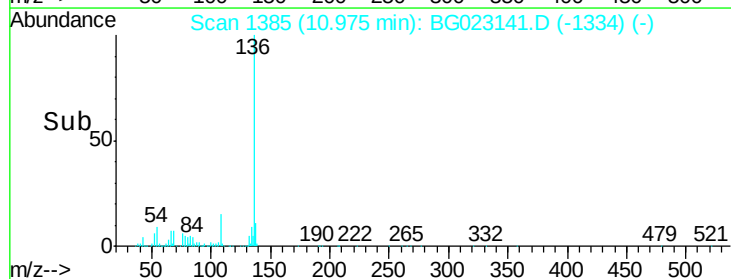
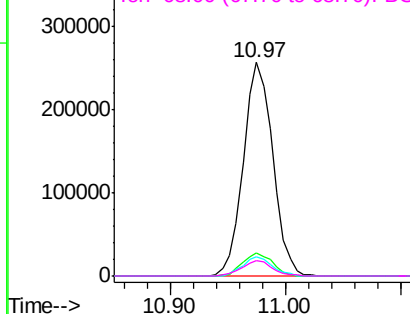
137 10.8 9.6 14.4

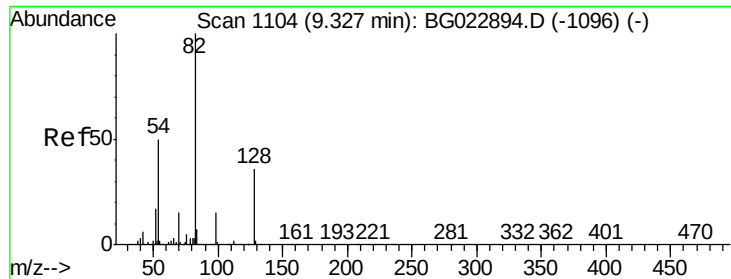
54 9.1 7.3 10.9

68 7.1 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

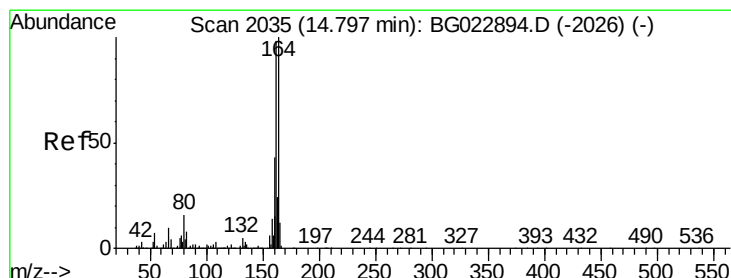
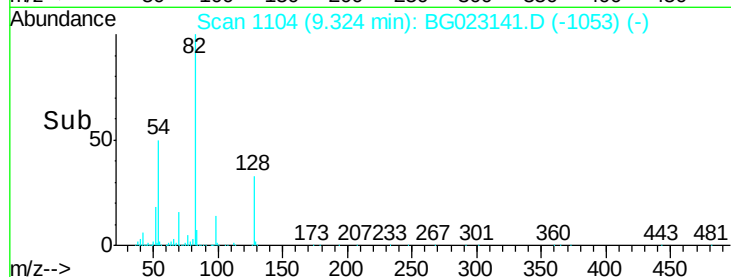
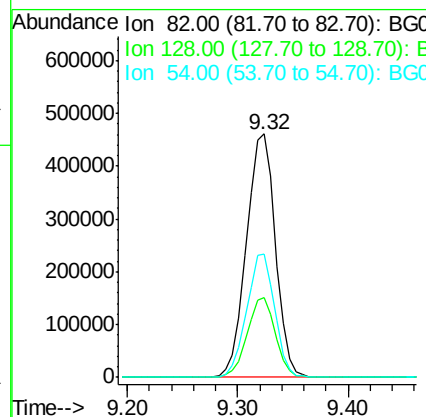
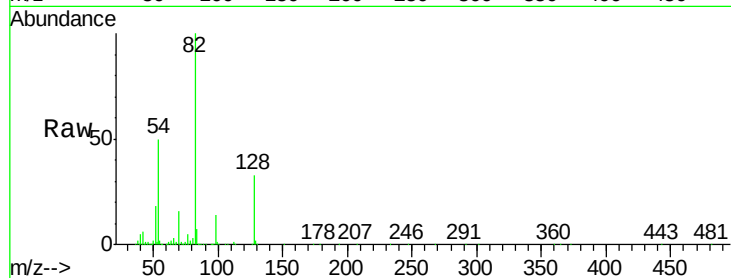




#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023141.D
 Acq: 16 Jul 2016 10:58

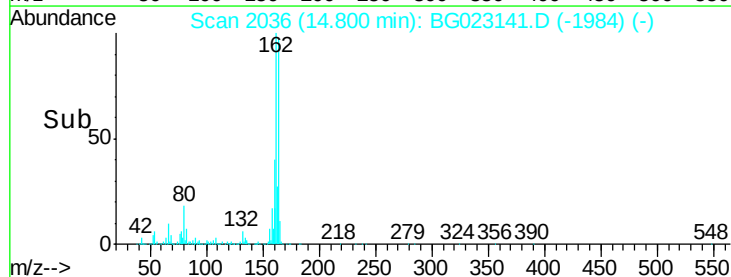
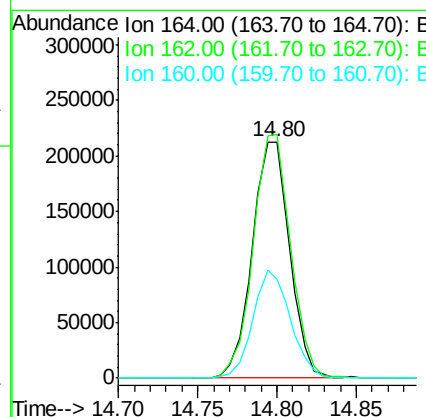
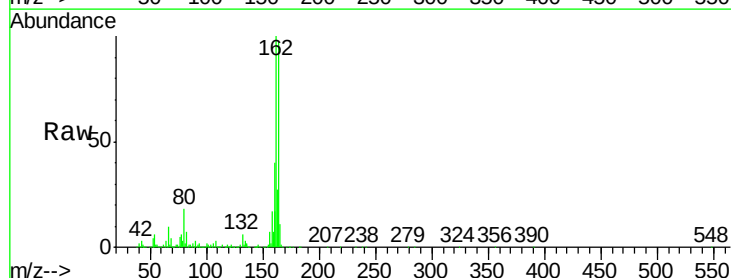
Instrument :
 BNA_G
 ClientSampleId :
 C5-17

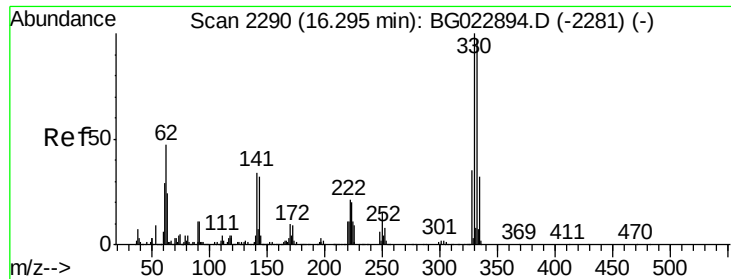
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	50.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023141.D
 Acq: 16 Jul 2016 10:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.7	131.5
160	41.6	37.2	55.8

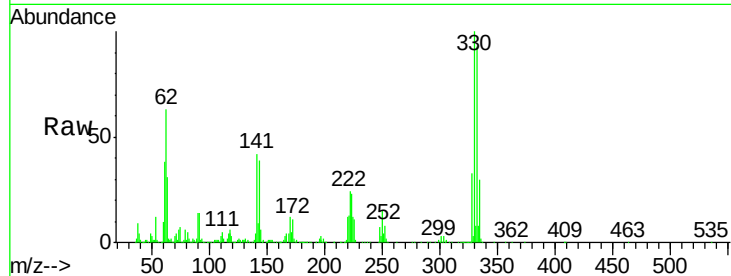




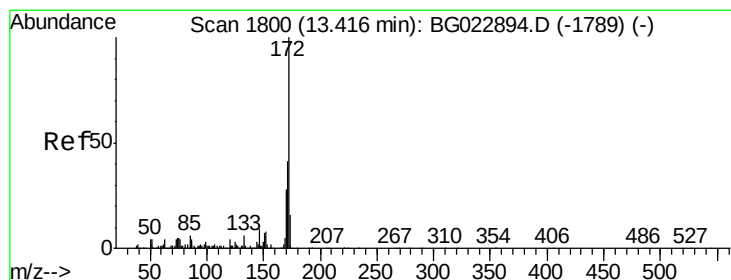
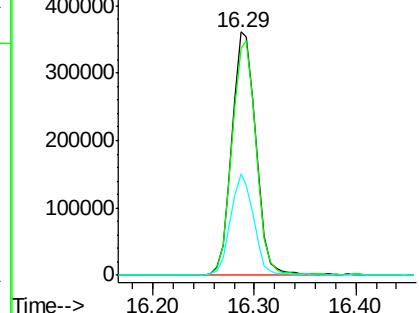
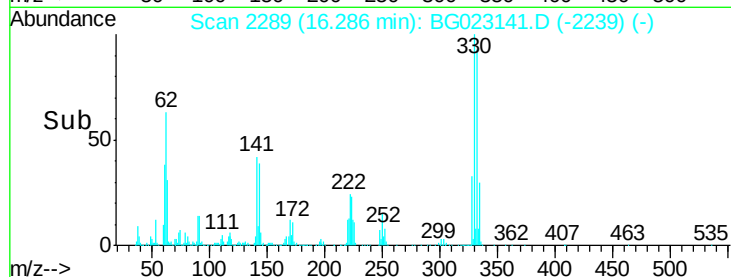
#41
 2,4,6-Tribromophenol
 Concen: 94.76 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023141.D
 Acq: 16 Jul 2016 10:58

Instrument :
 BNA_G
 ClientSampleId :
 C5-17

Tgt Ion:330 Resp: 594356
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 39.9 31.7 47.5

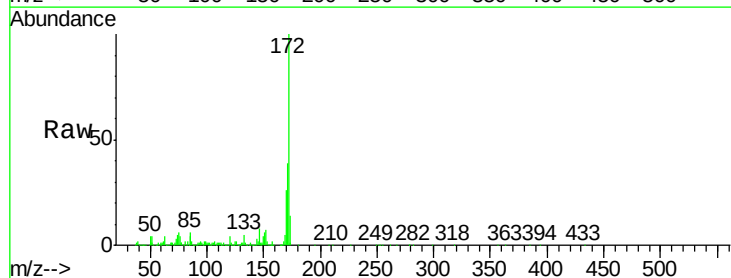


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

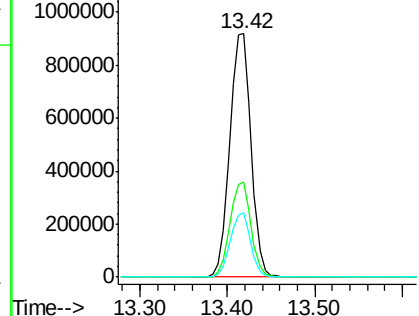
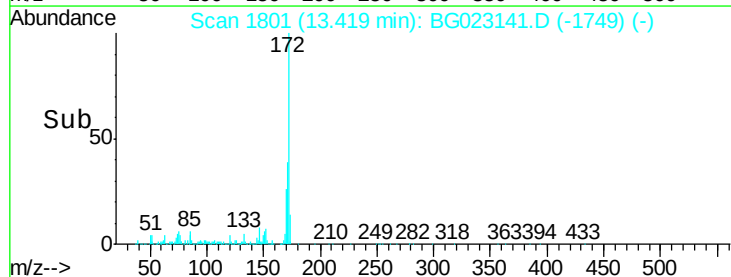


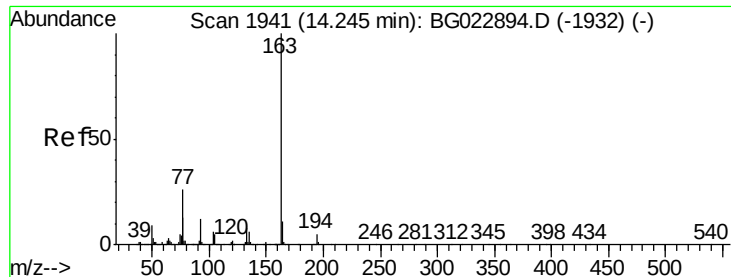
#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023141.D
 Acq: 16 Jul 2016 10:58

Tgt Ion:172 Resp: 1539884
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.6 47.4
 170 26.3 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: 22.00 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023141.D

Acq: 16 Jul 2016 10:58

Instrument :

BNA_G

ClientSampled :

C5-17

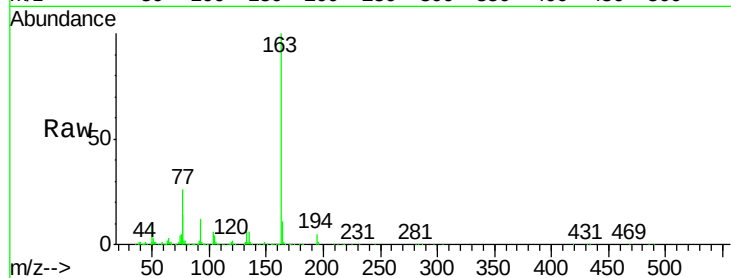
Tgt Ion:163 Resp: 627067

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

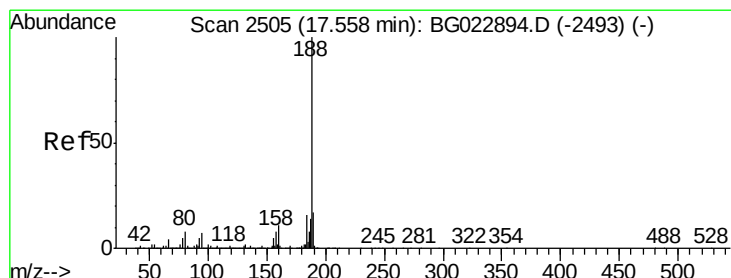
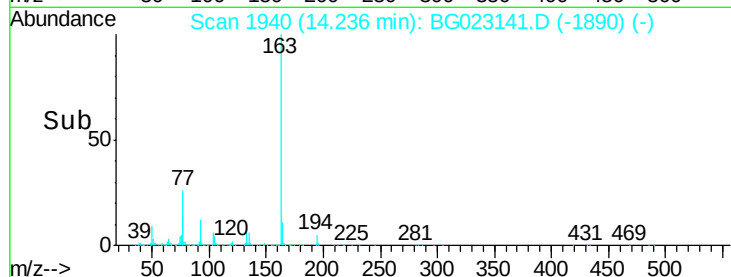
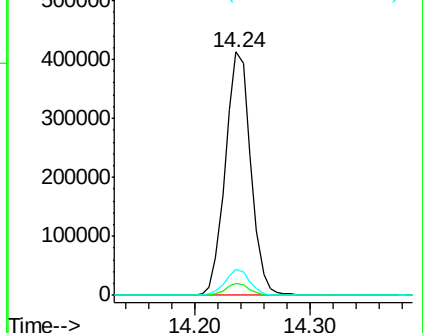
164 10.8 8.1 12.1



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: BG023141.D

Acq: 16 Jul 2016 10:58

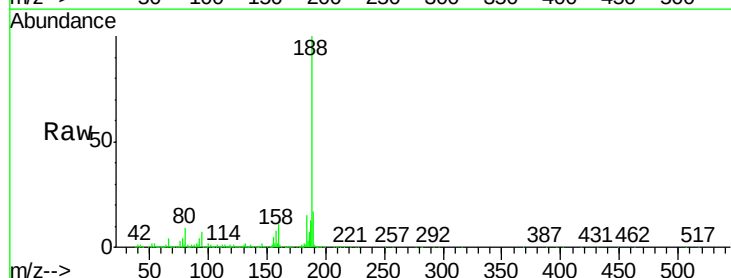
Tgt Ion:188 Resp: 850391

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

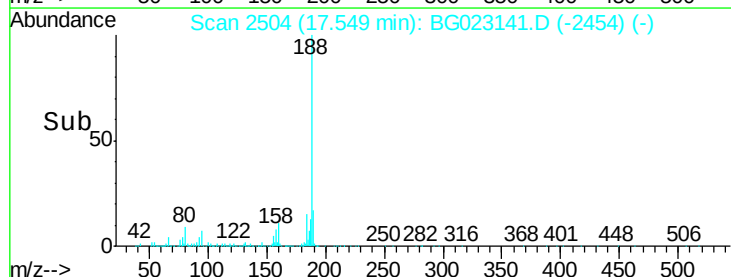
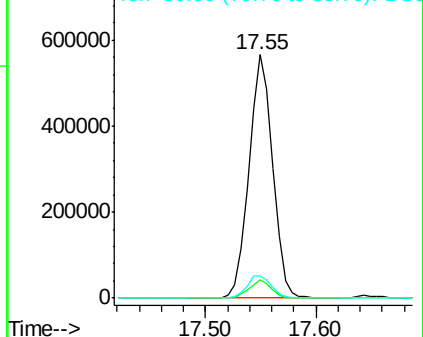
80 9.2 7.2 10.8

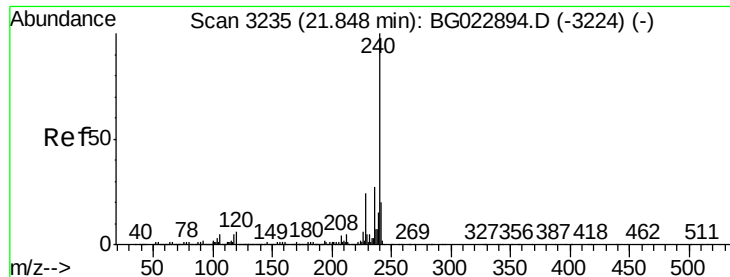


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023141.D

Acq: 16 Jul 2016 10:58

Instrument :

BNA_G

ClientSampleId :

C5-17

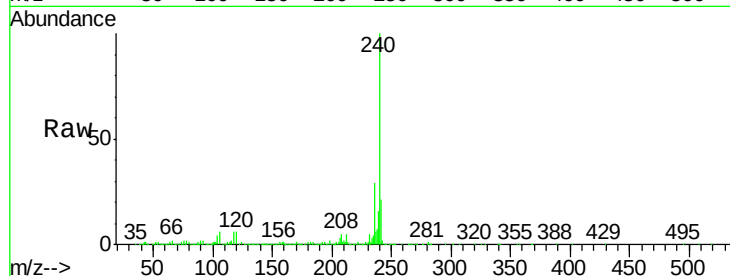
Tgt Ion:240 Resp: 936850

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

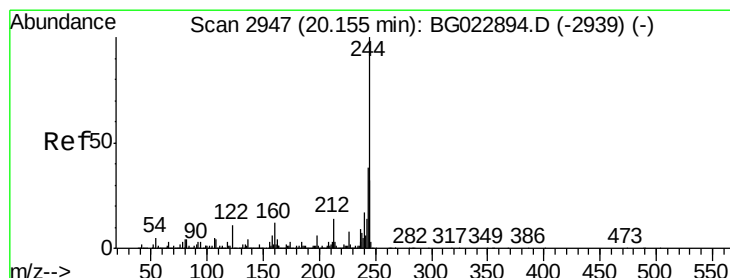
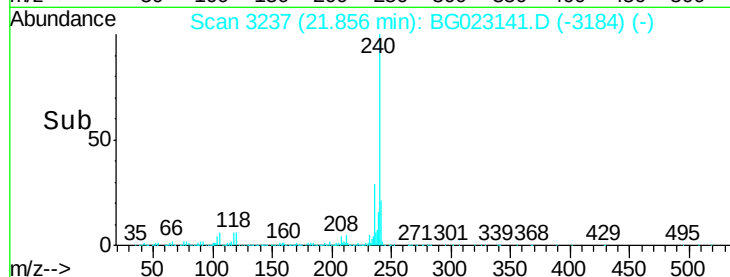
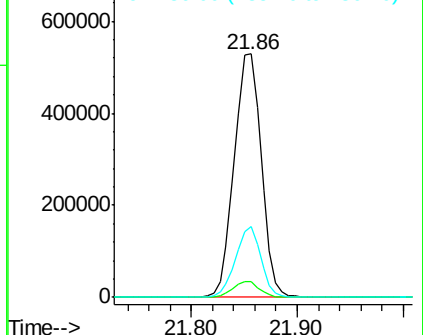
236 29.2 21.1 31.7



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: 67.38 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023141.D

Acq: 16 Jul 2016 10:58

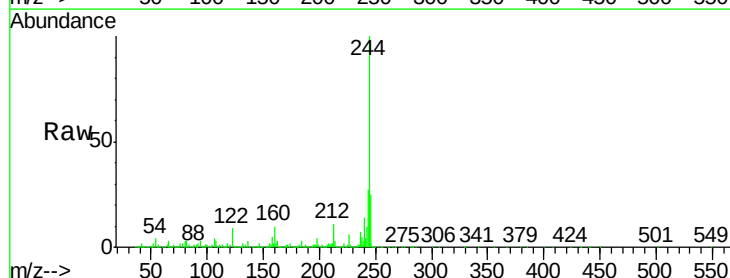
Tgt Ion:244 Resp: 2155712

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

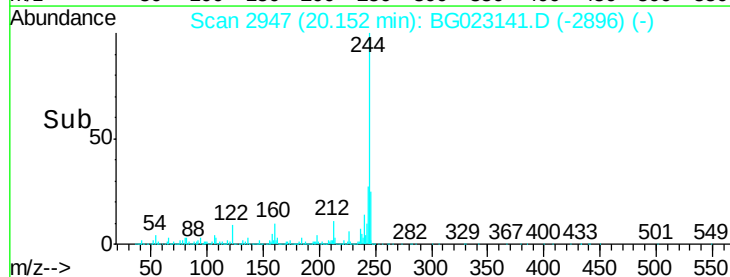
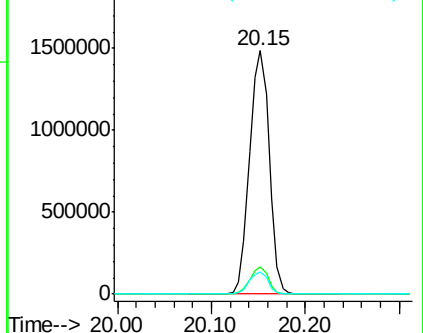
122 9.1 8.0 12.0

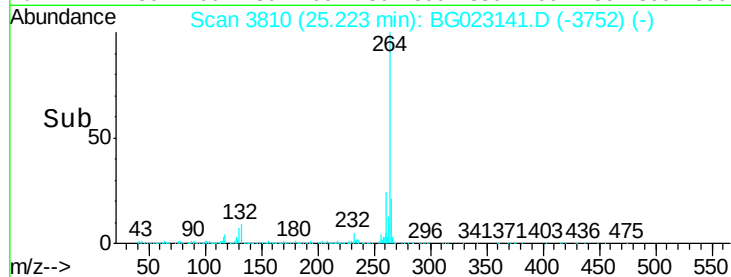
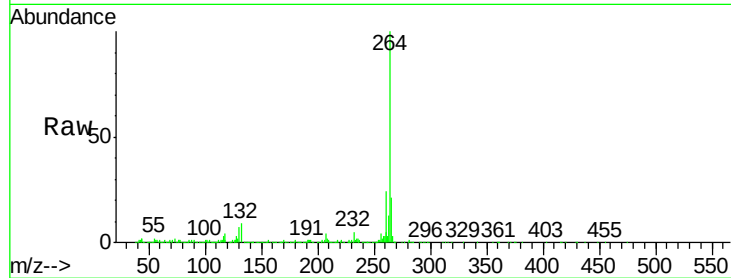
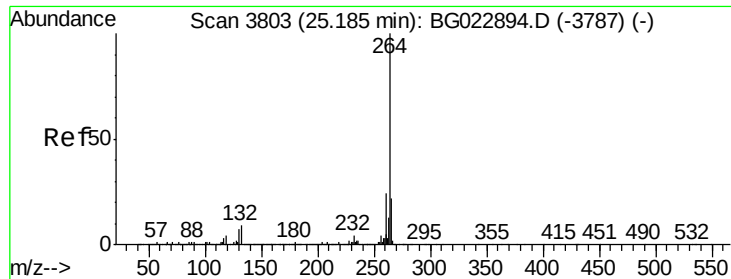


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3810

Delta R.T. 0.04 min

Lab File: BG023141.D

Acq: 16 Jul 2016 10:58

Instrument :

BNA_G

ClientSampleId :

C5-17

Tgt Ion:264 Resp: 933724

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.7 18.9 28.3

