

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023135.D
 Acq On : 16 Jul 2016 6:57
 Operator : UM/SJ
 Sample : H4015-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5-22

Quant Time: Jul 18 01:00:34 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

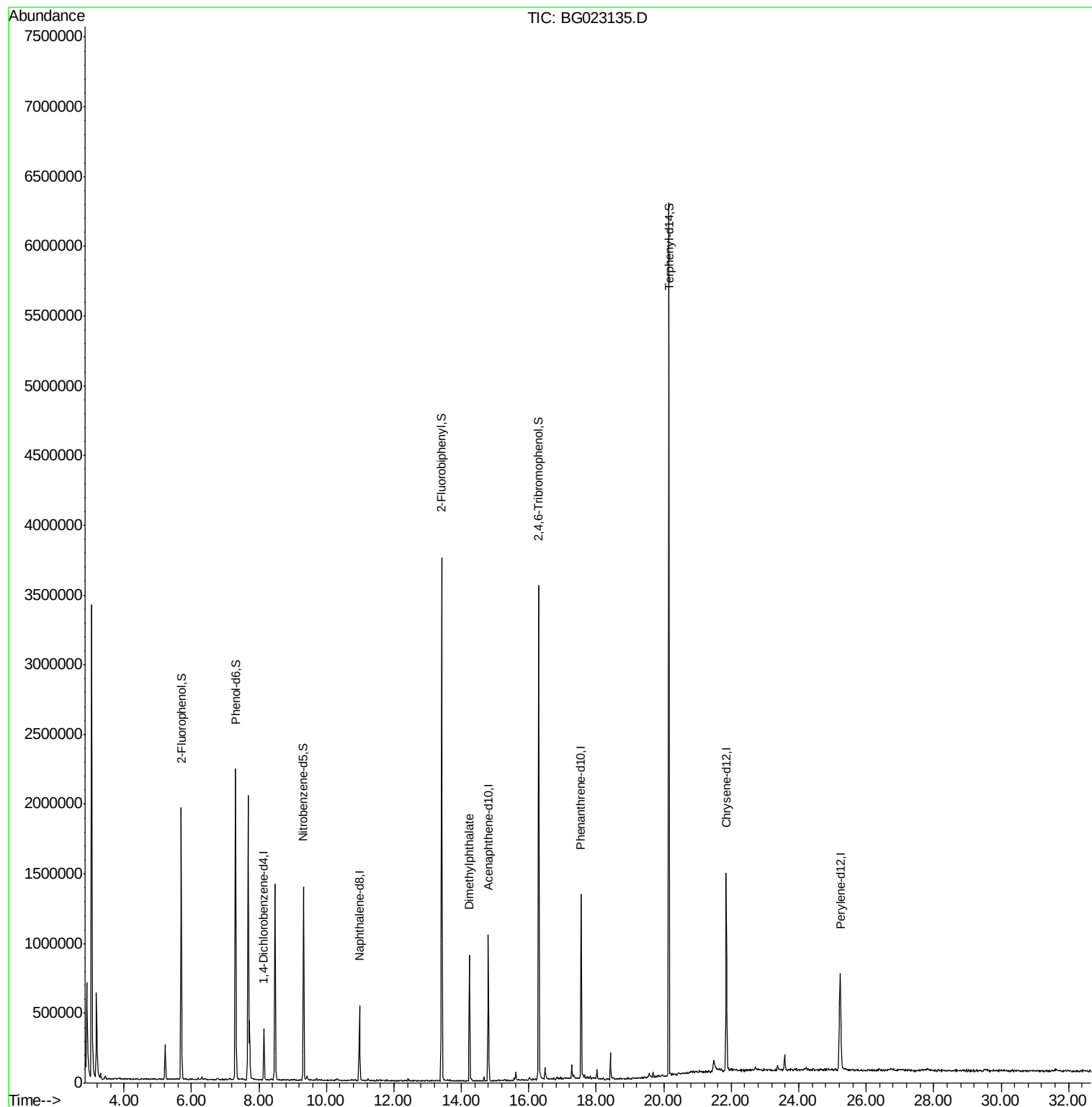
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	90385	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	445341	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	350041	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	820437	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	874330	20.00	ng	0.00
86) Perylene-d12	25.23	264	867391	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	762534	137.98	ng	0.00
7) Phenol-d6	7.31	99	1245489	143.89	ng	0.00
23) Nitrobenzene-d5	9.32	82	903240	86.85	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	630998	100.30	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1800387	81.01	ng	0.00
78) Terphenyl-d14	20.15	244	2369780	86.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	562636	19.68	ng	Qvalue 98

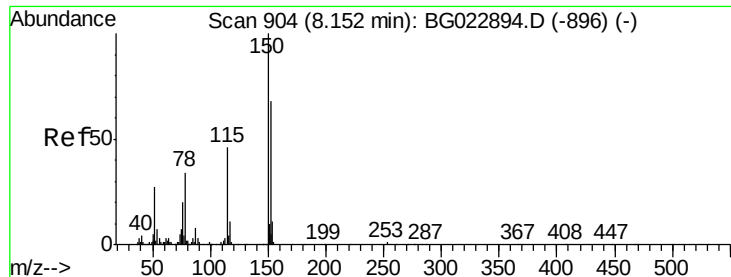
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023135.D

Acq: 16 Jul 2016 6:57

Instrument :

BNA_G

ClientSampleId :

C5-22

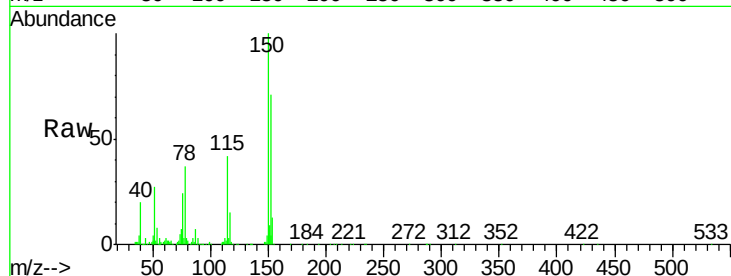
Tgt Ion:152 Resp: 90385

Ion Ratio Lower Upper

152 100

150 140.7 144.7 217.1#

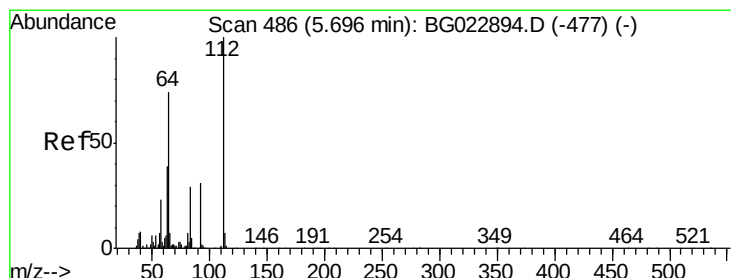
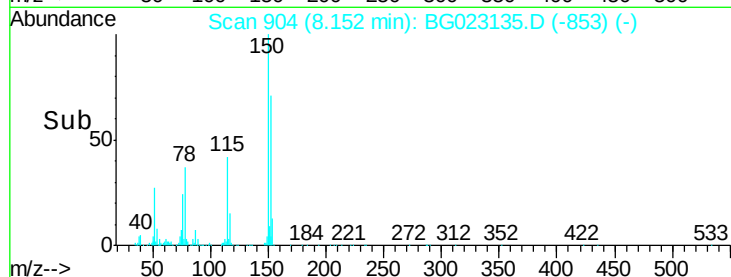
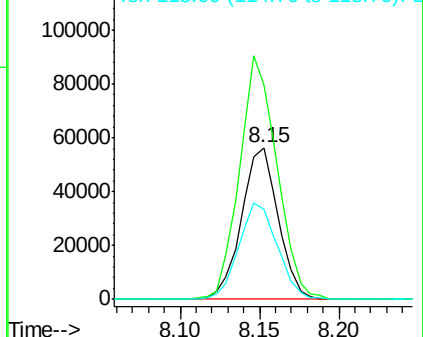
115 59.5 64.0 96.0#



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: 137.98 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

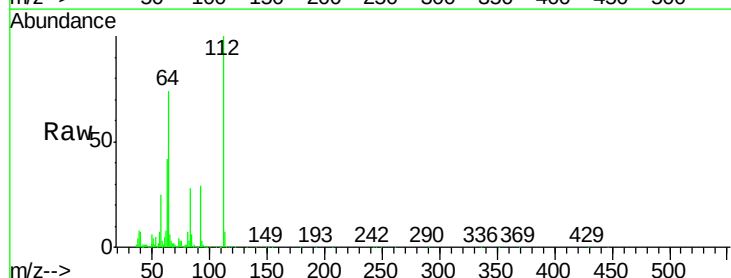
Tgt Ion:112 Resp: 762534

Ion Ratio Lower Upper

112 100

64 73.9 59.0 88.4

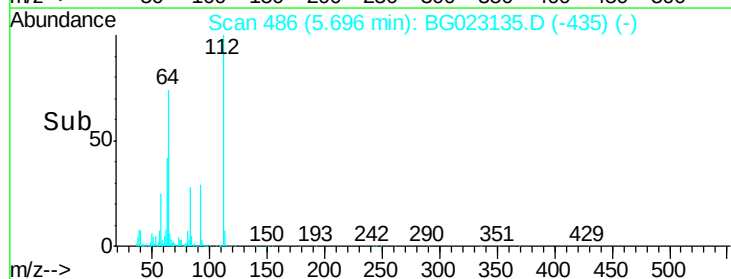
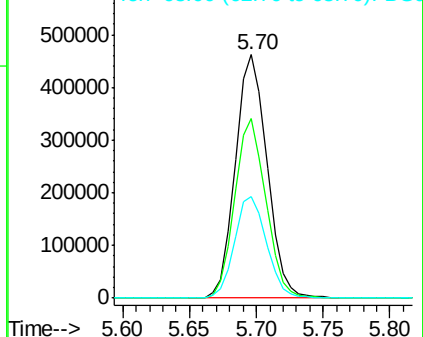
63 41.7 37.8 56.8

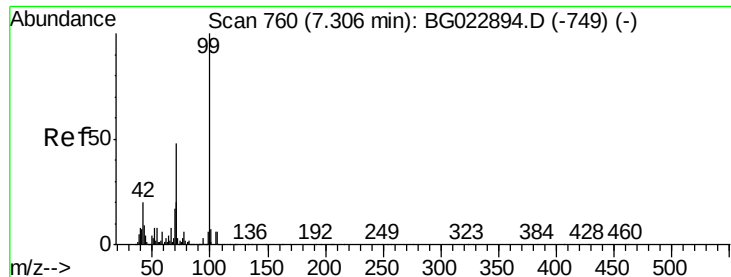


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.89 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

Instrument :

BNA_G

ClientSampleId :

C5-22

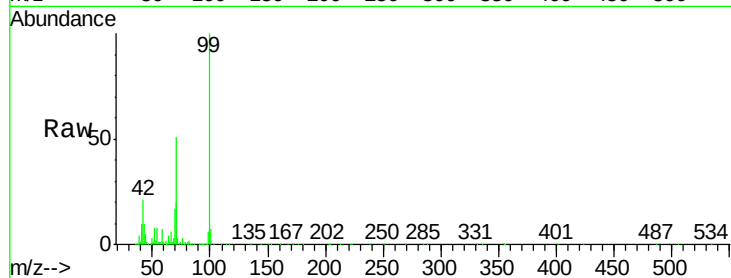
Tgt Ion: 99 Resp: 1245489

Ion Ratio Lower Upper

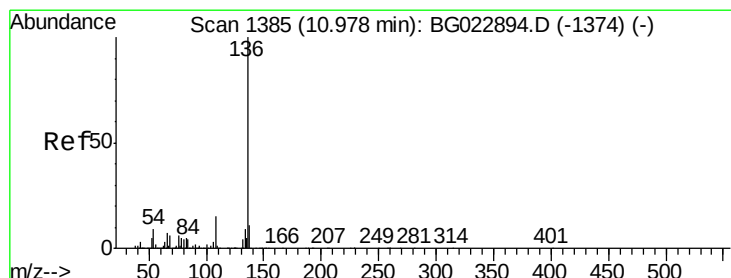
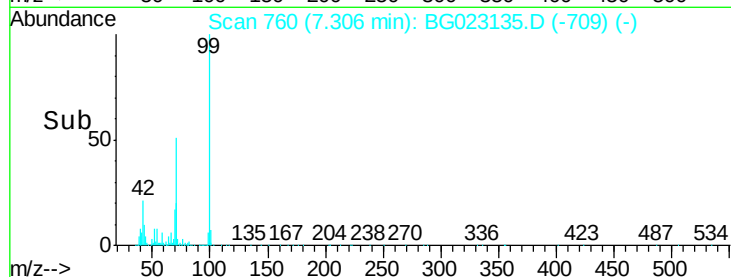
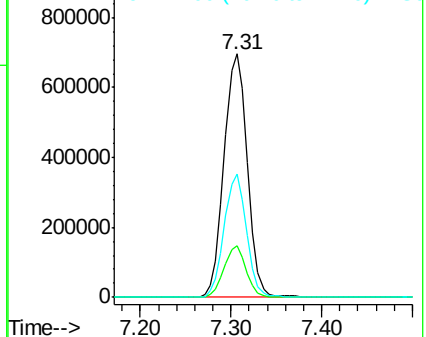
99 100

42 21.2 17.8 26.6

71 50.6 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: BG023135.D

Acq: 16 Jul 2016 6:57

Tgt Ion: 136 Resp: 445341

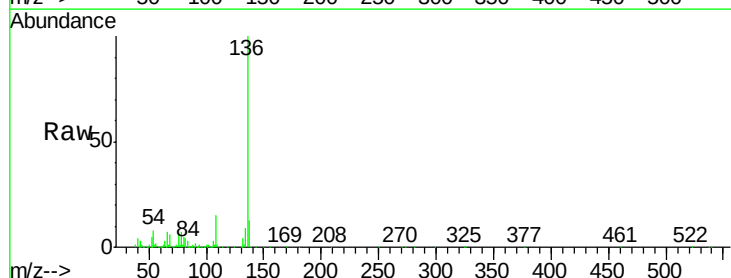
Ion Ratio Lower Upper

136 100

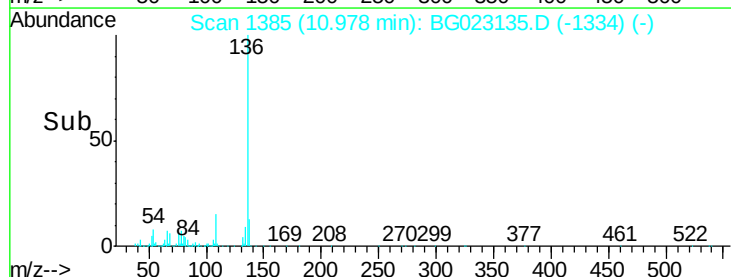
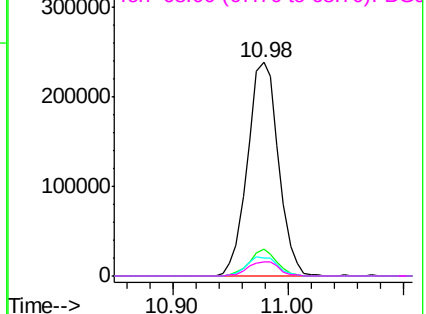
137 12.5 9.6 14.4

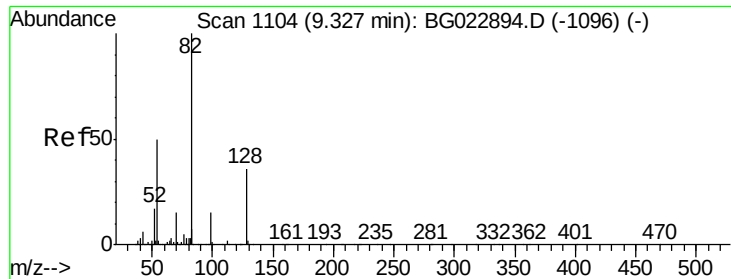
54 8.4 7.3 10.9

68 6.4 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

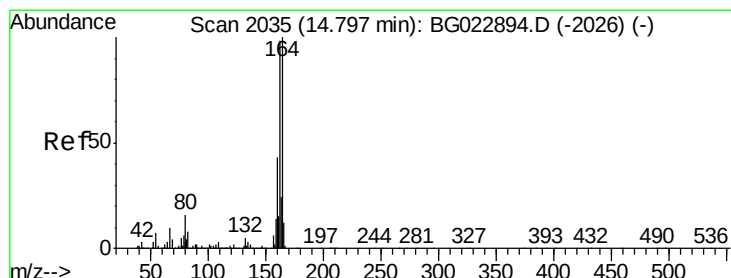
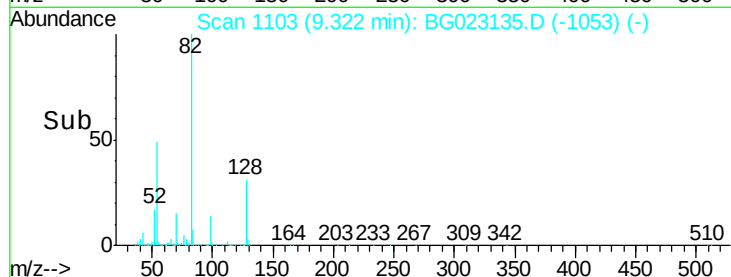
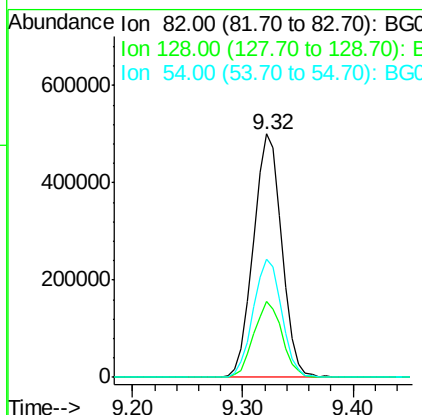
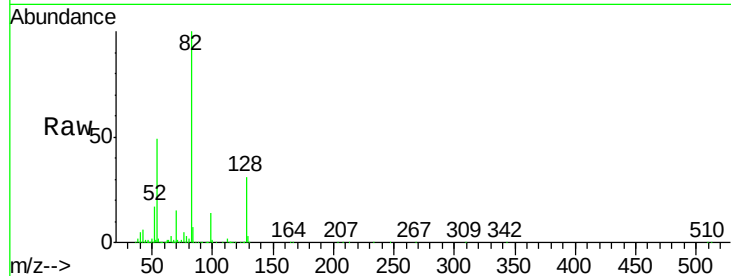




#23
 Nitrobenzene-d5
 Concen: 86.85 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023135.D
 Acq: 16 Jul 2016 6:57

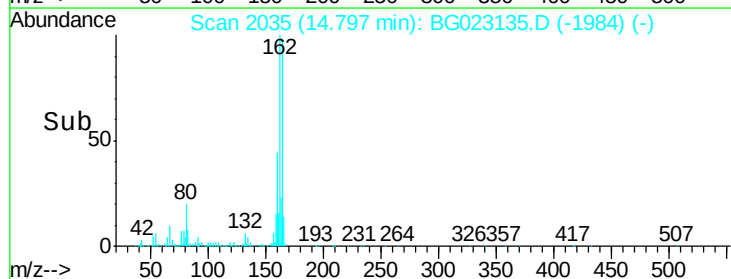
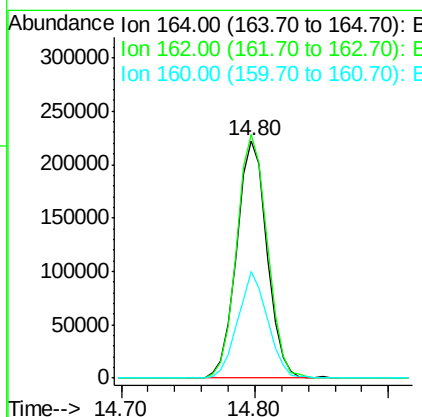
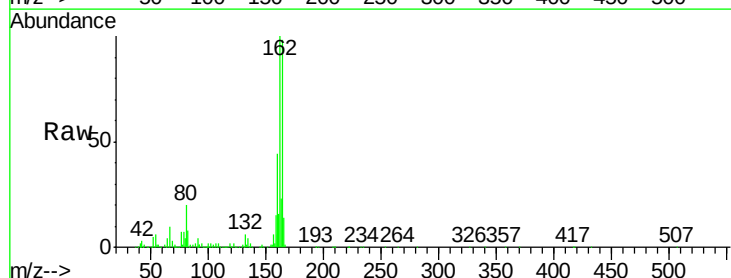
Instrument :
 BNA_G
 ClientSampleId :
 C5-22

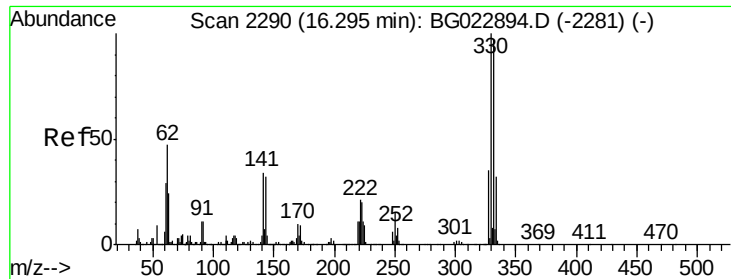
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	48.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG023135.D
 Acq: 16 Jul 2016 6:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	87.7	131.5
160	44.6	37.2	55.8

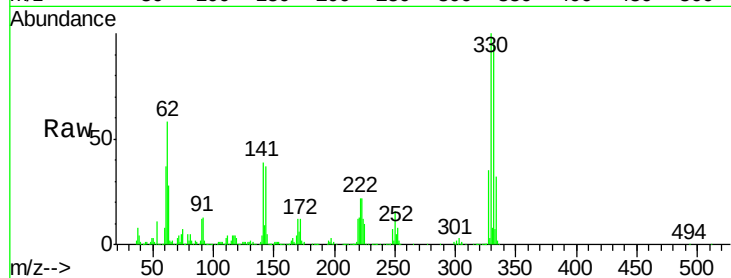




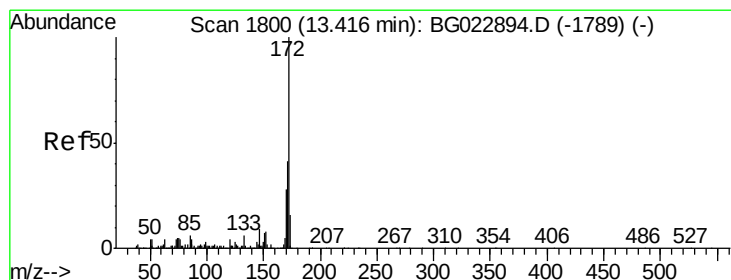
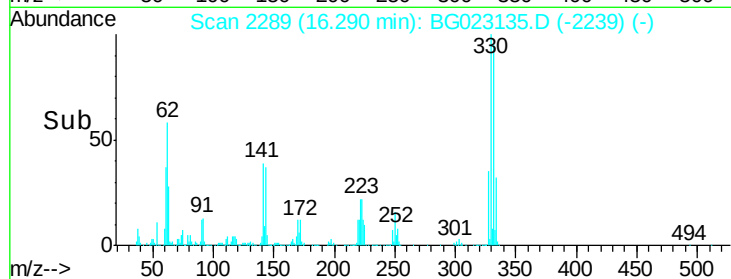
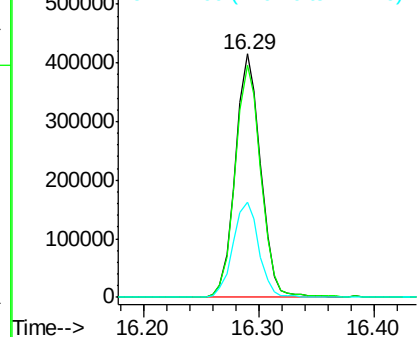
#41
 2,4,6-Tribromophenol
 Concen: 100.30 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG023135.D
 Acq: 16 Jul 2016 6:57

Instrument :
 BNA_G
 ClientSampled :
 C5-22

Tgt Ion:330 Resp: 630998
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 39.7 31.7 47.5

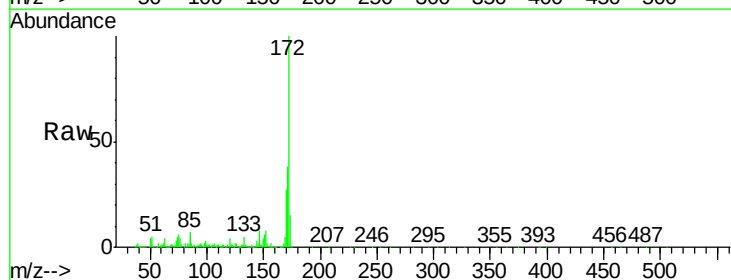


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

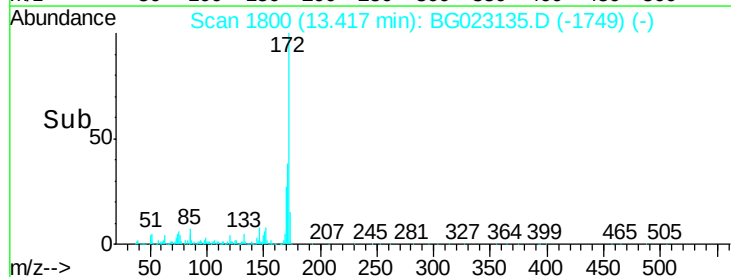
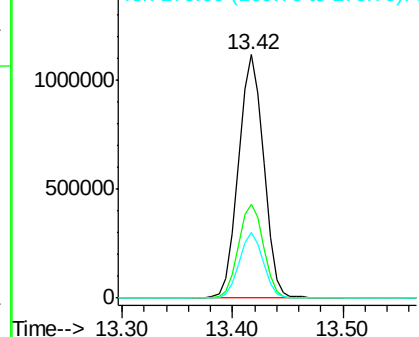


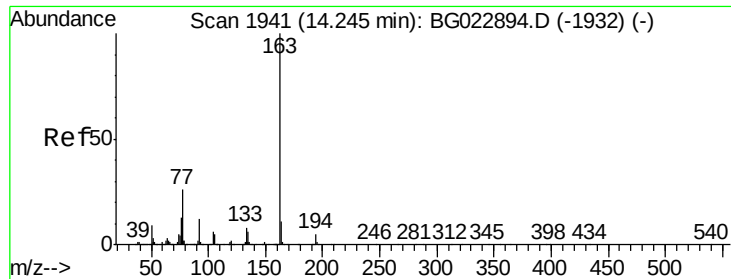
#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023135.D
 Acq: 16 Jul 2016 6:57

Tgt Ion:172 Resp: 1800387
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.6 47.4
 170 27.1 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: 19.68 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

Instrument :

BNA_G

ClientSampleId :

C5-22

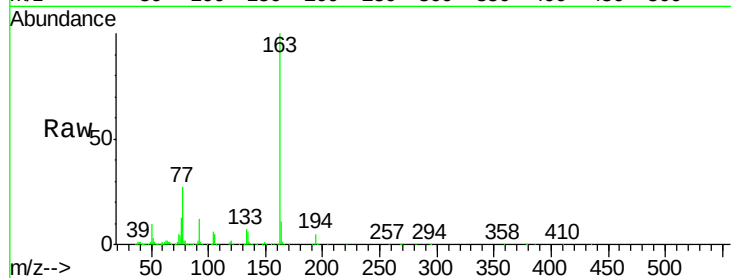
Tgt Ion:163 Resp: 562636

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

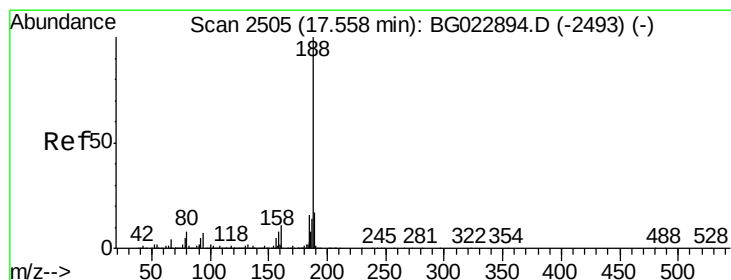
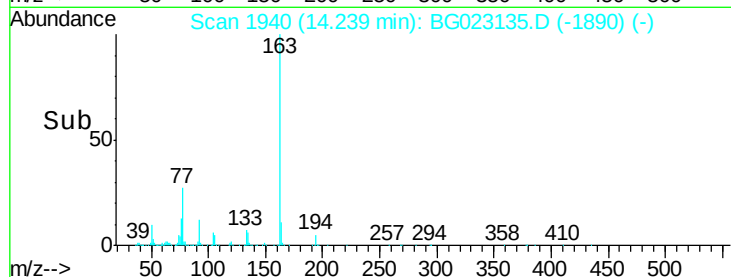
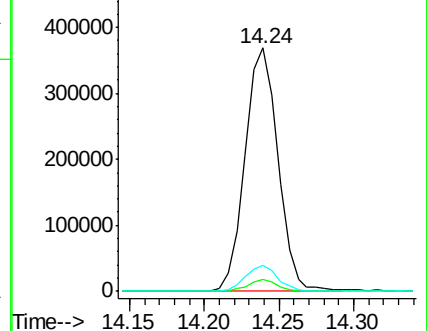
164 10.9 8.1 12.1



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# 2503

Delta R.T. -0.01 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

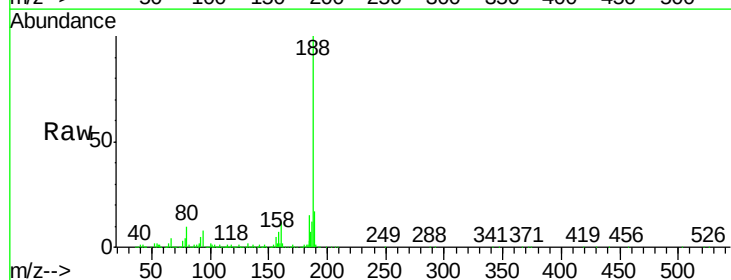
Tgt Ion:188 Resp: 820437

Ion Ratio Lower Upper

188 100

94 7.8 5.2 7.8

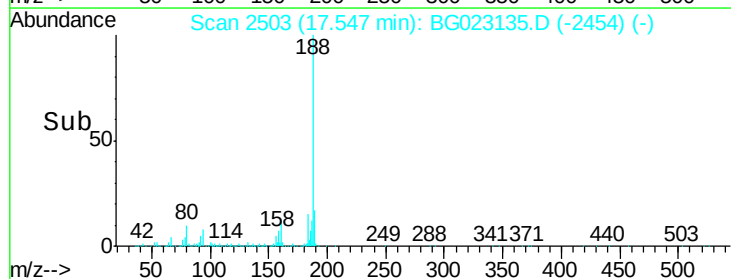
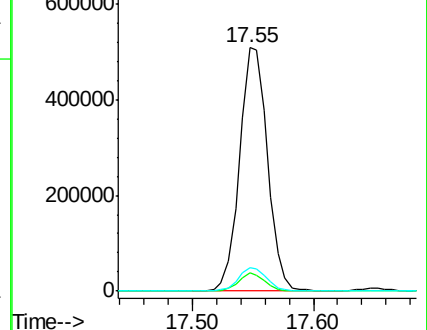
80 9.9 7.2 10.8

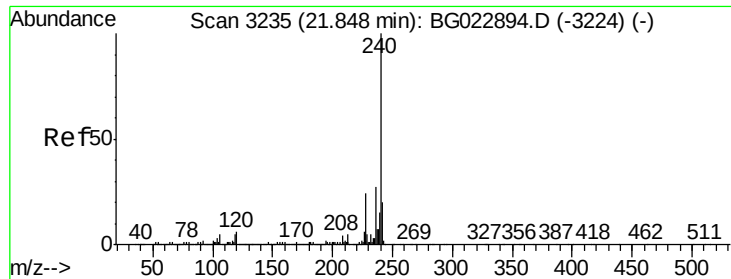


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.01 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

Instrument :

BNA_G

ClientSampleId :

C5-22

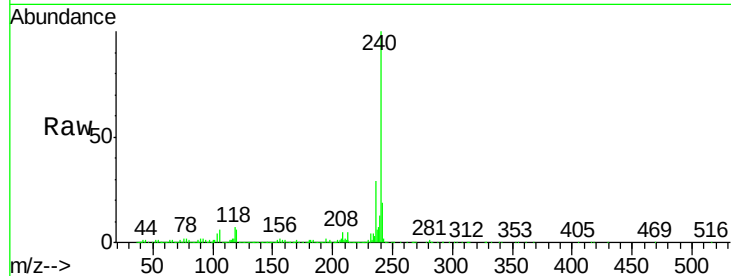
Tgt Ion:240 Resp: 874330

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

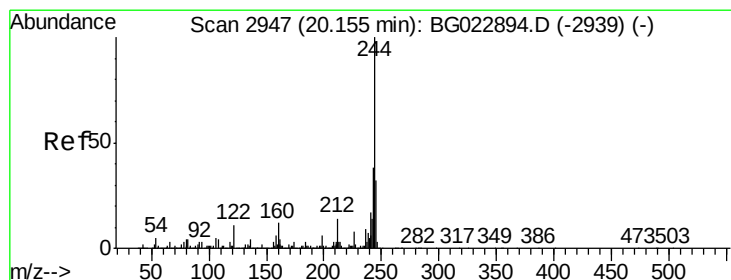
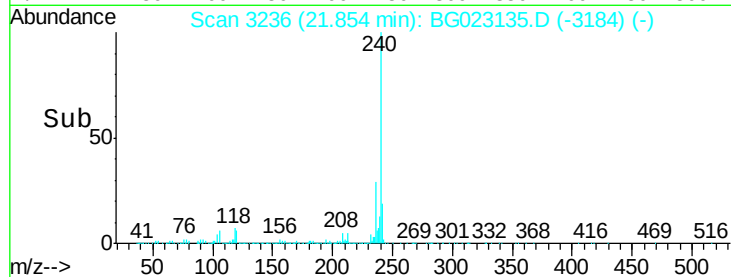
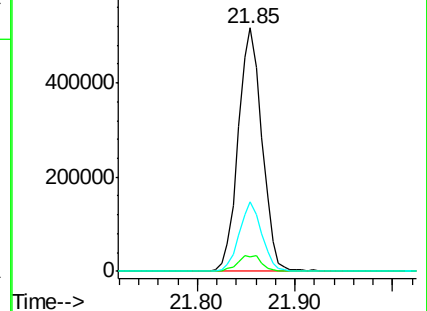
236 28.5 21.1 31.7



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: 86.57 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG023135.D

Acq: 16 Jul 2016 6:57

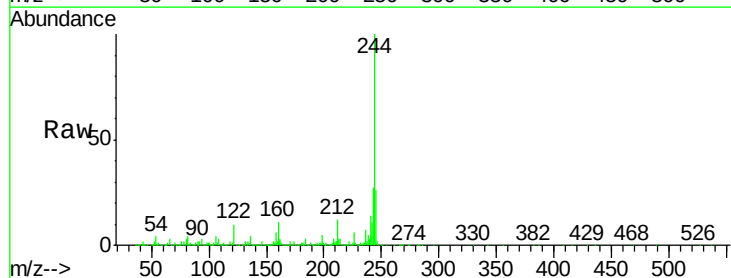
Tgt Ion:244 Resp: 2369780

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

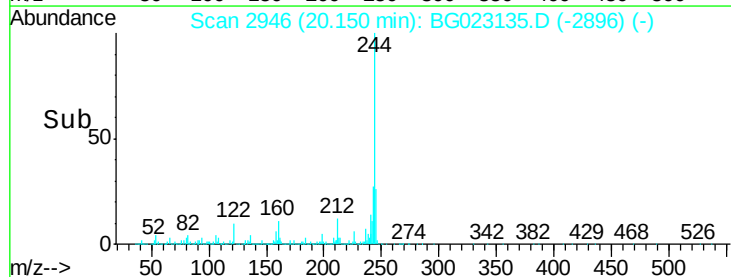
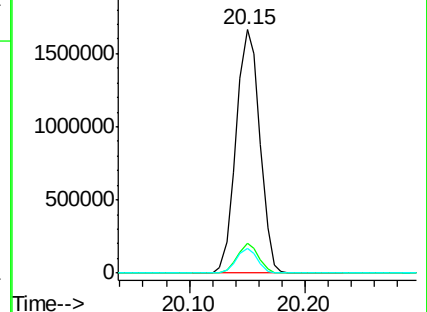
122 10.3 8.0 12.0

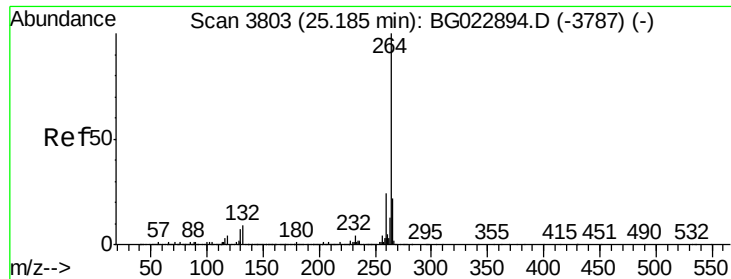


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3810
Delta R.T. 0.04 min
Lab File: BG023135.D
Acq: 16 Jul 2016 6:57

Instrument :
BNA_G
ClientSampleId :
C5-22

Tgt Ion:	264	Resp:	867391
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	20.4	18.9	28.3

