

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016923.D
 Acq On : 7 May 2015 14:51
 Operator : TP/IZ
 Sample : G2057-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWJ-1

Quant Time: May 08 03:44:59 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	81853	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	373979	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	247339	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	557511	20.00	ng	0.00
75) Chrysene-d12	21.36	240	558283	20.00	ng	0.00
86) Perylene-d12	23.66	264	537789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	236029	50.21	ng	0.00
7) Phenol-d6	6.96	99	199914	29.77	ng	0.00
23) Nitrobenzene-d5	8.96	82	521624	68.14	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	278943	112.34	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1044519	63.73	ng	0.00
78) Terphenyl-d14	19.81	244	1602088	67.27	ng	0.00

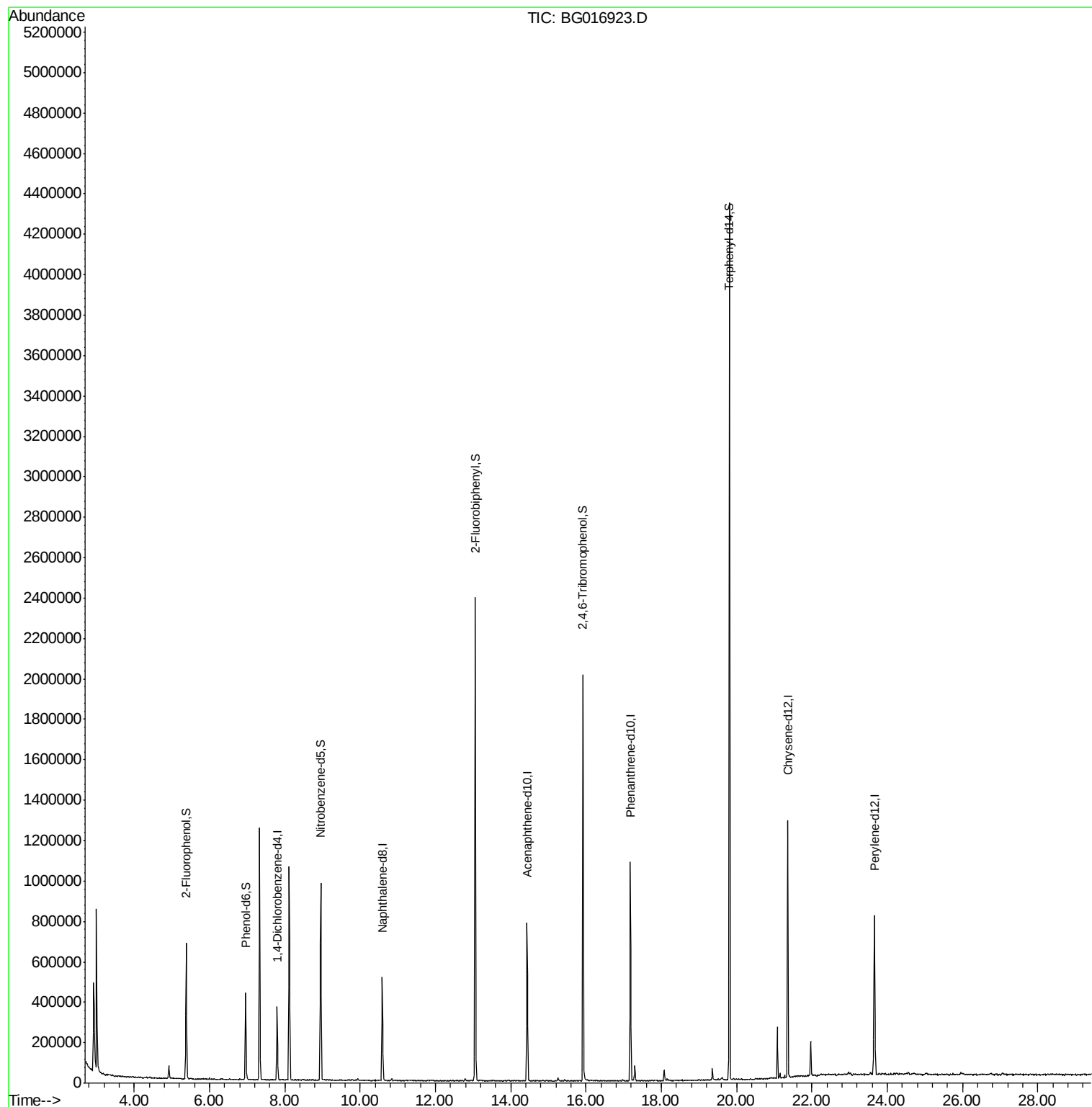
Target Compounds Qvalue

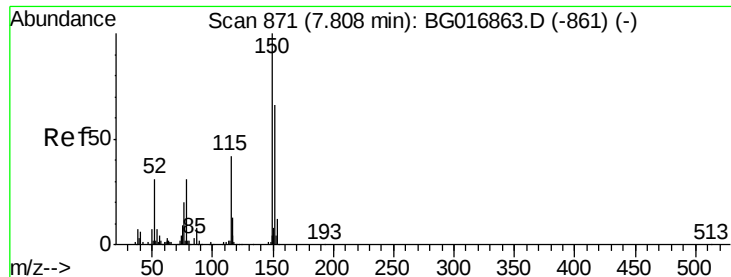
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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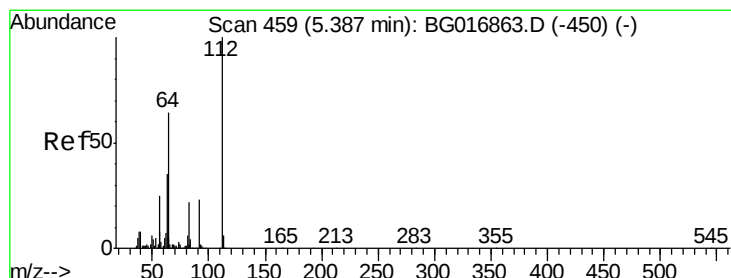
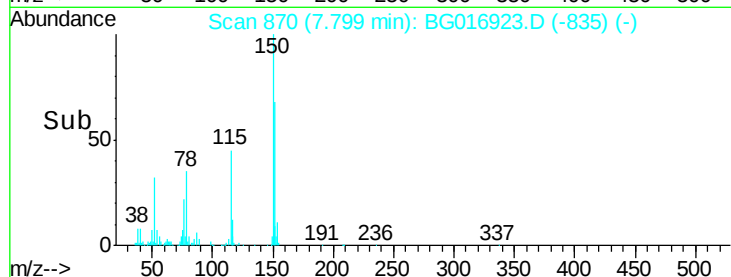
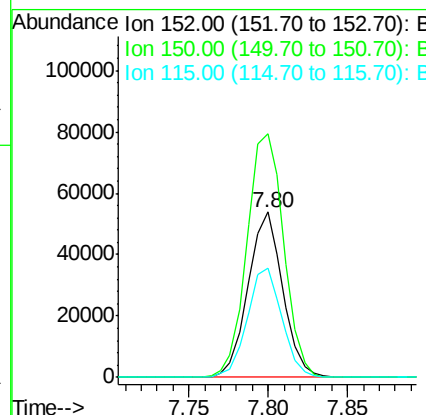
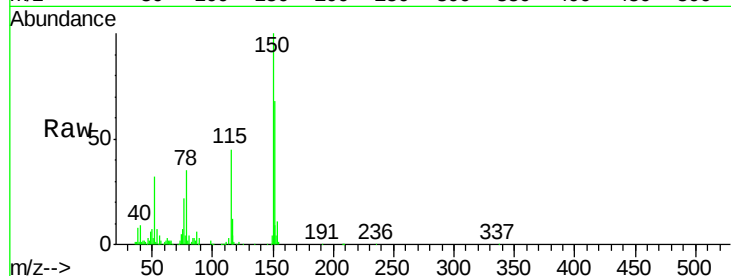


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.01 min
Lab File: BG016923.D
Acq: 7 May 2015 14:51

Instrument :
BNA_G
ClientSampleId :
MWJ-1

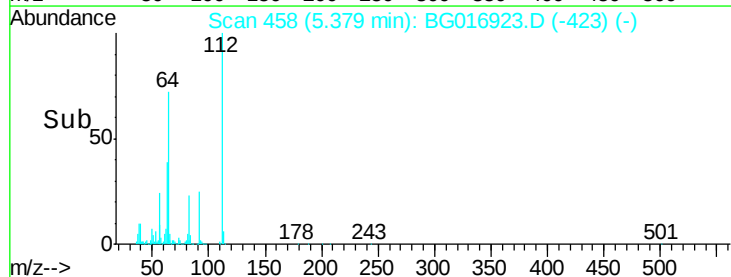
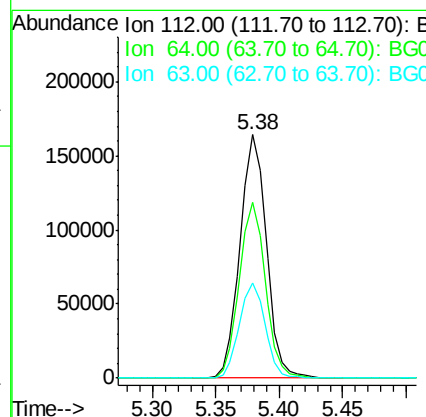
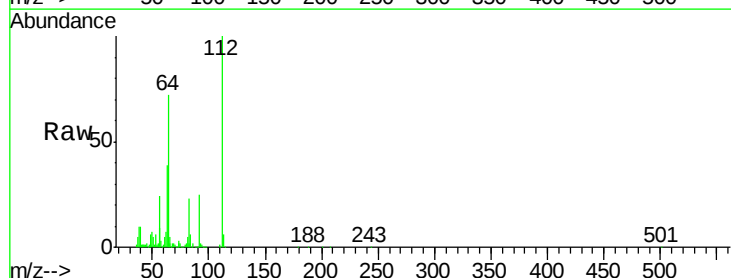
Tot Ion:152 Resp: 81853
Ion Ratio Lower Upper
152 100
150 147.6 121.0 181.4
115 66.6 50.5 75.7

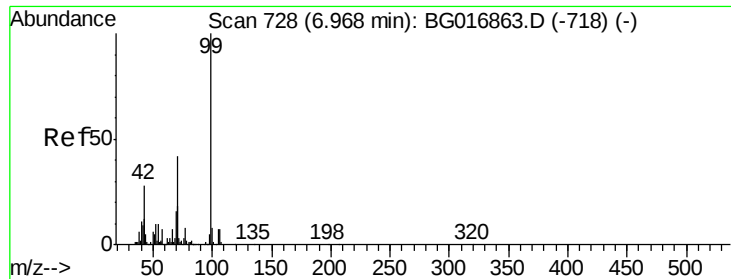


#5

2-Fluorophenol
Concen: 50.21 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016923.D
Acq: 7 May 2015 14:51

Tgt Ion:112 Resp: 236029
Ion Ratio Lower Upper
112 100
64 72.0 51.4 77.2
63 39.3 28.1 42.1





#7

Phenol-d6

Concen: 29.77 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

Instrument :

BNA_G

ClientSampleId :

MWJ-1

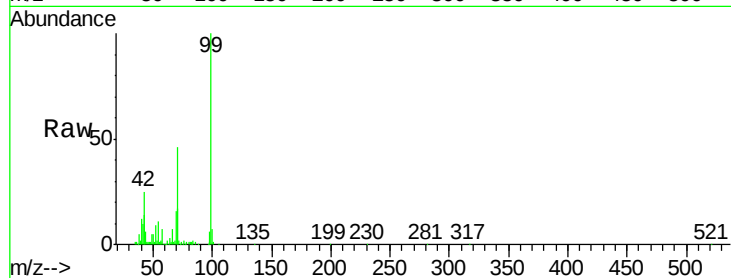
Tot Ion: 99 Resp: 199914

Ion Ratio Lower Upper

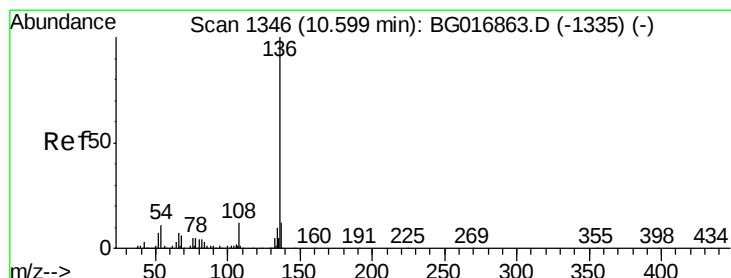
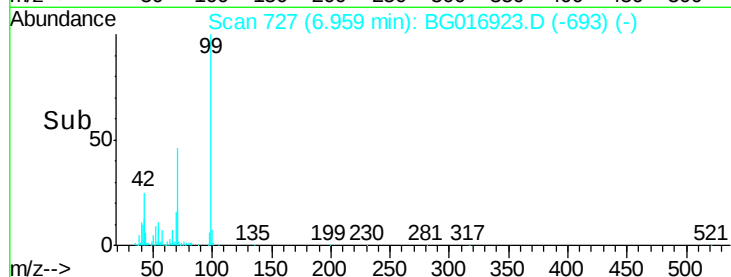
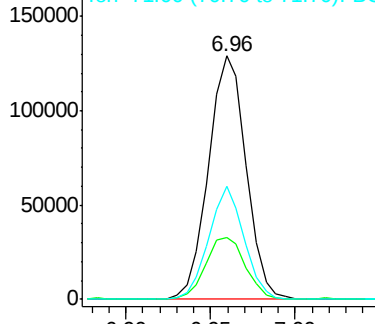
99 100

42 25.3 22.1 33.1

71 46.4 33.4 50.0



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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

Tgt Ion: 136 Resp: 373979

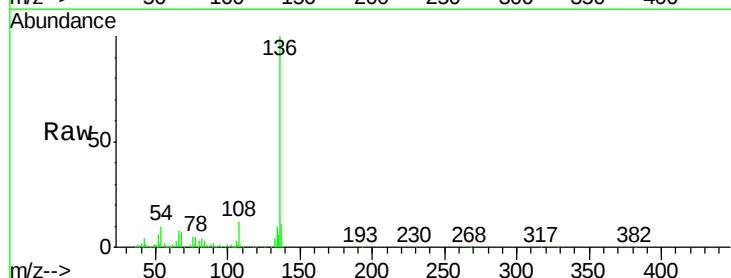
Ion Ratio Lower Upper

136 100

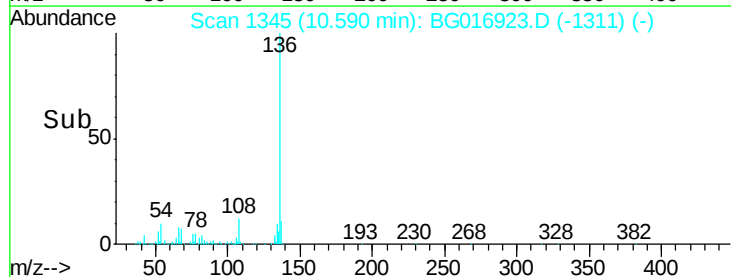
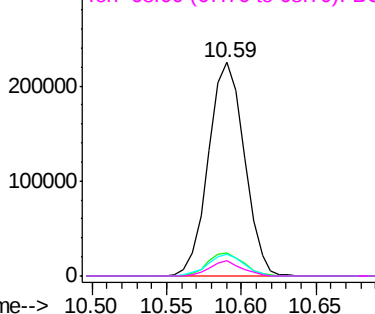
137 11.1 9.8 14.8

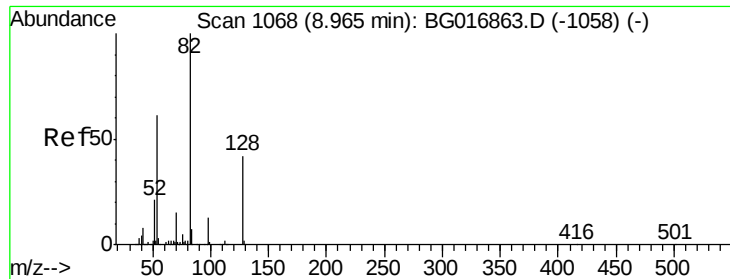
54 10.5 8.7 13.1

68 6.9 5.0 7.4



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

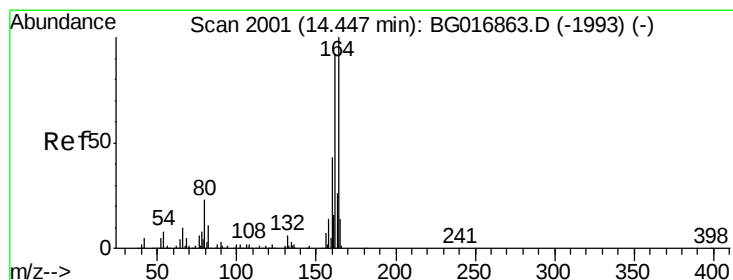
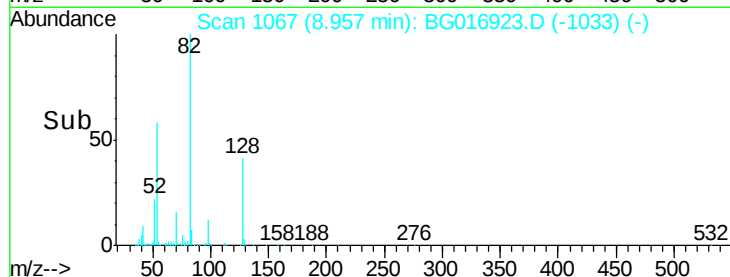
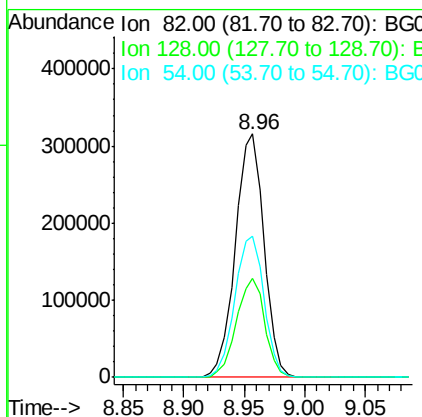
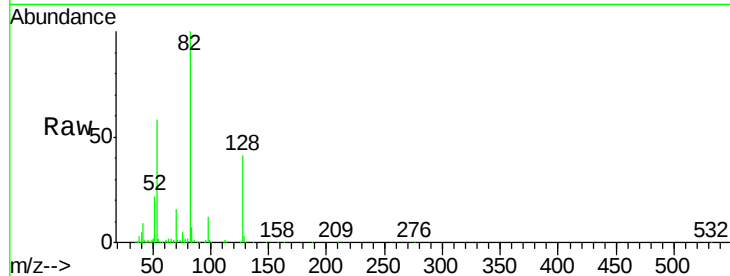




#23
Nitrobenzene-d5
Concen: 68.14 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BG016923.D
Acq: 7 May 2015 14:51

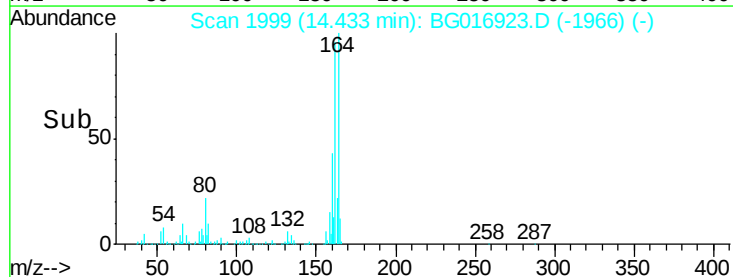
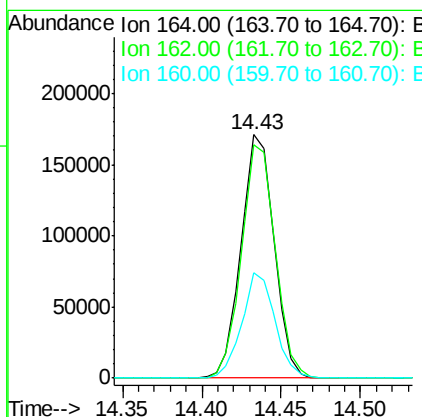
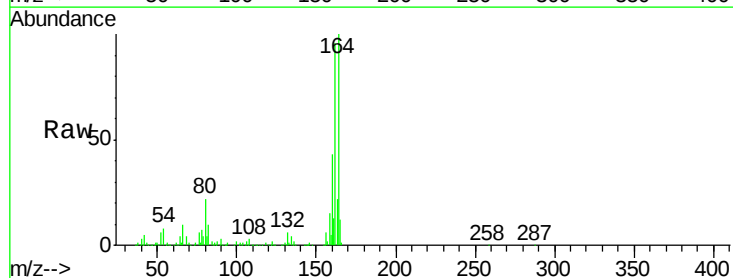
Instrument :
BNA_G
ClientSampleId :
MWJ-1

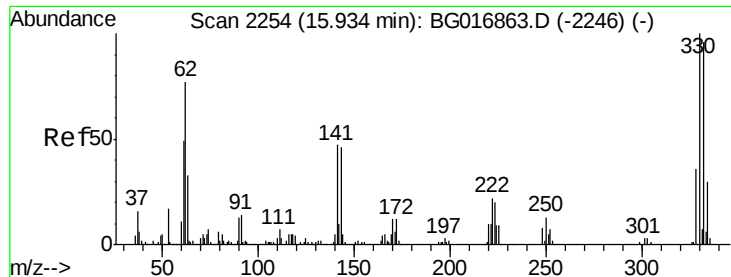
Tot Ion: 82 Resp: 521624
Ion Ratio Lower Upper
82 100
128 40.8 33.2 49.8
54 57.9 48.6 72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG016923.D
Acq: 7 May 2015 14:51

Tgt Ion: 164 Resp: 247339
Ion Ratio Lower Upper
164 100
162 96.0 74.0 111.0
160 43.3 34.7 52.1

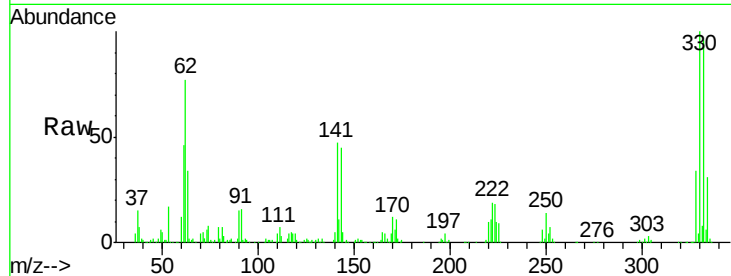




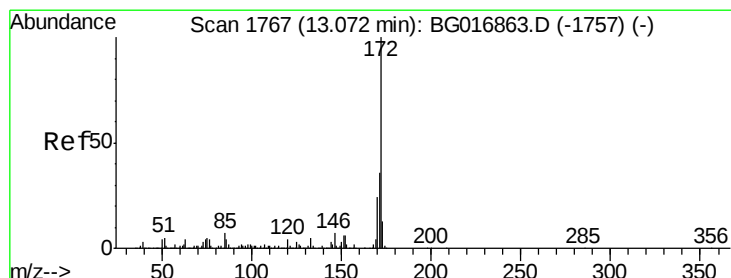
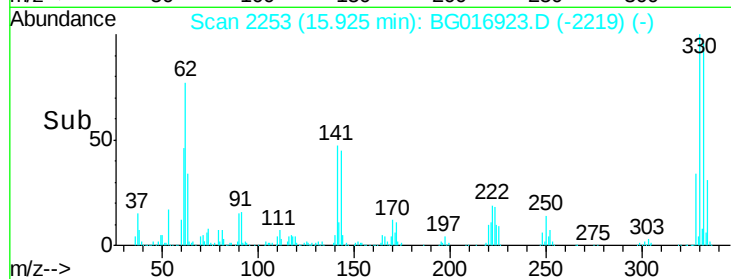
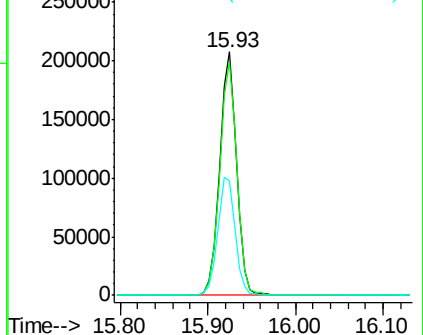
#41
 2,4,6-Tribromophenol
 Concen: 112.34 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016923.D
 Acq: 7 May 2015 14:51

Instrument :
 BNA_G
 ClientSampled :
 MWJ-1

Tot Ion:330 Resp: 278943
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 50.6 0.0 0.0#

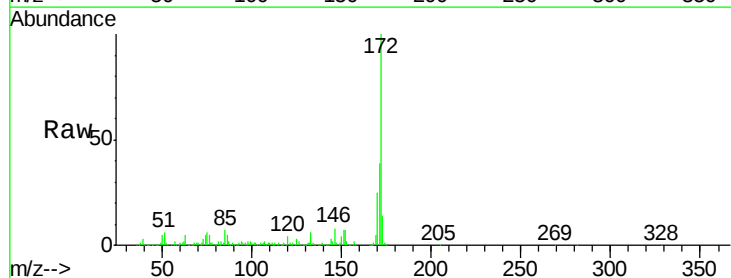


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

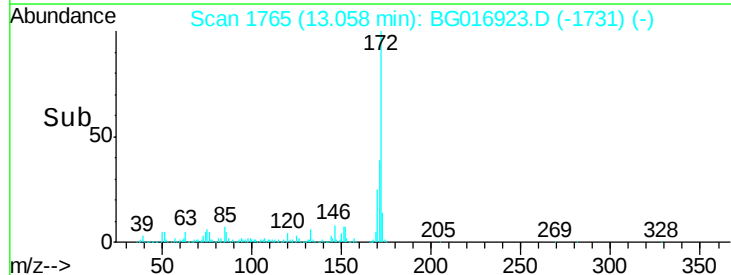
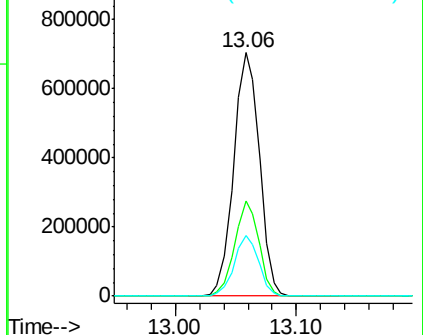


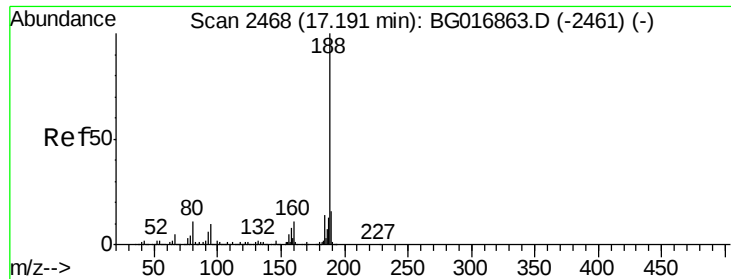
#44
 2-Fluorobiphenyl
 Concen: 63.73 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG016923.D
 Acq: 7 May 2015 14:51

Tgt Ion:172 Resp: 1044519
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.0 43.4
 170 25.1 19.0 28.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

Instrument :

BNA_G

ClientSampleId :

MWJ-1

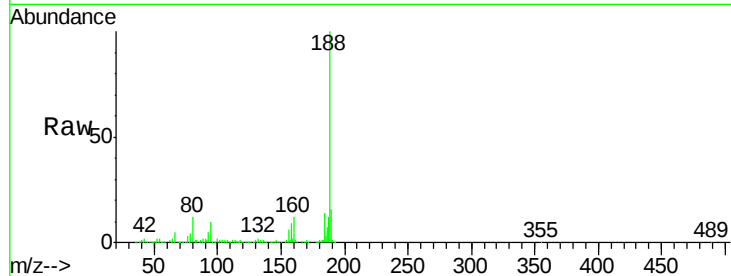
Tot Ion:188 Resp: 557511

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

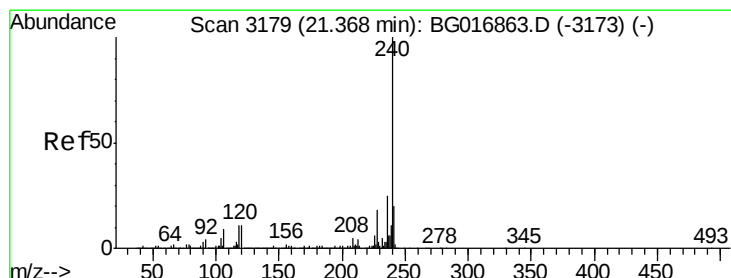
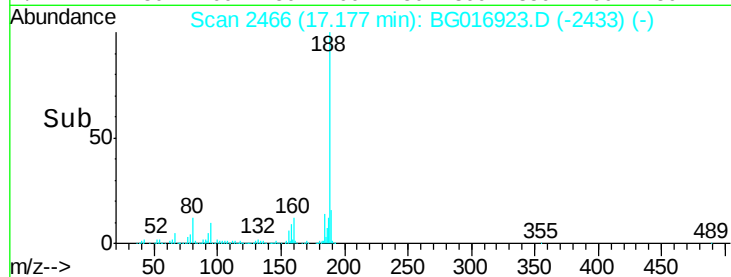
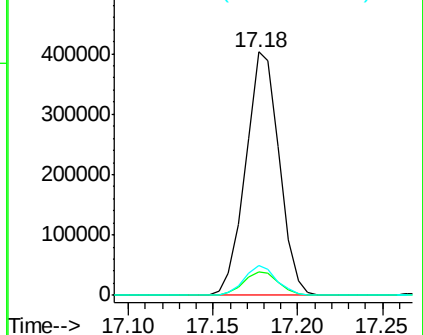
80 12.4 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

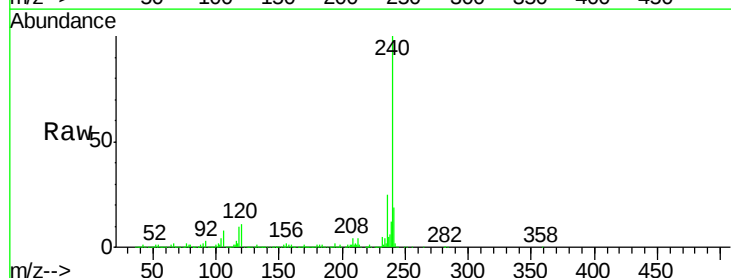
Tgt Ion:240 Resp: 558283

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

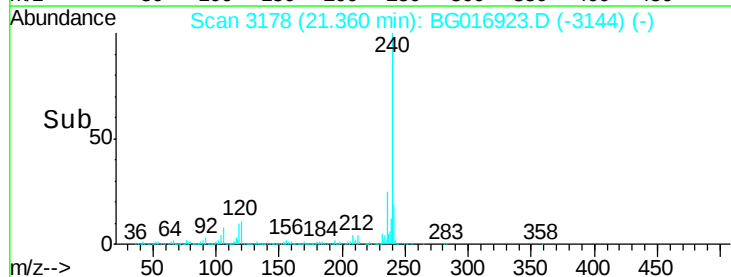
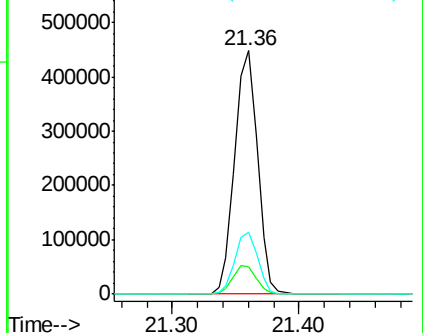
236 25.5 20.2 30.4

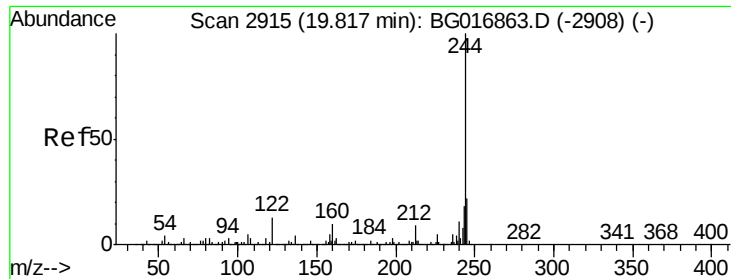


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.27 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

Instrument :

BNA_G

ClientSampled :

MWJ-1

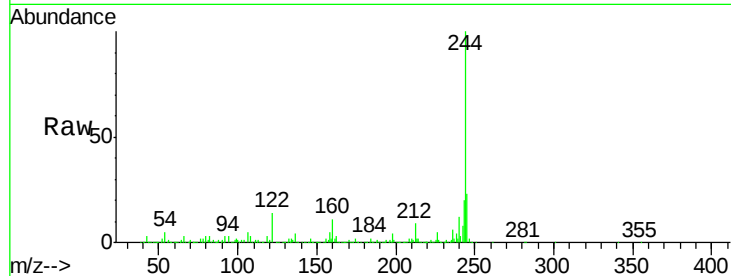
Tot Ion:244 Resp: 1602088

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

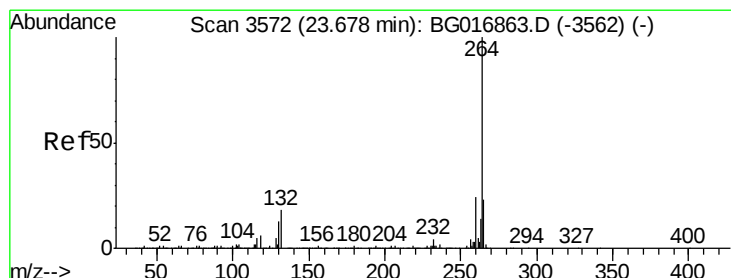
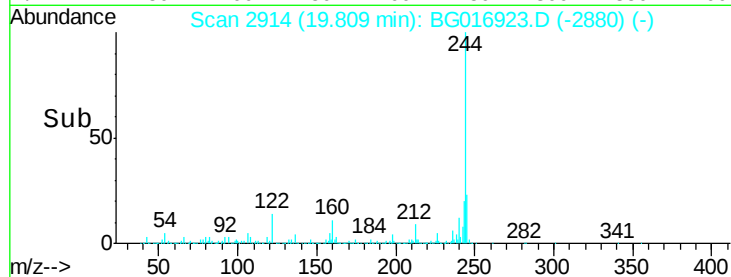
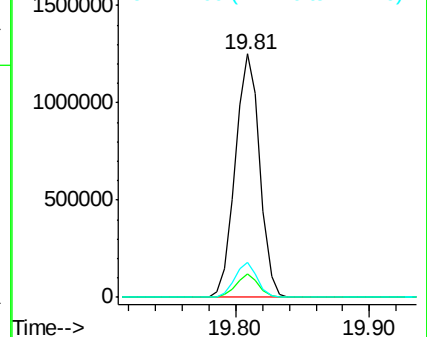
122 14.3 10.4 15.6



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: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016923.D

Acq: 7 May 2015 14:51

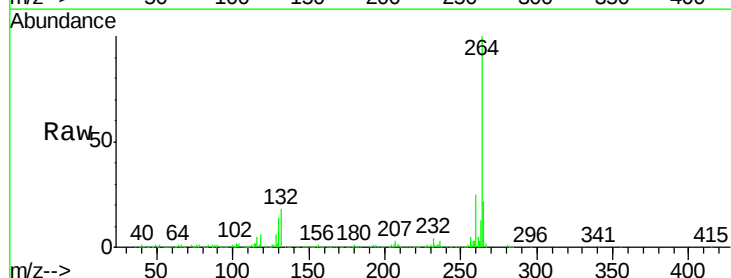
Tgt Ion:264 Resp: 537789

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.8 18.5 27.7



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

