

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015923.D
 Acq On : 26 Jan 2015 22:03
 Operator : TP/IZ
 Sample : G1159-10
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-41(28-30)

Quant Time: Jan 27 03:20:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

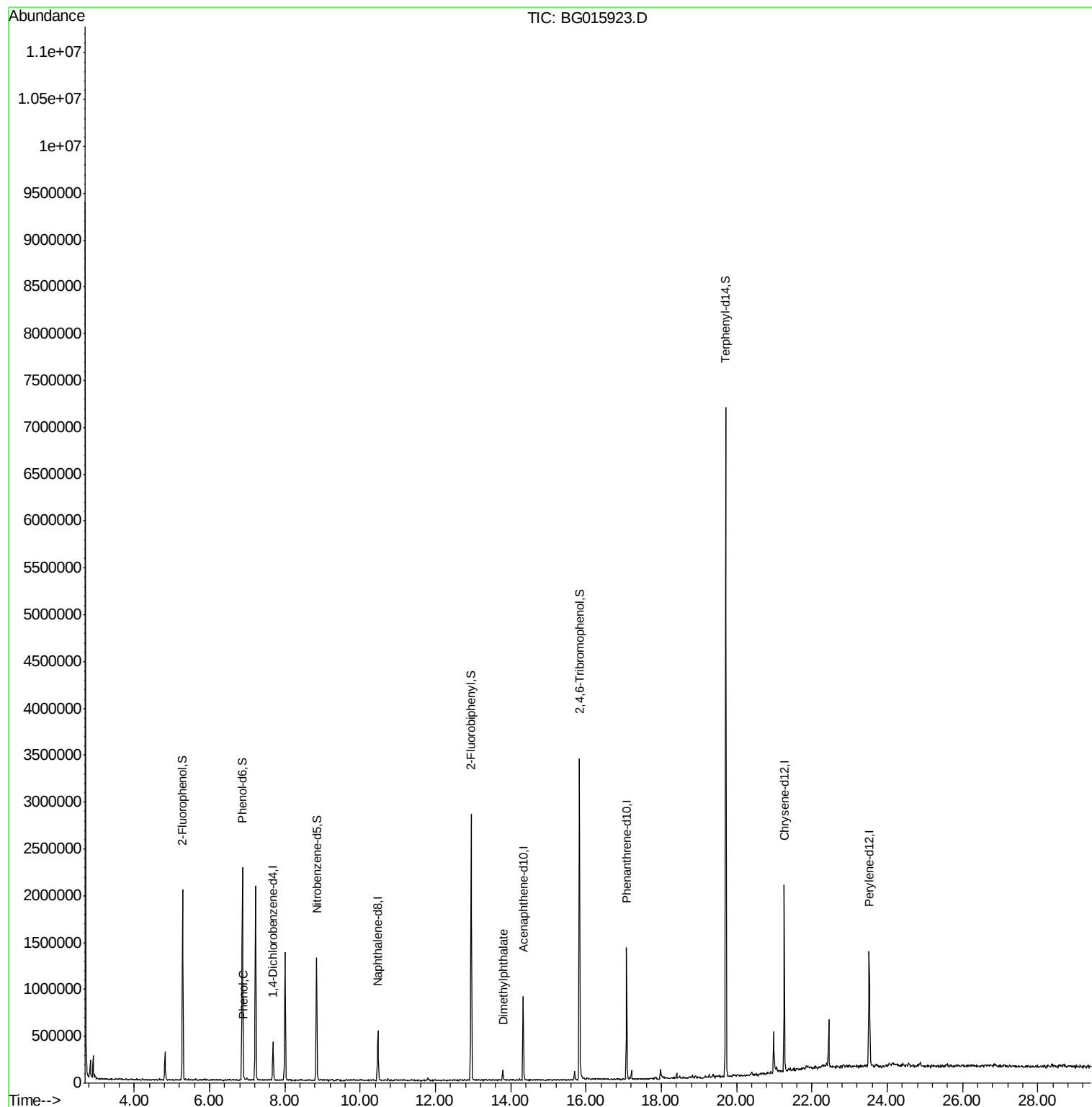
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	81147	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	326257	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	272872	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	739808	20.00	ng	0.00
75) Chrysene-d12	21.27	240	992093	20.00	ng	0.00
86) Perylene-d12	23.52	264	978787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	652041	119.66	ng	0.00
7) Phenol-d6	6.87	99	1072417	122.13	ng	0.00
23) Nitrobenzene-d5	8.85	82	806539	71.26	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	540713	108.24	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1224123	70.39	ng	0.00
78) Terphenyl-d14	19.71	244	2690957	73.59	ng	0.00
Target Compounds						
10) Phenol	6.90	94	31702	3.17	ng	# 59
49) Dimethylphthalate	13.79	163	50699	2.58	ng	# 89

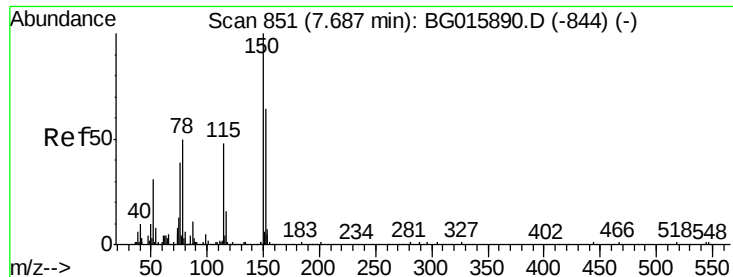
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

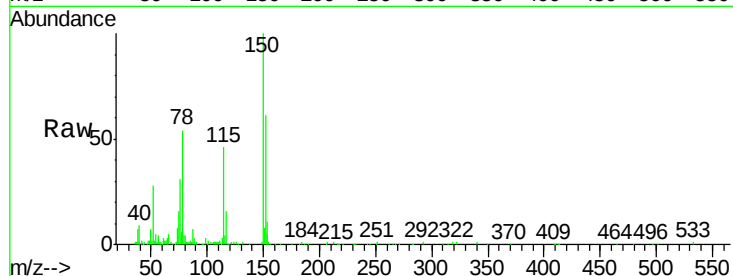
Tgt Ion:152 Resp: 81147

Ion Ratio Lower Upper

152 100

150 164.4 124.5 186.7

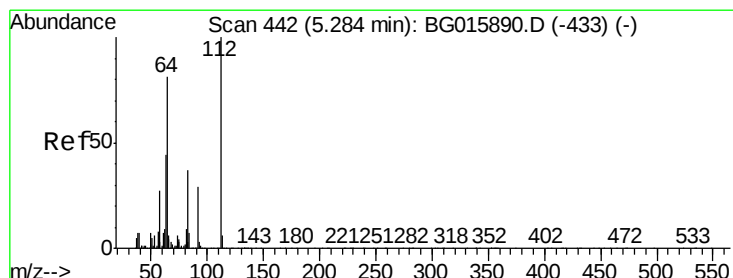
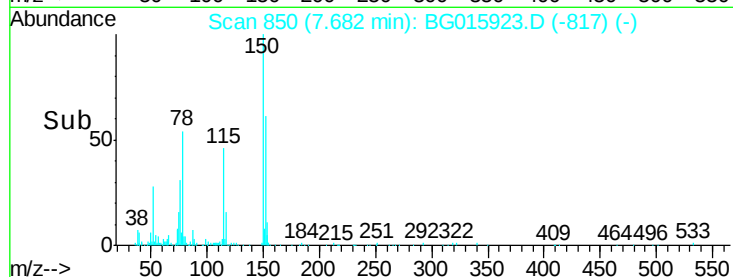
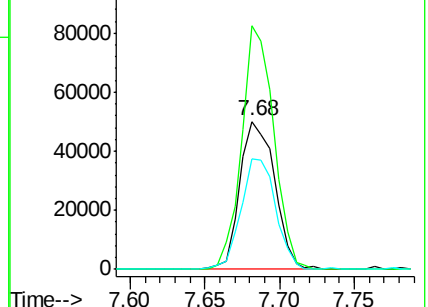
115 75.0 60.4 90.6



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: 119.66 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

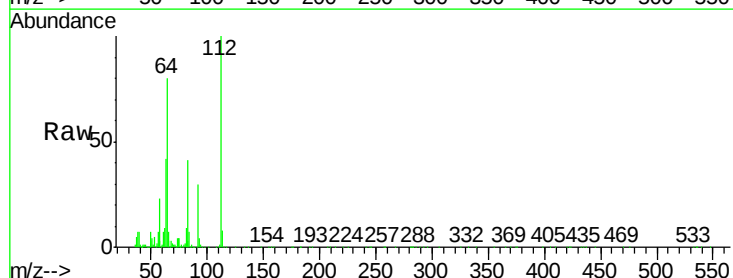
Tgt Ion:112 Resp: 652041

Ion Ratio Lower Upper

112 100

64 79.7 64.4 96.6

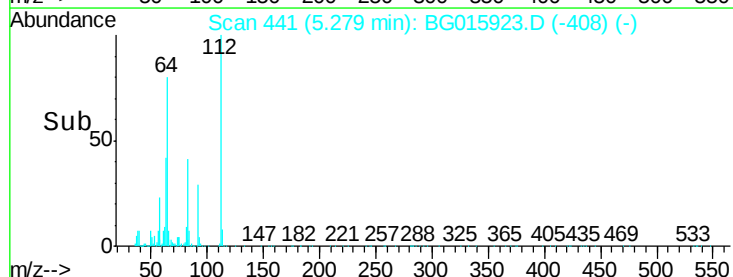
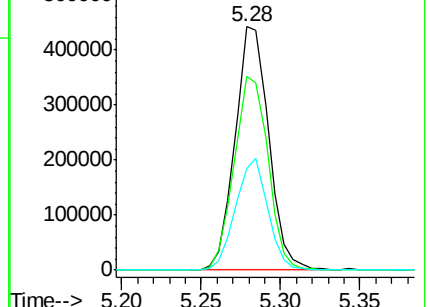
63 41.8 35.1 52.7

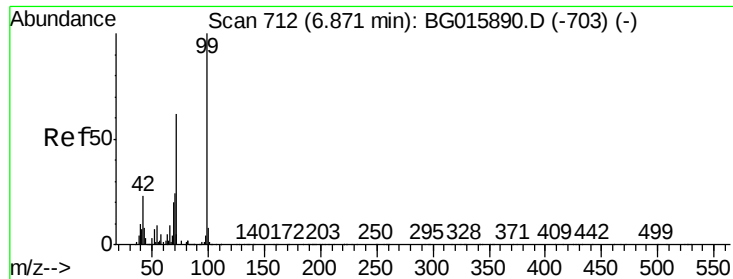


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 122.13 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

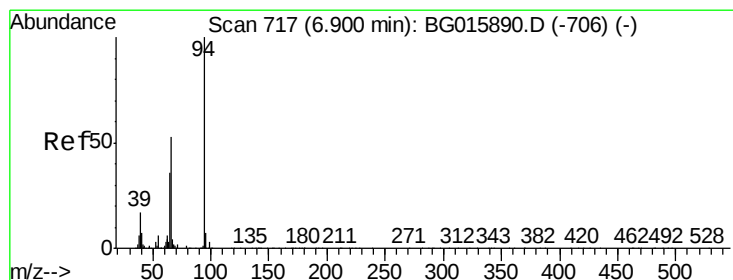
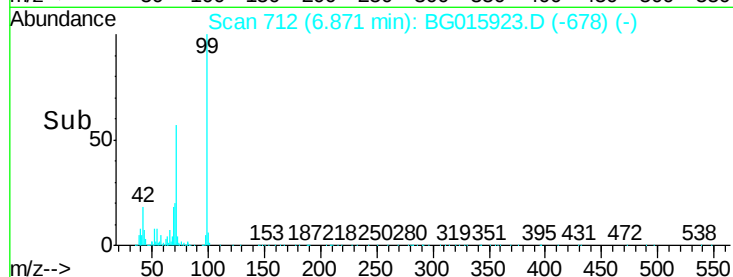
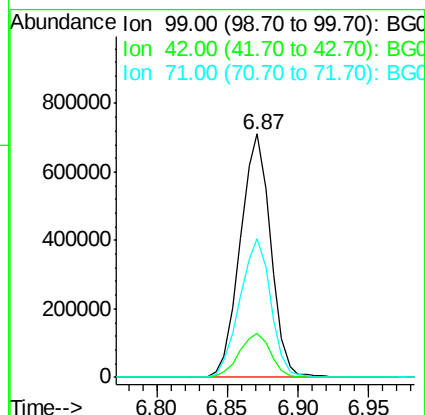
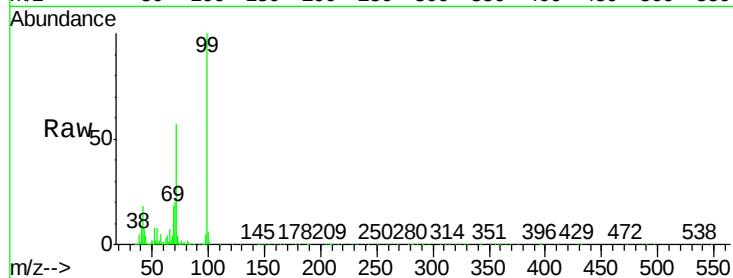
Tgt Ion: 99 Resp: 1072417

Ion Ratio Lower Upper

99 100

42 18.2 18.1 27.1

71 56.7 49.8 74.8



#10

Phenol

Concen: 3.17 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

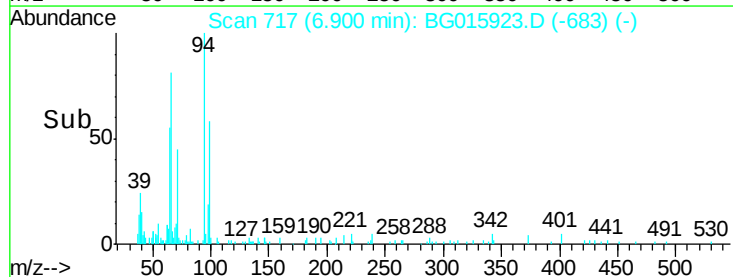
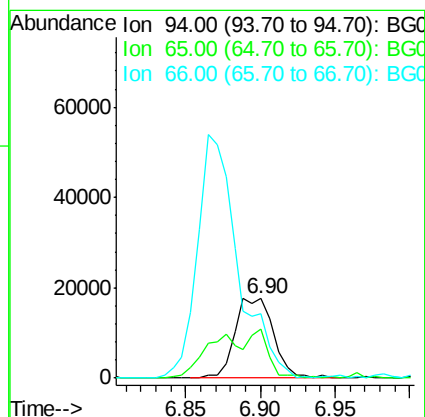
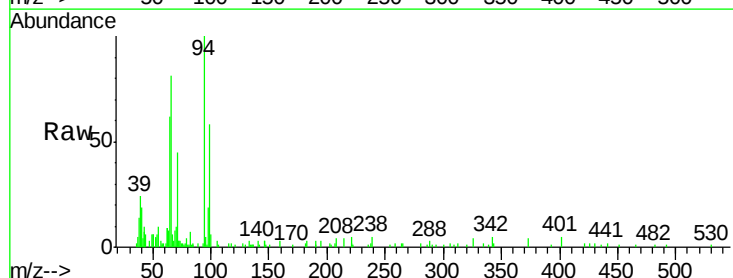
Tgt Ion: 94 Resp: 31702

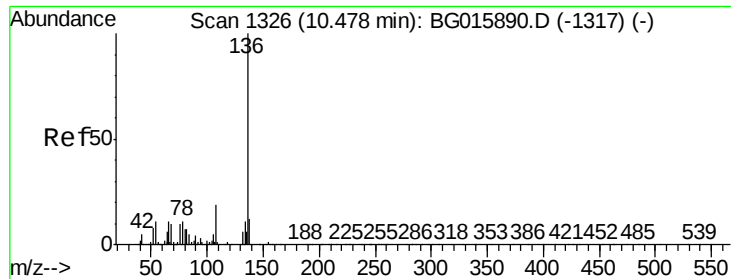
Ion Ratio Lower Upper

94 100

65 62.2 16.5 56.5#

66 80.7 33.3 73.3#

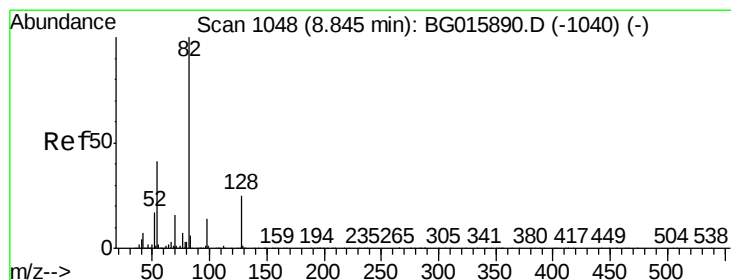
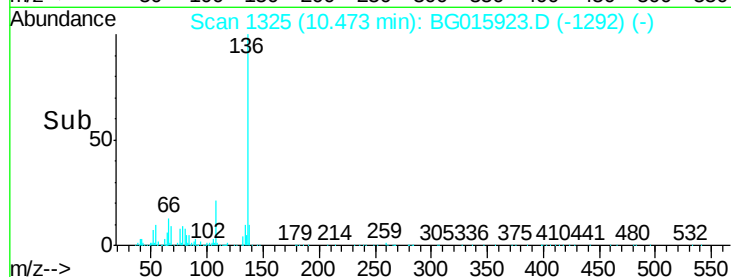
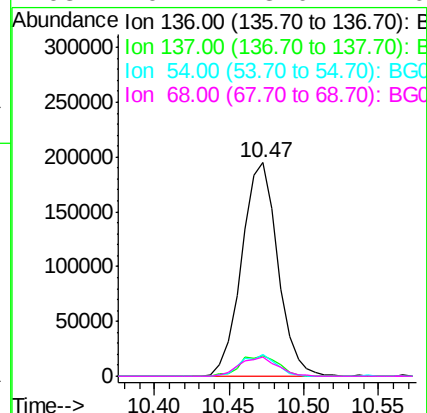
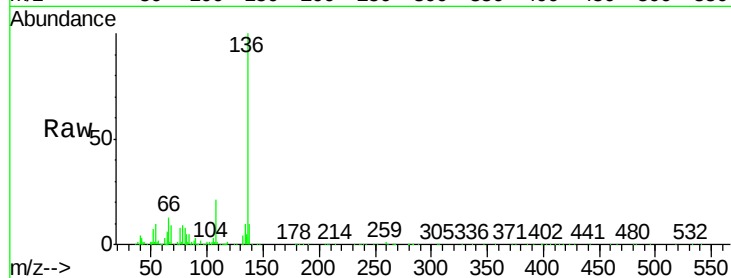




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

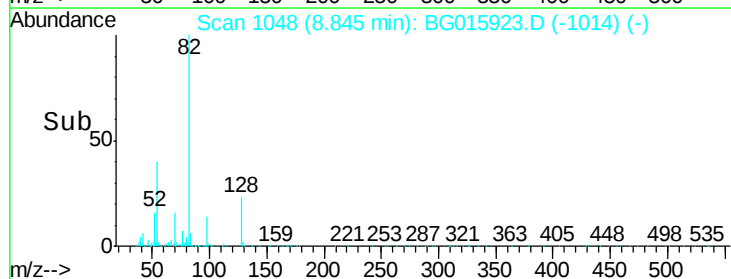
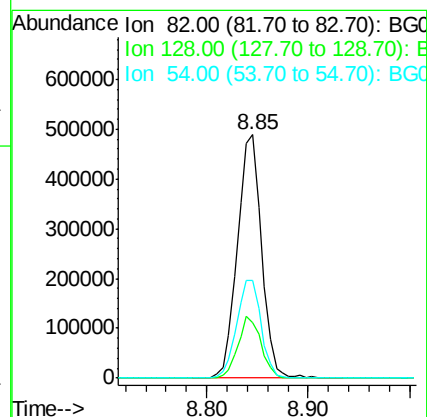
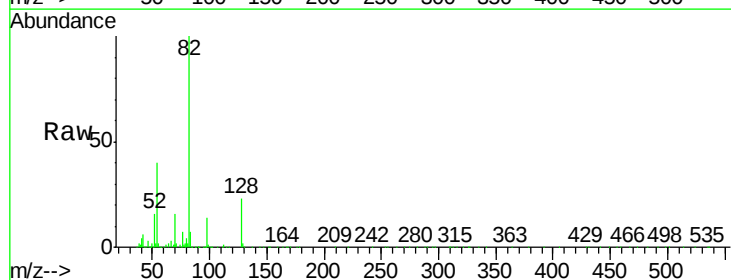
Instrument :
BNA_G
ClientSampleId :
MW-41(28-30)

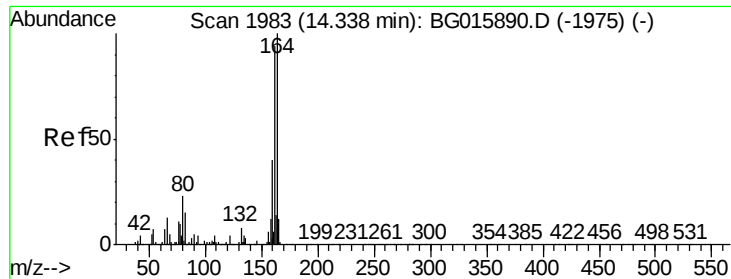
Tgt Ion:	136	Resp:	326257
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.7	14.5
54	10.4	8.5	12.7
68	9.2	8.0	12.0



#23
Nitrobenzene-d5
Concen: 71.26 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

Tgt Ion:	82	Resp:	806539
Ion	Ratio	Lower	Upper
82	100		
128	22.9	19.8	29.8
54	40.0	33.0	49.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

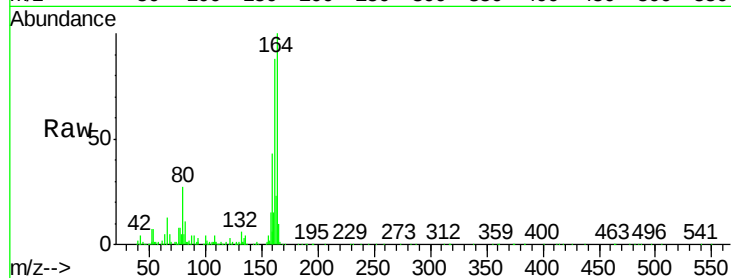
Tgt Ion:164 Resp: 272872

Ion Ratio Lower Upper

164 100

162 88.1 75.1 112.7

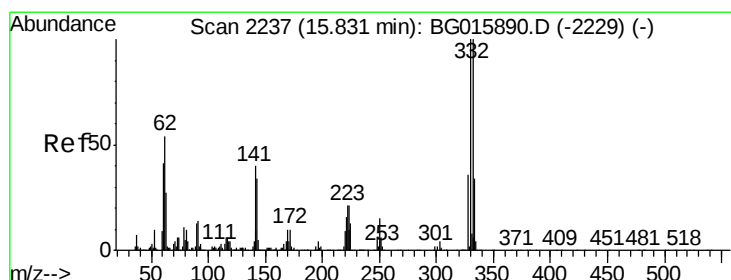
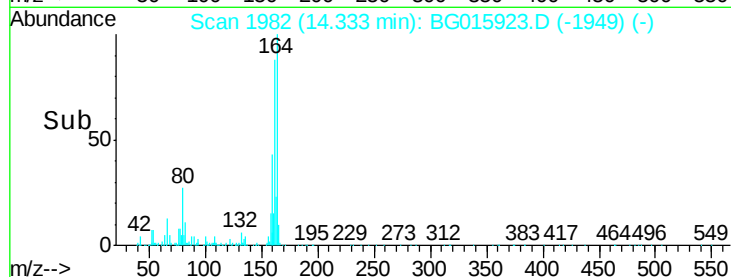
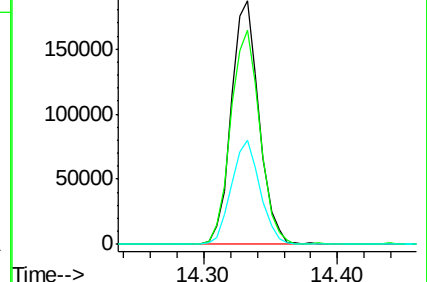
160 42.8 32.3 48.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 108.24 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

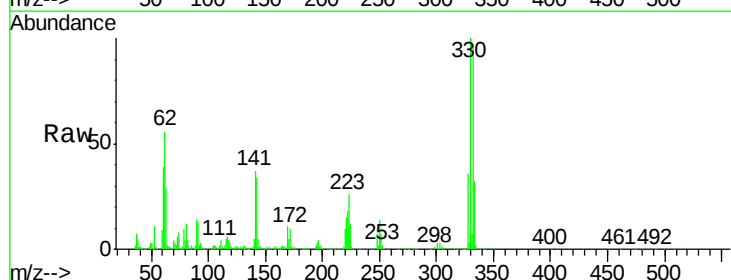
Tgt Ion:330 Resp: 540713

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.0

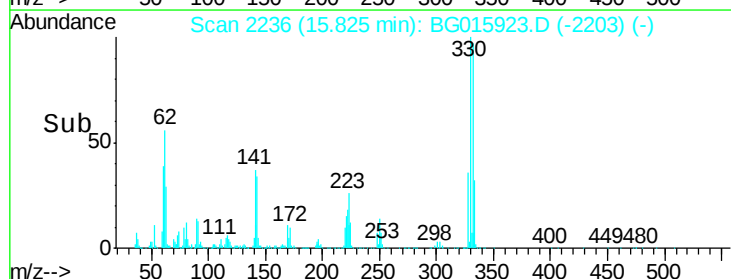
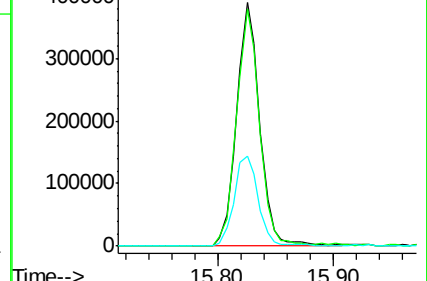
141 39.0 33.0 49.6

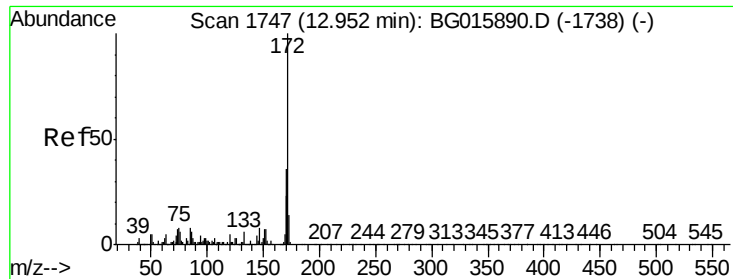


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

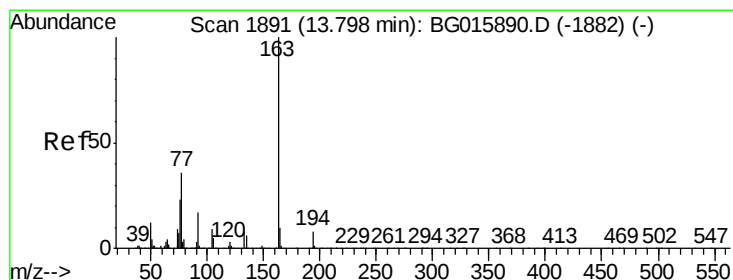
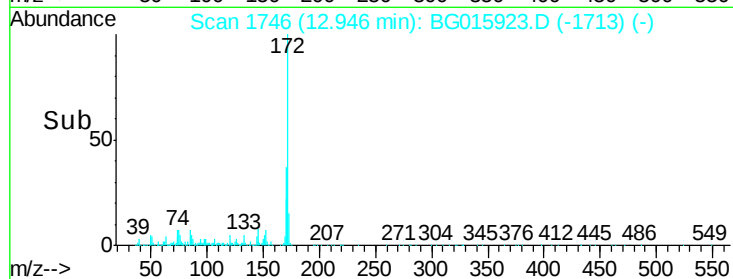
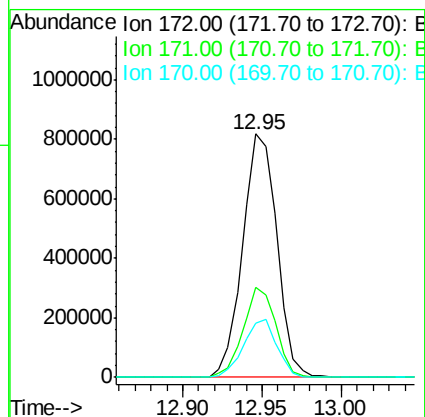
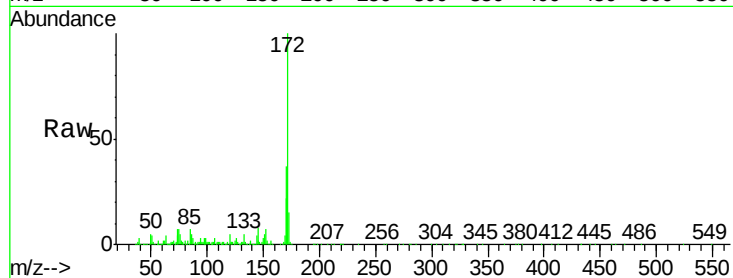




#44
2-Fluorobiphenyl
Concen: 70.39 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

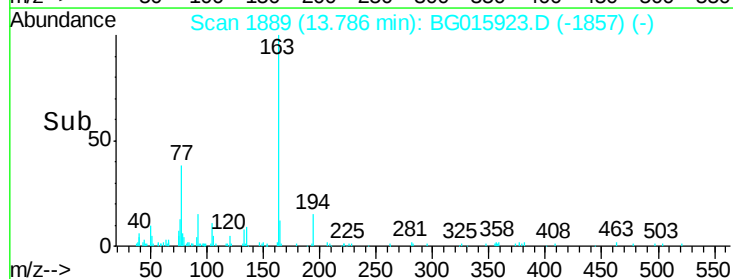
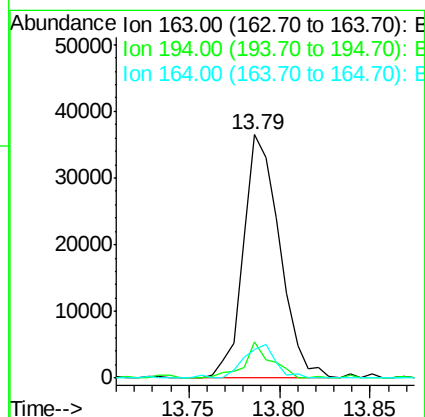
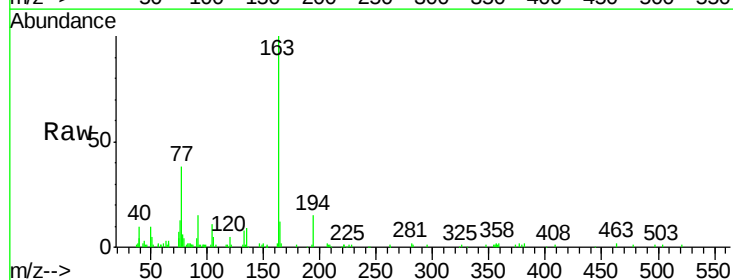
Instrument :
BNA_G
ClientSampleId :
MW-41(28-30)

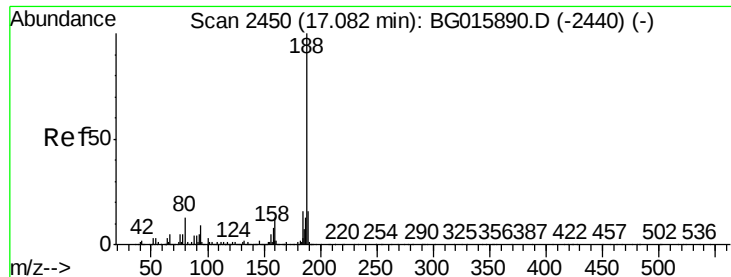
Tgt Ion:172 Resp: 1224123
Ion Ratio Lower Upper
172 100
171 37.2 29.2 43.8
170 22.2 18.6 27.8



#49
Dimethylphthalate
Concen: 2.58 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

Tgt Ion:163 Resp: 50699
Ion Ratio Lower Upper
163 100
194 14.6 6.2 9.4#
164 11.7 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

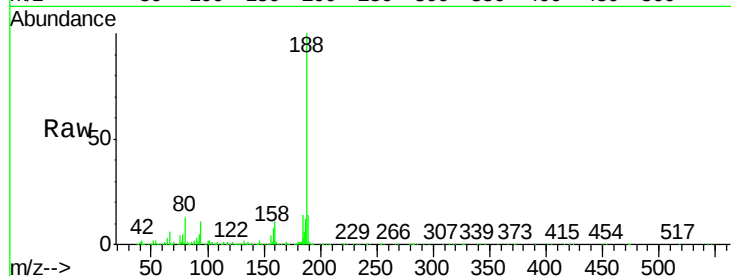
Tgt Ion:188 Resp: 739808

Ion Ratio Lower Upper

188 100

94 11.0 7.8 11.8

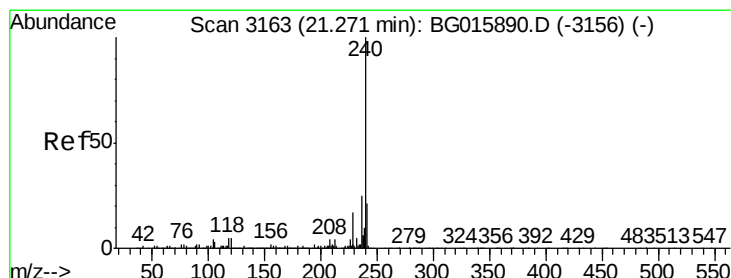
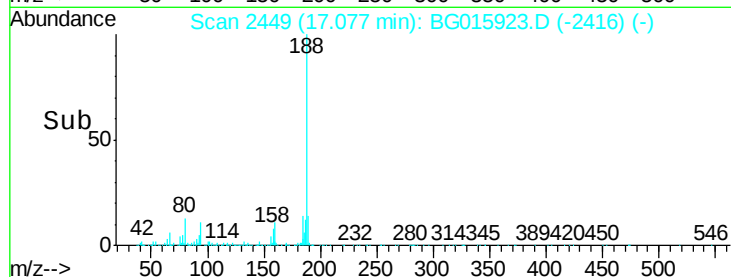
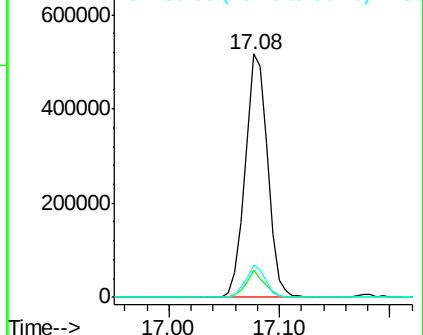
80 13.1 10.6 16.0



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: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

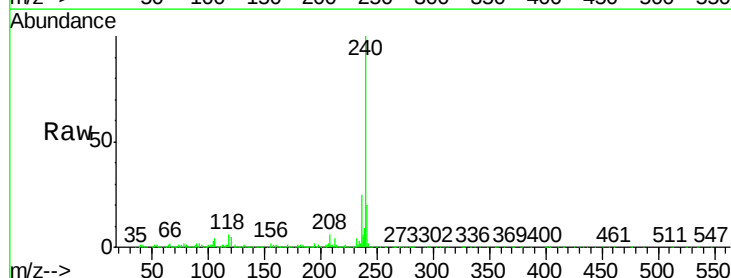
Tgt Ion:240 Resp: 992093

Ion Ratio Lower Upper

240 100

120 5.4 3.9 5.9

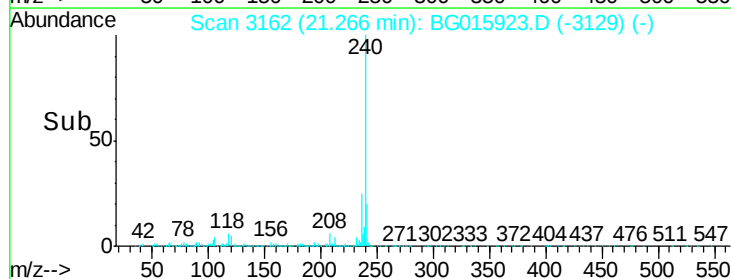
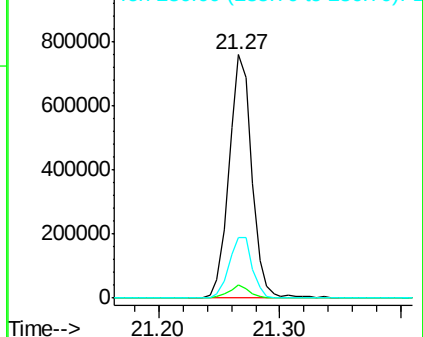
236 24.9 20.0 30.0

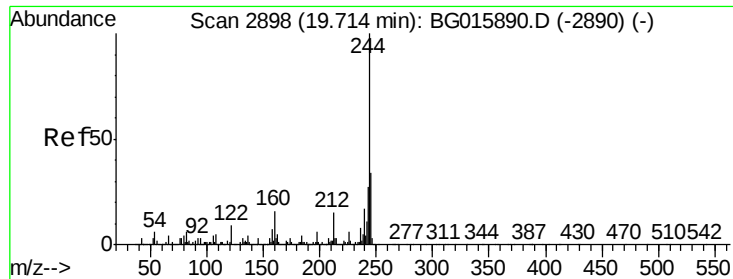


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

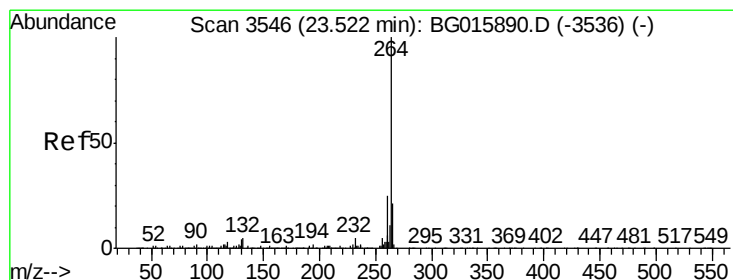
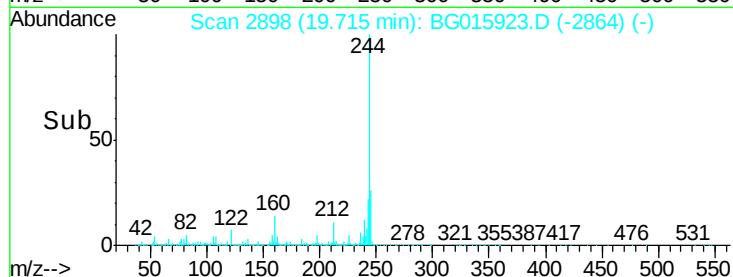
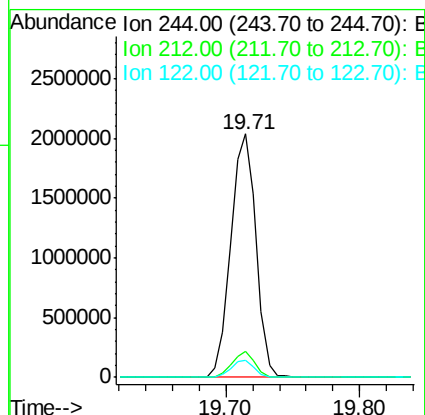
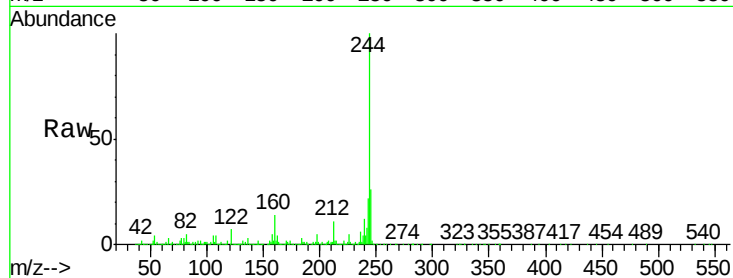




#78
 Terphenyl-d14
 Concen: 73.59 ng
 RT: 19.71 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: BG015923.D
 Acq: 26 Jan 2015 22:03

Instrument :
 BNA_G
 ClientSampleId :
 MW-41(28-30)

Tgt Ion:244 Resp: 2690957
 Ion Ratio Lower Upper
 244 100
 212 10.7 11.6 17.4#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.52 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: BG015923.D
 Acq: 26 Jan 2015 22:03

Tgt Ion:264 Resp: 978787
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.7 29.5
 265 21.1 17.3 25.9

