

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 02:32:38 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

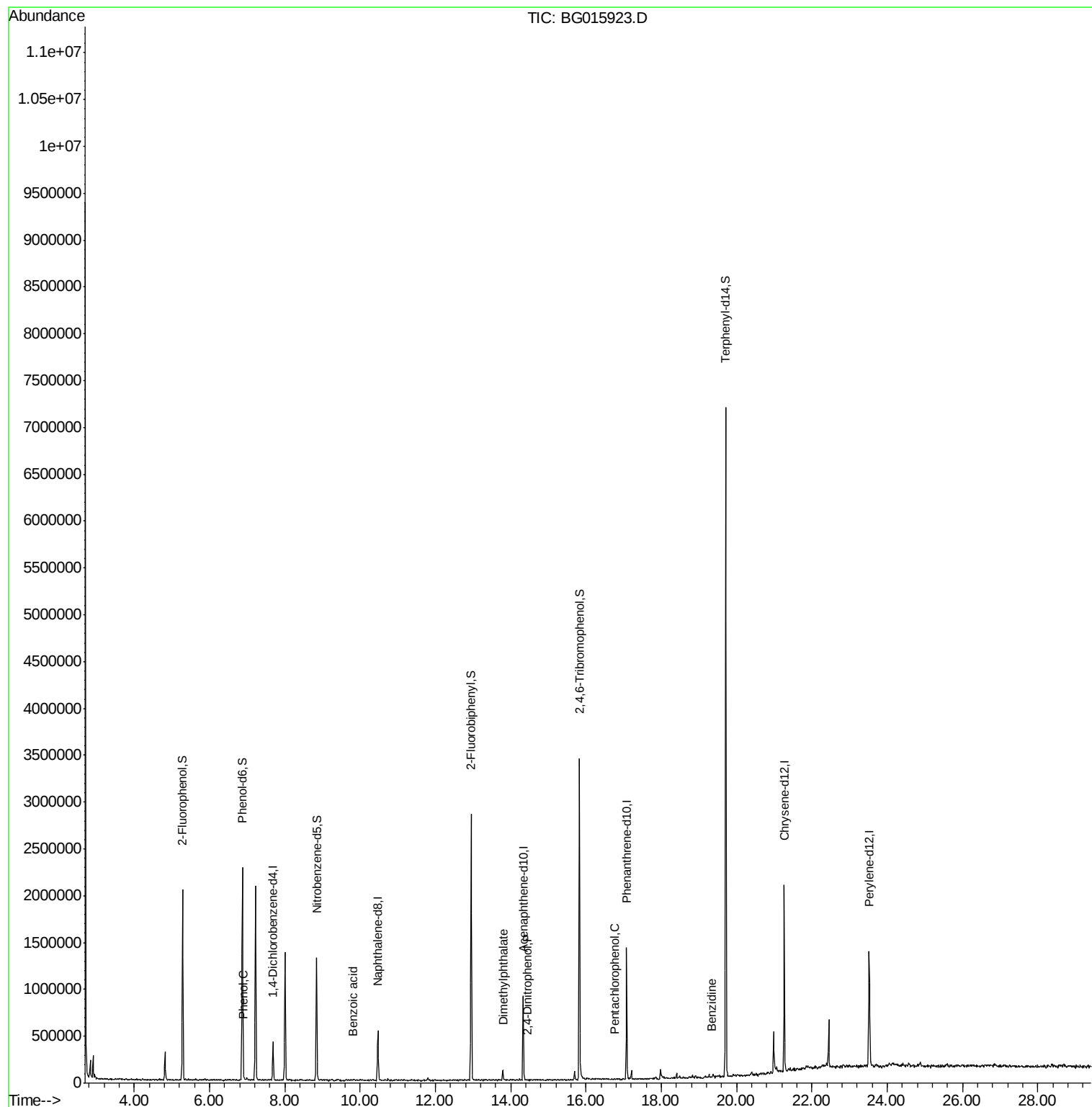
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	81147	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	326257	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	272872	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	739808	20.00	ng	0.00
75) Chrysene-d12	21.27	240	992093	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
32) Benzoic acid	9.80	122	73	10.30	ng	# 1
49) Dimethylphthalate	13.79	163	50699	2.58	ng	# 89
53) 2,4-Dinitrophenol	14.43	184	137	4.56	ng	# 32
69) Pentachlorophenol	16.75	266	411	5.31	ng	# 29
76) Benzidine	19.34	184	531	2.01	ng	# 48
80) Benzo(a)anthracene	21.23	228	332	Below Cal		# 45

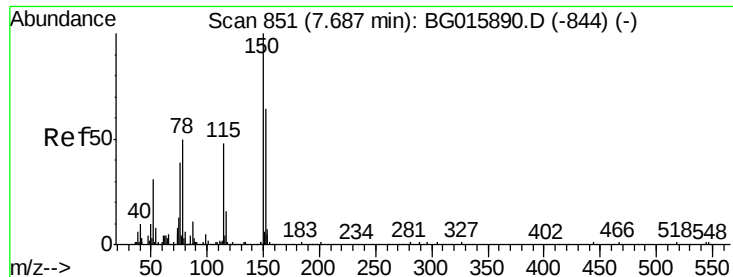
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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)

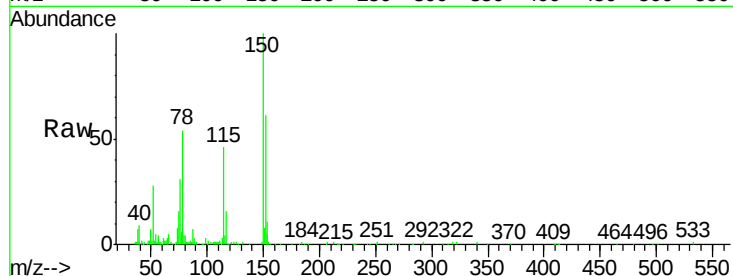
Tgt Ion:152 Resp: 81147

Ion Ratio Lower Upper

152 100

150 164.4 124.5 186.7

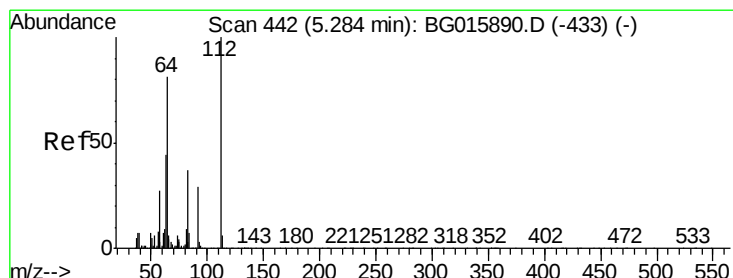
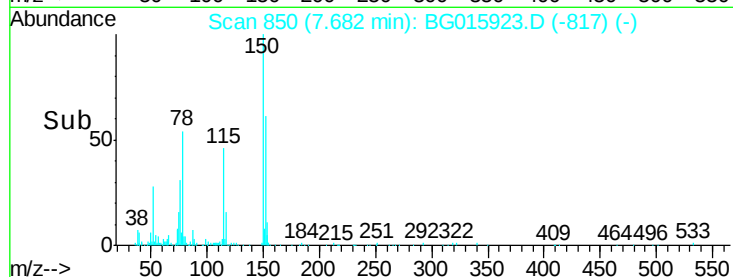
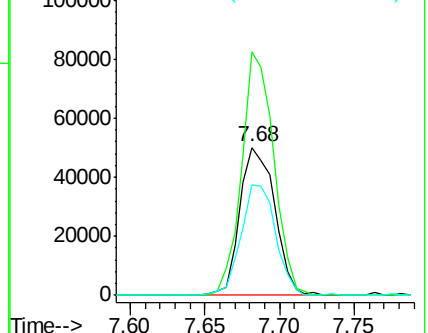
115 75.0 60.4 90.6



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

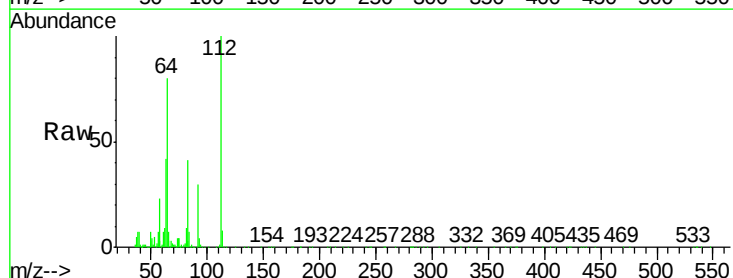
Tgt Ion:112 Resp: 652041

Ion Ratio Lower Upper

112 100

64 79.7 64.4 96.6

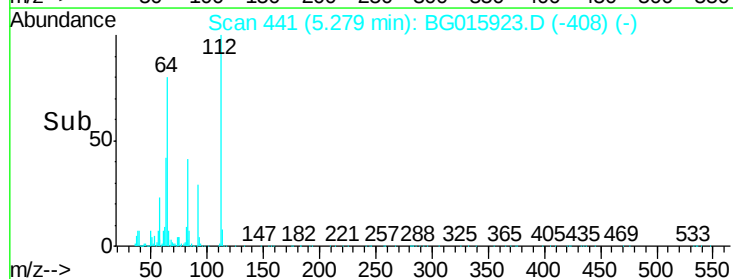
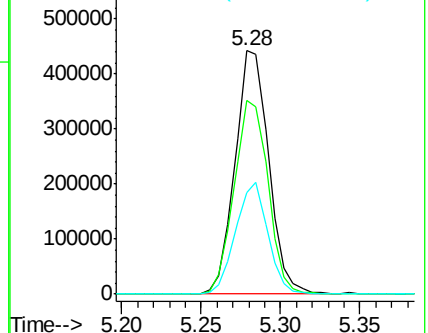
63 41.8 35.1 52.7

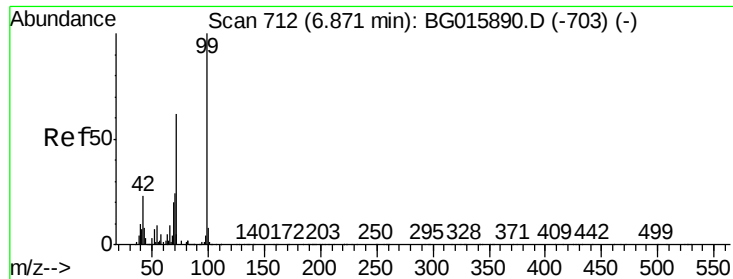


Abundance Ion 112.00 (111.70 to 112.70): E

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)

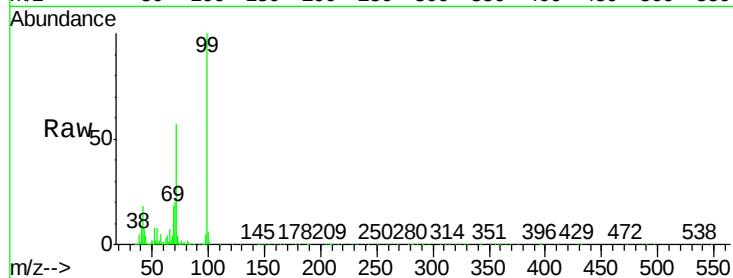
Tgt Ion: 99 Resp: 1072417

Ion Ratio Lower Upper

99 100

42 18.2 18.1 27.1

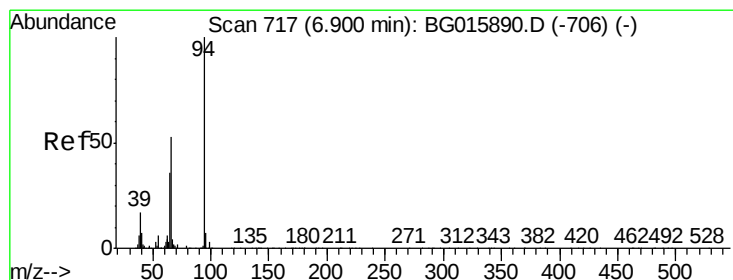
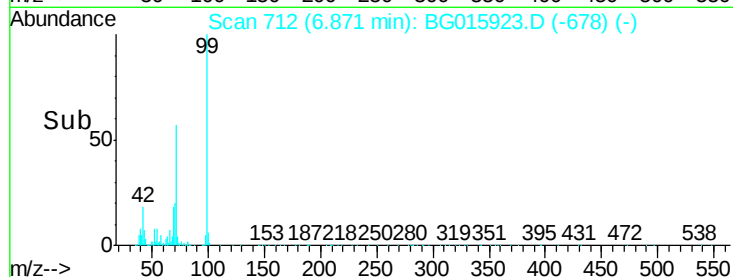
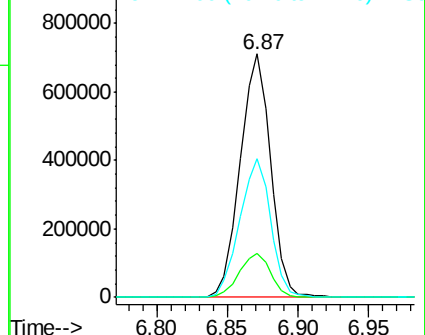
71 56.7 49.8 74.8



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



#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

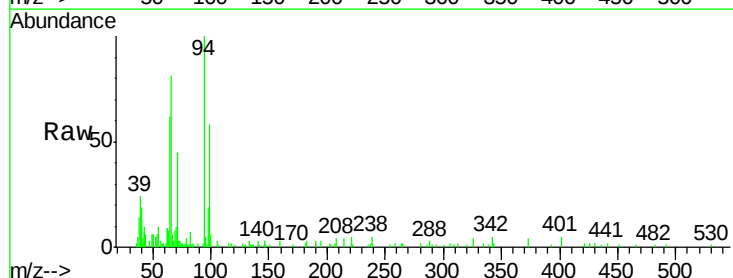
Tgt Ion: 94 Resp: 31702

Ion Ratio Lower Upper

94 100

65 62.2 16.5 56.5#

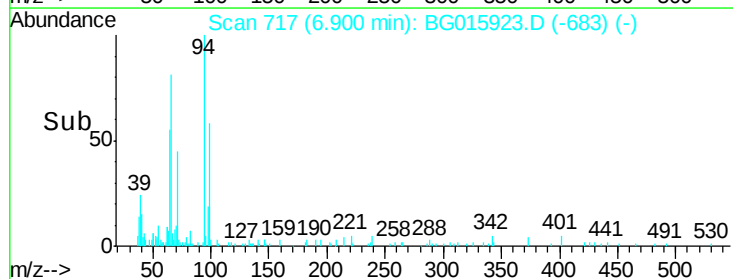
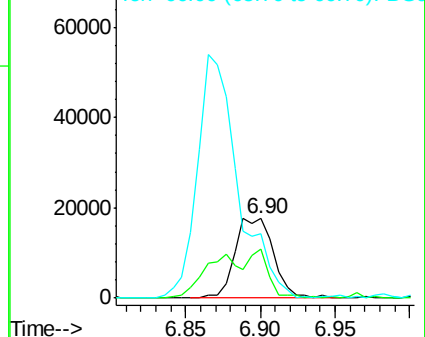
66 80.7 33.3 73.3#

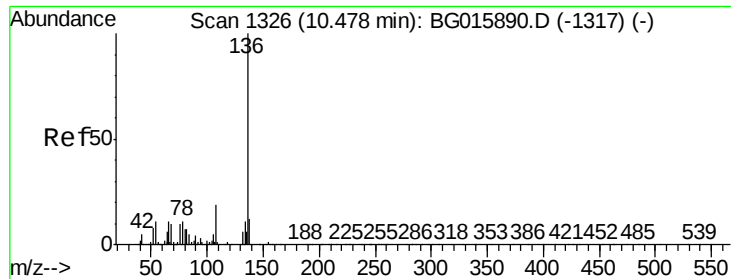


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

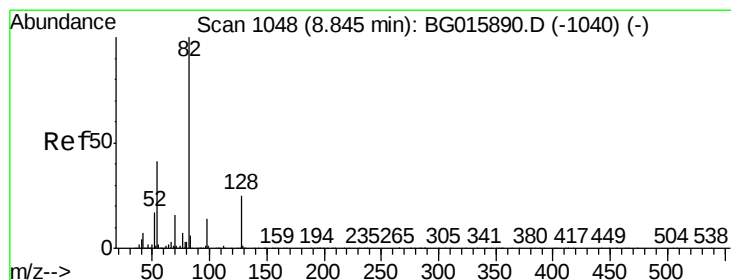
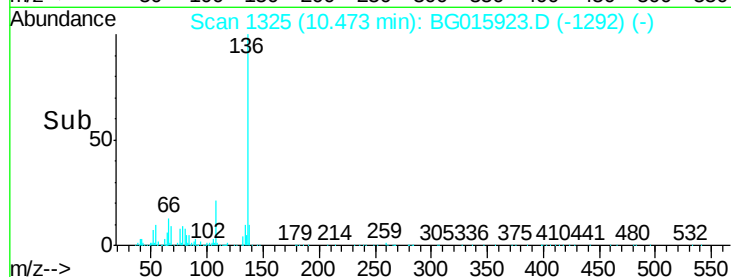
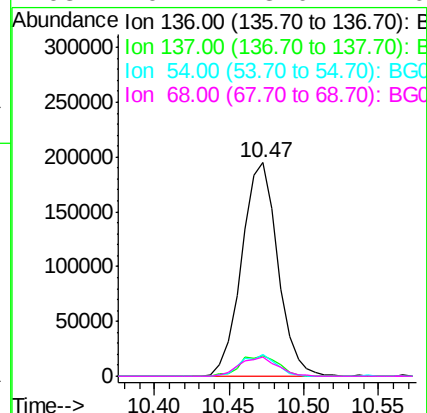
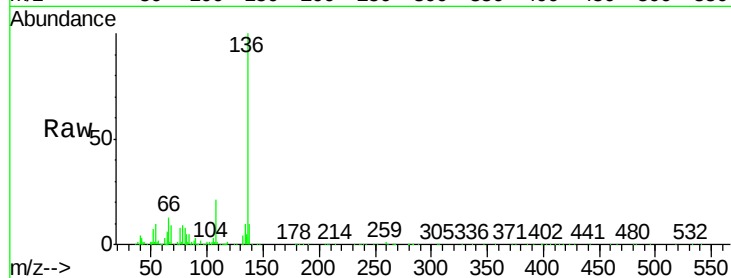




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

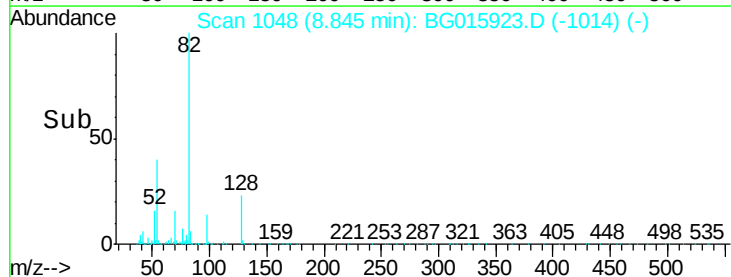
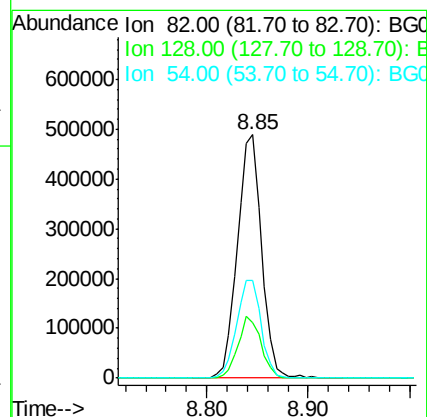
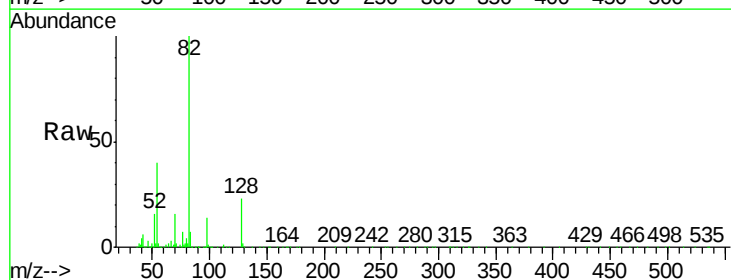
Instrument :
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MW-41(28-30)

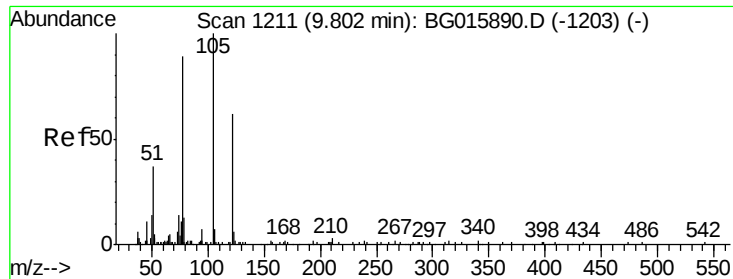
Tgt Ion:	136	Resp:	326257
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.7	14.5
54	10.4	8.5	12.7
68	9.2	8.0	12.0



#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

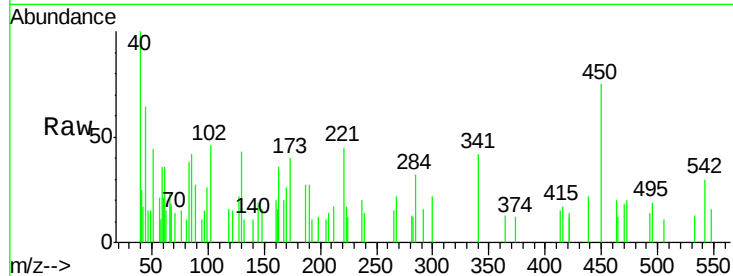




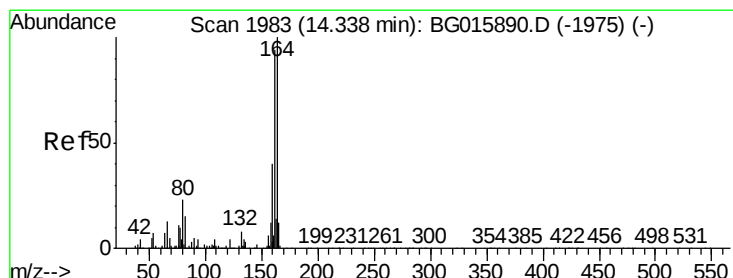
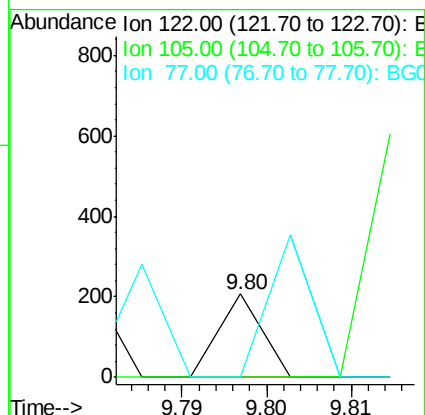
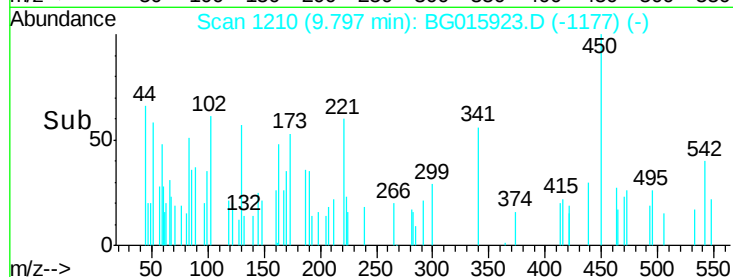
#32
Benzoic acid
Concen: 10.30 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

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

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	0.0	126.4	166.4#

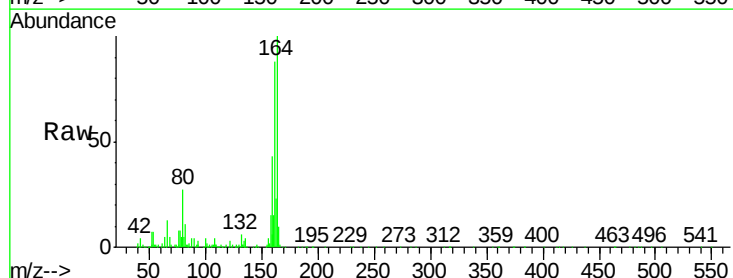


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

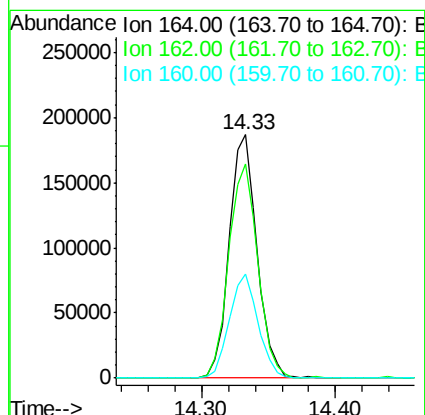
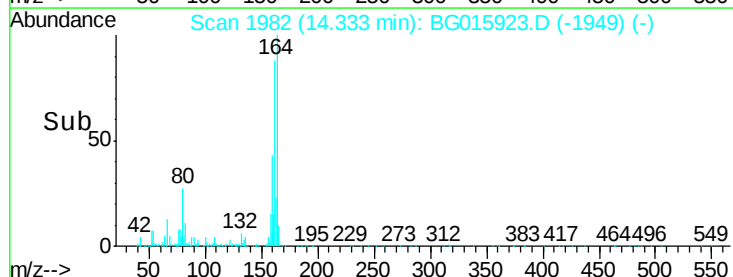


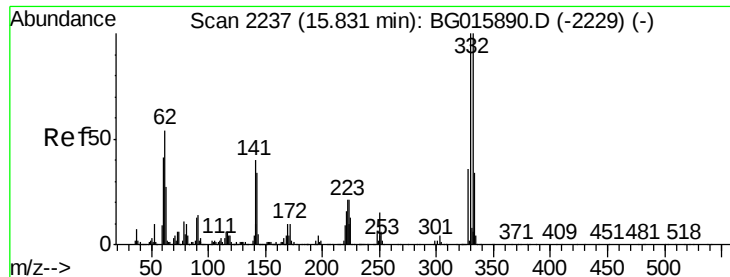
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

Tgt 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

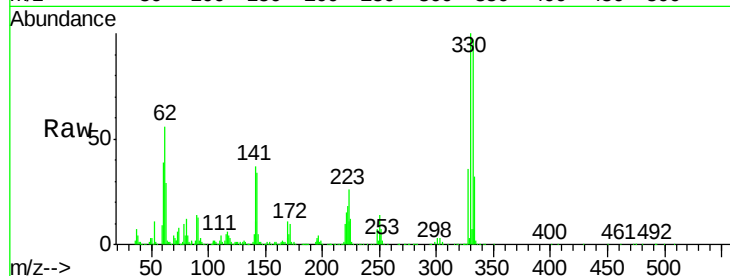




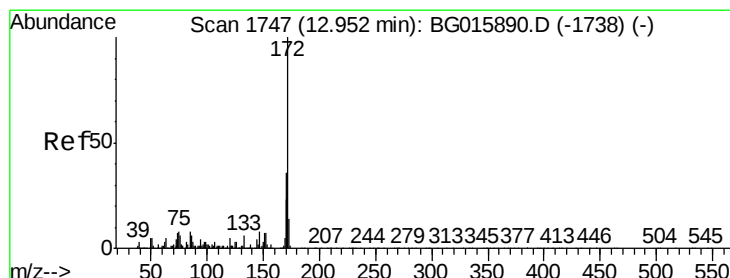
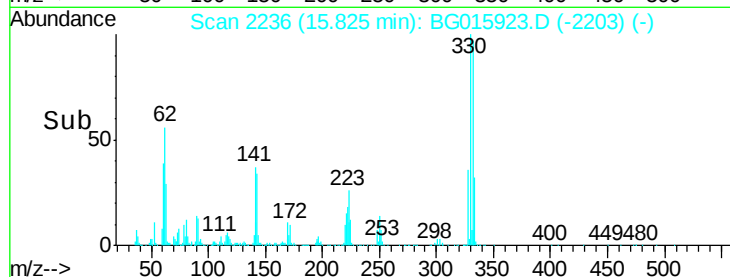
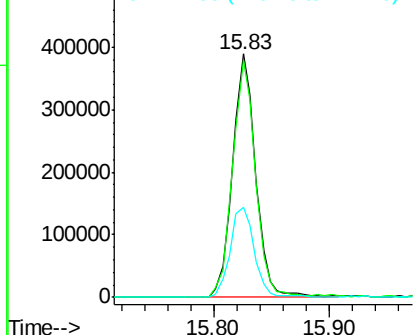
#41
2,4,6-Tribromophenol
Concen: 108.24 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

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

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

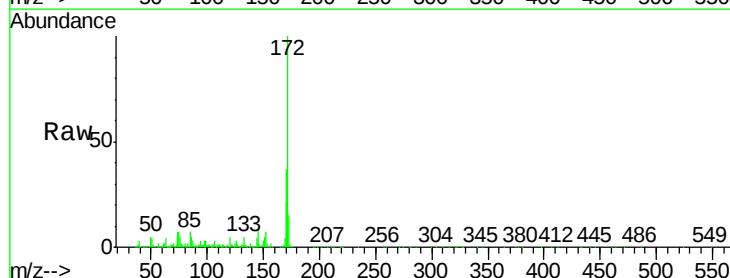


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

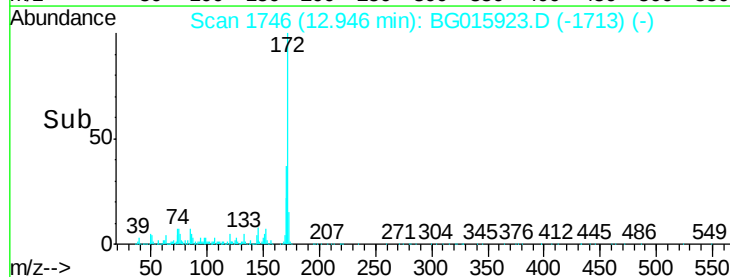
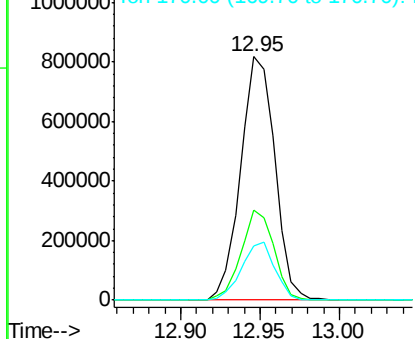


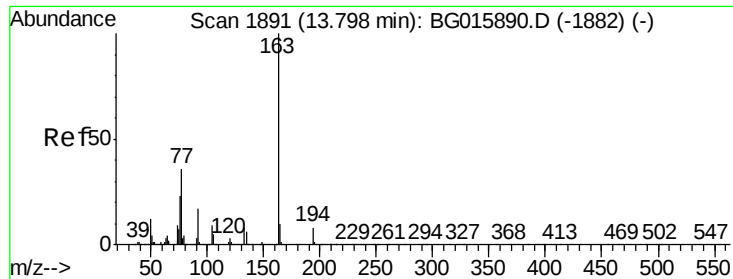
#44
2-Fluorobiphenyl
Concen: 70.39 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

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



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: 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

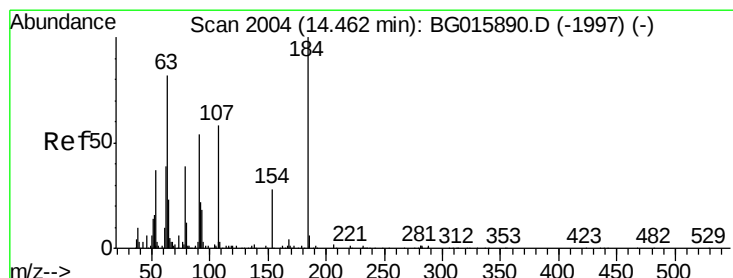
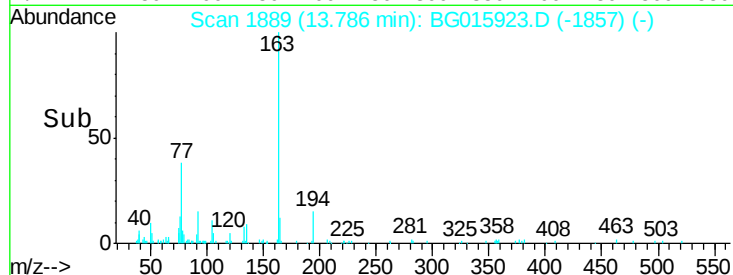
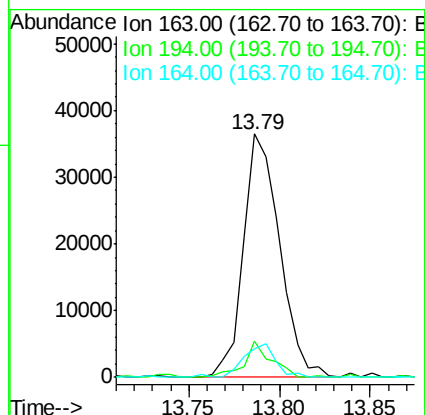
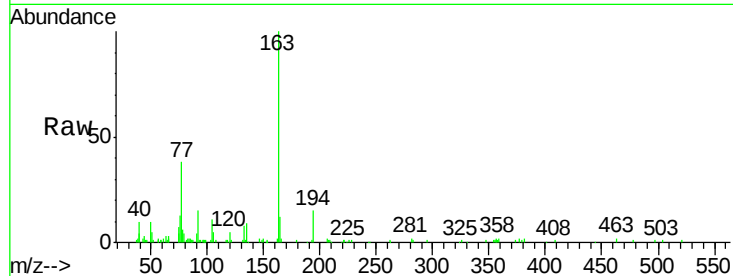
Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

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



#53

2,4-Dinitrophenol

Concen: 4.56 ng

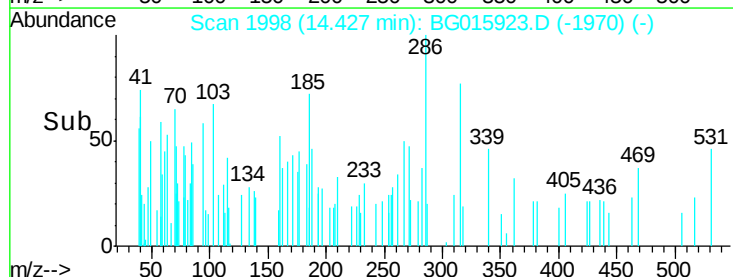
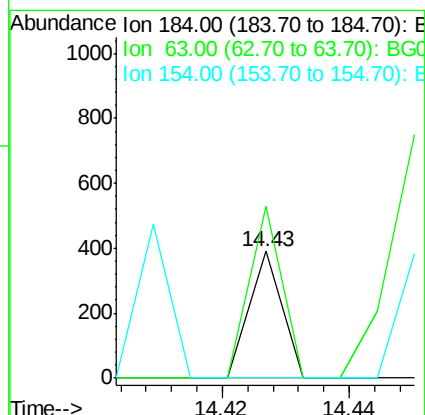
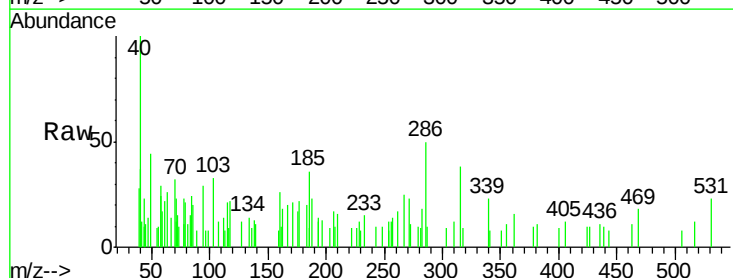
RT: 14.43 min Scan# 1998

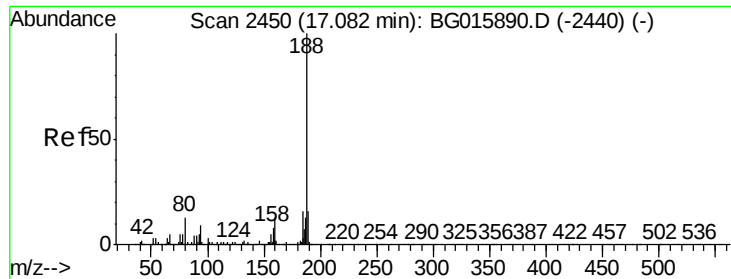
Delta R.T. -0.03 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

Tgt Ion:	184	Resp:	137
Ion Ratio	Lower	Upper	
184	100		
63	135.4	68.6	103.0#
154	0.0	54.9	82.3#

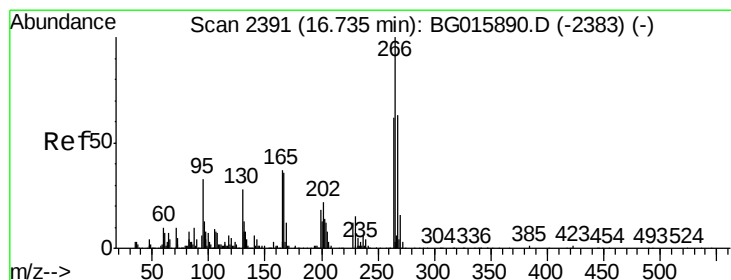
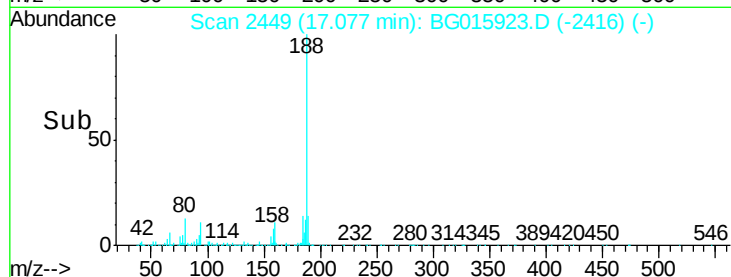
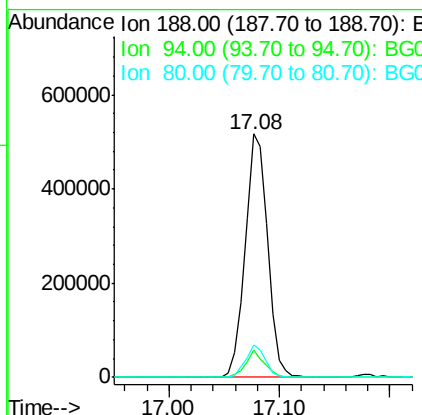
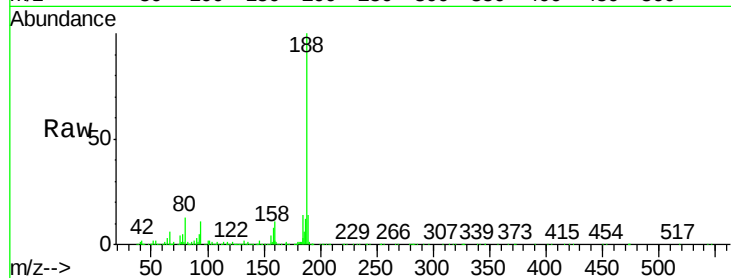




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

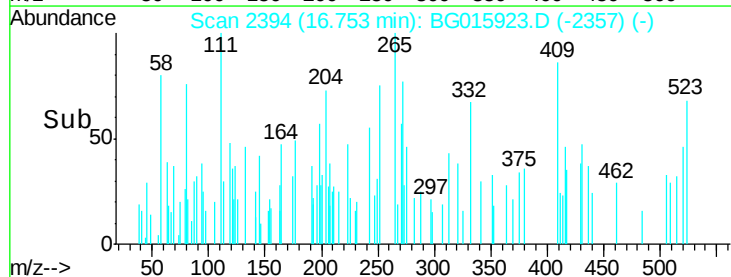
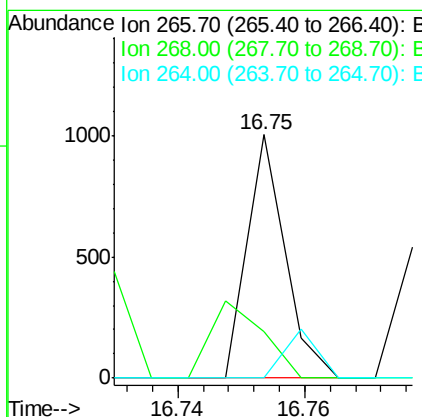
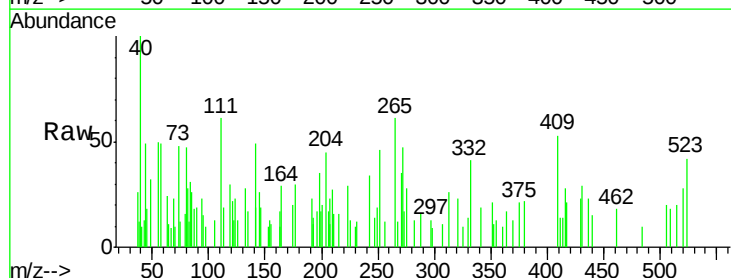
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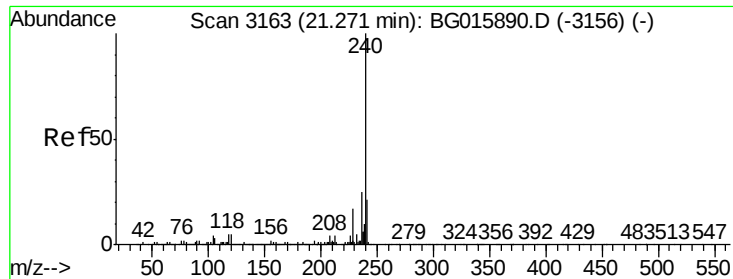
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.8	11.8
80	13.1	10.6	16.0



#69
Pentachlorophenol
Concen: 5.31 ng
RT: 16.75 min Scan# 2394
Delta R.T. 0.02 min
Lab File: BG015923.D
Acq: 26 Jan 2015 22:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	19.3	53.5	80.3#
264	0.0	51.9	77.9#





#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

Instrument :

BNA_G

ClientSampleId :

MW-41(28-30)

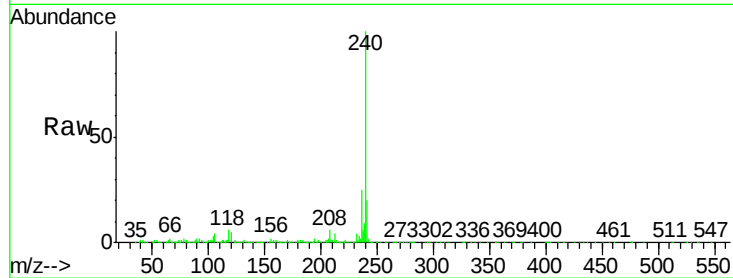
Tgt Ion:240 Resp: 992093

Ion Ratio Lower Upper

240 100

120 5.4 3.9 5.9

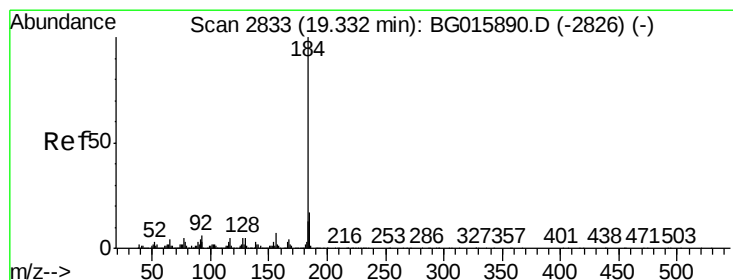
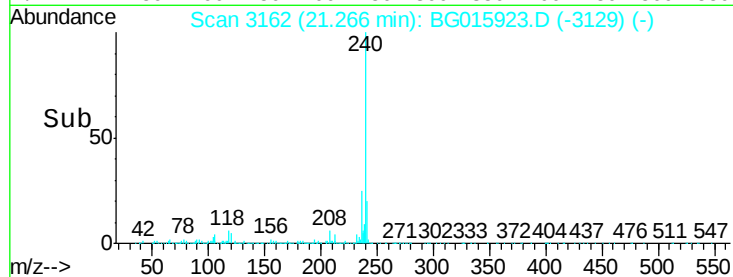
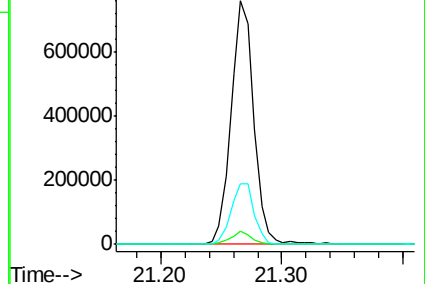
236 24.9 20.0 30.0



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



#76

Benzidine

Concen: 2.01 ng

RT: 19.34 min Scan# 2834

Delta R.T. 0.01 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

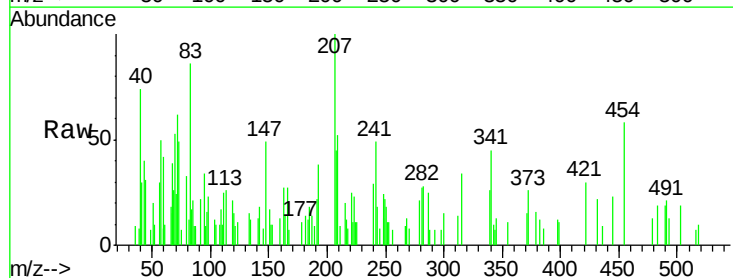
Tgt Ion:184 Resp: 531

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

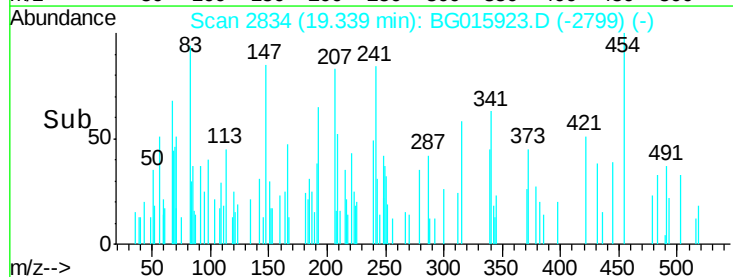
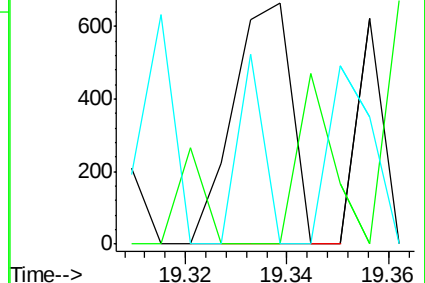
183 40.3 10.1 15.1#

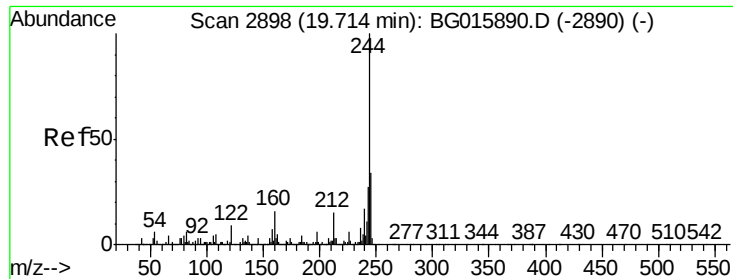


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): 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)

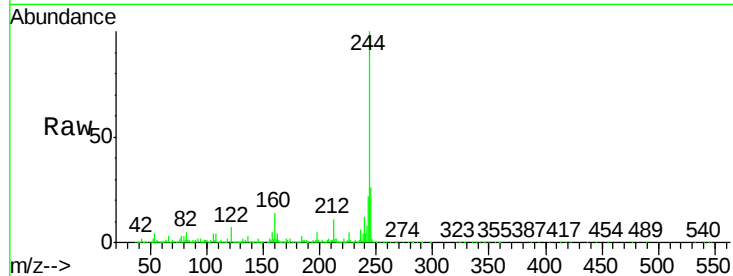
Tgt Ion:244 Resp: 2690957

Ion Ratio Lower Upper

244 100

212 10.7 11.6 17.4#

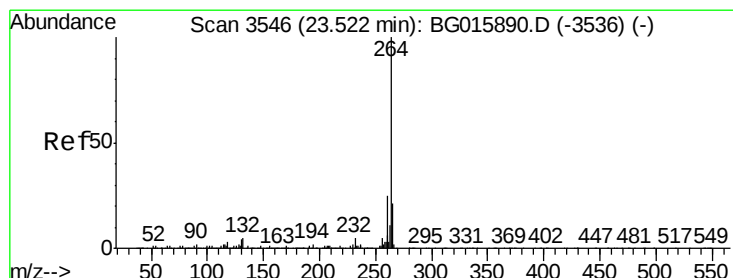
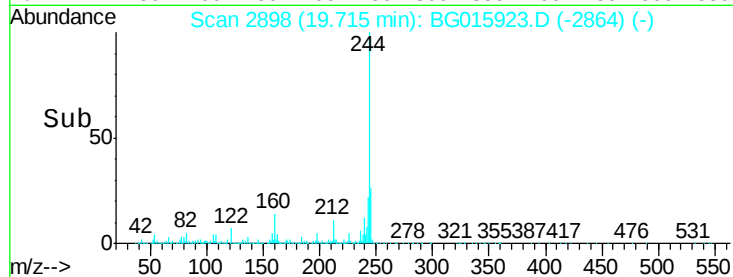
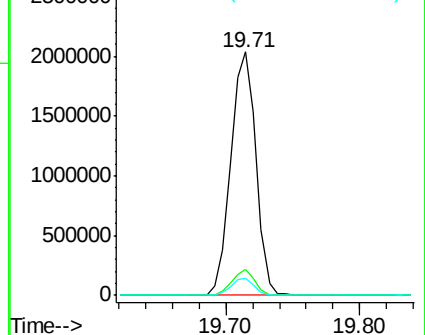
122 7.1 7.0 10.4



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: 23.52 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015923.D

Acq: 26 Jan 2015 22:03

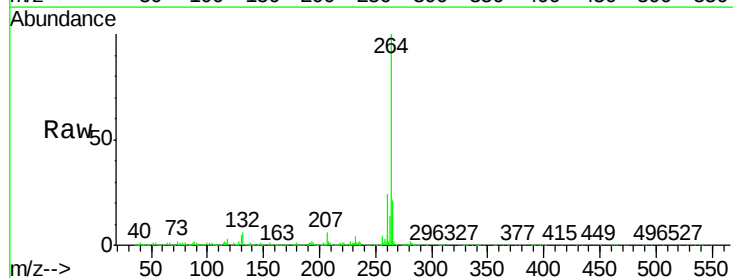
Tgt Ion:264 Resp: 978787

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.1 17.3 25.9



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

