

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015946.D
 Acq On : 27 Jan 2015 13:46
 Operator : TP/IZ
 Sample : G1167-13
 Misc : W
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-03

Quant Time: Jan 28 00:01:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 23:52:02 2015
 Response via : Initial Calibration

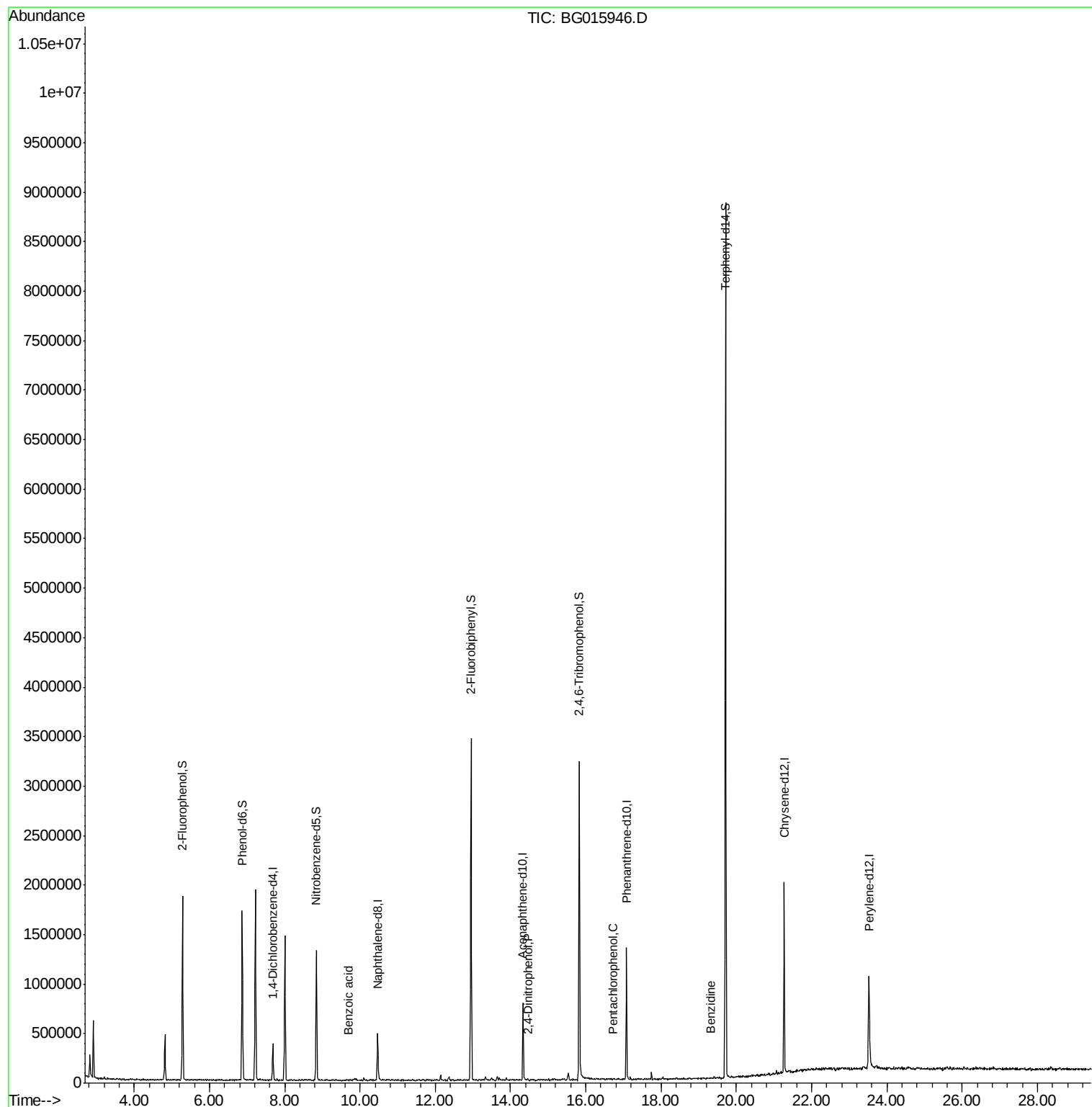
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	72798	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	277685	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	233537	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	690414	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1024321	20.00	ng	0.00
86) Perylene-d12	23.52	264	909210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	565265	115.63	ng	0.00
7) Phenol-d6	6.87	99	827491	105.04	ng	0.00
23) Nitrobenzene-d5	8.84	82	802650	83.32	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	569518	133.21	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1507132	101.26	ng	0.00
78) Terphenyl-d14	19.71	244	3297083	96.00	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	152	10.37	ng	Qvalue 96
53) 2,4-Dinitrophenol	14.45	184	121	4.56	ng	# 88
69) Pentachlorophenol	16.73	266	398	5.31	ng	# 42
76) Benzidine	19.32	184	499	2.01	ng	# 64
80) Benzo(a)anthracene	21.28	228	4227	Below Cal		# 45

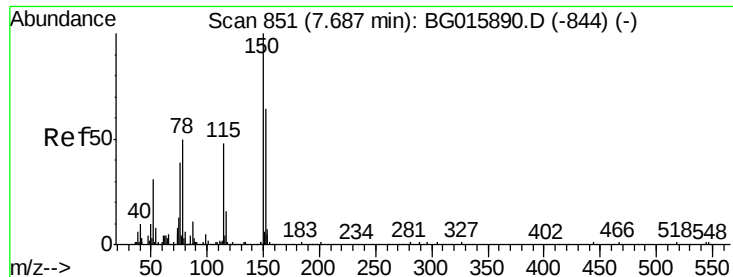
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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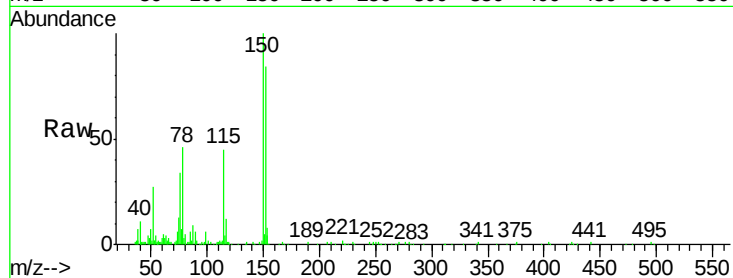


#1

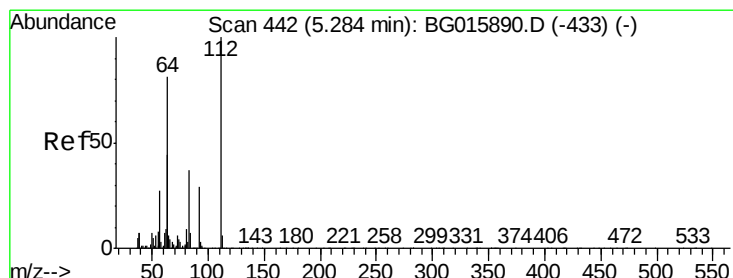
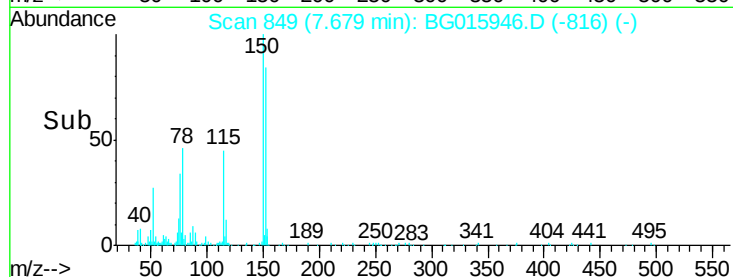
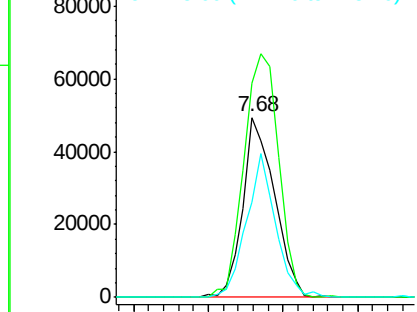
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

Instrument :
BNA_G
ClientSampleId :
WC-03

Tgt Ion:152 Resp: 72798
Ion Ratio Lower Upper
152 100
150 118.7 124.5 186.7#
115 52.9 60.4 90.6#



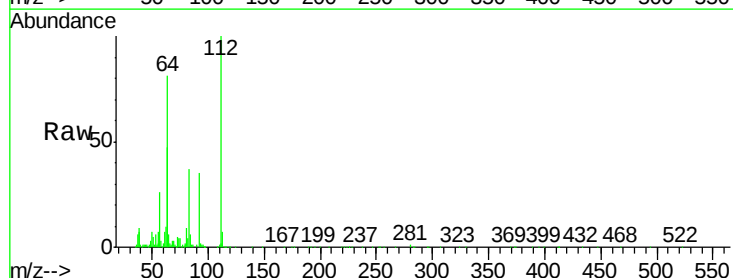
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



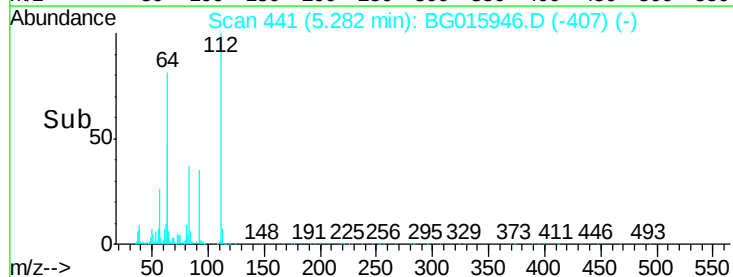
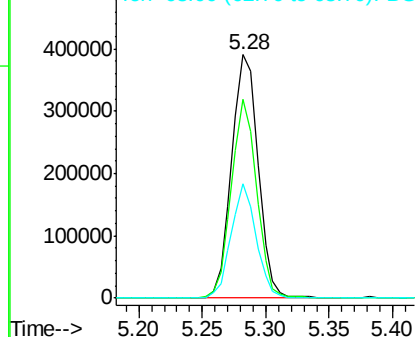
#5

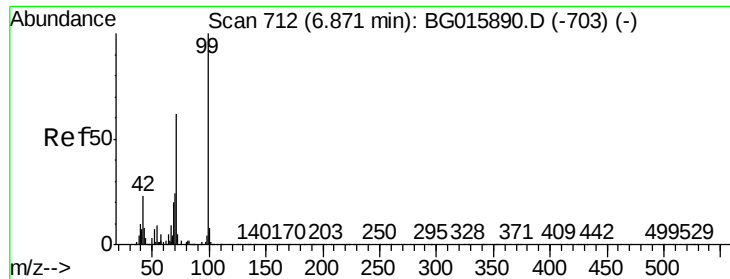
2-Fluorophenol
Concen: 115.63 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

Tgt Ion:112 Resp: 565265
Ion Ratio Lower Upper
112 100
64 81.5 64.4 96.6
63 47.1 35.1 52.7



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: 105.04 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

Instrument :

BNA_G

ClientSampleId :

WC-03

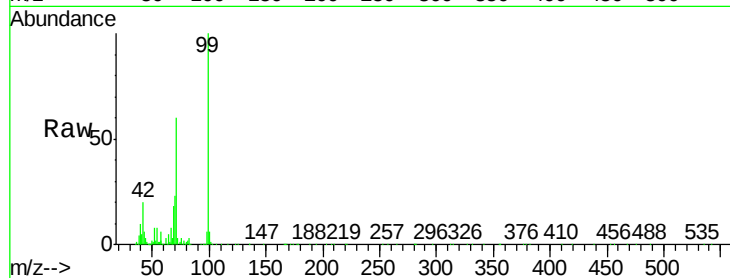
Tgt Ion: 99 Resp: 827491

Ion Ratio Lower Upper

99 100

42 19.9 18.1 27.1

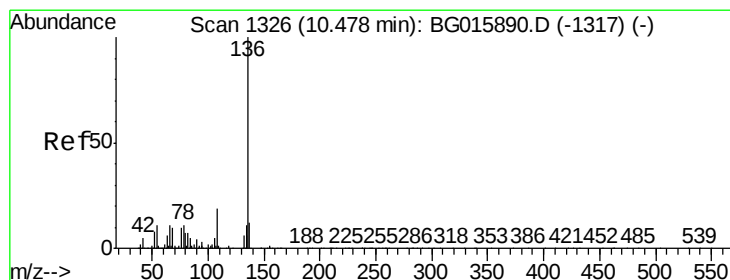
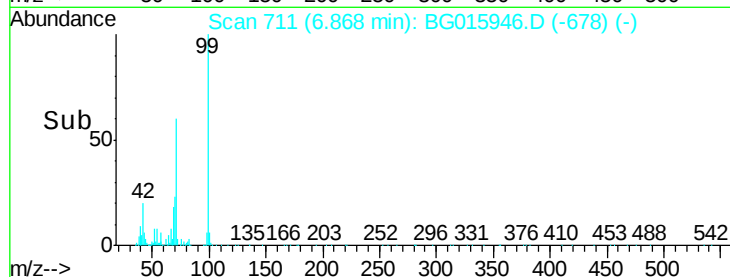
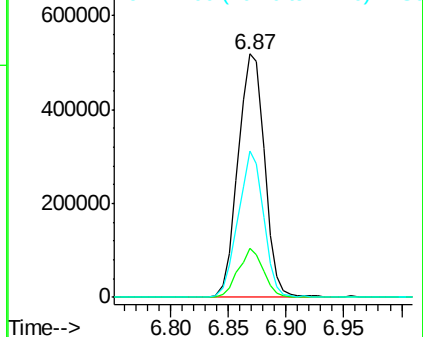
71 60.3 49.8 74.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

Tgt Ion: 136 Resp: 277685

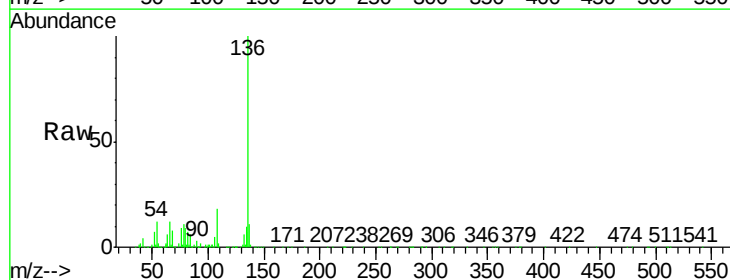
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 11.6 8.5 12.7

68 7.6 8.0 12.0#

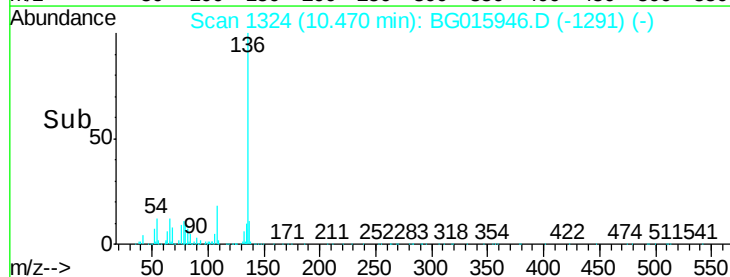
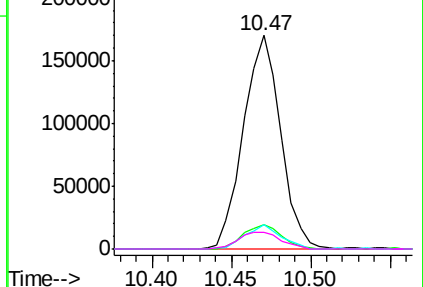


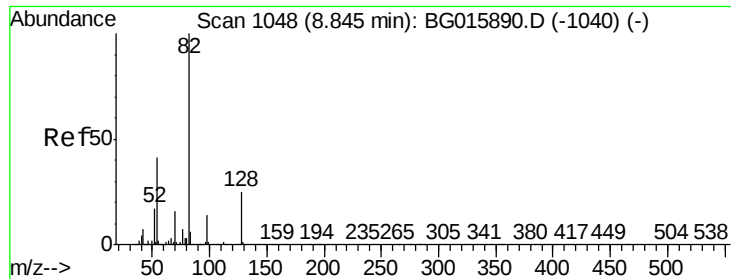
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

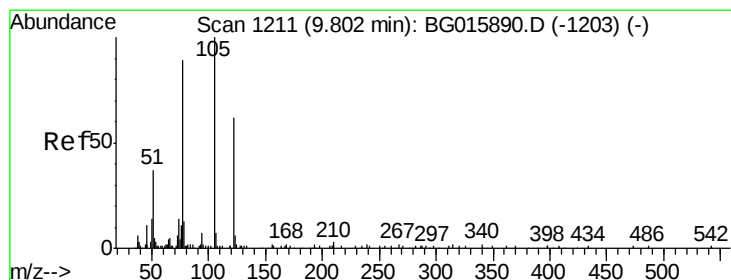
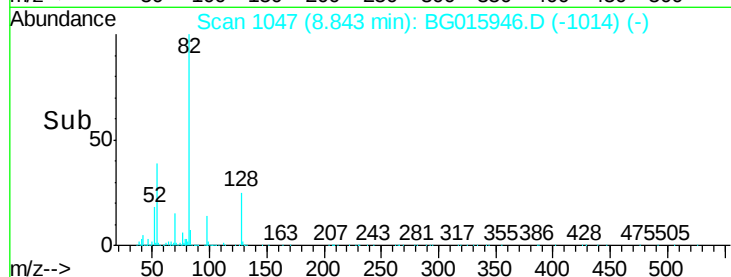
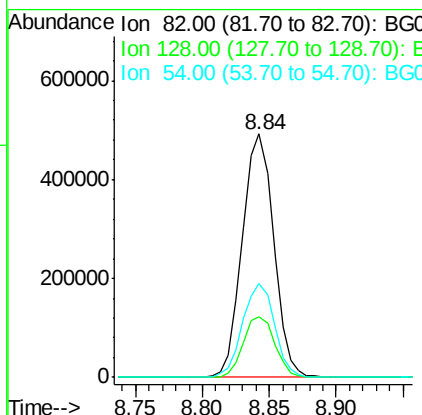
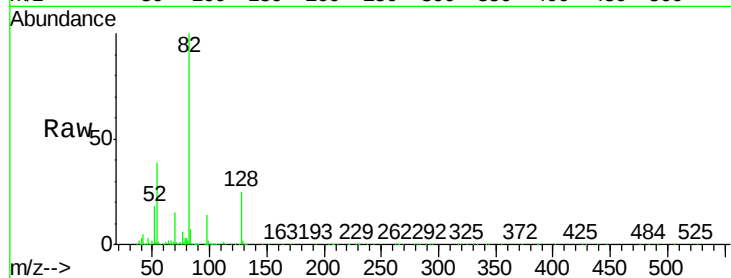




#23
Nitrobenzene-d5
Concen: 83.32 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

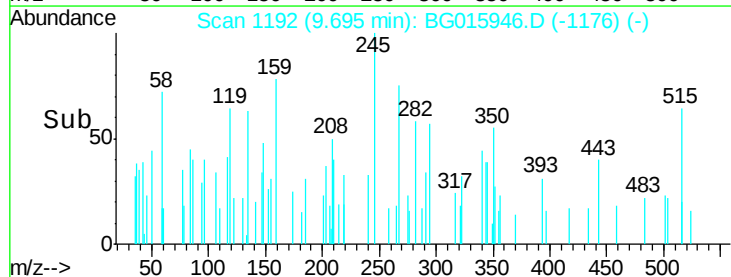
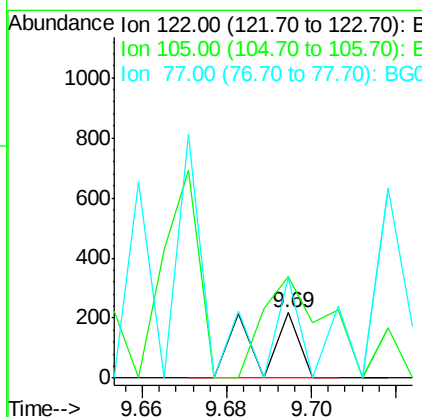
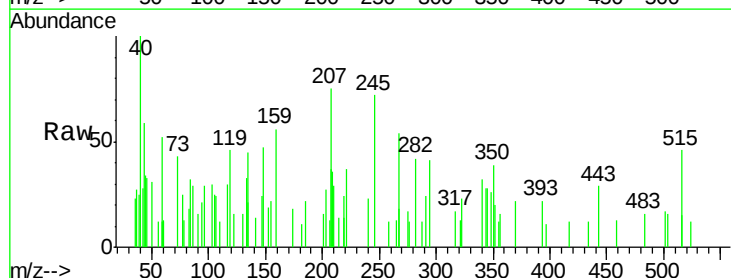
Instrument :
BNA_G
ClientSampleId :
WC-03

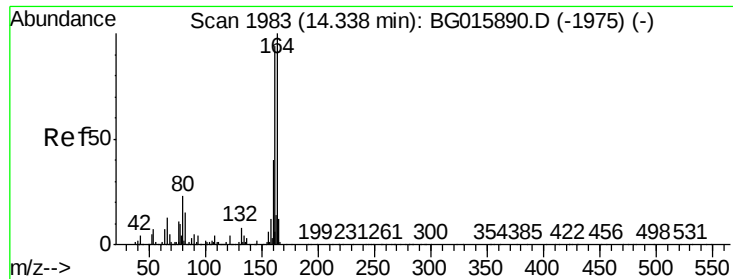
Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.1	19.8	29.8
54	38.7	33.0	49.4



#32
Benzoic acid
Concen: 10.37 ng
RT: 9.69 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	156.0	140.2	180.2
77	153.7	126.4	166.4

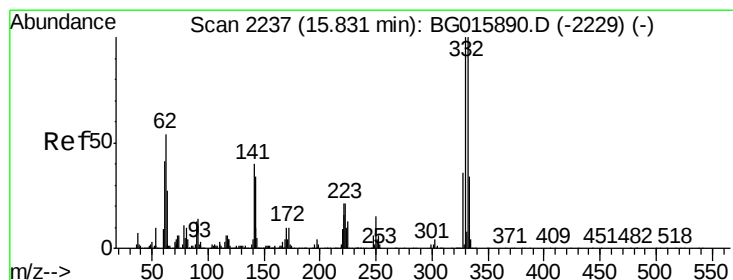
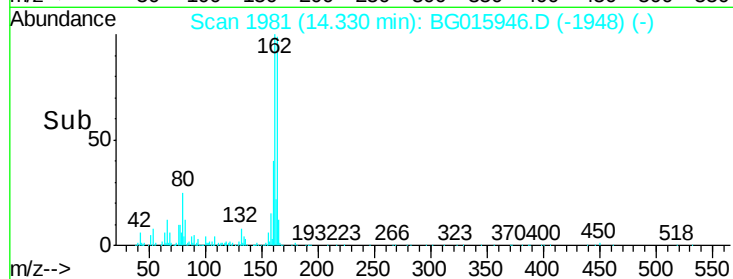
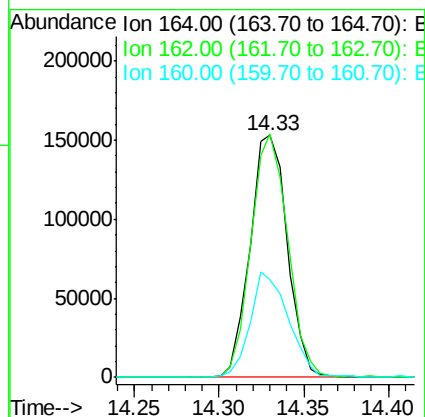
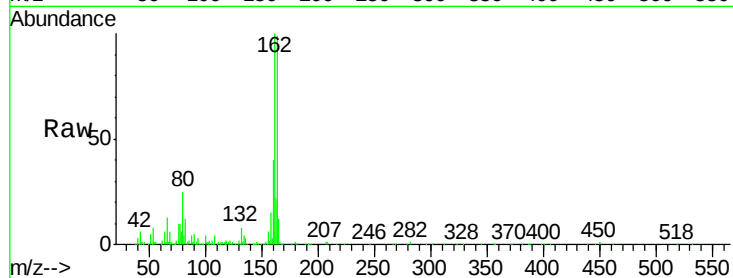




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

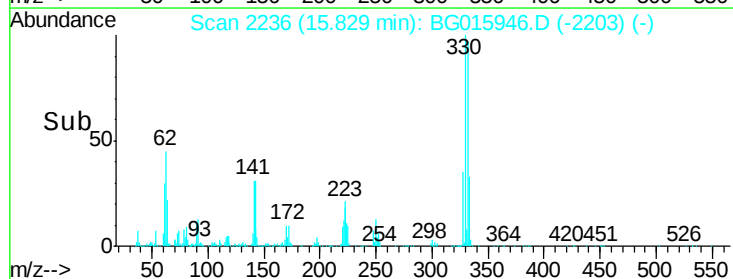
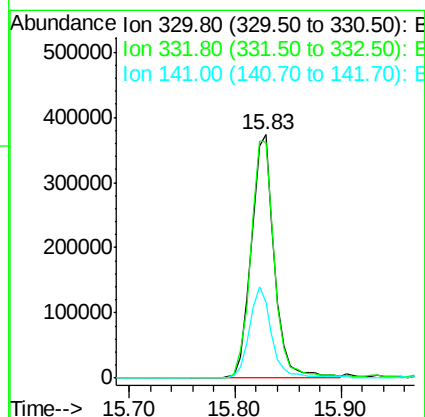
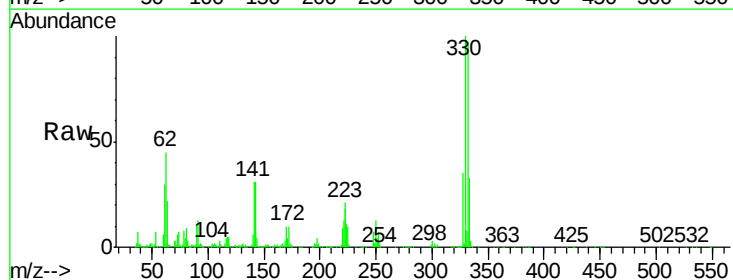
Instrument :
BNA_G
ClientSampleId :
WC-03

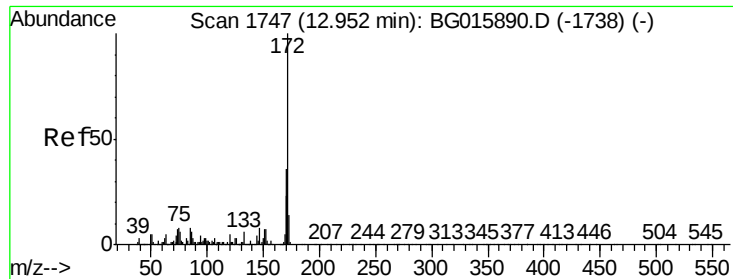
Tgt Ion:164 Resp: 233537
Ion Ratio Lower Upper
164 100
162 100.6 75.1 112.7
160 40.3 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 133.21 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

Tgt Ion:330 Resp: 569518
Ion Ratio Lower Upper
330 100
332 100.5 75.4 113.0
141 36.2 33.0 49.6





#44

2-Fluorobiphenyl

Concen: 101.26 ng

RT: 12.95 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

Instrument :

BNA_G

ClientSampled :

WC-03

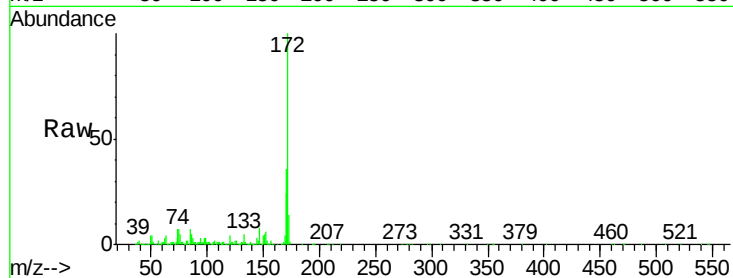
Tgt Ion:172 Resp: 1507132

Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

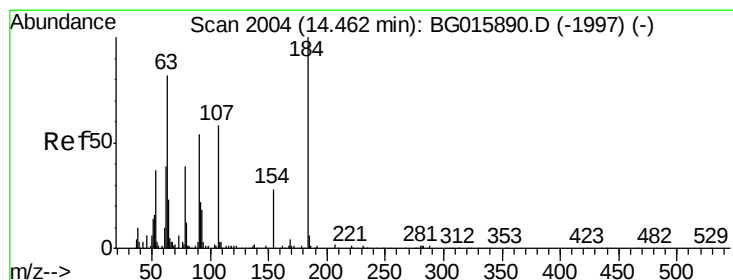
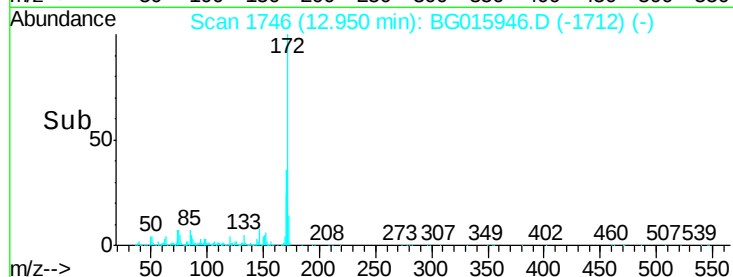
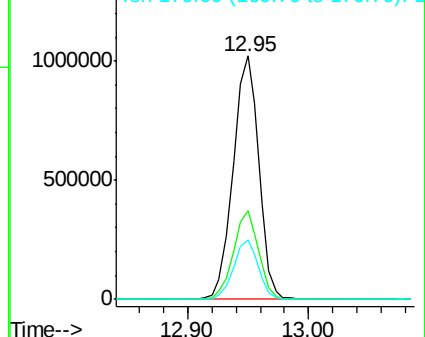
170 24.2 18.6 27.8



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



#53

2,4-Dinitrophenol

Concen: 4.56 ng

RT: 14.45 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

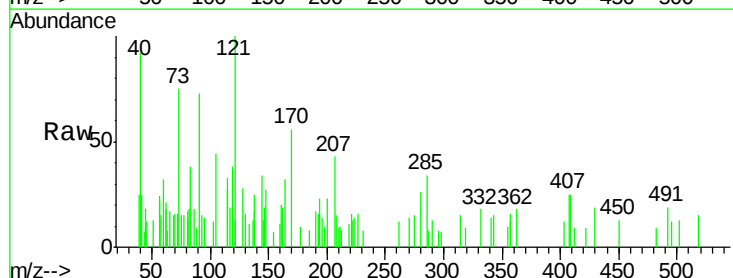
Tgt Ion:184 Resp: 121

Ion Ratio Lower Upper

184 100

63 91.1 68.6 103.0

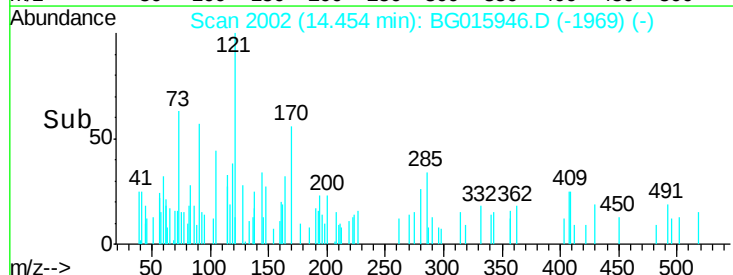
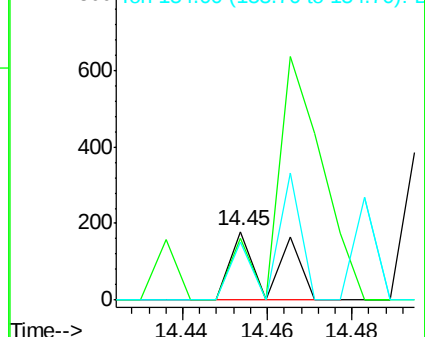
154 84.4 54.9 82.3#

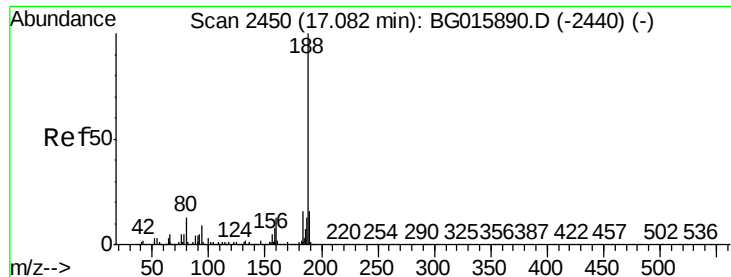


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG015946.D

Ion 154.00 (153.70 to 154.70): E

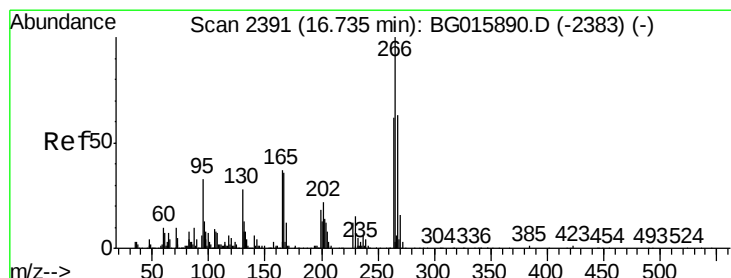
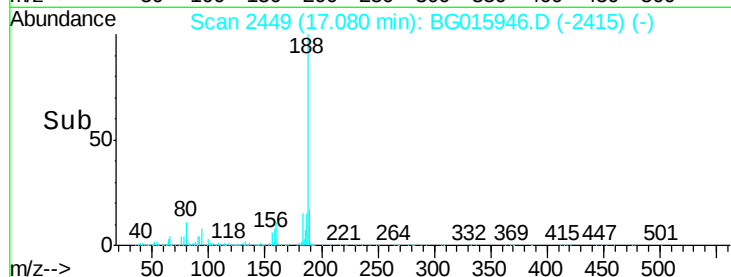
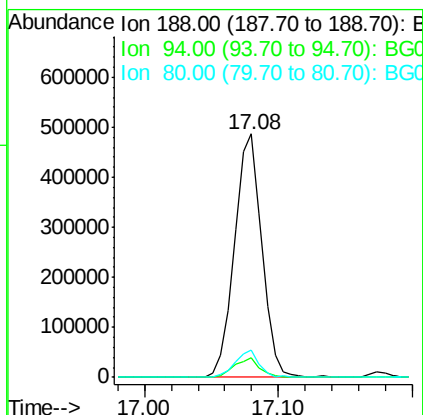
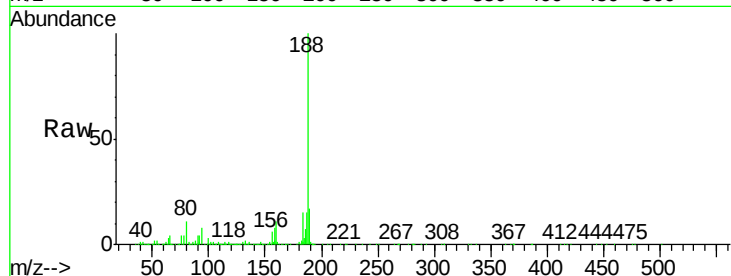




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

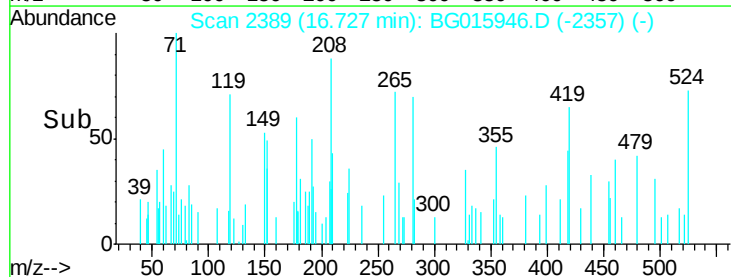
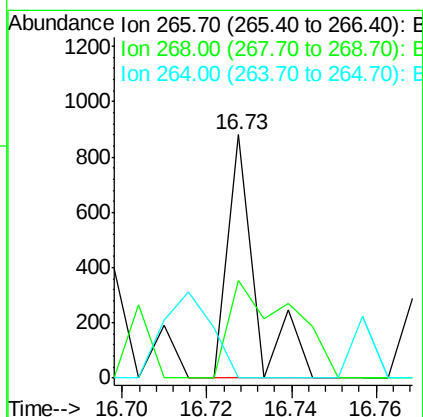
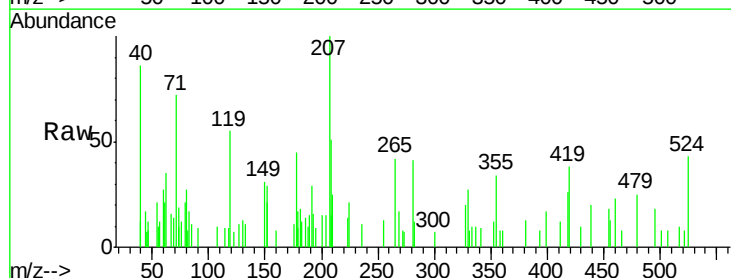
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ClientSampleId :
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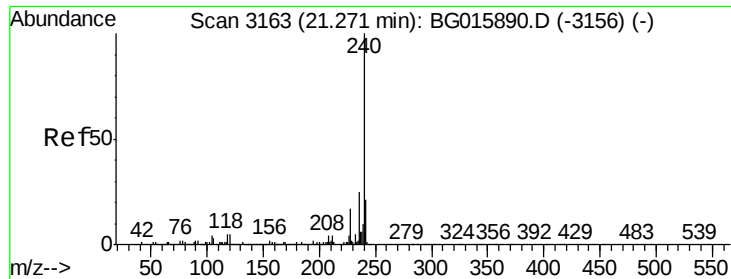
Tgt Ion:188 Resp: 690414
Ion Ratio Lower Upper
188 100
94 8.0 7.8 11.8
80 11.1 10.6 16.0



#69
Pentachlorophenol
Concen: 5.31 ng
RT: 16.73 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BG015946.D
Acq: 27 Jan 2015 13:46

Tgt Ion:266 Resp: 398
Ion Ratio Lower Upper
266 100
268 40.1 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. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

Instrument :

BNA_G

ClientSampleId :

WC-03

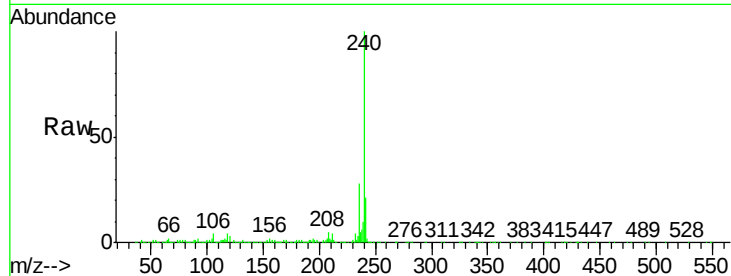
Tgt Ion:240 Resp: 1024321

Ion Ratio Lower Upper

240 100

120 3.5 3.9 5.9#

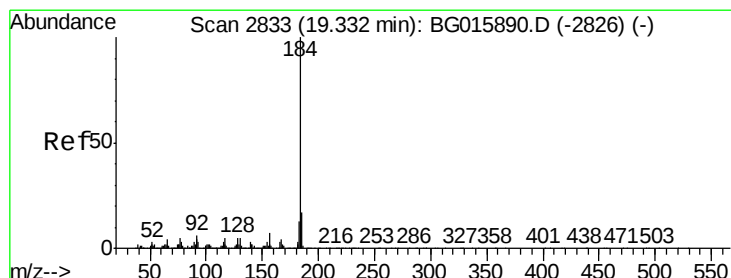
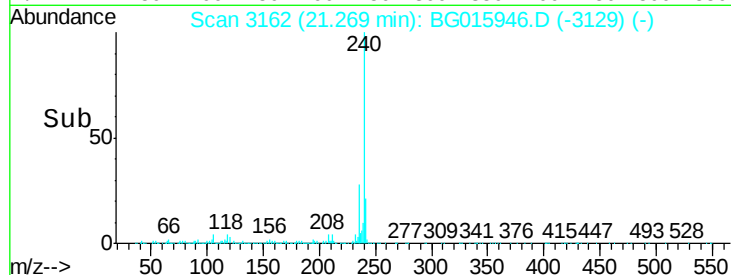
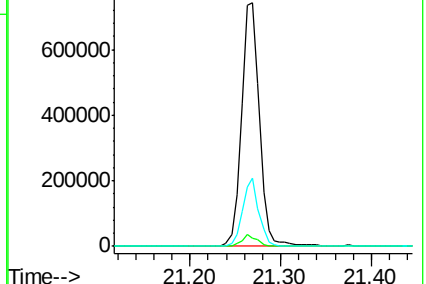
236 27.9 20.0 30.0



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: 19.32 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

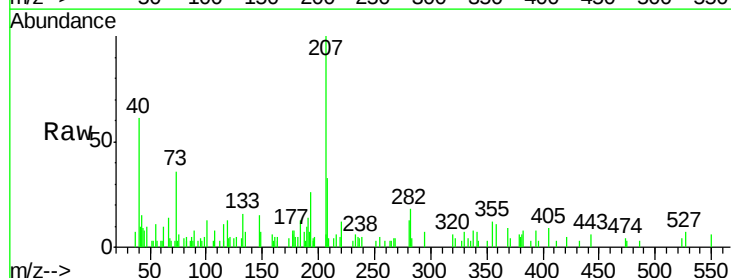
Tgt Ion:184 Resp: 499

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

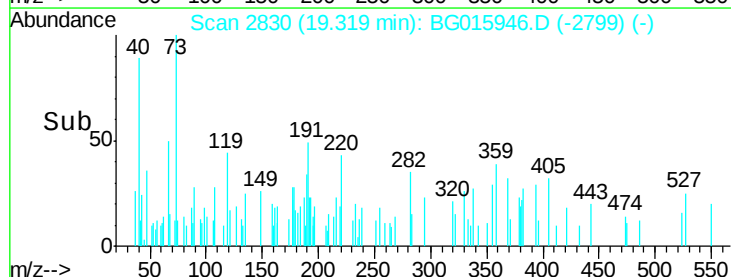
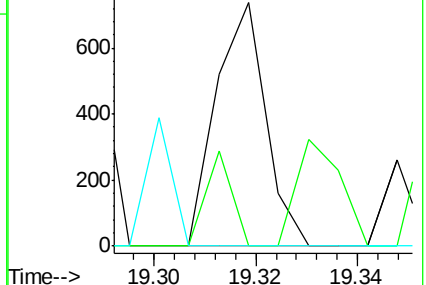
183 0.0 10.1 15.1#

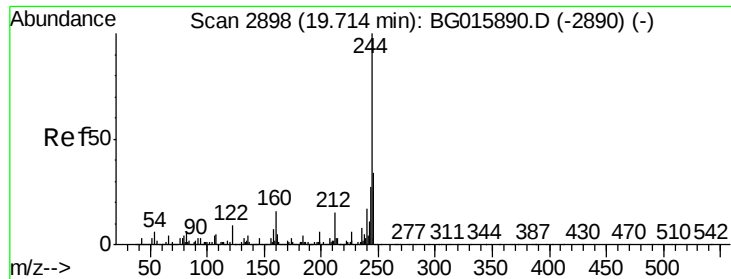


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.00 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

Instrument :

BNA_G

ClientSampleId :

WC-03

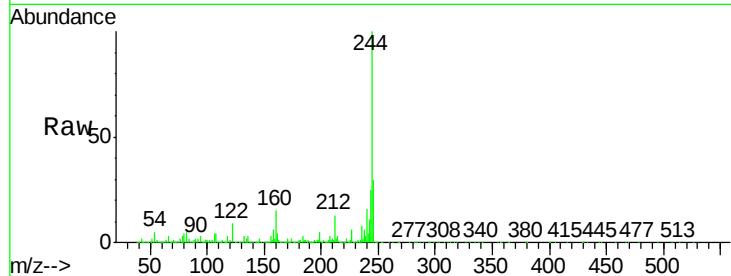
Tgt Ion:244 Resp: 3297083

Ion Ratio Lower Upper

244 100

212 12.8 11.6 17.4

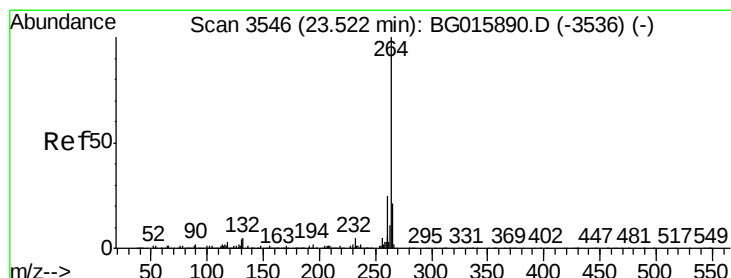
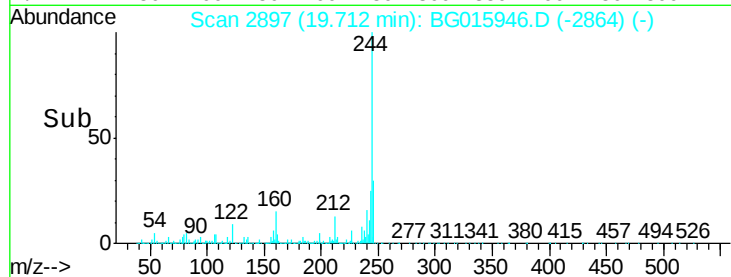
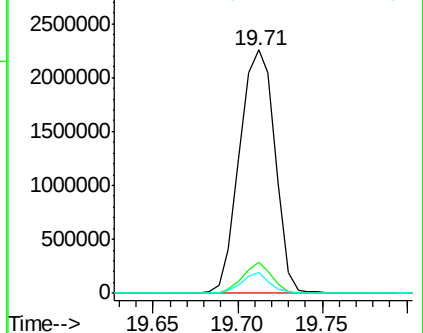
122 8.5 7.0 10.4



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# 3545

Delta R.T. -0.00 min

Lab File: BG015946.D

Acq: 27 Jan 2015 13:46

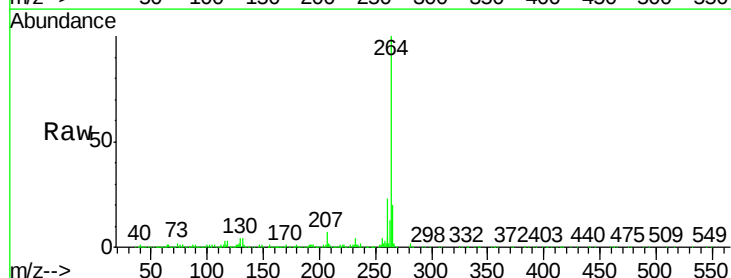
Tgt Ion:264 Resp: 909210

Ion Ratio Lower Upper

264 100

260 22.9 19.7 29.5

265 20.0 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

