

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015964.D
 Acq On : 28 Jan 2015 2:36
 Operator : TP/IZ
 Sample : G1159-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-85(7-9)

Quant Time: Jan 28 05:17:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

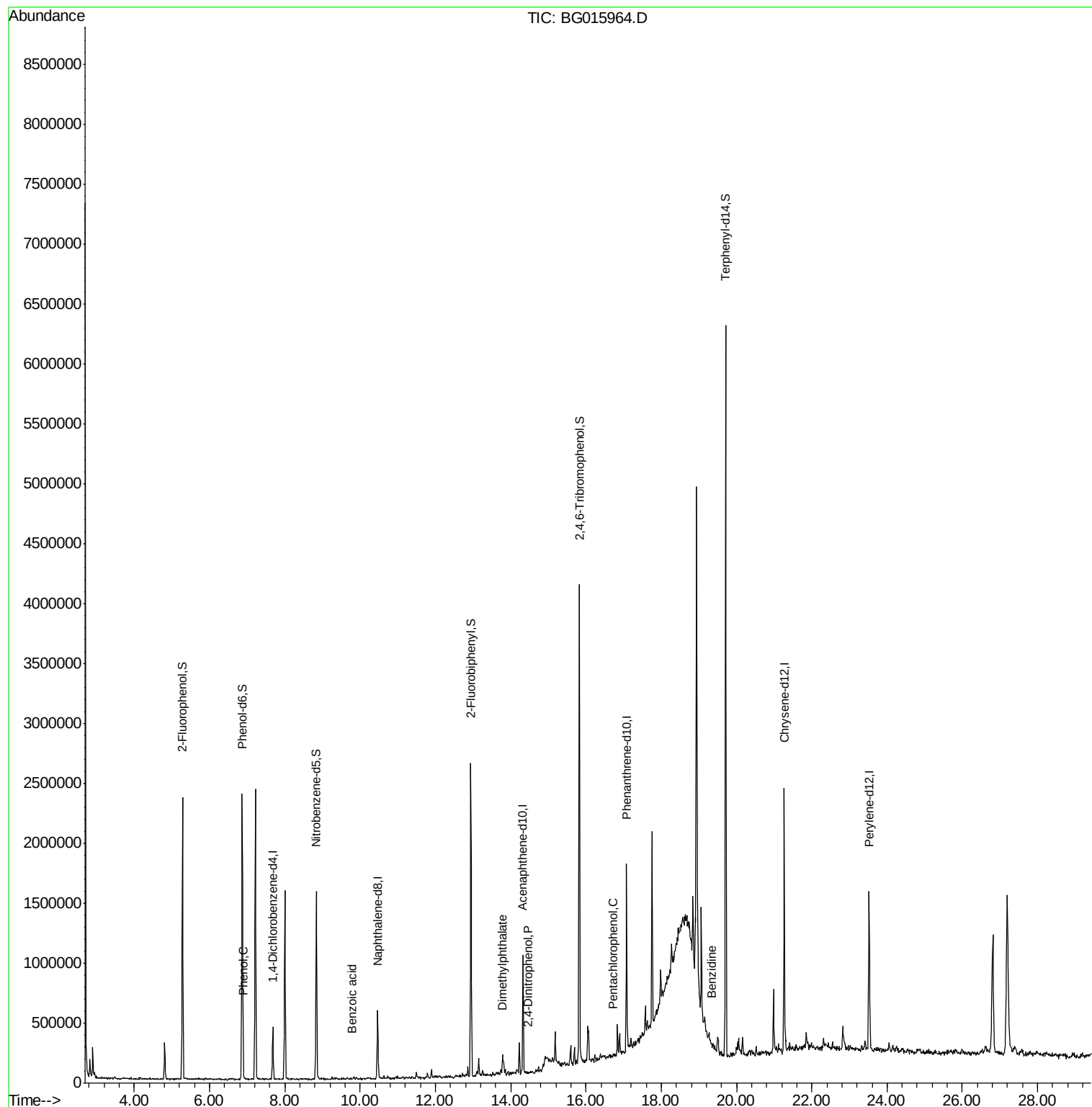
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	90376	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	354820	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	293393	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	775266	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1052086	20.00	ng	0.00
86) Perylene-d12	23.52	264	1041593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	759218	125.10	ng	0.00
7) Phenol-d6	6.87	99	1203101	123.02	ng	0.00
23) Nitrobenzene-d5	8.84	82	929386	75.50	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	723868	134.77	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1169195	62.53	ng	0.00
78) Terphenyl-d14	19.72	244	2550154	62.95	ng	0.00
Target Compounds						
10) Phenol	6.90	94	39200	3.52	ng	Qvalue 98
32) Benzoic acid	9.79	122	587	10.64	ng	# 1
49) Dimethylphthalate	13.78	163	79130	3.75	ng	# 94
53) 2,4-Dinitrophenol	14.46	184	121	4.55	ng	# 42
69) Pentachlorophenol	16.73	266	176	5.26	ng	# 23
76) Benzidine	19.34	184	405	2.00	ng	# 1

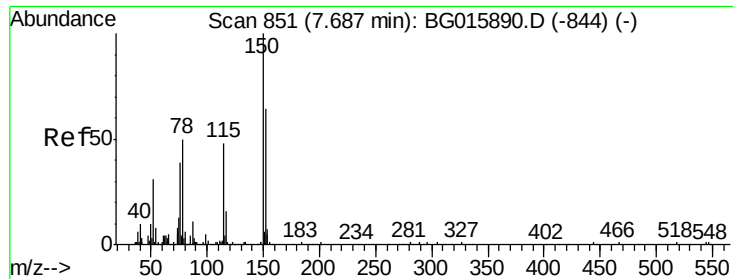
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 28 01:36:36 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

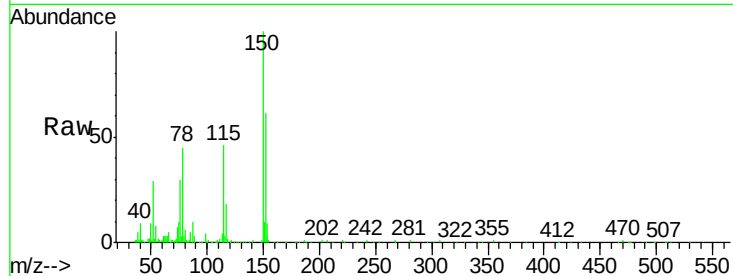
Tgt Ion:152 Resp: 90376

Ion Ratio Lower Upper

152 100

150 162.9 124.5 186.7

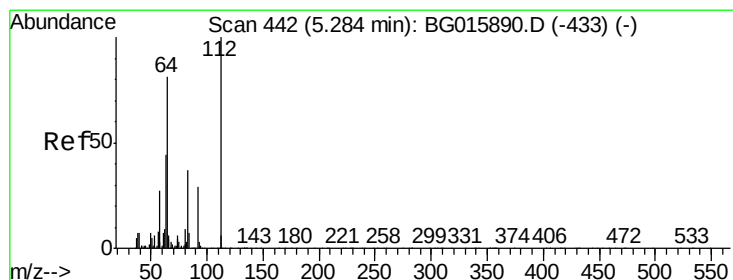
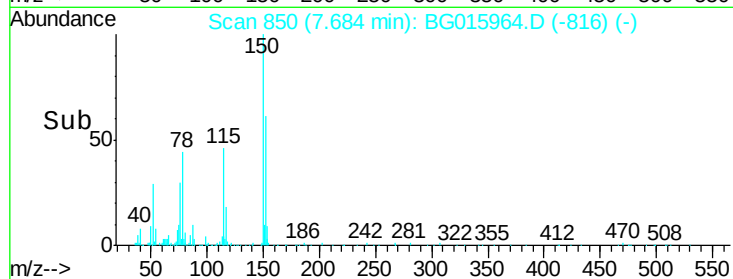
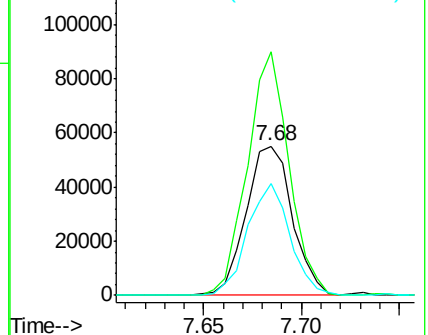
115 75.1 60.4 90.6



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: 125.10 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

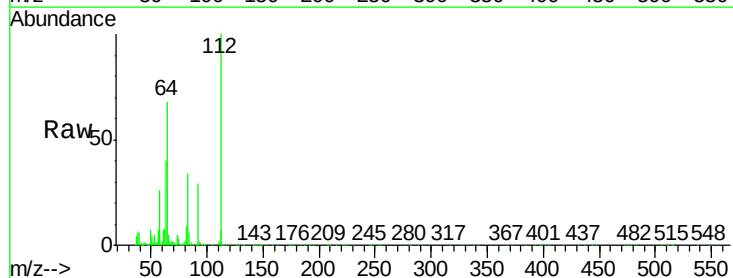
Tgt Ion:112 Resp: 759218

Ion Ratio Lower Upper

112 100

64 68.1 64.4 96.6

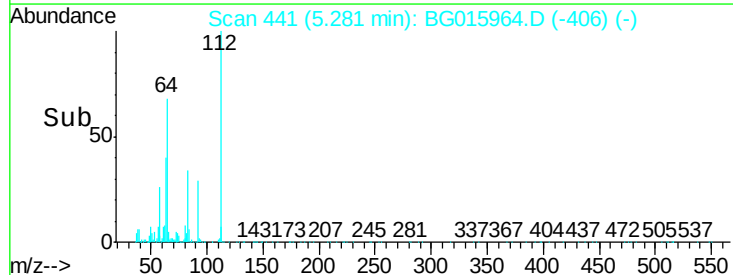
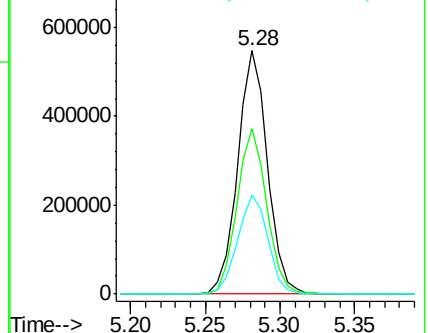
63 40.4 35.1 52.7

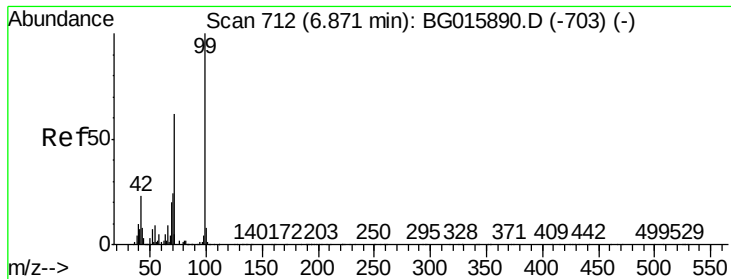


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.02 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

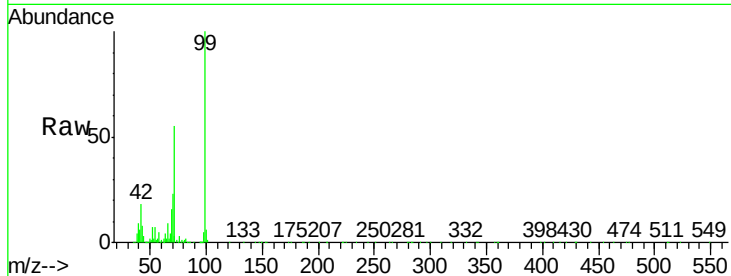
Tgt Ion: 99 Resp: 1203101

Ion Ratio Lower Upper

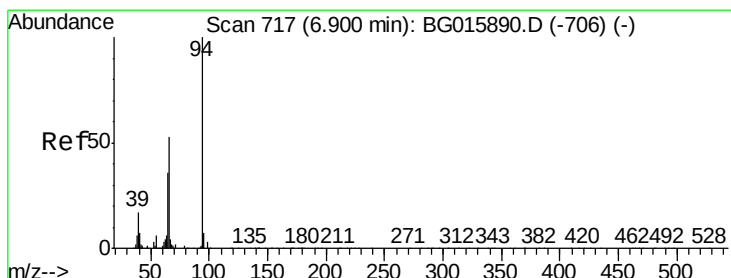
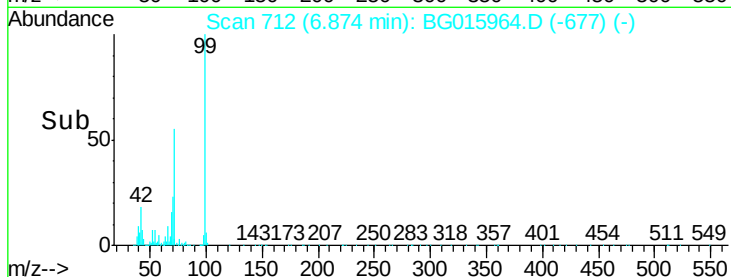
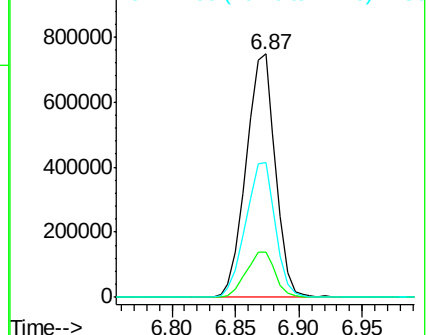
99 100

42 18.3 18.1 27.1

71 55.5 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: 3.52 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

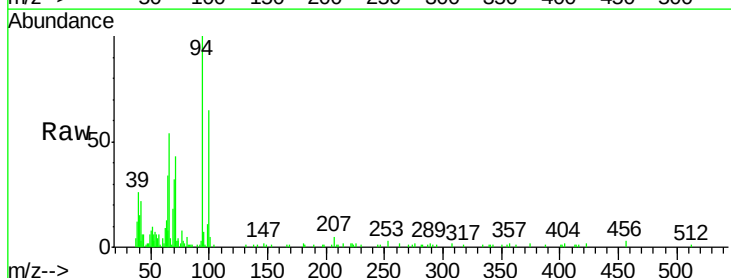
Tgt Ion: 94 Resp: 39200

Ion Ratio Lower Upper

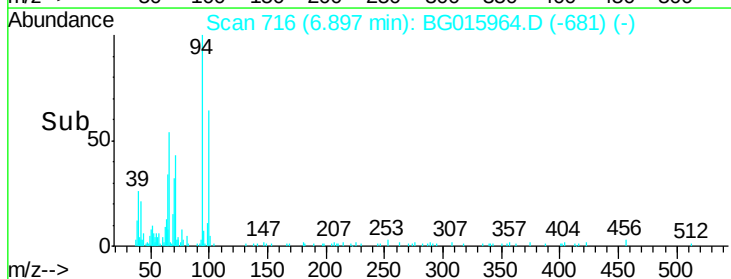
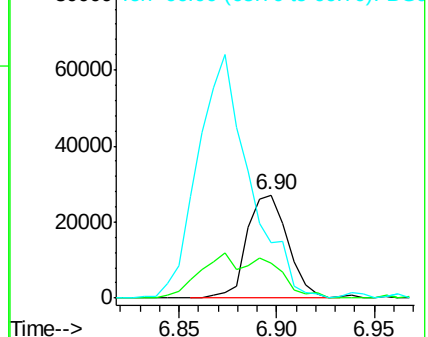
94 100

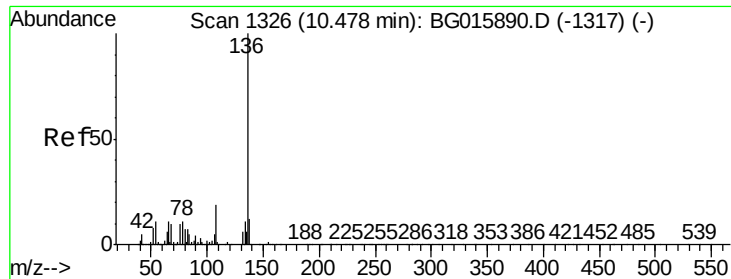
65 33.7 16.5 56.5

66 53.7 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

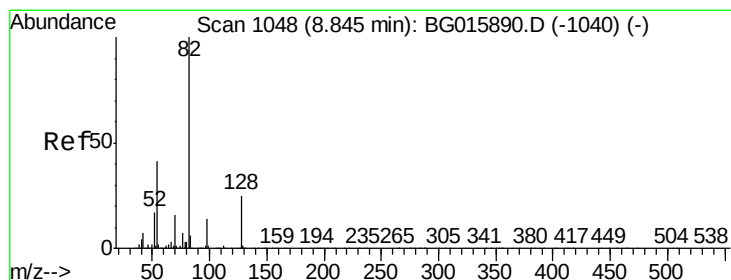
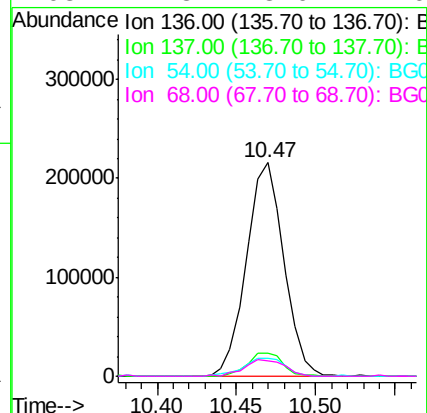
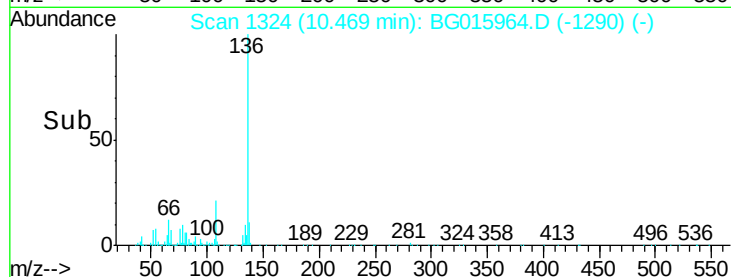
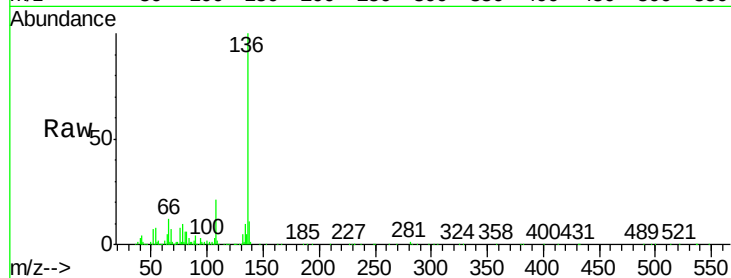




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

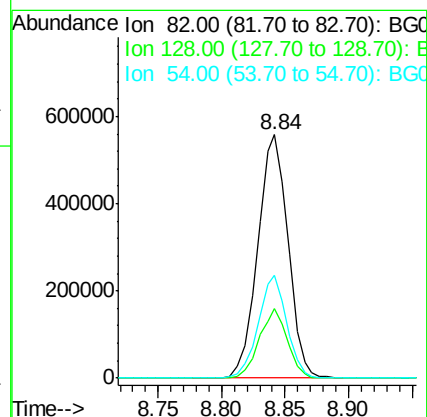
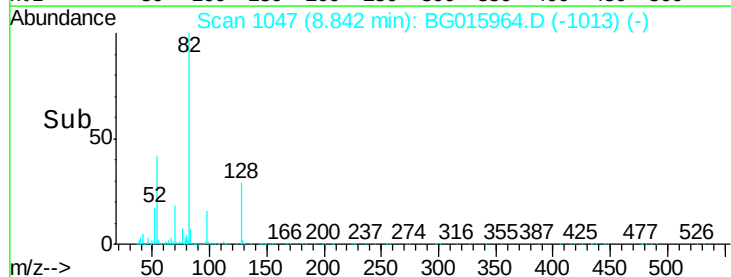
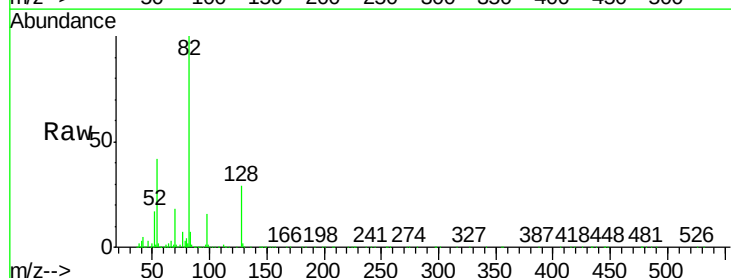
Instrument :
BNA_G
ClientSampleId :
SB-85(7-9)

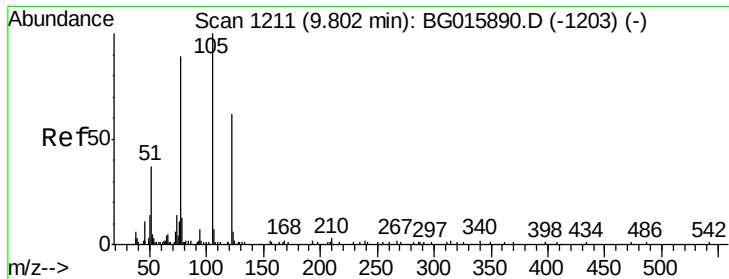
Tgt Ion:	136	Resp:	354820
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.7	14.5
54	8.1	8.5	12.7#
68	7.3	8.0	12.0#



#23
Nitrobenzene-d5
Concen: 75.50 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

Tgt Ion:	82	Resp:	929386
Ion	Ratio	Lower	Upper
82	100		
128	28.6	19.8	29.8
54	42.1	33.0	49.4

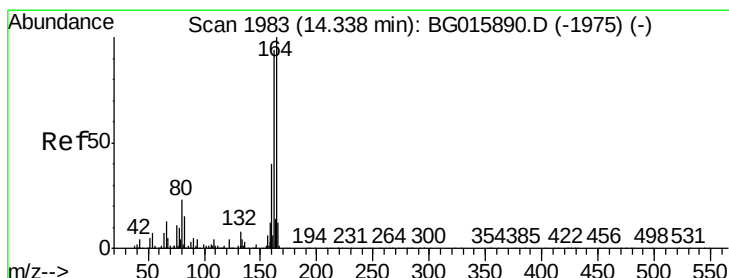
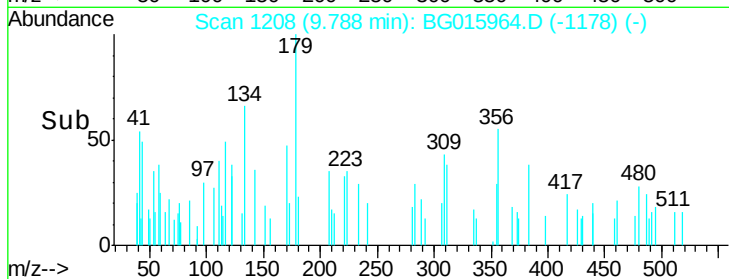
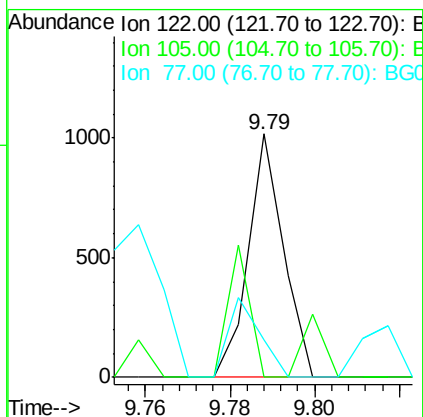
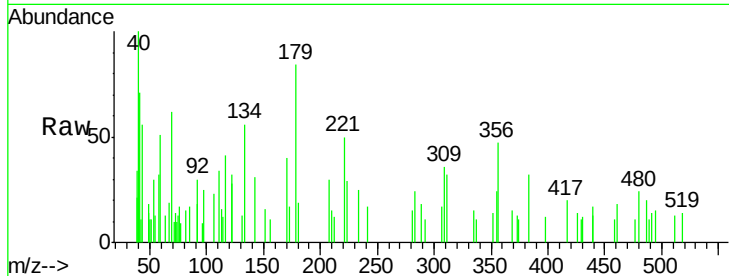




#32
Benzoic acid
Concen: 10.64 ng
RT: 9.79 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

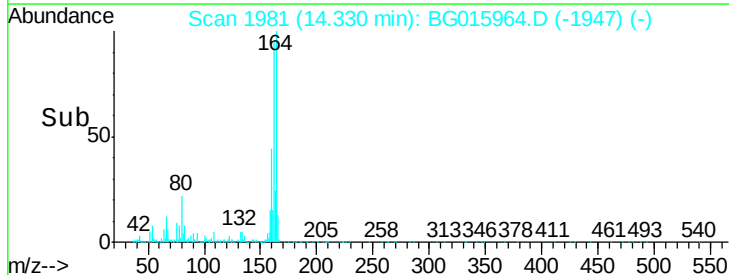
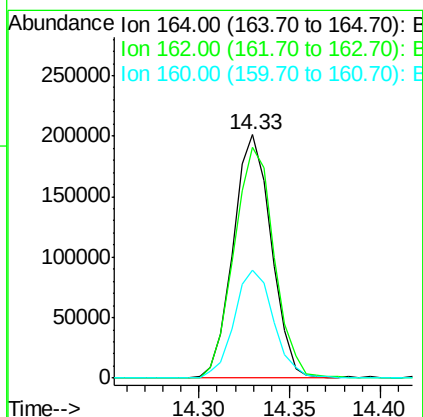
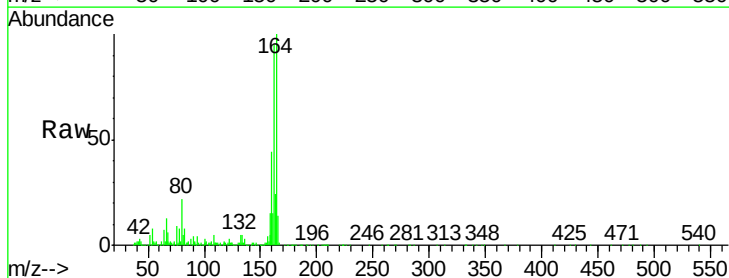
Instrument :
BNA_G
ClientSampleId :
SB-85(7-9)

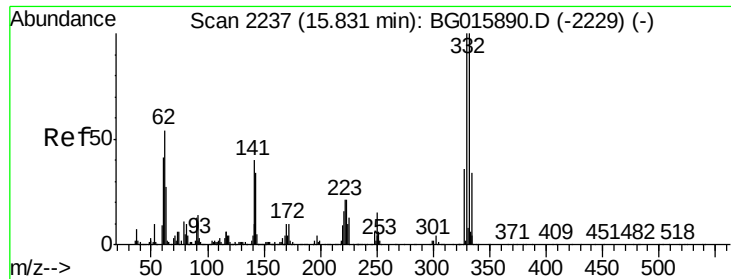
Tgt Ion:122 Resp: 587
Ion Ratio Lower Upper
122 100
105 0.0 140.2 180.2#
77 15.5 126.4 166.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015964.D
Acq: 28 Jan 2015 2:36

Tgt Ion:164 Resp: 293393
Ion Ratio Lower Upper
164 100
162 95.0 75.1 112.7
160 44.3 32.3 48.5

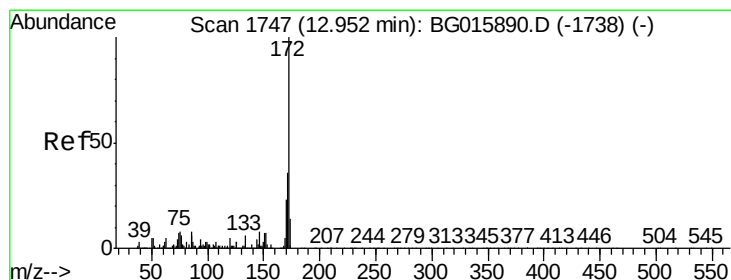
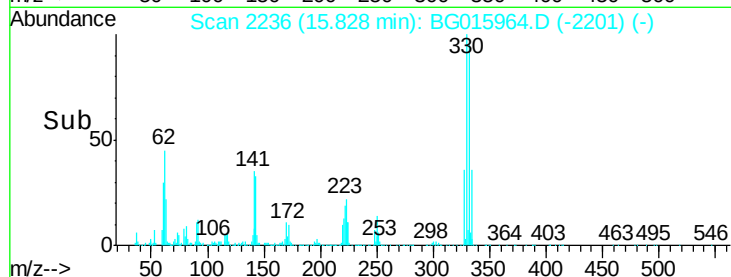
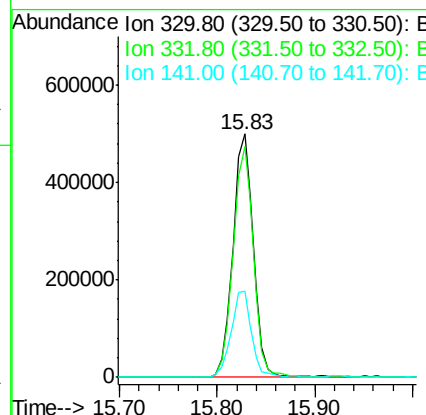
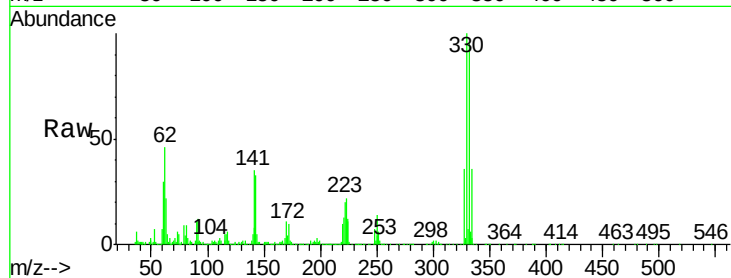




#41
 2,4,6-Tribromophenol
 Concen: 134.77 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG015964.D
 Acq: 28 Jan 2015 2:36

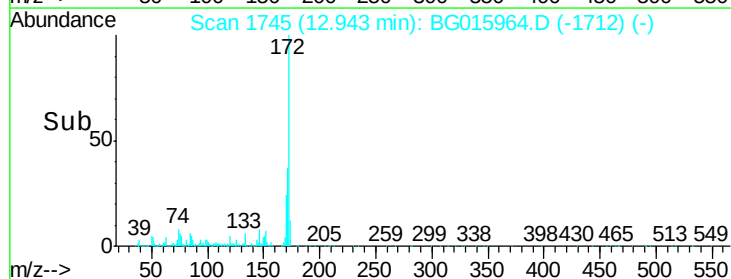
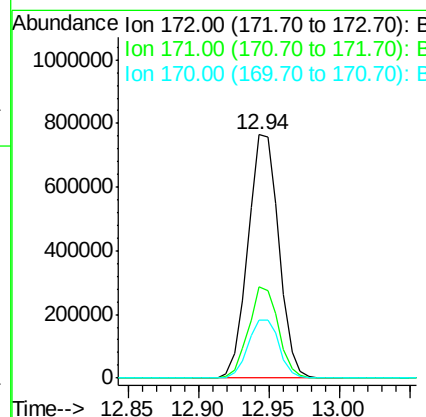
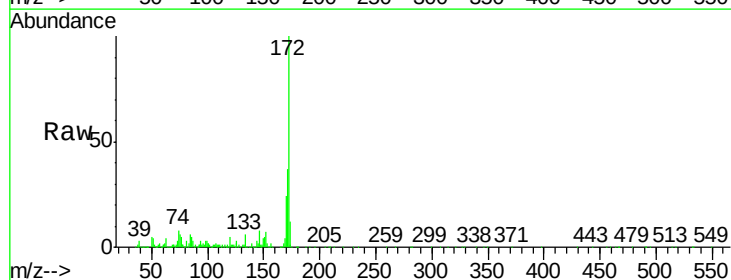
Instrument :
 BNA_G
 ClientSampleId :
 SB-85(7-9)

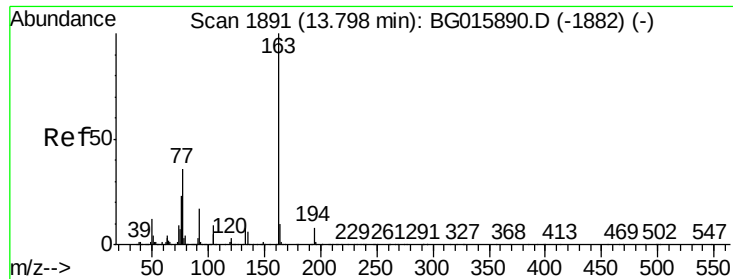
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.0
141	34.9	33.0	49.6



#44
 2-Fluorobiphenyl
 Concen: 62.53 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG015964.D
 Acq: 28 Jan 2015 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.2	43.8
170	23.9	18.6	27.8





#49

Dimethylphthalate

Concen: 3.75 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

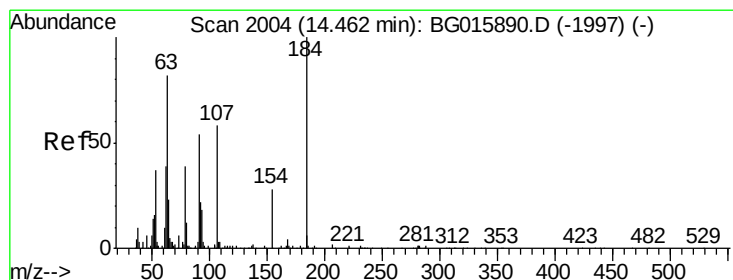
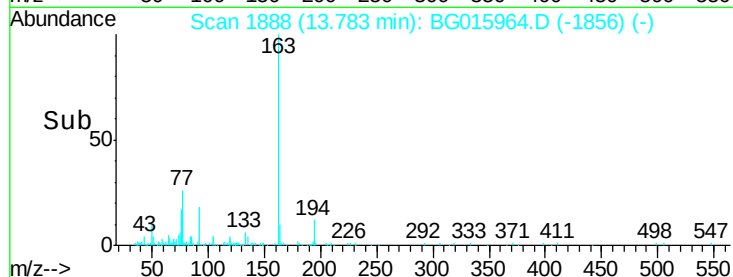
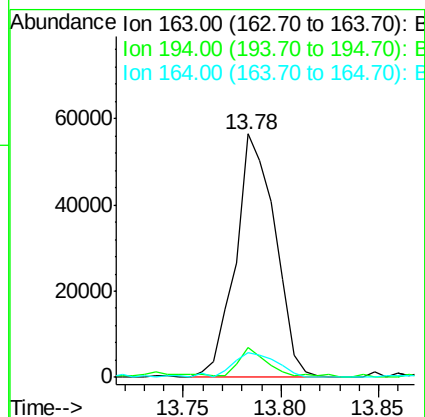
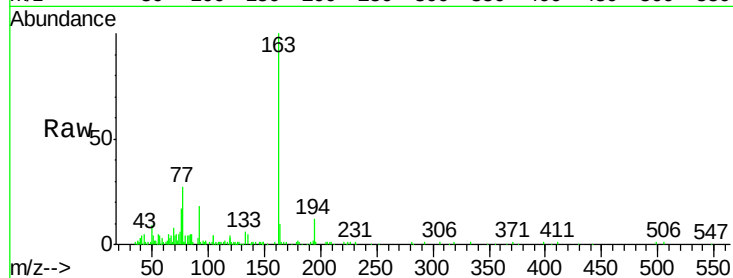
BNA_G

ClientSampleId :

SB-85(7-9)

Tgt Ion:163 Resp: 79130

Ion	Ratio	Lower	Upper
163	100		
194	12.1	6.2	9.4#
164	10.4	8.0	12.0



#53

2,4-Dinitrophenol

Concen: 4.55 ng

RT: 14.46 min Scan# 2004

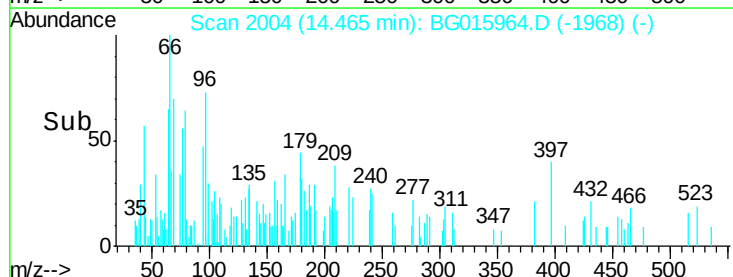
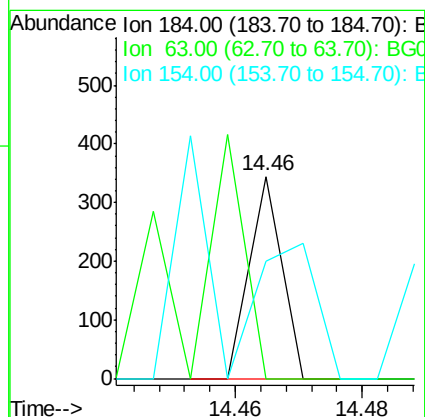
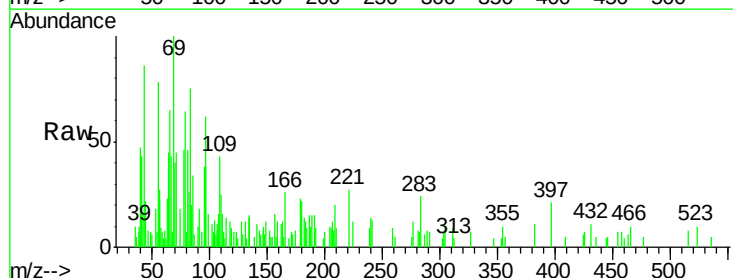
Delta R.T. 0.01 min

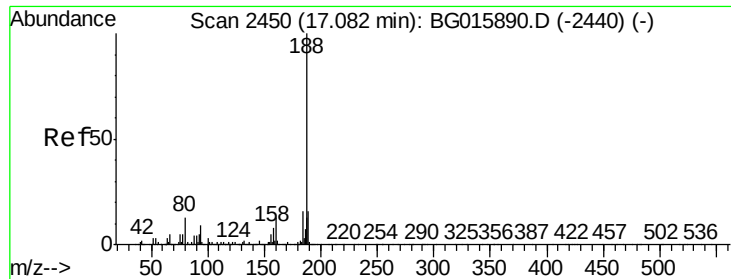
Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Tgt Ion:184 Resp: 121

Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.6	103.0#
154	58.1	54.9	82.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

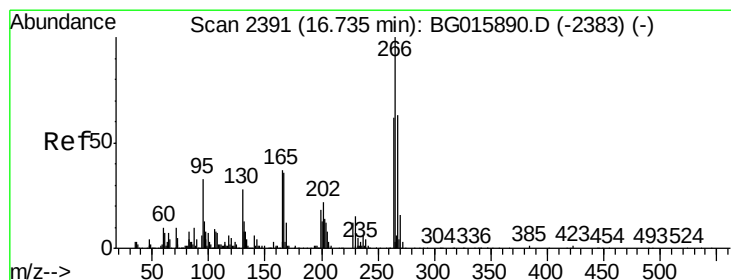
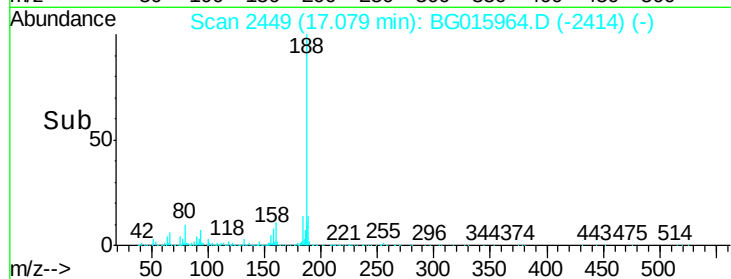
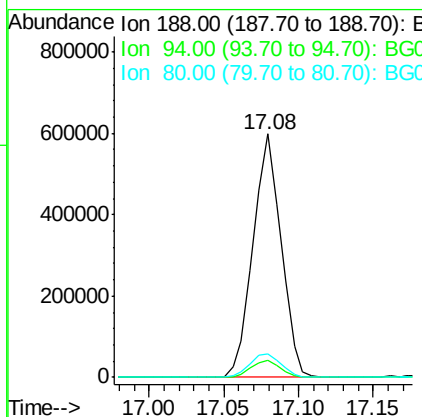
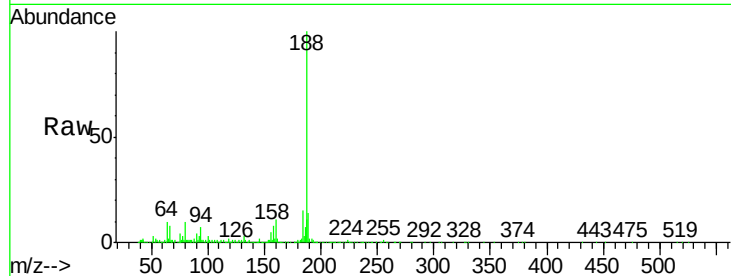
Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

Tgt Ion:	188	Resp:	775266
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.8	11.8
80	9.8	10.6	16.0#



#69

Pentachlorophenol

Concen: 5.26 ng

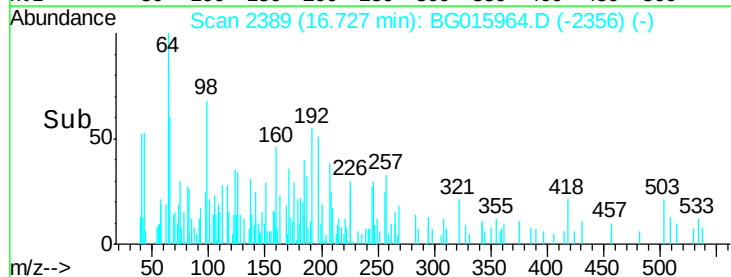
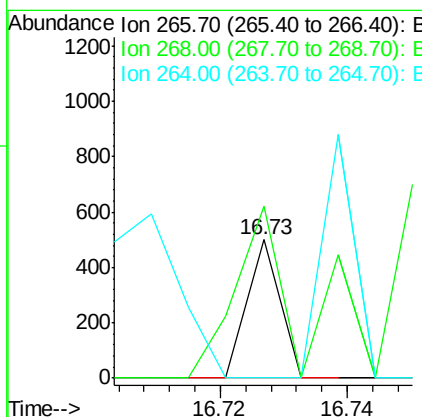
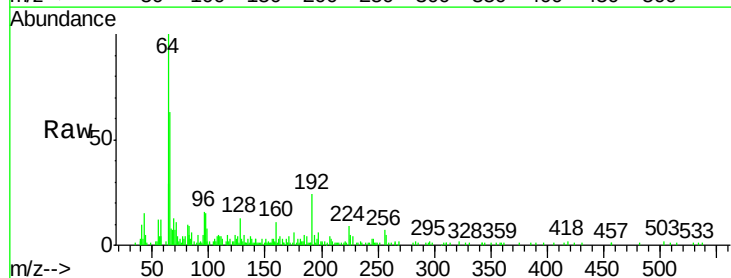
RT: 16.73 min Scan# 2389

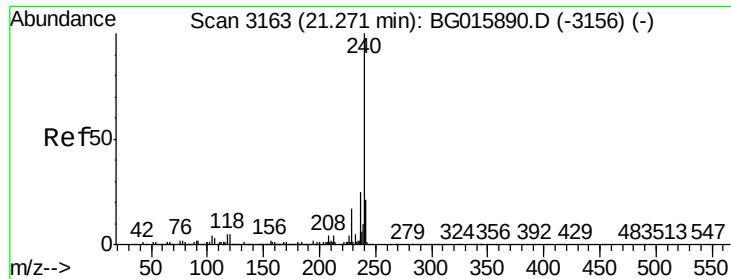
Delta R.T. -0.01 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Tgt Ion:	266	Resp:	176
Ion Ratio	Lower	Upper	
266	100		
268	124.6	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: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

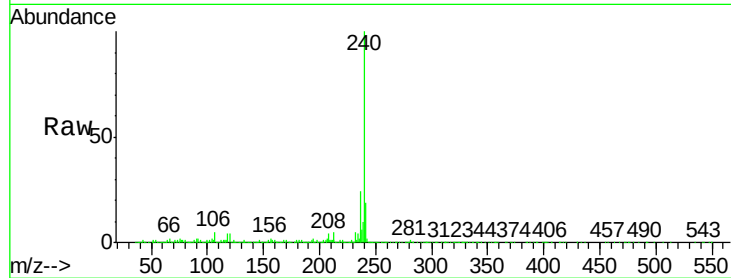
Tgt Ion:240 Resp: 1052086

Ion Ratio Lower Upper

240 100

120 3.7 3.9 5.9#

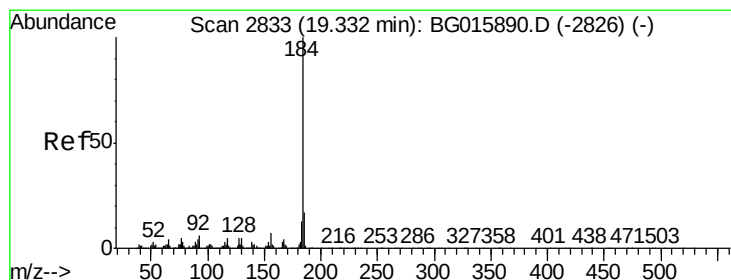
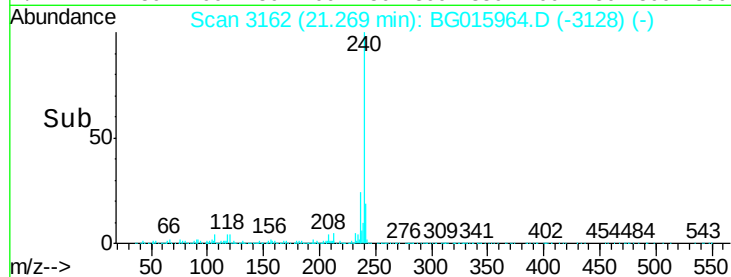
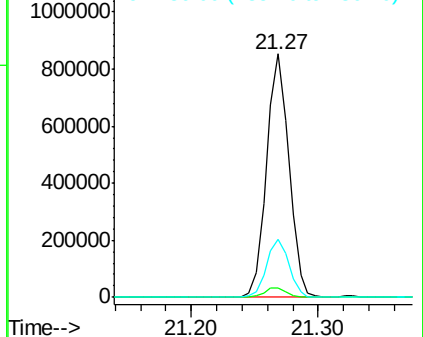
236 23.7 20.0 30.0



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: 2.00 ng

RT: 19.34 min Scan# 2834

Delta R.T. 0.01 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

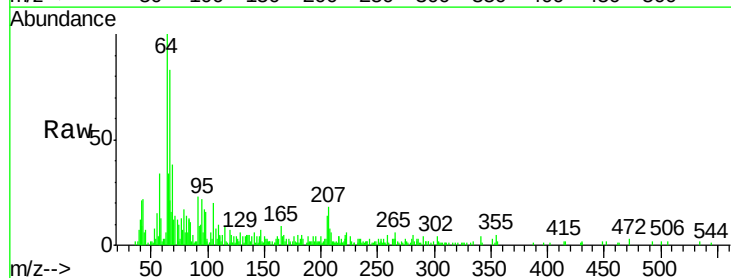
Tgt Ion:184 Resp: 405

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

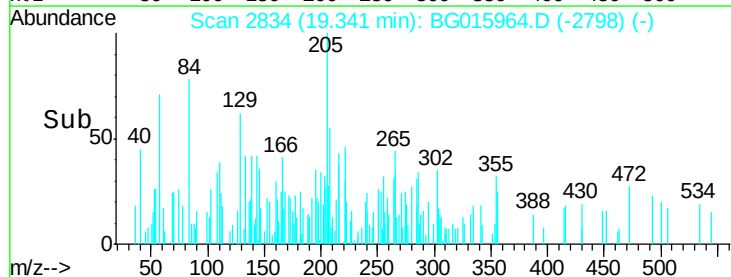
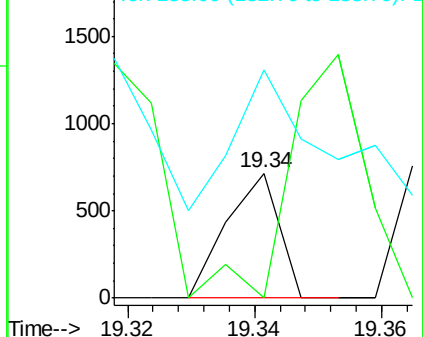
183 183.0 10.1 15.1#

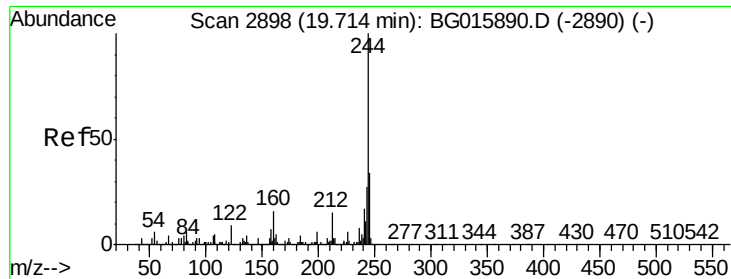


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 62.95 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015964.D

Acq: 28 Jan 2015 2:36

Instrument :

BNA_G

ClientSampleId :

SB-85(7-9)

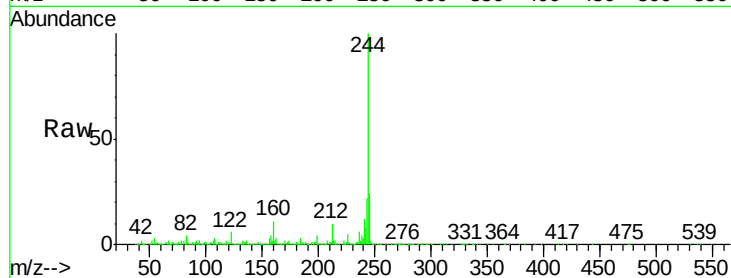
Tgt Ion:244 Resp: 2550154

Ion Ratio Lower Upper

244 100

212 10.0 11.6 17.4#

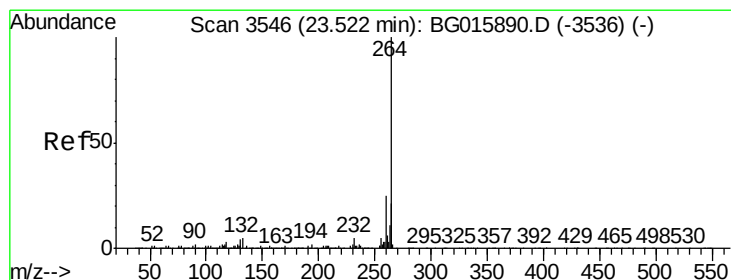
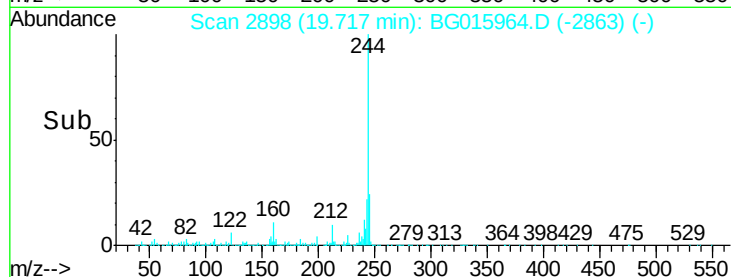
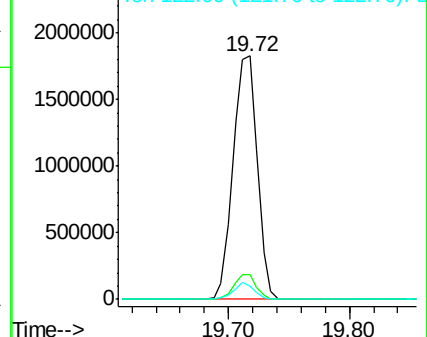
122 5.6 7.0 10.4#



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: BG015964.D

Acq: 28 Jan 2015 2:36

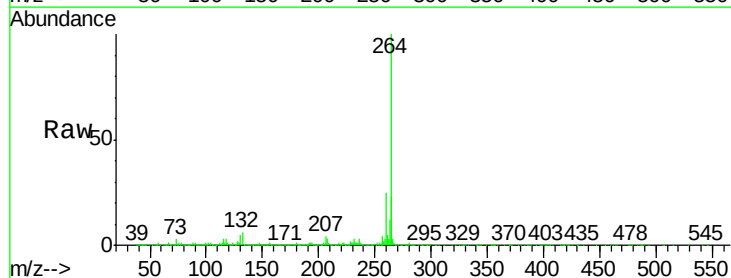
Tgt Ion:264 Resp: 1041593

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 22.6 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

