

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012115\
 Data File : BG015909.D
 Acq On : 21 Jan 2015 19:17
 Operator : TP/IZ
 Sample : G1100-18DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8024DL

Quant Time: Jan 22 00:26:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 22 00:16:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	94937	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	393124	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	341201	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	840794	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1142091	20.00	ng	0.00
86) Perylene-d12	23.52	264	1083735	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	83943	13.17	ng	0.00
7) Phenol-d6	6.87	99	145476	14.16	ng	0.00
23) Nitrobenzene-d5	8.85	82	125481	9.20	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	75894	12.15	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	213563	9.82	ng	0.00
78) Terphenyl-d14	19.71	244	540814	8.73	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.11	93	182889	12.36	ng	# 52
10) Phenol	6.89	94	214701	18.34	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	183142	20.24	ng	94
12) 1,3-Dichlorobenzene	7.72	146	173611	23.98	ng	95
13) 1,4-Dichlorobenzene	7.72	146	174278	23.32	ng	97
14) 1,2-Dichlorobenzene	8.03	146	107741	14.71	ng	# 85
26) 2-Nitrophenol	9.59	139	23628	6.65	ng	96
28) bis(2-Chloroethoxy)methane	9.89	93	171298	14.67	ng	# 93
30) 1,2,4-Trichlorobenzene	10.34	180	221724	25.76	ng	99
31) Naphthalene	10.52	128	302099	15.01	ng	97
32) Benzoic acid	9.80	122	59	10.28	ng	88
33) 4-Chloroaniline	10.52	127	38768	4.13	ng	# 33
34) Hexachlorobutadiene	10.80	225	125497	14.91	ng	93
36) 4-Chloro-3-methylphenol	11.77	107	241430	23.12	ng	93
37) 2-Methylnaphthalene	12.14	142	352194	22.04	ng	89
42) 2,4,6-Trichlorophenol	12.76	196	213850	28.06	ng	94
43) 2,4,5-Trichlorophenol	12.83	196	77526	9.00	ng	95
46) 2-Chloronaphthalene	13.21	162	87299	4.80	ng	# 77
48) Acenaphthylene	14.05	152	770507	27.90	ng	# 96
49) Dimethylphthalate	13.79	163	249886	10.18	ng	# 93
50) 2,6-Dinitrotoluene	13.92	165	160026	28.87	ng	98
51) Acenaphthene	14.39	154	355511	20.49	ng	93
53) 2,4-Dinitrophenol	14.40	184	89	4.53	ng	# 1
55) 4-Nitrophenol	14.57	139	30380	8.47	ng	# 88
56) 2,4-Dinitrotoluene	14.70	165	142838	17.61	ng	# 92
57) Fluorene	15.38	166	268532	10.40	ng	93
59) Diethylphthalate	15.16	149	404025	16.12	ng	92
60) 4-Chlorophenyl-phenylether	15.38	204	542986	31.62	ng	# 94
66) 4-Bromophenyl-phenylether	16.27	248	61830	5.04	ng	96
67) Hexachlorobenzene	16.38	284	79939	6.02	ng	93
69) Pentachlorophenol	16.74	266	125962	25.25	ng	95
70) Phenanthrene	17.21	178	496285	11.77	ng	94
71) Anthracene	17.21	178	496285	11.99	ng	96
74) Fluoranthene	19.14	202	765172	13.58	ng	95

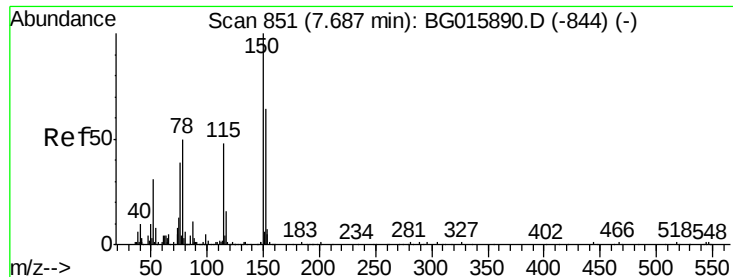
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	19.50	202	1191755	21.96	ng	96
79) Butylbenzylphthalate	20.41	149	453690	22.80	ng	96
80) Benzo(a)anthracene	21.25	228	1146476	16.88	ng	91
82) Chrysene	21.30	228	841665	12.85	ng	# 88
83) Bis(2-ethylhexyl)phthalate	21.18	149	238233	8.90	ng	99
84) Di-n-octyl phthalate	22.06	149	1258592	30.40	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	1183804	17.68	ng	99
87) Benzo(b)fluoranthene	22.84	252	1715562	27.73	ng	# 98
88) Benzo(k)fluoranthene	22.88	252	795738	13.29	ng	92
89) Benzo(a)pyrene	23.42	252	987643	16.59	ng	97
91) Benzo(g,h,i)perylene	26.51	276	1532320	27.80	ng	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

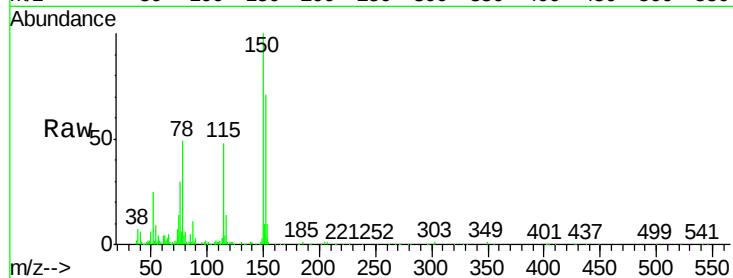
Tgt Ion:152 Resp: 94937

Ion Ratio Lower Upper

152 100

150 141.8 124.5 186.7

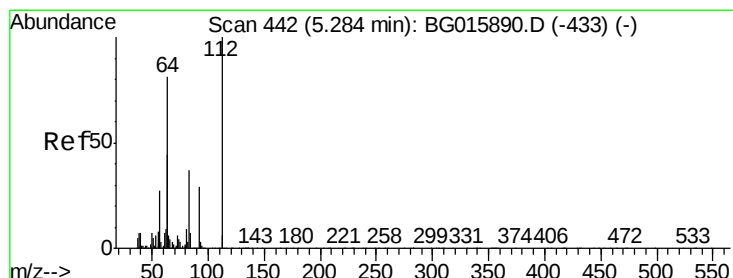
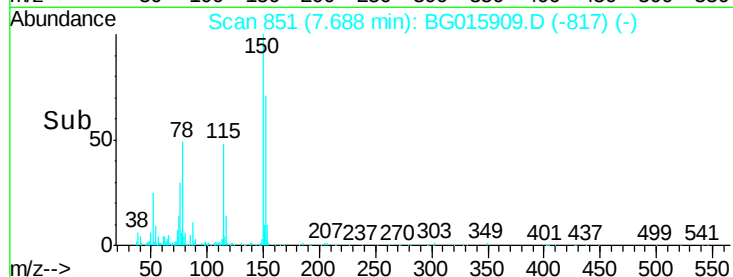
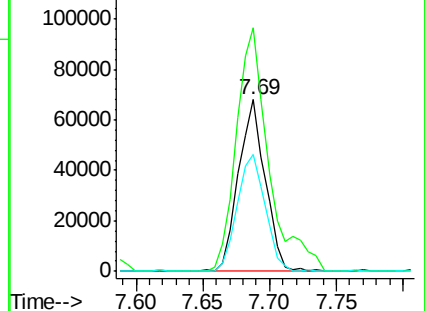
115 67.9 60.4 90.6



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: 13.17 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

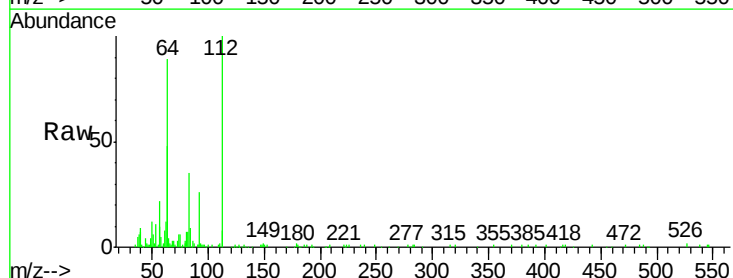
Tgt Ion:112 Resp: 83943

Ion Ratio Lower Upper

112 100

64 89.0 64.4 96.6

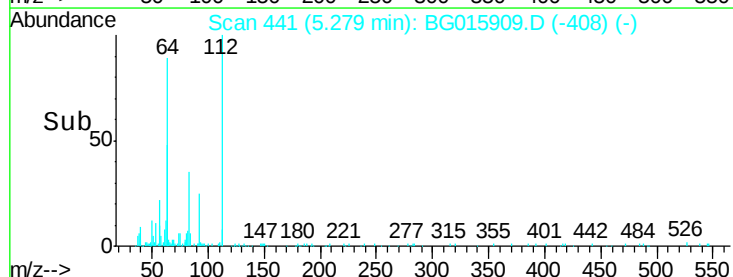
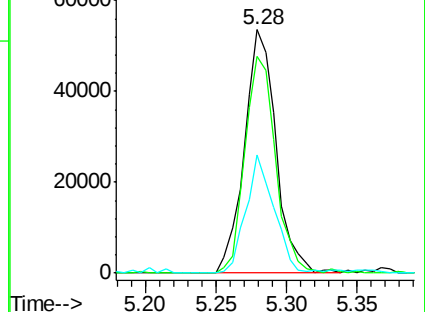
63 48.5 35.1 52.7

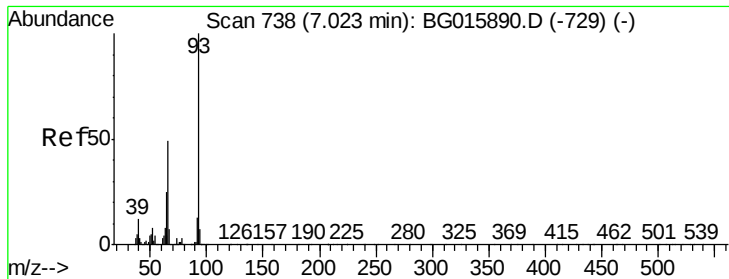


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 12.36 ng

RT: 7.11 min Scan# 753

Delta R.T. 0.09 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

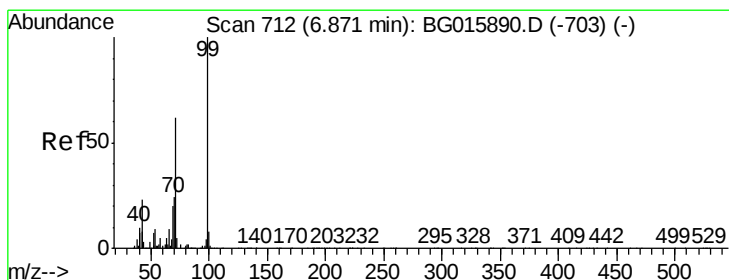
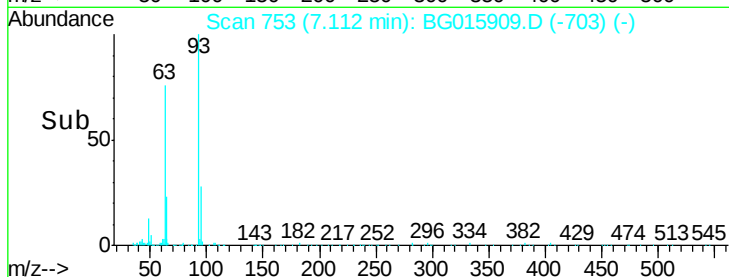
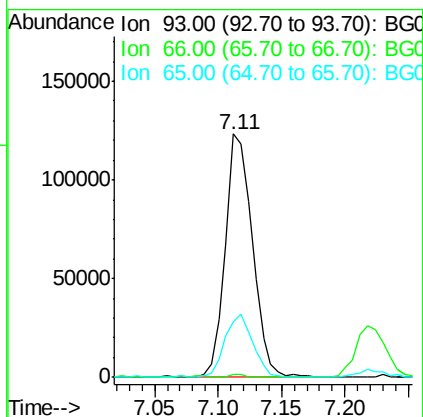
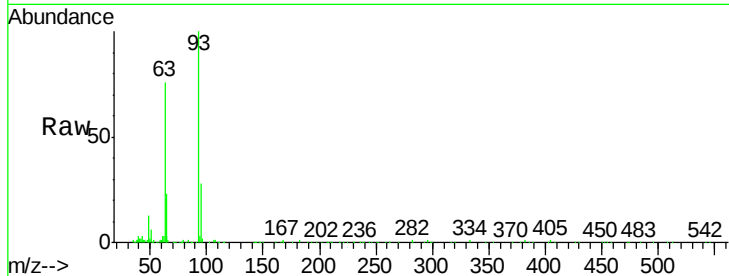
Tgt Ion: 93 Resp: 182889

Ion Ratio Lower Upper

93 100

66 1.4 39.0 58.6#

65 22.8 19.8 29.6



#7

Phenol-d6

Concen: 14.16 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

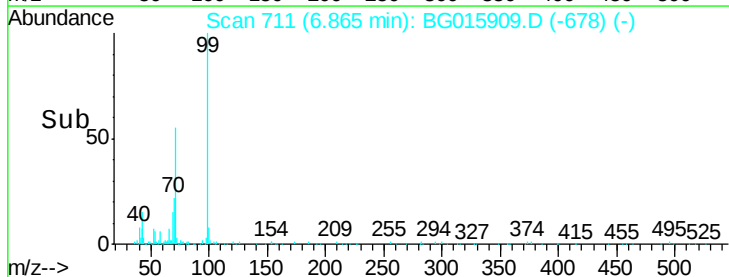
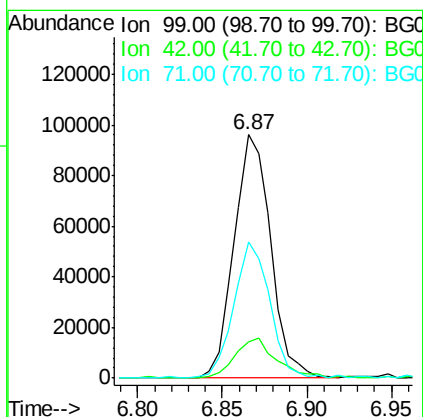
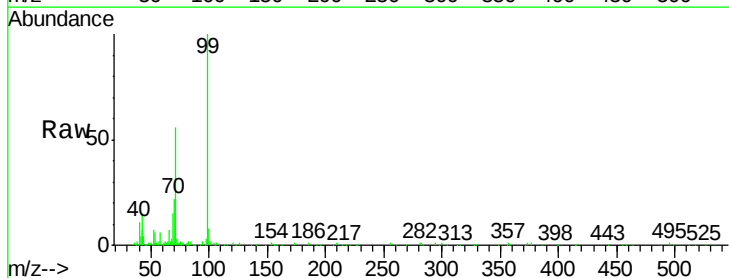
Tgt Ion: 99 Resp: 145476

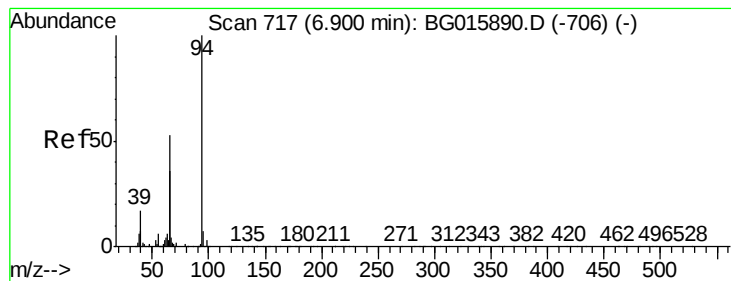
Ion Ratio Lower Upper

99 100

42 14.9 18.1 27.1#

71 55.9 49.8 74.8





#10

Phenol

Concen: 18.34 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

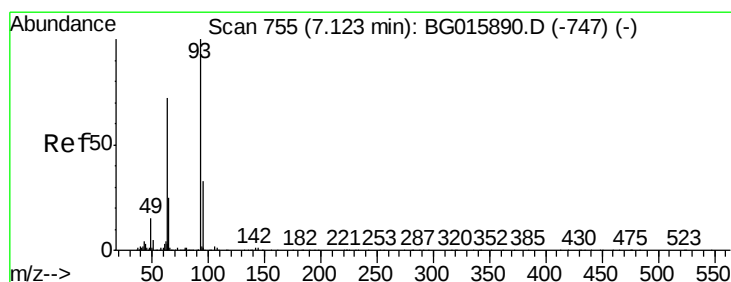
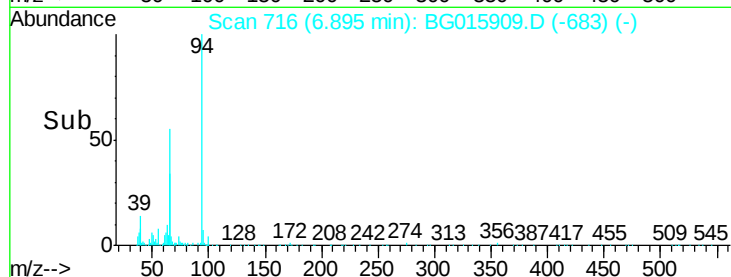
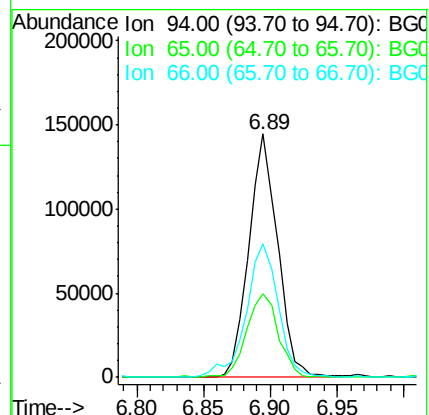
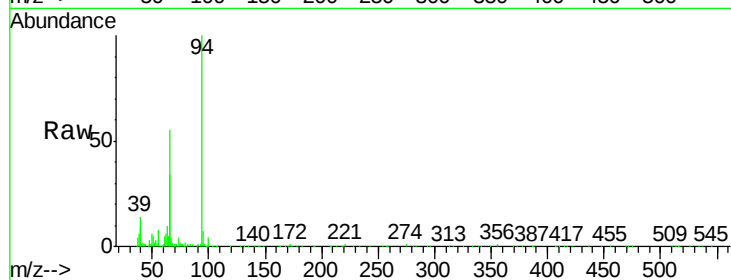
BNA_G

ClientSampleId :

8024DL

Tgt Ion: 94 Resp: 214701

Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.5	56.5
66	55.1	33.3	73.3



#11

bis(2-Chloroethyl)ether

Concen: 20.24 ng

RT: 7.11 min Scan# 753

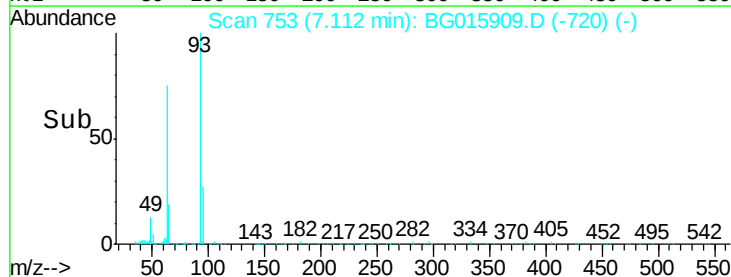
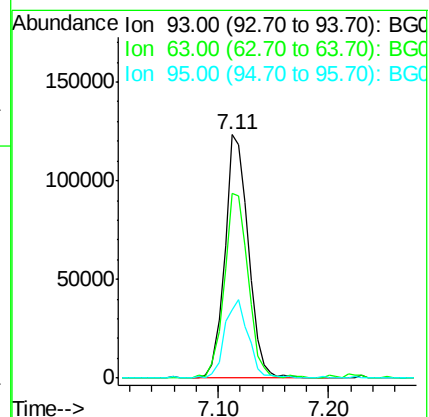
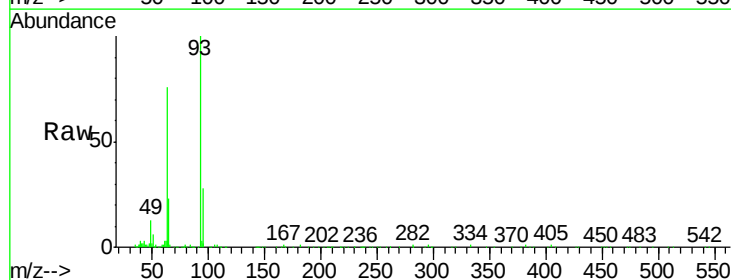
Delta R.T. -0.01 min

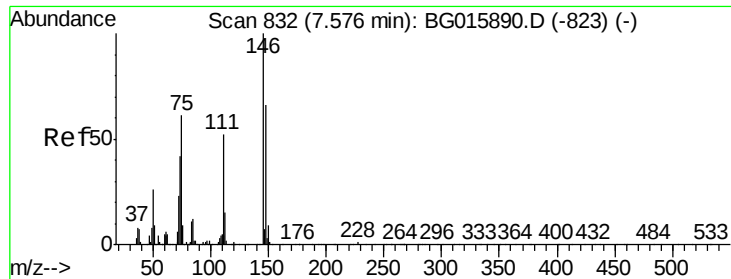
Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Tgt Ion: 93 Resp: 183142

Ion	Ratio	Lower	Upper
93	100		
63	75.6	51.7	91.7
95	28.0	12.7	52.7

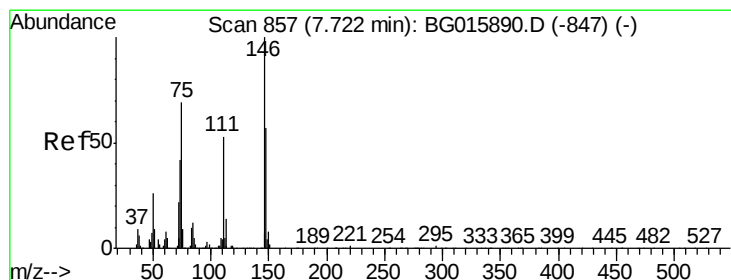
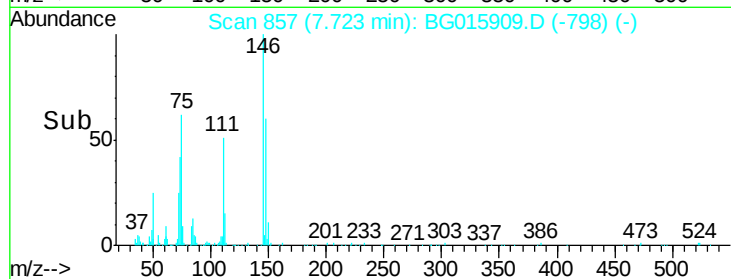
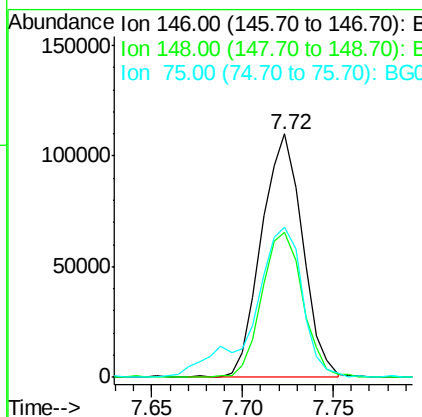
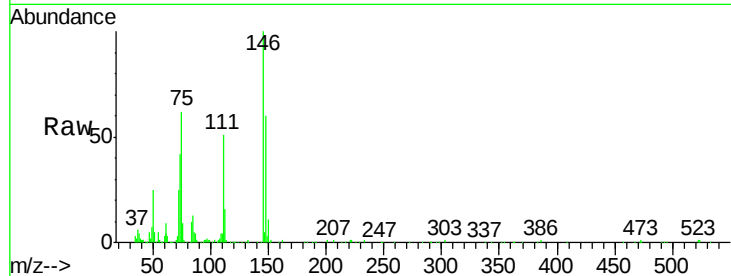




#12
 1,3-Dichlorobenzene
 Concen: 23.98 ng
 RT: 7.72 min Scan# 857
 Delta R.T. 0.15 min
 Lab File: BG015909.D
 Acq: 21 Jan 2015 19:17

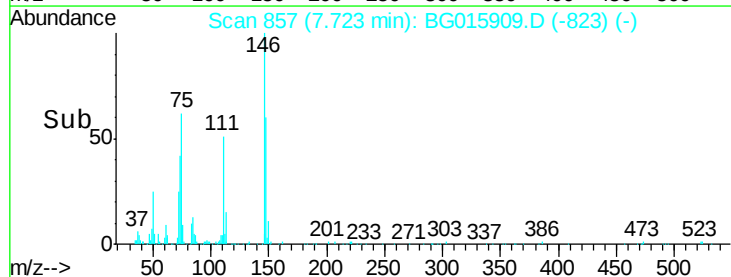
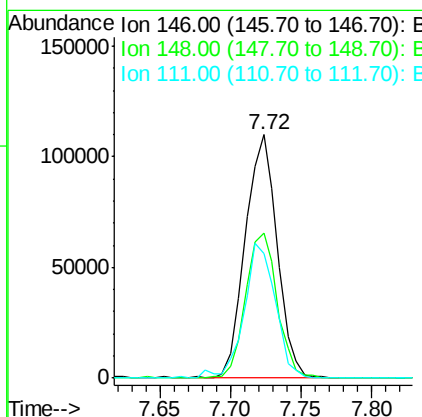
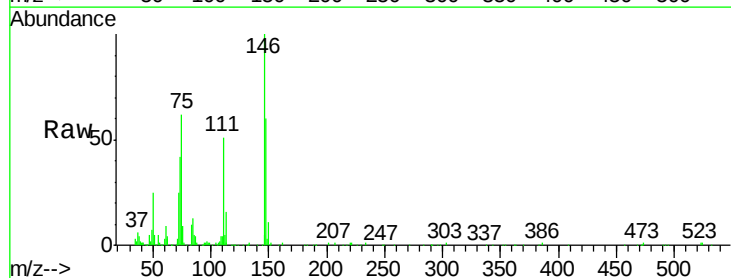
Instrument :
 BNA_G
 ClientSampleId :
 8024DL

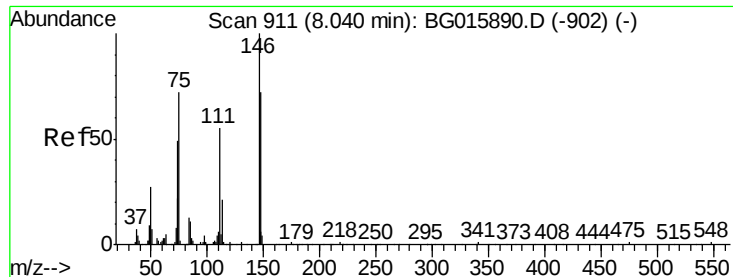
Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.5	53.0	79.4
75	61.5	48.6	72.8



#13
 1,4-Dichlorobenzene
 Concen: 23.32 ng
 RT: 7.72 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BG015909.D
 Acq: 21 Jan 2015 19:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.5	45.7	68.5
111	51.3	42.1	63.1





#14

1,2-Dichlorobenzene

Concen: 14.71 ng

RT: 8.03 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Instrument :

BNA_G

ClientSampleId :

8024DL

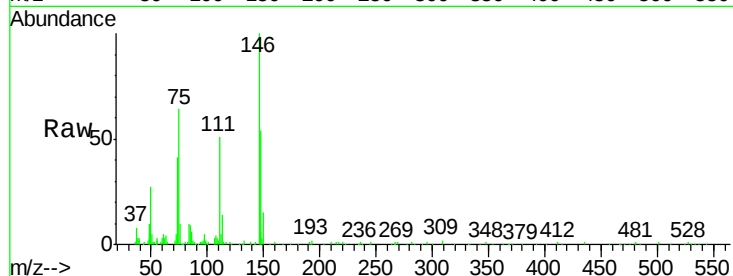
Tgt Ion:146 Resp: 107741

Ion Ratio Lower Upper

146 100

148 53.9 57.7 86.5#

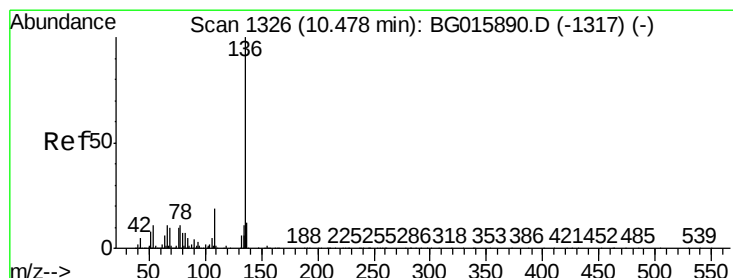
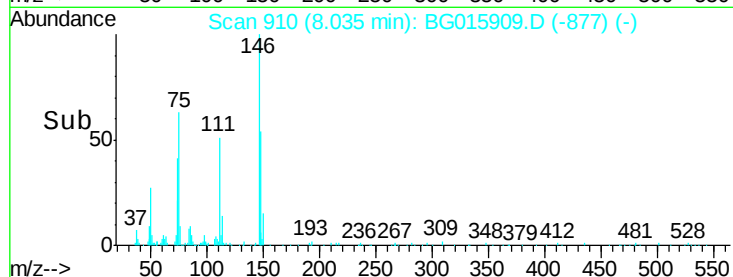
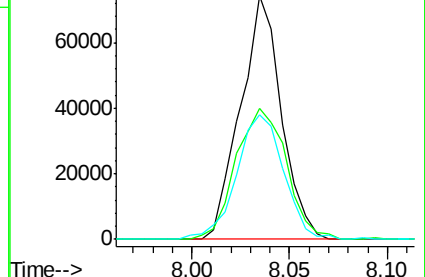
111 51.1 44.6 66.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG015909.D

Acq: 21 Jan 2015 19:17

Tgt Ion:136 Resp: 393124

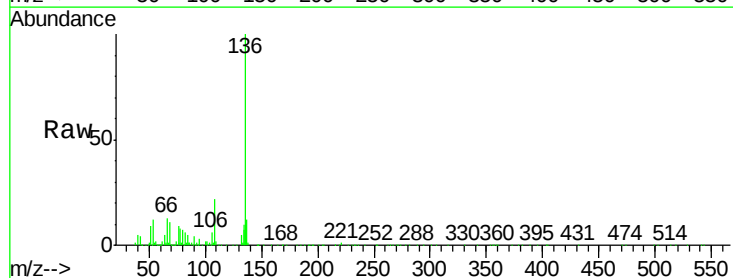
Ion Ratio Lower Upper

136 100

137 11.6 9.7 14.5

54 11.8 8.5 12.7

68 11.1 8.0 12.0



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

