

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016640.D
 Acq On : 23 Apr 2015 5:31
 Operator : TP/IZ
 Sample : G1976-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435

Quant Time: Apr 23 07:03:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 03:17:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	73727	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	332917	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	187500	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	350214	20.00	ng	0.00
75) Chrysene-d12	21.21	240	300818	20.00	ng	0.00
86) Perylene-d12	23.43	264	289524	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	245189	53.30	ng	0.02
7) Phenol-d6	6.84	99	207609	32.30	ng	0.00
23) Nitrobenzene-d5	8.80	82	428448	79.24	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	148790	116.84	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	931563	82.28	ng	0.00
78) Terphenyl-d14	19.65	244	786659	63.00	ng	0.00

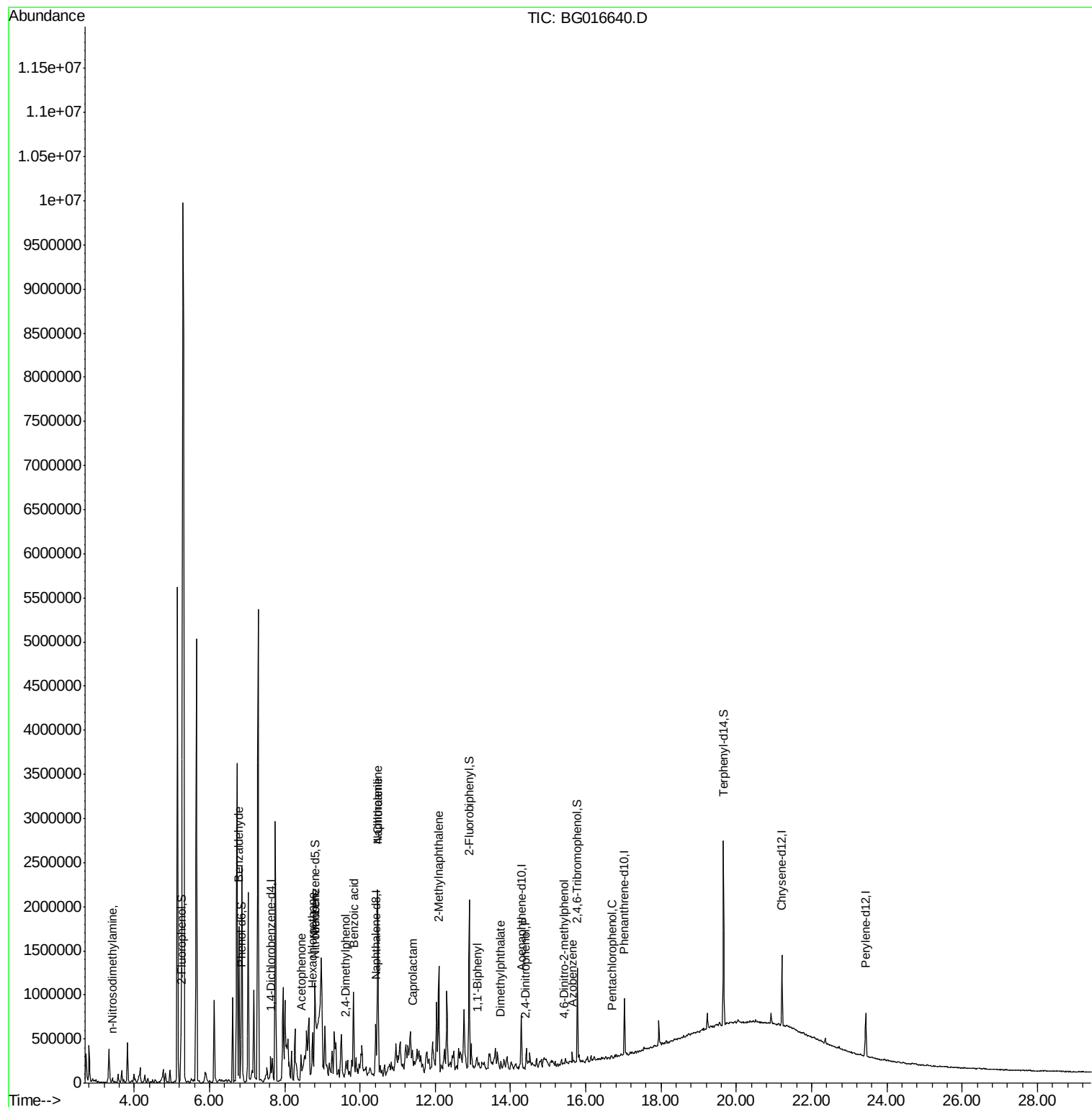
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.42	42	4150	2.42	ng	# 1
9) Benzaldehyde	6.79	77	110080	37.64	ng	# 1
18) Hexachloroethane	8.74	117	73781	35.21	ng	# 1
22) Acetophenone	8.43	105	177704	23.96	ng	# 51
24) Nitrobenzene	8.82	77	12721	2.26	ng	# 6
27) 2,4-Dimethylphenol	9.63	122	24064	4.55	ng	96
31) Naphthalene	10.48	128	1676854	96.49	ng	96
32) Benzoic acid	9.83	122	1569	7.95	ng	# 1
33) 4-Chloroaniline	10.48	127	242522	30.52	ng	# 34
35) Caprolactam	11.40	113	6275	2.48	ng	# 1
37) 2-Methylnaphthalene	12.09	142	543759	43.70	ng	96
45) 1,1'-Biphenyl	13.11	154	44940	3.11	ng	98
49) Dimethylphthalate	13.74	163	32985	2.38	ng	# 95
53) 2,4-Dinitrophenol	14.40	184	536	8.69	ng	# 1
62) Azobenzene	15.64	77	39834	2.91	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.42	198	414	4.28	ng	# 1
69) Pentachlorophenol	16.69	266	847	6.76	ng	# 83

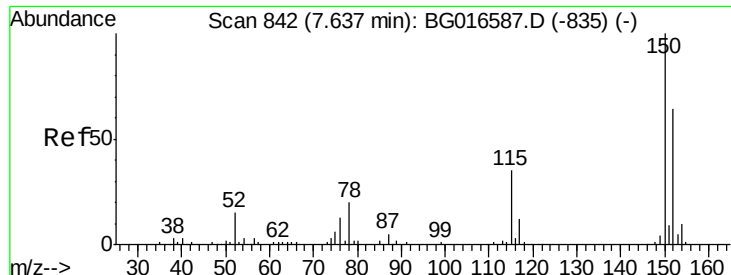
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 07:03:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 03:17:21 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

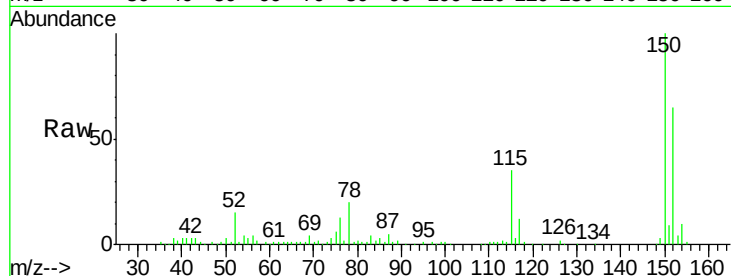
Tgt Ion:152 Resp: 73727

Ion Ratio Lower Upper

152 100

150 154.0 125.5 188.3

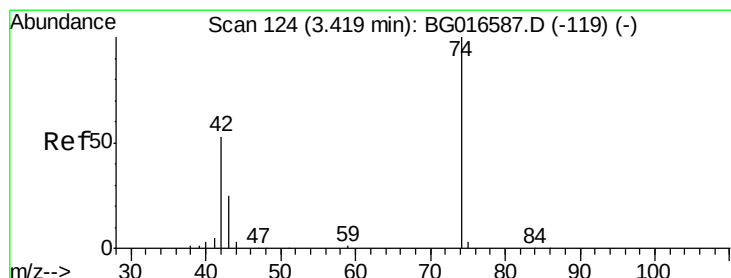
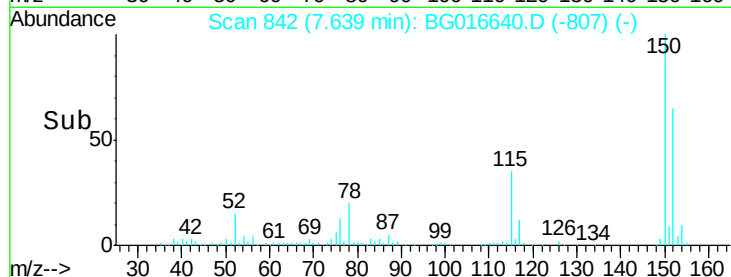
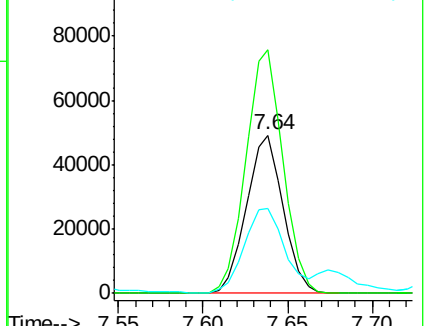
115 53.8 44.5 66.7



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



#4

n-Nitrosodimethylamine

Concen: 2.42 ng

RT: 3.42 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

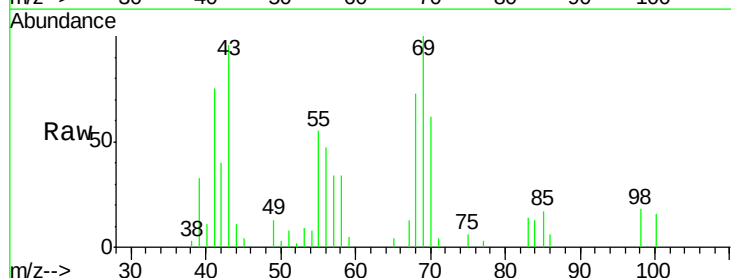
Tgt Ion: 42 Resp: 4150

Ion Ratio Lower Upper

42 100

74 0.0 151.6 227.4#

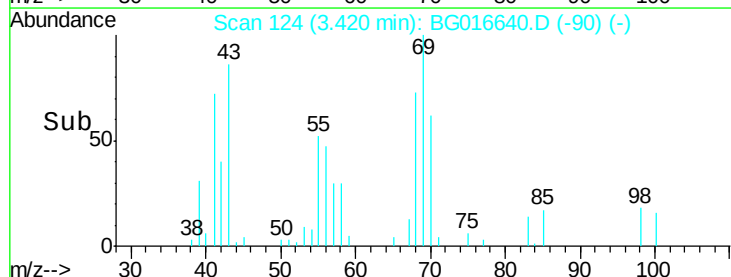
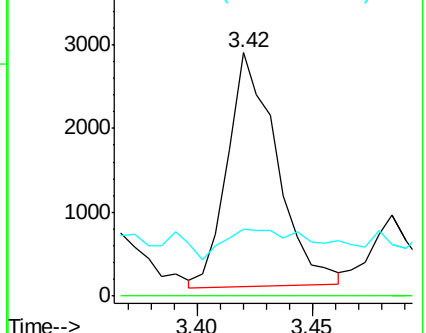
44 27.5 4.9 7.3#

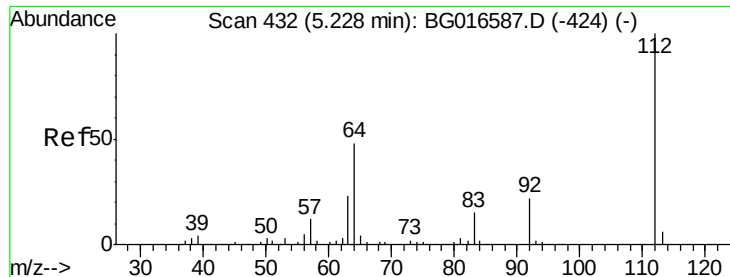


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 53.30 ng

RT: 5.25 min Scan# 435

Delta R.T. 0.02 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampled :

S8-0435

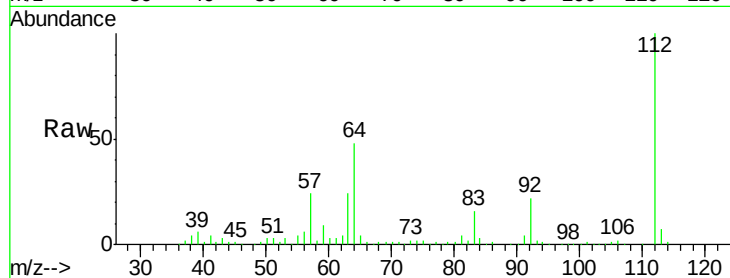
Tgt Ion: 112 Resp: 245189

Ion Ratio Lower Upper

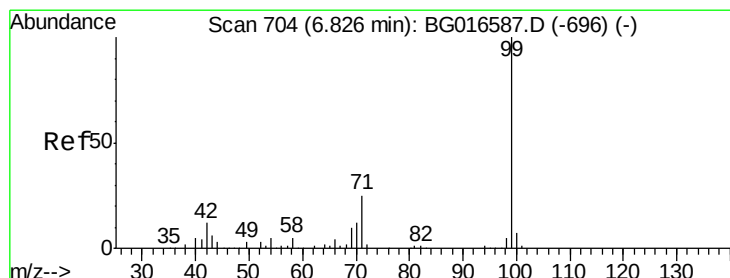
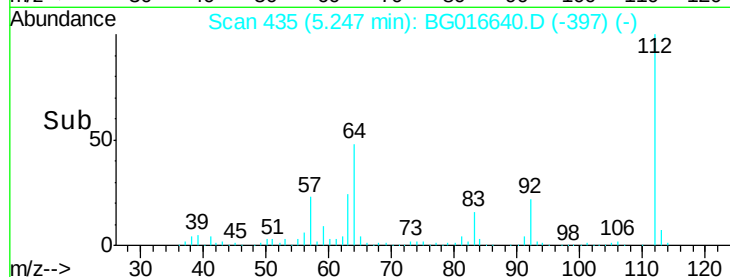
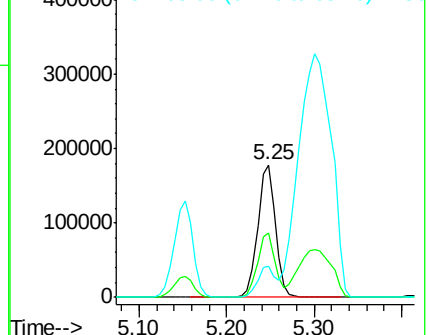
112 100

64 48.2 38.5 57.7

63 23.6 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 32.30 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

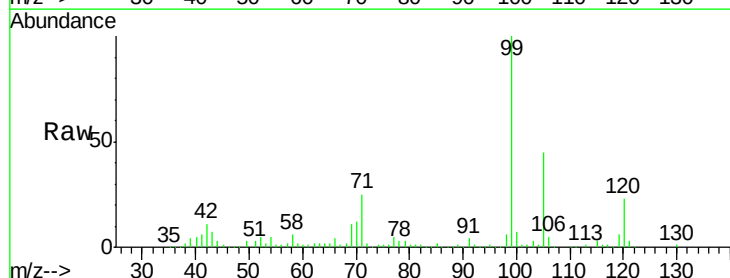
Tgt Ion: 99 Resp: 207609

Ion Ratio Lower Upper

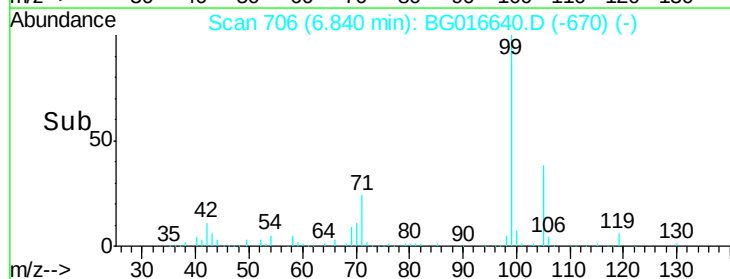
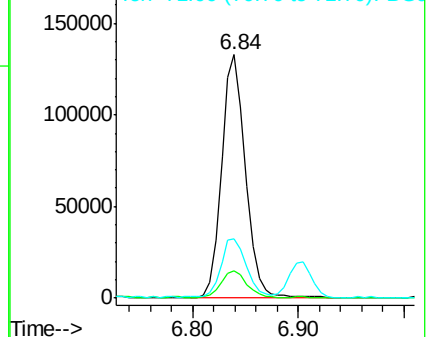
99 100

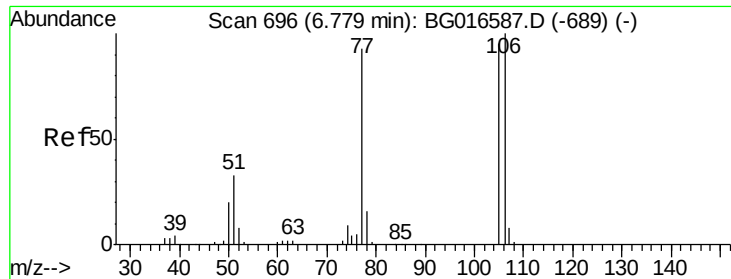
42 11.3 9.5 14.3

71 24.6 20.2 30.2



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





#9

Benzaldehyde

Concen: 37.64 ng

RT: 6.79 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampled :

S8-0435

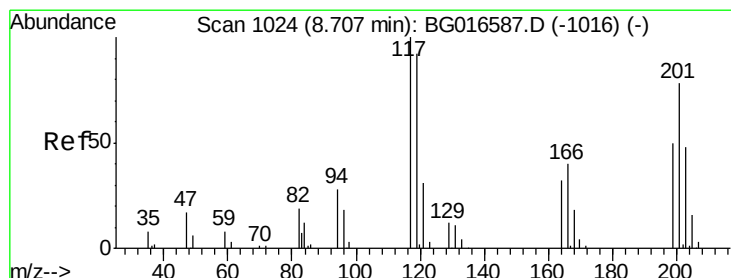
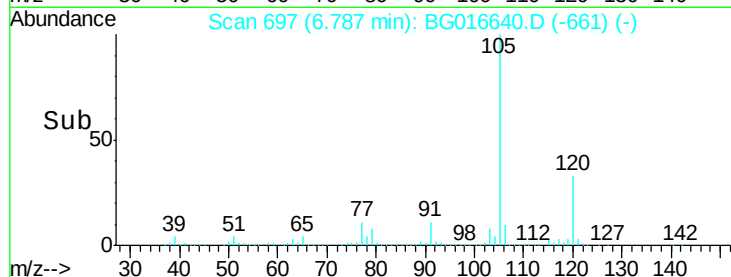
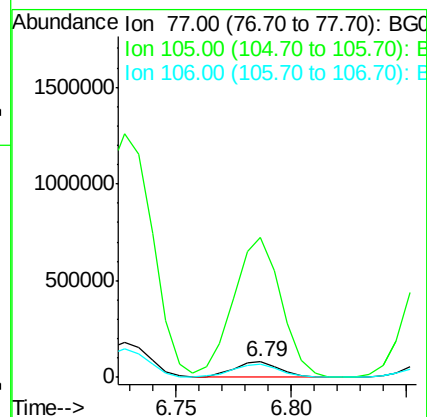
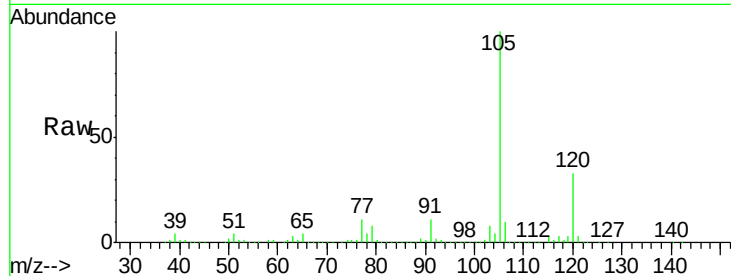
Tgt Ion: 77 Resp: 110080

Ion Ratio Lower Upper

77 100

105 920.9 81.6 121.6#

106 89.0 87.4 127.4



#18

Hexachloroethane

Concen: 35.21 ng

RT: 8.74 min Scan# 1029

Delta R.T. 0.03 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

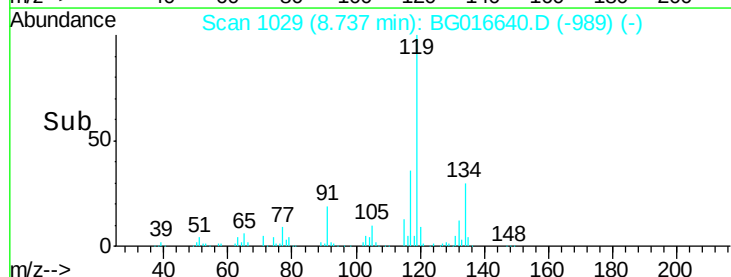
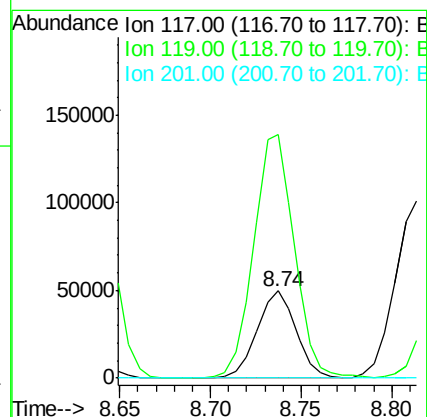
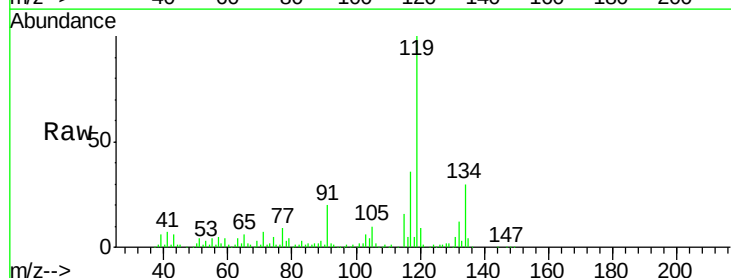
Tgt Ion: 117 Resp: 73781

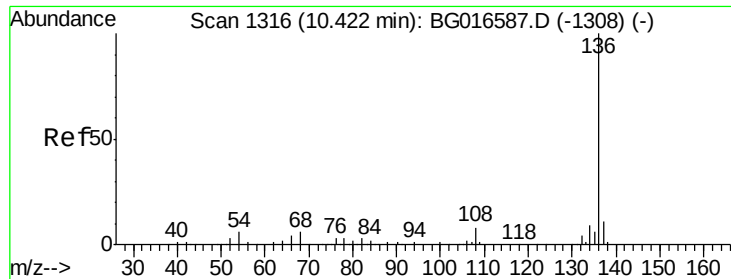
Ion Ratio Lower Upper

117 100

119 280.0 73.8 110.8#

201 0.0 62.2 93.2#

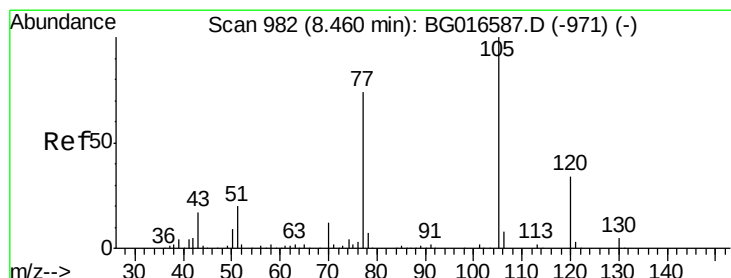
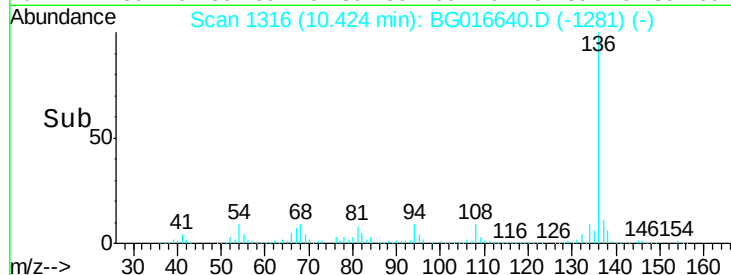
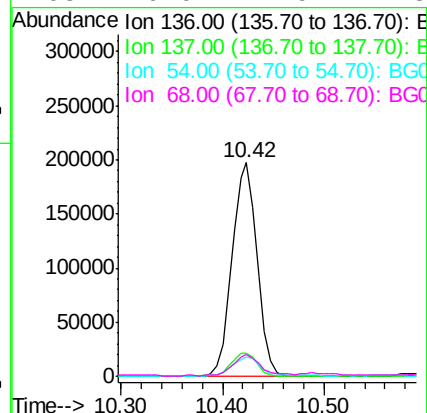
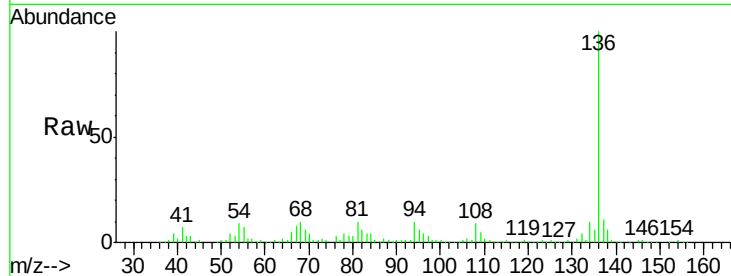




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

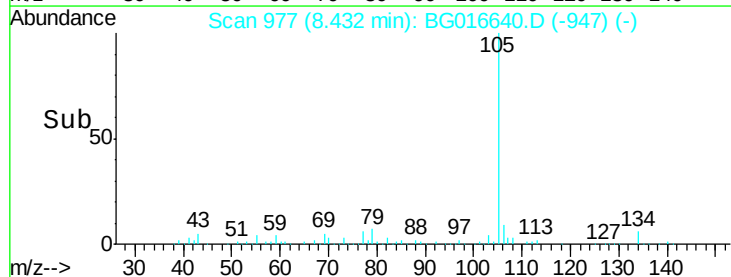
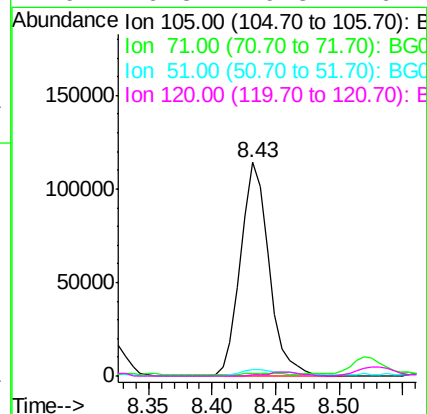
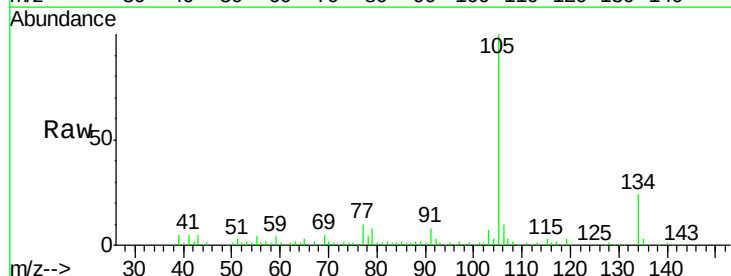
Instrument :
BNA_G
ClientSampleId :
S8-0435

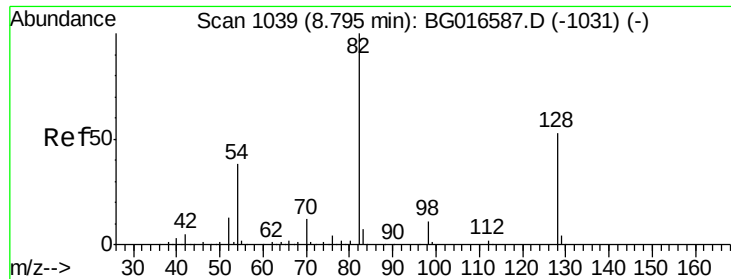
Tgt Ion:	136	Resp:	332917
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.1	4.9	7.3#
68	10.0	4.9	7.3#



#22
Acetophenone
Concen: 23.96 ng
RT: 8.43 min Scan# 977
Delta R.T. -0.03 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

Tgt Ion:	105	Resp:	177704
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.6#
51	2.8	16.5	24.7#
120	0.3	26.8	40.2#

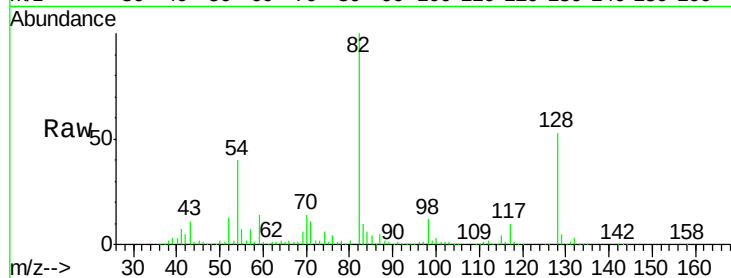




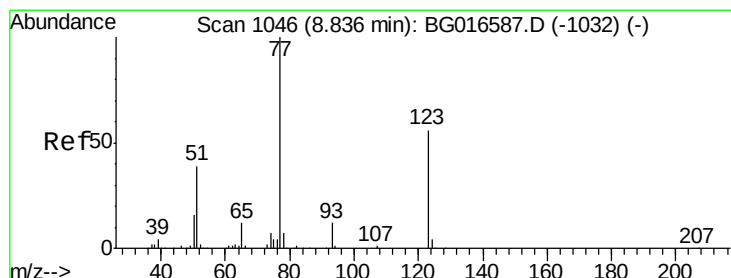
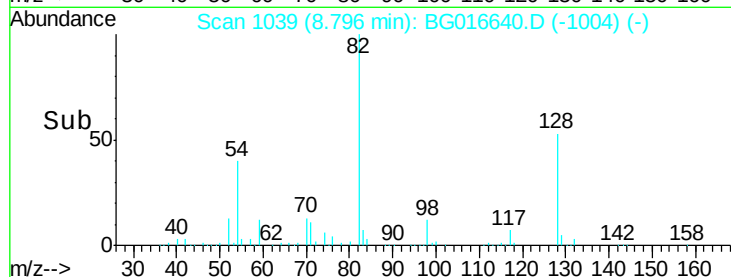
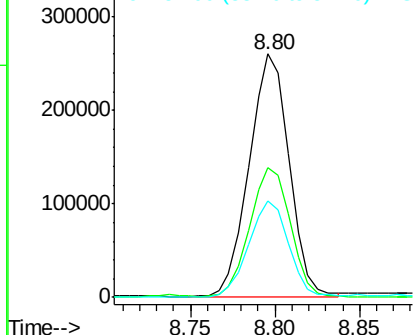
#23
 Nitrobenzene-d5
 Concen: 79.24 ng
 RT: 8.80 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435

Tgt Ion: 82 Resp: 428448
 Ion Ratio Lower Upper
 82 100
 128 53.2 42.7 64.1
 54 39.6 30.6 45.8

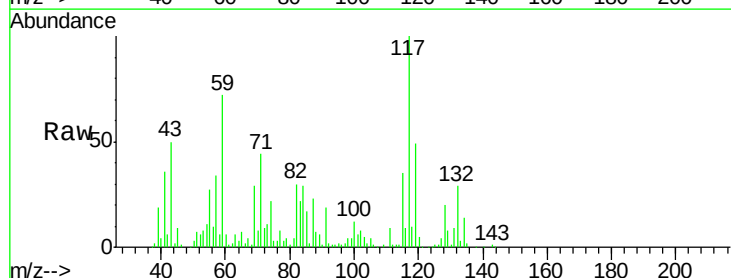


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

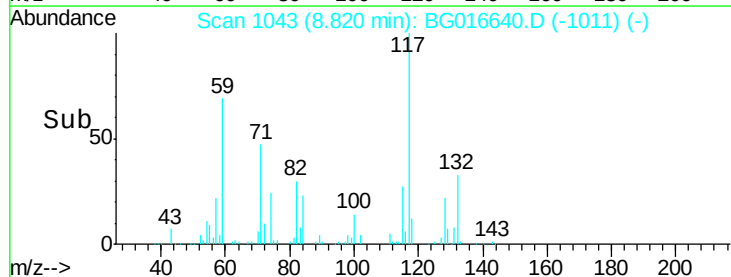
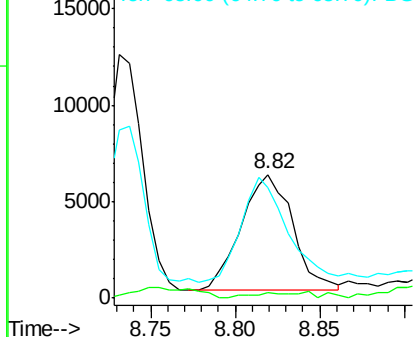


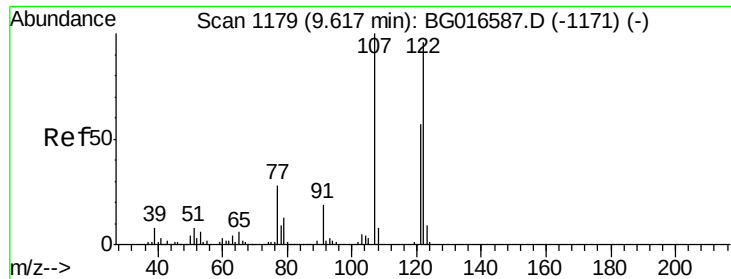
#24
 Nitrobenzene
 Concen: 2.26 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Tgt Ion: 77 Resp: 12721
 Ion Ratio Lower Upper
 77 100
 123 4.2 44.8 67.2#
 65 89.5 9.8 14.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

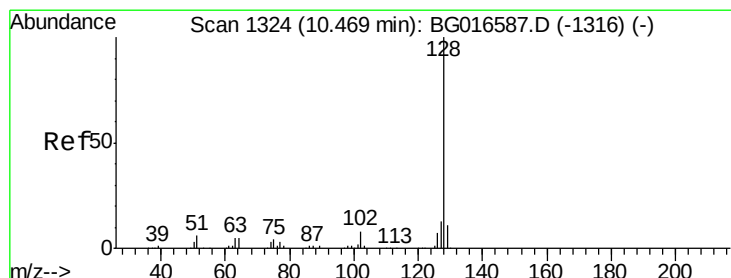
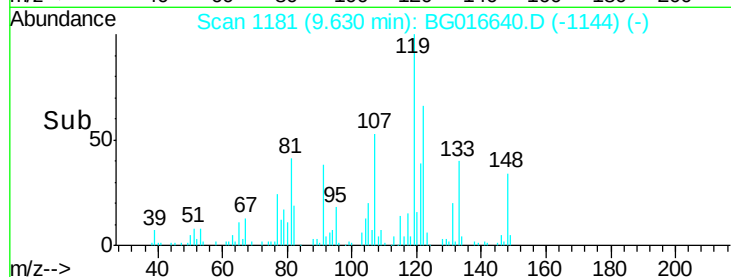
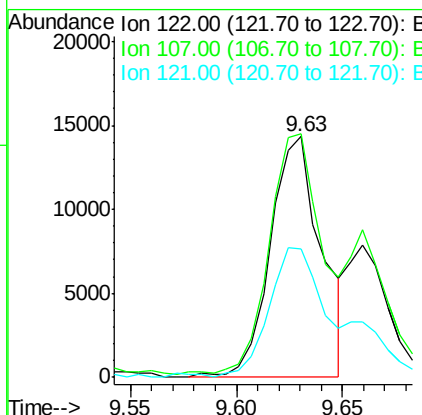
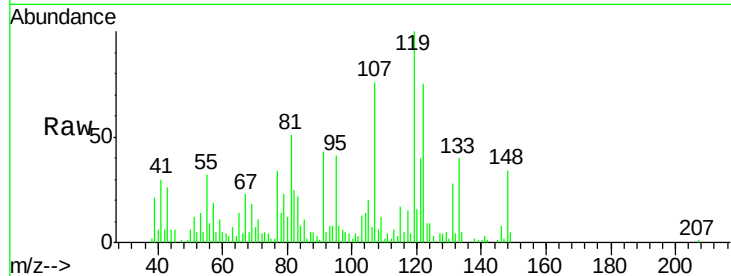




#27
2,4-Dimethylphenol
Concen: 4.55 ng
RT: 9.63 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

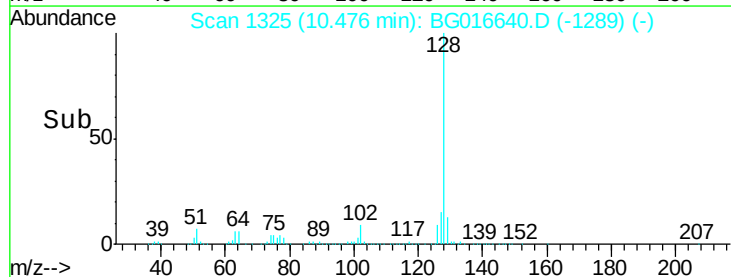
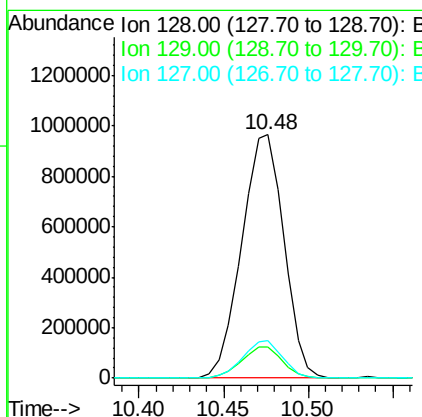
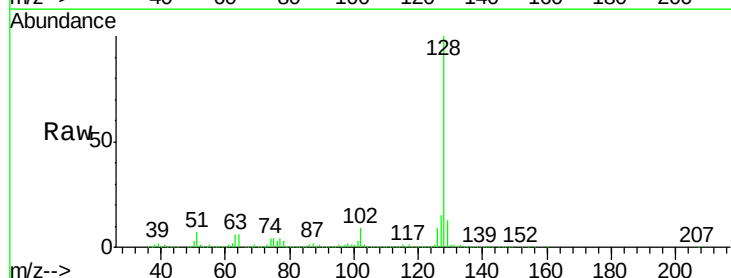
Instrument :
BNA_G
ClientSampleId :
S8-0435

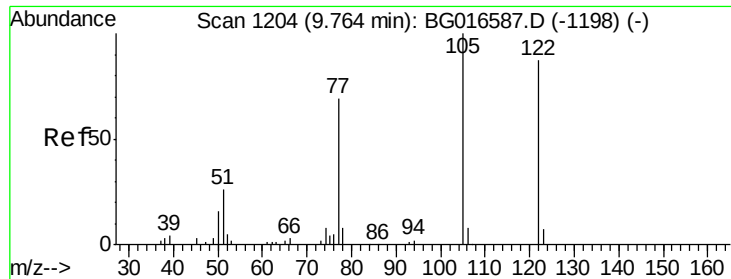
Tgt Ion:122 Resp: 24064
Ion Ratio Lower Upper
122 100
107 101.2 82.9 124.3
121 53.6 47.0 70.4



#31
Naphthalene
Concen: 96.49 ng
RT: 10.48 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG016640.D
Acq: 23 Apr 2015 5:31

Tgt Ion:128 Resp: 1676854
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 15.4 10.6 16.0





#32

Benzoic acid

Concen: 7.95 ng

RT: 9.83 min Scan# 1215

Delta R.T. 0.05 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Instrument :

BNA_G

ClientSampleId :

S8-0435

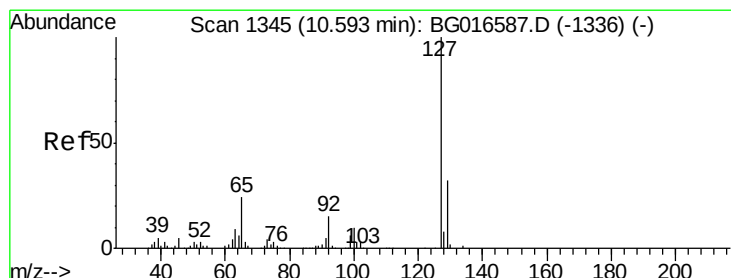
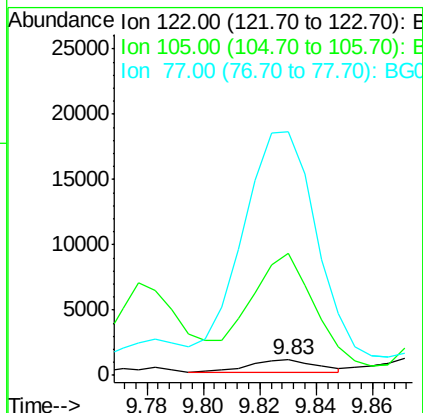
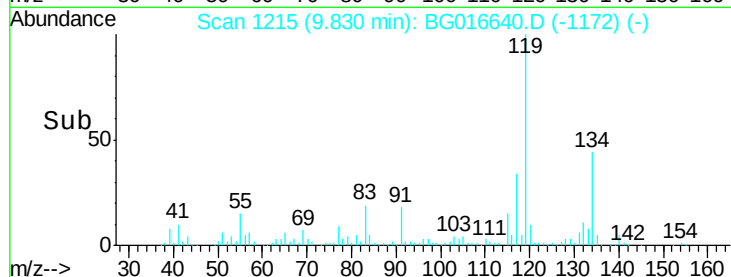
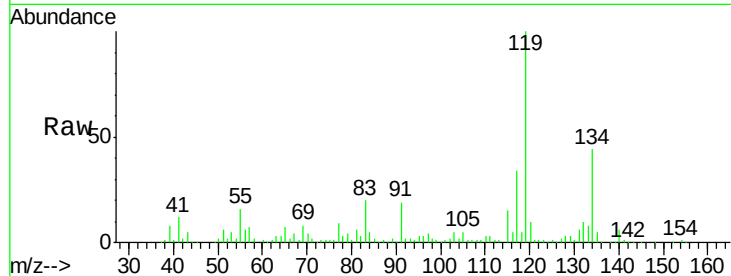
Tgt Ion:122 Resp: 1569

Ion Ratio Lower Upper

122 100

105 790.5 95.5 135.5#

77 1571.7 60.2 100.2#



#33

4-Chloroaniline

Concen: 30.52 ng

RT: 10.48 min Scan# 1325

Delta R.T. -0.11 min

Lab File: BG016640.D

Acq: 23 Apr 2015 5:31

Tgt Ion:127 Resp: 242522

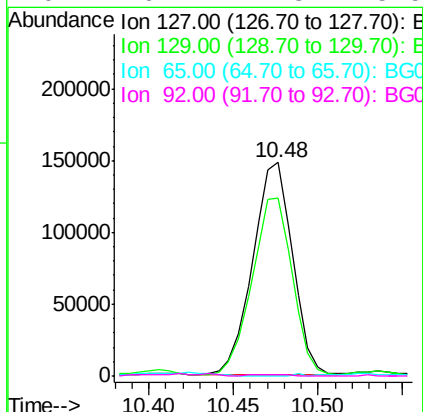
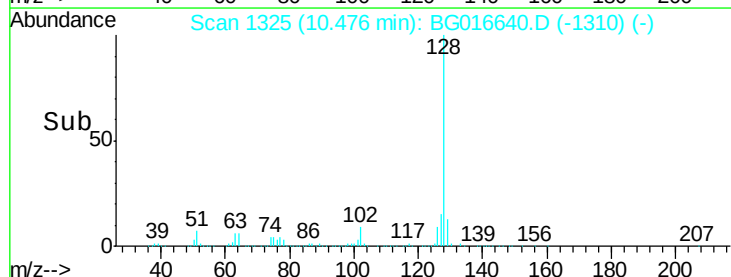
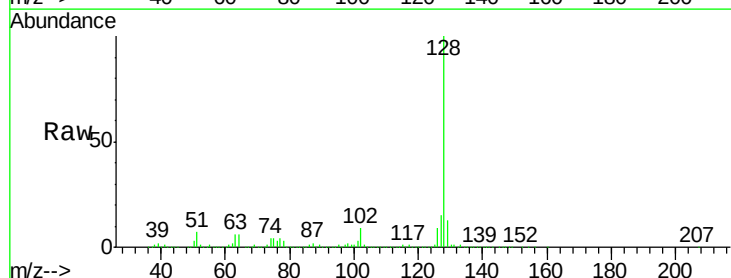
Ion Ratio Lower Upper

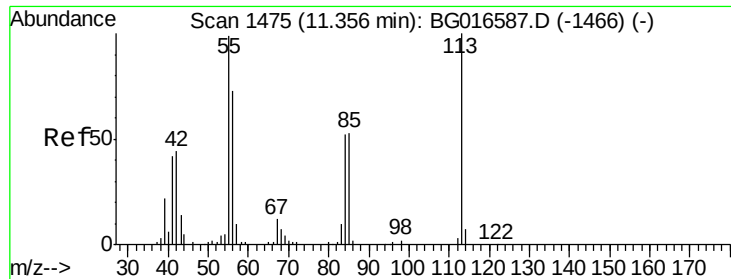
127 100

129 83.3 25.4 38.0#

65 0.0 19.0 28.4#

92 0.4 12.3 18.5#

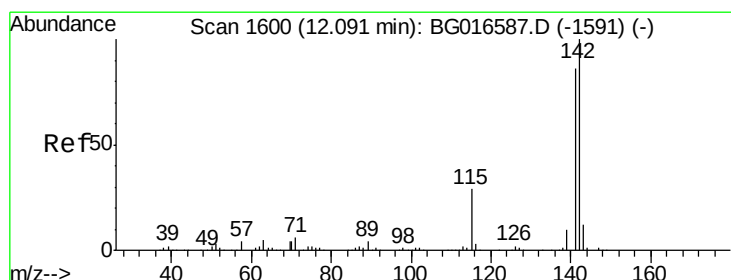
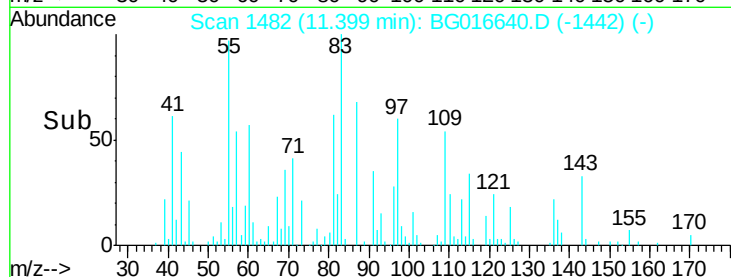
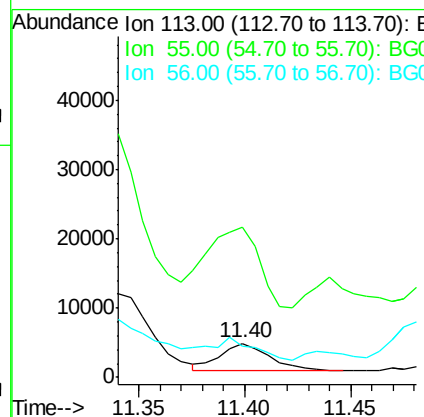
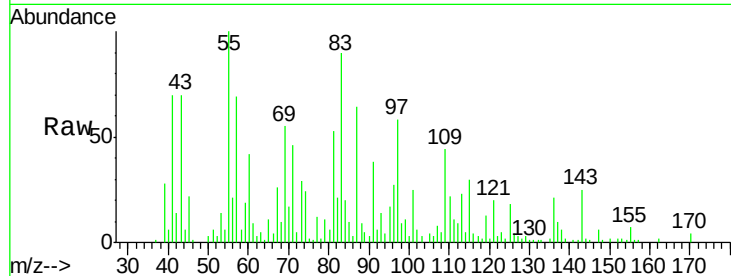




#35
 Caprolactam
 Concen: 2.48 ng
 RT: 11.40 min Scan# 1482
 Delta R.T. 0.03 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampleId :
 S8-0435

Tgt Ion:113 Resp: 6275
 Ion Ratio Lower Upper
 113 100
 55 439.2 79.2 119.2#
 56 92.1 53.2 93.2



#37
 2-Methylnaphthalene
 Concen: 43.70 ng
 RT: 12.09 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG016640.D
 Acq: 23 Apr 2015 5:31

Tgt Ion:142 Resp: 543759
 Ion Ratio Lower Upper
 142 100
 141 87.1 68.6 102.8
 115 34.3 23.3 34.9

