

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016639.D
 Acq On : 23 Apr 2015 4:57
 Operator : TP/IZ
 Sample : G1976-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0434

Quant Time: Apr 23 07:03:22 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	7.63	152	62076	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	271622	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	162473	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	338894	20.00	ng	0.00
75) Chrysene-d12	21.21	240	299634	20.00	ng	0.00
86) Perylene-d12	23.43	264	291296	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	179150	46.25	ng	0.02
7) Phenol-d6	6.84	99	149638	27.65	ng	0.00
23) Nitrobenzene-d5	8.79	82	331094	75.06	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	122513	111.02	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	712240	72.60	ng	0.00
78) Terphenyl-d14	19.66	244	722256	58.07	ng	0.00

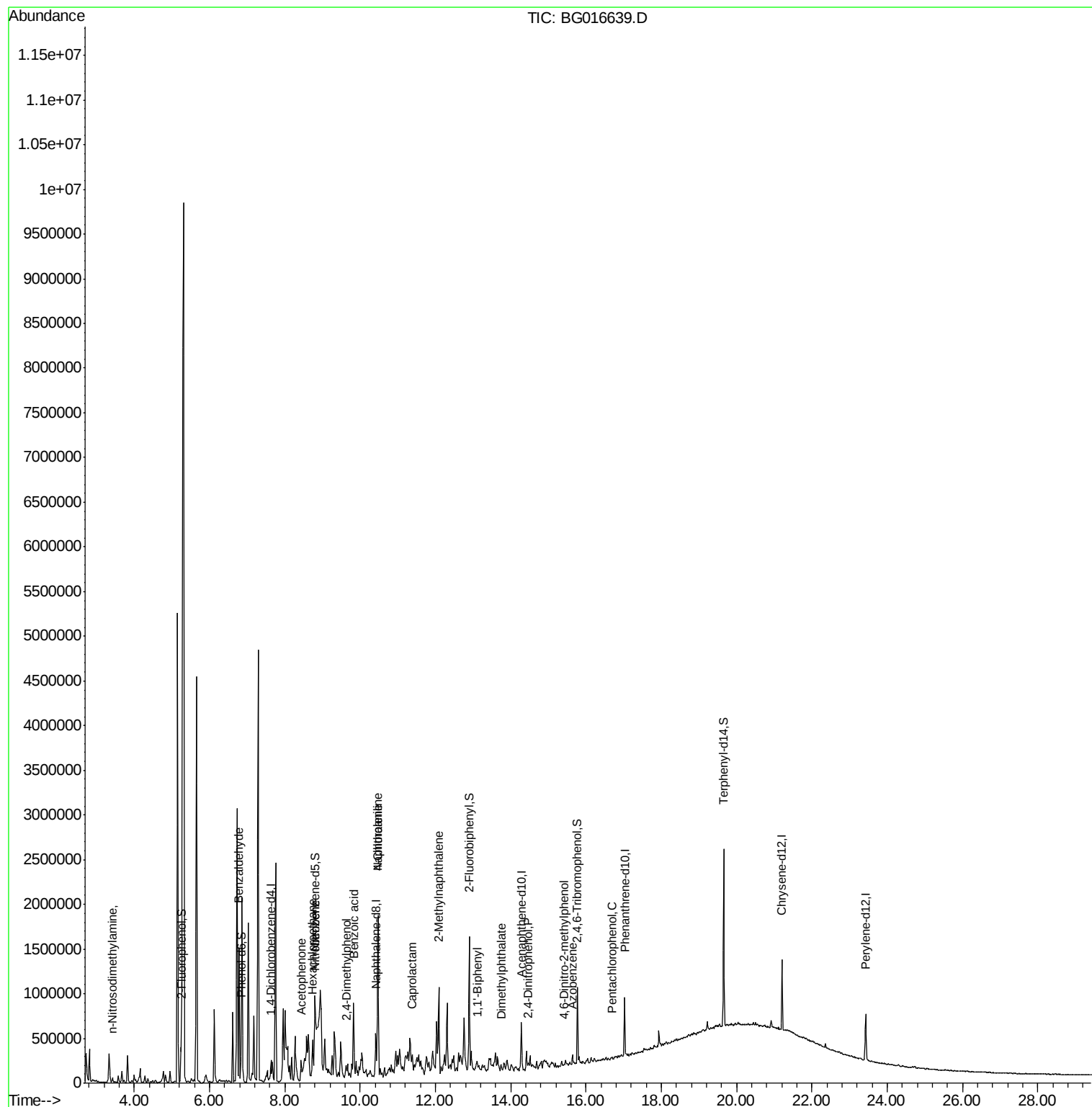
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.42	42	3675	2.55	ng	# 1
9) Benzaldehyde	6.78	77	94434	38.35	ng	# 1
18) Hexachloroethane	8.73	117	60579	34.33	ng	# 1
22) Acetophenone	8.43	105	147865	24.44	ng	# 52
24) Nitrobenzene	8.82	77	10628	2.31	ng	# 5
27) 2,4-Dimethylphenol	9.62	122	18659	4.33	ng	98
31) Naphthalene	10.47	128	1414010	99.72	ng	97
32) Benzoic acid	9.83	122	1311	7.98	ng	# 1
33) 4-Chloroaniline	10.47	127	199192	30.72	ng	# 34
35) Caprolactam	11.39	113	5506	2.67	ng	# 1
37) 2-Methylnaphthalene	12.09	142	441937	43.54	ng	95
45) 1,1'-Biphenyl	13.11	154	35686	2.85	ng	98
49) Dimethylphthalate	13.74	163	27069	2.25	ng	# 95
53) 2,4-Dinitrophenol	14.47	184	1090	9.10	ng	# 1
62) Azobenzene	15.64	77	31262	2.63	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.41	198	450	4.30	ng	# 1
69) Pentachlorophenol	16.69	266	751	6.72	ng	93

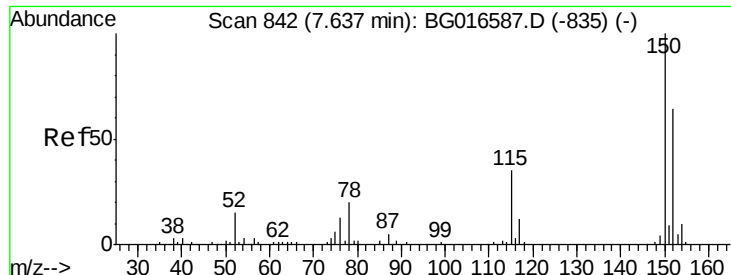
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 03:17:21 2015
Response via : Initial Calibration

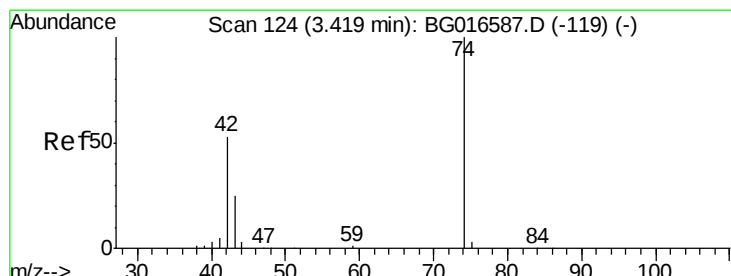
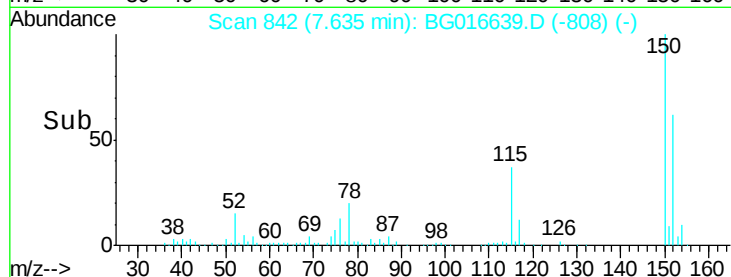
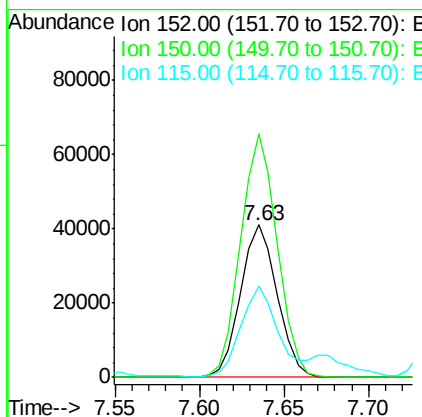
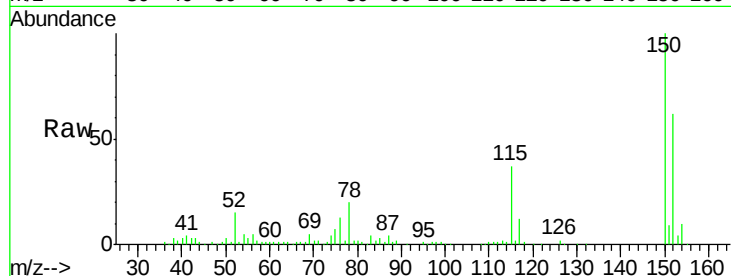




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.63 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

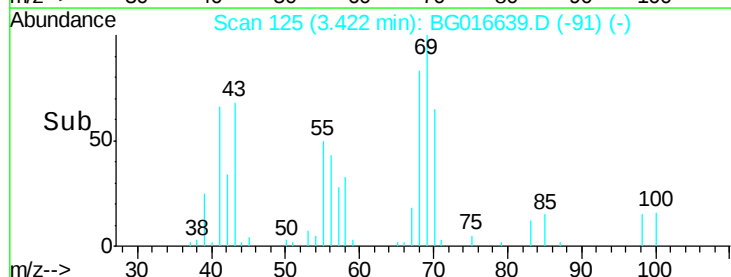
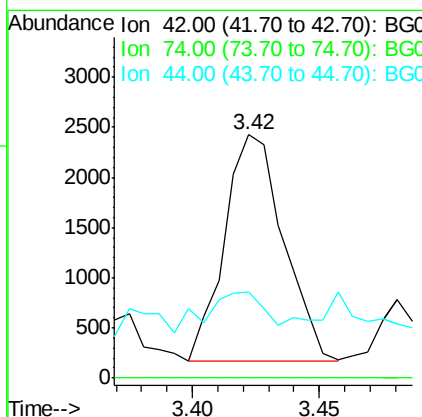
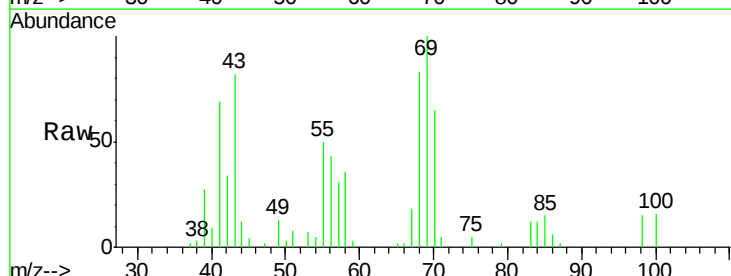
Instrument :
 BNA_G
 ClientSampleId :
 S8-0434

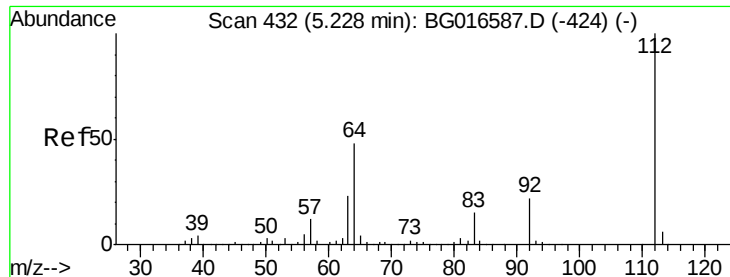
Tgt Ion:152 Resp: 62076
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.5 188.3
 115 59.7 44.5 66.7



#4
 n-Nitrosodimethylamine
 Concen: 2.55 ng
 RT: 3.42 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

Tgt Ion: 42 Resp: 3675
 Ion Ratio Lower Upper
 42 100
 74 0.0 151.6 227.4#
 44 35.2 4.9 7.3#





#5

2-Fluorophenol

Concen: 46.25 ng

RT: 5.24 min Scan# 435

Delta R.T. 0.02 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

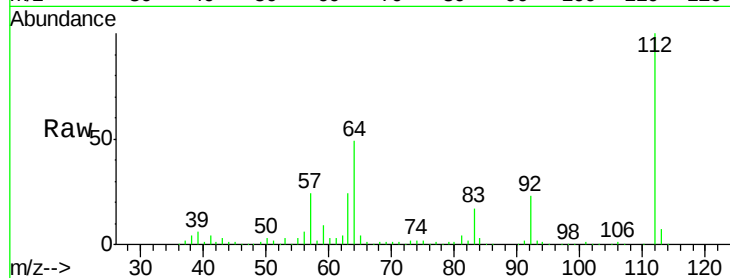
Tgt Ion: 112 Resp: 179150

Ion Ratio Lower Upper

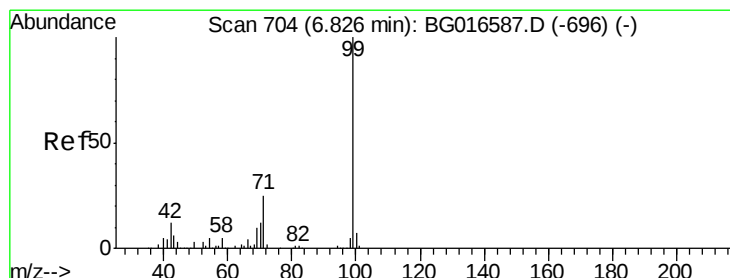
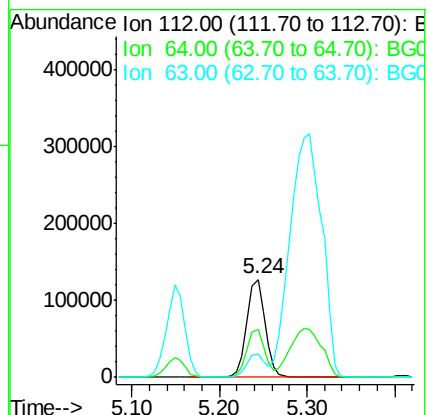
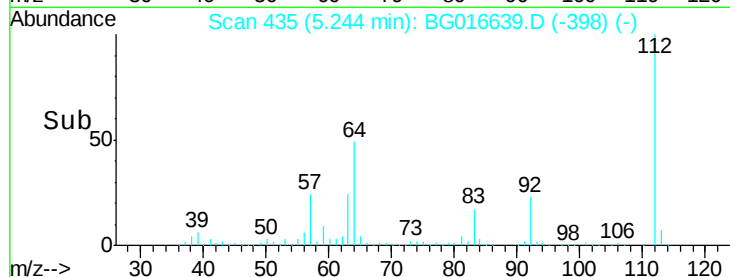
112 100

64 48.6 38.5 57.7

63 24.2 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: 27.65 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

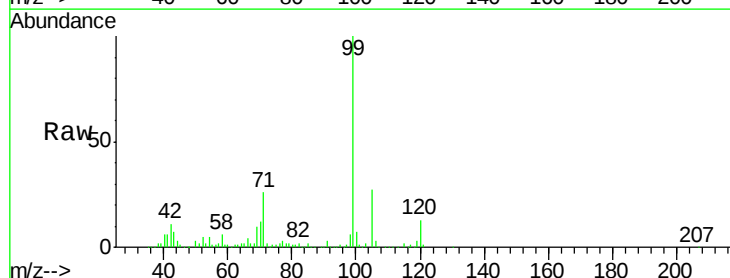
Tgt Ion: 99 Resp: 149638

Ion Ratio Lower Upper

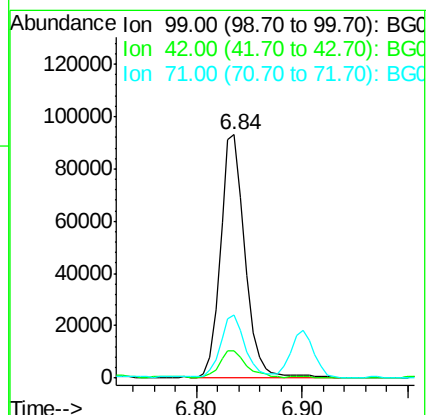
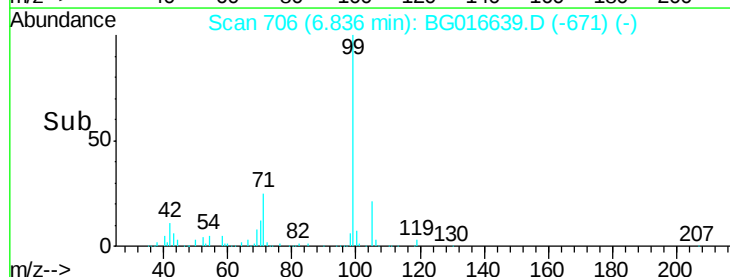
99 100

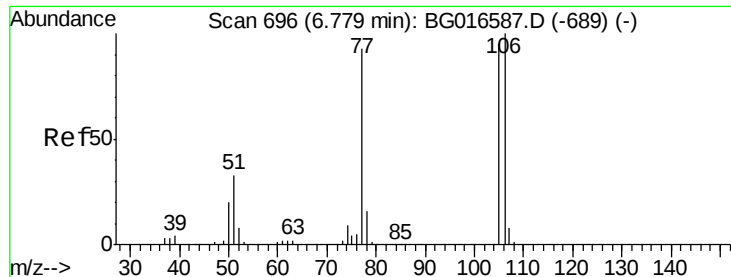
42 11.4 9.5 14.3

71 26.1 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: 38.35 ng

RT: 6.78 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampled :

S8-0434

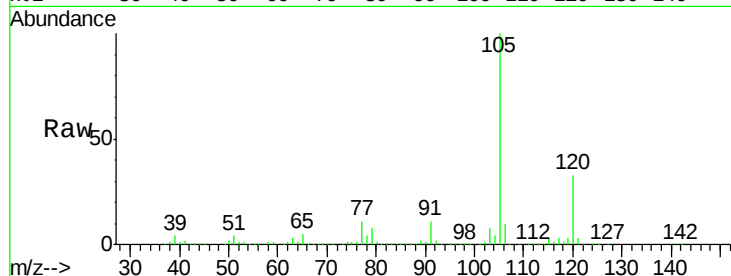
Tgt Ion: 77 Resp: 94434

Ion Ratio Lower Upper

77 100

105 897.6 81.6 121.6#

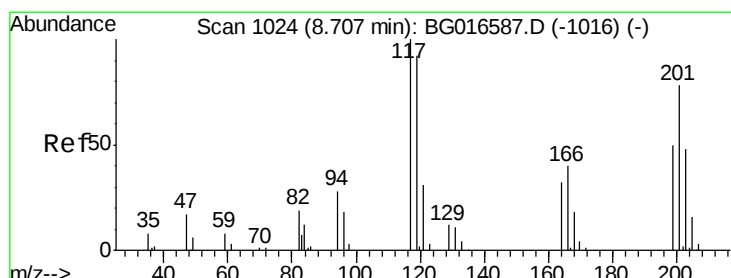
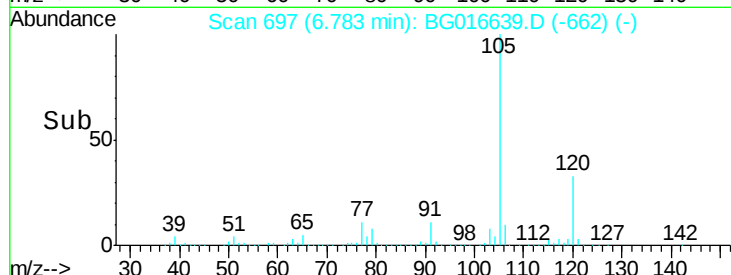
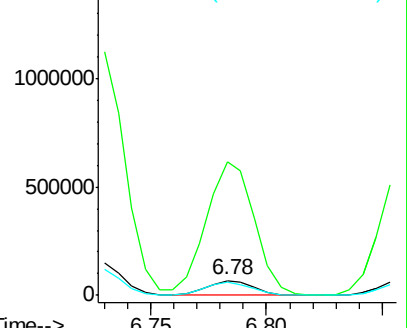
106 86.6 87.4 127.4#



Abundance Ion 77.00 (76.70 to 77.70): BG016587.D (-689) (-)

Ion 105.00 (104.70 to 105.70): BG016587.D (-689) (-)

Ion 106.00 (105.70 to 106.70): BG016587.D (-689) (-)



#18

Hexachloroethane

Concen: 34.33 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.03 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

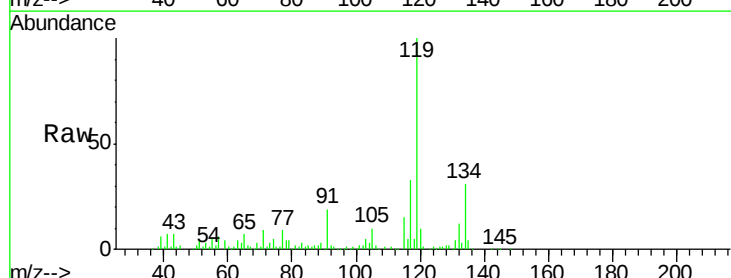
Tgt Ion: 117 Resp: 60579

Ion Ratio Lower Upper

117 100

119 300.2 73.8 110.8#

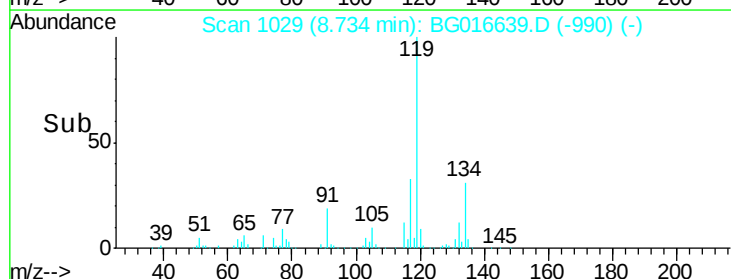
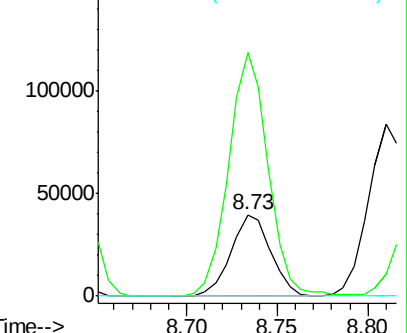
201 0.0 62.2 93.2#

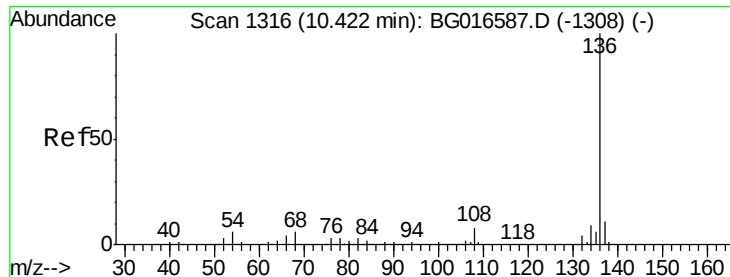


Abundance Ion 117.00 (116.70 to 117.70): BG016587.D (-1016) (-)

Ion 119.00 (118.70 to 119.70): BG016587.D (-1016) (-)

Ion 201.00 (200.70 to 201.70): BG016587.D (-1016) (-)

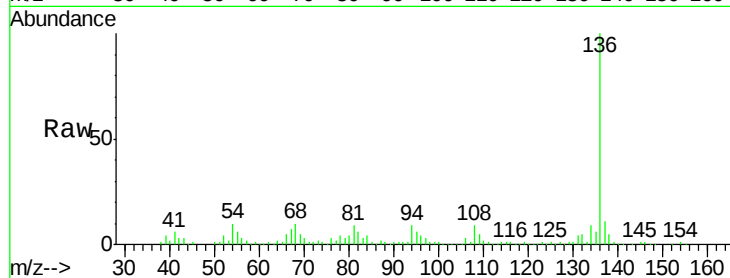




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
S8-0434

Tgt Ion:	136	Resp:	271622
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.5	4.9	7.3#
68	10.2	4.9	7.3#



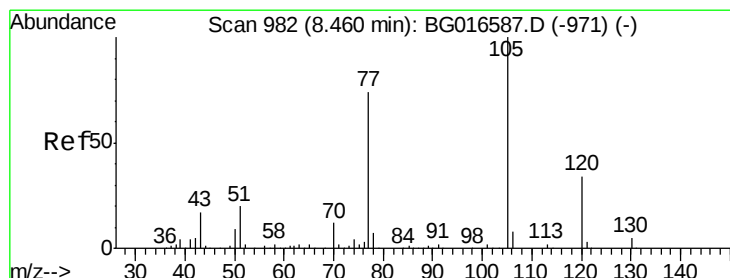
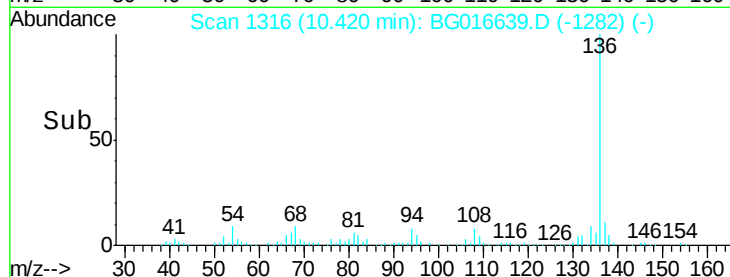
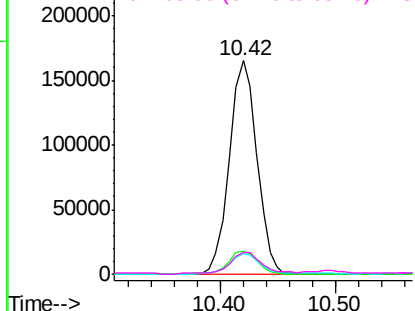
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

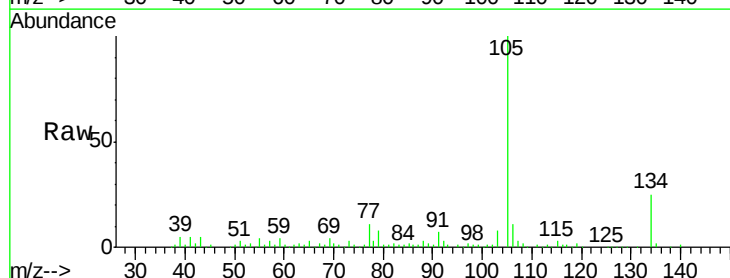
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 24.44 ng
RT: 8.43 min Scan# 978
Delta R.T. -0.02 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Tgt Ion:	105	Resp:	147865
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.8	2.6#
51	3.5	16.5	24.7#
120	0.4	26.8	40.2#



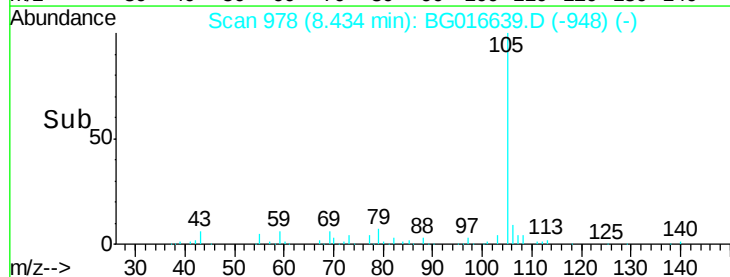
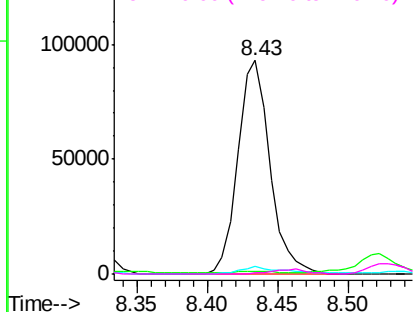
Abundance

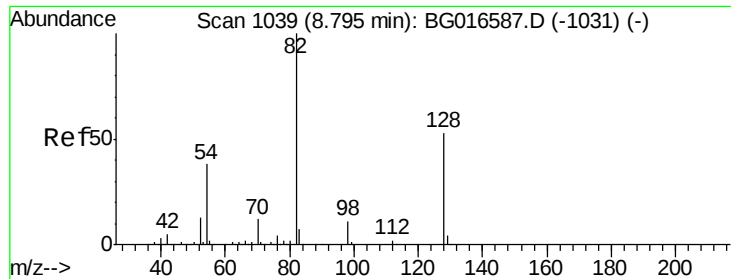
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

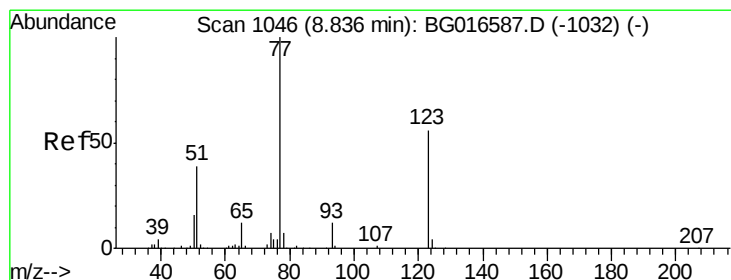
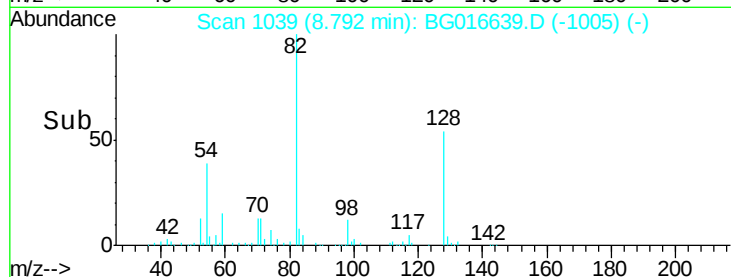
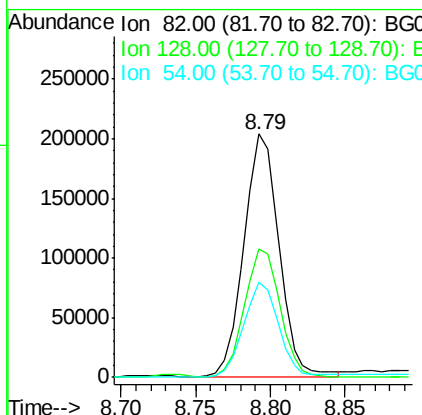
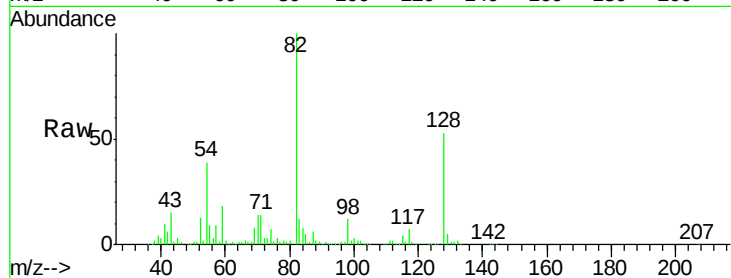




#23
 Nitrobenzene-d5
 Concen: 75.06 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

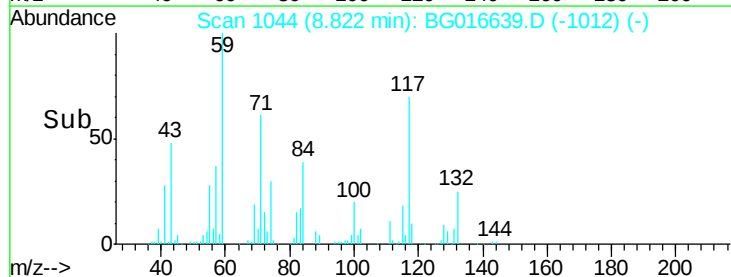
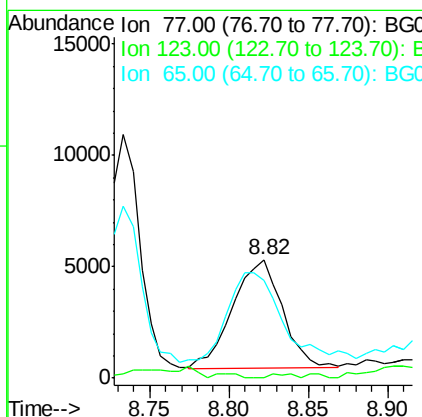
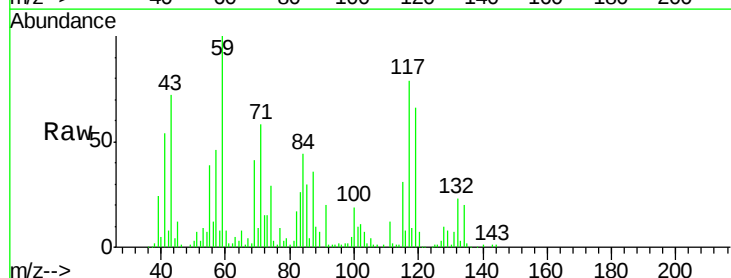
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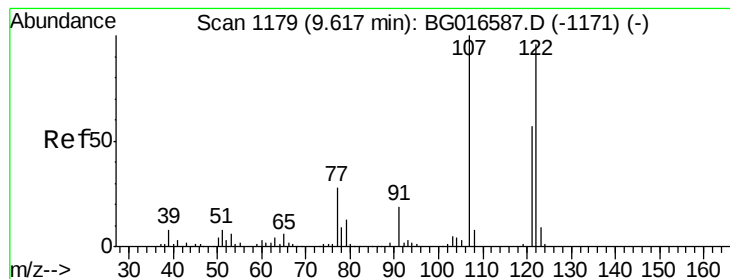
Tgt Ion: 82 Resp: 331094
 Ion Ratio Lower Upper
 82 100
 128 53.0 42.7 64.1
 54 39.1 30.6 45.8



#24
 Nitrobenzene
 Concen: 2.31 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

Tgt Ion: 77 Resp: 10628
 Ion Ratio Lower Upper
 77 100
 123 0.0 44.8 67.2#
 65 83.0 9.8 14.6#





#27

2,4-Dimethylphenol

Concen: 4.33 ng

RT: 9.62 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

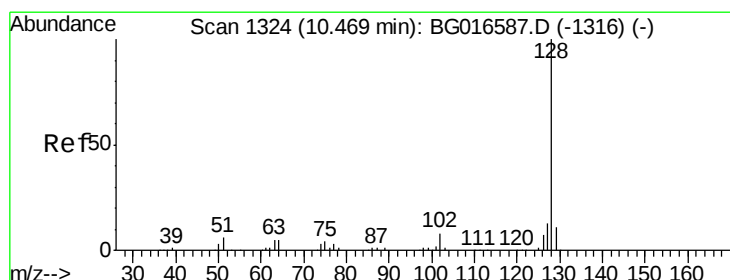
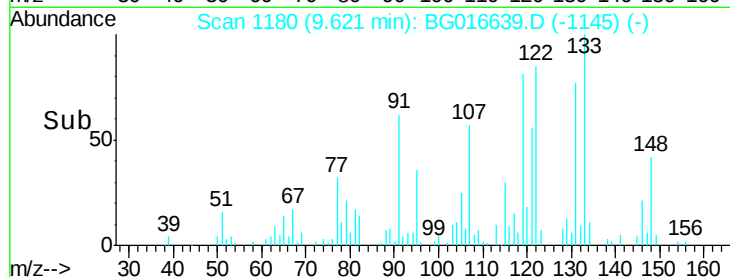
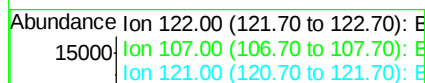
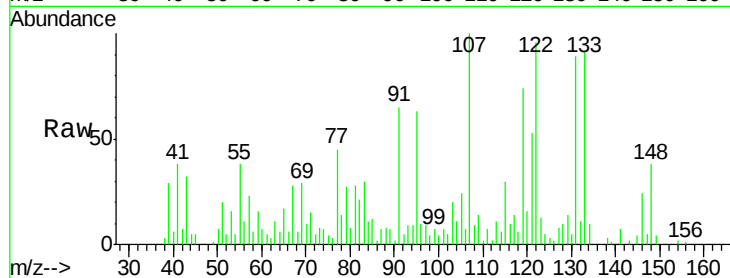
Tgt Ion:122 Resp: 18659

Ion Ratio Lower Upper

122 100

107 104.3 82.9 124.3

121 55.0 47.0 70.4



#31

Naphthalene

Concen: 99.72 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Tgt Ion:128 Resp: 1414010

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 14.8 10.6 16.0

