

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024700.D
 Acq On : 5 Nov 2016 6:56
 Operator : UM/SJ
 Sample : H5531-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0019

Quant Time: Nov 06 23:43:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

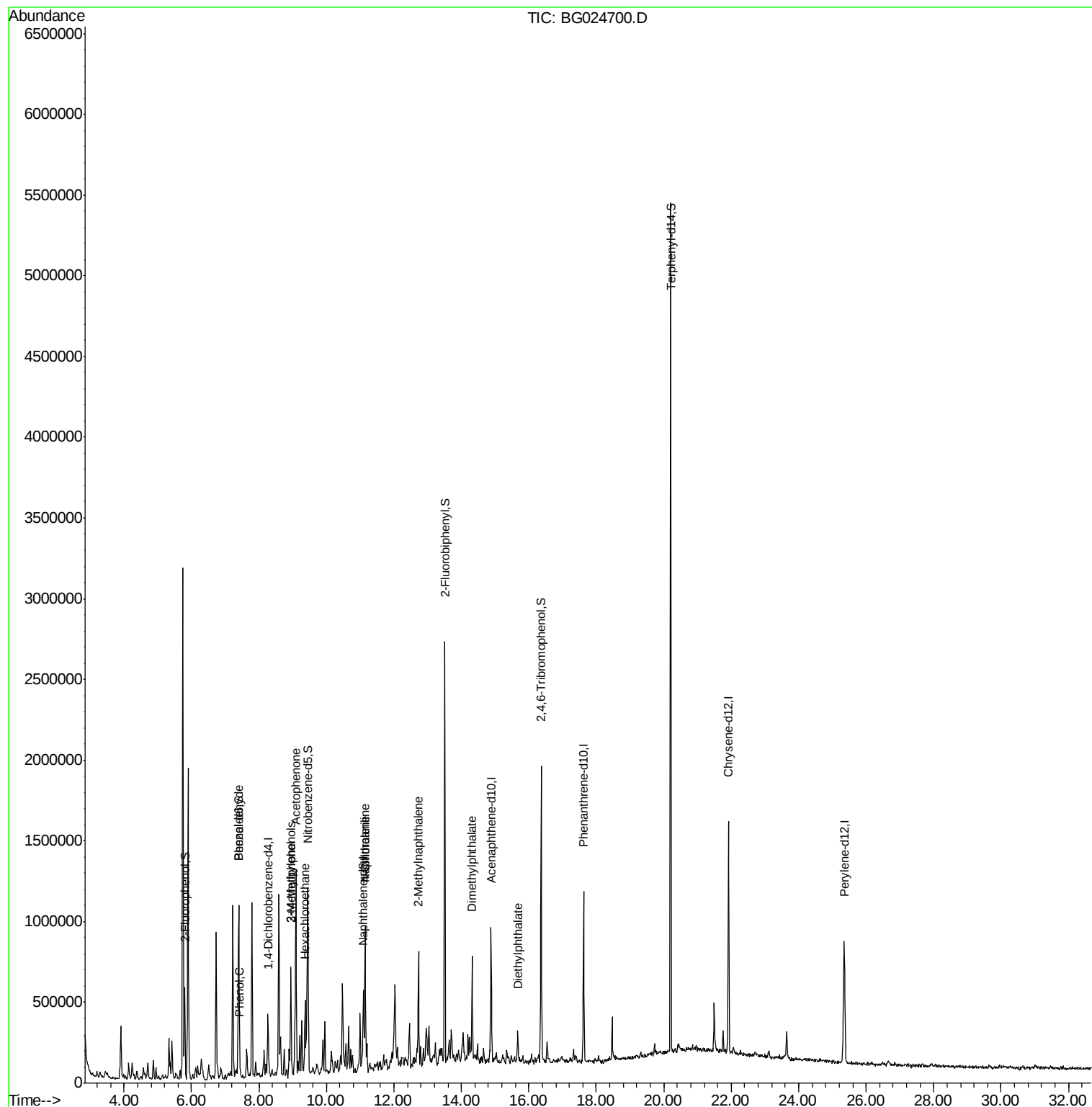
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	103476	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	391495	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	308421	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	683976	20.00	ng	0.00
75) Chrysene-d12	21.92	240	972500	20.00	ng	0.00
86) Perylene-d12	25.35	264	938832	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	226421	35.86	ng	0.00
7) Phenol-d6	7.40	99	210797	24.34	ng	0.00
23) Nitrobenzene-d5	9.44	82	615382	71.57	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	386639	83.91	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1291690	69.61	ng	0.00
78) Terphenyl-d14	20.21	244	2320113	71.29	ng	0.00
Target Compounds						
9) Benzaldehyde	7.39	77	81251	15.18	ng	Qvalue
10) Phenol	7.43	94	27749	3.11	ng	# 1
17) 2-Methylphenol	8.95	107	167564	28.33	ng	# 85
18) Hexachloroethane	9.38	117	60816	20.16	ng	# 24
20) 3+4-Methylphenols	8.95	107	170579	21.48	ng	# 23
22) Acetophenone	9.10	105	819985	81.54	ng	# 5
31) Naphthalene	11.15	128	692622	35.47	ng	# 89
33) 4-Chloroaniline	11.14	127	102445	12.08	ng	# 99
37) 2-Methylnaphthalene	12.73	142	298710	20.96	ng	# 31
49) Dimethylphthalate	14.32	163	384380	17.56	ng	# 97
59) Diethylphthalate	15.66	149	65663	2.86	ng	# 94
						# 95

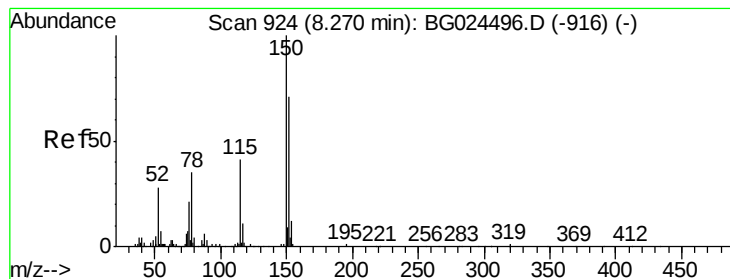
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

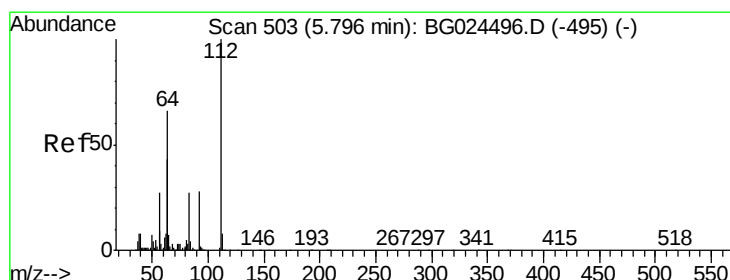
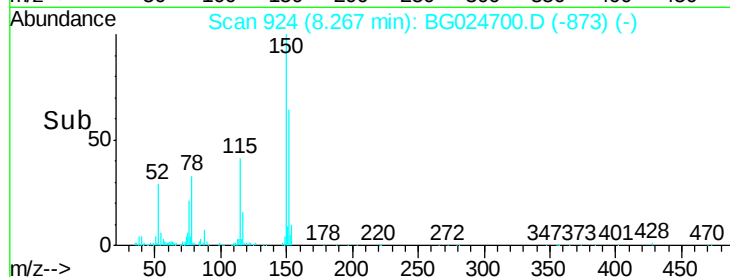
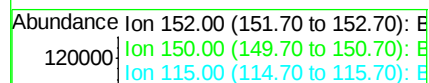
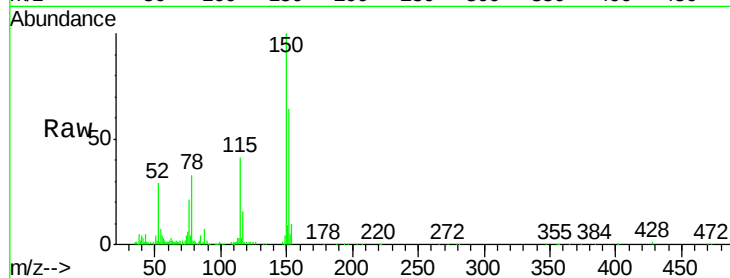
Tgt Ion:152 Resp: 103476

Ion Ratio Lower Upper

152 100

150 156.6 114.0 171.0

115 63.7 48.1 72.1



#5

2-Fluorophenol

Concen: 35.86 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

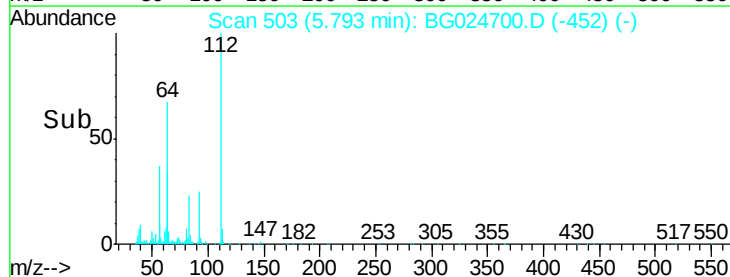
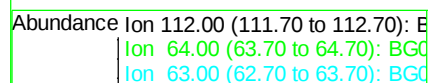
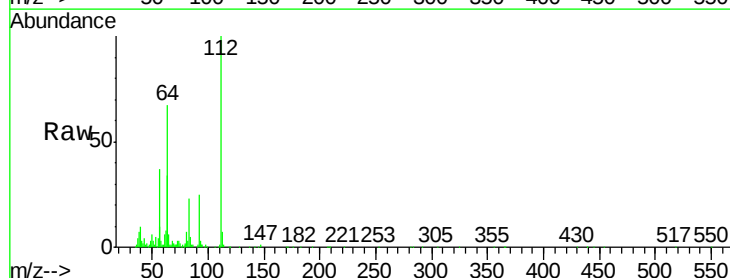
Tgt Ion:112 Resp: 226421

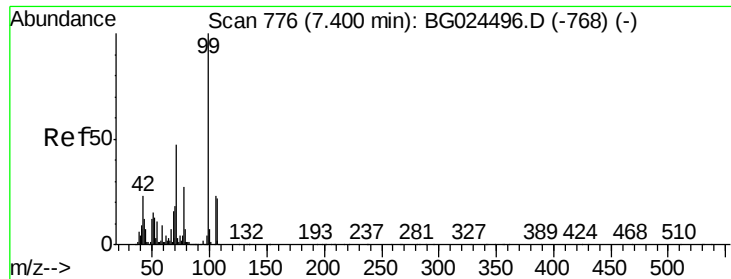
Ion Ratio Lower Upper

112 100

64 67.0 61.8 92.6

63 34.2 37.2 55.8#





#7

Phenol-d6

Concen: 24.34 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

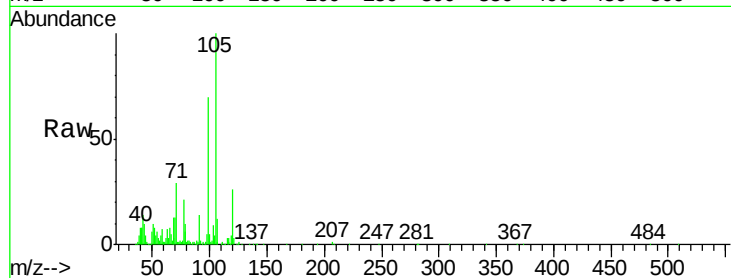
Tgt Ion: 99 Resp: 210797

Ion Ratio Lower Upper

99 100

42 20.6 20.5 30.7

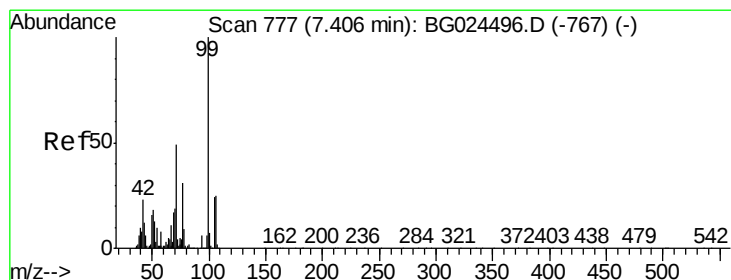
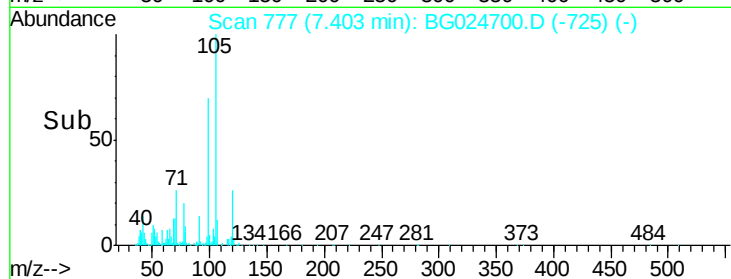
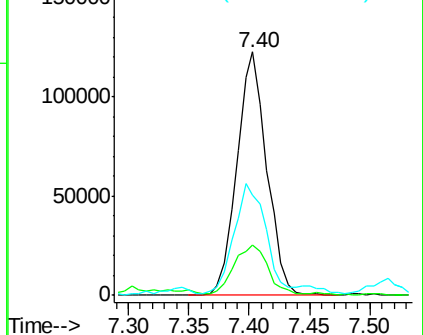
71 41.4 37.6 56.4



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: 15.18 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

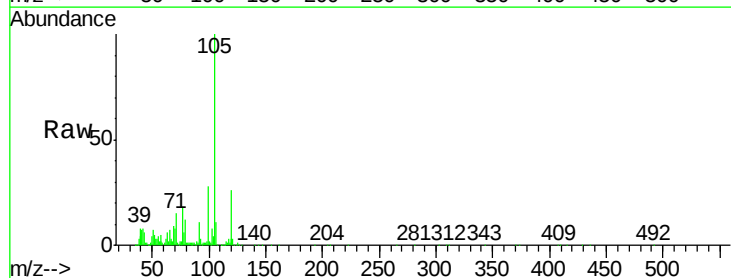
Tgt Ion: 77 Resp: 81251

Ion Ratio Lower Upper

77 100

105 565.3 60.9 100.9#

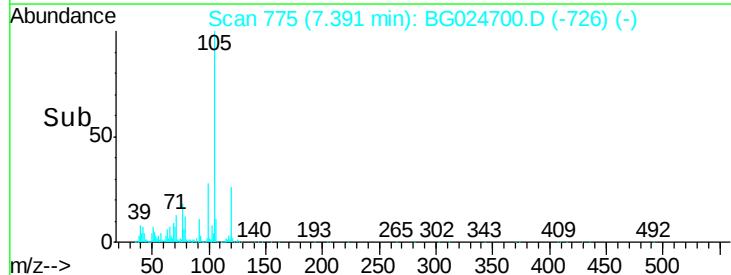
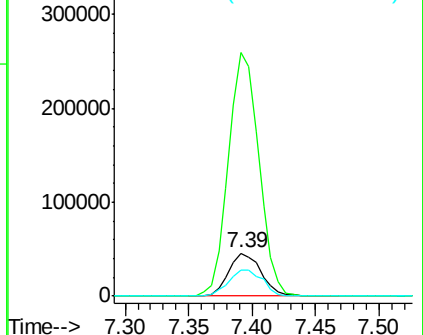
106 59.7 55.1 95.1

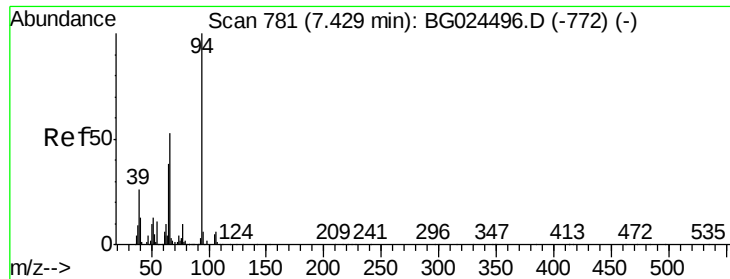


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 3.11 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

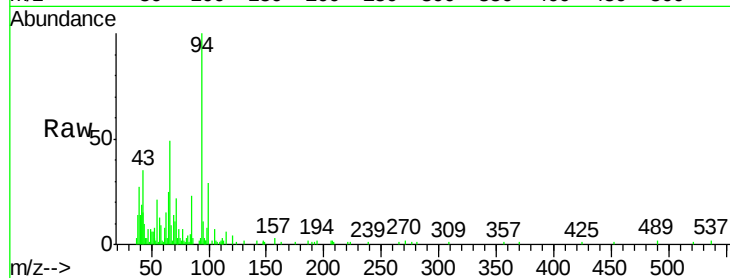
Tgt Ion: 94 Resp: 27749

Ion Ratio Lower Upper

94 100

65 25.4 20.6 60.6

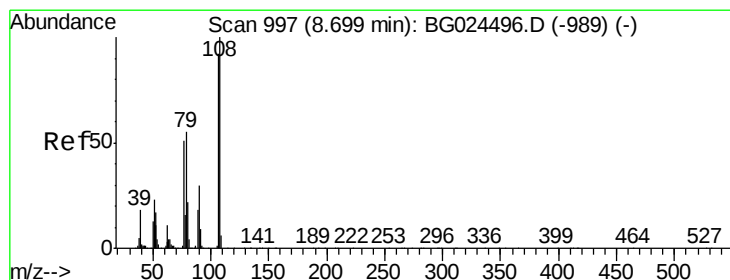
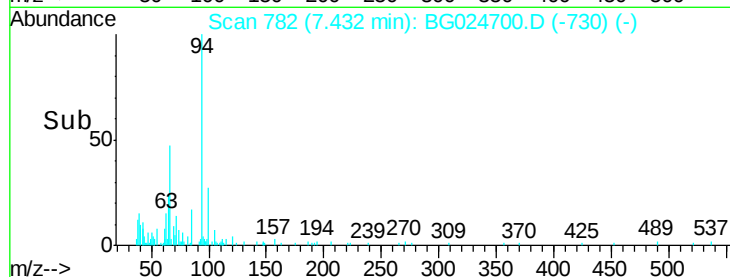
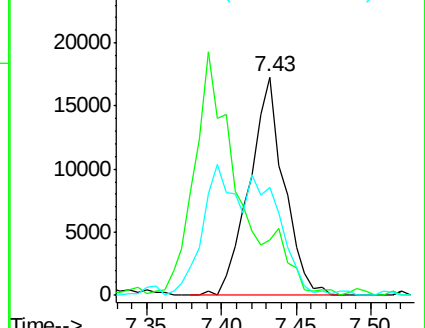
66 49.2 35.5 75.5



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



#17

2-Methylphenol

Concen: 28.33 ng

RT: 8.95 min Scan# 1040

Delta R.T. 0.25 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Tgt Ion: 107 Resp: 167564

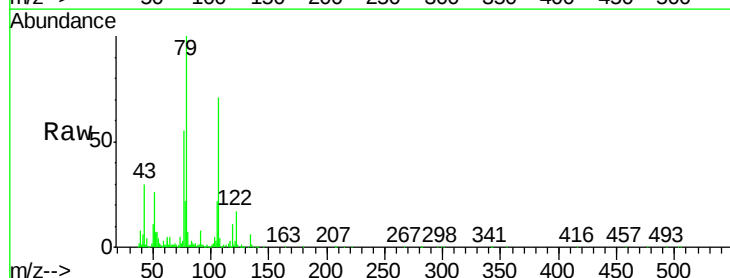
Ion Ratio Lower Upper

107 100

108 5.8 85.6 128.4#

77 77.0 51.4 77.2

79 140.2 49.2 73.8#

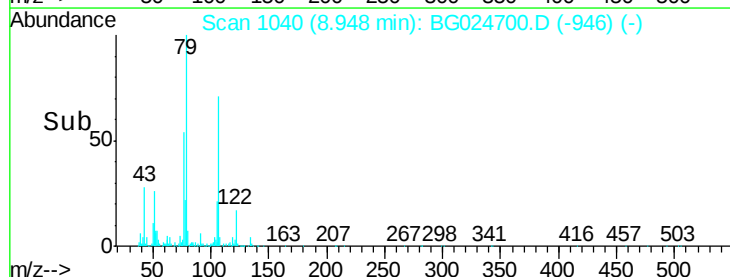
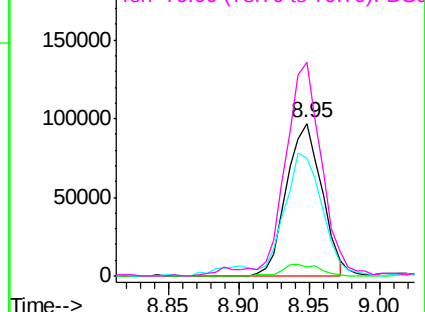


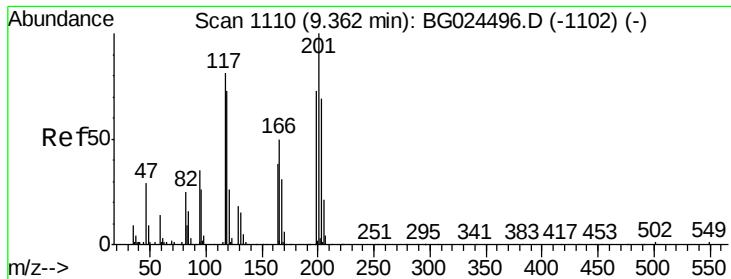
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#18

Hexachloroethane

Concen: 20.16 ng

RT: 9.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Instrument :

BNA_G

ClientSampleId :

S22-0019

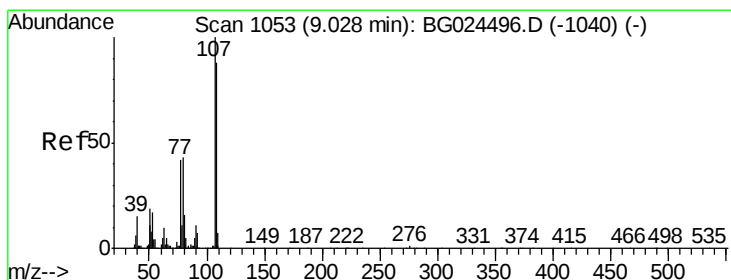
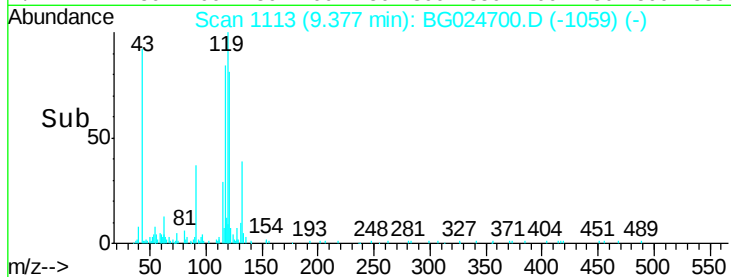
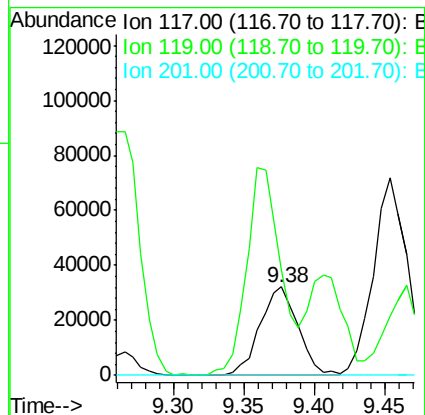
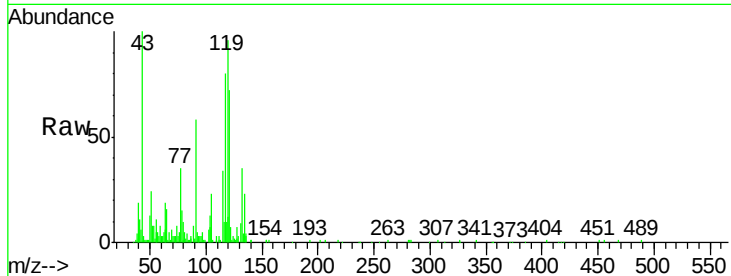
Tgt Ion:117 Resp: 60816

Ion Ratio Lower Upper

117 100

119 119.6 69.8 104.6#

201 0.0 95.4 143.0#



#20

3+4-Methylphenols

Concen: 21.48 ng

RT: 8.95 min Scan# 1040

Delta R.T. -0.08 min

Lab File: BG024700.D

Acq: 5 Nov 2016 6:56

Tgt Ion:107 Resp: 170579

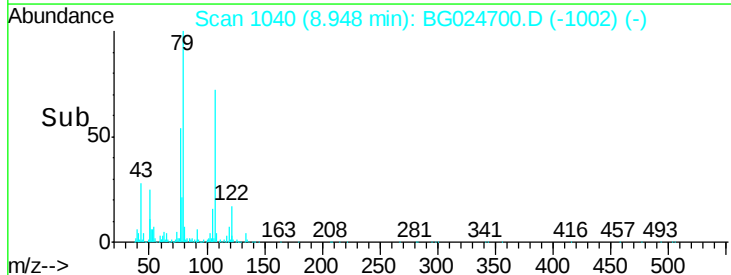
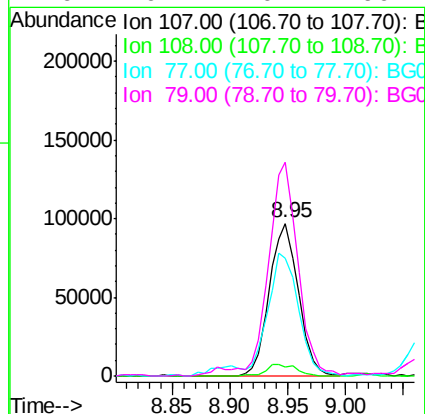
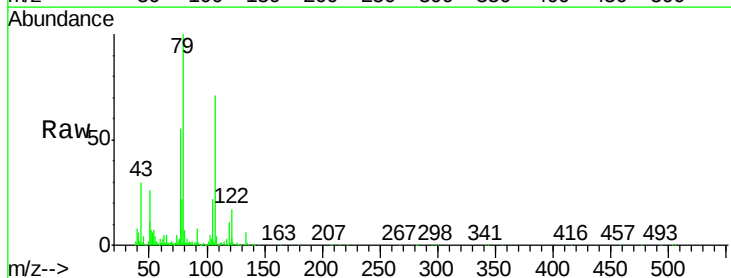
Ion Ratio Lower Upper

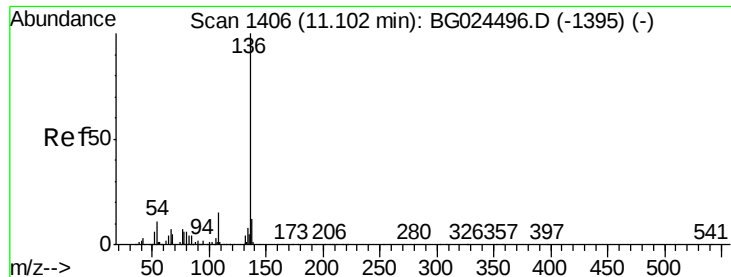
107 100

108 5.8 70.8 110.8#

77 77.0 25.8 65.8#

79 140.2 20.1 60.1#

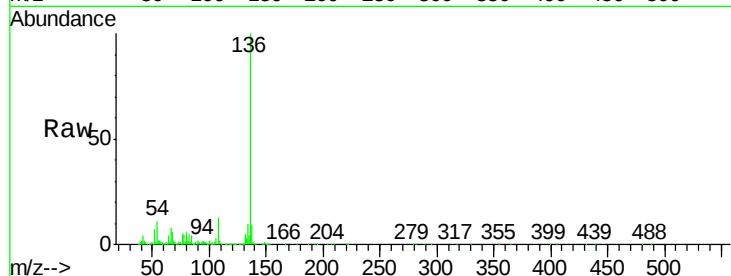




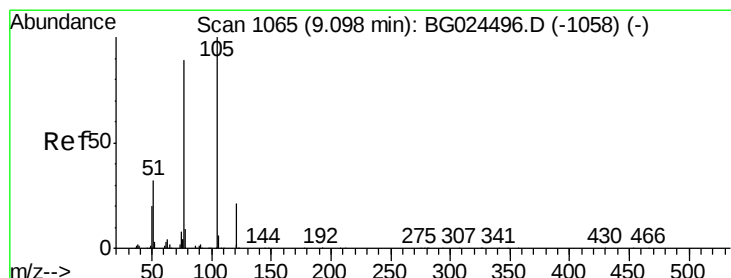
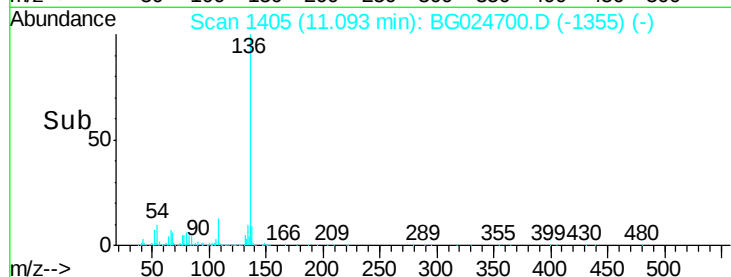
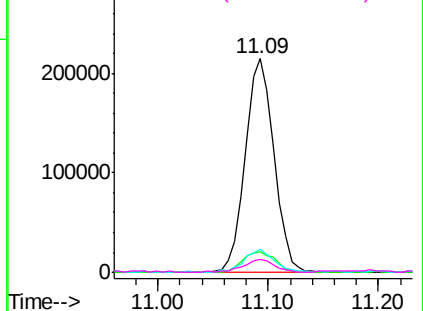
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

Instrument :
BNA_G
ClientSampleId :
S22-0019

Tgt Ion:	136	Resp:	391495
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	10.7	9.3	13.9
68	6.3	5.1	7.7

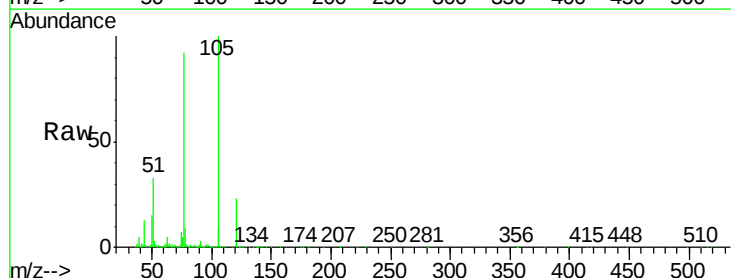


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

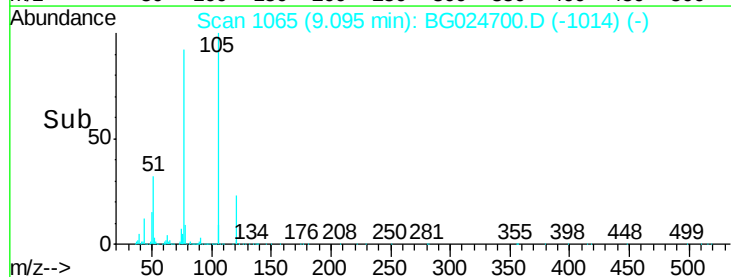
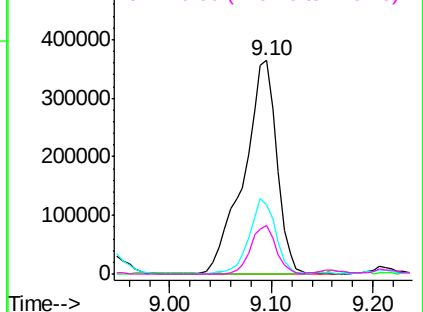


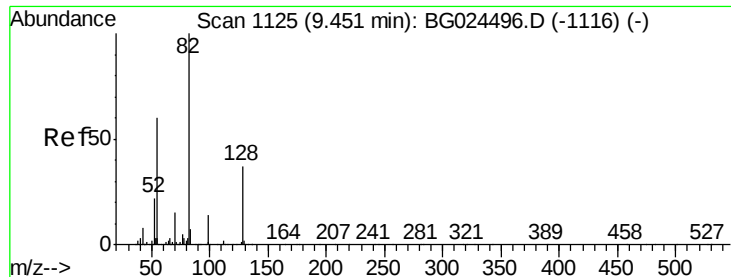
#22
Acetophenone
Concen: 81.54 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024700.D
Acq: 5 Nov 2016 6:56

Tgt Ion:	105	Resp:	819985
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.9	1.3#
51	32.6	34.0	51.0#
120	22.7	17.3	25.9



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

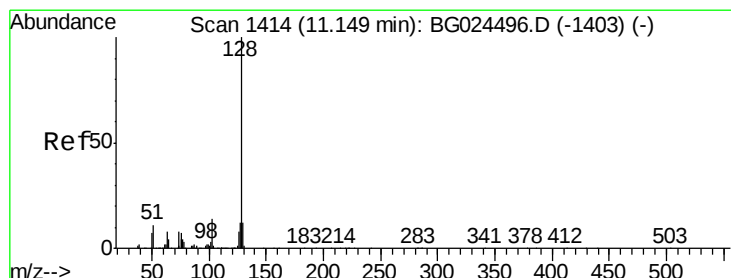
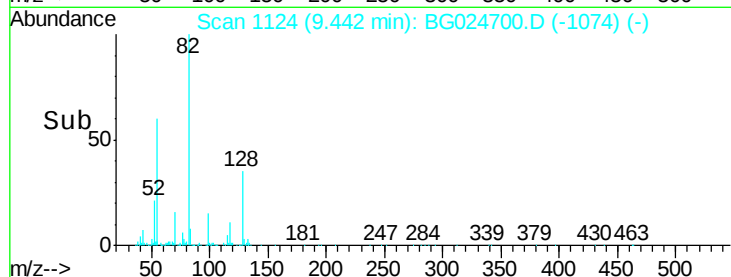
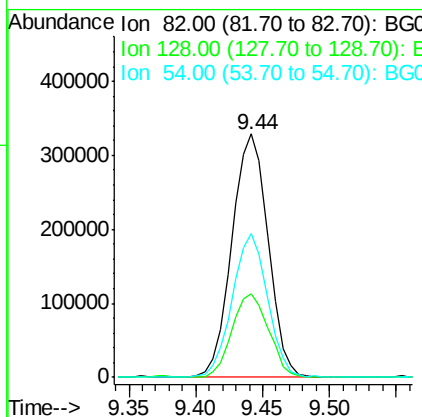
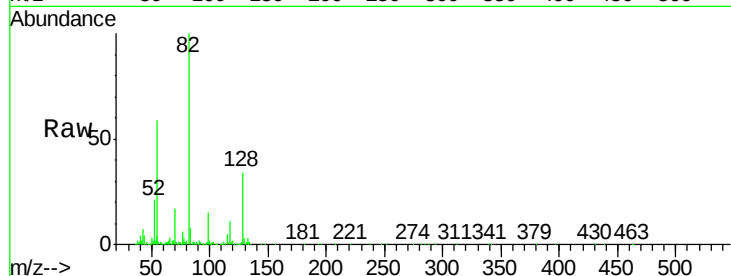




#23
 Nitrobenzene-d5
 Concen: 71.57 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

Instrument :
 BNA_G
 ClientSampleId :
 S22-0019

Tgt Ion: 82 Resp: 615382
 Ion Ratio Lower Upper
 82 100
 128 34.5 26.4 39.6
 54 59.2 49.4 74.2



#31
 Naphthalene
 Concen: 35.47 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG024700.D
 Acq: 5 Nov 2016 6:56

Tgt Ion: 128 Resp: 692622
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.3 13.9
 127 13.6 11.4 17.0

