

Data Path : Z:\HPCHEM1\BNA_G\Data\BG042815\
 Data File : BG016784.D
 Acq On : 29 Apr 2015 5:02
 Operator : TP/IZ
 Sample : G2004-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Apr 29 05:53:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 00:55:31 2015
 Response via : Initial Calibration

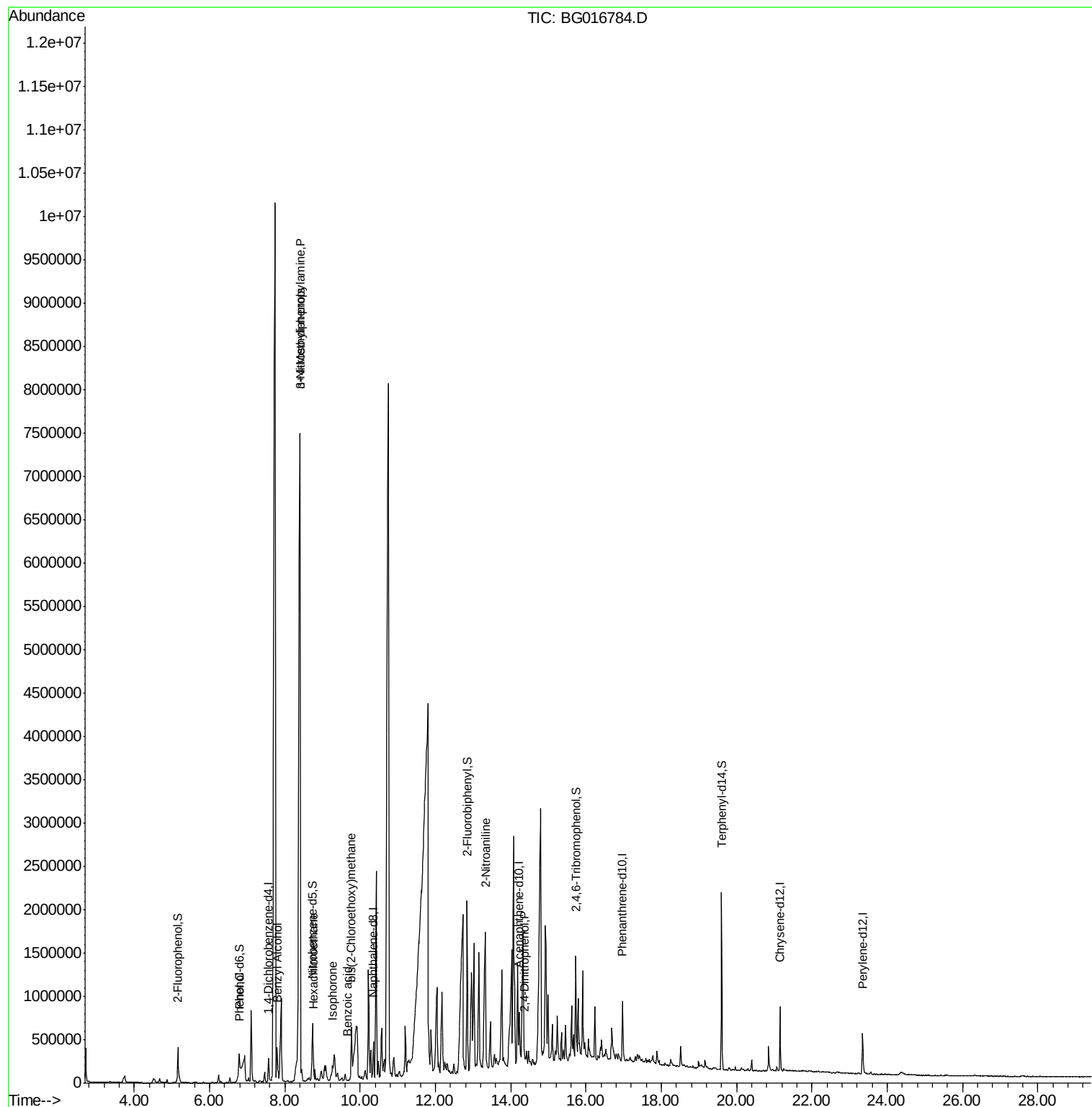
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	78942	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	352303	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	196821	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	346920	20.00	ng	0.00
75) Chrysene-d12	21.16	240	296490	20.00	ng	0.00
86) Perylene-d12	23.35	264	278896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	219801	45.18	ng	0.00
7) Phenol-d6	6.79	99	190022	27.84	ng	0.02
23) Nitrobenzene-d5	8.73	82	387444	69.49	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	142084	97.31	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	914512	74.65	ng	0.00
78) Terphenyl-d14	19.60	244	758613	58.94	ng	0.00
Target Compounds						
10) Phenol	6.81	94	17285	2.40	ng	Qvalue 92
15) Benzyl Alcohol	7.80	79	25704	6.00	ng	# 46
18) Hexachloroethane	8.76	117	43770	19.53	ng	# 7
19) n-Nitroso-di-n-propylamine	8.41	70	717748	168.71	ng	# 64
20) 3+4-Methylphenols	8.41	107	86387	12.77	ng	# 76
25) Isophorone	9.27	82	55748	4.82	ng	# 80
28) bis(2-Chloroethoxy)methane	9.77	93	22395	3.21	ng	# 1
32) Benzoic acid	9.67	122	708	9.05	ng	# 61
47) 2-Nitroaniline	13.33	65	8192	2.53	ng	# 20
53) 2,4-Dinitrophenol	14.38	184	270	7.73	ng	# 1

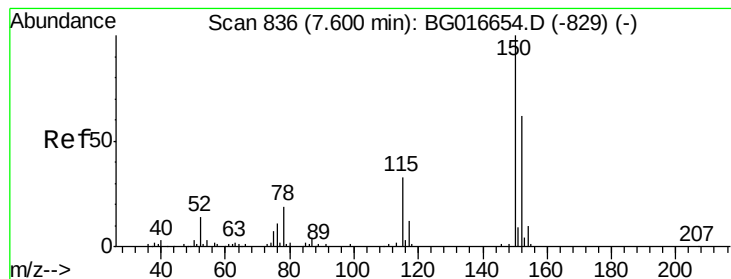
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampleId :

MW-24

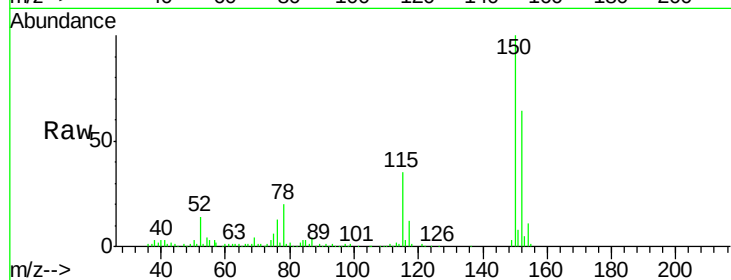
Tgt Ion:152 Resp: 78942

Ion Ratio Lower Upper

152 100

150 155.6 129.6 194.4

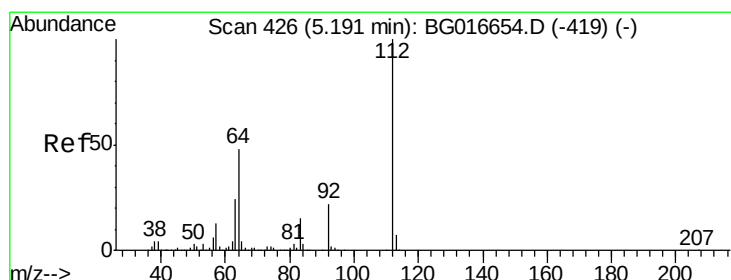
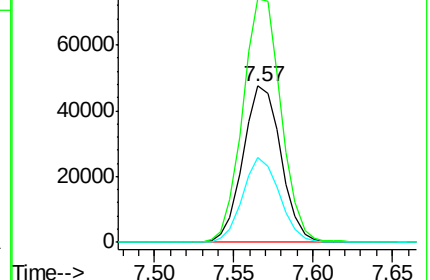
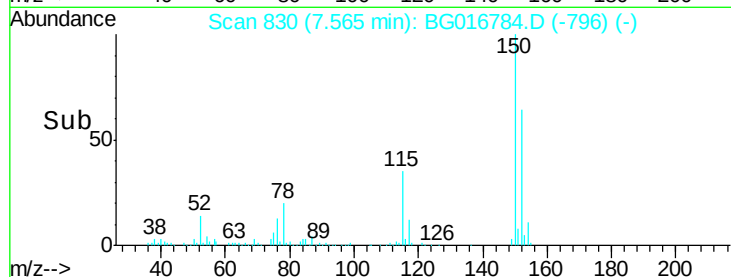
115 53.9 43.0 64.6



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: 45.18 ng

RT: 5.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

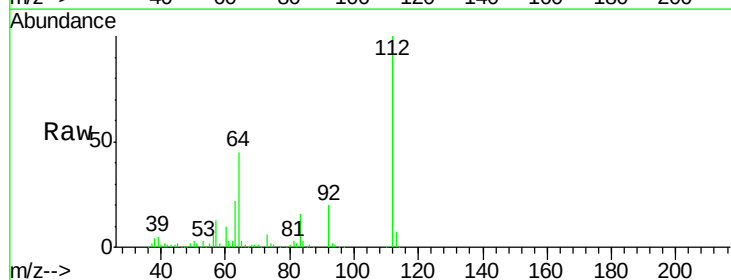
Tgt Ion:112 Resp: 219801

Ion Ratio Lower Upper

112 100

64 44.9 38.3 57.5

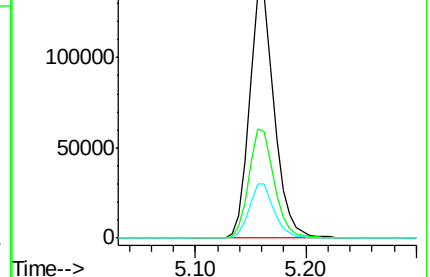
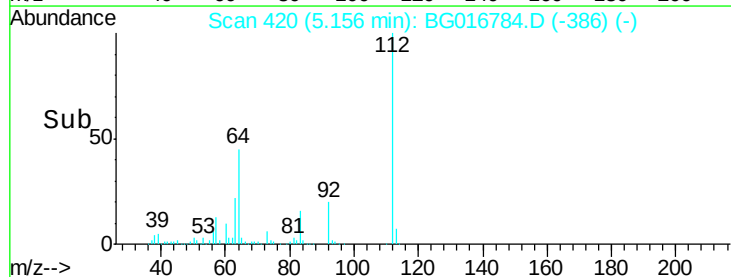
63 22.3 18.9 28.3

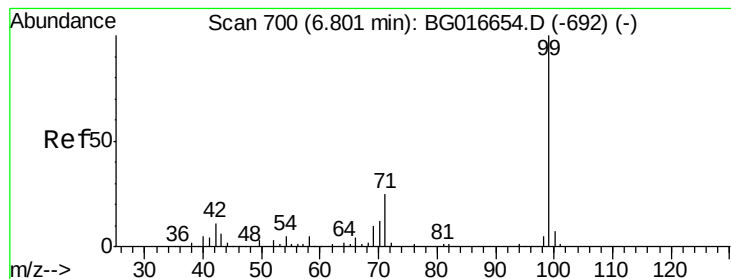


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.84 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

Instrument :

BNA_G

ClientSampled :

MW-24

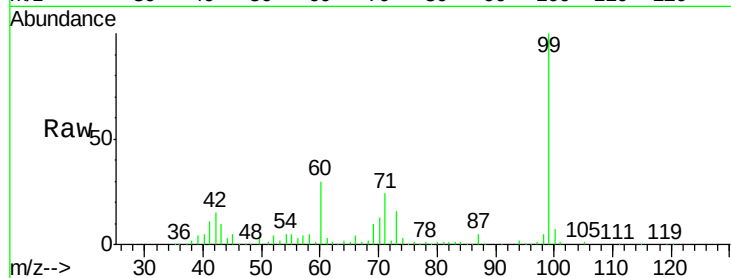
Tgt Ion: 99 Resp: 190022

Ion Ratio Lower Upper

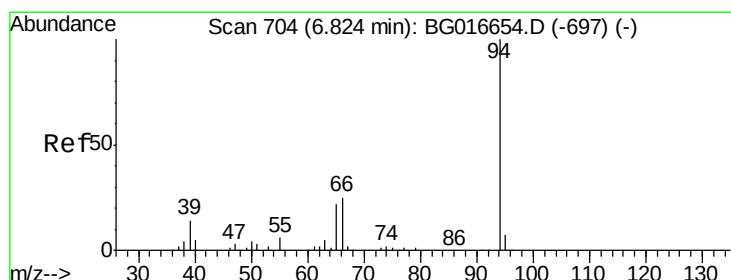
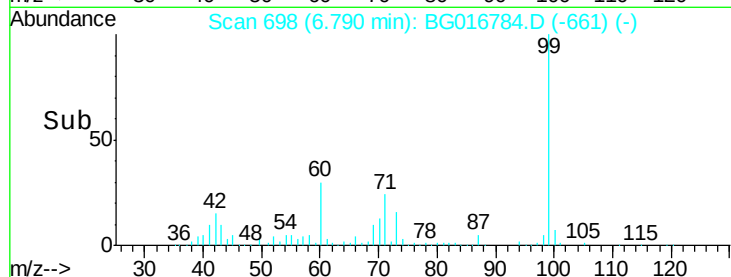
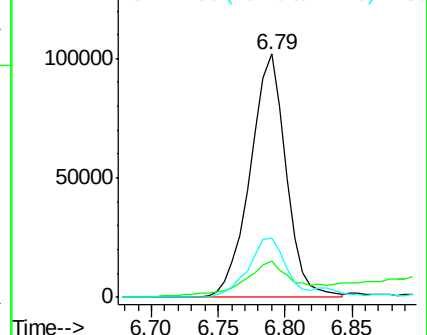
99 100

42 14.7 8.8 13.2#

71 24.1 19.9 29.9



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: 2.40 ng

RT: 6.81 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG016784.D

Acq: 29 Apr 2015 5:02

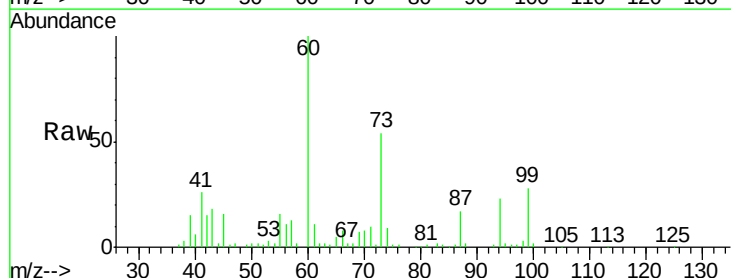
Tgt Ion: 94 Resp: 17285

Ion Ratio Lower Upper

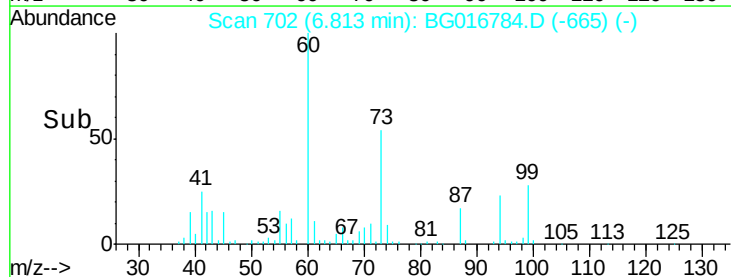
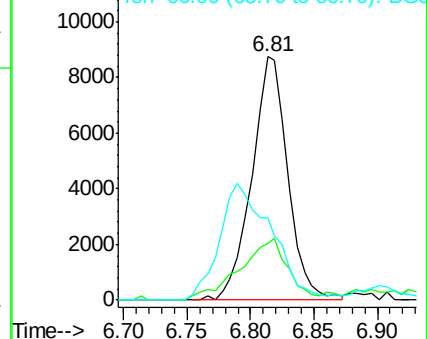
94 100

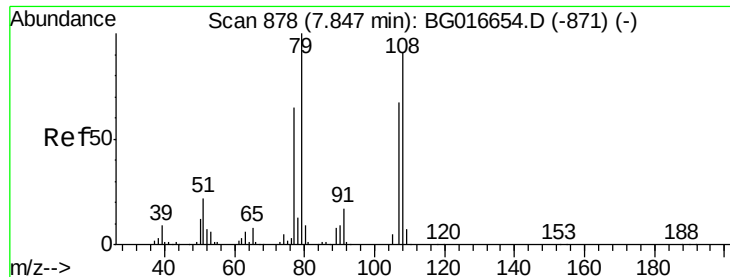
65 23.2 2.6 42.6

66 33.6 7.0 47.0



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

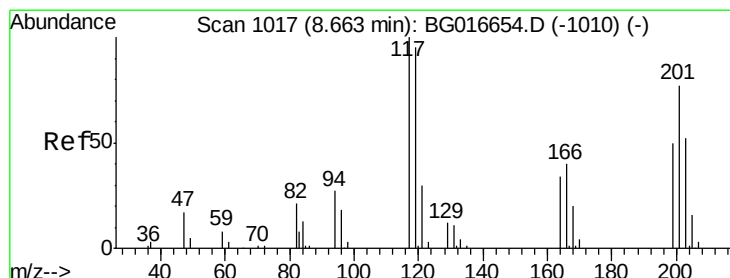
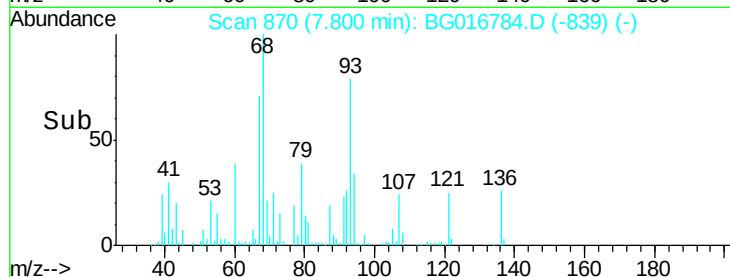
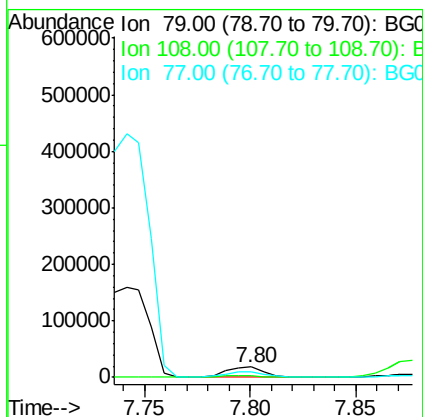
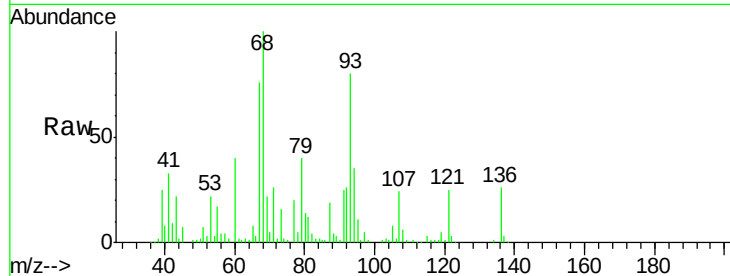




#15
Benzyl Alcohol
Concen: 6.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.02 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

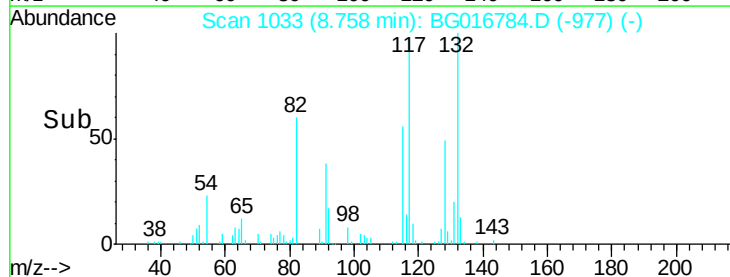
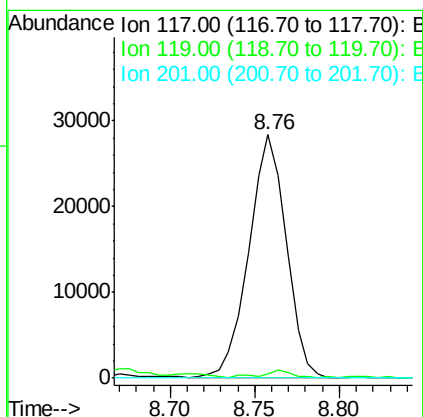
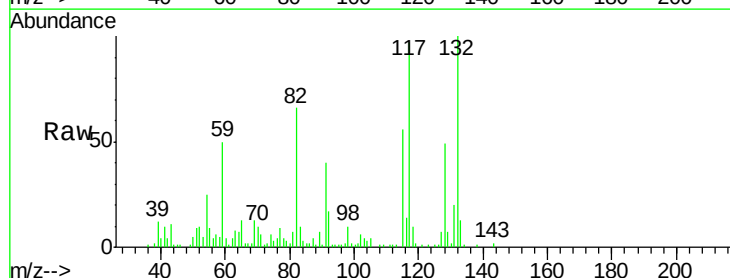
Instrument :
BNA_G
ClientSampleId :
MW-24

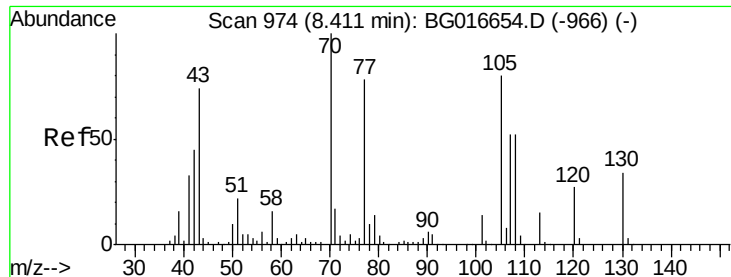
Tgt Ion: 79 Resp: 25704
Ion Ratio Lower Upper
79 100
108 15.2 73.0 109.4#
77 51.4 51.8 77.8#



#18
Hexachloroethane
Concen: 19.53 ng
RT: 8.76 min Scan# 1033
Delta R.T. 0.13 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion: 117 Resp: 43770
Ion Ratio Lower Upper
117 100
119 1.7 76.3 114.5#
201 0.0 61.5 92.3#

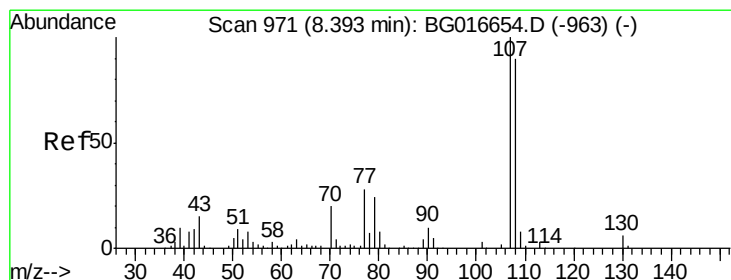
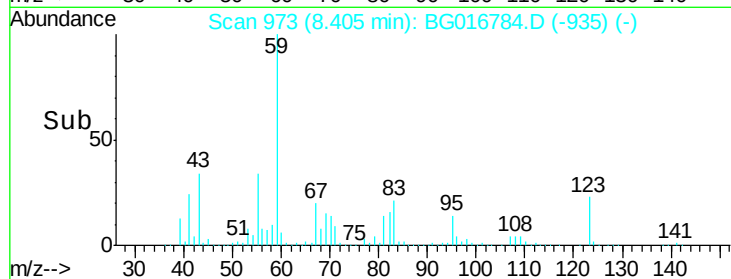
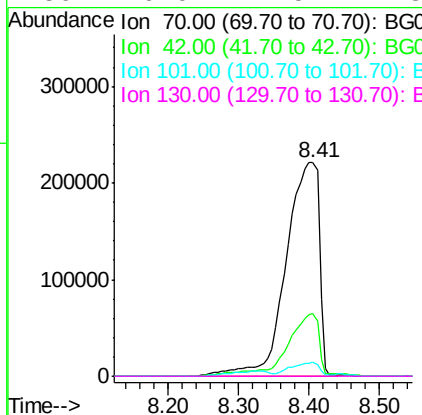
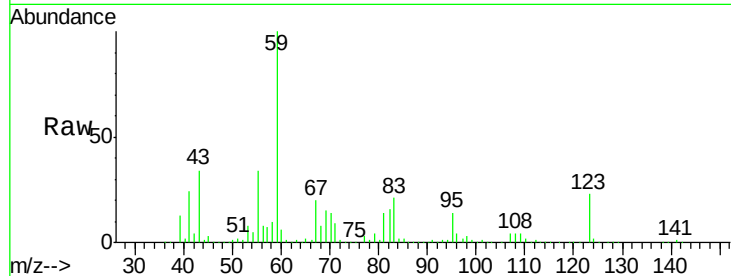




#19
n-Nitroso-di-n-propylamine
Concen: 168.71 ng
RT: 8.41 min Scan# 973
Delta R.T. 0.02 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

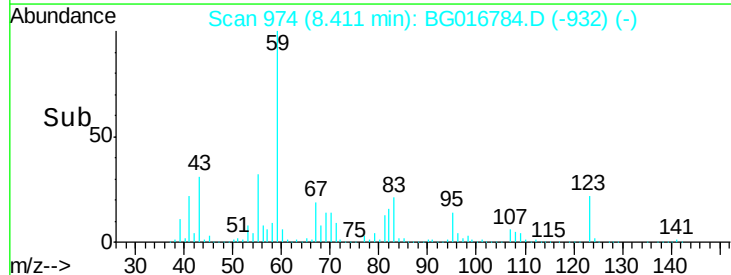
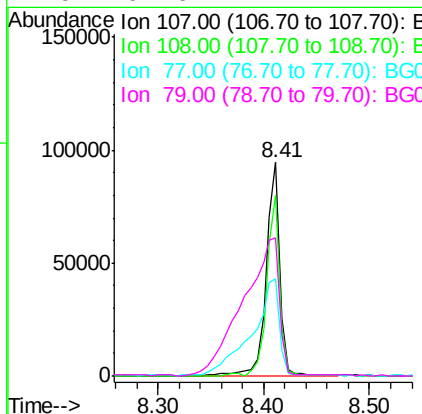
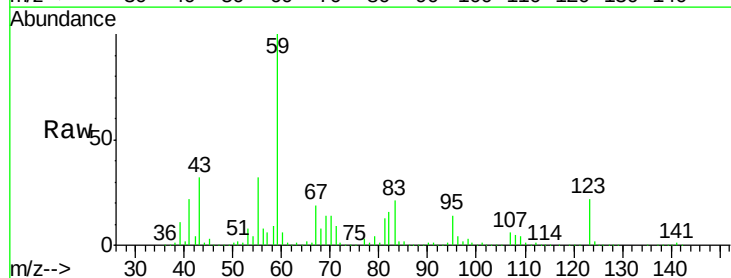
Instrument :
BNA_G
ClientSampleId :
MW-24

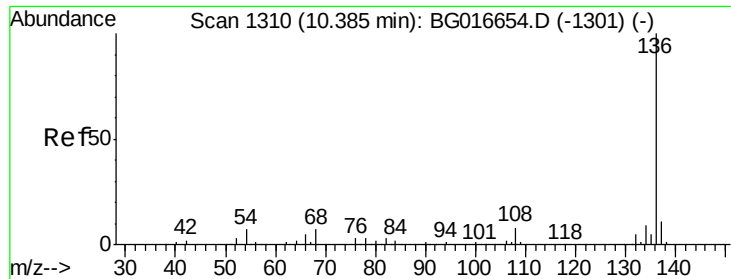
Tgt Ion: 70 Resp: 717748
Ion Ratio Lower Upper
70 100
42 29.2 35.7 53.5#
101 6.4 11.0 16.4#
130 0.0 27.5 41.3#



#20
3+4-Methylphenols
Concen: 12.77 ng
RT: 8.41 min Scan# 974
Delta R.T. 0.05 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion: 107 Resp: 86387
Ion Ratio Lower Upper
107 100
108 84.5 69.5 109.5
77 45.6 8.2 48.2
79 64.6 4.2 44.2#

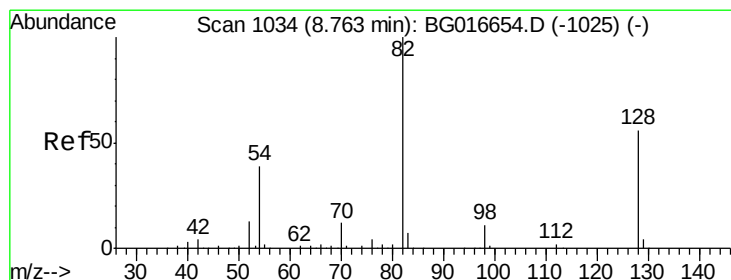
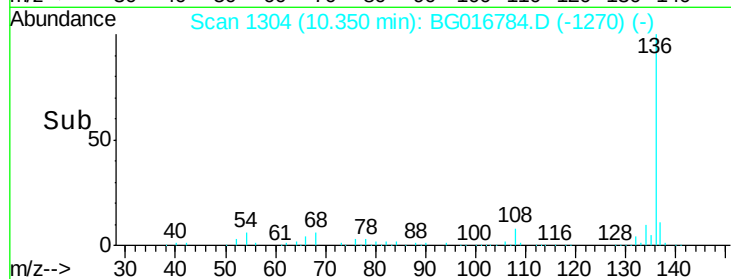
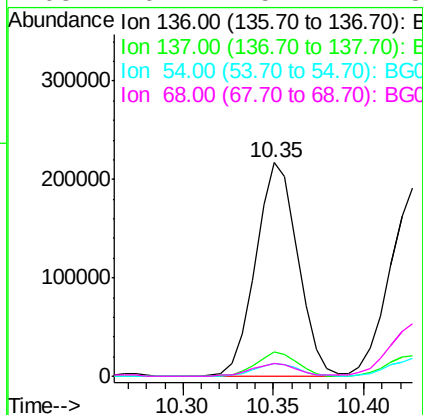
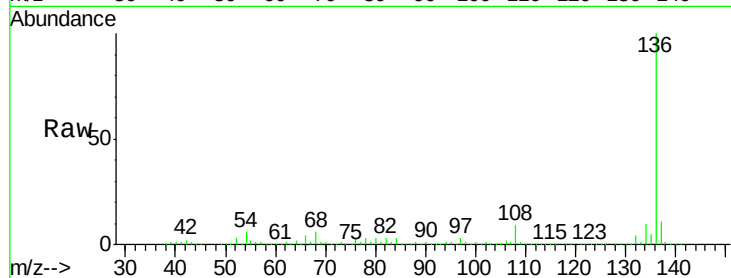




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

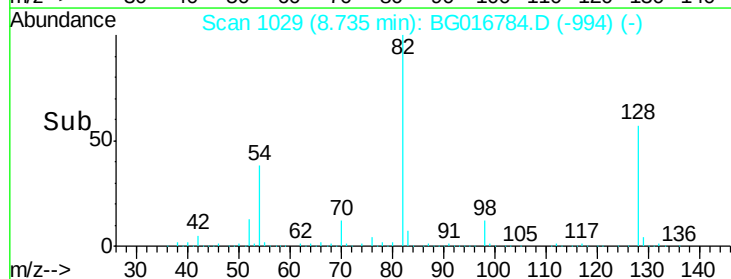
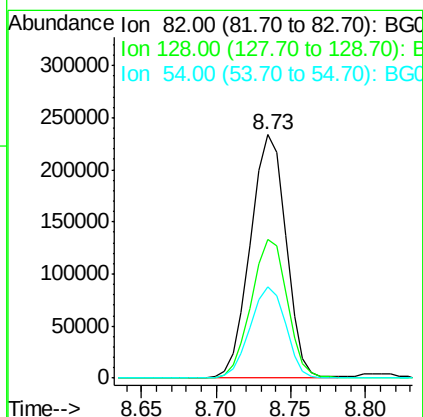
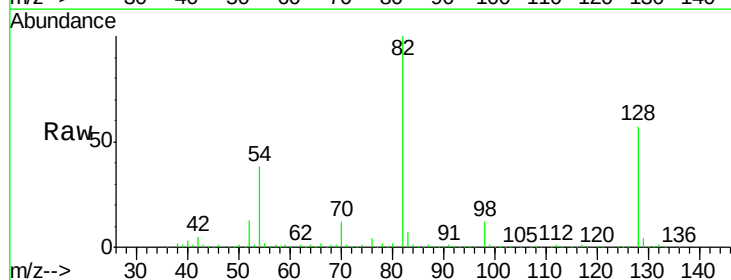
Instrument :
BNA_G
ClientSampleId :
MW-24

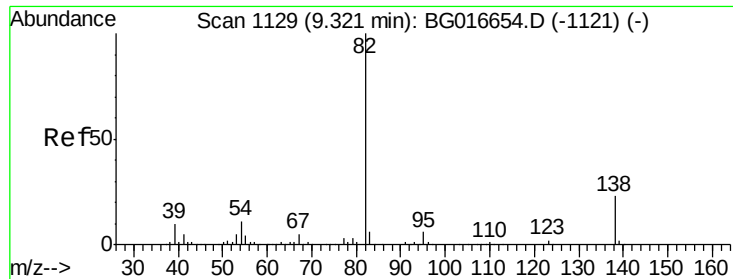
Tgt Ion:	136	Resp:	352303
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.0	5.4	8.2
68	6.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 69.49 ng
RT: 8.73 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion:	82	Resp:	387444
Ion	Ratio	Lower	Upper
82	100		
128	56.7	44.7	67.1
54	37.6	30.9	46.3

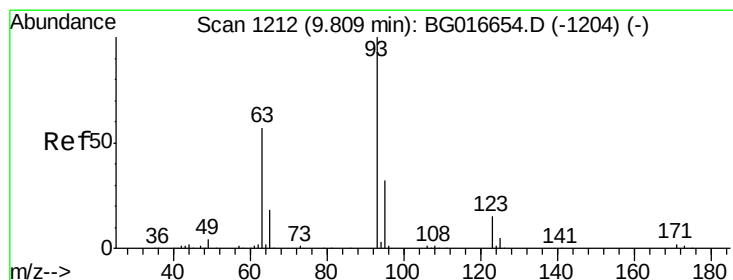
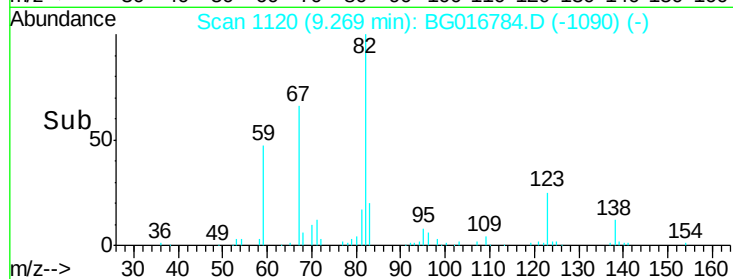
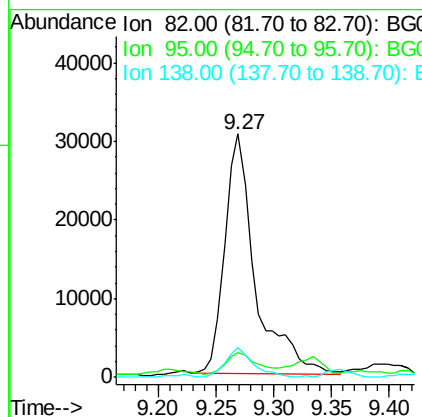
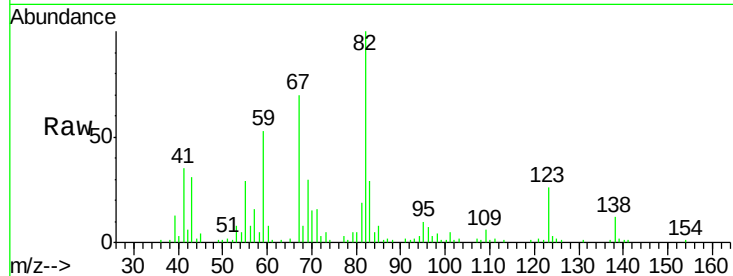




#25
Isophorone
Concen: 4.82 ng
RT: 9.27 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

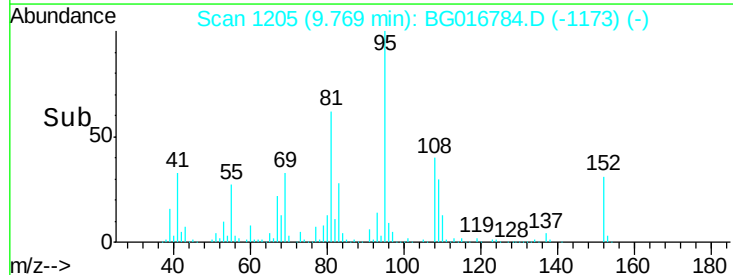
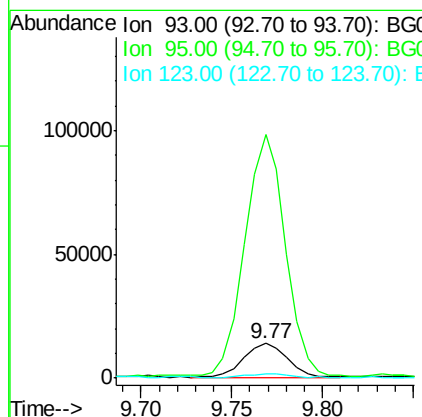
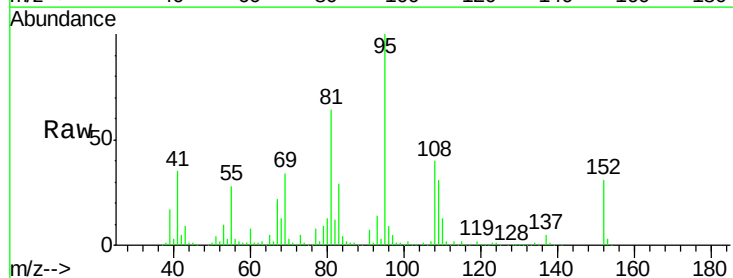
Instrument :
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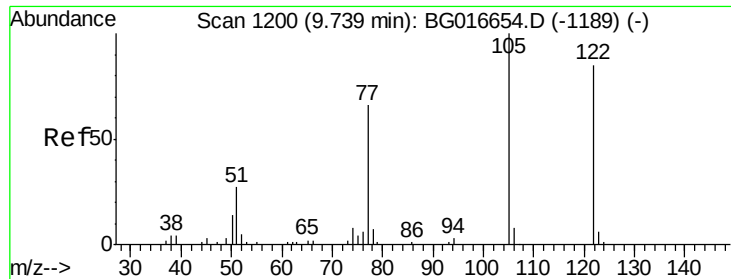
Tgt Ion: 82 Resp: 55748
Ion Ratio Lower Upper
82 100
95 10.1 5.0 7.6#
138 12.1 18.2 27.2#



#28
bis(2-Chloroethoxy)methane
Concen: 3.21 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion: 93 Resp: 22395
Ion Ratio Lower Upper
93 100
95 697.6 25.4 38.2#
123 10.4 12.2 18.4#

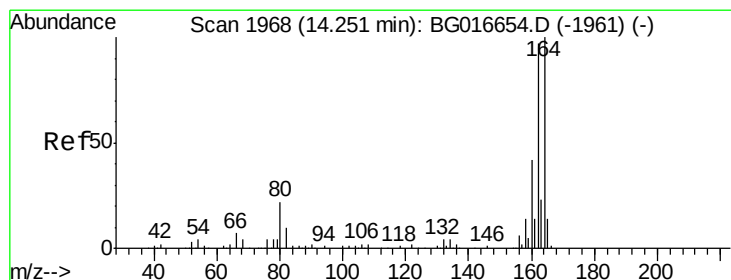
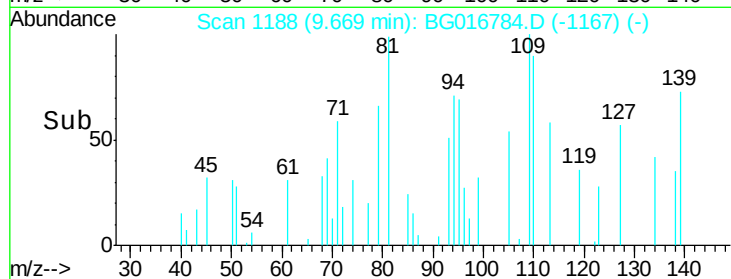
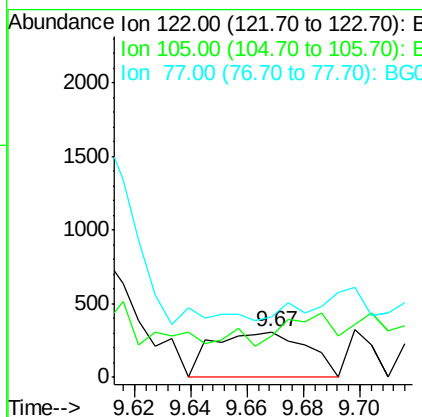
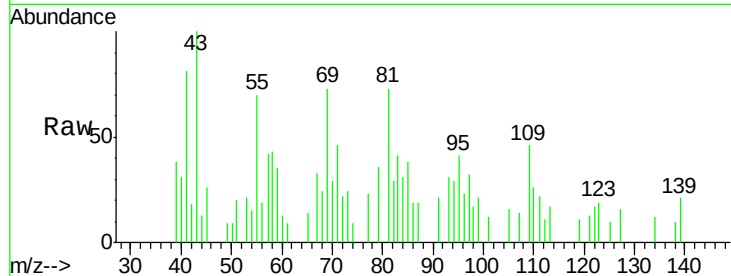




#32
Benzoic acid
Concen: 9.05 ng
RT: 9.67 min Scan# 1188
Delta R.T. -0.08 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

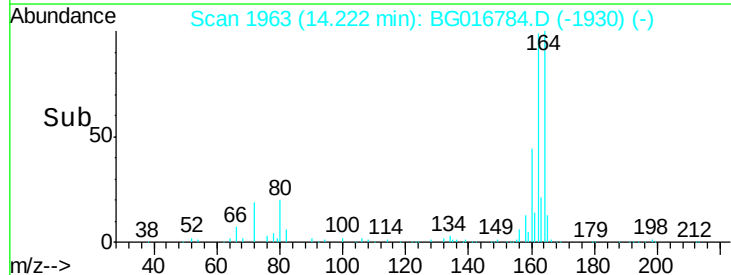
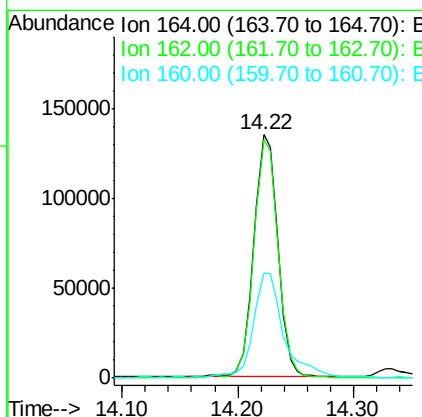
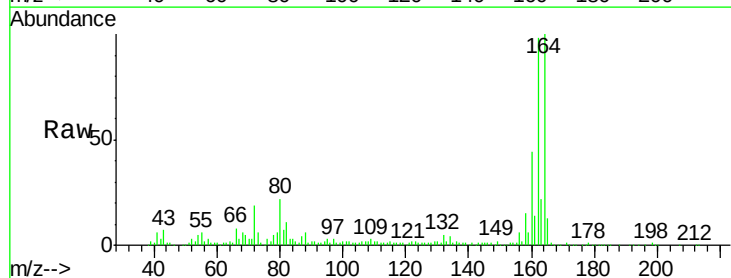
Instrument :
BNA_G
ClientSampled :
MW-24

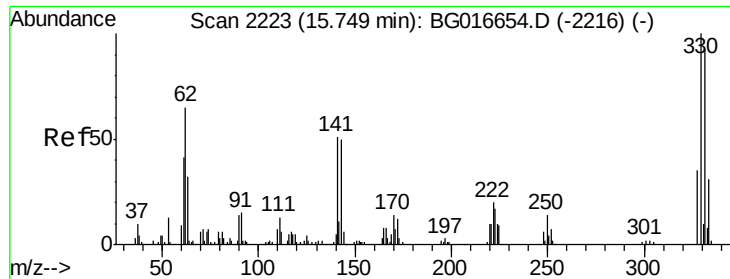
Tgt Ion:122 Resp: 708
Ion Ratio Lower Upper
122 100
105 90.4 97.2 137.2#
77 131.2 58.4 98.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion:164 Resp: 196821
Ion Ratio Lower Upper
164 100
162 98.2 77.3 115.9
160 43.5 33.7 50.5

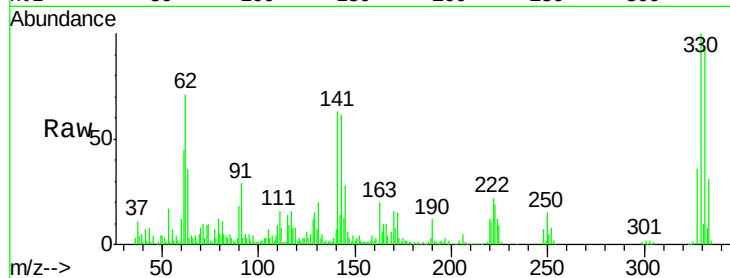




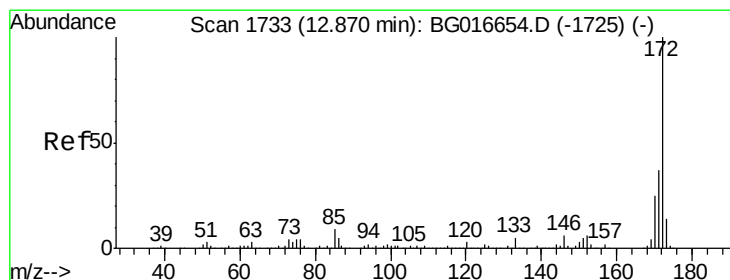
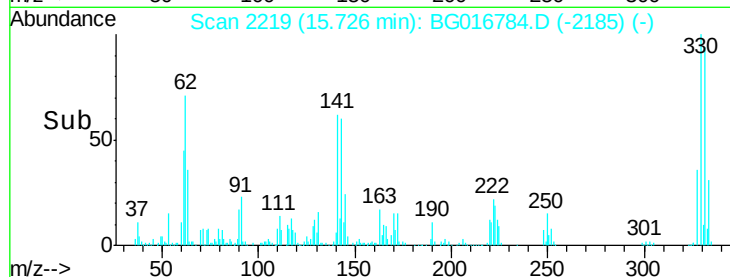
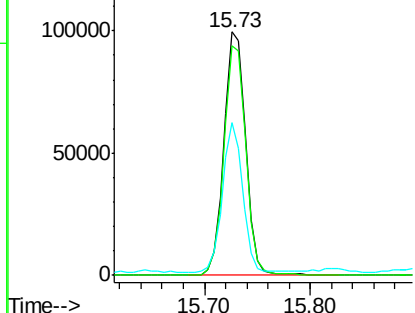
#41
 2,4,6-Tribromophenol
 Concen: 97.31 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Instrument :
 BNA_G
 ClientSampled :
 MW-24

Tgt Ion: 330 Resp: 142084
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 57.7 43.0 64.6

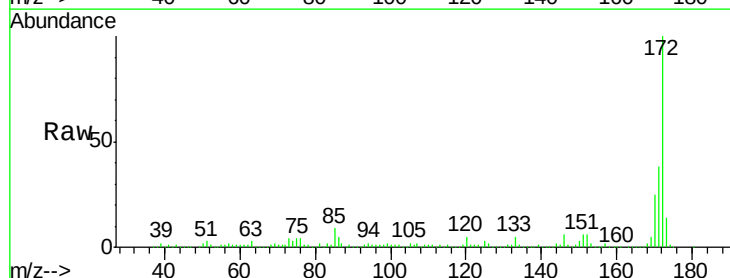


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

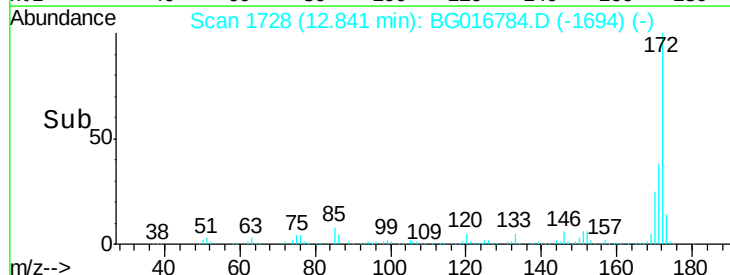
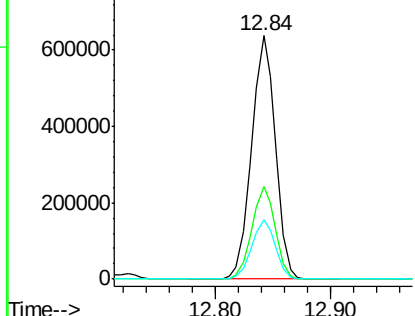


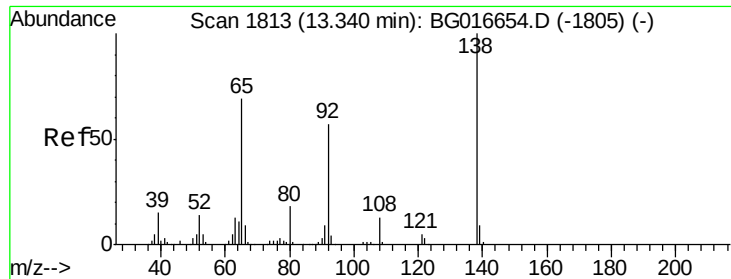
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Tgt Ion: 172 Resp: 914512
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 24.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

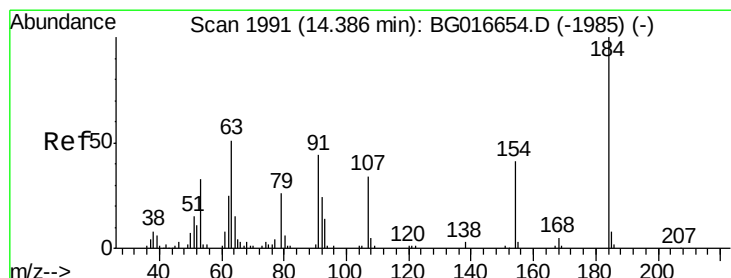
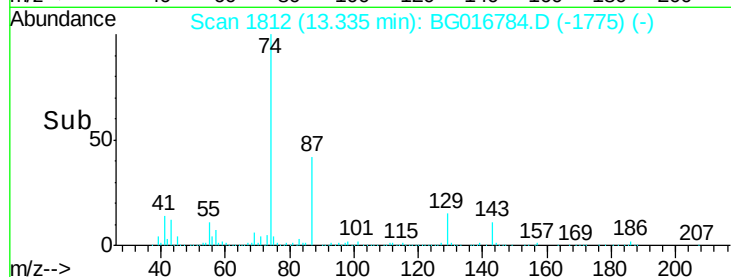
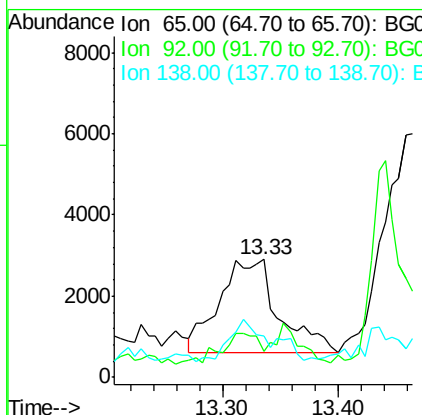
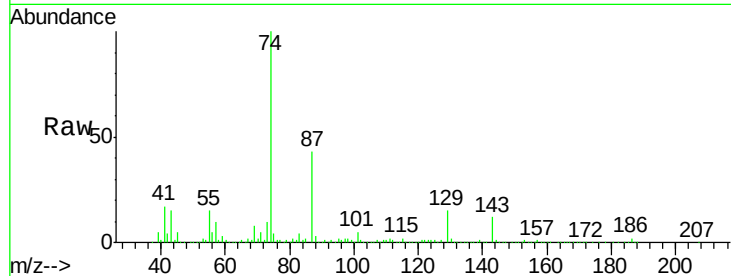




#47
2-Nitroaniline
Concen: 2.53 ng
RT: 13.33 min Scan# 1812
Delta R.T. 0.02 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

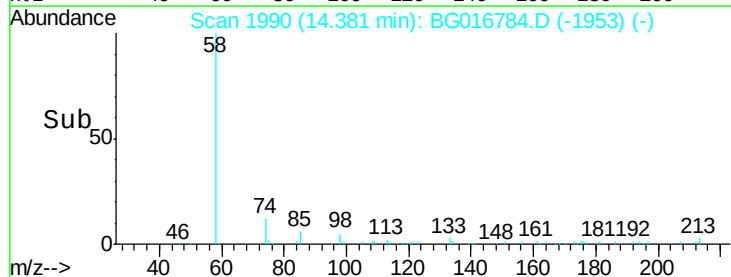
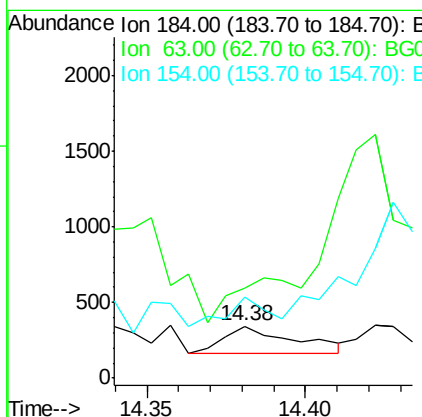
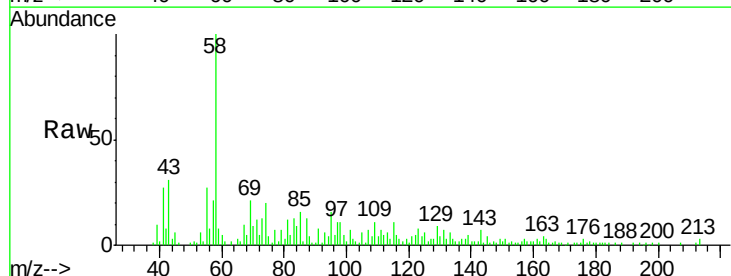
Instrument :
BNA_G
ClientSampleId :
MW-24

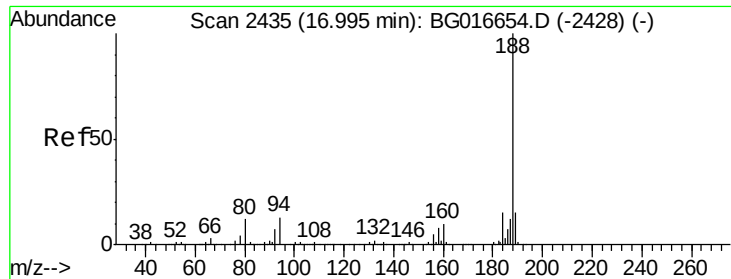
Tgt Ion: 65 Resp: 8192
Ion Ratio Lower Upper
65 100
92 21.8 65.9 98.9#
138 35.6 115.4 173.2#



#53
2,4-Dinitrophenol
Concen: 7.73 ng
RT: 14.38 min Scan# 1990
Delta R.T. 0.02 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion: 184 Resp: 270
Ion Ratio Lower Upper
184 100
63 173.3 40.7 61.1#
154 155.2 34.1 51.1#

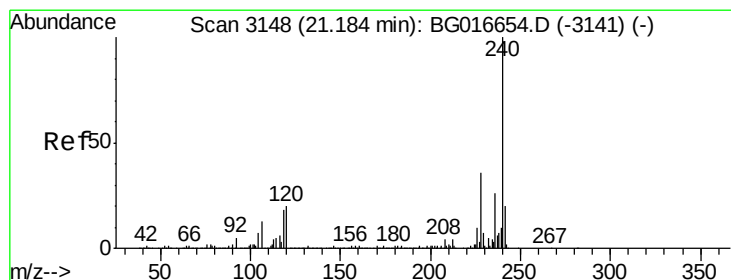
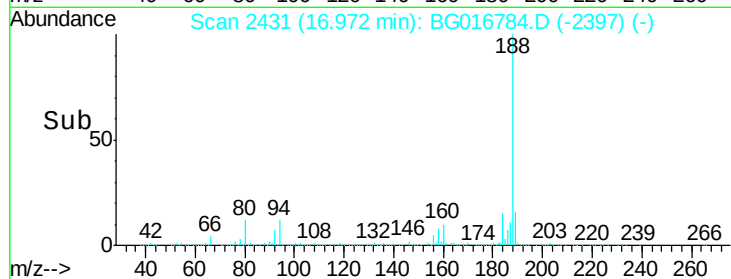
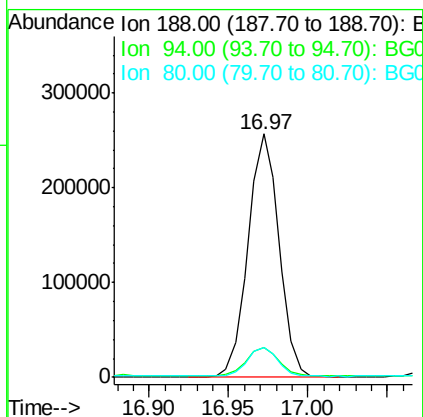
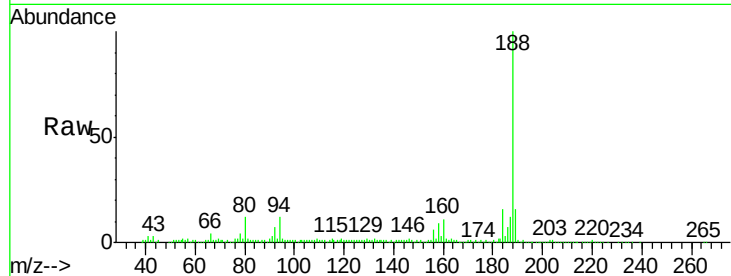




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

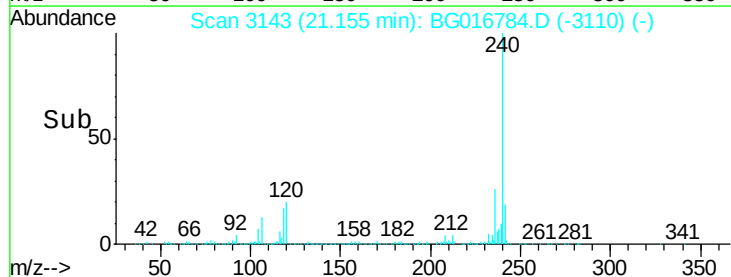
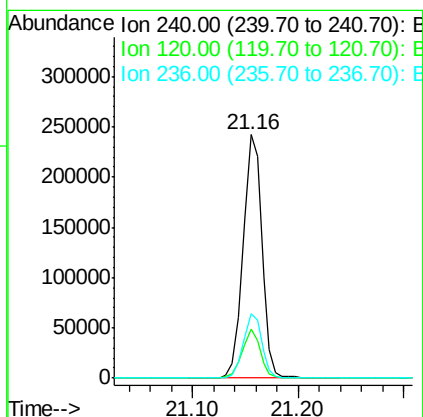
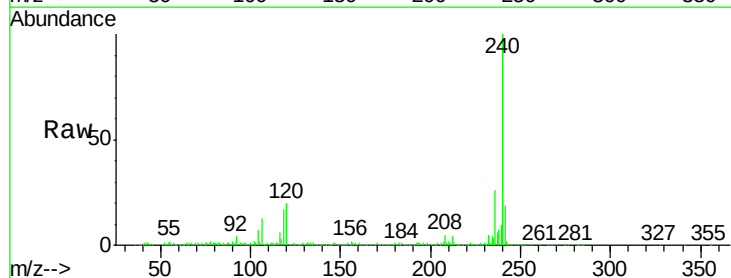
Instrument :
BNA_G
ClientSampleId :
MW-24

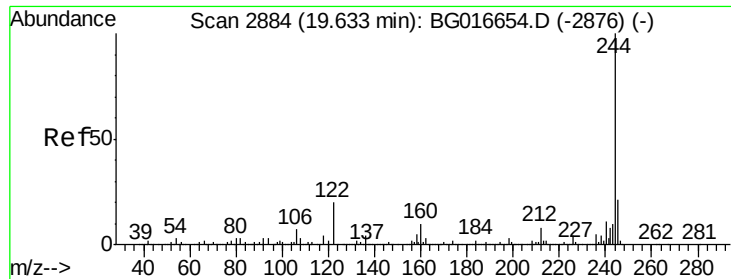
Tgt Ion:188 Resp: 346920
Ion Ratio Lower Upper
188 100
94 12.4 10.7 16.1
80 12.2 9.9 14.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG016784.D
Acq: 29 Apr 2015 5:02

Tgt Ion:240 Resp: 296490
Ion Ratio Lower Upper
240 100
120 20.2 16.3 24.5
236 26.3 21.1 31.7

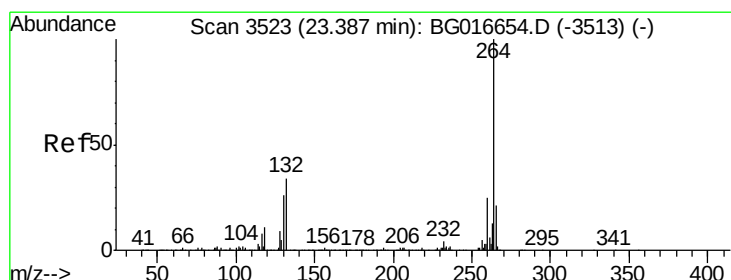
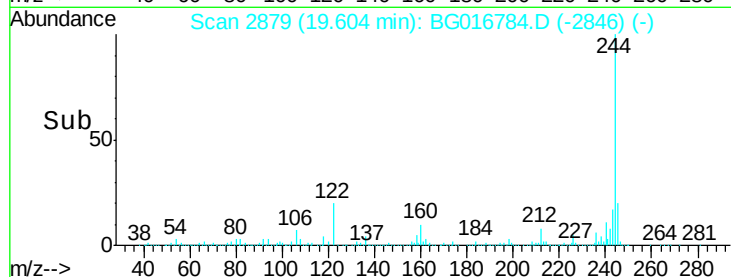
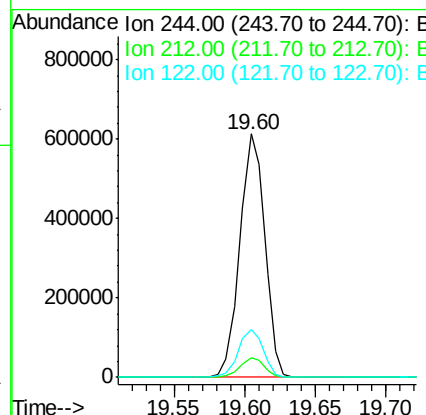
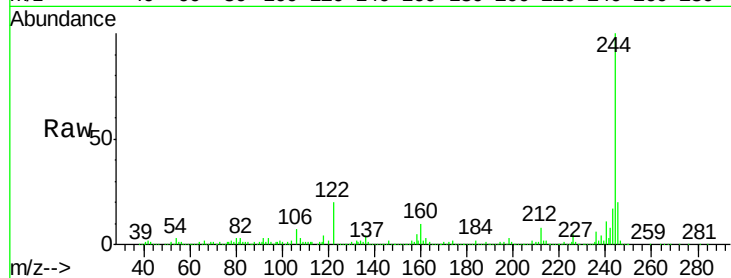




#78
 Terphenyl-d14
 Concen: 58.94 ng
 RT: 19.60 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	19.6	15.9	23.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 3517
 Delta R.T. -0.00 min
 Lab File: BG016784.D
 Acq: 29 Apr 2015 5:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.3	16.8	25.2

