

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013070.D
 Acq On : 21 Nov 2017 07:05
 Operator : SJ/JU
 Sample : I6405-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2W1

Quant Time: Nov 21 07:43:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:39:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	260760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1076594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	599902	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1190045	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1099050	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1062893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32048	5.69	ng/uL	0.00
5) Phenol-d5	6.89	99	161785	7.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	393457	30.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	481481	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	298842	16.15	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	289906	37.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	341794	46.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	564571	30.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	9510	0.49	ng/ul	-0.02
43) Dimethylphthalate-d6	13.77	166	1693835	32.19	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	2109126	31.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	54901	6.88	ng/ul	0.03
57) Fluorene-d10	15.35	176	1415806	31.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	197359	38.25	ng/ul	0.00
70) Anthracene-d10	17.20	188	2062499	33.85	ng/ul	0.00
76) Pyrene-d10	19.49	212	2062260	36.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1898823	35.23	ng/ul	0.00

Target Compounds

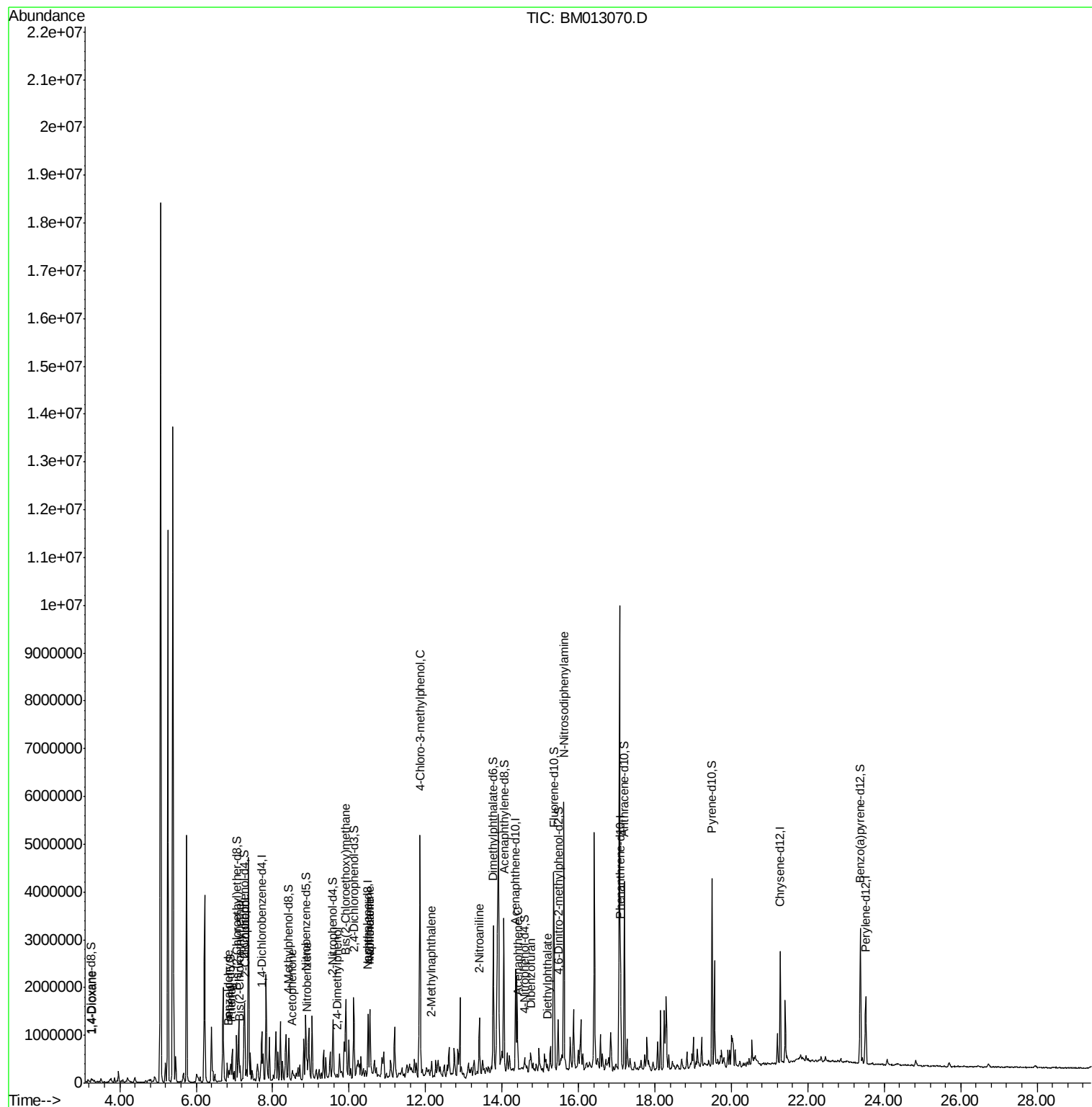
						Ovalue
2) 1,4-Dioxane	3.28	88	27247	4.41	ng/uL#	66
4) Benzaldehyde	6.86	77	19905	1.64	ng/ul#	29
6) Phenol	6.92	94	62116	2.79	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.15	93	99014	5.90	ng/ul	96
10) 2-Chlorophenol	7.28	128	18212	1.02	ng/ul#	69
14) Acetophenone	8.51	105	140749	4.96	ng/ul#	29
20) Nitrobenzene	8.89	77	28638	1.49	ng/ul#	45
24) 2,4-Dimethylphenol	9.68	107	34757	1.66	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	59030	2.62	ng/ul#	1
28) Naphthalene	10.55	128	1071565	19.32	ng/ul	99
30) 4-Chloroaniline	10.55	127	142879	7.69	ng/ul#	23
33) 4-Chloro-3-methylphenol	11.86	107	1146020	62.50	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	130838	3.22	ng/ul	90
42) 2-Nitroaniline	13.40	65	51216	6.02	ng/ul#	14
49) Acenaphthene	14.42	153	72183	1.74	ng/ul	96
53) Dibenzofuran	14.75	168	59644	1.00	ng/ul#	85
56) Diethylphthalate	15.19	149	60010	1.18	ng/ul#	89
64) N-Nitrosodiphenylamine	15.62	169	1982000	53.05	ng/ul	99

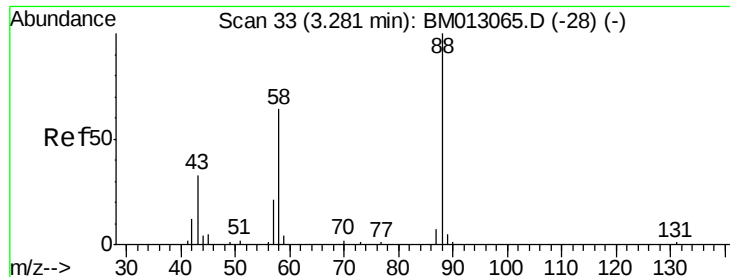
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.41 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

Instrument :

BNA_M

ClientSampled :

BE2W1

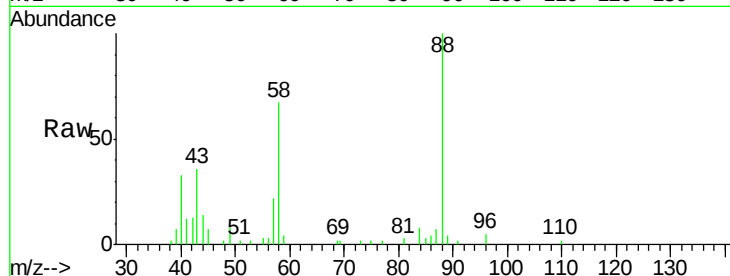
Tot Ion: 88 Resp: 27247

Ion Ratio Lower Upper

88 100

43 34.2 48.0 72.0#

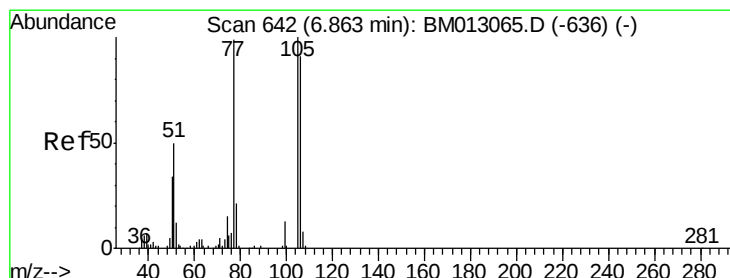
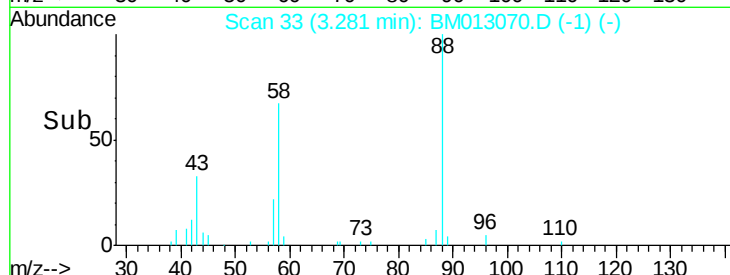
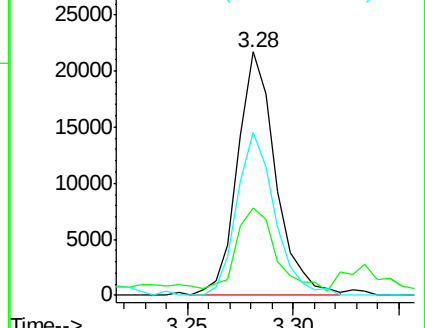
58 66.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013065.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013065.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013065.D (-28) (-)



#4

Benzaldehyde

Concen: 1.64 ng/uL

RT: 6.86 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

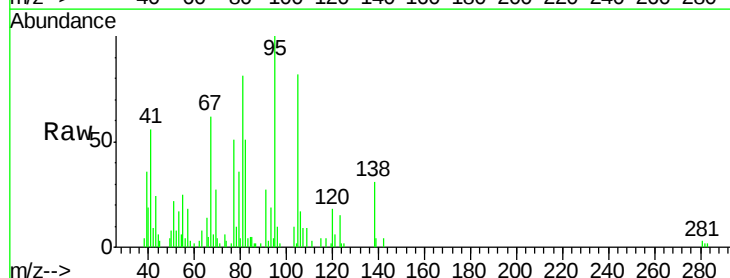
Tgt Ion: 77 Resp: 19905

Ion Ratio Lower Upper

77 100

105 159.9 66.1 99.1#

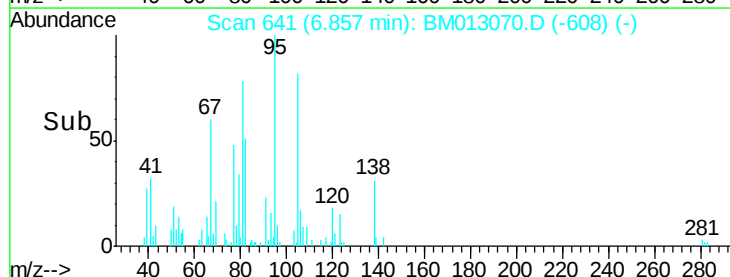
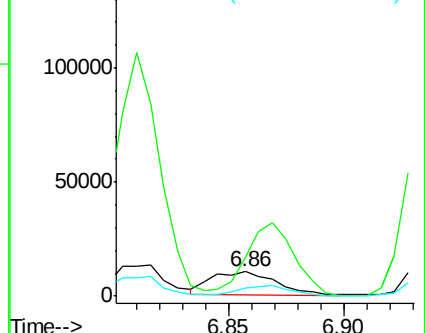
106 32.9 67.8 101.6#

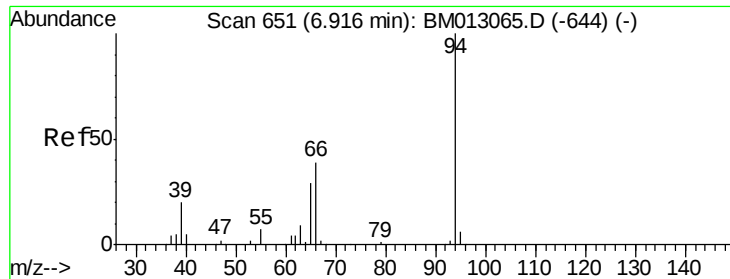


Abundance Ion 77.00 (76.70 to 77.70): BM013065.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013065.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013065.D (-636) (-)





#6

Phenol

Concen: 2.79 ng/ul

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

Instrument :

BNA_M

ClientSampled :

BE2W1

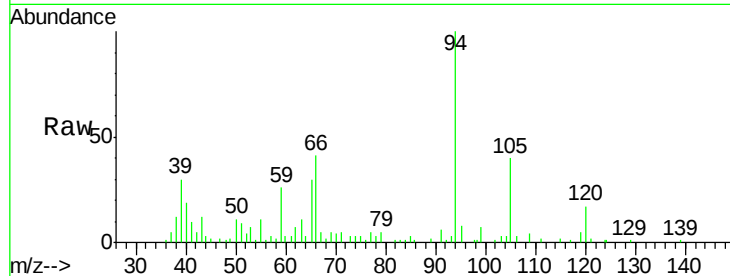
Tot Ion: 94 Resp: 62116

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

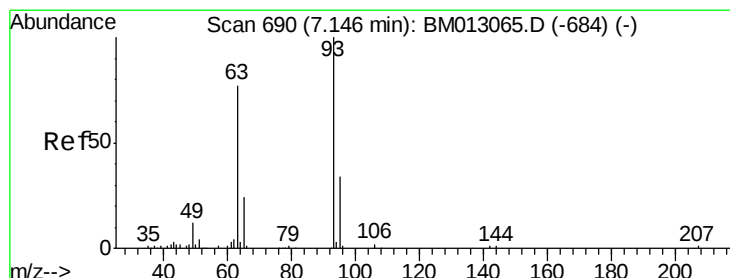
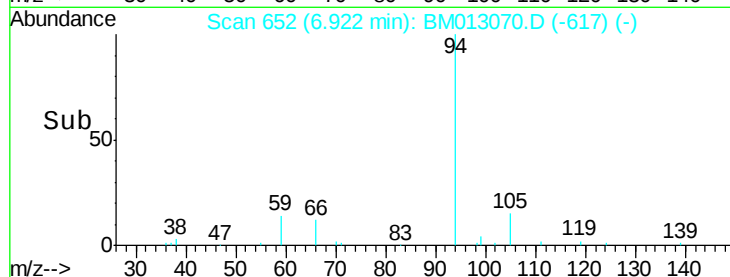
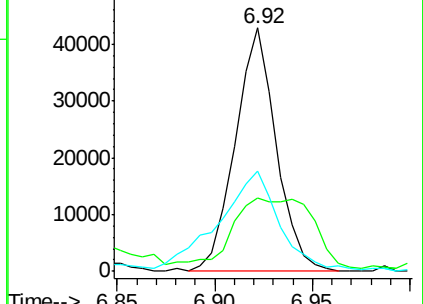
66 41.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013065.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013065.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013065.D (-644) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 5.90 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

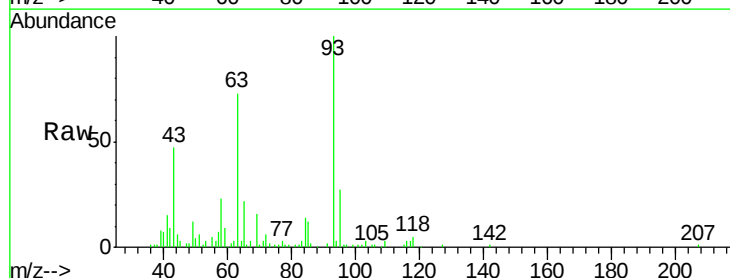
Tgt Ion: 93 Resp: 99014

Ion Ratio Lower Upper

93 100

63 72.6 57.3 85.9

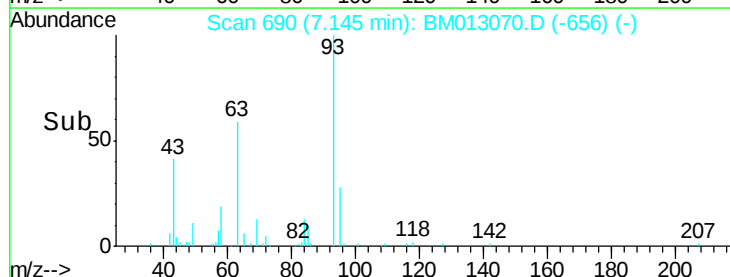
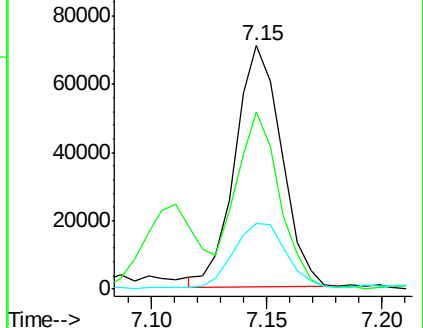
95 27.2 26.6 39.8

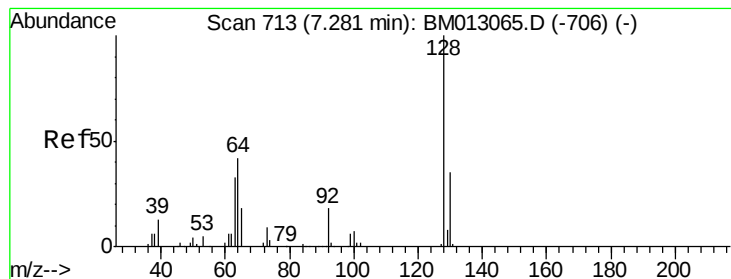


Abundance Ion 93.00 (92.70 to 93.70): BM013065.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013065.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013065.D (-684) (-)





#10

2-Chlorophenol

Concen: 1.02 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

Instrument :

BNA_M

ClientSampleId :

BE2W1

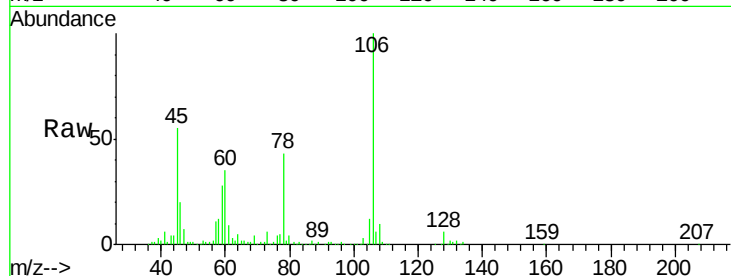
Tot Ion:128 Resp: 18212

Ion Ratio Lower Upper

128 100

64 79.7 38.0 57.0#

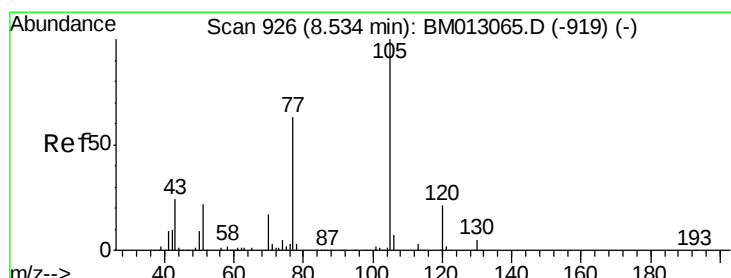
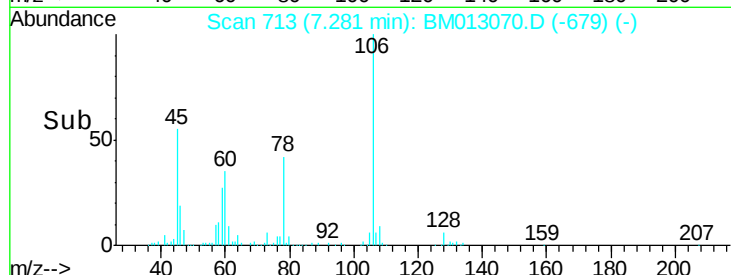
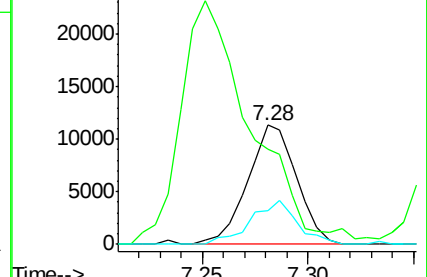
130 27.9 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#14

Acetophenone

Concen: 4.96 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

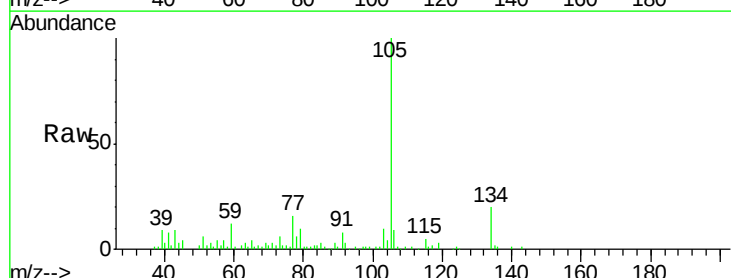
Tgt Ion:105 Resp: 140749

Ion Ratio Lower Upper

105 100

77 16.3 74.2 111.4#

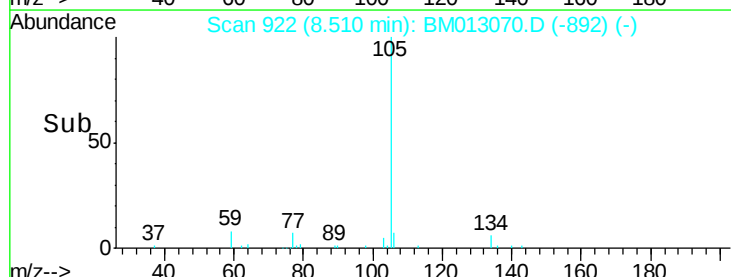
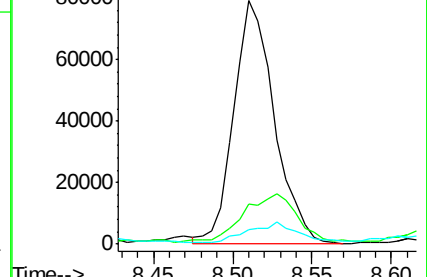
51 6.0 23.4 35.2#

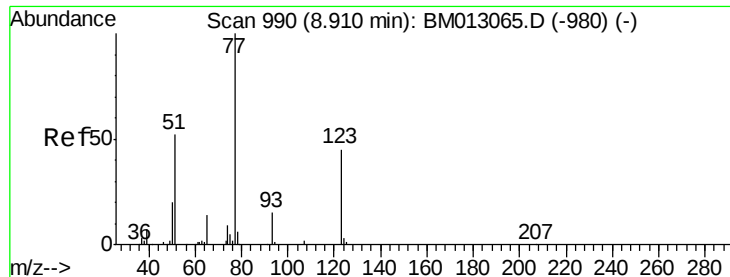


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0





#20

Nitrobenzene

Concen: 1.49 ng/ul

RT: 8.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

Instrument :

BNA_M

ClientSampled :

BE2W1

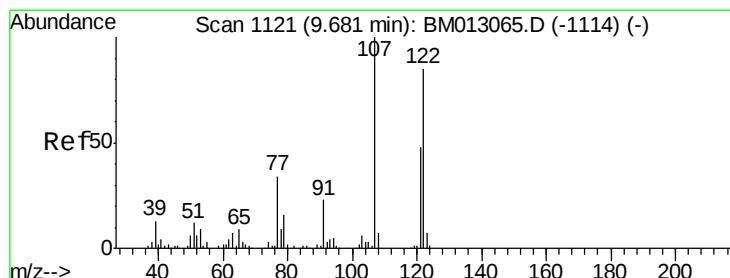
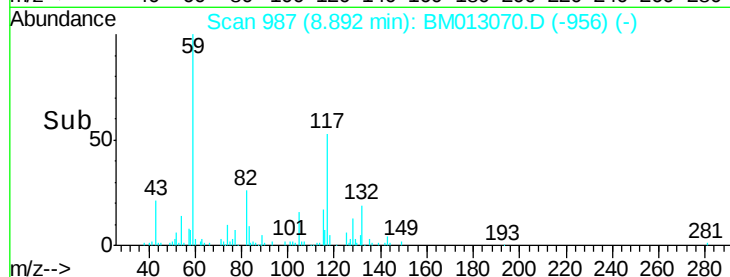
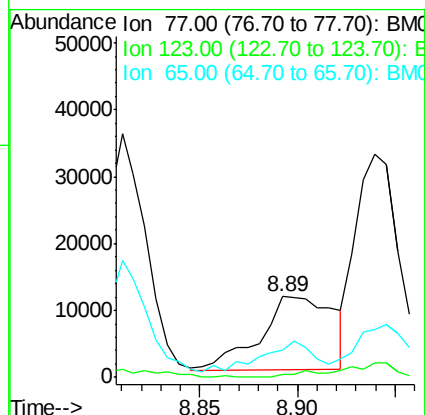
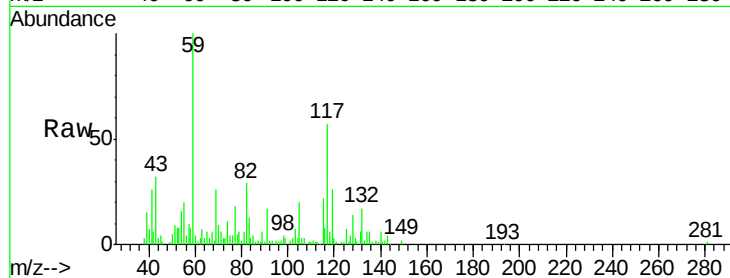
Tot Ion: 77 Resp: 28638

Ion Ratio Lower Upper

77 100

123 3.5 31.0 46.6#

65 34.4 12.2 18.2#



#24

2,4-Dimethylphenol

Concen: 1.66 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

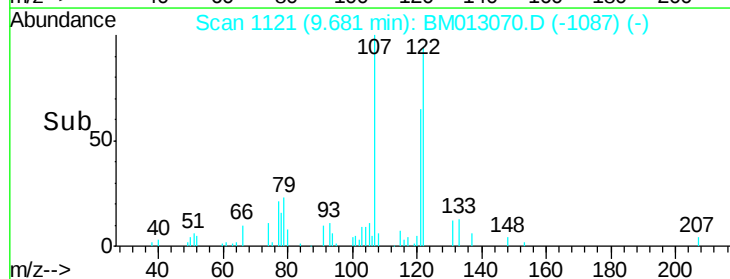
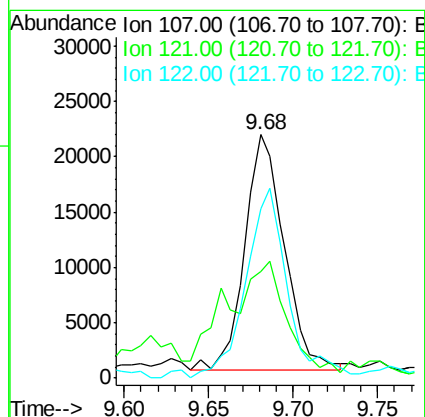
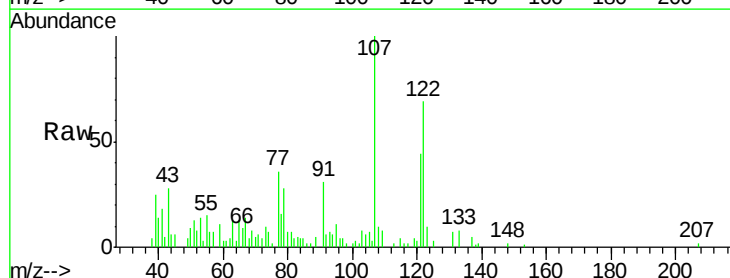
Tgt Ion: 107 Resp: 34757

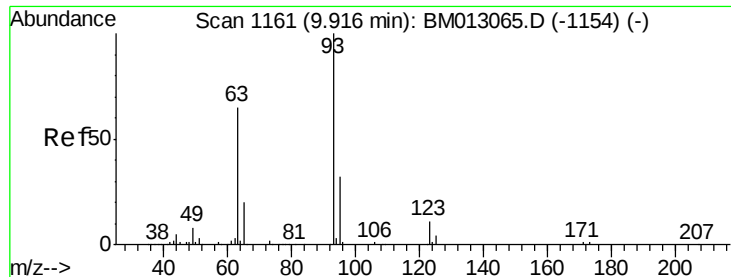
Ion Ratio Lower Upper

107 100

121 43.9 31.9 47.9

122 69.4 57.8 86.6

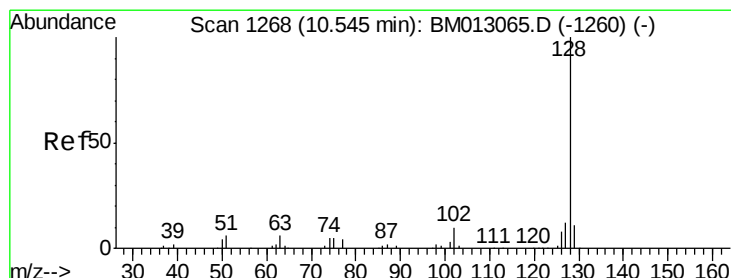
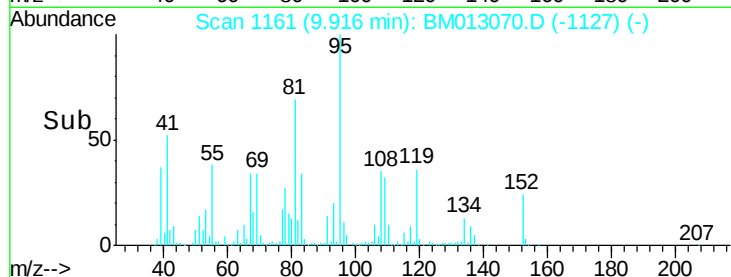
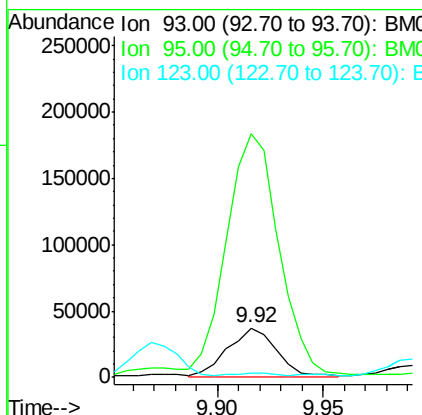
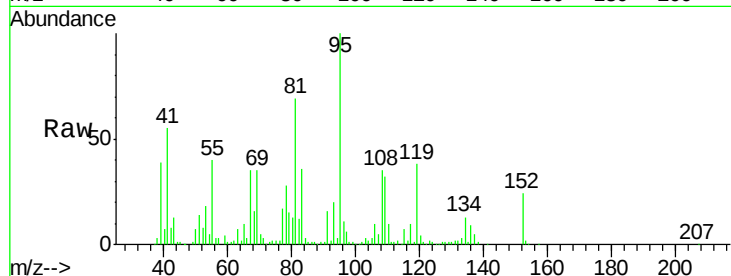




#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.62 ng/ul
 RT: 9.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM013070.D
 Acq: 21 Nov 2017 07:05

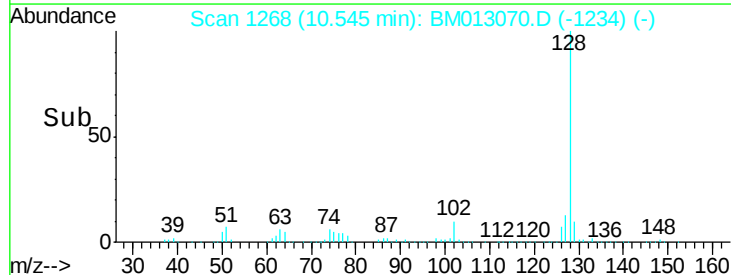
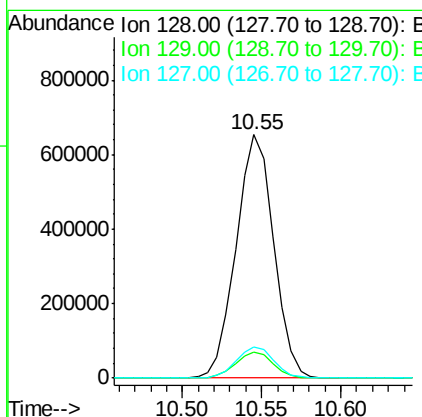
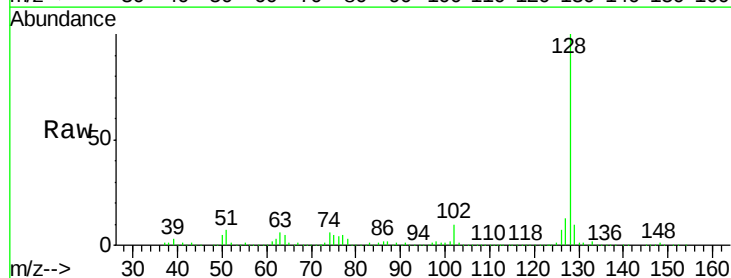
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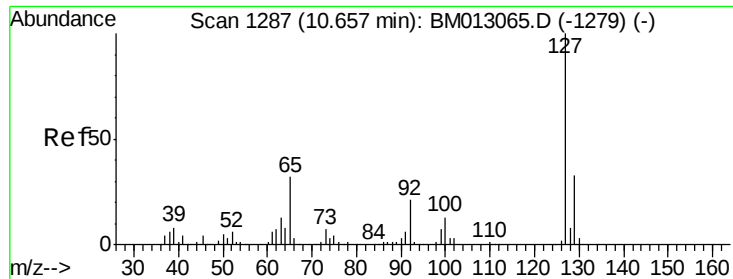
Tot Ion: 93 Resp: 59030
 Ion Ratio Lower Upper
 93 100
 95 495.3 28.5 42.7#
 123 9.5 8.9 13.3



#28
 Naphthalene
 Concen: 19.32 ng/ul
 RT: 10.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BM013070.D
 Acq: 21 Nov 2017 07:05

Tgt Ion: 128 Resp: 1071565
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.8 13.2
 127 13.0 10.6 16.0

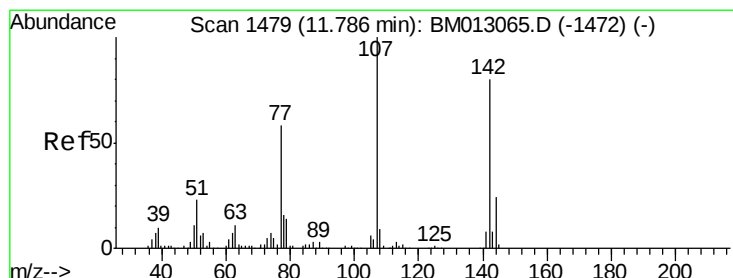
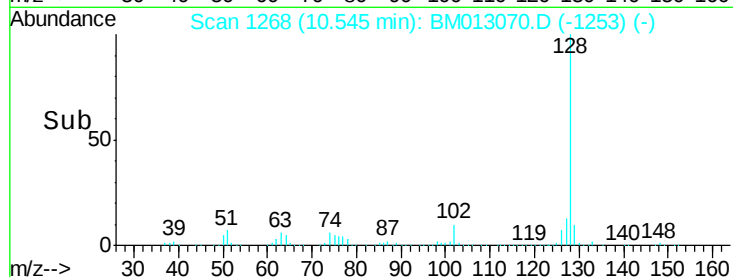
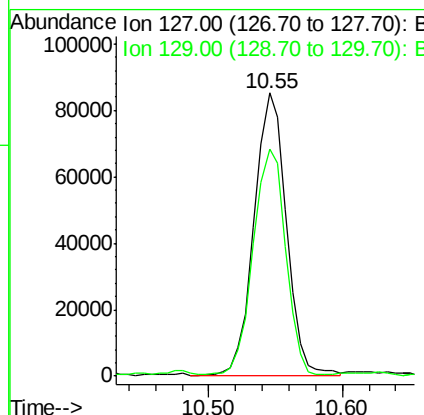
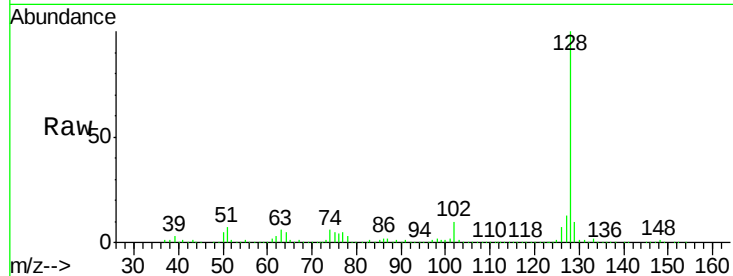




#30
4-Chloroaniline
Concen: 7.69 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

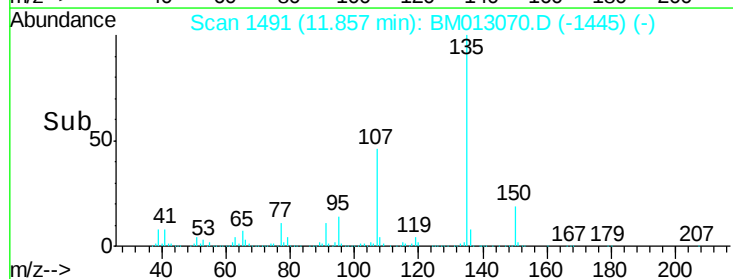
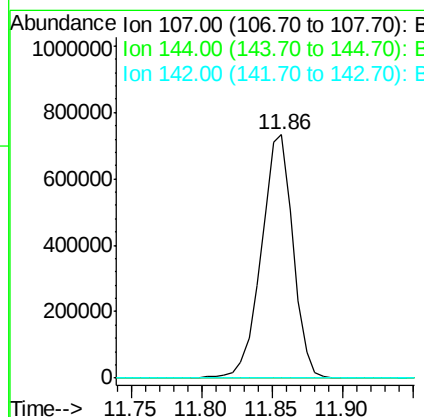
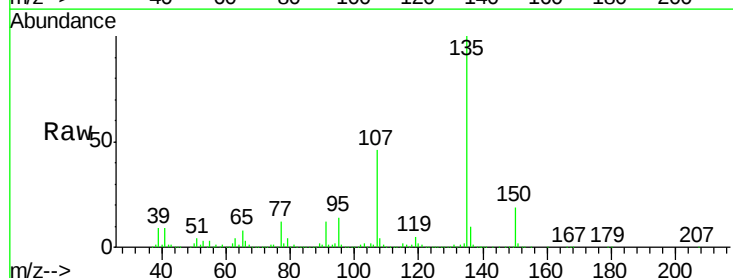
Instrument :
BNA_M
ClientSampleID :
BE2W1

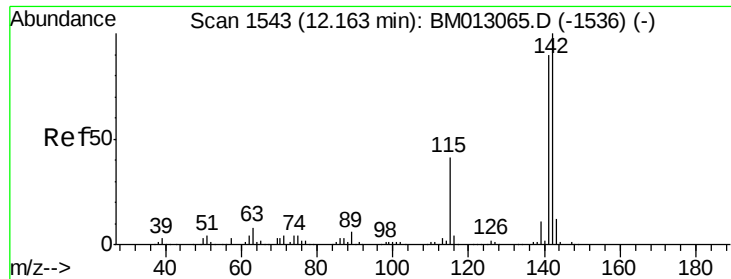
Tot Ion:127 Resp: 142879
Ion Ratio Lower Upper
127 100
129 80.3 28.4 42.6#



#33
4-Chloro-3-methylphenol
Concen: 62.50 ng/ul
RT: 11.86 min Scan# 1491
Delta R.T. 0.07 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion:107 Resp: 1146020
Ion Ratio Lower Upper
107 100
144 0.0 20.4 30.6#
142 0.0 60.5 90.7#

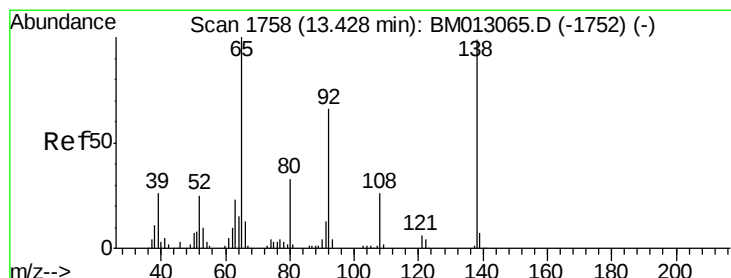
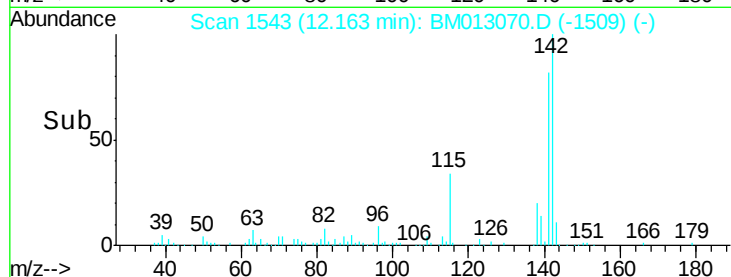
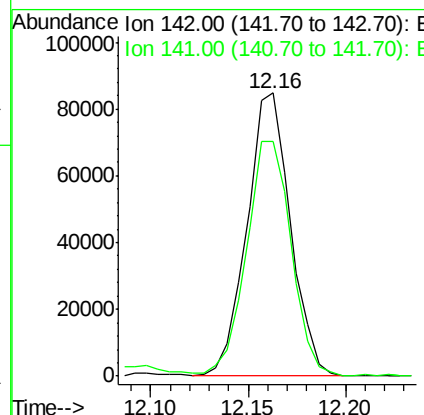
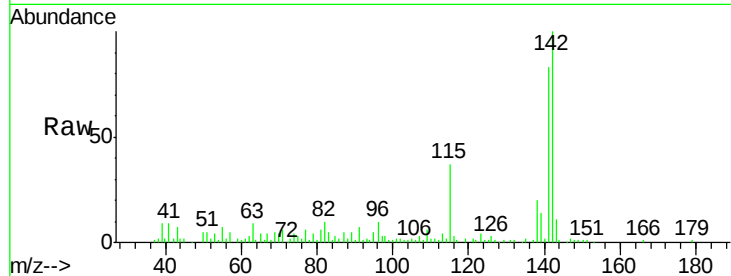




#34
2-Methylnaphthalene
Concen: 3.22 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

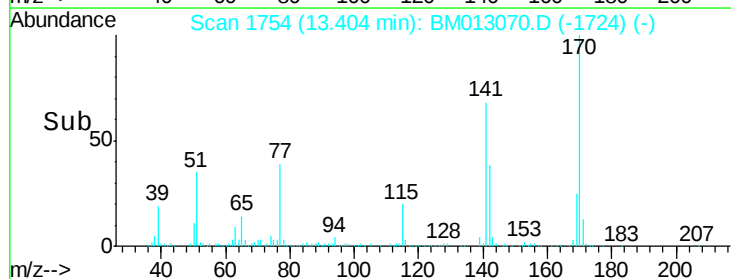
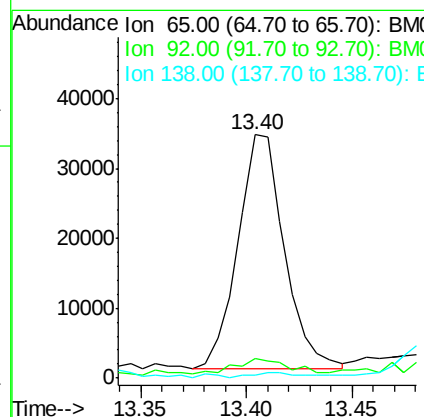
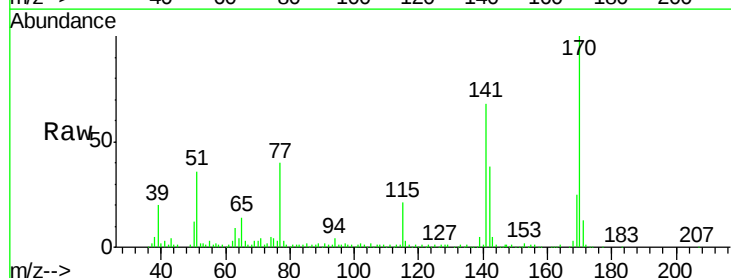
Instrument :
BNA_M
ClientSampled :
BE2W1

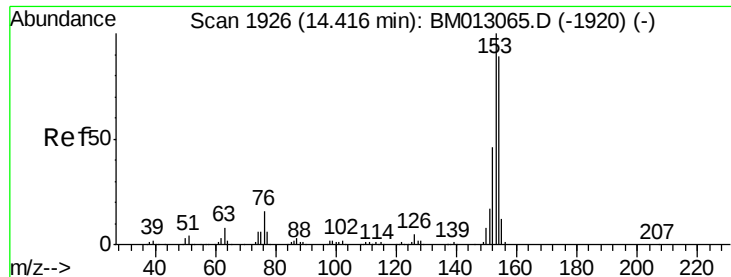
Tot Ion:142 Resp: 130838
Ion Ratio Lower Upper
142 100
141 82.7 74.1 111.1



#42
2-Nitroaniline
Concen: 6.02 ng/ul
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion: 65 Resp: 51216
Ion Ratio Lower Upper
65 100
92 7.9 51.8 77.6#
138 1.2 74.2 111.4#





#49

Acenaphthene

Concen: 1.74 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM013070.D

Acq: 21 Nov 2017 07:05

Instrument :

BNA_M

ClientSampleId :

BE2W1

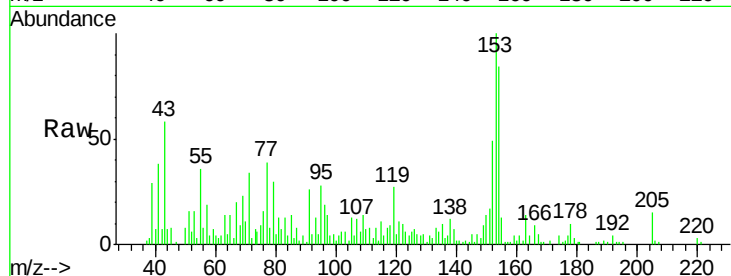
Tot Ion:153 Resp: 72183

Ion Ratio Lower Upper

153 100

152 49.2 37.6 56.4

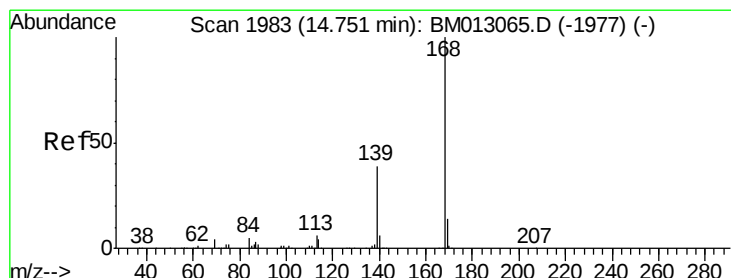
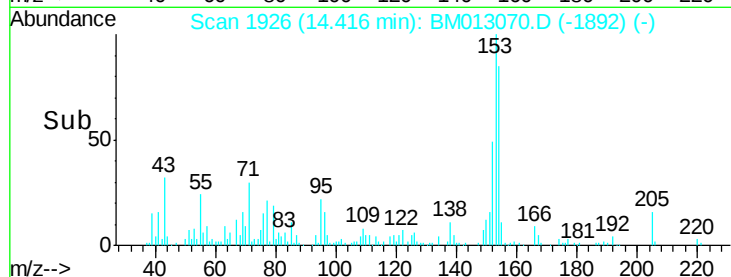
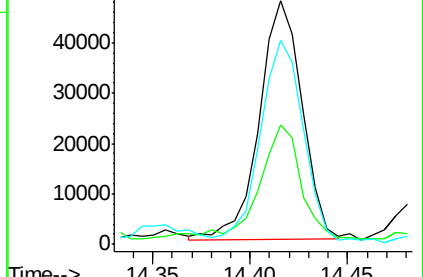
154 83.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.00 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM013070.D

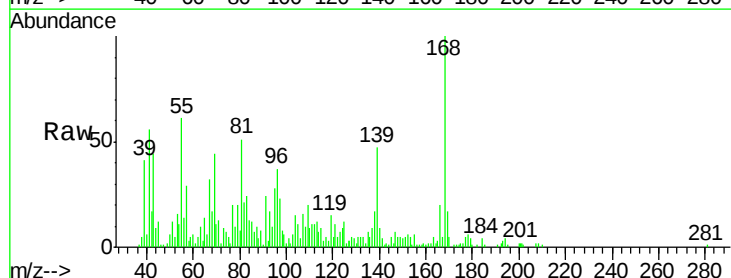
Acq: 21 Nov 2017 07:05

Tgt Ion:168 Resp: 59644

Ion Ratio Lower Upper

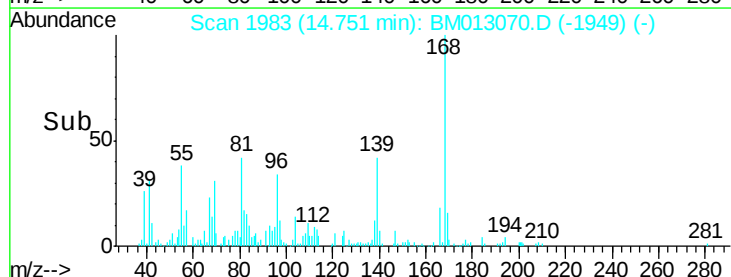
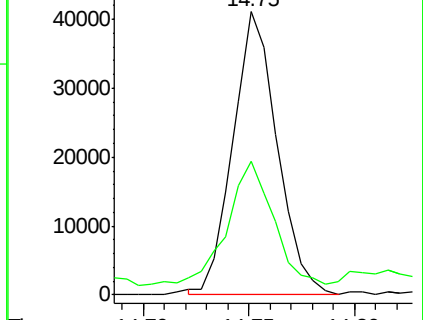
168 100

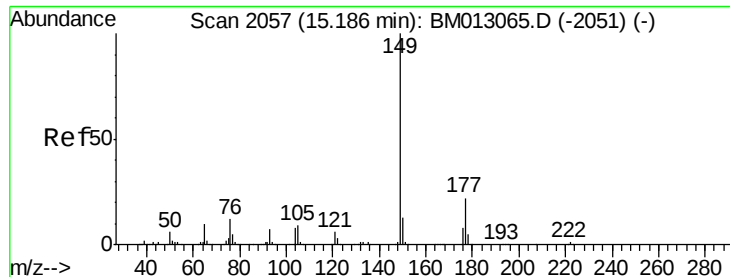
139 47.4 30.8 46.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

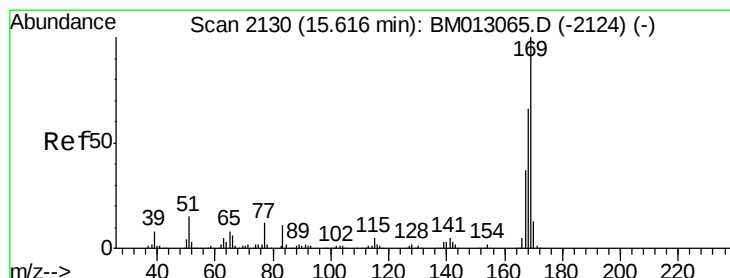
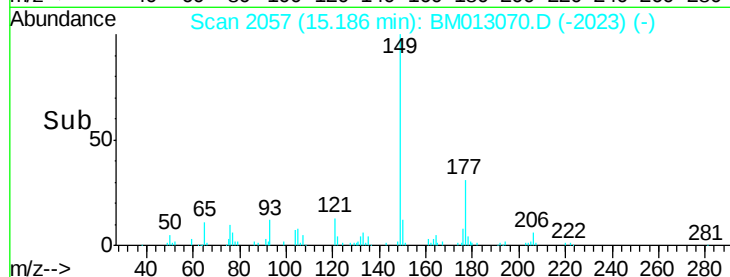
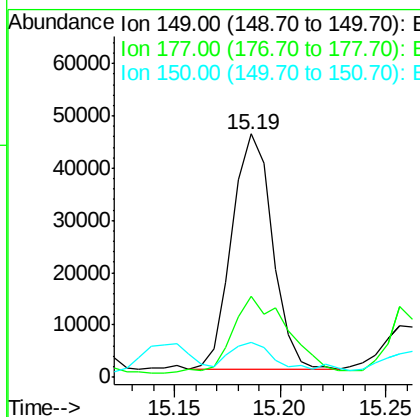
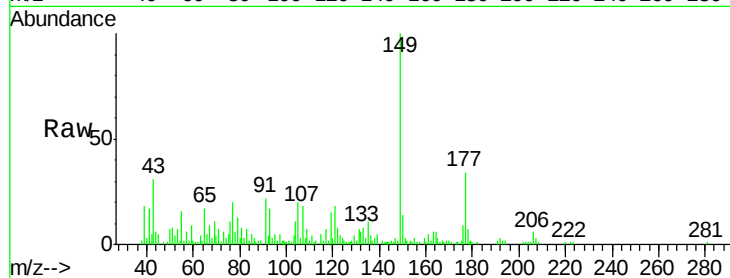




#56
Diethylphthalate
Concen: 1.18 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Instrument :
BNA_M
ClientSampleId :
BE2W1

Tot Ion:149 Resp: 60010
Ion Ratio Lower Upper
149 100
177 33.5 20.5 30.7#
150 14.5 10.6 15.8



#64
N-Nitrosodiphenylamine
Concen: 53.05 ng/ul
RT: 15.62 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM013070.D
Acq: 21 Nov 2017 07:05

Tgt Ion:169 Resp: 1982000
Ion Ratio Lower Upper
169 100
168 66.5 54.0 81.0
167 35.3 29.1 43.7

