

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013069.D
 Acq On : 21 Nov 2017 06:30
 Operator : SJ/JU
 Sample : I6405-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2S5

Quant Time: Nov 21 07:43:11 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	212128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	835229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	473855	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	993387	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	961783	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	948780	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26633	5.82	ng/uL	0.00
5) Phenol-d5	6.95	99	139021	7.57	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.06	67	307680	29.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	376549	25.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.45	113	236428	15.71	ng/ul	0.02
19) Nitrobenzene-d5	8.87	128	221003	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	251953	44.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	427956	29.77	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	371	0.02	ng/ul	0.04
43) Dimethylphthalate-d6	13.77	166	1305201	31.40	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1563550	29.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1700	0.27	ng/ul	-0.04
57) Fluorene-d10	15.35	176	1095225	31.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	178267	41.39	ng/ul	0.00
70) Anthracene-d10	17.20	188	1611426	31.69	ng/ul	0.00
76) Pyrene-d10	19.49	212	1675861	34.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1590597	33.06	ng/ul	0.00

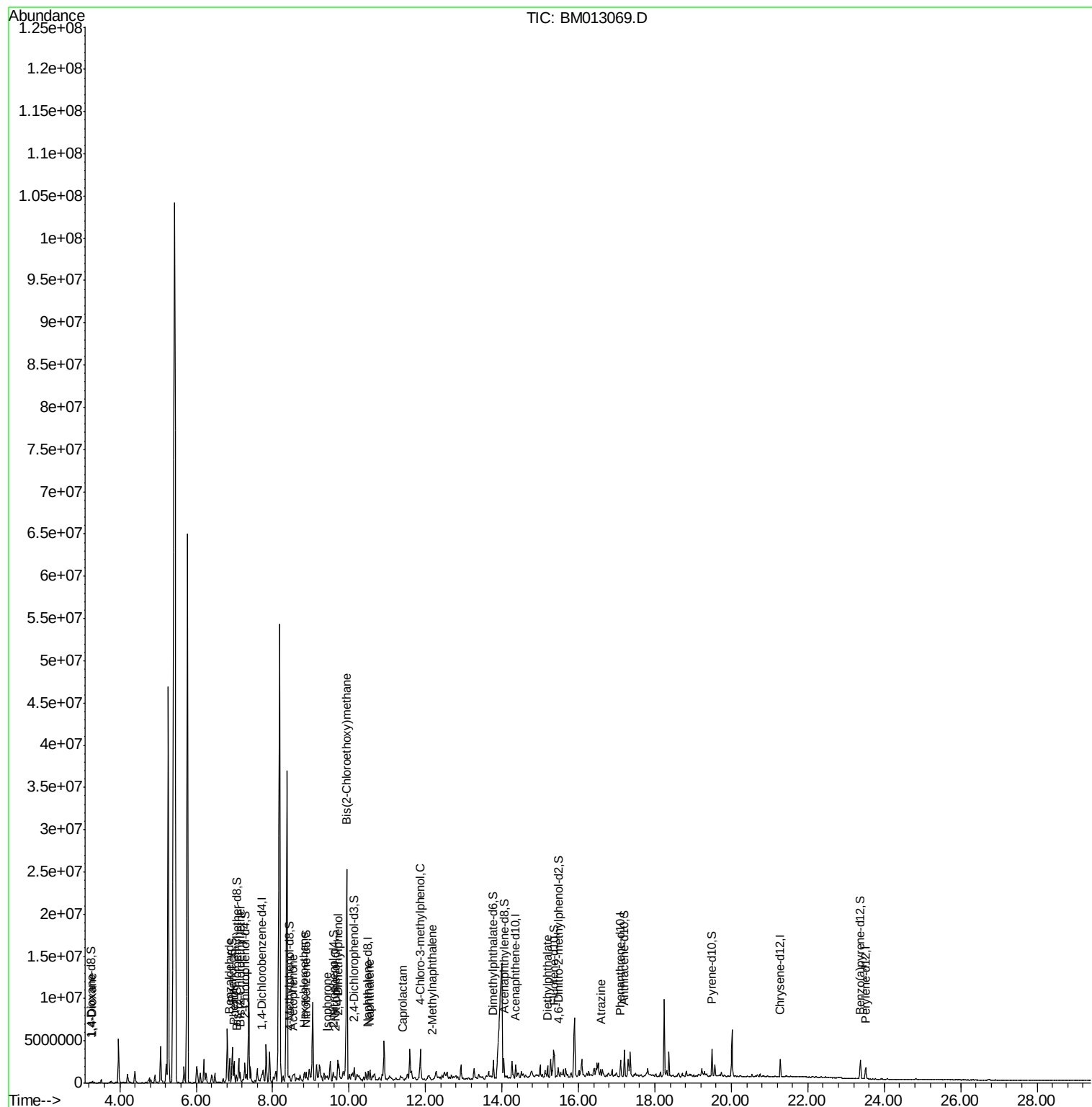
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.28	88	85083	16.91	ng/uL#	70
4) Benzaldehyde	6.87	77	190499	19.24	ng/ul#	1
6) Phenol	6.98	94	218002	12.02	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.15	93	409571	30.00	ng/ul	98
14) Acetophenone	8.52	105	222364	9.64	ng/ul#	39
17) Hexachloroethane	8.82	117	58164	9.45	ng/ul#	1
21) Isophorone	9.44	82	88282	2.90	ng/ul#	77
23) 2-Nitrophenol	9.63	139	14851	2.41	ng/ul#	48
24) 2,4-Dimethylphenol	9.70	107	853383	52.65	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	9.94	93	1077003	61.59	ng/ul#	1
28) Naphthalene	10.55	128	940745	21.86	ng/ul	99
32) Caprolactam	11.40	113	12796	3.05	ng/ul#	15
33) 4-Chloro-3-methylphenol	11.86	107	845631	59.44	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	35575	1.13	ng/ul	98
56) Diethylphthalate	15.19	149	715110	17.80	ng/ul	97
67) Atrazine	16.58	200	12086	1.01	ng/ul#	60

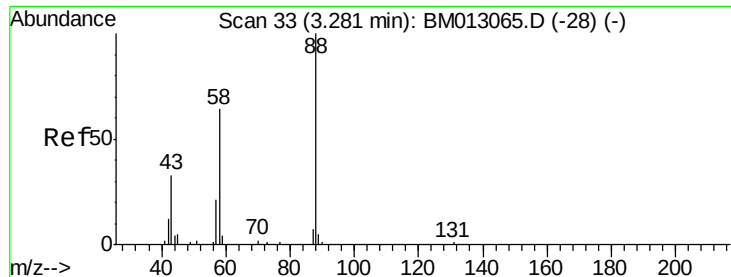
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 16.91 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampleId :

BE2S5

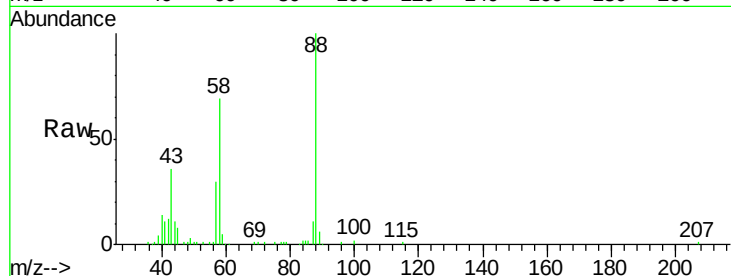
Tot Ion: 88 Resp: 85083

Ion Ratio Lower Upper

88 100

43 38.8 48.0 72.0#

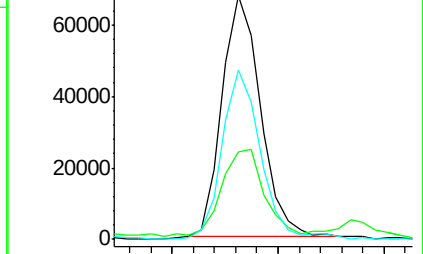
58 68.6 80.0 120.0#



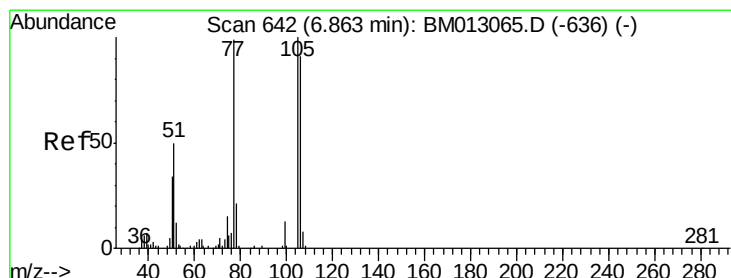
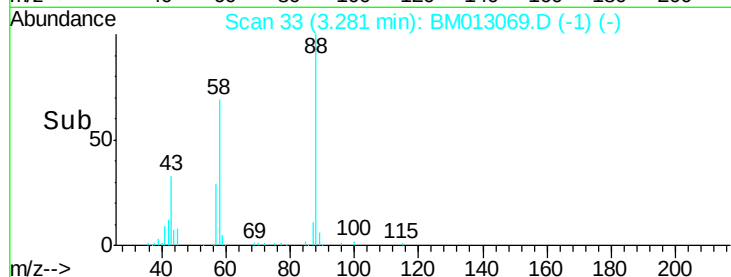
Abundance Ion 88.00 (87.70 to 88.70): BM013069.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013069.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013069.D (-1) (-)



Time-->



#4

Benzaldehyde

Concen: 19.24 ng/uL

RT: 6.87 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

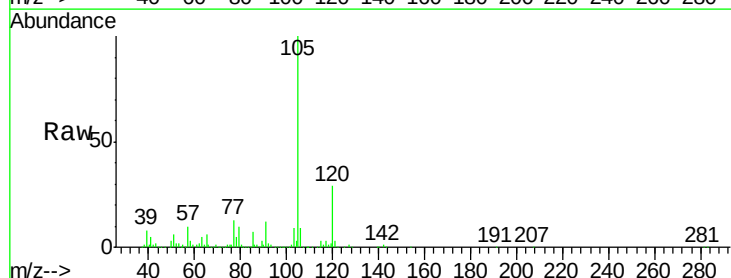
Tgt Ion: 77 Resp: 190499

Ion Ratio Lower Upper

77 100

105 752.9 66.1 99.1#

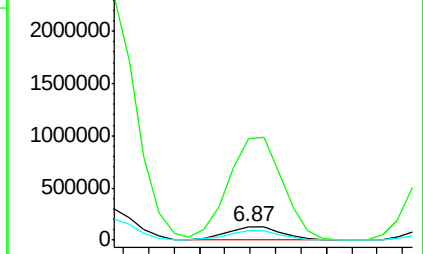
106 68.2 67.8 101.6



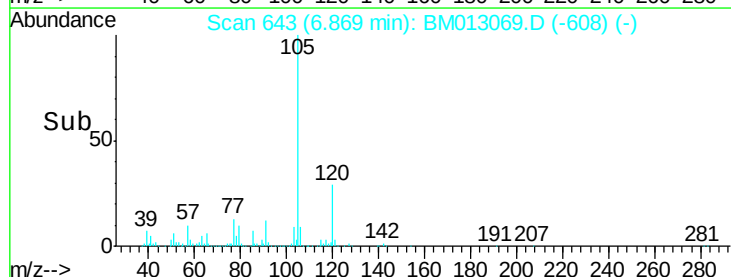
Abundance Ion 77.00 (76.70 to 77.70): BM013069.D (-608) (-)

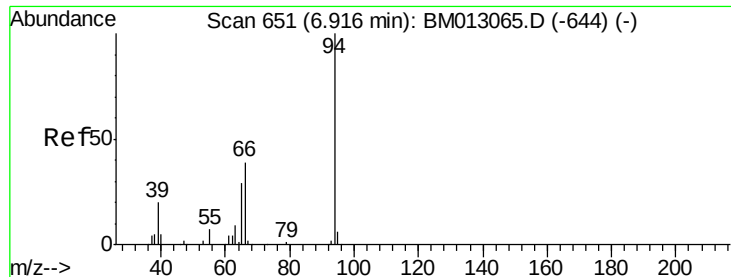
Ion 105.00 (104.70 to 105.70): BM013069.D (-608) (-)

Ion 106.00 (105.70 to 106.70): BM013069.D (-608) (-)



Time-->





#6

Phenol

Concen: 12.02 ng/ul

RT: 6.98 min Scan# 661

Delta R.T. 0.06 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampled :

BE2S5

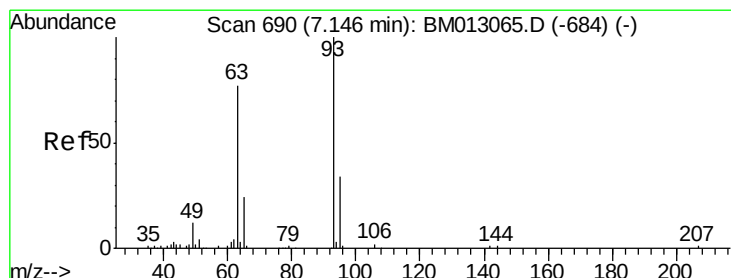
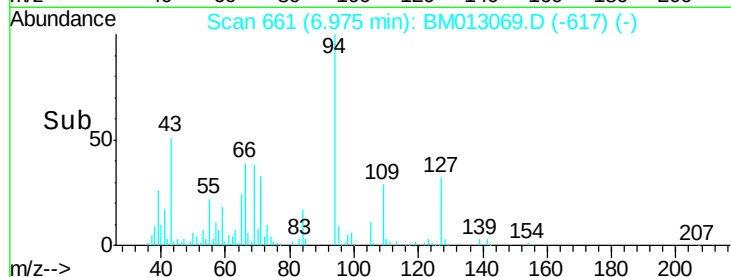
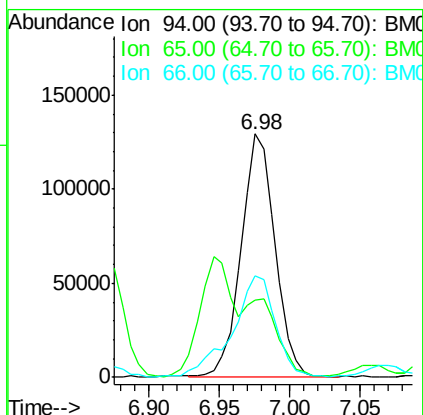
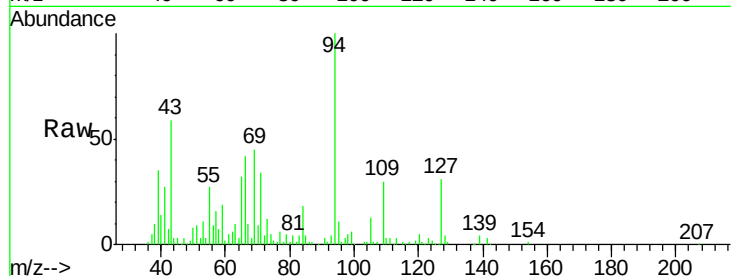
Tot Ion: 94 Resp: 218002

Ion Ratio Lower Upper

94 100

65 31.8 28.2 42.4

66 41.9 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 30.00 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

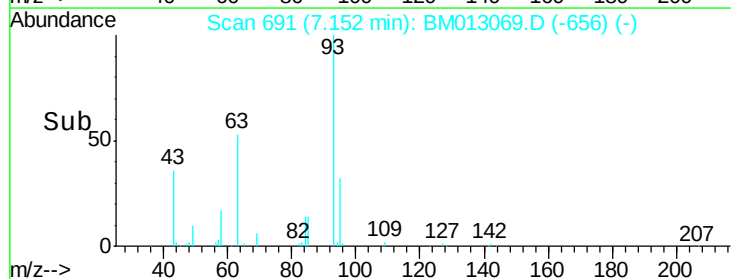
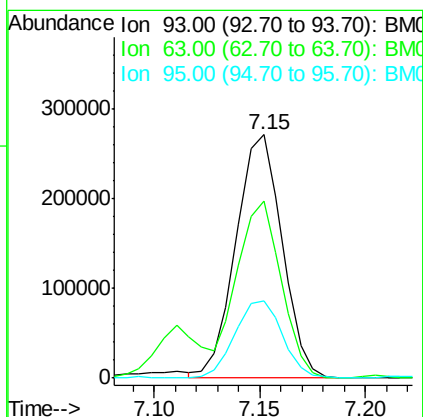
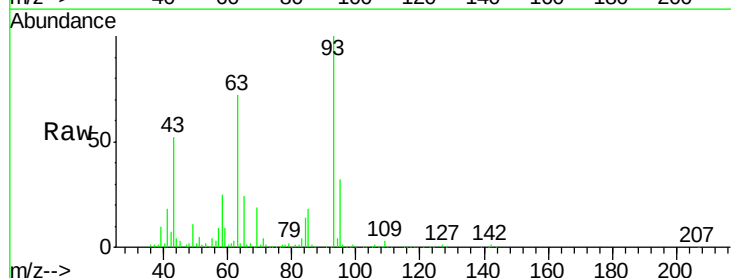
Tgt Ion: 93 Resp: 409571

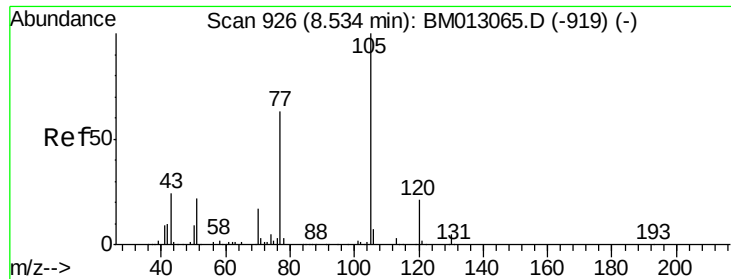
Ion Ratio Lower Upper

93 100

63 72.5 57.3 85.9

95 31.6 26.6 39.8

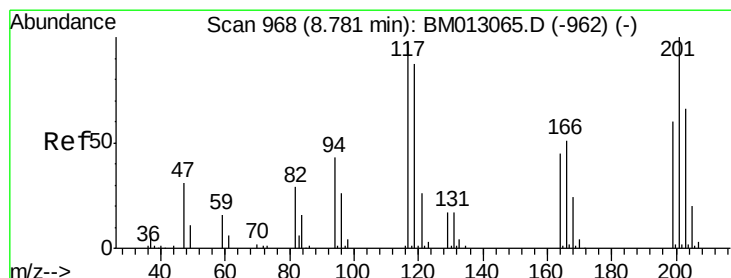
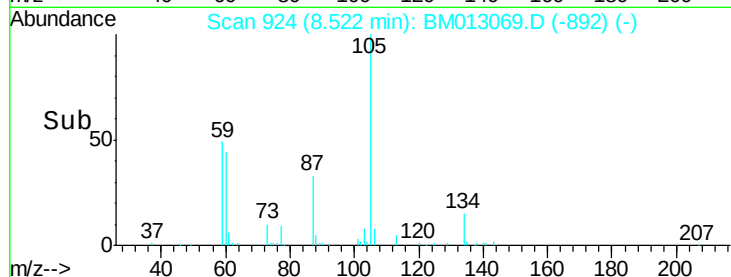
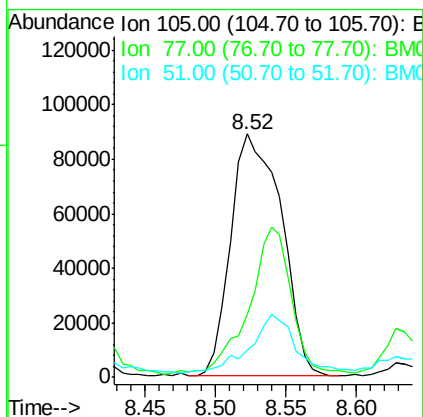
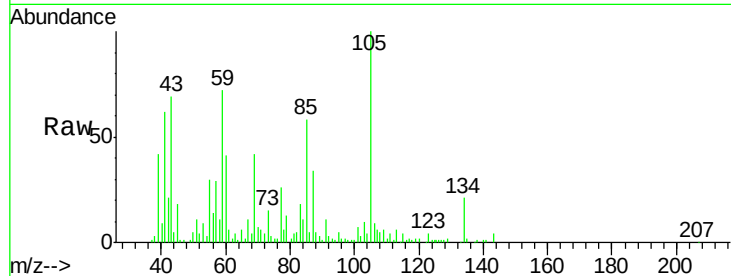




#14
Acetophenone
Concen: 9.64 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM013069.D
Acq: 21 Nov 2017 06:30

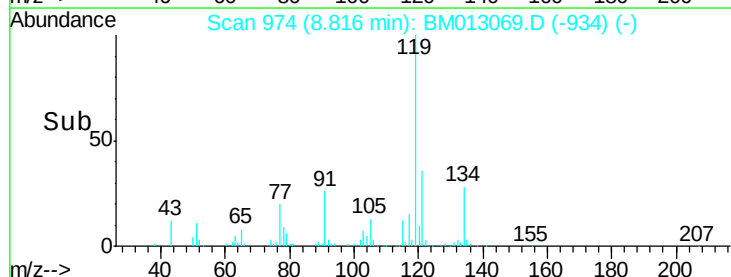
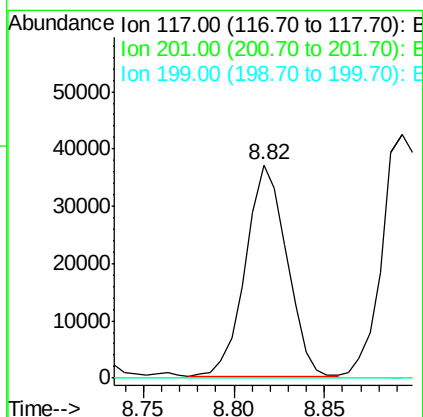
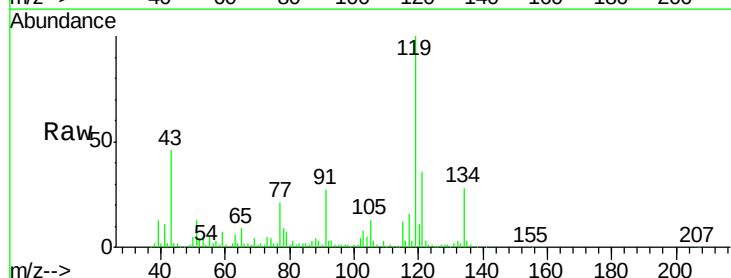
Instrument :
BNA_M
ClientSampled :
BE2S5

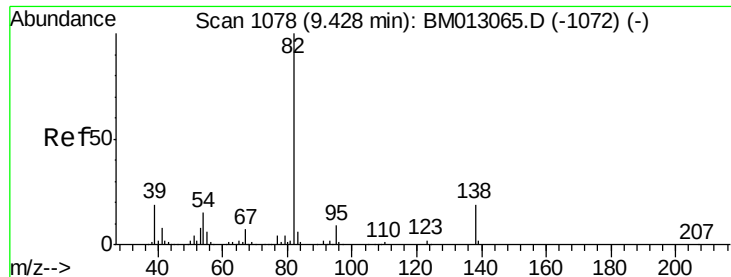
Tot Ion:105 Resp: 222364
Ion Ratio Lower Upper
105 100
77 25.9 74.2 111.4#
51 11.0 23.4 35.2#



#17
Hexachloroethane
Concen: 9.45 ng/ul
RT: 8.82 min Scan# 974
Delta R.T. 0.04 min
Lab File: BM013069.D
Acq: 21 Nov 2017 06:30

Tgt Ion:117 Resp: 58164
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#





#21

Isophorone

Concen: 2.90 ng/ul

RT: 9.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampled :

BE2S5

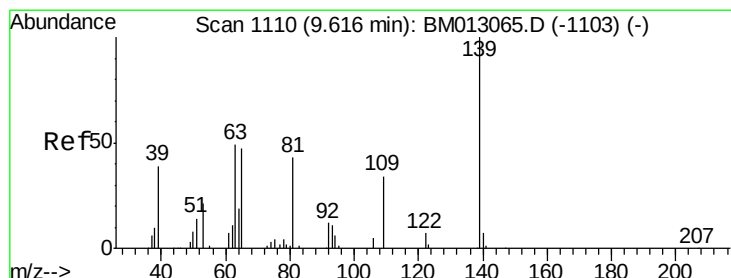
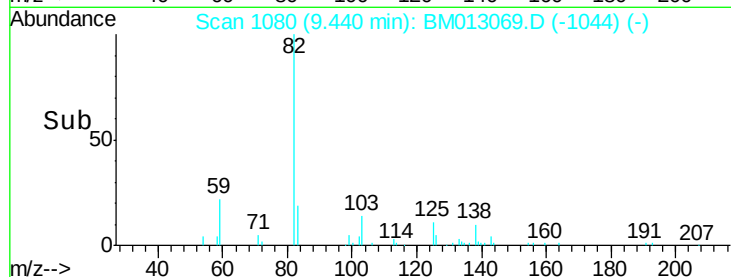
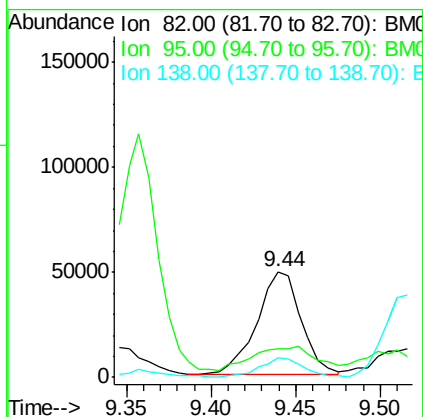
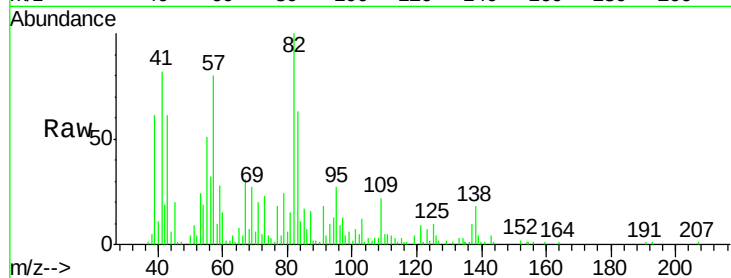
Tot Ion: 82 Resp: 88282

Ion Ratio Lower Upper

82 100

95 27.3 7.8 11.8#

138 18.1 11.9 17.9#



#23

2-Nitrophenol

Concen: 2.41 ng/ul

RT: 9.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

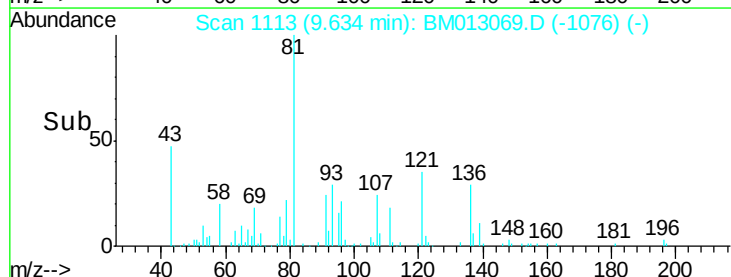
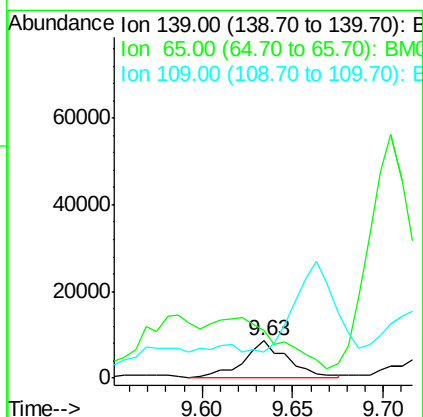
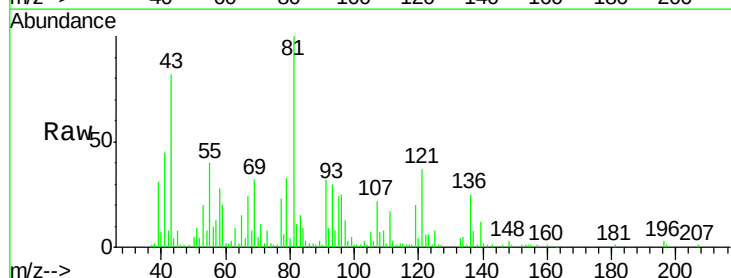
Tgt Ion: 139 Resp: 14851

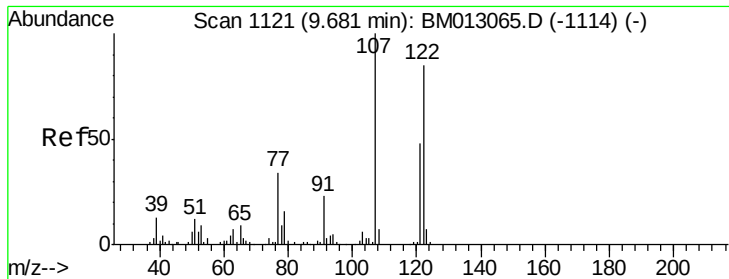
Ion Ratio Lower Upper

139 100

65 127.6 55.4 83.0#

109 70.5 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 52.65 ng/ul

RT: 9.70 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampled :

BE2S5

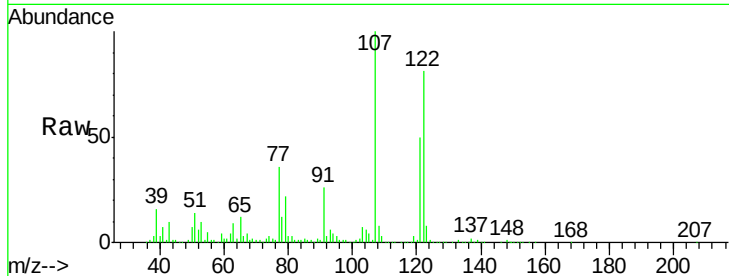
Tot Ion:107 Resp: 853383

Ion Ratio Lower Upper

107 100

121 49.7 31.9 47.9#

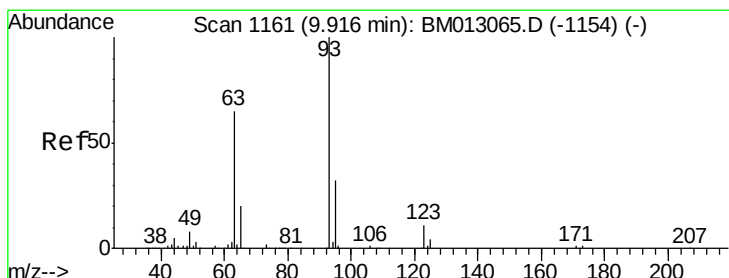
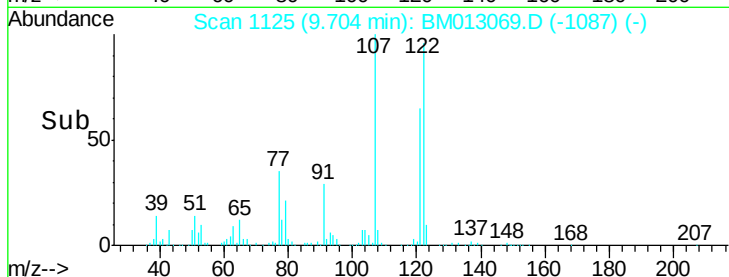
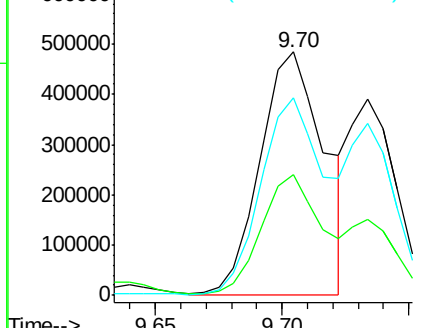
122 81.1 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 61.59 ng/ul

RT: 9.94 min Scan# 1165

Delta R.T. 0.02 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

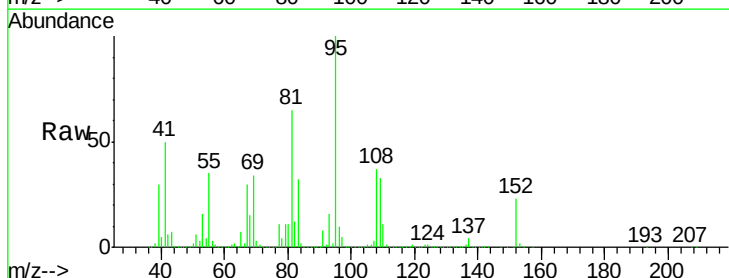
Tgt Ion: 93 Resp: 1077003

Ion Ratio Lower Upper

93 100

95 643.4 28.5 42.7#

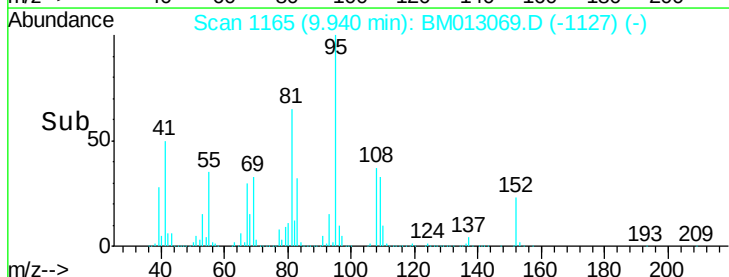
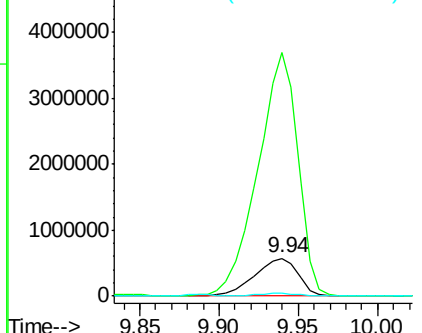
123 7.5 8.9 13.3#

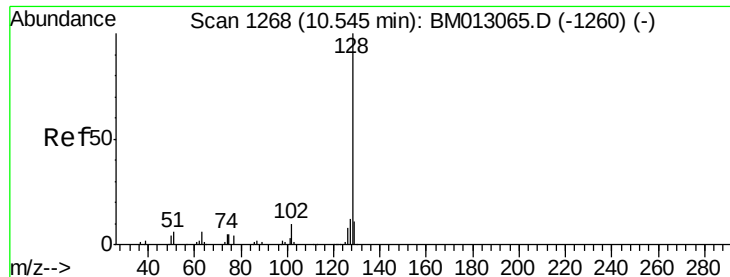


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

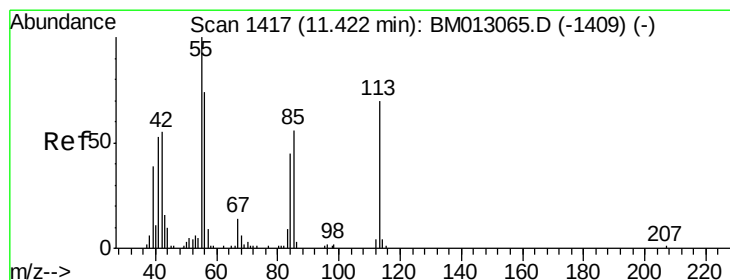
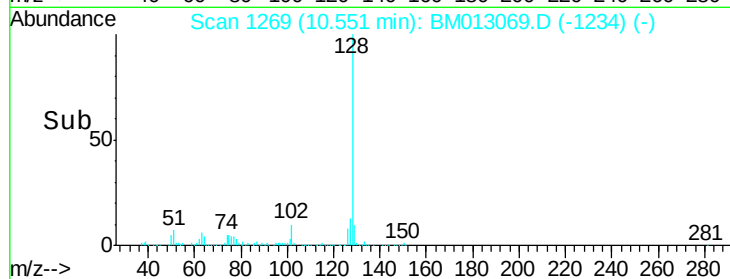
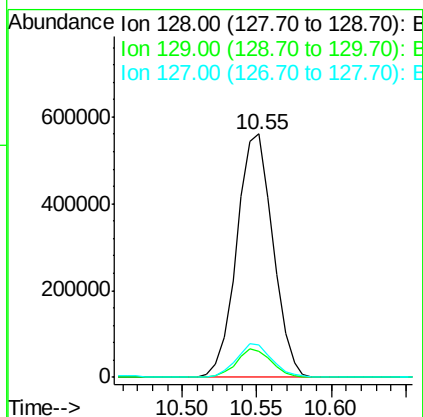
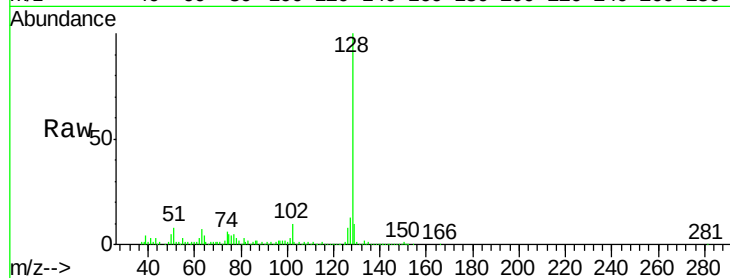




#28
Naphthalene
Concen: 21.86 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BM013069.D
Acq: 21 Nov 2017 06:30

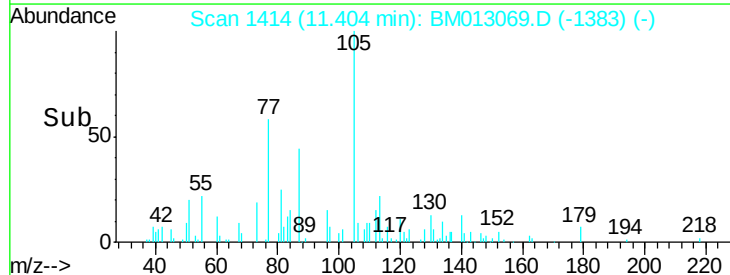
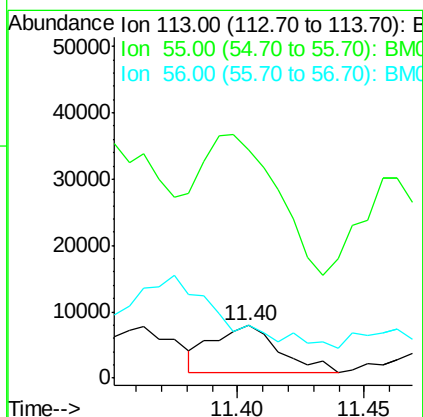
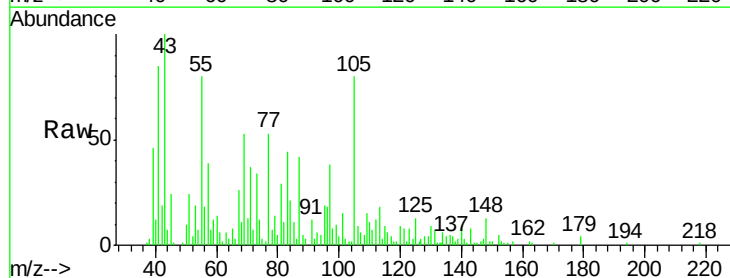
Instrument :
BNA_M
ClientSampleId :
BE2S5

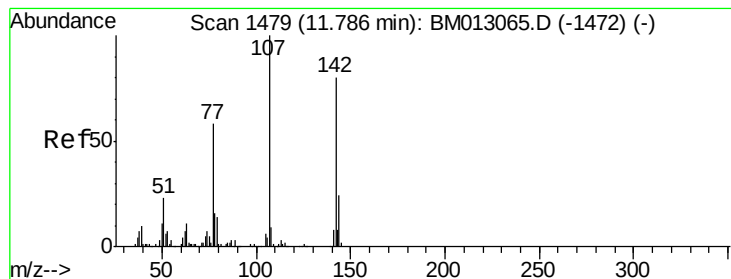
Tot Ion:128 Resp: 940745
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.4 10.6 16.0



#32
Caprolactam
Concen: 3.05 ng/ul
RT: 11.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BM013069.D
Acq: 21 Nov 2017 06:30

Tgt Ion:113 Resp: 12796
Ion Ratio Lower Upper
113 100
55 436.7 208.0 312.0#
56 100.0 160.0 240.0#





#33

4-Chloro-3-methylphenol

Concen: 59.44 ng/ul

RT: 11.86 min Scan# 1491

Delta R.T. 0.07 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampleId :

BE2S5

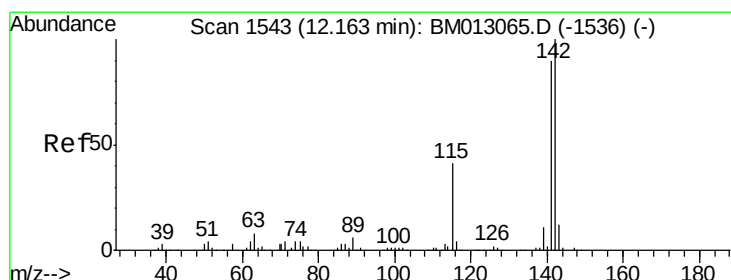
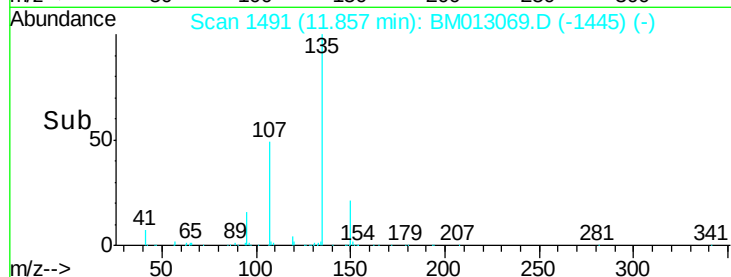
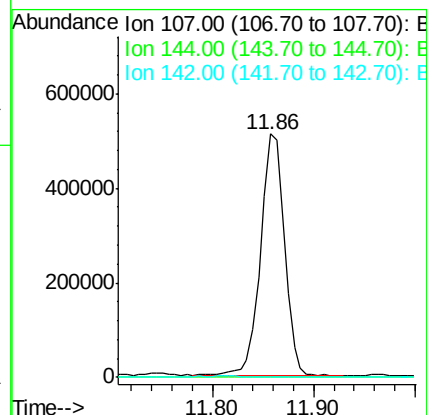
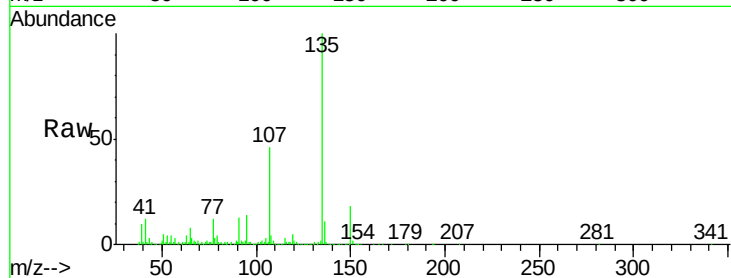
Tot Ion:107 Resp: 845631

Ion Ratio Lower Upper

107 100

144 0.1 20.4 30.6#

142 0.0 60.5 90.7#



#34

2-Methylnaphthalene

Concen: 1.13 ng/ul

RT: 12.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BM013069.D

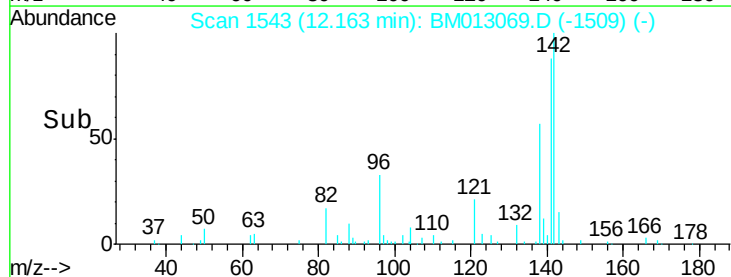
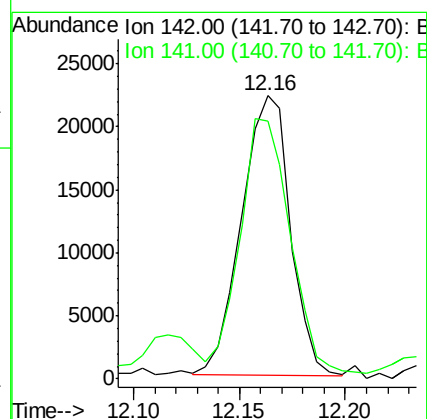
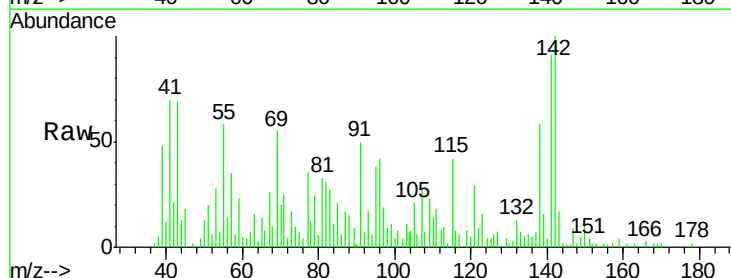
Acq: 21 Nov 2017 06:30

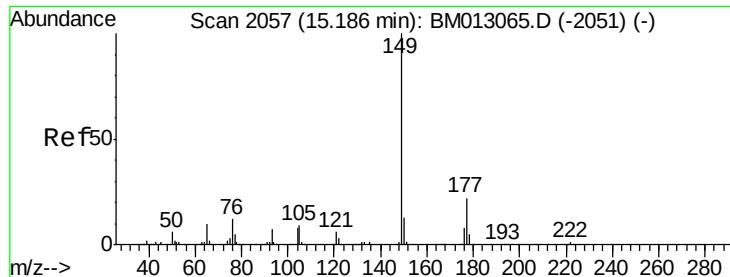
Tgt Ion:142 Resp: 35575

Ion Ratio Lower Upper

142 100

141 91.1 74.1 111.1





#56

Diethylphthalate

Concen: 17.80 ng/ul

RT: 15.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

Instrument :

BNA_M

ClientSampleId :

BE2S5

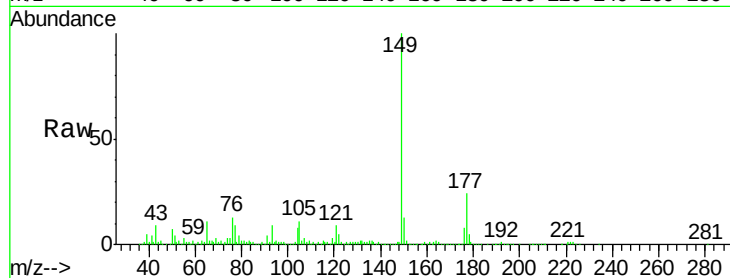
Tot Ion:149 Resp: 715110

Ion Ratio Lower Upper

149 100

177 23.7 20.5 30.7

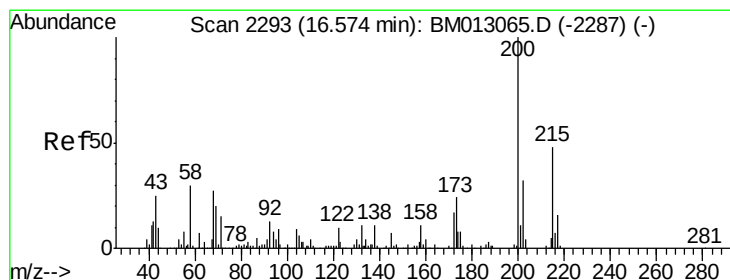
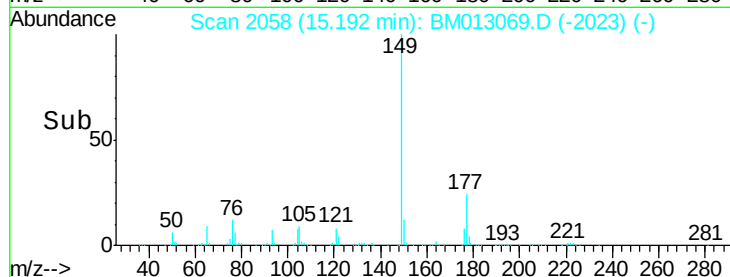
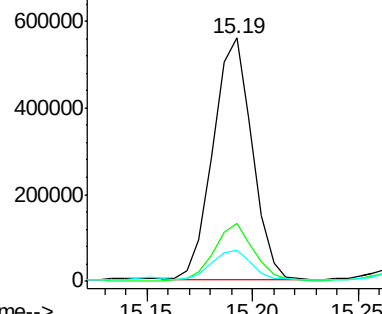
150 12.5 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#67

Atrazine

Concen: 1.01 ng/ul

RT: 16.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BM013069.D

Acq: 21 Nov 2017 06:30

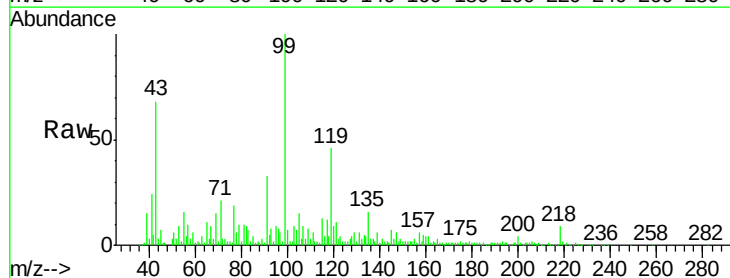
Tgt Ion:200 Resp: 12086

Ion Ratio Lower Upper

200 100

173 29.1 18.2 27.2#

215 9.4 35.0 52.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

