

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013068.D
 Acq On : 21 Nov 2017 05:55
 Operator : SJ/JU
 Sample : I6489-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2Y9

Quant Time: Nov 21 07:42:54 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	245553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1053099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	599443	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1142323	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	930438	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	888008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31645	5.97	ng/uL	0.00
5) Phenol-d5	6.90	99	152347	7.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	373521	30.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	454443	26.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	287272	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	294894	39.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	331717	46.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	567996	31.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	34041	1.80	ng/ul	-0.16
43) Dimethylphthalate-d6	13.77	166	1749475	33.27	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	2203590	32.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	52529	6.59	ng/ul	0.01
57) Fluorene-d10	15.35	176	1506723	33.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	252813	51.04	ng/ul	0.00
70) Anthracene-d10	17.20	188	1970439	33.69	ng/ul	0.00
76) Pyrene-d10	19.49	212	1822786	38.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1515707	33.66	ng/ul	0.00

Target Compounds

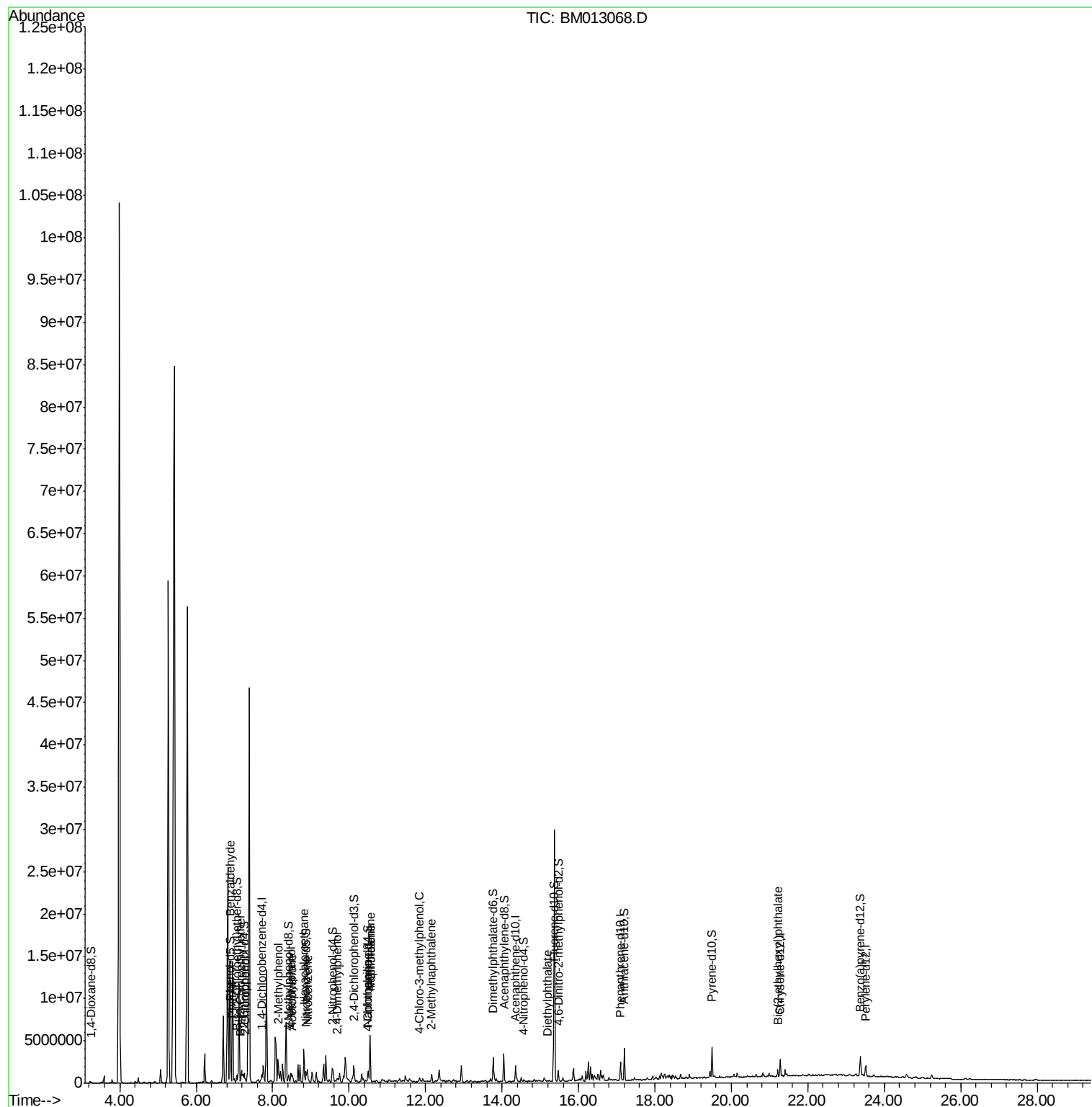
					Ovalue	
4) Benzaldehyde	6.88	77	949455	82.83	ng/ul#	1
6) Phenol	6.93	94	70893	3.38	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.16	93	16336	1.03	ng/ul#	88
10) 2-Chlorophenol	7.29	128	104699	6.22	ng/ul	95
11) 2-Methylphenol	8.16	108	148705	9.33	ng/ul	93
14) Acetophenone	8.52	105	624205	23.38	ng/ul#	28
16) 4-Methylphenol	8.48	108	392424	23.19	ng/ul	87
17) Hexachloroethane	8.82	117	275347	38.64	ng/ul#	1
20) Nitrobenzene	8.91	77	178000	9.49	ng/ul#	52
24) 2,4-Dimethylphenol	9.68	107	155642	7.62	ng/ul	92
28) Naphthalene	10.55	128	4108789	75.72	ng/ul	99
30) 4-Chloroaniline	10.55	127	529090	29.12	ng/ul#	14
33) 4-Chloro-3-methylphenol	11.85	107	113103	6.31	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	193103	4.86	ng/ul	89
56) Diethylphthalate	15.19	149	78060	1.54	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.22	149	279712	7.88	ng/ul	98

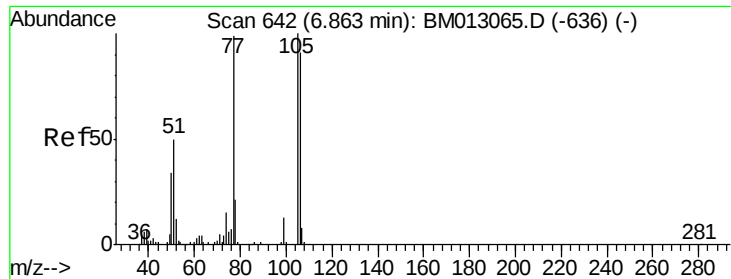
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 82.83 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. 0.02 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

Instrument :

BNA_M

ClientSampled :

BE2Y9

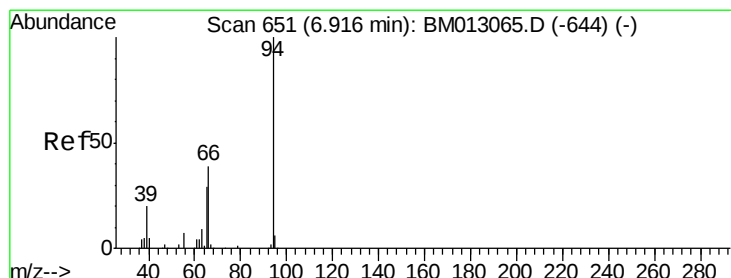
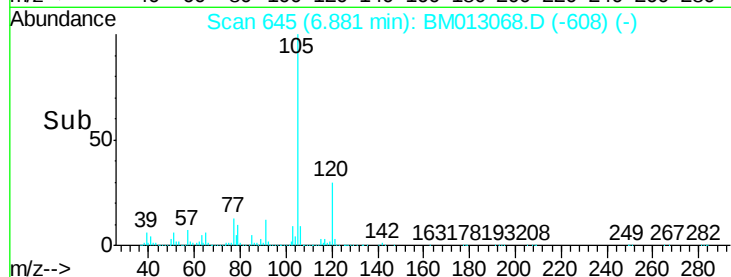
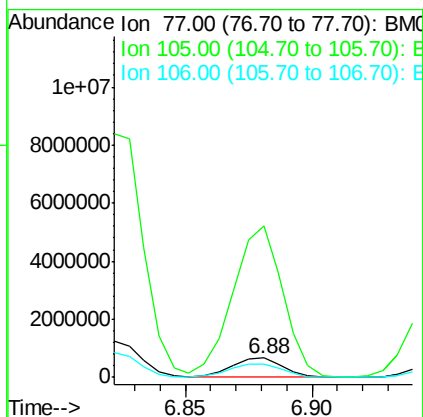
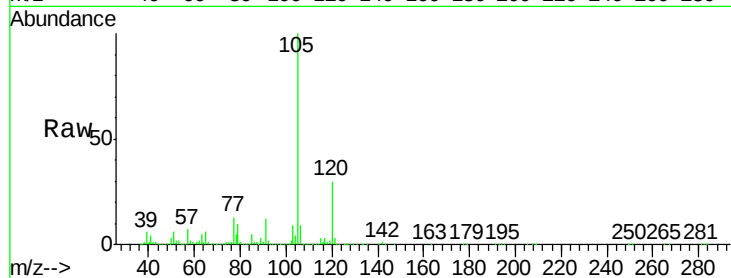
Tot Ion: 77 Resp: 949455

Ion Ratio Lower Upper

77 100

105 776.7 66.1 99.1#

106 70.1 67.8 101.6



#6

Phenol

Concen: 3.38 ng/ul

RT: 6.93 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

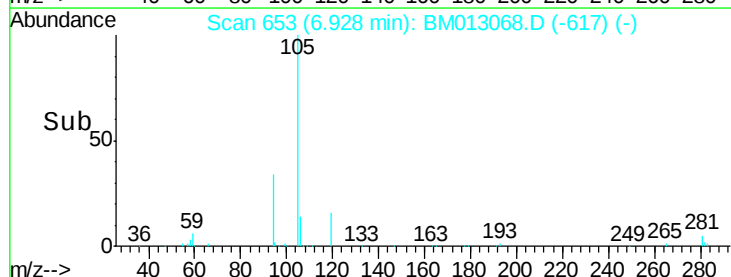
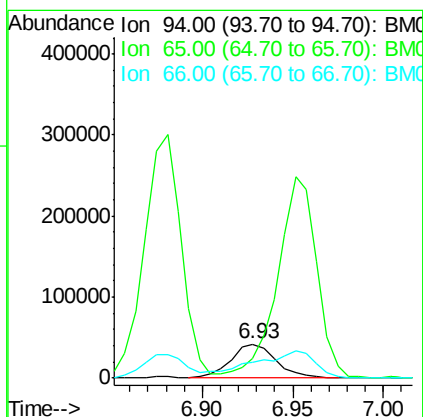
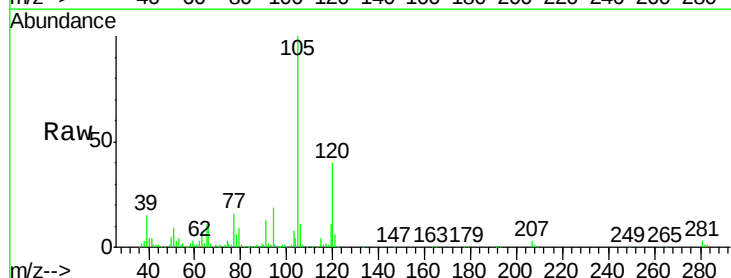
Tgt Ion: 94 Resp: 70893

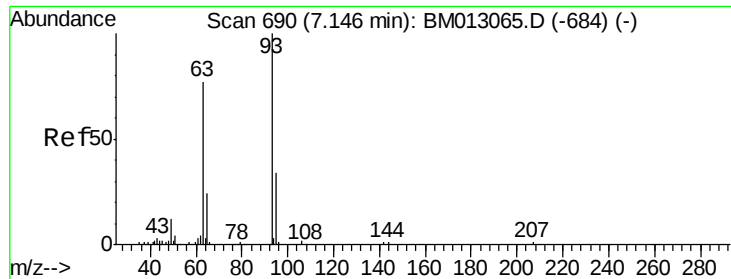
Ion Ratio Lower Upper

94 100

65 59.3 28.2 42.4#

66 47.6 47.2 70.8





#8

Bis(2-Chloroethyl)ether

Concen: 1.03 ng/ul

RT: 7.16 min Scan# 692

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

Instrument :

BNA_M

ClientSampleId :

BE2Y9

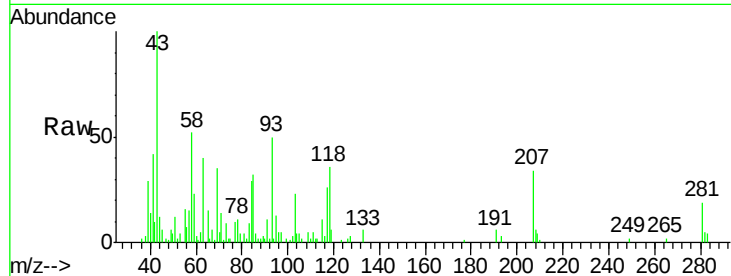
Tot Ion: 93 Resp: 16336

Ion Ratio Lower Upper

93 100

63 81.1 57.3 85.9

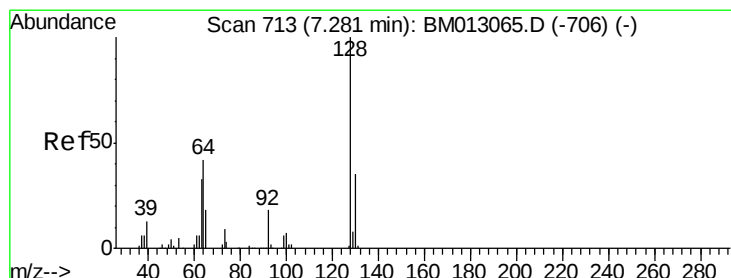
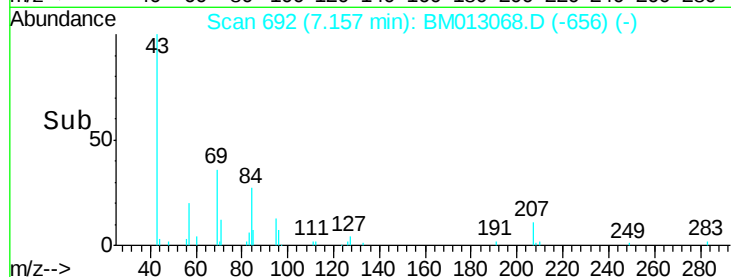
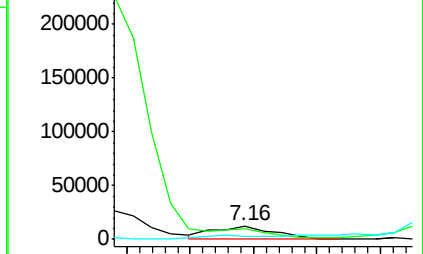
95 26.2 26.6 39.8#



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: 6.22 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

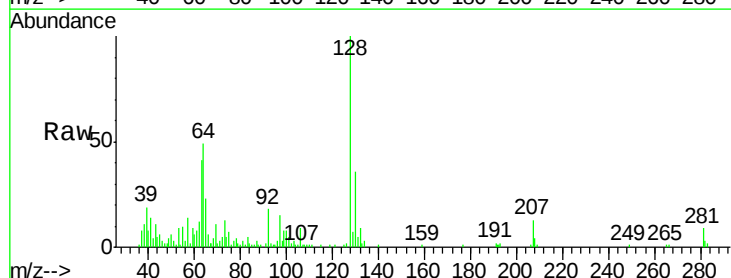
Tgt Ion: 128 Resp: 104699

Ion Ratio Lower Upper

128 100

64 49.3 38.0 57.0

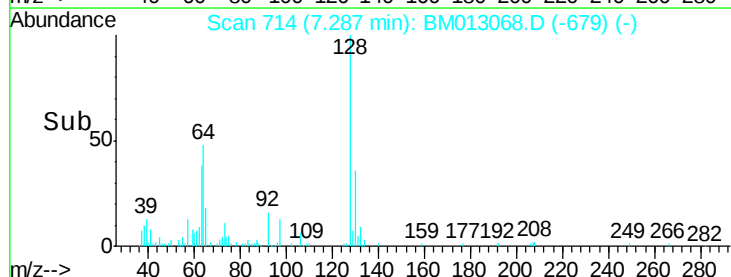
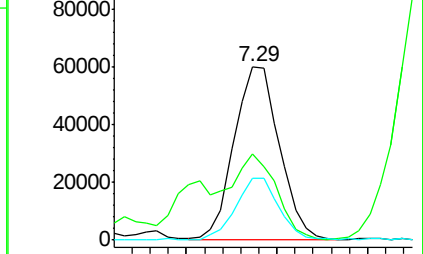
130 35.8 24.4 36.6

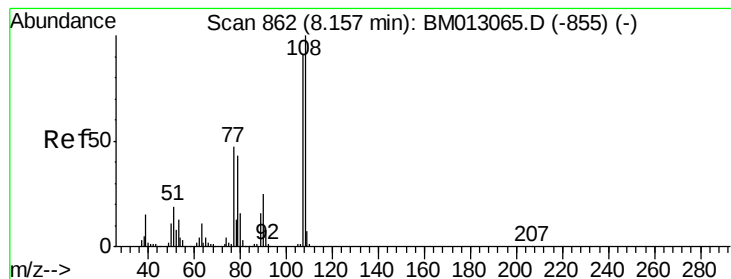


Abundance Ion 128.00 (127.70 to 128.70): BM013065.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM013065.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM013065.D (-706) (-)





#11

2-Methylphenol

Concen: 9.33 ng/ul

RT: 8.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

Instrument :

BNA_M

ClientSampled :

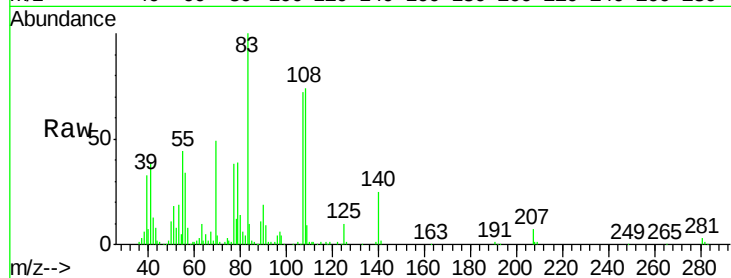
BE2Y9

Tot Ion:108 Resp: 148705

Ion Ratio Lower Upper

108 100

107 96.9 72.6 108.8

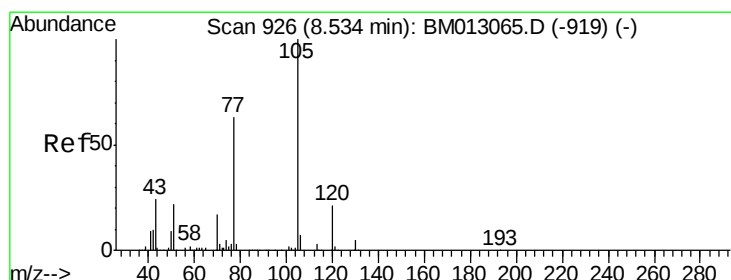
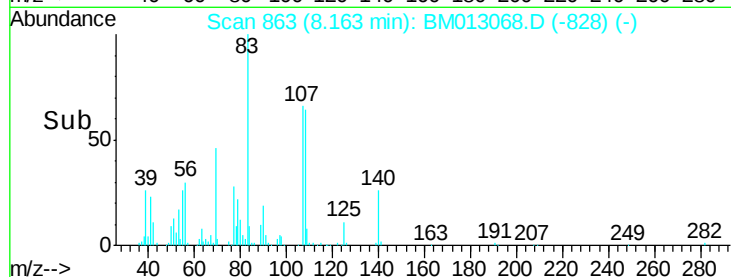


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.16

Time-->



#14

Acetophenone

Concen: 23.38 ng/ul

RT: 8.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

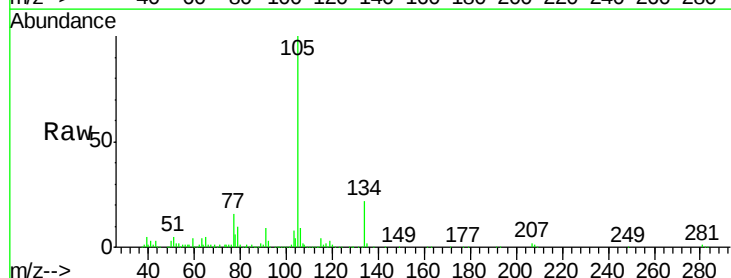
Tgt Ion:105 Resp: 624205

Ion Ratio Lower Upper

105 100

77 15.8 74.2 111.4#

51 5.1 23.4 35.2#



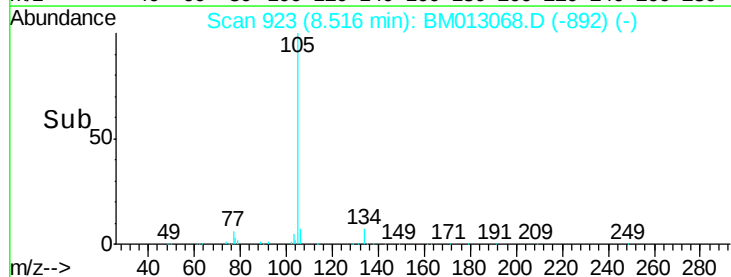
Abundance Ion 105.00 (104.70 to 105.70): E

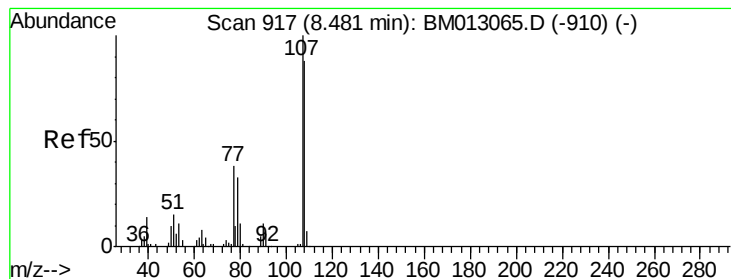
Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

8.52

Time-->





#16

4-Methylphenol

Concen: 23.19 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

Instrument :

BNA_M

ClientSampleId :

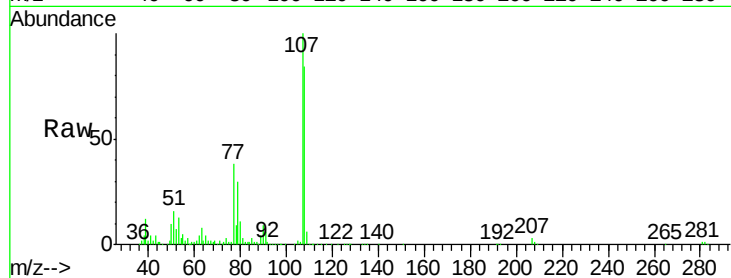
BE2Y9

Tot Ion:108 Resp: 392424

Ion Ratio Lower Upper

108 100

107 119.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

300000

250000

200000

150000

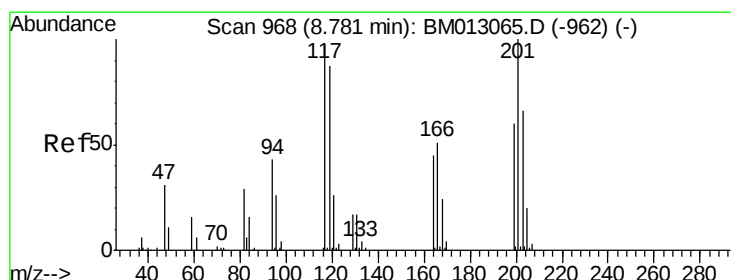
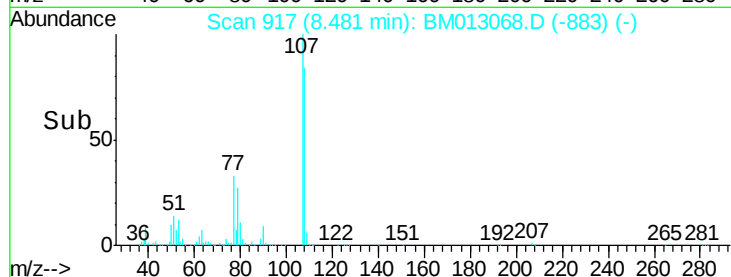
100000

50000

0

8.40 8.45 8.50 8.55

Time-->



#17

Hexachloroethane

Concen: 38.64 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. 0.04 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

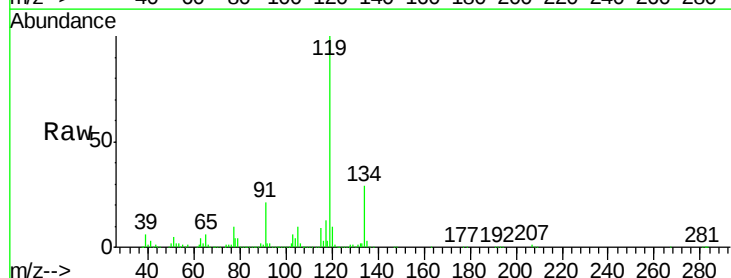
Tgt Ion:117 Resp: 275347

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

200000

150000

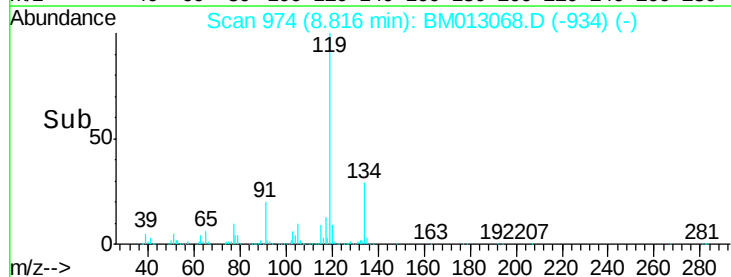
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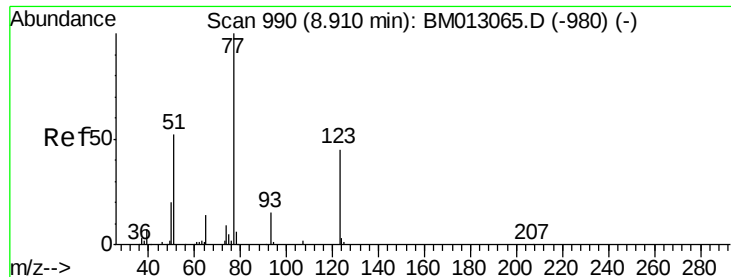
50000

0

8.75 8.80 8.85

Time-->

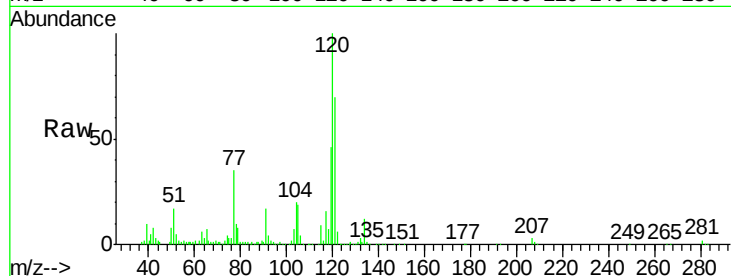




#20
Nitrobenzene
Concen: 9.49 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Instrument :
BNA_M
ClientSampleId :
BE2Y9

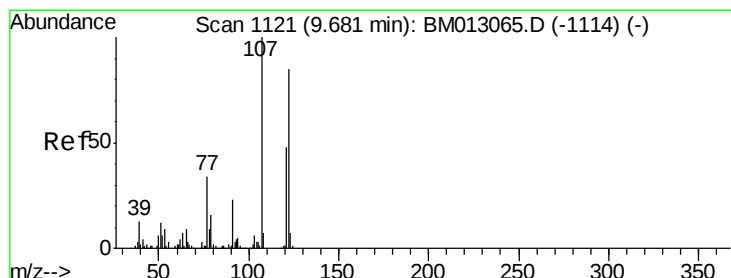
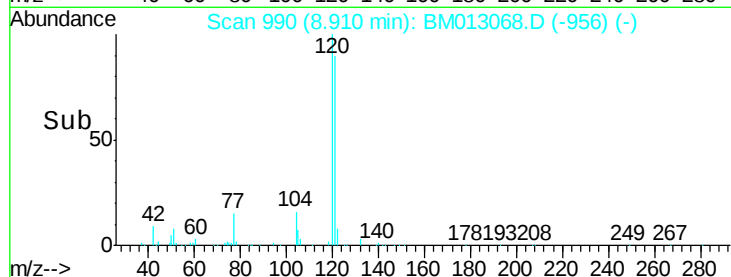
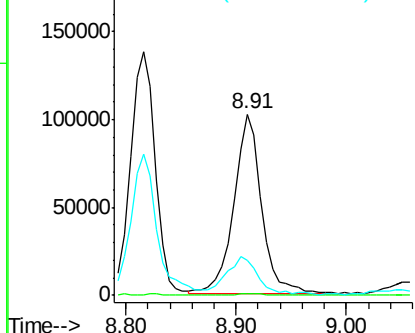
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.7	31.0	46.6#
65	19.5	12.2	18.2#



Abundance Ion 77.00 (76.70 to 77.70): BM013068.D (-956) (-)

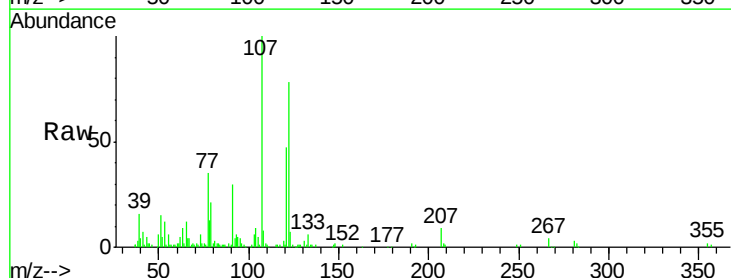
Ion 123.00 (122.70 to 123.70): BM013068.D (-956) (-)

Ion 65.00 (64.70 to 65.70): BM013068.D (-956) (-)



#24
2,4-Dimethylphenol
Concen: 7.62 ng/ul
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

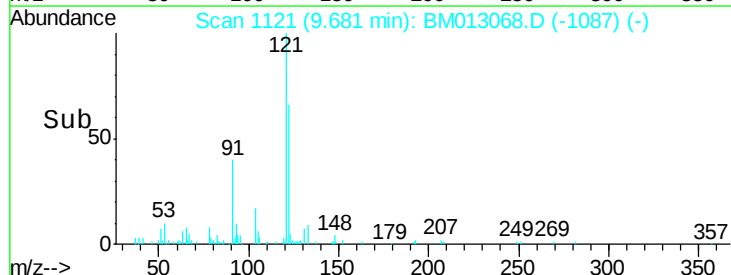
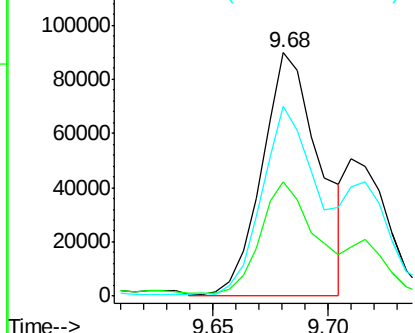
Tgt Ion	Ratio	Lower	Upper
107	100		
121	47.2	31.9	47.9
122	77.7	57.8	86.6

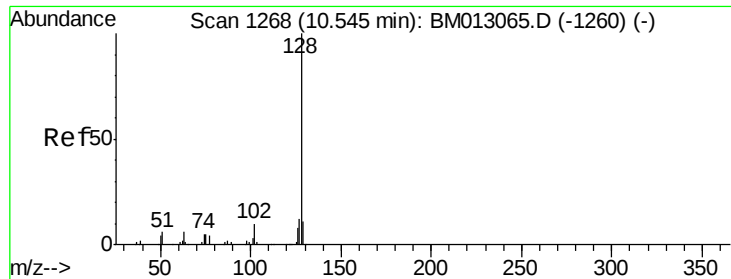


Abundance Ion 107.00 (106.70 to 107.70): BM013068.D (-1087) (-)

Ion 121.00 (120.70 to 121.70): BM013068.D (-1087) (-)

Ion 122.00 (121.70 to 122.70): BM013068.D (-1087) (-)

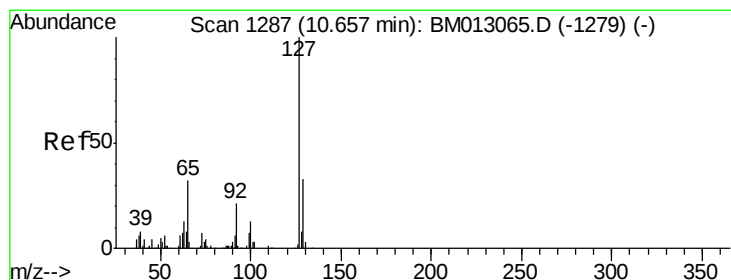
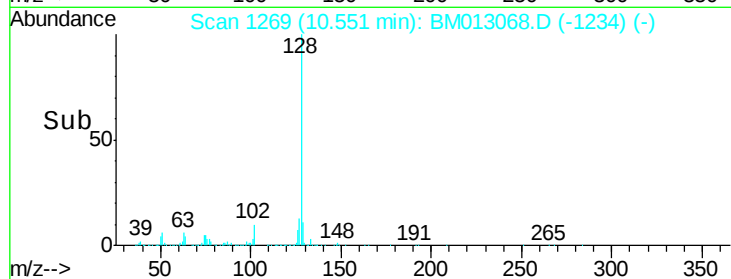
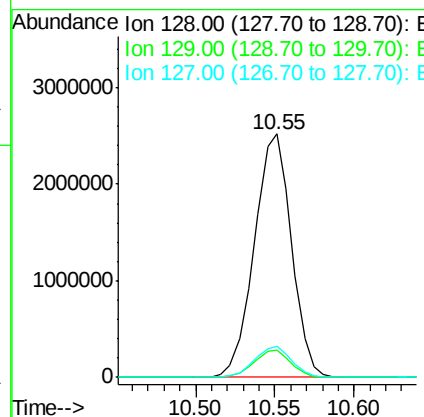
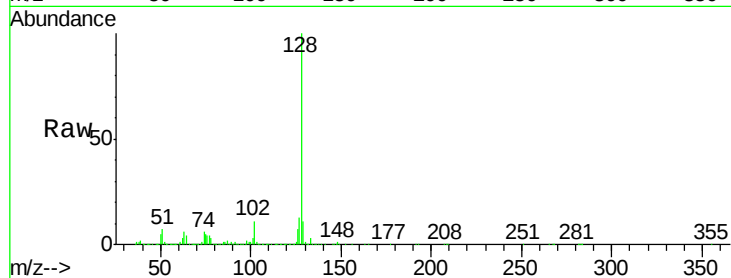




#28
Naphthalene
Concen: 75.72 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

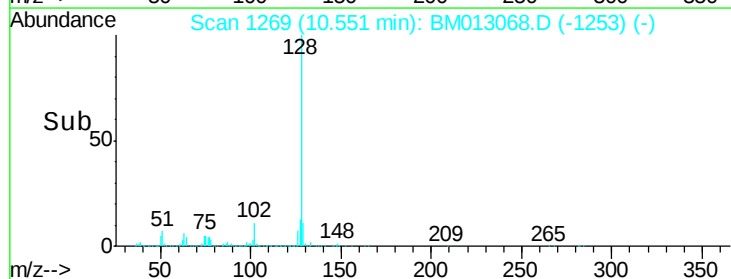
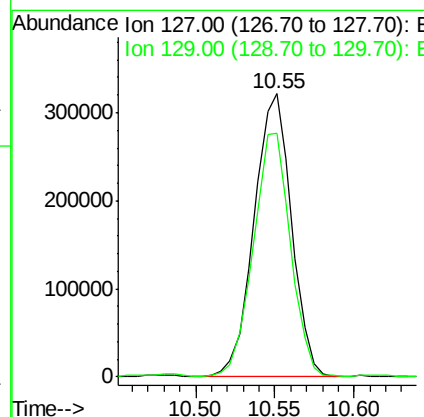
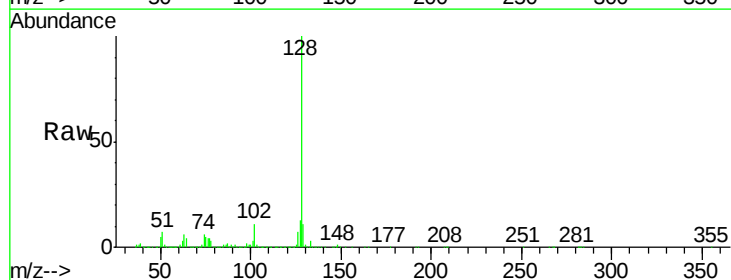
Instrument :
BNA_M
ClientSampleId :
BE2Y9

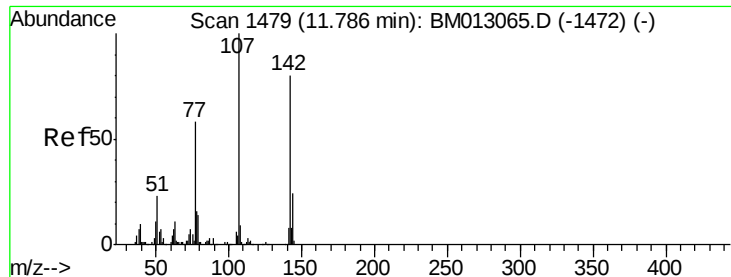
Tot Ion:128 Resp: 4108789
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.6 16.0



#30
4-Chloroaniline
Concen: 29.12 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. -0.11 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:127 Resp: 529090
Ion Ratio Lower Upper
127 100
129 85.9 28.4 42.6#

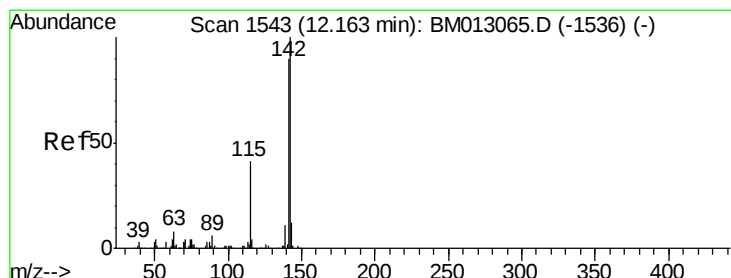
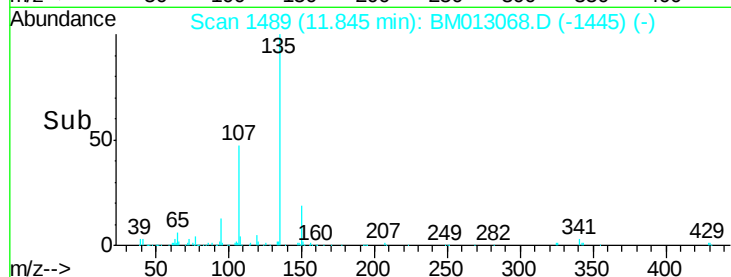
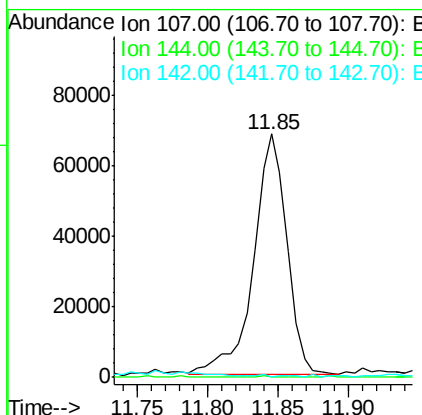
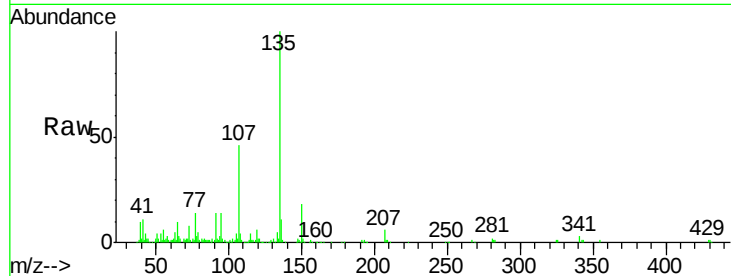




#33
 4-Chloro-3-methylphenol
 Concen: 6.31 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.06 min
 Lab File: BM013068.D
 Acq: 21 Nov 2017 05:55

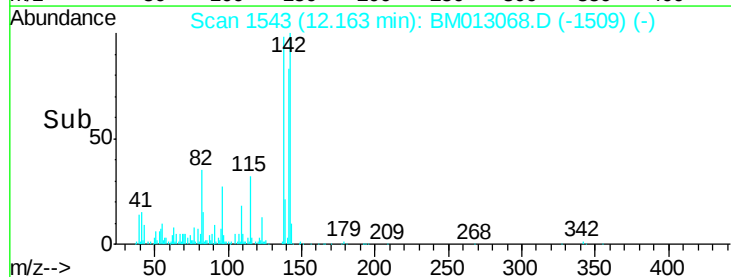
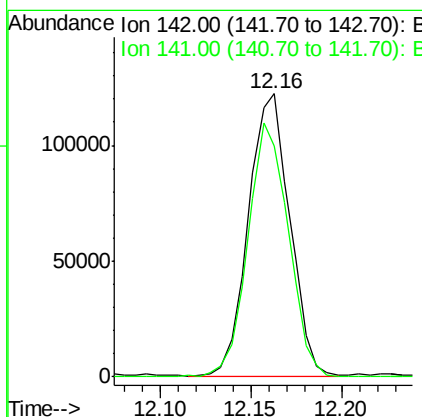
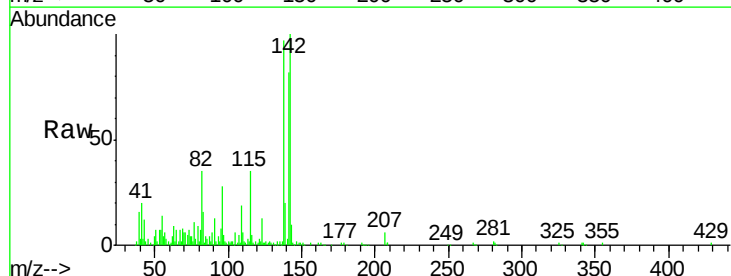
Instrument :
 BNA_M
 ClientSampleId :
 BE2Y9

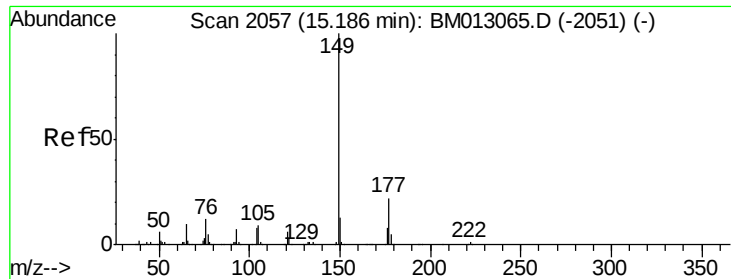
Tot Ion:107 Resp: 113103
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#



#34
 2-Methylnaphthalene
 Concen: 4.86 ng/ul
 RT: 12.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BM013068.D
 Acq: 21 Nov 2017 05:55

Tgt Ion:142 Resp: 193103
 Ion Ratio Lower Upper
 142 100
 141 81.7 74.1 111.1





#56

Diethylphthalate

Concen: 1.54 ng/ul

RT: 15.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

Instrument :

BNA_M

ClientSampleId :

BE2Y9

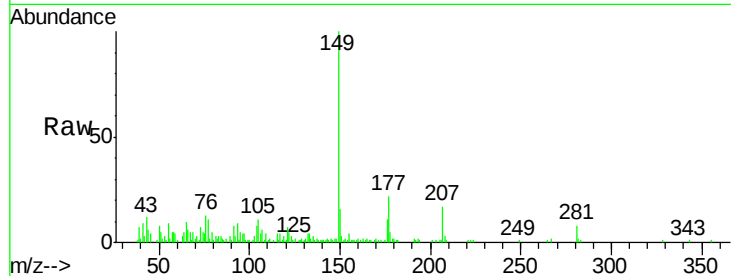
Tot Ion:149 Resp: 78060

Ion Ratio Lower Upper

149 100

177 22.4 20.5 30.7

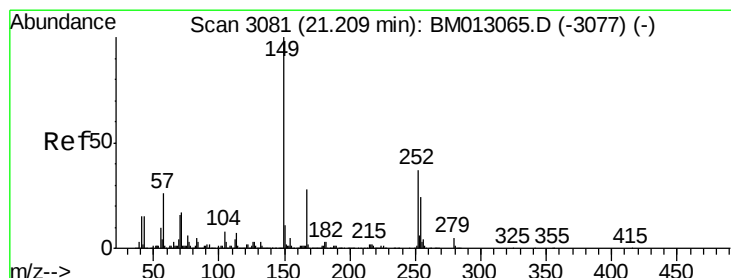
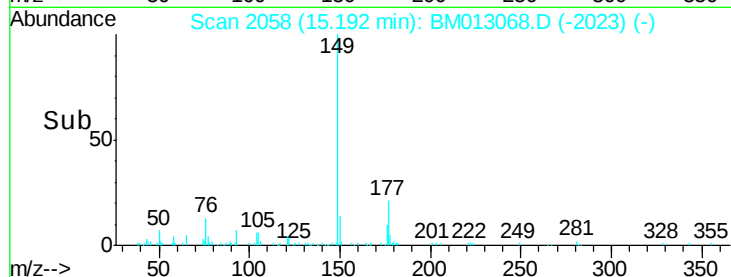
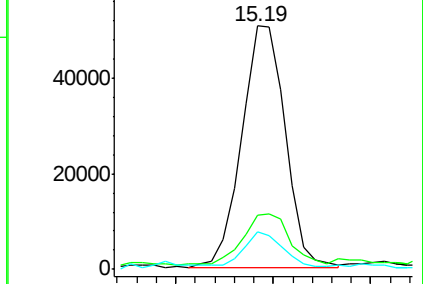
150 15.6 10.6 15.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.88 ng/ul

RT: 21.22 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BM013068.D

Acq: 21 Nov 2017 05:55

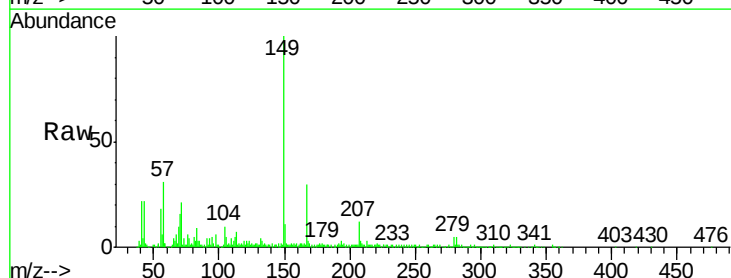
Tgt Ion:149 Resp: 279712

Ion Ratio Lower Upper

149 100

167 29.7 22.8 34.2

279 5.3 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

