

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
 Data File : BM013072.D
 Acq On : 21 Nov 2017 08:16
 Operator : SJ/JU
 Sample : I6405-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 21 14:01:21 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	272006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1146784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	674501	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1356784	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1085091	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1013257	20.00	ng/ul	0.00

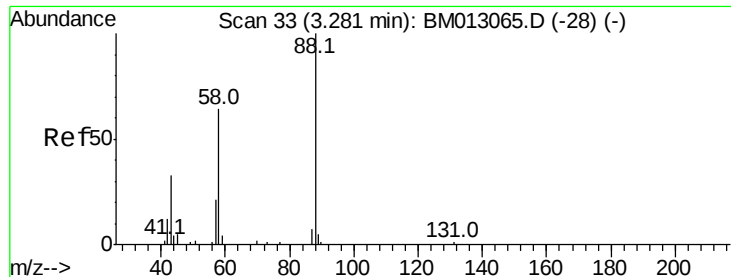
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31659	5.39	ng/uL	0.00
5) Phenol-d5	6.90	99	166557	7.07	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	382429	28.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	473639	25.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	317917	16.47	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	278443	34.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	316102	40.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	559039	28.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.65	131	1396	0.07	ng/ul	0.02
43) Dimethylphthalate-d6	13.77	166	1778215	30.05	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	2134729	28.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	60826	6.78	ng/ul	0.04
57) Fluorene-d10	15.35	176	1482808	29.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	211346	35.93	ng/ul	0.00
70) Anthracene-d10	17.20	188	2110070	30.38	ng/ul	0.00
76) Pyrene-d10	19.49	212	1981557	35.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1602669	31.19	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	92122	14.280	ng/uL#	63
4) Benzaldehyde	6.86	77	20987	1.653	ng/ul#	1
6) Phenol	6.93	94	66220	2.848	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	338918	19.357	ng/ul	96
10) 2-Chlorophenol	7.28	128	48673	2.611	ng/ul	99
14) Acetophenone	8.52	105	83465	2.822	ng/ul#	35
17) Hexachloroethane	8.82	117	49720	6.299	ng/ul#	1
24) 2,4-Dimethylphenol	9.69	107	192877	8.666	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.92	93	71077	2.960	ng/ul#	1
28) Naphthalene	10.55	128	527198	8.922	ng/ul	99
33) 4-Chloro-3-methylphenol	11.86	107	1060344	54.285	ng/ul#	21
56) Diethylphthalate	15.19	149	90656	1.585	ng/ul#	94
64) N-Nitrosodiphenylamine	15.62	169	53279	1.251	ng/ul	98

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



#2

1,4-Dioxane

Concen: 14.280 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

Instrument :

BNA_M

ClientSampleId :

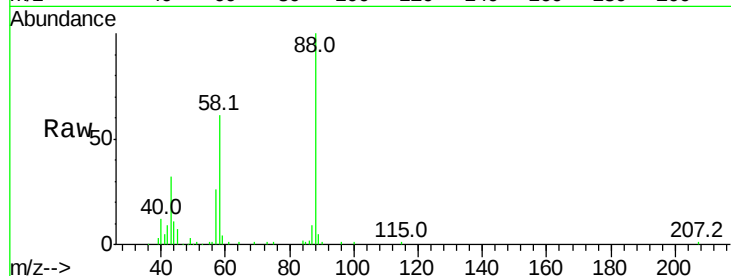
Tot Ion: 88 Resp: 92122

Ion Ratio Lower Upper

88 100

43 31.7 48.0 72.0#

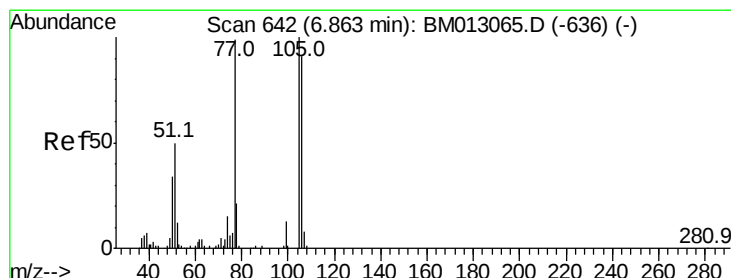
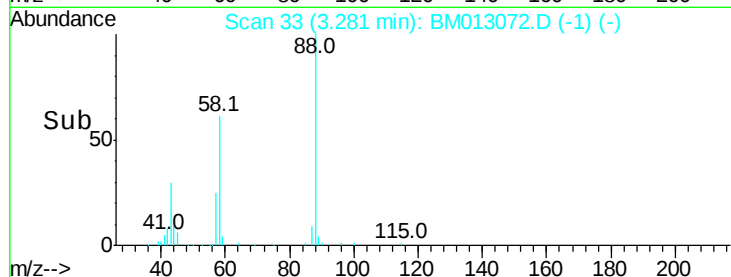
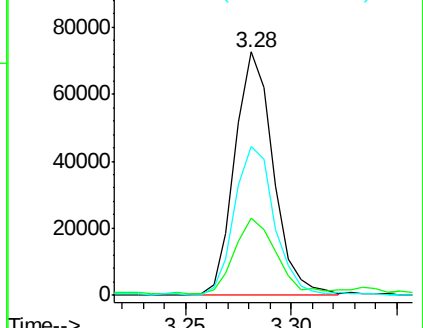
58 63.0 80.0 120.0#



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: 1.653 ng/uL

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

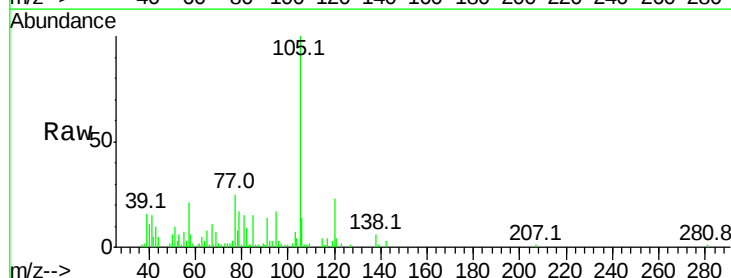
Tgt Ion: 77 Resp: 20987

Ion Ratio Lower Upper

77 100

105 393.6 66.1 99.1#

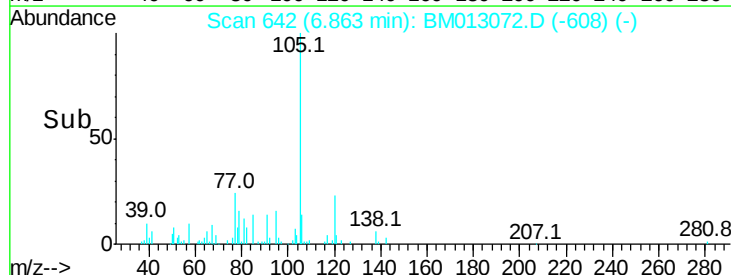
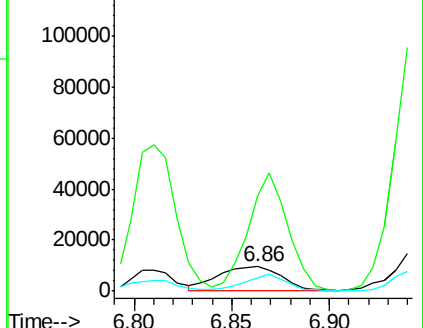
106 54.2 67.8 101.6#

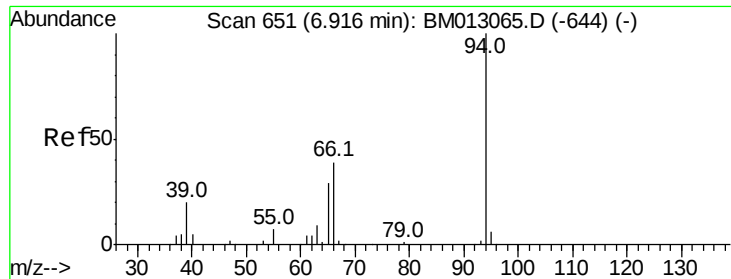


Abundance Ion 77.00 (76.70 to 77.70): BM013065.D (-636) (-)

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: 2.848 ng/ul

RT: 6.93 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

Instrument :

BNA_M

ClientSampled :

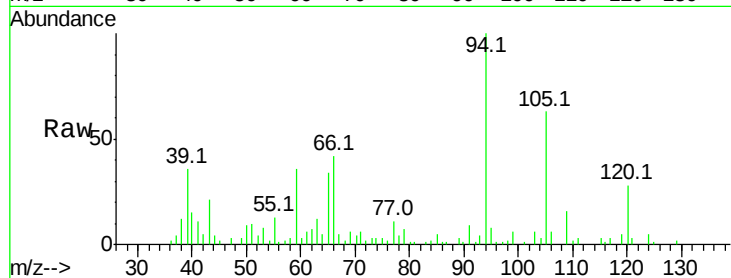
Tot Ion: 94 Resp: 66220

Ion Ratio Lower Upper

94 100

65 33.7 28.2 42.4

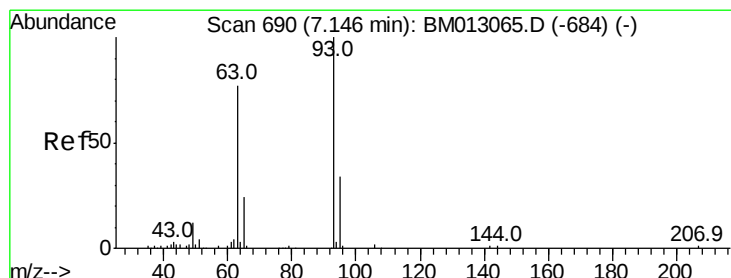
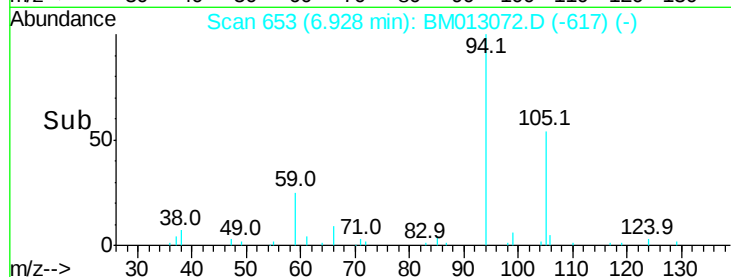
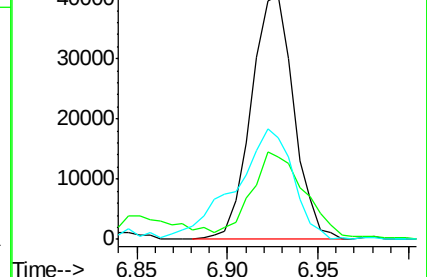
66 41.7 47.2 70.8#



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: 19.357 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

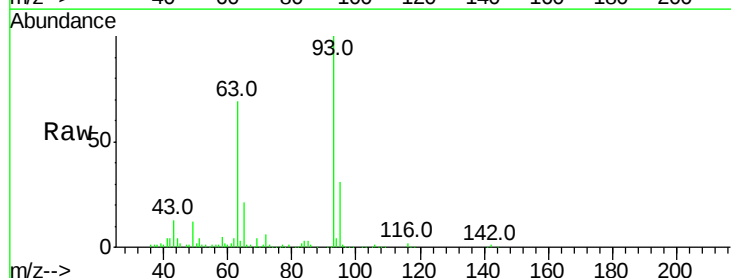
Tgt Ion: 93 Resp: 338918

Ion Ratio Lower Upper

93 100

63 68.8 57.3 85.9

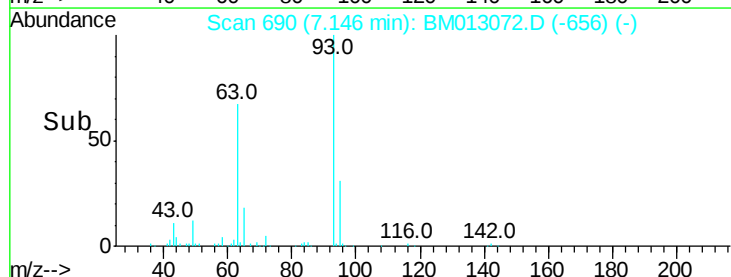
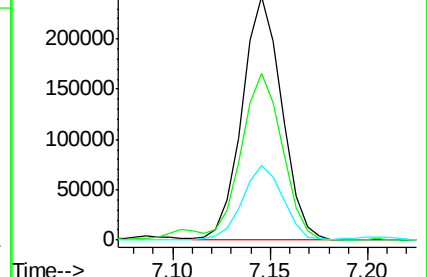
95 30.8 26.6 39.8

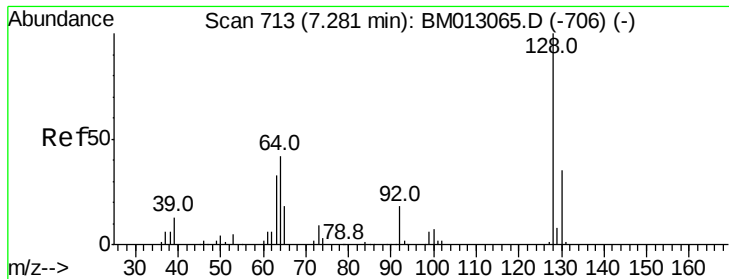


Abundance Ion 93.00 (92.70 to 93.70): BM013065.D (-684) (-)

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

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

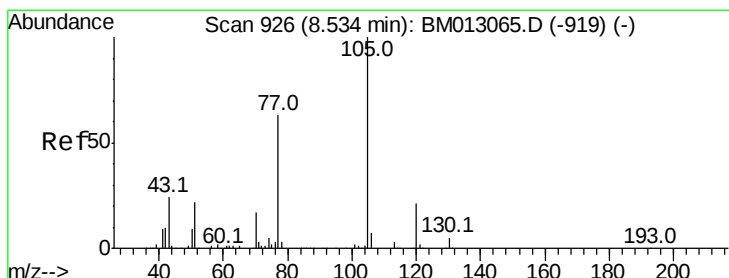
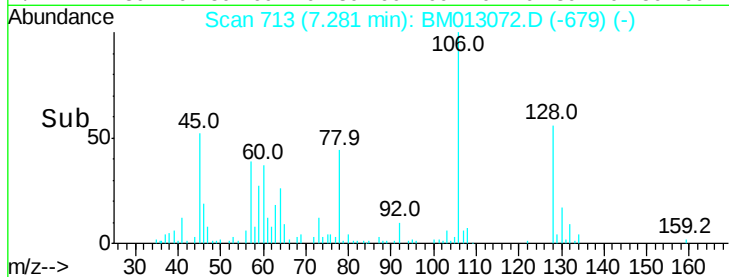
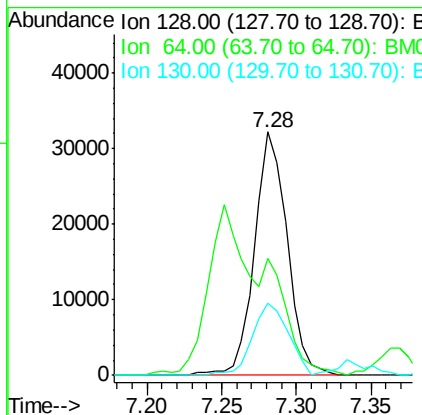
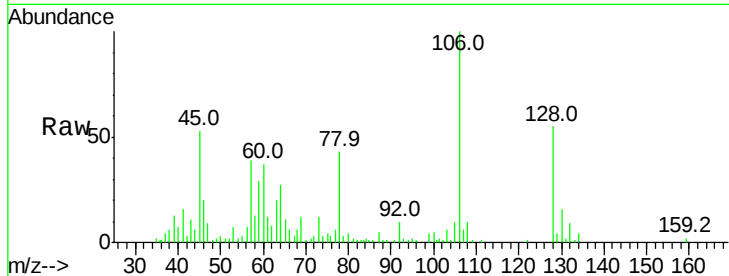




#10
2-Chlorophenol
Concen: 2.611 ng/ul
RT: 7.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BM013072.D
Acq: 21 Nov 2017 08:16

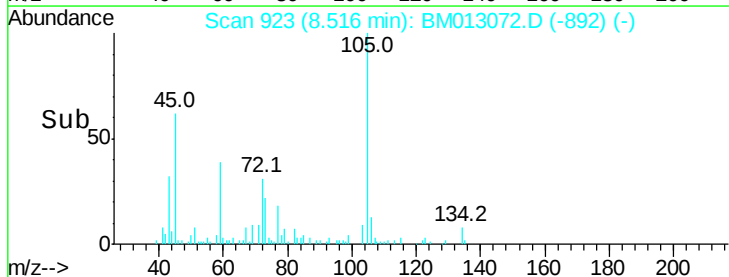
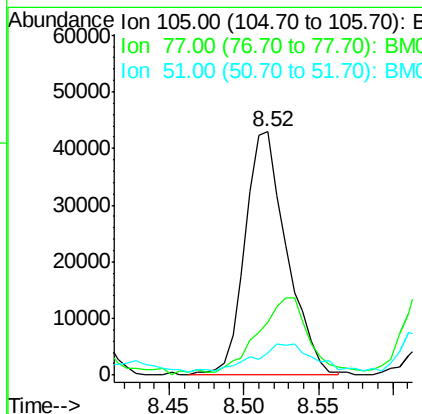
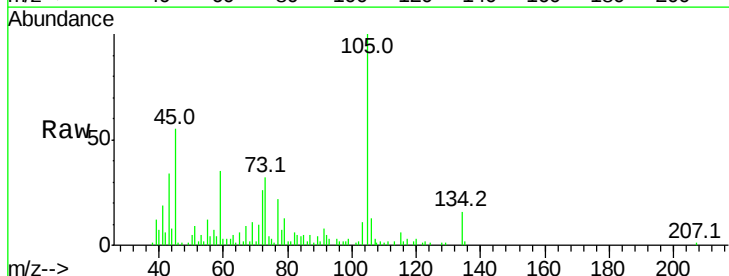
Instrument :
BNA_M
ClientSampleId :

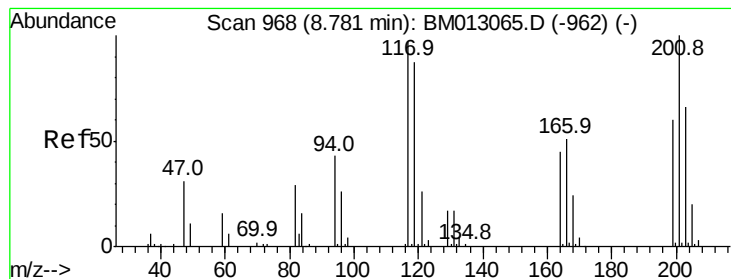
Tot Ion:128 Resp: 48673
Ion Ratio Lower Upper
128 100
64 48.2 38.0 57.0
130 29.6 24.4 36.6



#14
Acetophenone
Concen: 2.822 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM013072.D
Acq: 21 Nov 2017 08:16

Tgt Ion:105 Resp: 83465
Ion Ratio Lower Upper
105 100
77 22.0 74.2 111.4#
51 9.1 23.4 35.2#





#17

Hexachloroethane

Concen: 6.299 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. 0.04 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

Instrument :

BNA_M

ClientSampleId :

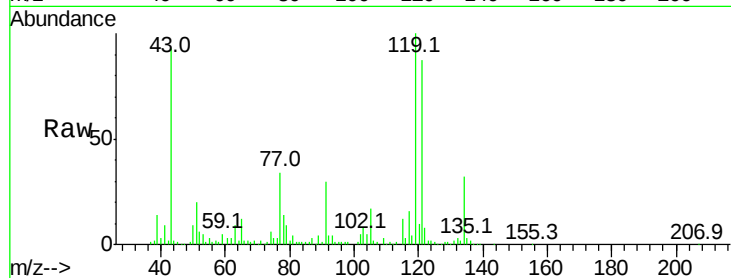
Tot Ion:117 Resp: 49720

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

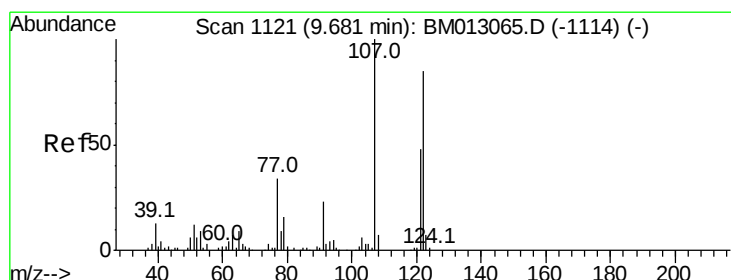
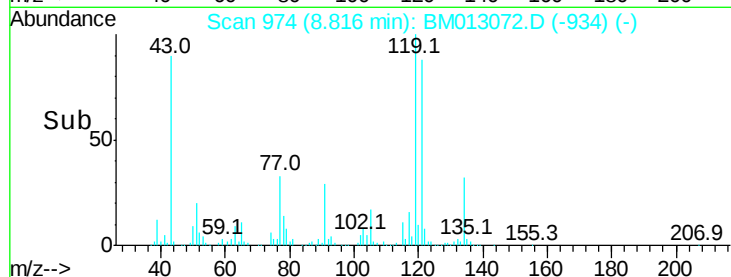
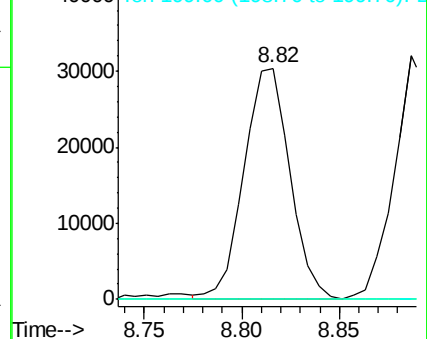
199 0.0 67.8 101.6#



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



#24

2,4-Dimethylphenol

Concen: 8.666 ng/ul

RT: 9.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

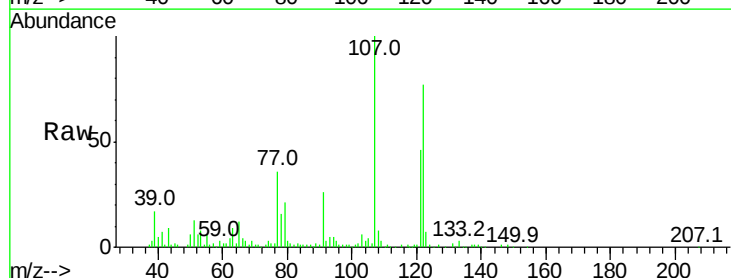
Tgt Ion:107 Resp: 192877

Ion Ratio Lower Upper

107 100

121 46.2 31.9 47.9

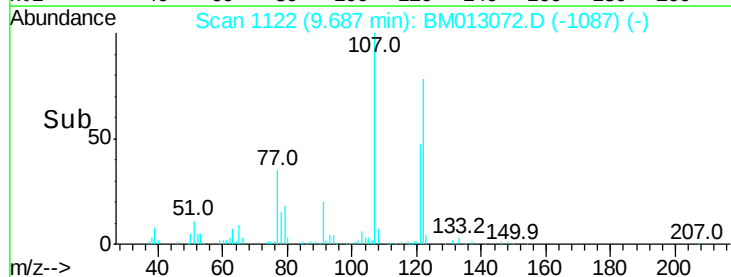
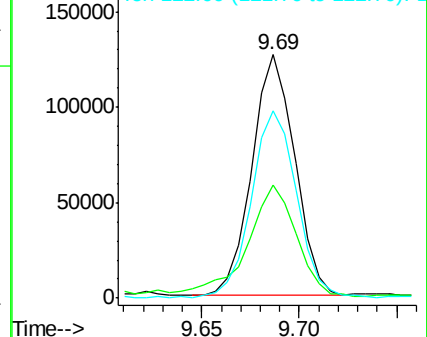
122 77.1 57.8 86.6

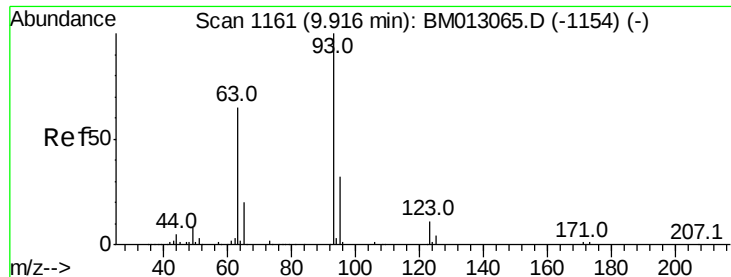


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 2.960 ng/ul

RT: 9.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

Instrument :

BNA_M

ClientSampleId :

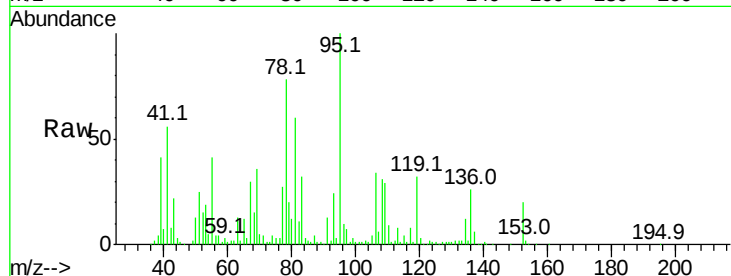
Tot Ion: 93 Resp: 71077

Ion Ratio Lower Upper

93 100

95 408.9 28.5 42.7#

123 8.2 8.9 13.3#

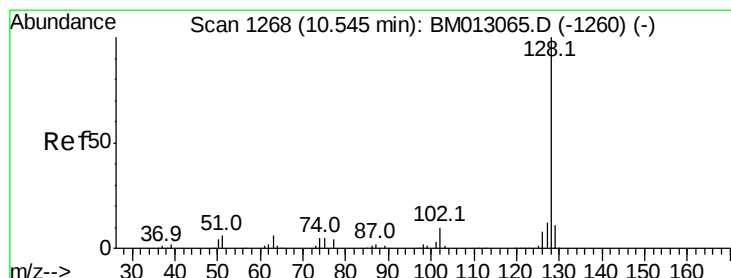
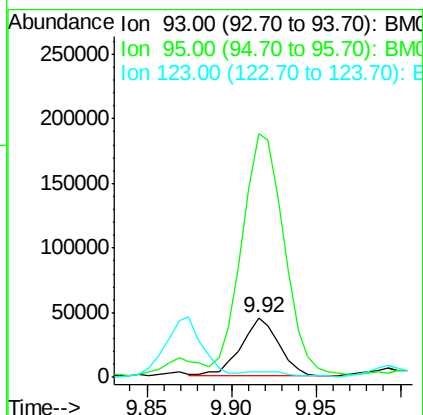
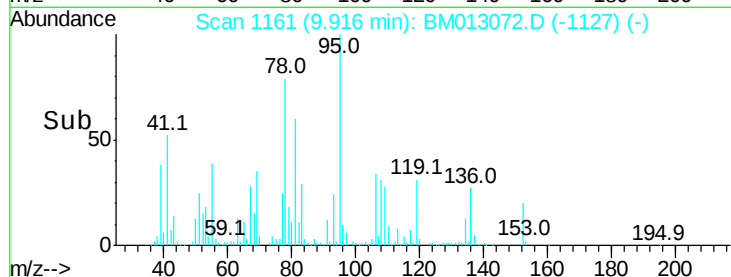


Abundance Ion 93.00 (92.70 to 93.70): BM013065.D (-1154) (-)

Ion 95.00 (94.70 to 95.70): BM013065.D (-1154) (-)

Ion 123.00 (122.70 to 123.70): BM013065.D (-1154) (-)

Time-->



#28

Naphthalene

Concen: 8.922 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BM013072.D

Acq: 21 Nov 2017 08:16

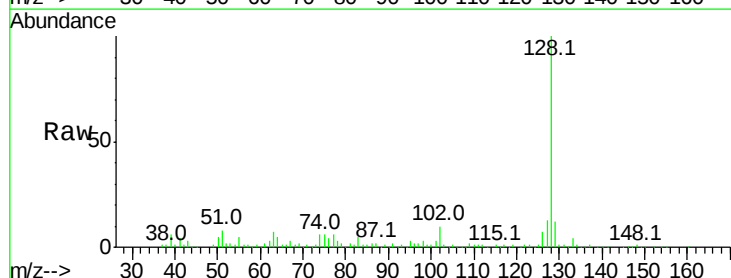
Tgt Ion:128 Resp: 527198

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 13.1 10.6 16.0

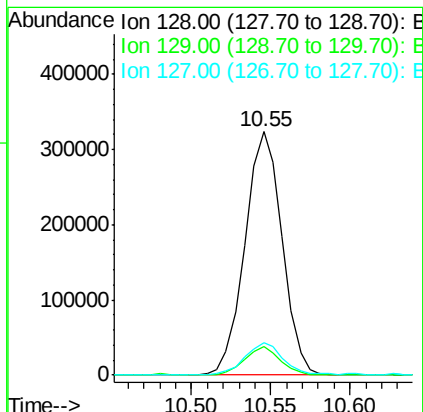
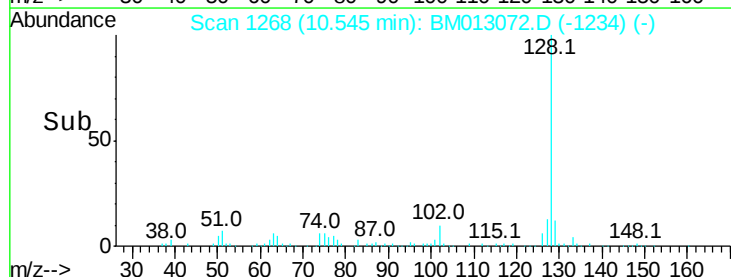


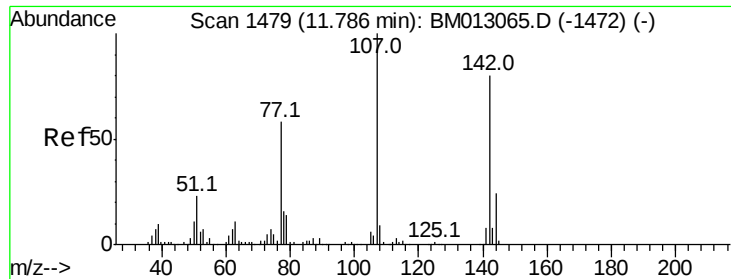
Abundance Ion 128.00 (127.70 to 128.70): BM013065.D (-1260) (-)

Ion 129.00 (128.70 to 129.70): BM013065.D (-1260) (-)

Ion 127.00 (126.70 to 127.70): BM013065.D (-1260) (-)

Time-->

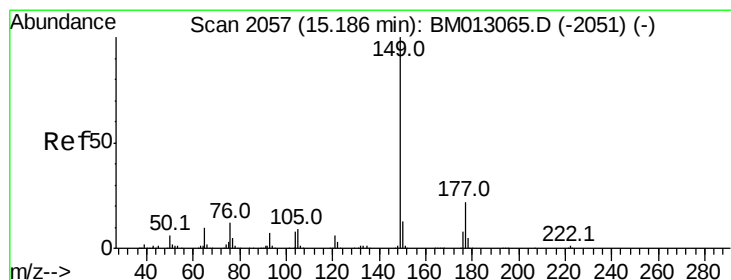
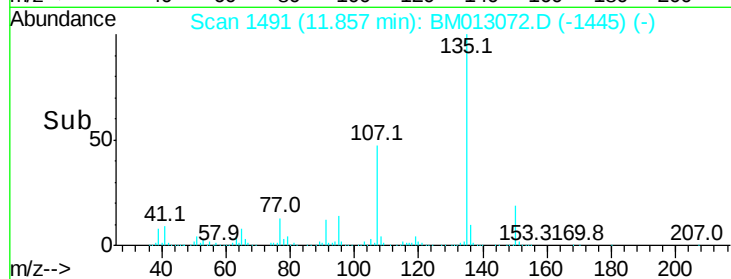
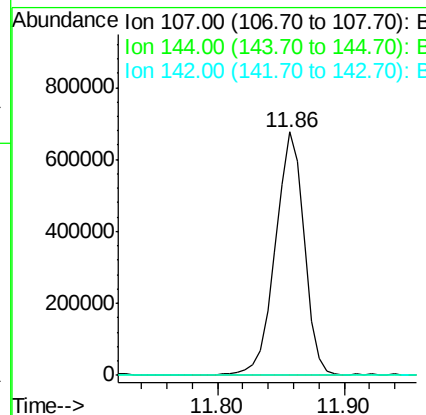
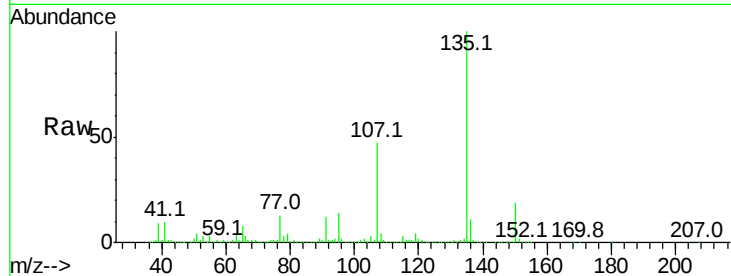




#33
4-Chloro-3-methylphenol
Concen: 54.285 ng/ul
RT: 11.86 min Scan# 1491
Delta R.T. 0.07 min
Lab File: BM013072.D
Acq: 21 Nov 2017 08:16

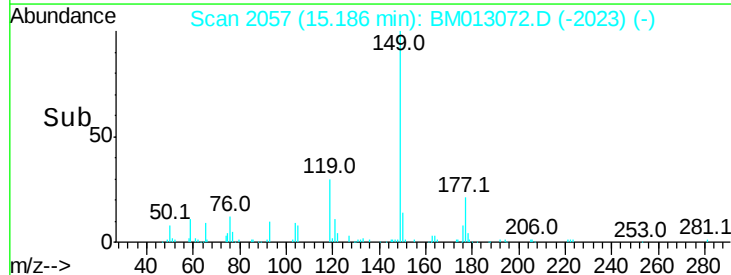
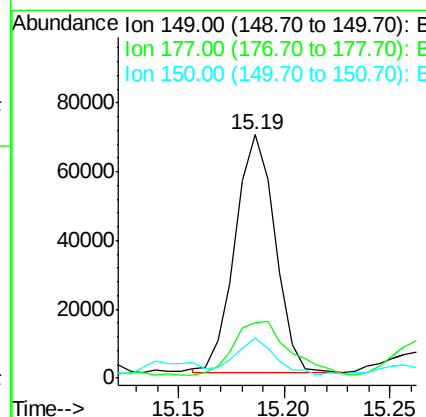
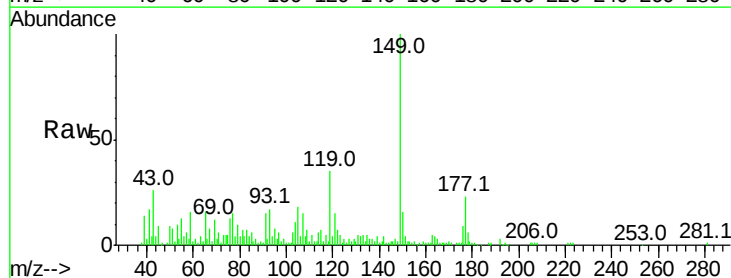
Instrument :
BNA_M
ClientSampleId :

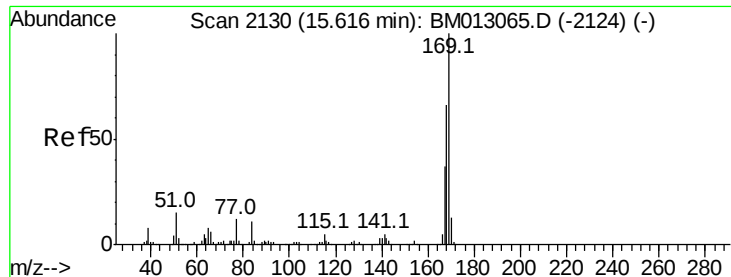
Tot Ion:107 Resp: 1060344
Ion Ratio Lower Upper
107 100
144 0.0 20.4 30.6#
142 0.0 60.5 90.7#



#56
Diethylphthalate
Concen: 1.585 ng/ul
RT: 15.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM013072.D
Acq: 21 Nov 2017 08:16

Tgt Ion:149 Resp: 90656
Ion Ratio Lower Upper
149 100
177 22.8 20.5 30.7
150 16.5 10.6 15.8#





#64
 N-Nitrosodiphenylamine
 Concen: 1.251 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM013072.D
 Acq: 21 Nov 2017 08:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.7	54.0	81.0
167	38.2	29.1	43.7

