

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004650.D
 Acq On : 17 Mar 2016 00:09
 Operator : UM/SJ
 Sample : H1783-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 02:01:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	26781	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	338322	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	178751	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	384482	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	360562	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	321000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2594	3.34	ng/uL	0.00
5) Phenol-d5	7.01	99	49400	22.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	151130	121.17	ng/ul	0.05
9) 2-Chlorophenol-d4	7.39	132	162912	91.96	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	96512	54.41	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	97917	41.62	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	100936	39.72	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	175142	35.13	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	4385	0.74	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	563766	40.34	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	700426	40.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13469	4.99	ng/ul	0.00
58) Fluorene-d10	15.47	176	485218	39.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	60407	29.90	ng/ul	0.00
71) Anthracene-d10	17.32	188	727103	41.08	ng/ul	0.00
79) Pyrene-d10	19.61	212	758028	46.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	664710	46.36	ng/ul	0.00

Target Compounds

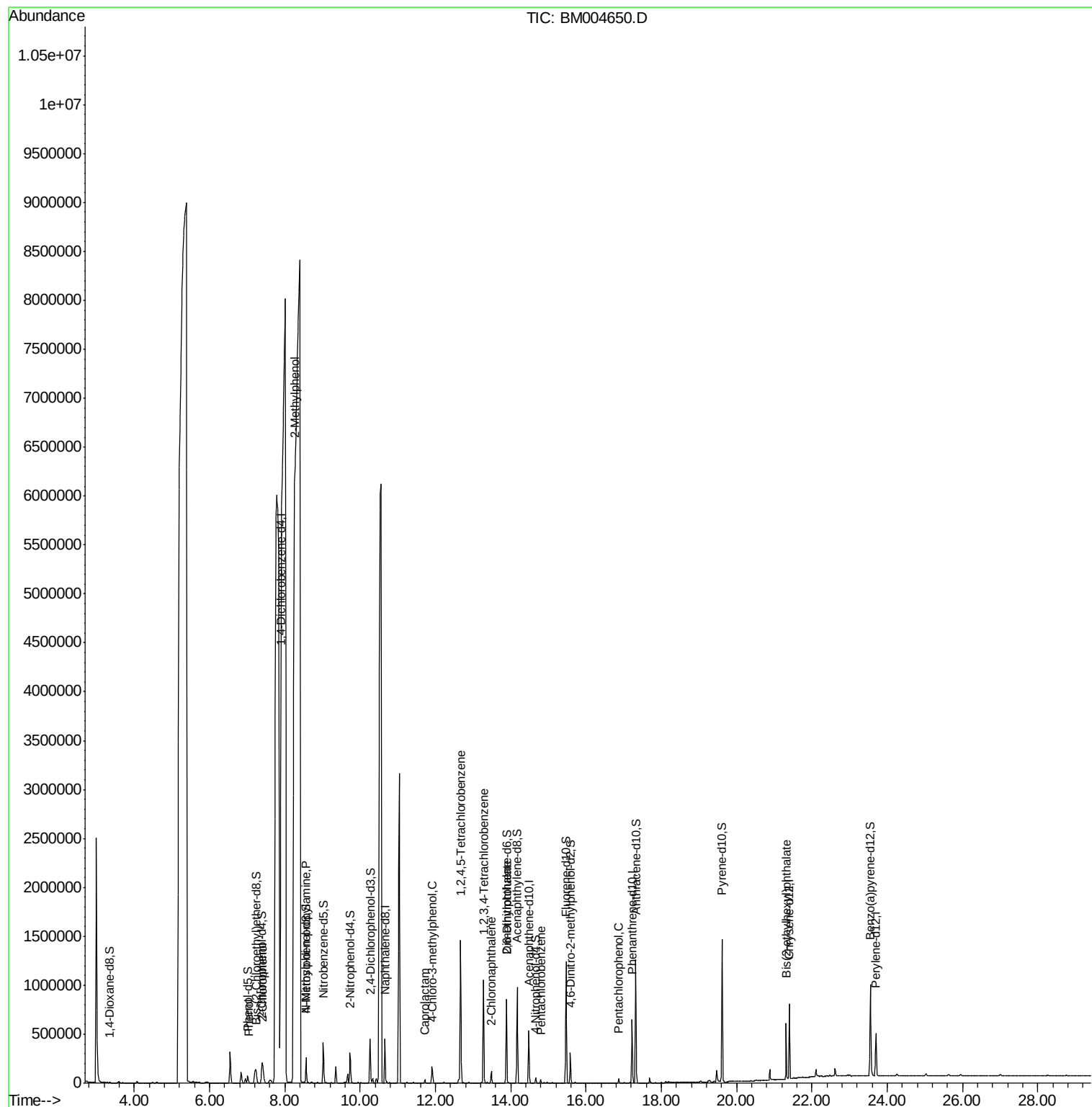
						Ovalue
6) Phenol	7.03	94	3175	1.37	ng/ul#	78
10) 2-Chlorophenol	7.42	128	49912	26.69	ng/ul#	89
11) 2-Methylphenol	8.25	108	28803	16.19	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.56	70	2274	1.62	ng/ul#	1
32) Caprolactam	11.72	113	2253	1.31	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.91	107	54087	9.31	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	476363	83.42	ng/ul	99
42) 2-Chloronaphthalene	13.48	162	39719	3.54	ng/ul#	40
46) 2,6-Dinitrotoluene	13.89	165	4090	1.62	ng/ul#	36
69) Pentachlorophenol	16.87	266	8900	3.16	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	316120	59.76	ng/uL	99
74) Pentachlorobenzene	14.79	250	10564	2.07	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.32	149	189055	15.22	ng/ul	98

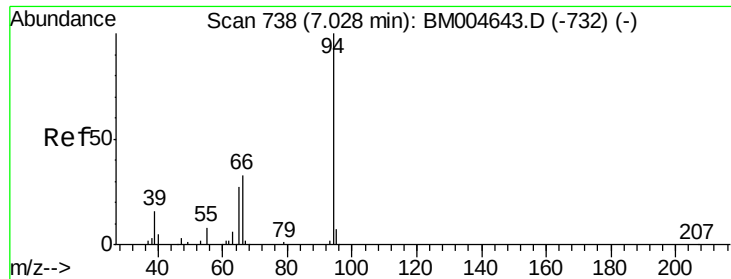
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.37 ng/ul

RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM004650.D

Acq: 17 Mar 2016 00:09

Instrument :

BNA_M

ClientSampled :

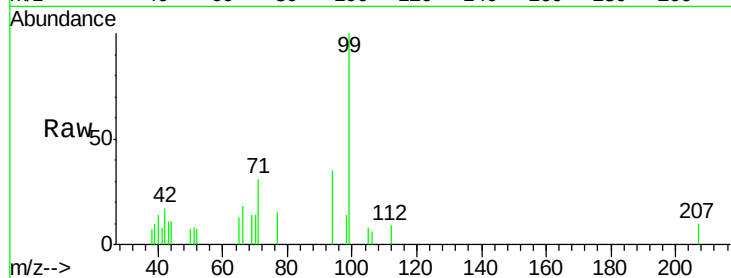
Tot Ion: 94 Resp: 3175

Ion Ratio Lower Upper

94 100

65 35.9 21.0 31.6#

66 50.7 29.3 43.9#

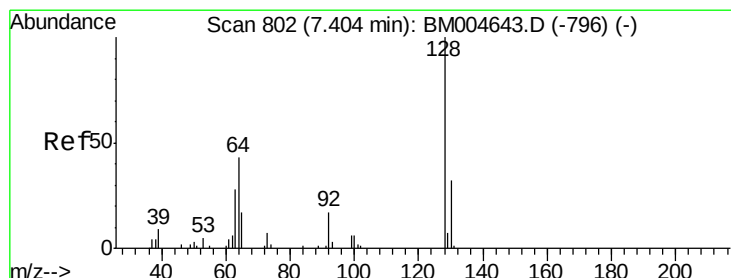
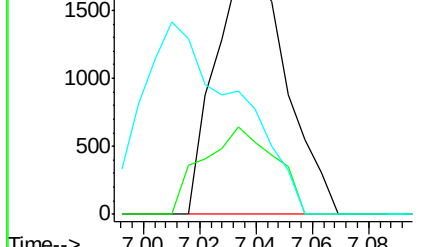
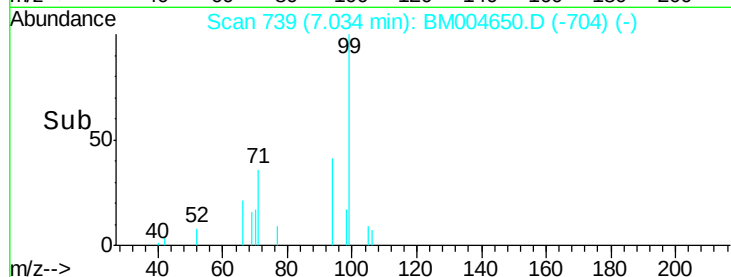


Abundance Ion 94.00 (93.70 to 94.70): BM004643.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM004643.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM004643.D (-732) (-)

Time-->



#10

2-Chlorophenol

Concen: 26.69 ng/ul

RT: 7.42 min Scan# 805

Delta R.T. 0.02 min

Lab File: BM004650.D

Acq: 17 Mar 2016 00:09

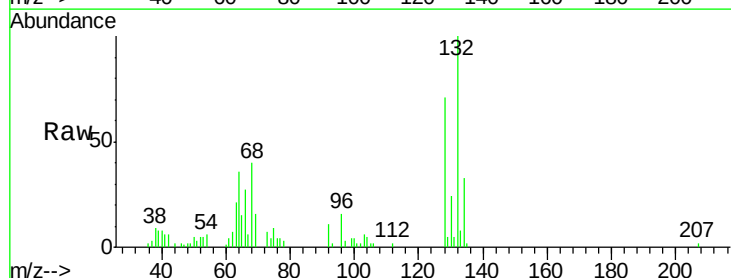
Tgt Ion: 128 Resp: 49912

Ion Ratio Lower Upper

128 100

64 51.3 31.9 47.9#

130 33.0 25.6 38.4

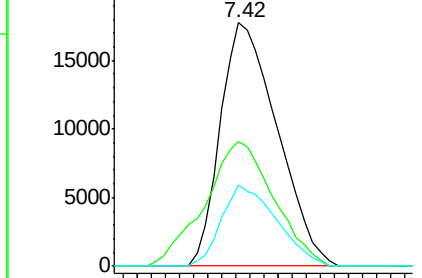
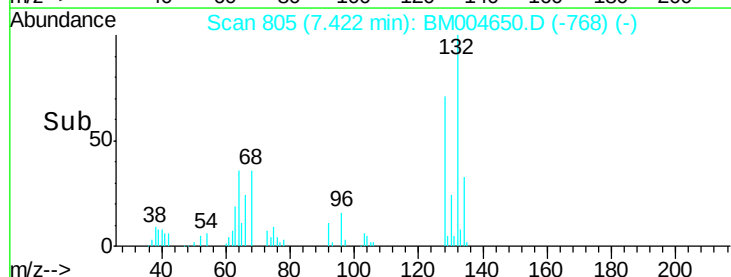


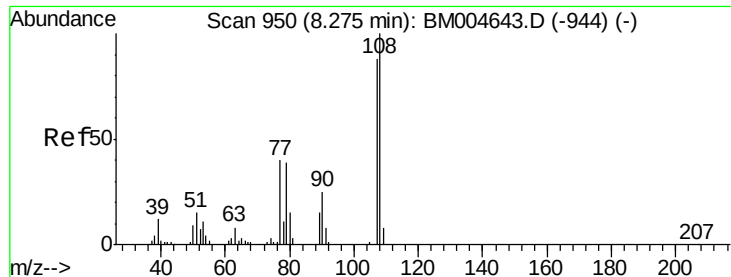
Abundance Ion 128.00 (127.70 to 128.70): BM004643.D (-796) (-)

Ion 64.00 (63.70 to 64.70): BM004643.D (-796) (-)

Ion 130.00 (129.70 to 130.70): BM004643.D (-796) (-)

Time-->

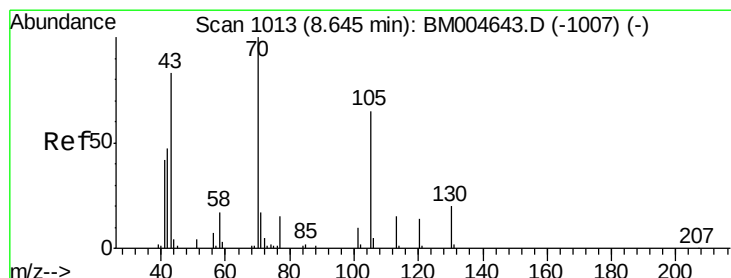
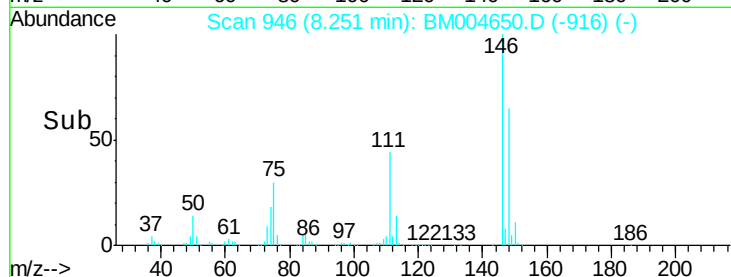
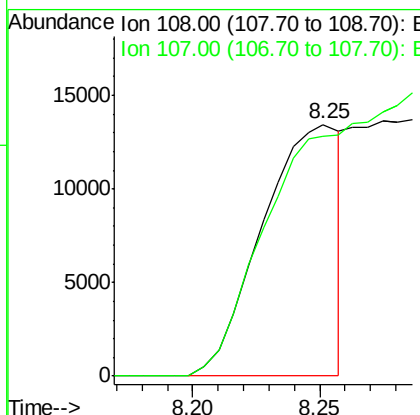
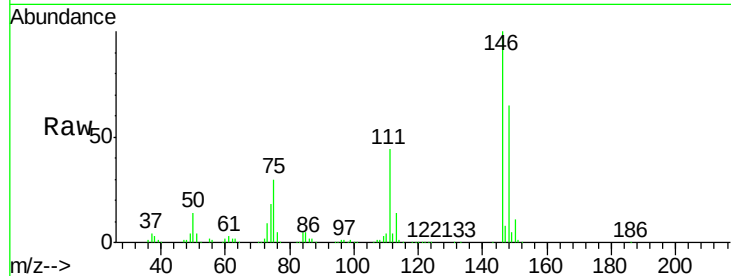




#11
2-Methylphenol
Concen: 16.19 ng/ul
RT: 8.25 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

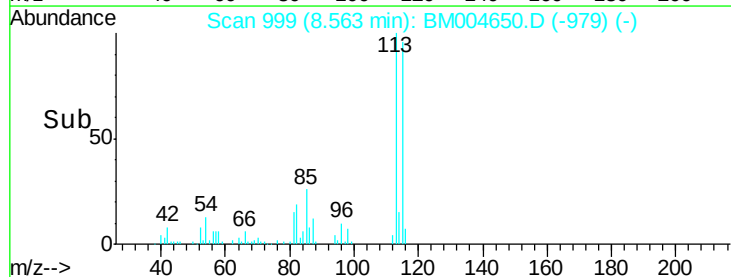
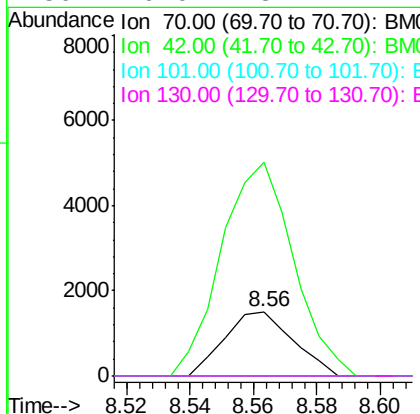
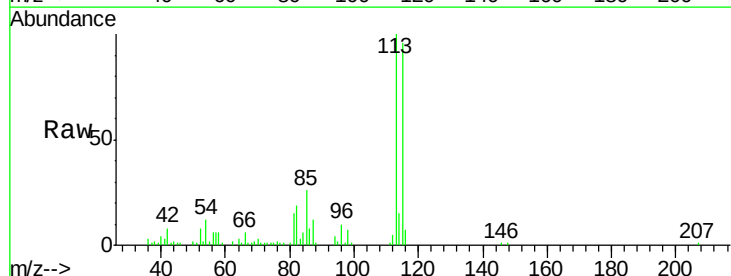
Instrument :
BNA_M
ClientSampleId :

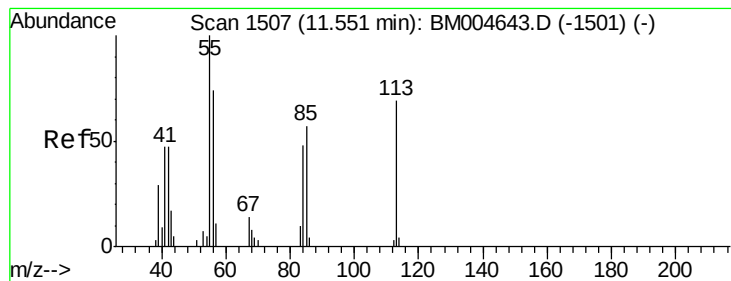
Tot Ion:108 Resp: 28803
Ion Ratio Lower Upper
108 100
107 95.1 72.4 108.6



#15
N-Nitroso-di-n-propylamine
Concen: 1.62 ng/ul
RT: 8.56 min Scan# 999
Delta R.T. -0.08 min
Lab File: BM004650.D
Acq: 17 Mar 2016 00:09

Tgt Ion: 70 Resp: 2274
Ion Ratio Lower Upper
70 100
42 331.4 35.4 53.0#
101 0.0 8.4 12.6#
130 0.0 18.2 27.4#





#32

Caprolactam

Concen: 1.31 ng/ul

RT: 11.72 min Scan# 1536

Delta R.T. 0.17 min

Lab File: BM004650.D

Acq: 17 Mar 2016 00:09

Instrument :

BNA_M

ClientSampleId :

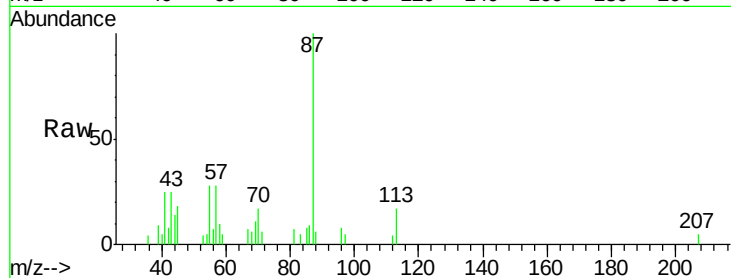
Tot Ion:113 Resp: 2253

Ion Ratio Lower Upper

113 100

55 162.8 101.9 152.9#

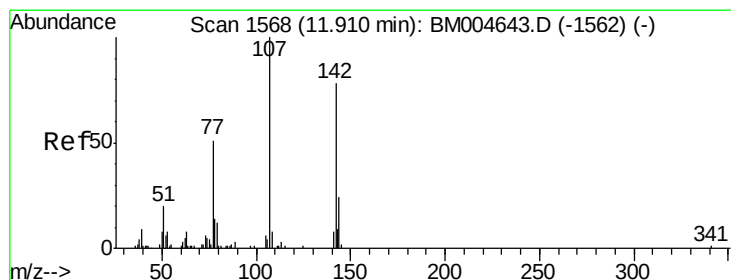
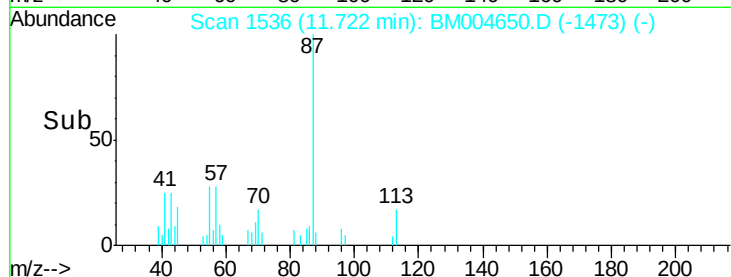
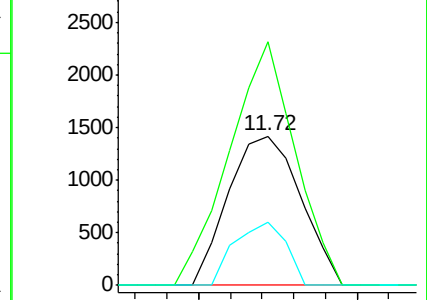
56 41.8 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 9.31 ng/ul

RT: 11.91 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BM004650.D

Acq: 17 Mar 2016 00:09

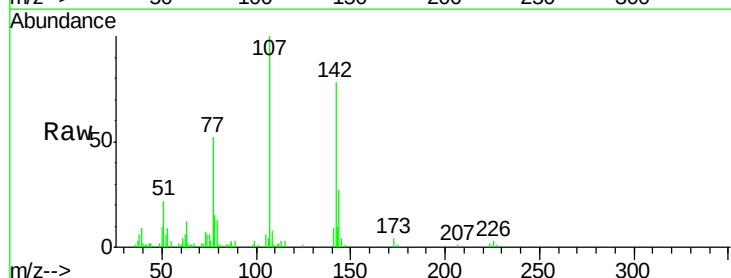
Tgt Ion:107 Resp: 54087

Ion Ratio Lower Upper

107 100

144 26.9 20.4 30.6

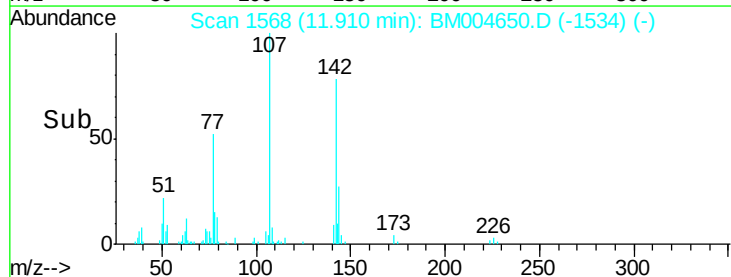
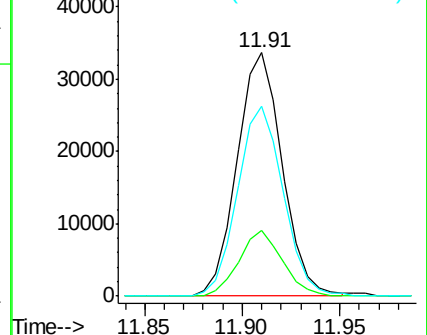
142 78.1 62.5 93.7

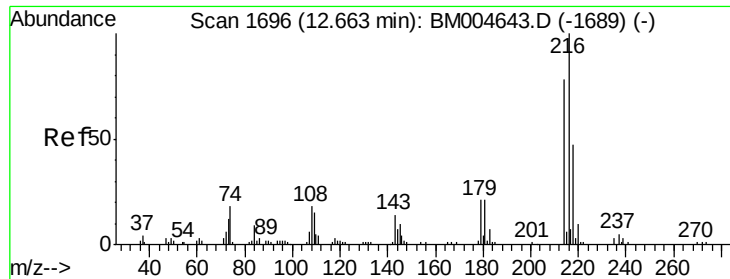


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

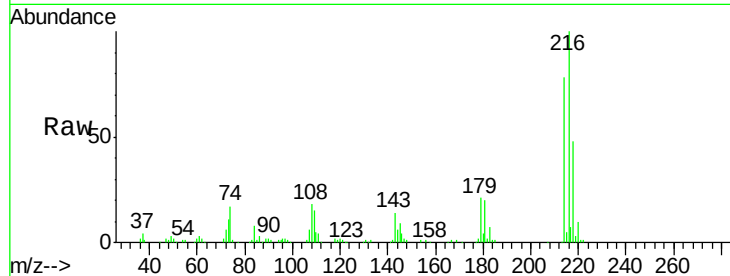




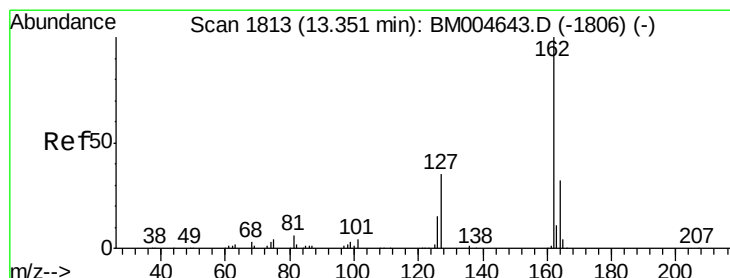
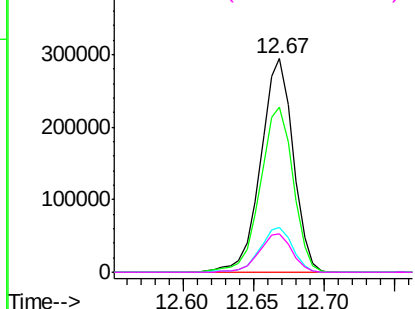
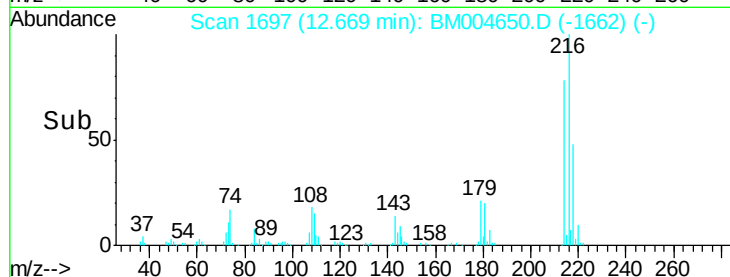
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 83.42 ng/ul
 RT: 12.67 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	476363
Ion	Ratio	Lower Upper
216	100	
214	77.6	62.5 93.7
179	21.1	18.2 27.2
108	17.7	14.2 21.2

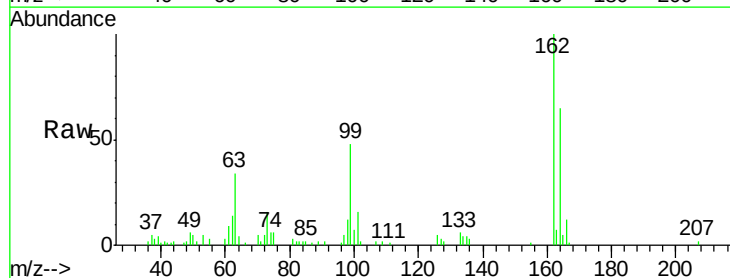


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

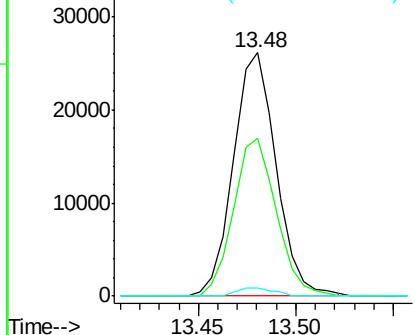
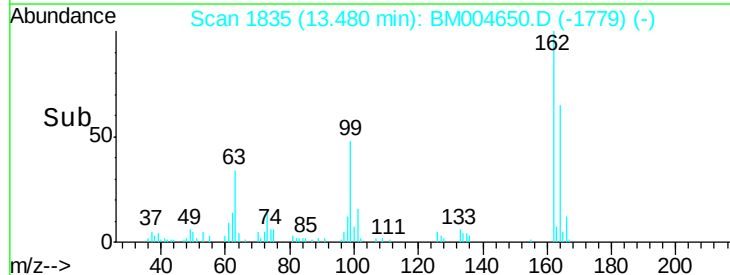


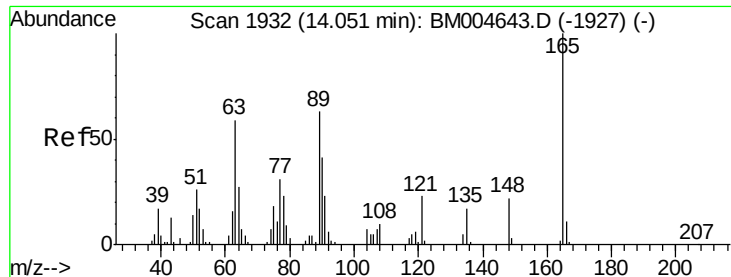
#42
 2-Chloronaphthalene
 Concen: 3.54 ng/ul
 RT: 13.48 min Scan# 1835
 Delta R.T. 0.13 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

Tgt Ion:162	Resp:	39719
Ion	Ratio	Lower Upper
162	100	
164	64.6	25.9 38.9#
127	3.3	34.1 51.1#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

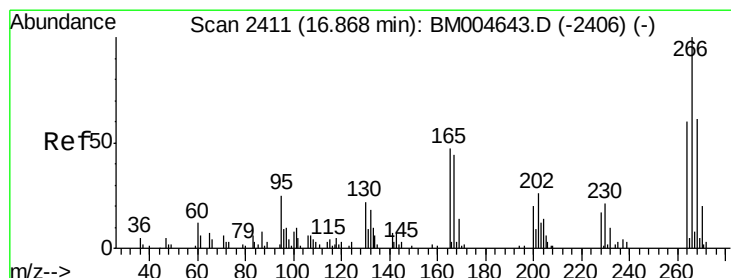
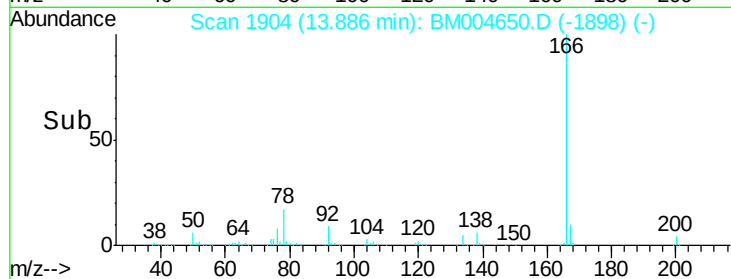
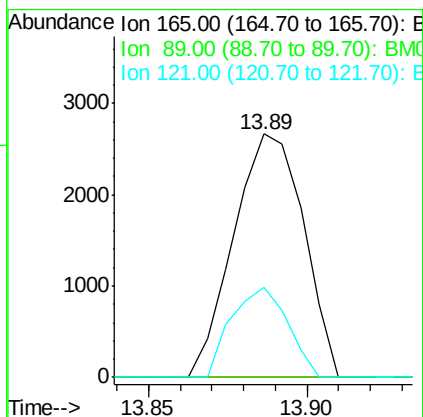
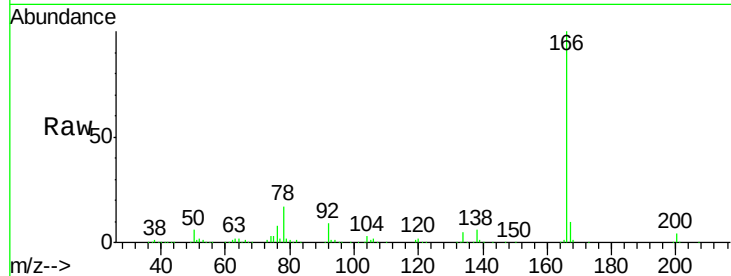




#46
 2,6-Dinitrotoluene
 Concen: 1.62 ng/ul
 RT: 13.89 min Scan# 1904
 Delta R.T. -0.16 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

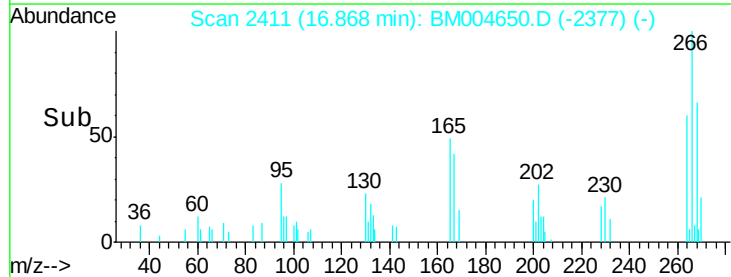
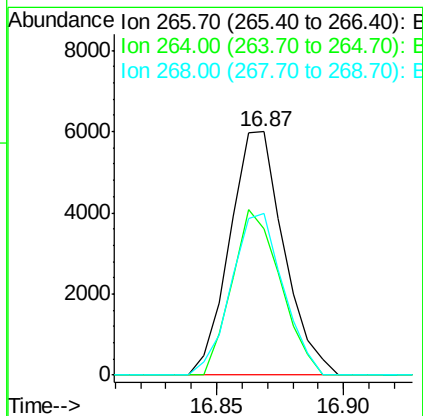
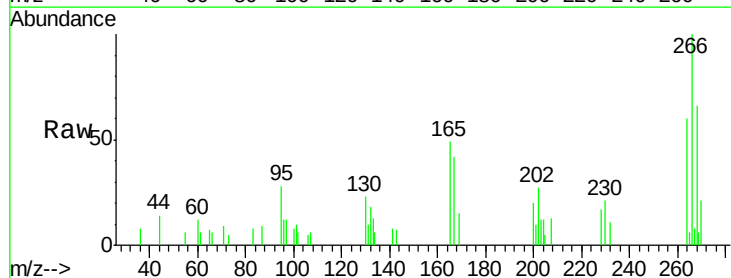
Instrument :
 BNA_M
 ClientSampleId :

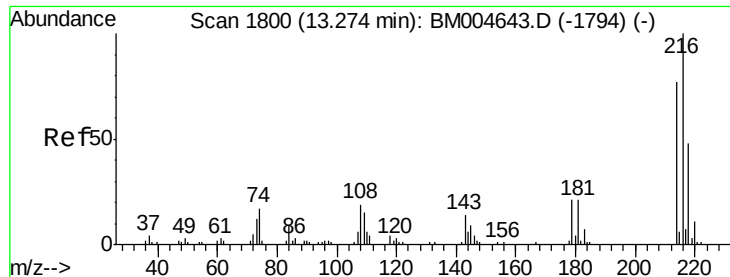
Tot Ion:165 Resp: 4090
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 37.1 16.6 24.8#



#69
 Pentachlorophenol
 Concen: 3.16 ng/ul
 RT: 16.87 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

Tgt Ion:266 Resp: 8900
 Ion Ratio Lower Upper
 266 100
 264 60.0 50.5 75.7
 268 66.2 50.9 76.3

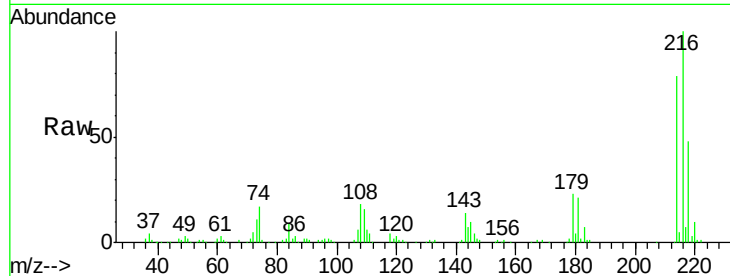




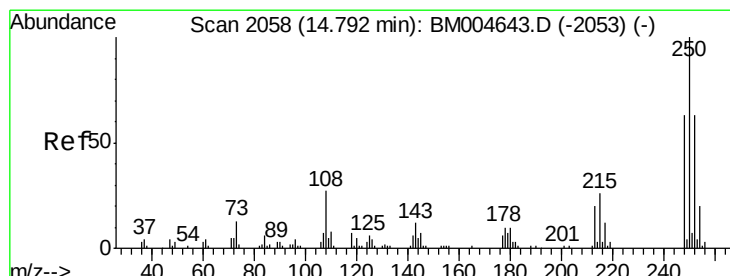
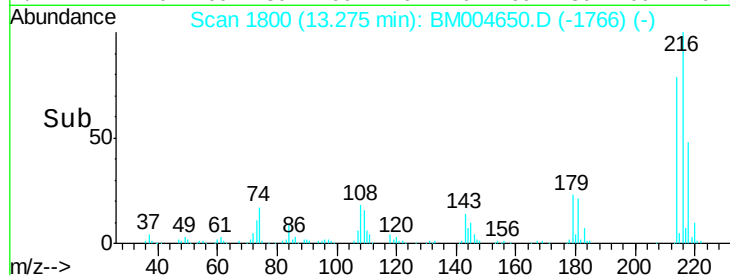
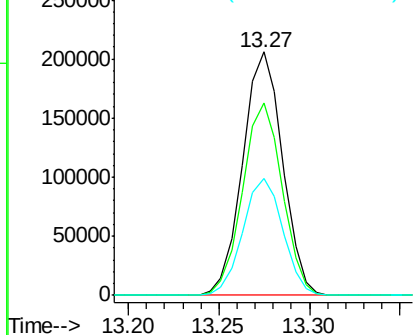
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 59.76 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 316120
 Ion Ratio Lower Upper
 216 100
 214 79.0 62.5 93.7
 218 48.2 38.4 57.6

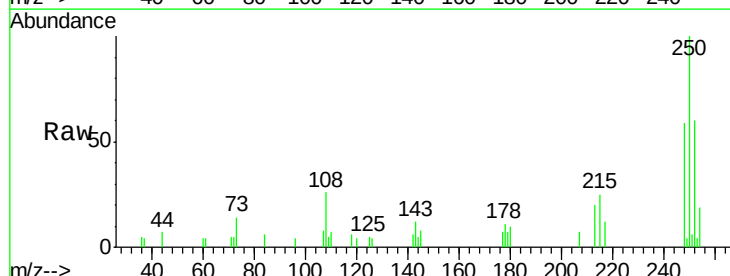


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

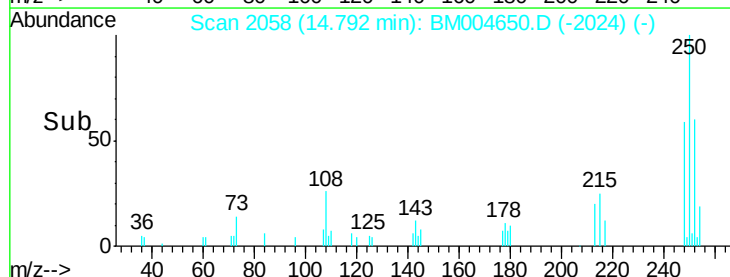
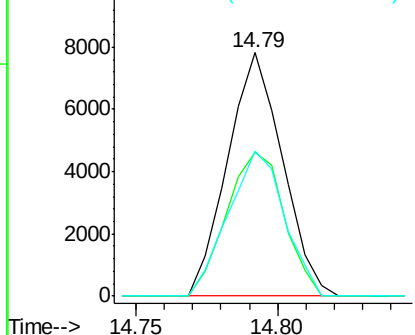


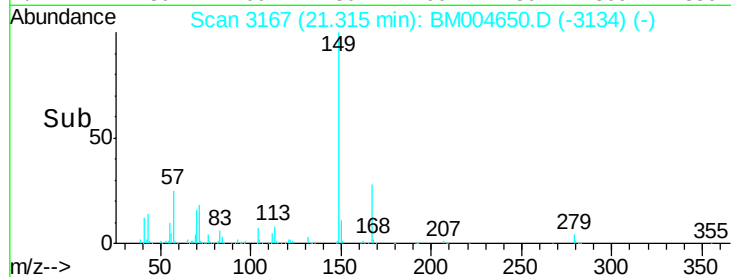
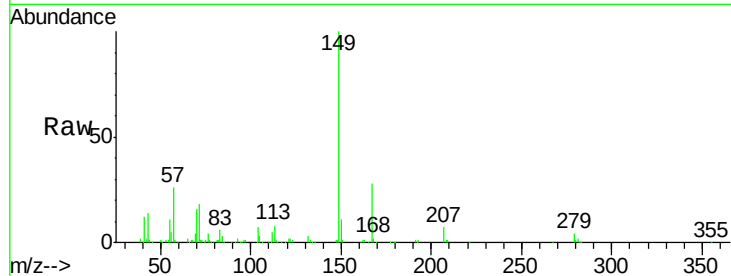
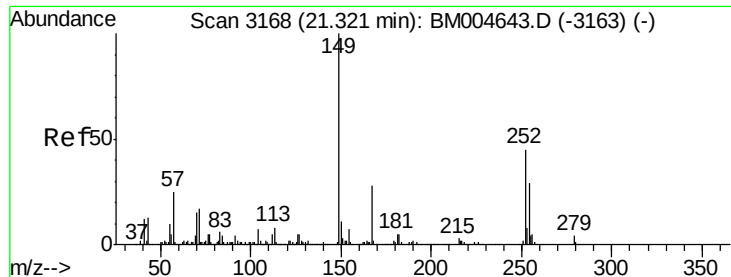
#74
 Pentachlorobenzene
 Concen: 2.07 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BM004650.D
 Acq: 17 Mar 2016 00:09

Tgt Ion:250 Resp: 10564
 Ion Ratio Lower Upper
 250 100
 248 59.2 50.6 75.8
 252 59.7 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.22 ng/ul

RT: 21.32 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BM004650.D

Acq: 17 Mar 2016 00:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 189055

Ion Ratio Lower Upper

149 100

167 28.3 21.6 32.4

279 3.9 3.0 4.4

