

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004667.D
 Acq On : 17 Mar 2016 15:32
 Operator : UM/SJ
 Sample : H1783-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:07:35 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	31218	20.00	ng/ul	0.03
18) Naphthalene-d8	10.65	136	290745	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	154846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	346119	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	379784	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	1956	2.16	ng/uL	0.00
5) Phenol-d5	7.00	99	37754	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	113819	78.28	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	125834	60.93	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	74534	36.04	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	76293	37.73	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	81562	37.35	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	136735	31.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	4180	0.82	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	441507	36.47	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	559217	37.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	12301	5.26	ng/ul	0.00
58) Fluorene-d10	15.47	176	385407	36.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	51228	28.16	ng/ul	0.00
71) Anthracene-d10	17.32	188	598010	37.53	ng/ul	0.00
79) Pyrene-d10	19.62	212	668424	38.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	666951	41.88	ng/ul	0.00

Target Compounds

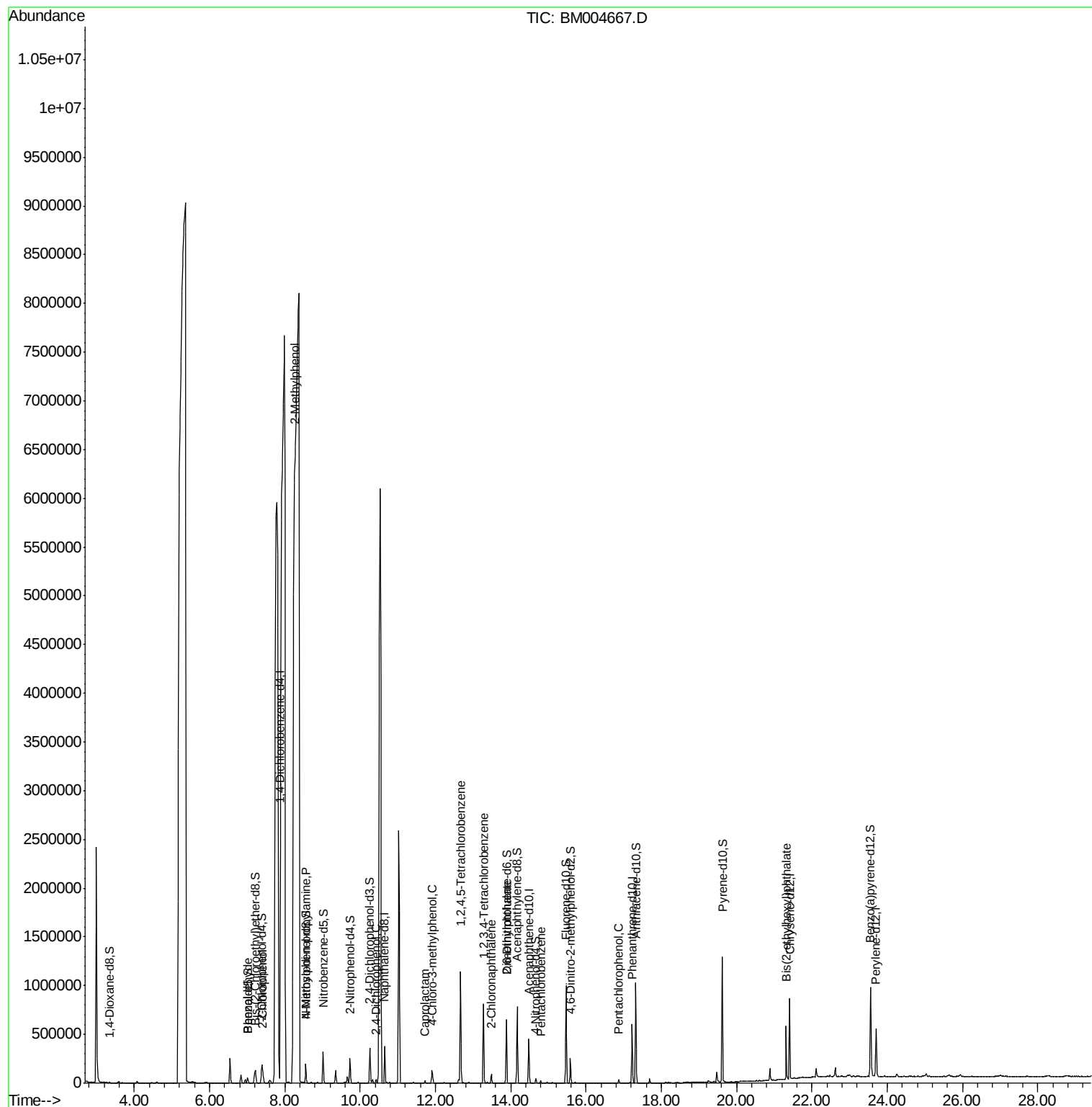
						Ovalue
4) Benzaldehyde	7.02	77	1560	1.10	ng/ul#	35
10) 2-Chlorophenol	7.42	128	38134	17.49	ng/ul	93
11) 2-Methylphenol	8.26	108	39952	19.26	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.55	70	1734	1.06	ng/ul#	1
27) 2,4-Dichlorophenol	10.42	162	12323	2.79	ng/ul	96
32) Caprolactam	11.72	113	1647	1.11	ng/ul#	70
33) 4-Chloro-3-methylphenol	11.91	107	42854	8.58	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	376069	76.02	ng/ul	98
42) 2-Chloronaphthalene	13.48	162	31928	3.28	ng/ul#	41
46) 2,6-Dinitrotoluene	13.89	165	3115	1.42	ng/ul#	38
69) Pentachlorophenol	16.87	266	7729	3.05	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	249354	52.36	ng/uL	100
74) Pentachlorobenzene	14.79	250	8550	1.86	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.31	149	183690	14.04	ng/ul	98

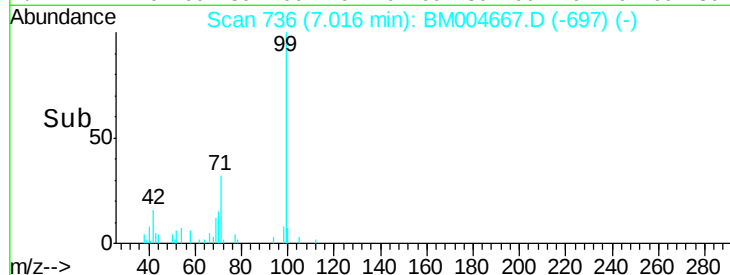
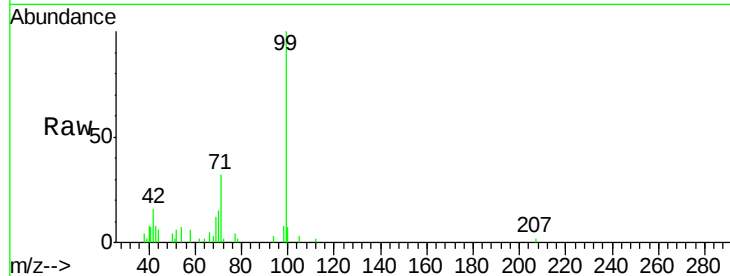
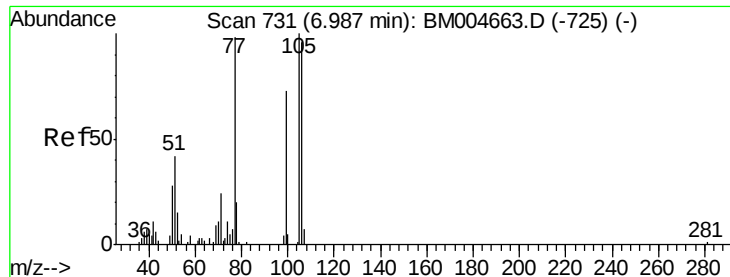
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.10 ng/ul

RT: 7.02 min Scan# 736

Delta R.T. 0.03 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

Instrument :

BNA_M

ClientSampled :

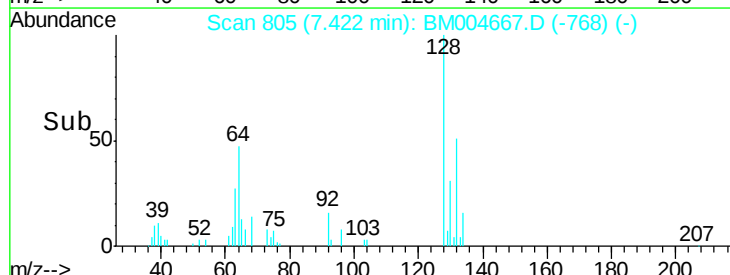
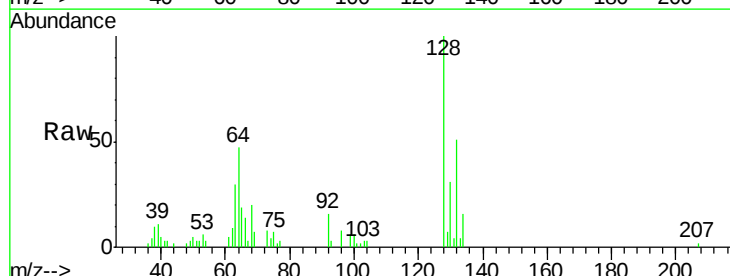
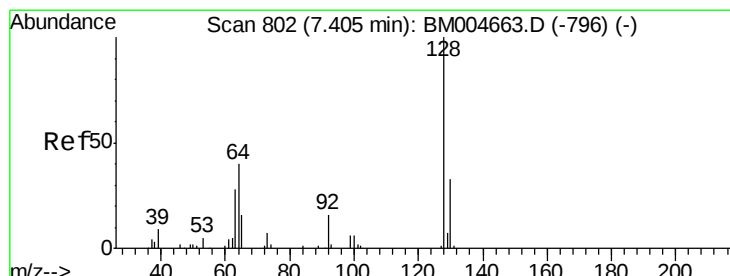
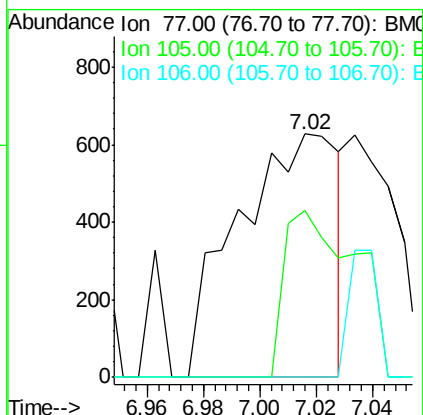
Tot Ion: 77 Resp: 1560

Ion Ratio Lower Upper

77 100

105 68.3 80.6 120.8#

106 0.0 77.7 116.5#



#10

2-Chlorophenol

Concen: 17.49 ng/ul

RT: 7.42 min Scan# 805

Delta R.T. 0.02 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

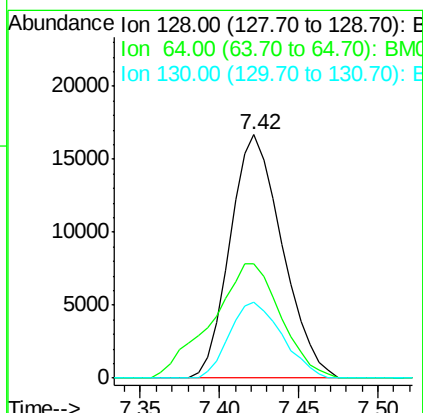
Tgt Ion: 128 Resp: 38134

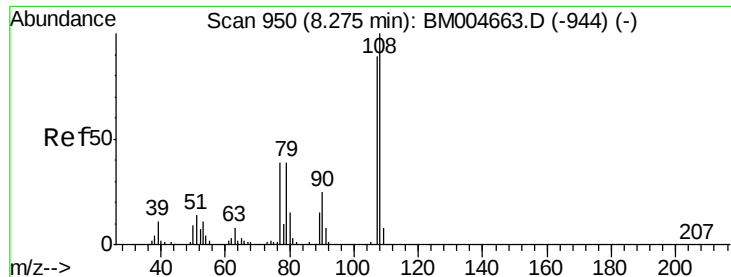
Ion Ratio Lower Upper

128 100

64 47.0 31.9 47.9

130 31.0 25.6 38.4

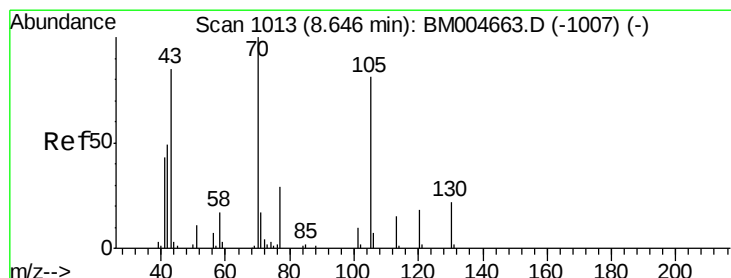
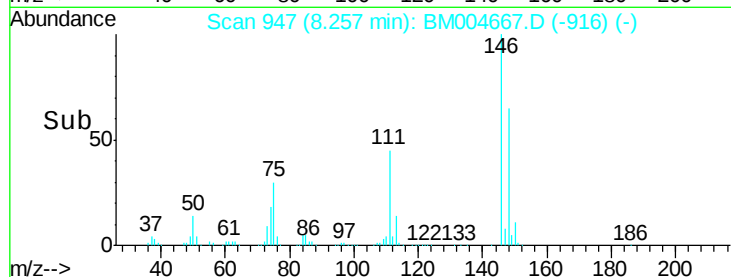
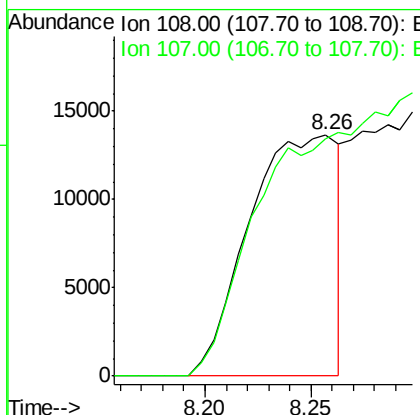
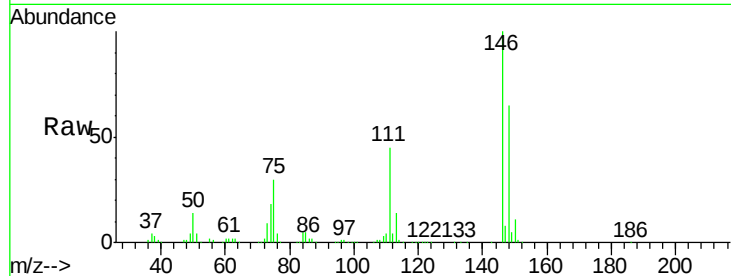




#11
2-Methylphenol
Concen: 19.26 ng/ul
RT: 8.26 min Scan# 947
Delta R.T. -0.02 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

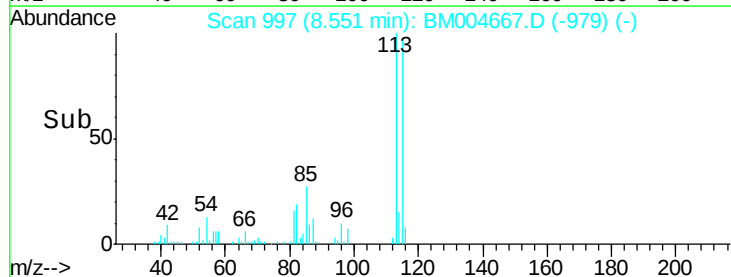
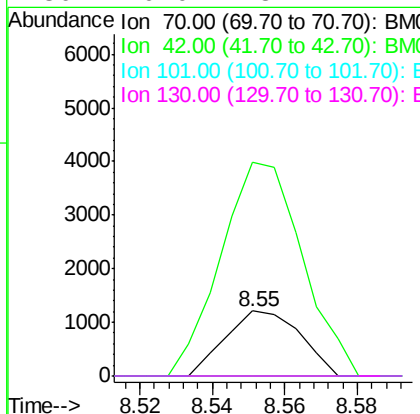
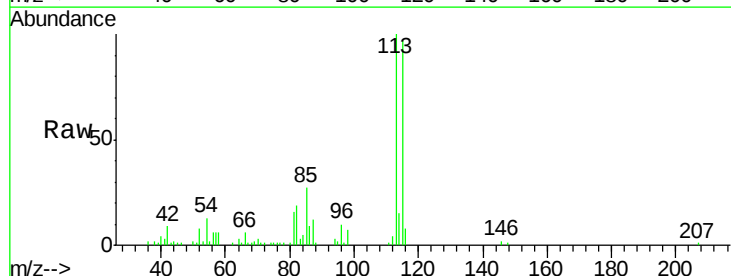
Instrument :
BNA_M
ClientSampleId :

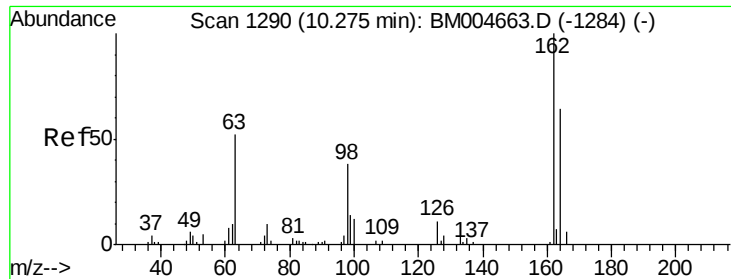
Tot Ion: 108 Resp: 39952
Ion Ratio Lower Upper
108 100
107 98.5 72.4 108.6



#15
N-Nitroso-di-n-propylamine
Concen: 1.06 ng/ul
RT: 8.55 min Scan# 997
Delta R.T. -0.09 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion: 70 Resp: 1734
Ion Ratio Lower Upper
70 100
42 329.5 35.4 53.0#
101 0.0 8.4 12.6#
130 0.0 18.2 27.4#





#27

2,4-Dichlorophenol

Concen: 2.79 ng/ul

RT: 10.42 min Scan# 1315

Delta R.T. 0.15 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

Instrument :

BNA_M

ClientSampleId :

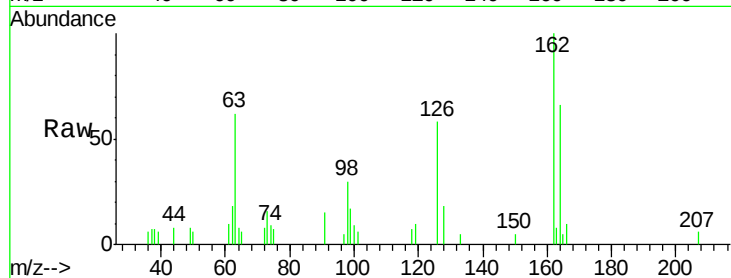
Tot Ion:162 Resp: 12323

Ion Ratio Lower Upper

162 100

164 66.3 52.1 78.1

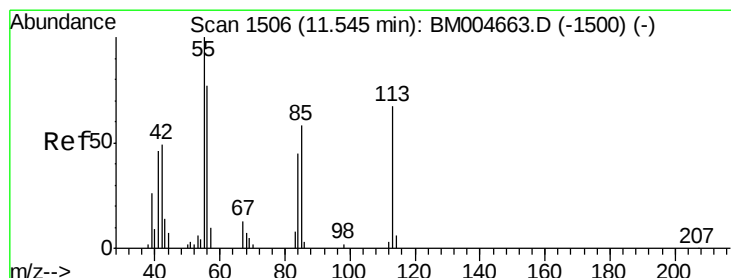
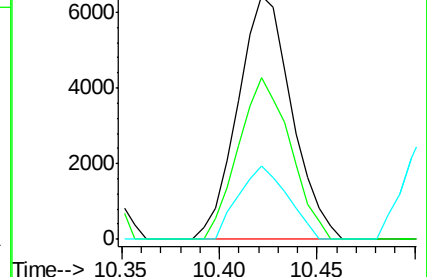
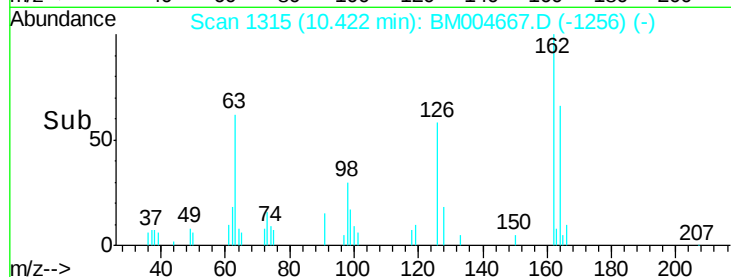
98 30.1 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#32

Caprolactam

Concen: 1.11 ng/ul

RT: 11.72 min Scan# 1536

Delta R.T. 0.18 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

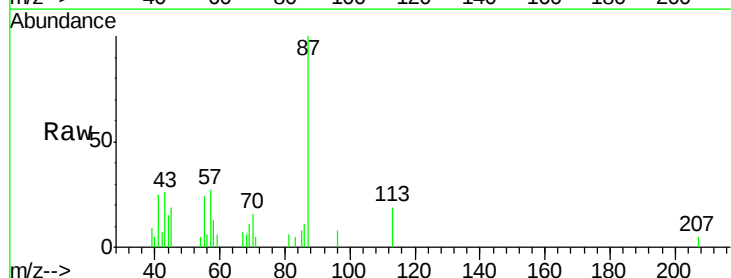
Tgt Ion:113 Resp: 1647

Ion Ratio Lower Upper

113 100

55 126.9 101.9 152.9

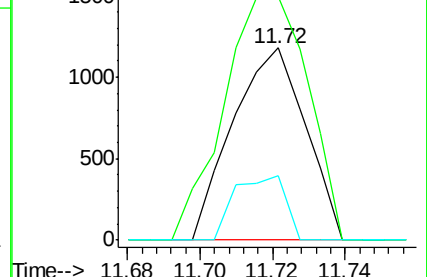
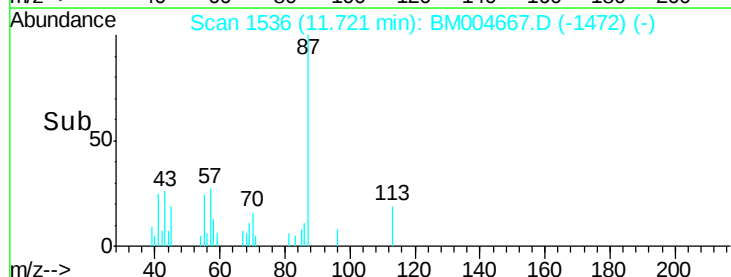
56 33.3 81.2 121.8#

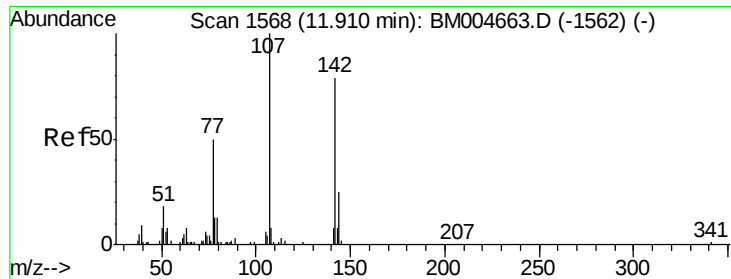


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

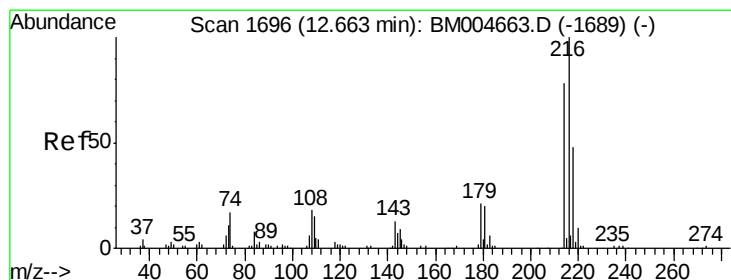
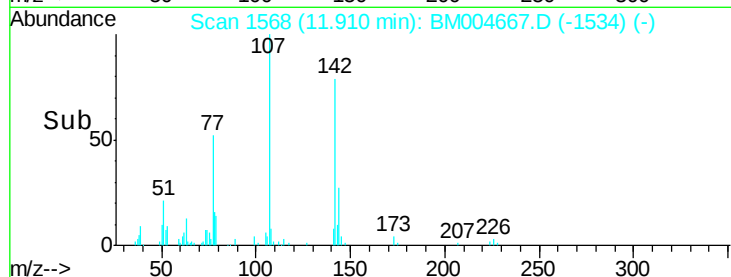
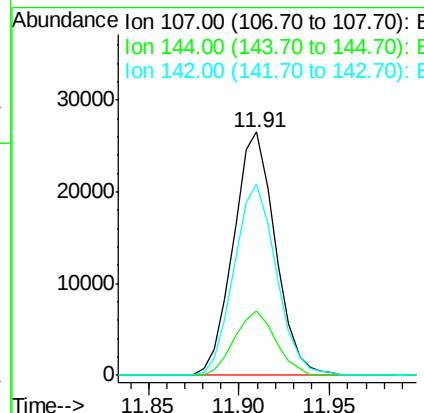
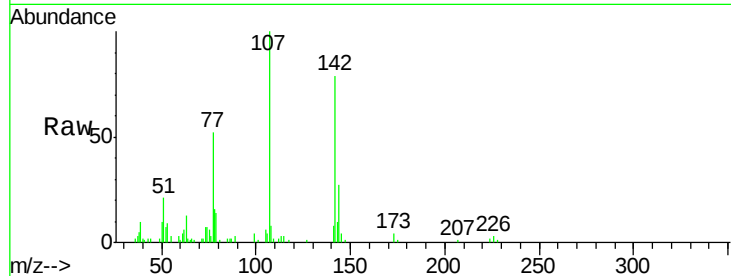




#33
4-Chloro-3-methylphenol
Concen: 8.58 ng/ul
RT: 11.91 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

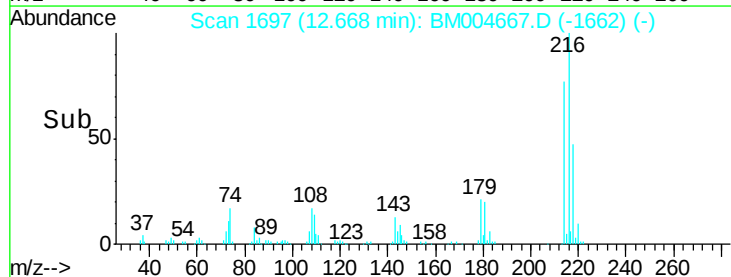
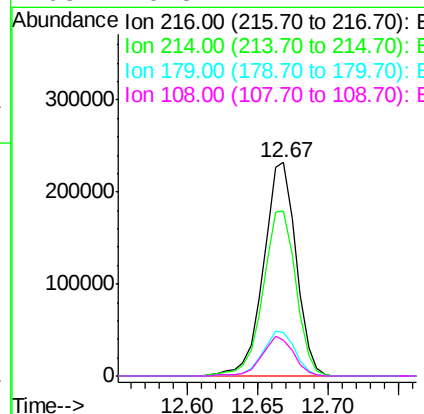
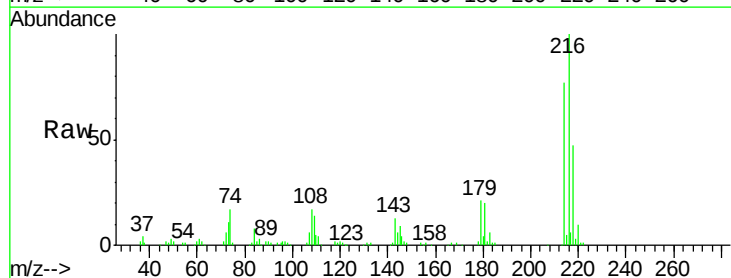
Instrument :
BNA_M
ClientSampleId :

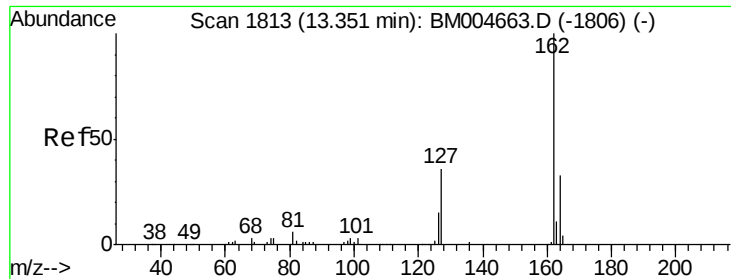
Tot Ion:107 Resp: 42854
Ion Ratio Lower Upper
107 100
144 26.6 20.4 30.6
142 78.5 62.5 93.7



#37
1,2,4,5-Tetrachlorobenzene
Concen: 76.02 ng/ul
RT: 12.67 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion:216 Resp: 376069
Ion Ratio Lower Upper
216 100
214 77.4 62.5 93.7
179 20.7 18.2 27.2
108 16.8 14.2 21.2

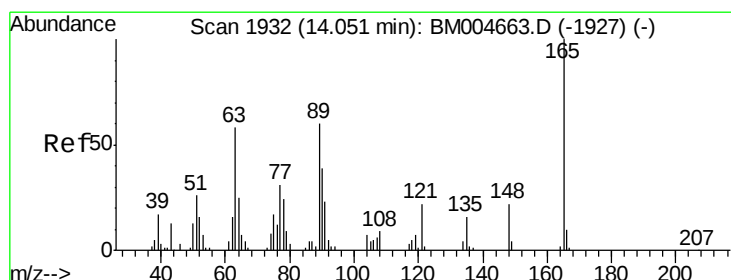
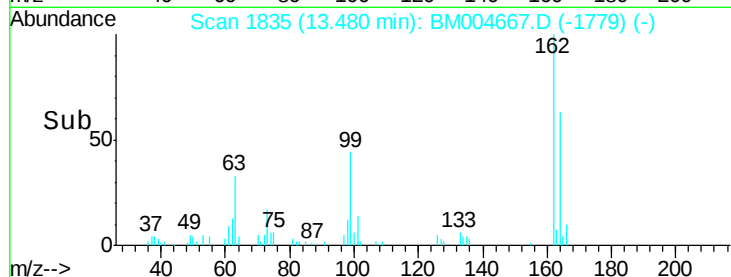
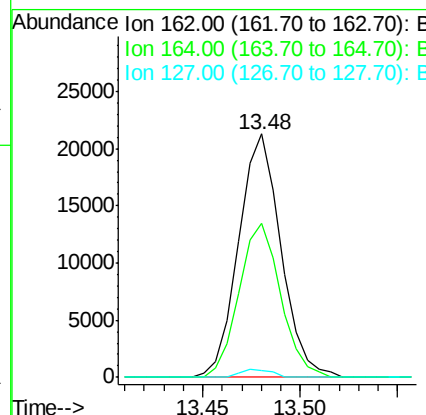
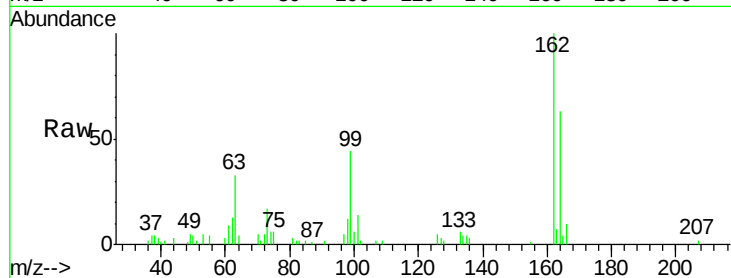




#42
2-Chloronaphthalene
Concen: 3.28 ng/ul
RT: 13.48 min Scan# 1835
Delta R.T. 0.13 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

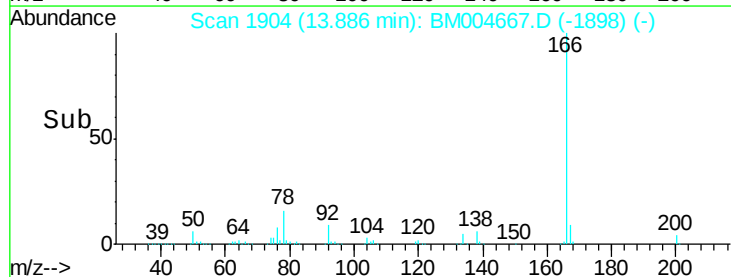
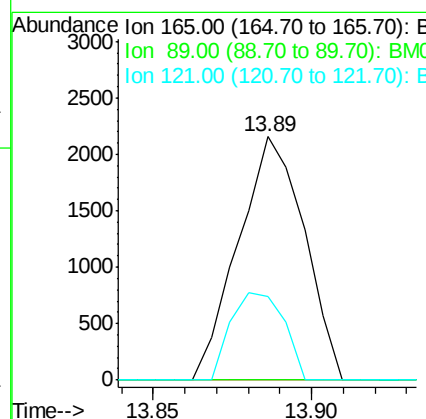
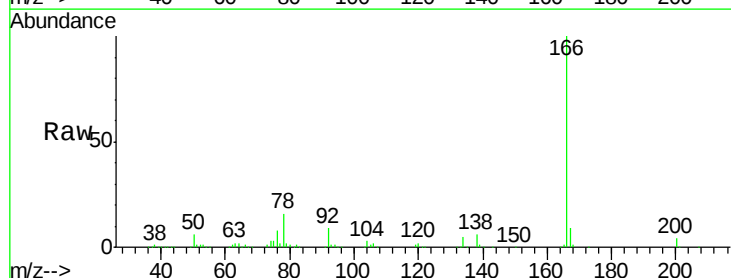
Instrument :
BNA_M
ClientSampleId :

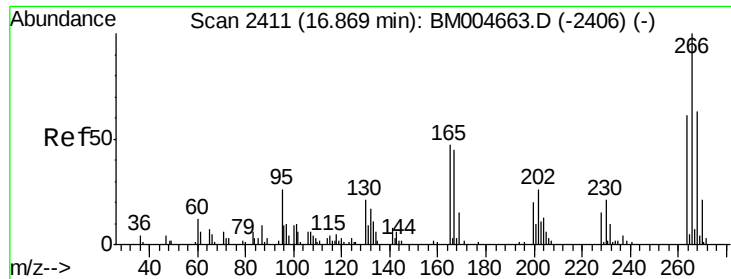
Tot Ion:162 Resp: 31928
Ion Ratio Lower Upper
162 100
164 63.0 25.9 38.9#
127 3.0 34.1 51.1#



#46
2,6-Dinitrotoluene
Concen: 1.42 ng/ul
RT: 13.89 min Scan# 1904
Delta R.T. -0.17 min
Lab File: BM004667.D
Acq: 17 Mar 2016 15:32

Tgt Ion:165 Resp: 3115
Ion Ratio Lower Upper
165 100
89 0.0 42.4 63.6#
121 34.6 16.6 24.8#

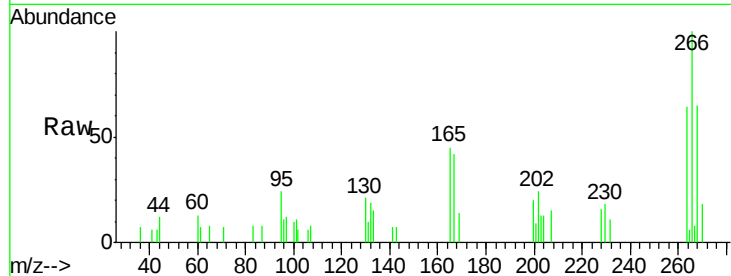




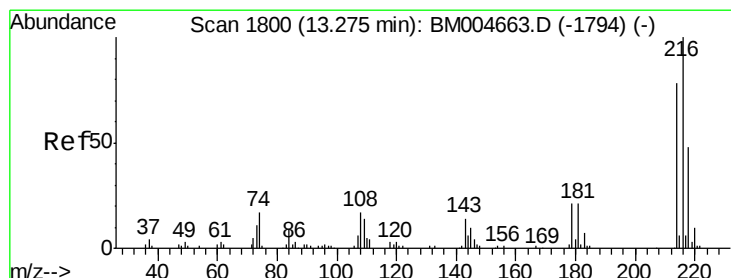
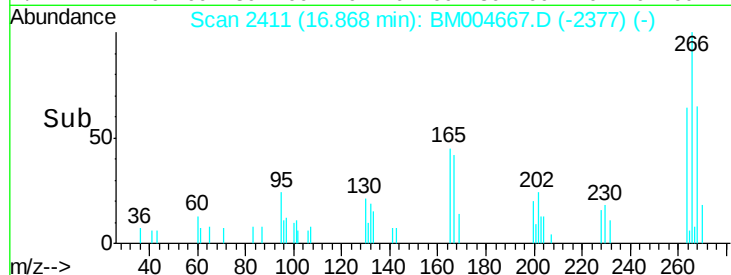
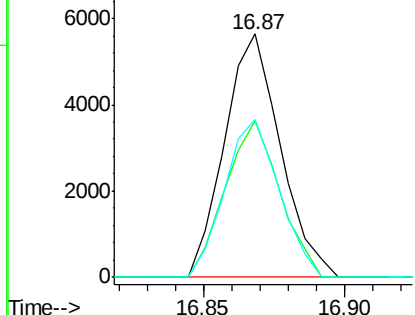
#69
 Pentachlorophenol
 Concen: 3.05 ng/uL
 RT: 16.87 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM004667.D
 Acq: 17 Mar 2016 15:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 7729
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.5 75.7
 268 65.1 50.9 76.3

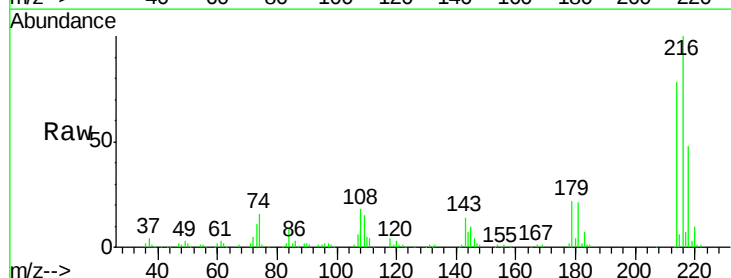


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

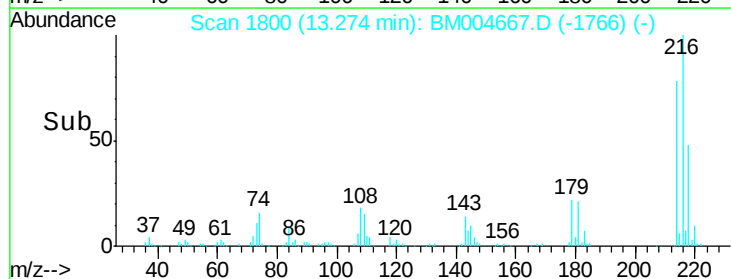
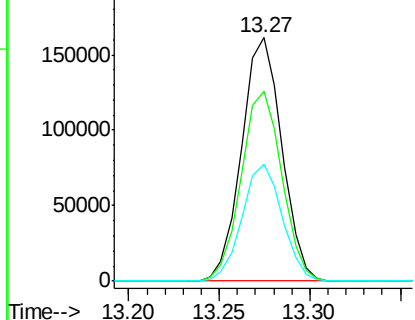


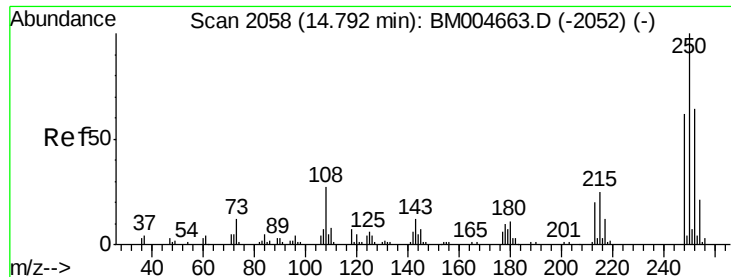
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 52.36 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004667.D
 Acq: 17 Mar 2016 15:32

Tgt Ion:216 Resp: 249354
 Ion Ratio Lower Upper
 216 100
 214 77.8 62.5 93.7
 218 48.0 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: 1.86 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

Instrument :

BNA_M

ClientSampleId :

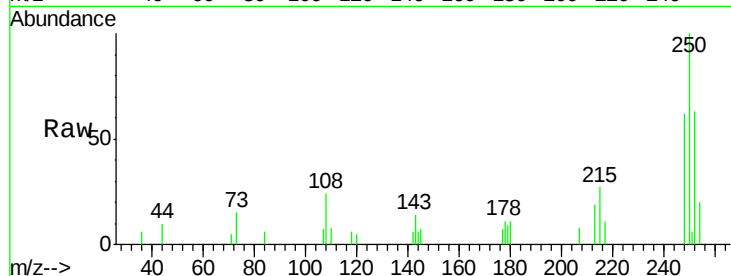
Tot Ion:250 Resp: 8550

Ion Ratio Lower Upper

250 100

248 61.5 50.6 75.8

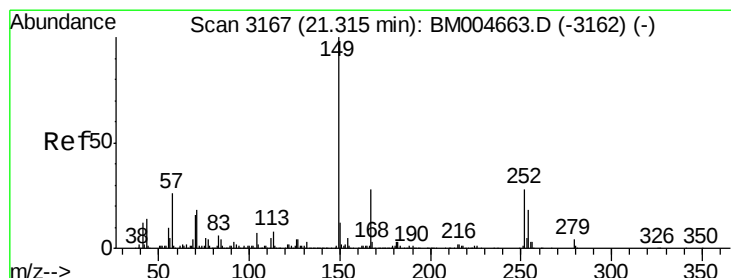
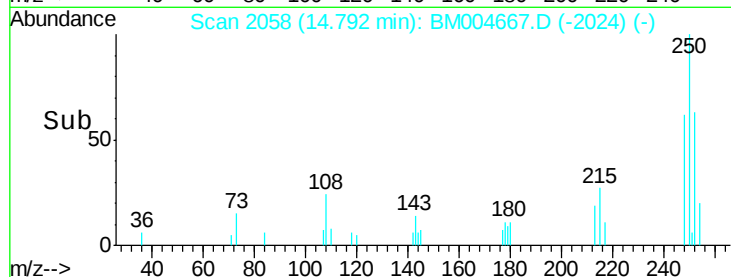
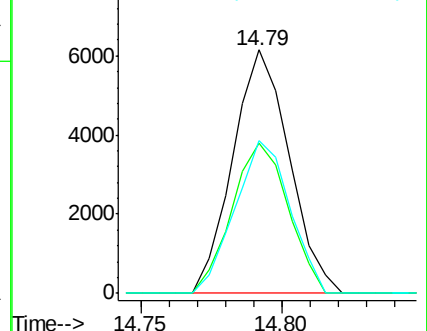
252 62.9 51.4 77.0



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: 14.04 ng/uL

RT: 21.31 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM004667.D

Acq: 17 Mar 2016 15:32

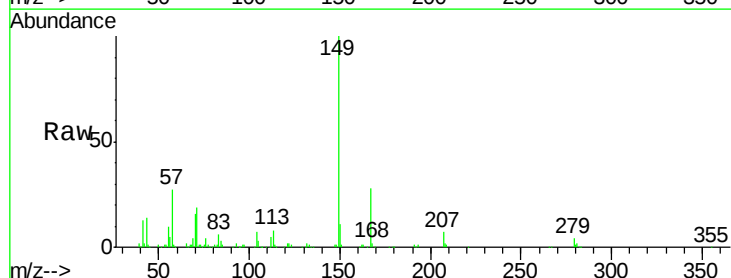
Tgt Ion:149 Resp: 183690

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

279 3.7 3.0 4.4



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

