

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004653.D
 Acq On : 17 Mar 2016 01:58
 Operator : UM/SJ
 Sample : H1783-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 03:47:14 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	7.88	152	27923	20.00	ng/ul	0.04
18) Naphthalene-d8	10.65	136	247603	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	130488	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	290065	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	330645	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	316981	20.00	ng/ul	0.00

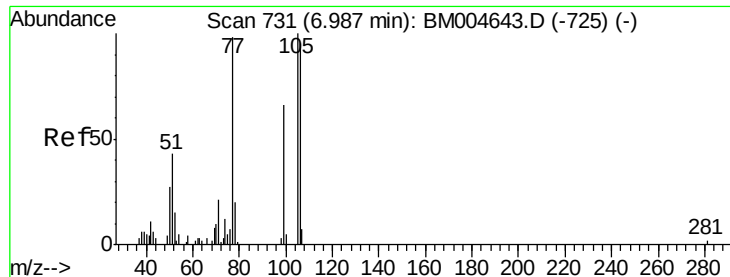
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	2094	2.59	ng/uL	0.01
5) Phenol-d5	7.00	99	38704	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	109872	84.49	ng/ul	0.04
9) 2-Chlorophenol-d4	7.39	132	121357	65.70	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72131	39.00	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	68483	39.77	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	70136	37.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	125458	34.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	4293	0.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	409072	40.10	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	505108	40.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	10473	5.31	ng/ul	0.00
58) Fluorene-d10	15.47	176	357840	40.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	43956	28.83	ng/ul	0.00
71) Anthracene-d10	17.32	188	562276	42.10	ng/ul	0.00
79) Pyrene-d10	19.61	212	650376	43.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	669429	47.28	ng/ul	0.00

Target Compounds

						Ovalue
4) Benzaldehyde	7.03	77	1311	1.03	ng/ul#	29
10) 2-Chlorophenol	7.42	128	35388	18.15	ng/ul	94
11) 2-Methylphenol	8.26	108	45456	24.50	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.55	70	1692	1.15	ng/ul#	1
32) Caprolactam	11.72	113	1400	1.11	ng/ul#	71
33) 4-Chloro-3-methylphenol	11.91	107	38243	8.99	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	324739	77.90	ng/ul	98
42) 2-Chloronaphthalene	13.48	162	28469	3.47	ng/ul#	41
46) 2,6-Dinitrotoluene	13.89	165	2842	1.54	ng/ul#	35
69) Pentachlorophenol	16.87	266	6940	3.26	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	215418	53.98	ng/uL	99
74) Pentachlorobenzene	14.79	250	6589	1.71	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.32	149	165384	14.51	ng/ul	99

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



#4

Benzaldehyde

Concen: 1.03 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. 0.04 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

Instrument :

BNA_M

ClientSampled :

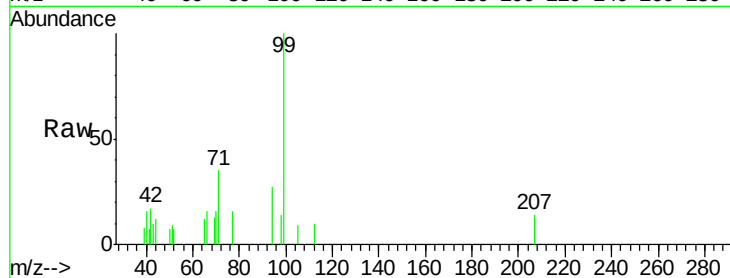
Tot Ion: 77 Resp: 1311

Ion Ratio Lower Upper

77 100

105 55.5 80.6 120.8#

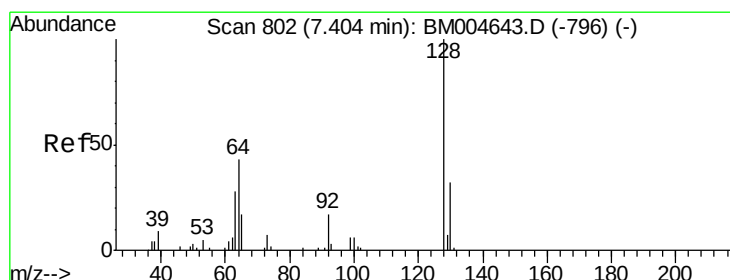
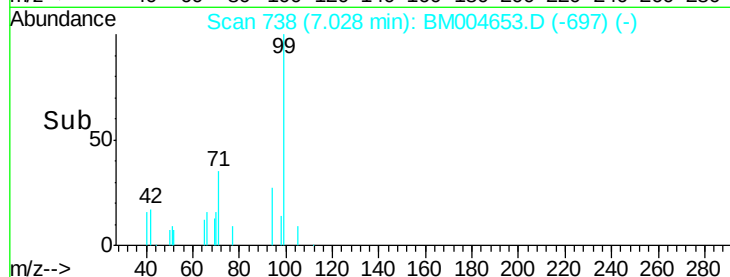
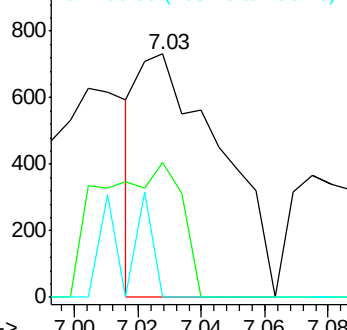
106 0.0 77.7 116.5#



Abundance Ion 77.00 (76.70 to 77.70): BM004643.D (-725) (-)

Ion 105.00 (104.70 to 105.70): BM004643.D (-725) (-)

Ion 106.00 (105.70 to 106.70): BM004643.D (-725) (-)



#10

2-Chlorophenol

Concen: 18.15 ng/ul

RT: 7.42 min Scan# 805

Delta R.T. 0.02 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

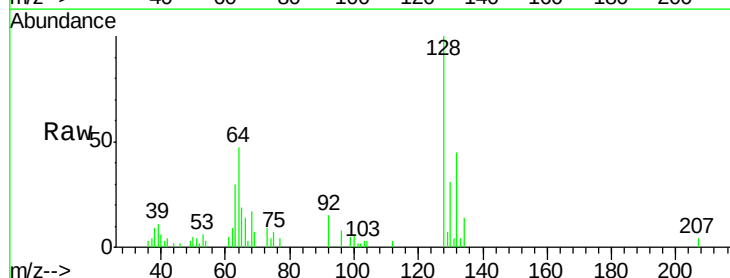
Tgt Ion: 128 Resp: 35388

Ion Ratio Lower Upper

128 100

64 46.5 31.9 47.9

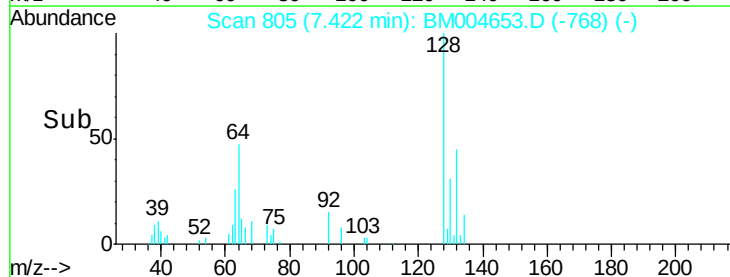
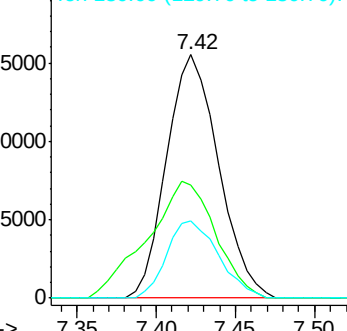
130 31.5 25.6 38.4

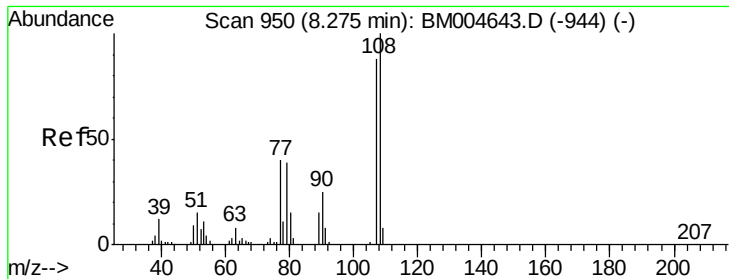


Abundance Ion 128.00 (127.70 to 128.70): BM004643.D (-796) (-)

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

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





#11

2-Methylphenol

Concen: 24.50 ng/ul

RT: 8.26 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

Instrument :

BNA_M

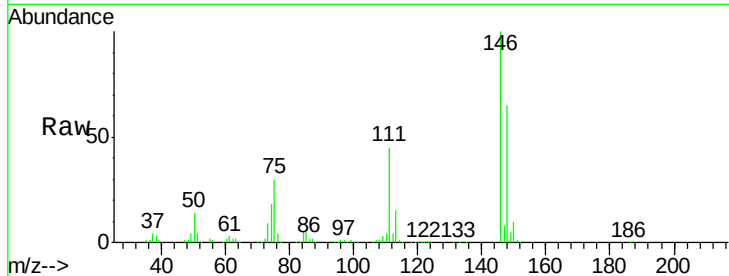
ClientSampleId :

Tot Ion:108 Resp: 45456

Ion Ratio Lower Upper

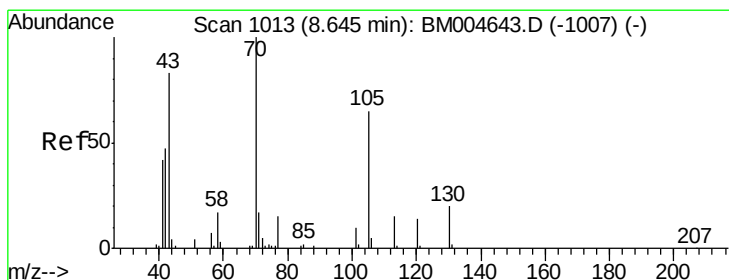
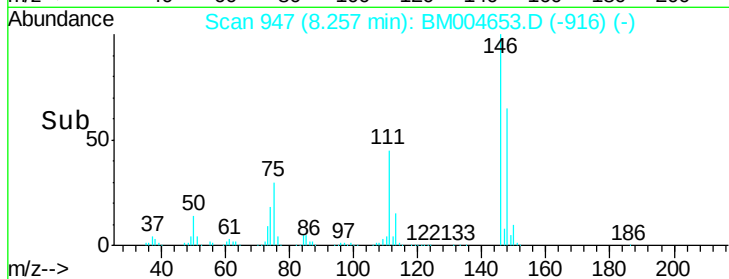
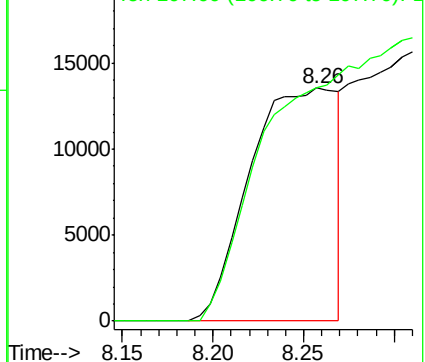
108 100

107 100.3 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 1.15 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.09 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

Tgt Ion: 70 Resp: 1692

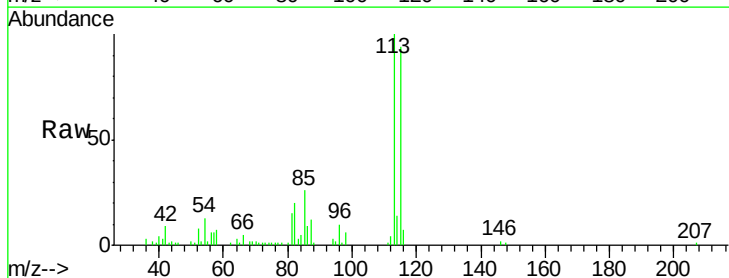
Ion Ratio Lower Upper

70 100

42 364.4 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

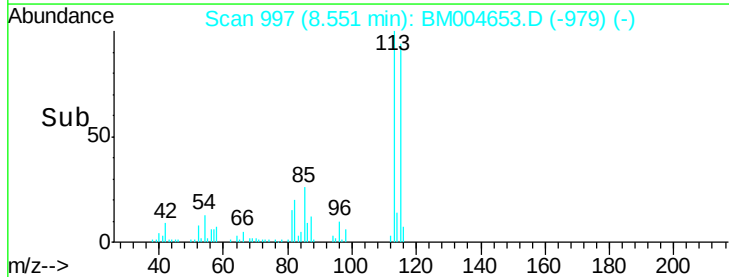
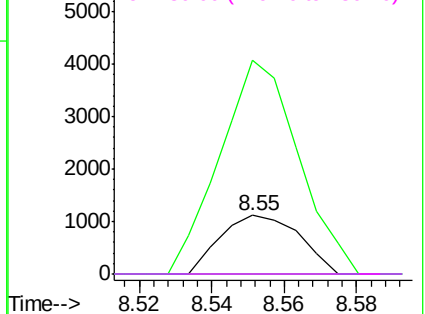


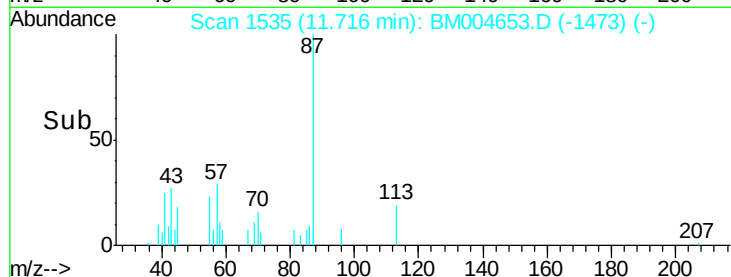
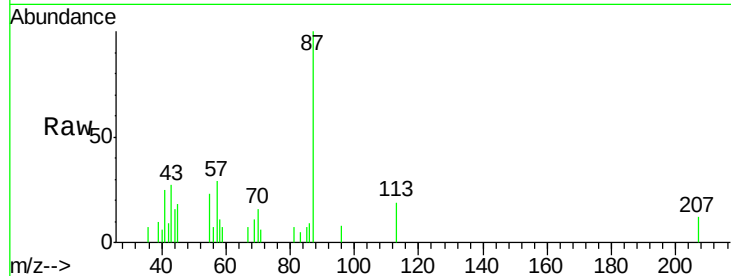
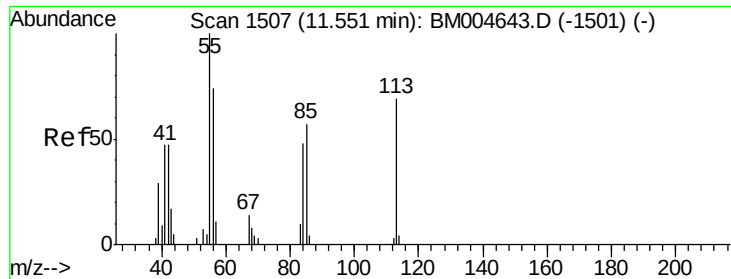
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#32

Caprolactam

Concen: 1.11 ng/ul

RT: 11.72 min Scan# 1535

Delta R.T. 0.16 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

Instrument :

BNA_M

ClientSampleId :

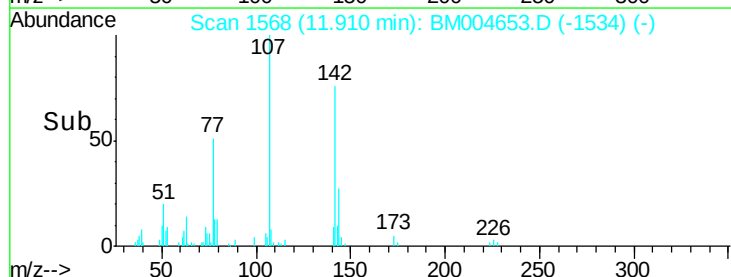
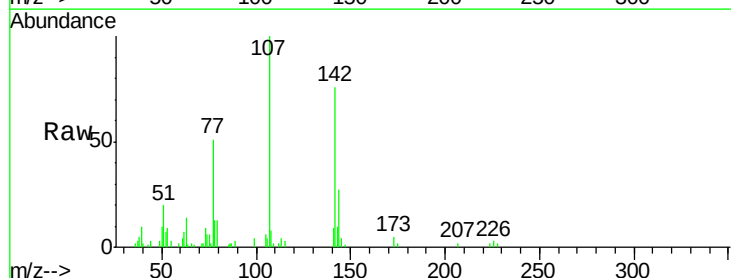
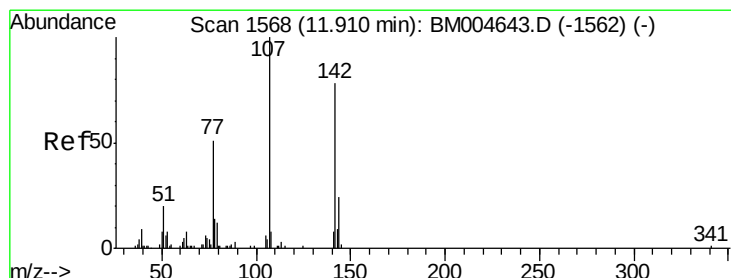
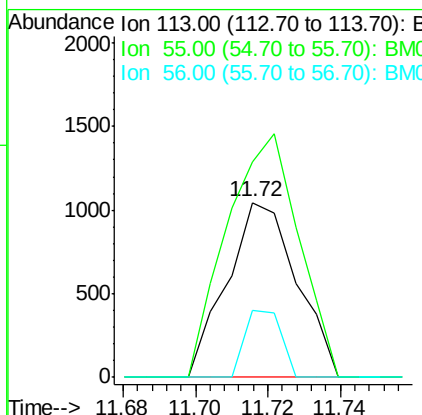
Tot Ion:113 Resp: 1400

Ion Ratio Lower Upper

113 100

55 123.8 101.9 152.9

56 38.5 81.2 121.8#



#33

4-Chloro-3-methylphenol

Concen: 8.99 ng/ul

RT: 11.91 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

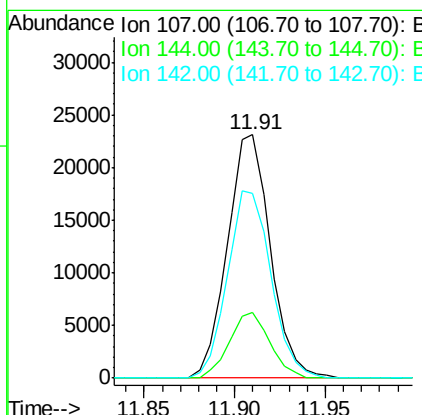
Tgt Ion:107 Resp: 38243

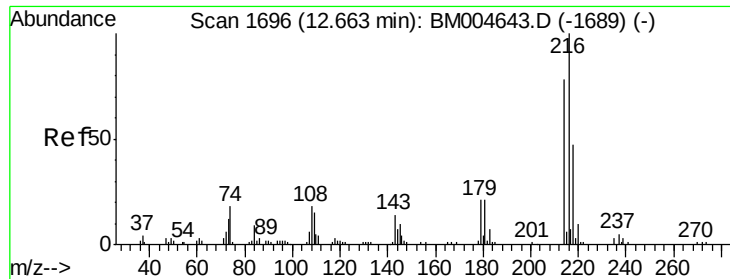
Ion Ratio Lower Upper

107 100

144 26.9 20.4 30.6

142 75.9 62.5 93.7

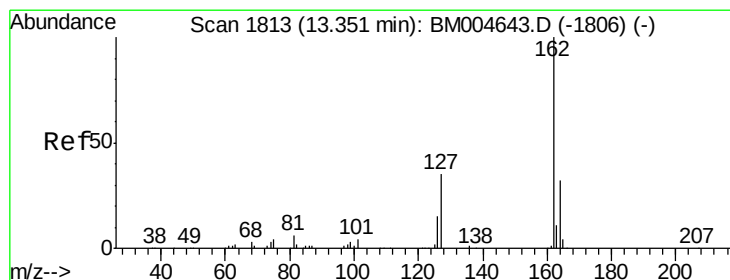
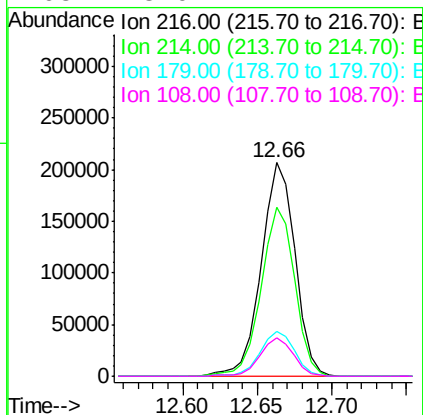
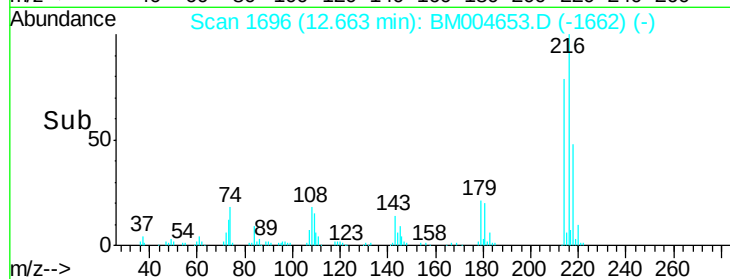
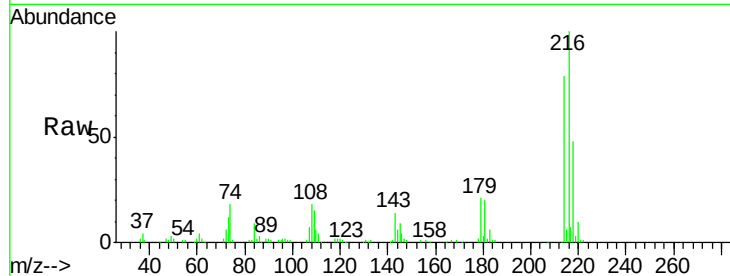




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 77.90 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM004653.D
 Acq: 17 Mar 2016 01:58

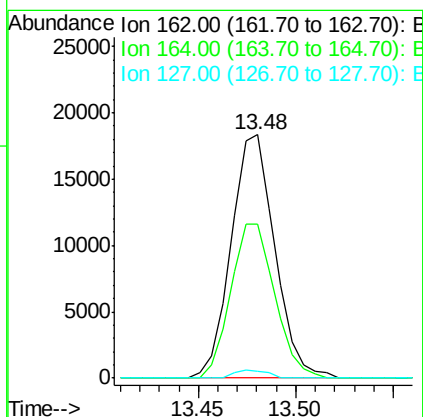
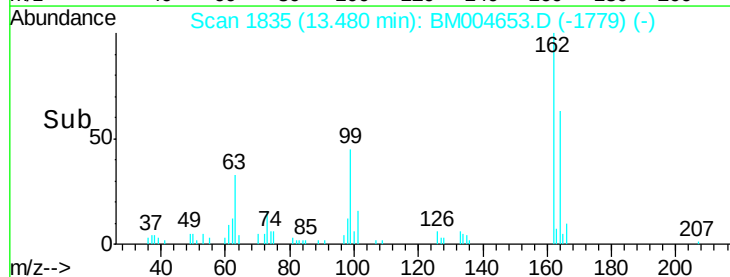
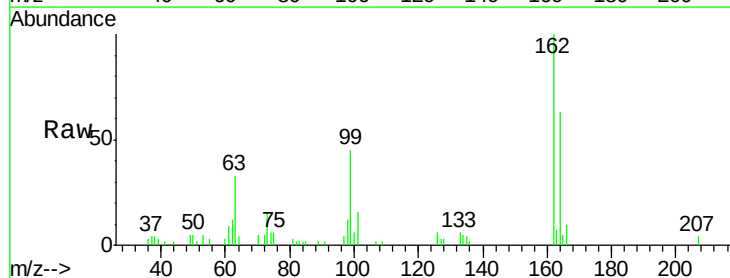
Instrument :
 BNA_M
 ClientSampleId :

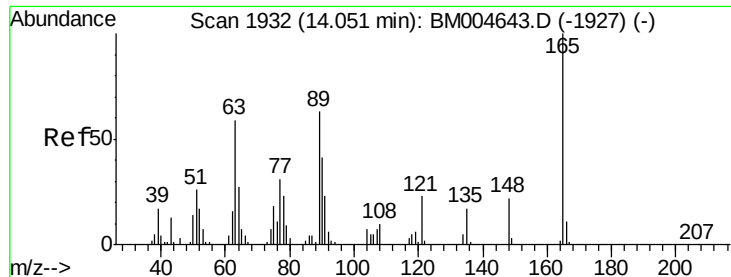
Tot Ion:216	Resp:	324739
Ion Ratio	Lower	Upper
216 100		
214 79.2	62.5	93.7
179 21.2	18.2	27.2
108 18.0	14.2	21.2



#42
 2-Chloronaphthalene
 Concen: 3.47 ng/ul
 RT: 13.48 min Scan# 1835
 Delta R.T. 0.13 min
 Lab File: BM004653.D
 Acq: 17 Mar 2016 01:58

Tgt	Ion:162	Resp:	28469
Ion	Ratio	Lower	Upper
162	100		
164	63.4	25.9	38.9#
127	3.1	34.1	51.1#

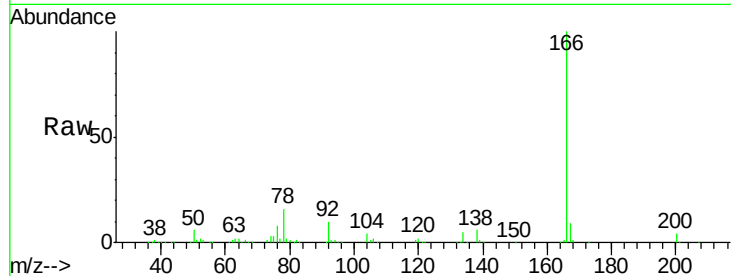




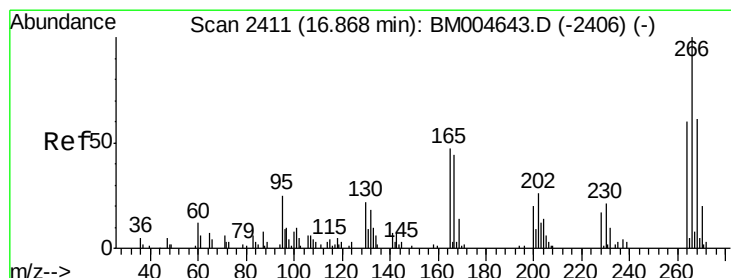
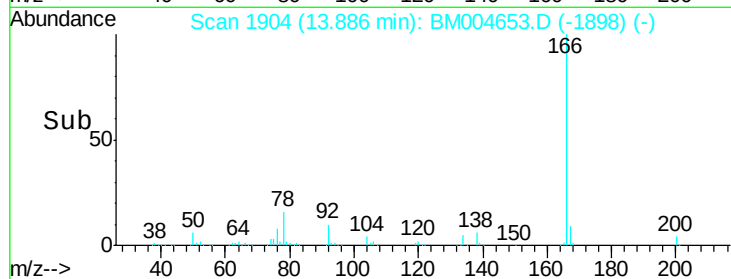
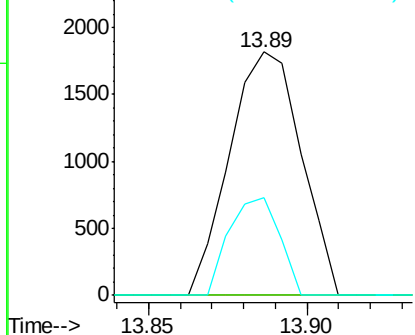
#46
2,6-Dinitrotoluene
Concen: 1.54 ng/ul
RT: 13.89 min Scan# 1904
Delta R.T. -0.16 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 2842
Ion Ratio Lower Upper
165 100
89 0.0 42.4 63.6#
121 40.1 16.6 24.8#

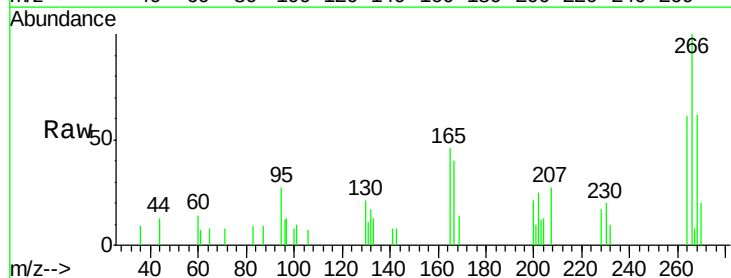


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

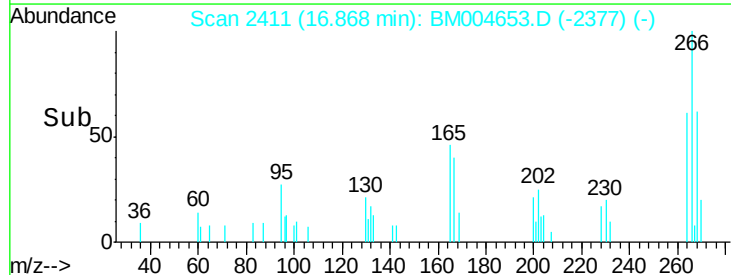
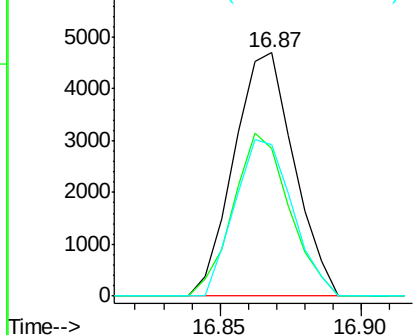


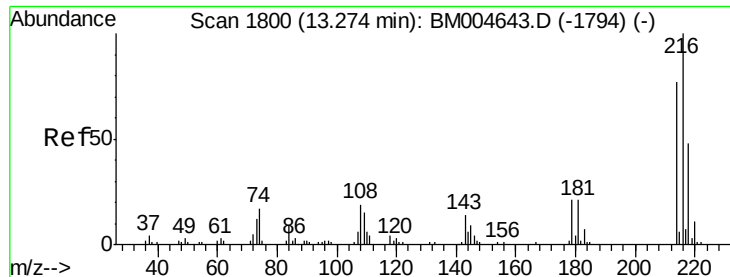
#69
Pentachlorophenol
Concen: 3.26 ng/ul
RT: 16.87 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM004653.D
Acq: 17 Mar 2016 01:58

Tgt Ion:266 Resp: 6940
Ion Ratio Lower Upper
266 100
264 60.9 50.5 75.7
268 62.0 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: 53.98 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

Instrument :

BNA_M

ClientSampleId :

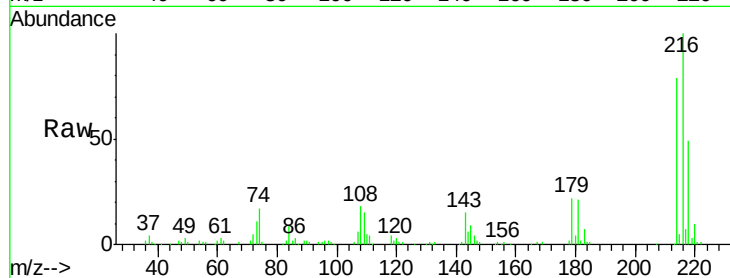
Tot Ion:216 Resp: 215418

Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

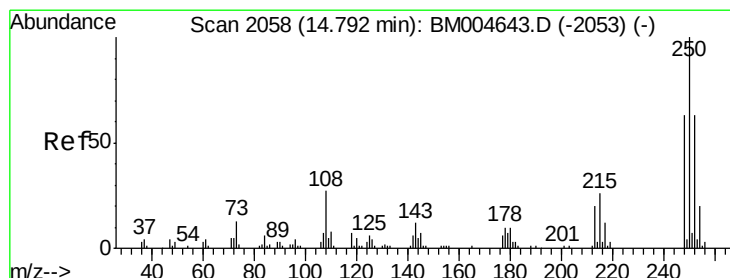
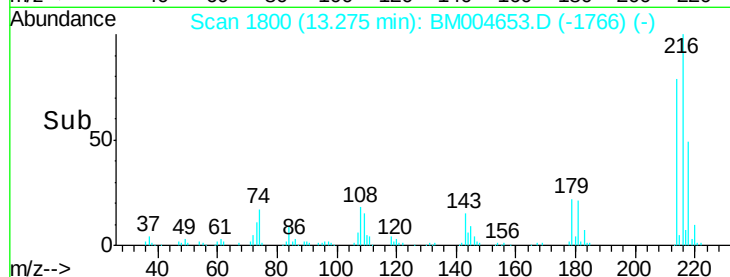
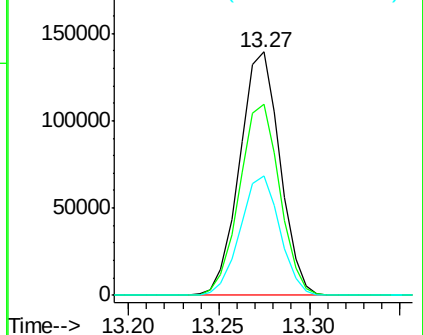
218 49.3 38.4 57.6



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: 1.71 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM004653.D

Acq: 17 Mar 2016 01:58

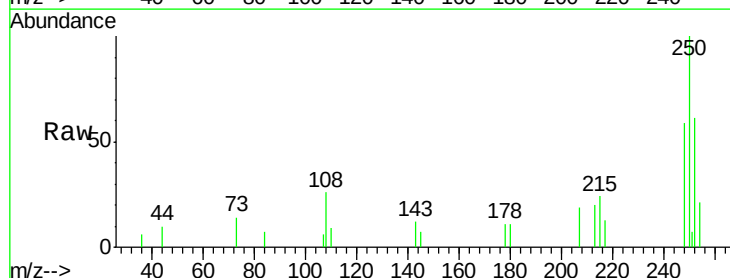
Tgt Ion:250 Resp: 6589

Ion Ratio Lower Upper

250 100

248 59.3 50.6 75.8

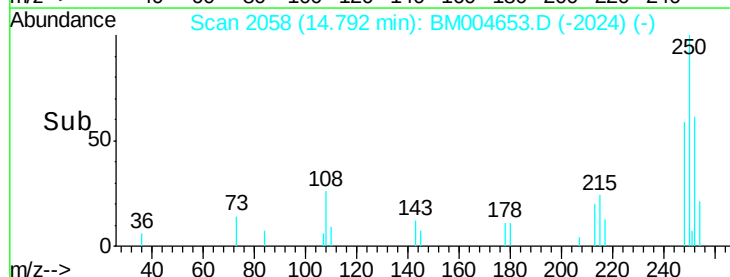
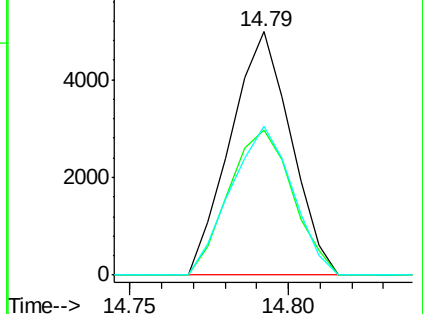
252 61.4 51.4 77.0

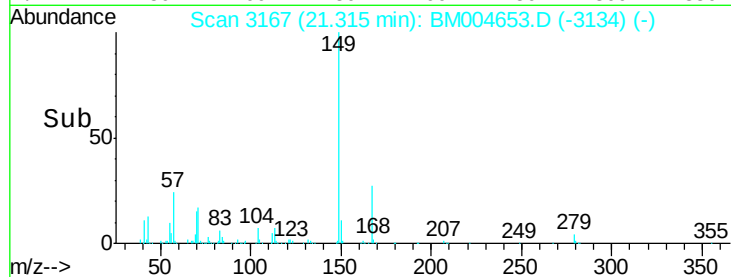
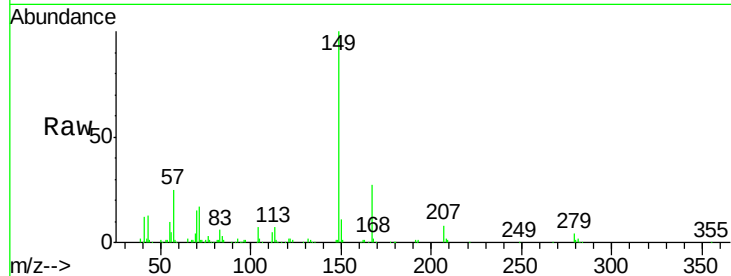
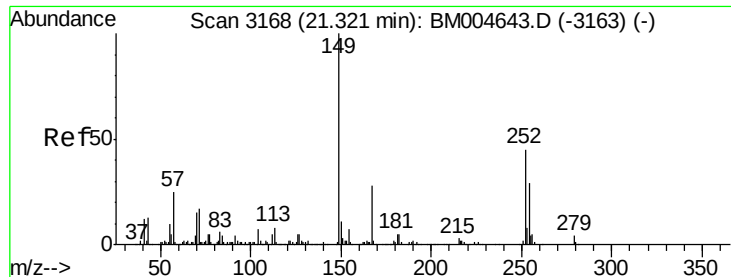


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.51 ng/ul
 RT: 21.32 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BM004653.D
 Acq: 17 Mar 2016 01:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.1	3.0	4.4

