

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004666.D
 Acq On : 17 Mar 2016 14:56
 Operator : UM/SJ
 Sample : H1783-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:07:24 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	7.88	152	29299	20.00	ng/ul	0.04
18) Naphthalene-d8	10.66	136	285279	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	150007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	322923	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	358404	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	350485	20.00	ng/ul	0.00

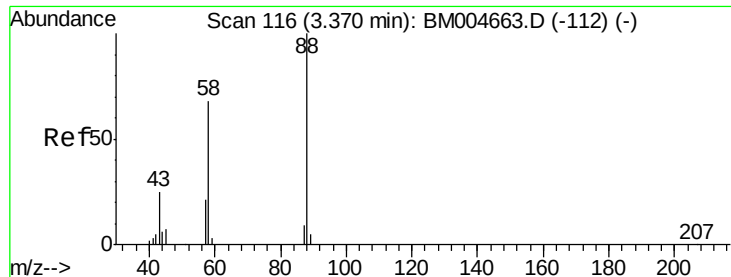
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1939	2.28	ng/uL	0.00
5) Phenol-d5	7.00	99	39084	16.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	114707	84.06	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	126456	65.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	75473	38.89	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	76492	38.55	ng/ul	0.02
22) 2-Nitrophenol-d4	9.73	143	82065	38.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	134067	31.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	2488	0.49	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	434612	37.06	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	556407	38.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	14905	6.58	ng/ul	0.00
58) Fluorene-d10	15.47	176	377019	36.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	60368	35.57	ng/ul	0.00
71) Anthracene-d10	17.32	188	570313	38.36	ng/ul	0.00
79) Pyrene-d10	19.61	212	634986	38.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	674286	43.07	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.37	88	4306	4.35	ng/uL	95
4) Benzaldehyde	7.00	77	1980	1.48	ng/ul#	80
11) 2-Methylphenol	8.25	108	32250	16.57	ng/ul	98
14) Acetophenone	8.68	105	3253	1.07	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.55	70	1806	1.17	ng/ul#	1
17) Hexachloroethane	8.94	117	2346	2.89	ng/ul	95
20) Nitrobenzene	9.06	77	832866	170.12	ng/ul	99
23) 2-Nitrophenol	9.76	139	74830	31.52	ng/ul	95
32) Caprolactam	11.45	113	30765	21.21	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	142815	29.80	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	2884	1.36	ng/ul#	41
53) 4-Nitrophenol	14.67	109	9864	5.37	ng/ul	89
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	395084	88.92	ng/uL	99

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



#2

1,4-Dioxane

Concen: 4.35 ng/uL

RT: 3.37 min Scan# 116

Delta R.T. -0.00 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Instrument :

BNA_M

ClientSampleId :

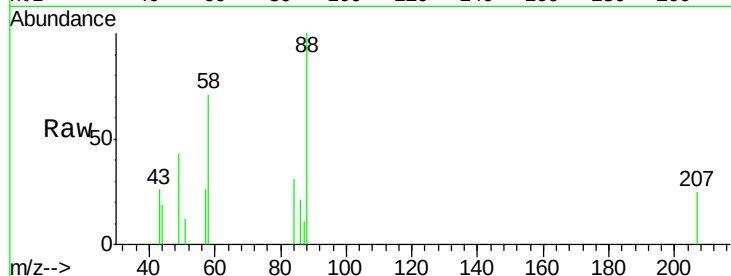
Tot Ion: 88 Resp: 4306

Ion Ratio Lower Upper

88 100

43 24.4 21.0 31.6

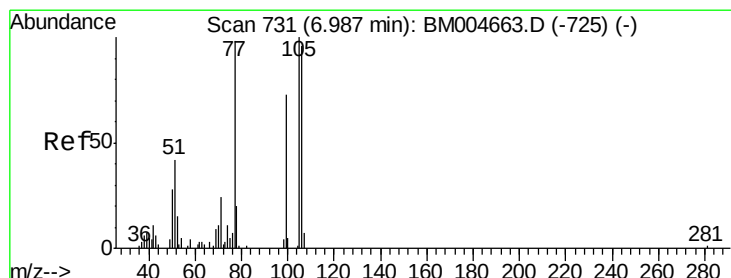
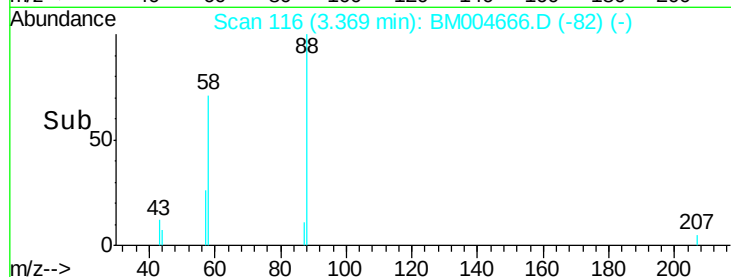
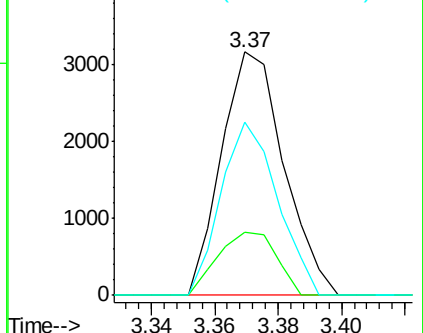
58 64.2 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004663.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004663.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004663.D (-112) (-)



#4

Benzaldehyde

Concen: 1.48 ng/uL

RT: 7.00 min Scan# 734

Delta R.T. 0.02 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

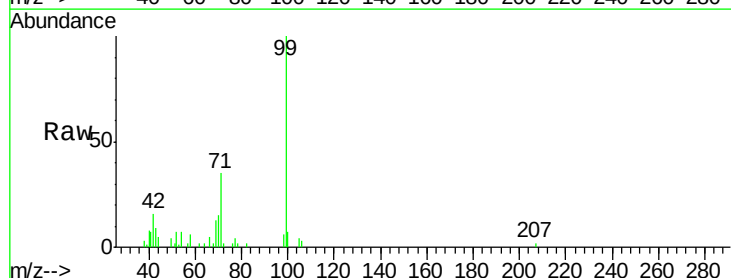
Tgt Ion: 77 Resp: 1980

Ion Ratio Lower Upper

77 100

105 84.1 80.6 120.8

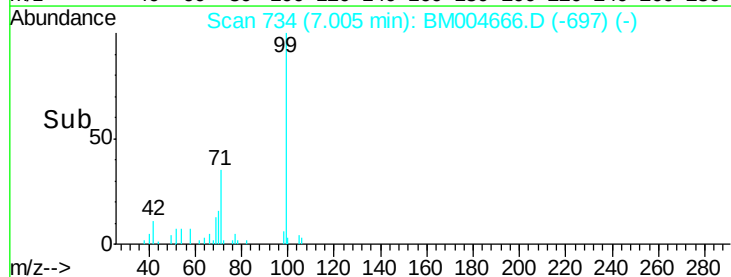
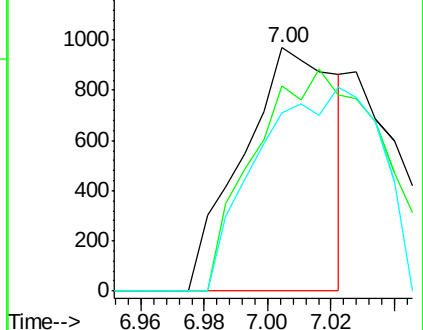
106 73.2 77.7 116.5#

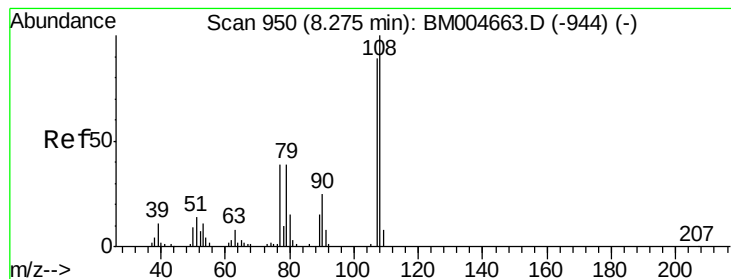


Abundance Ion 77.00 (76.70 to 77.70): BM004663.D (-725) (-)

Ion 105.00 (104.70 to 105.70): BM004663.D (-725) (-)

Ion 106.00 (105.70 to 106.70): BM004663.D (-725) (-)

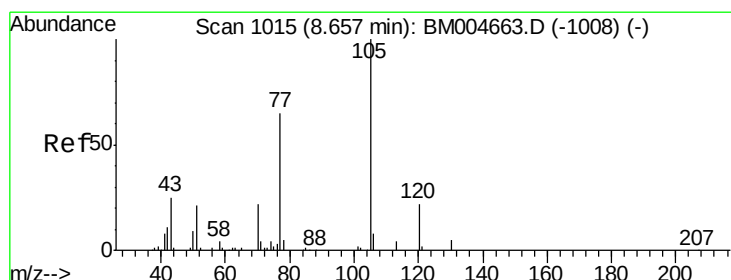
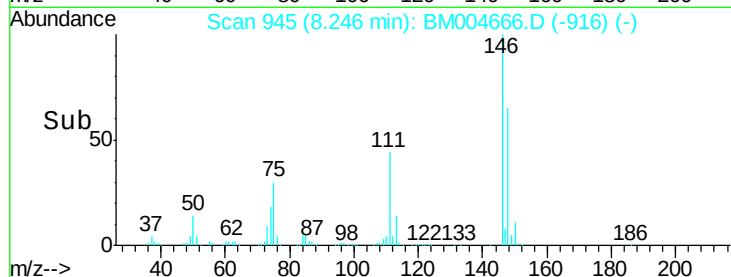
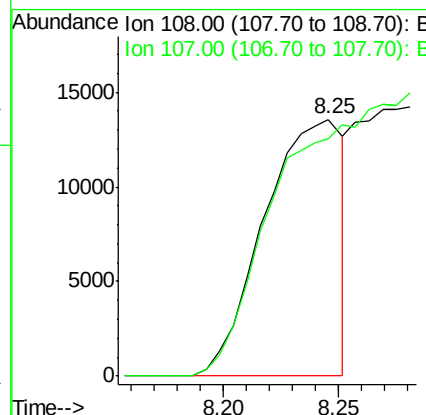
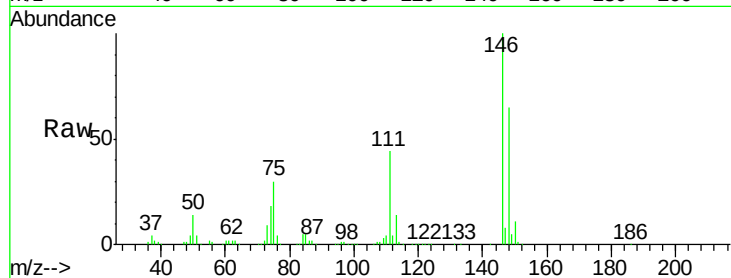




#11
2-Methylphenol
Concen: 16.57 ng/ul
RT: 8.25 min Scan# 945
Delta R.T. -0.03 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

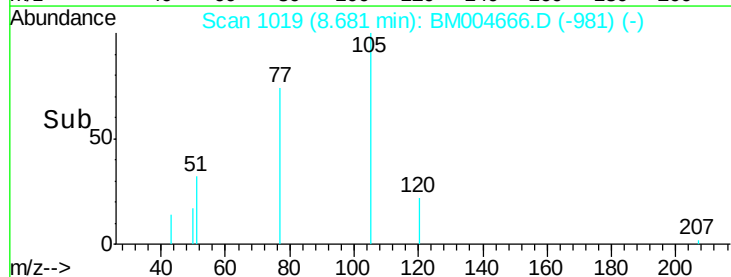
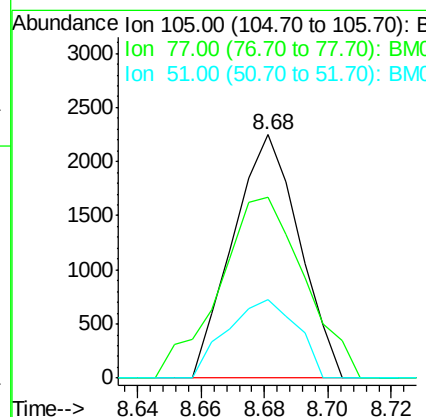
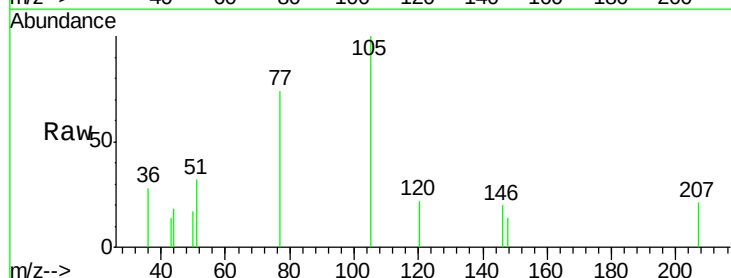
Instrument :
BNA_M
ClientSampleId :

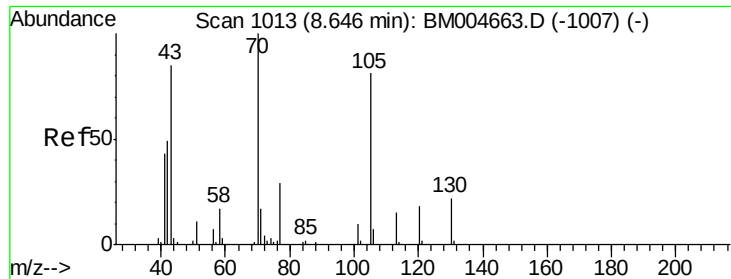
Tot Ion:108 Resp: 32250
Ion Ratio Lower Upper
108 100
107 92.5 72.4 108.6



#14
Acetophenone
Concen: 1.07 ng/ul
RT: 8.68 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

Tgt Ion:105 Resp: 3253
Ion Ratio Lower Upper
105 100
77 74.1 59.0 88.4
51 32.5 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 1.17 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.09 min

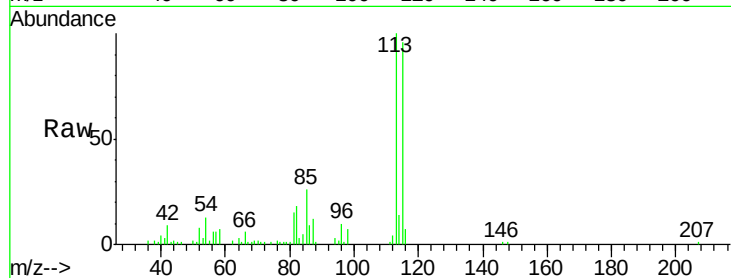
Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 70 Resp: 1806

Ion Ratio Lower Upper

70 100

42 380.3 35.4 53.0#

101 0.0 8.4 12.6#

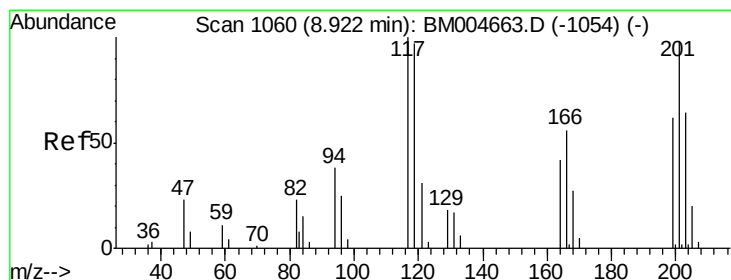
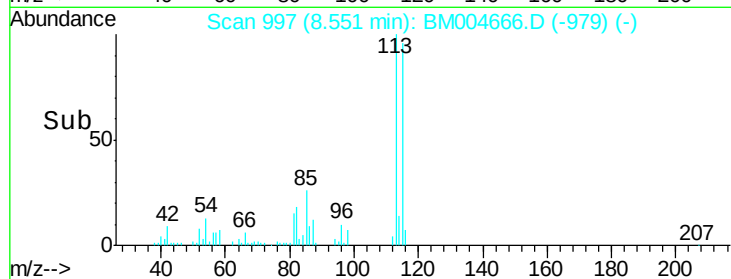
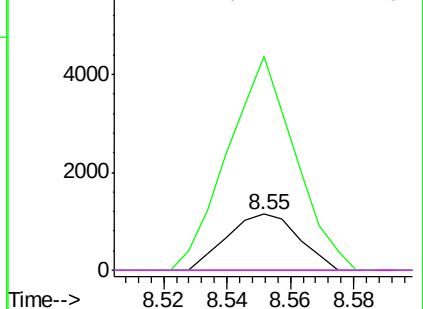
130 0.0 18.2 27.4#

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



#17

Hexachloroethane

Concen: 2.89 ng/ul

RT: 8.94 min Scan# 1063

Delta R.T. 0.02 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Tgt Ion: 117 Resp: 2346

Ion Ratio Lower Upper

117 100

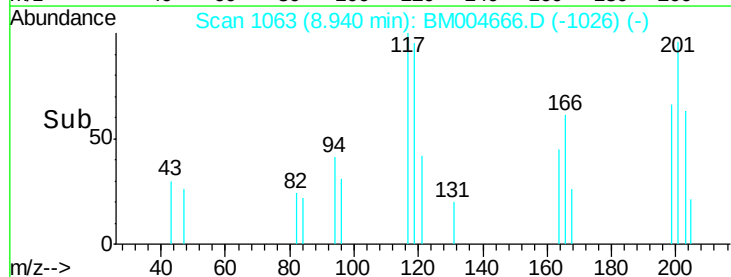
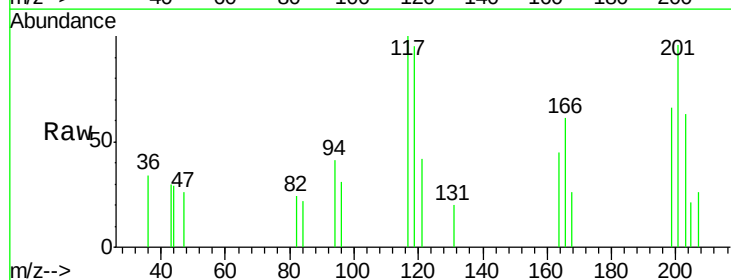
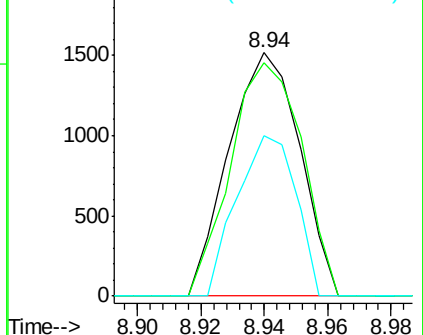
201 95.6 81.5 122.3

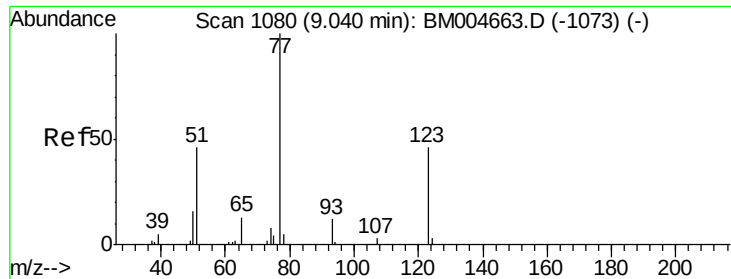
199 65.8 50.6 76.0

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

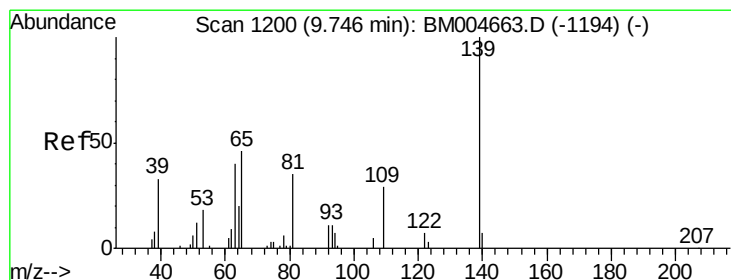
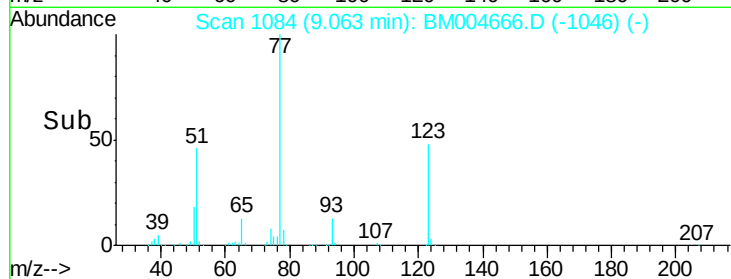
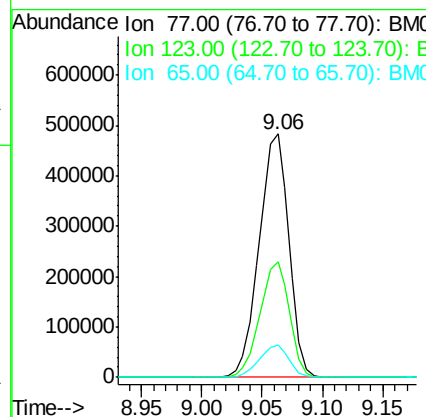
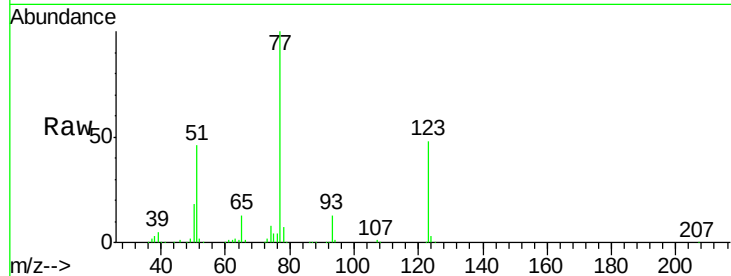




#20
Nitrobenzene
Concen: 170.12 ng/ul
RT: 9.06 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

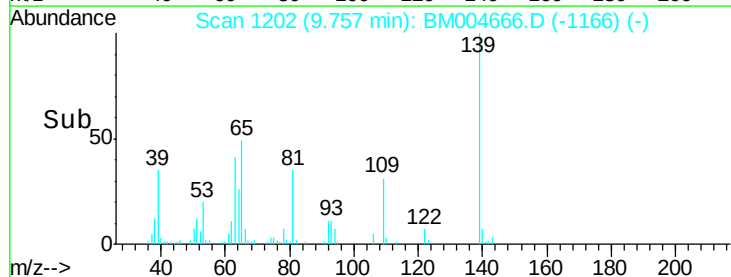
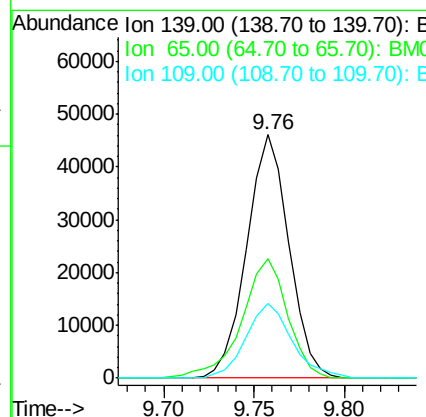
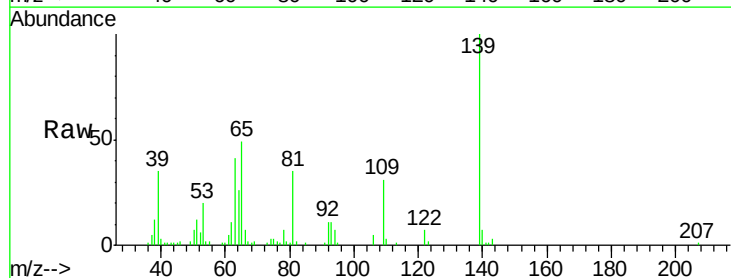
Instrument :
BNA_M
ClientSampleId :

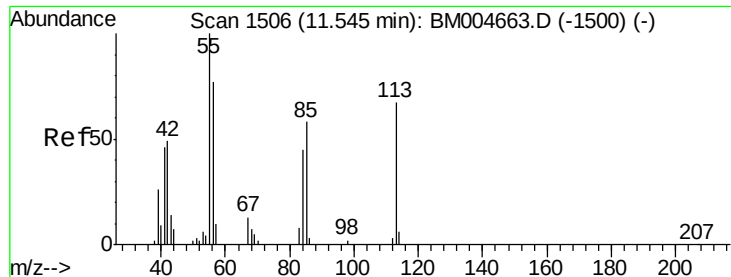
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.7	39.0	58.4
65	13.1	10.4	15.6



#23
2-Nitrophenol
Concen: 31.52 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004666.D
Acq: 17 Mar 2016 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
65	49.0	36.3	54.5
109	30.9	26.4	39.6





#32

Caprolactam

Concen: 21.21 ng/ul

RT: 11.45 min Scan# 1490

Delta R.T. -0.09 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Instrument :

BNA_M

ClientSampled :

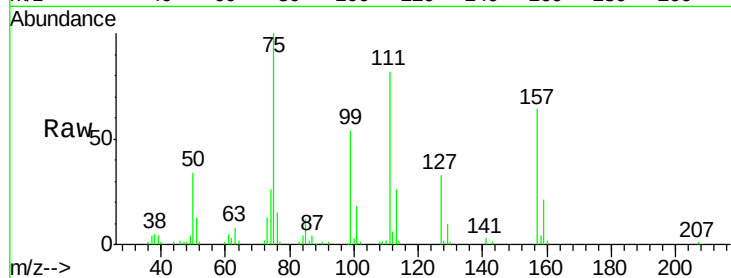
Tot Ion:113 Resp: 30765

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

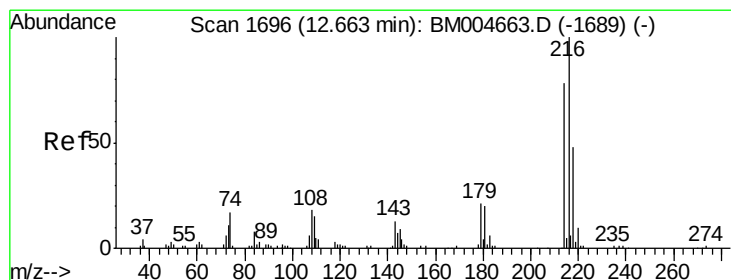
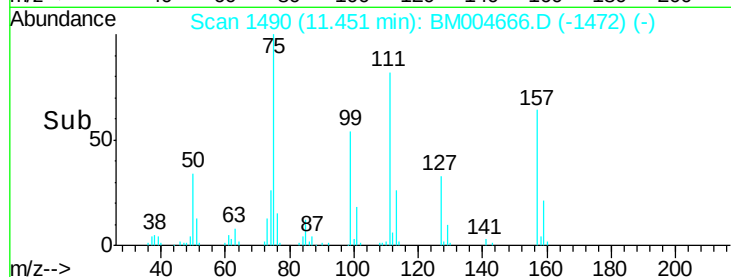
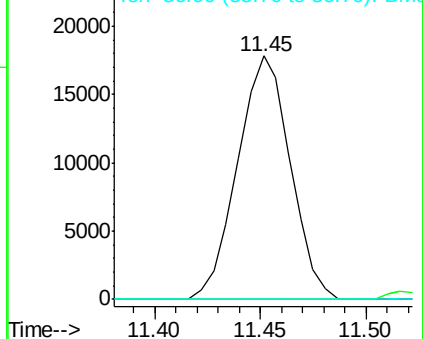
56 0.0 81.2 121.8#



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 29.80 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Tgt Ion:216 Resp: 142815

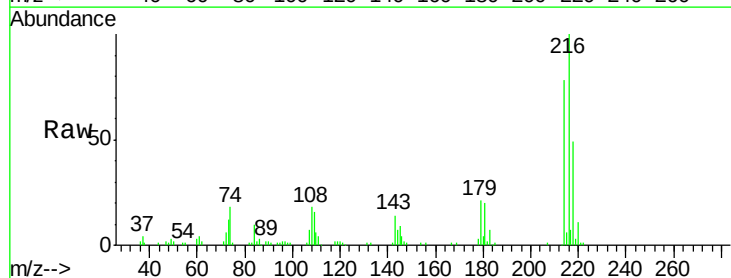
Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

179 21.0 18.2 27.2

108 17.9 14.2 21.2

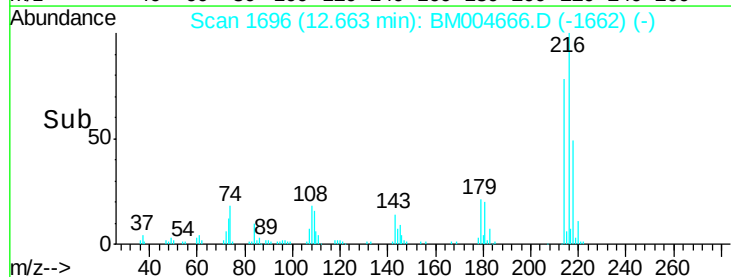
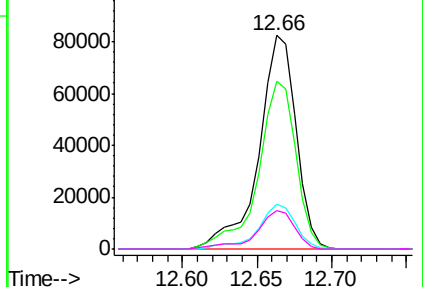


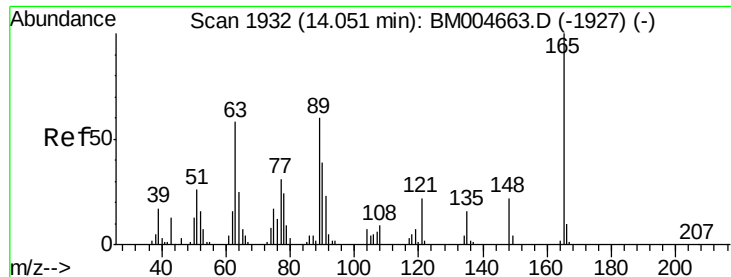
Abundance Ion 216.00 (215.70 to 216.70): E

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

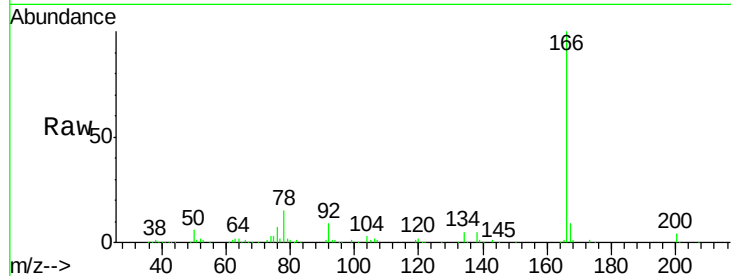




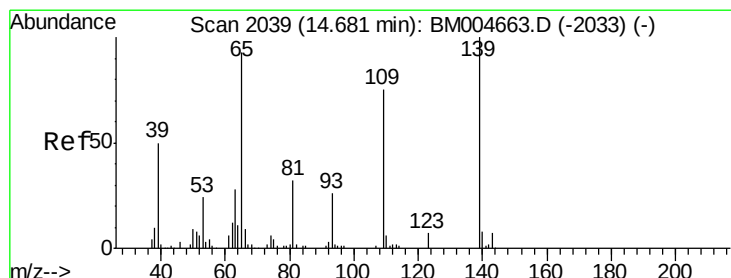
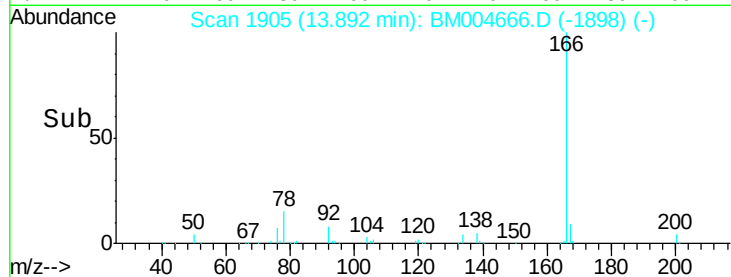
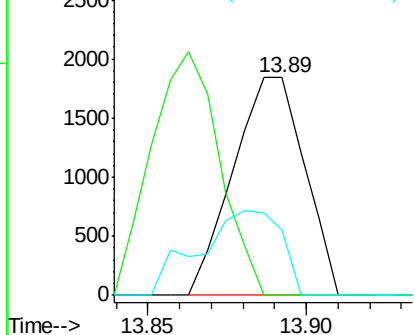
#46
 2,6-Dinitrotoluene
 Concen: 1.36 ng/ul
 RT: 13.89 min Scan# 1905
 Delta R.T. -0.16 min
 Lab File: BM004666.D
 Acq: 17 Mar 2016 14:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 2884
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 30.1 16.6 24.8#

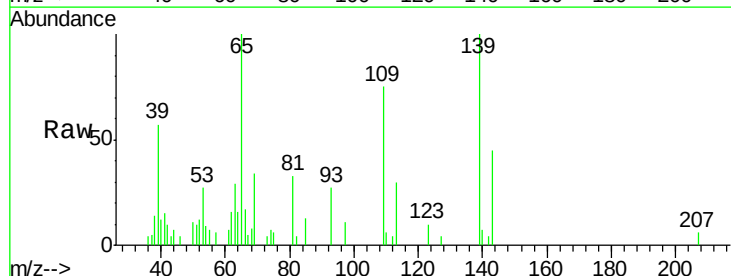


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM004663.D (-1927) (-)
 Ion 121.00 (120.70 to 121.70): E

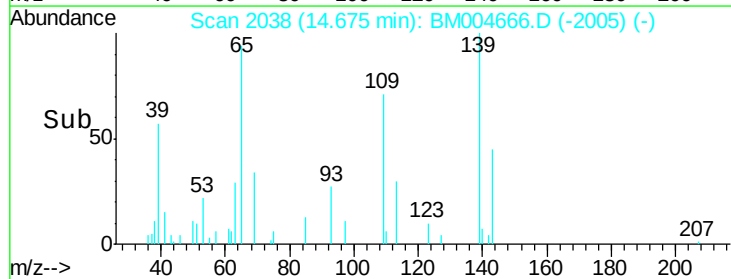
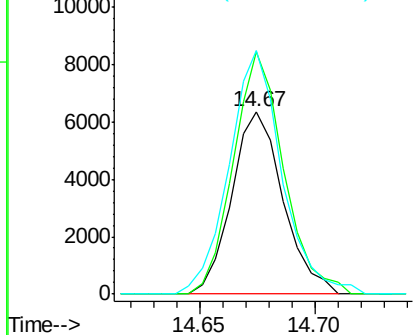


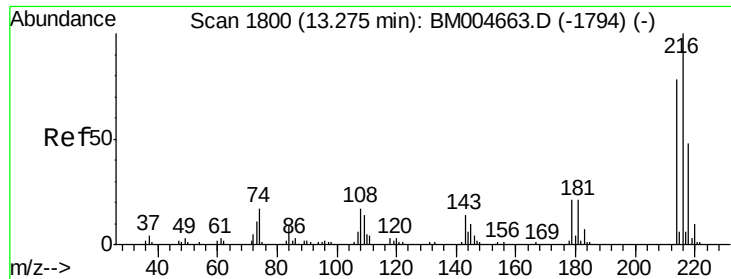
#53
 4-Nitrophenol
 Concen: 5.37 ng/ul
 RT: 14.67 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM004666.D
 Acq: 17 Mar 2016 14:56

Tgt Ion:109 Resp: 9864
 Ion Ratio Lower Upper
 109 100
 139 133.2 103.7 155.5
 65 133.7 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM004663.D (-2033) (-)





#73

1,2,3,4-Tetrachlorobenzene

Concen: 88.92 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BM004666.D

Acq: 17 Mar 2016 14:56

Instrument :

BNA_M

ClientSampleId :

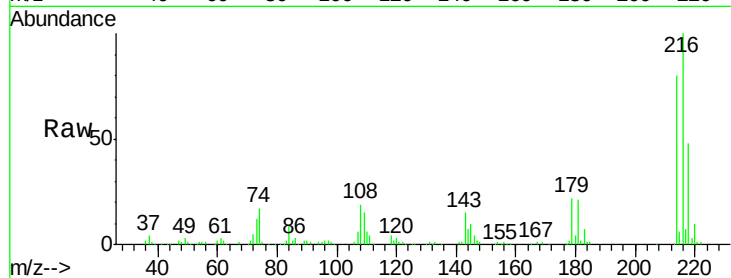
Tot Ion:216 Resp: 395084

Ion Ratio Lower Upper

216 100

214 79.6 62.5 93.7

218 48.4 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

