

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040516\
 Data File : BM004894.D
 Acq On : 05 Apr 2016 23:31
 Operator : UM/SJ
 Sample : H2086-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Quant Time: Apr 06 01:37:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 06 01:34:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	45948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	223367	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	132394	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	330605	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	442226	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	454531	20.00	ng/ul	0.00

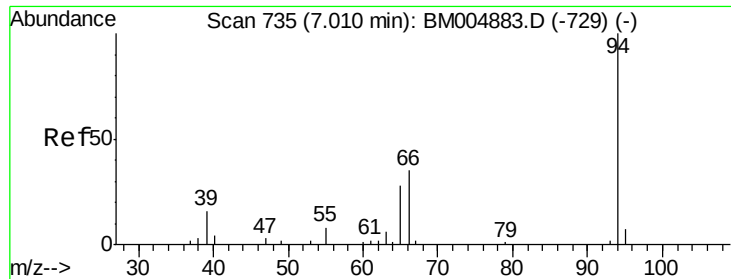
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	630	0.55	ng/uL	0.00
5) Phenol-d5	6.99	99	17126	4.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	57030	25.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	60694	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	38546	11.24	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	40783	25.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	44998	25.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	73155	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	3628	0.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	299470	28.67	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	343975	27.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	8045	3.90	ng/ul	0.00
58) Fluorene-d10	15.45	176	257365	28.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	47497	23.98	ng/ul	0.00
71) Anthracene-d10	17.30	188	433440	29.30	ng/ul	0.00
79) Pyrene-d10	19.59	212	528809	27.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	583335	28.97	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.01	94	14415	3.38	ng/ul	99
10) 2-Chlorophenol	7.39	128	17901	5.49	ng/ul	94
11) 2-Methylphenol	8.20	108	28428	8.45	ng/ul	94
20) Nitrobenzene	9.03	77	803807	211.38	ng/ul	98
23) 2-Nitrophenol	9.72	139	2077	1.08	ng/ul#	86
27) 2,4-Dichlorophenol	10.26	162	4584	1.35	ng/ul	90
30) 4-Chloroaniline	10.72	127	7878	1.90	ng/ul	97
32) Caprolactam	11.42	113	13873	10.80	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	18877	4.61	ng/ul	98
42) 2-Chloronaphthalene	13.46	162	28835	3.56	ng/ul#	42
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	40459	9.42	ng/uL	98

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



#6

Phenol

Concen: 3.38 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

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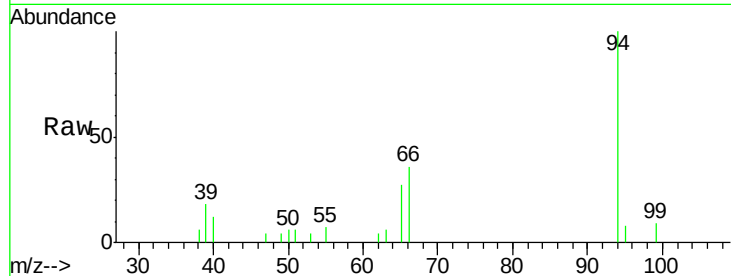
Tgt Ion: 94 Resp: 14415

Ion Ratio Lower Upper

94 100

65 27.0 21.0 31.6

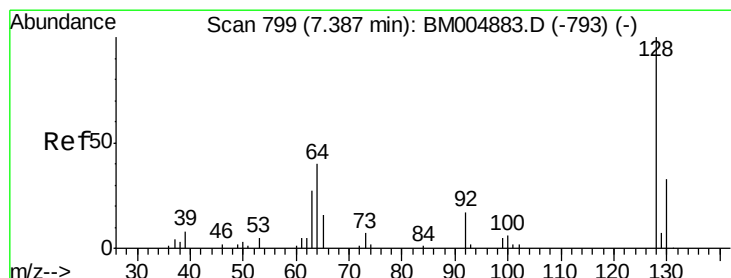
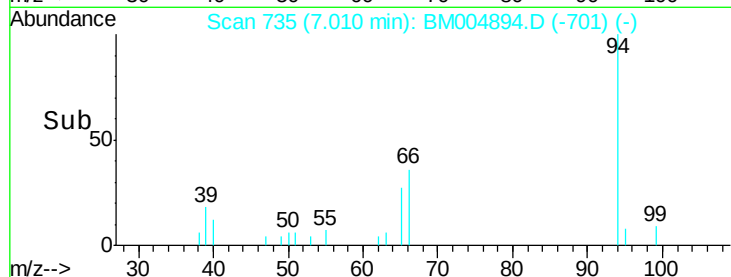
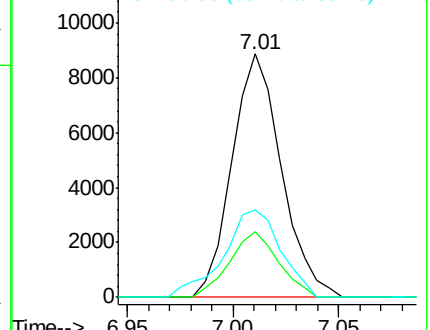
66 36.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004883.D (-729) (-)

Ion 65.00 (64.70 to 65.70): BM004883.D (-729) (-)

Ion 66.00 (65.70 to 66.70): BM004883.D (-729) (-)



#10

2-Chlorophenol

Concen: 5.49 ng/ul

RT: 7.39 min Scan# 799

Delta R.T. 0.00 min

Lab File: BM004894.D

Acq: 05 Apr 2016 23:31

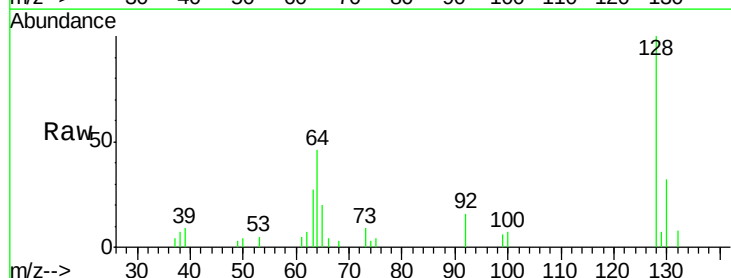
Tgt Ion: 128 Resp: 17901

Ion Ratio Lower Upper

128 100

64 46.1 31.9 47.9

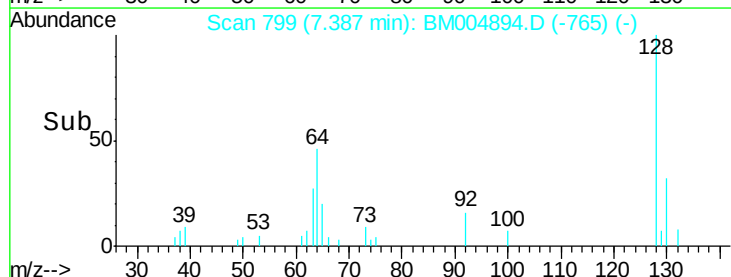
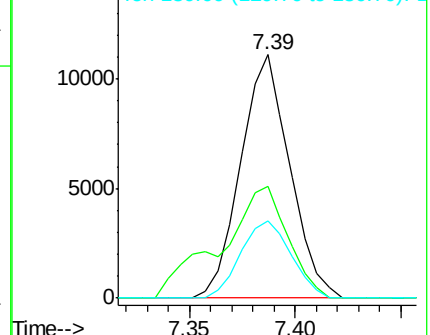
130 31.9 25.6 38.4

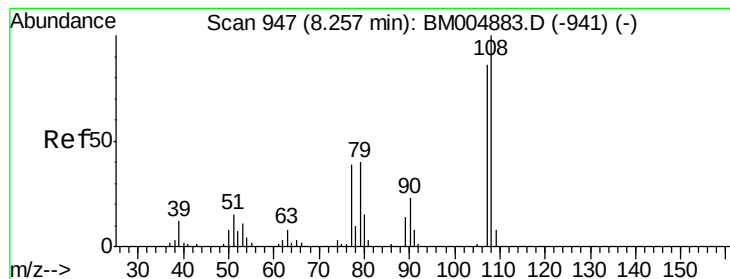


Abundance Ion 128.00 (127.70 to 128.70): BM004883.D (-793) (-)

Ion 64.00 (63.70 to 64.70): BM004883.D (-793) (-)

Ion 130.00 (129.70 to 130.70): BM004883.D (-793) (-)





#11

2-Methylphenol

Concen: 8.45 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. -0.05 min

Lab File: BM004894.D

Acq: 05 Apr 2016 23:31

Instrument :

BNA_M

ClientSampleId :

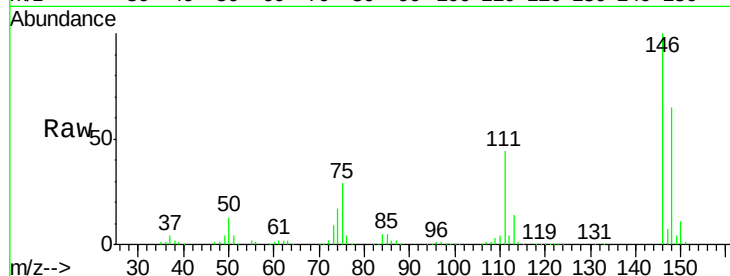
C0AF5

Tgt Ion: 108 Resp: 28428

Ion Ratio Lower Upper

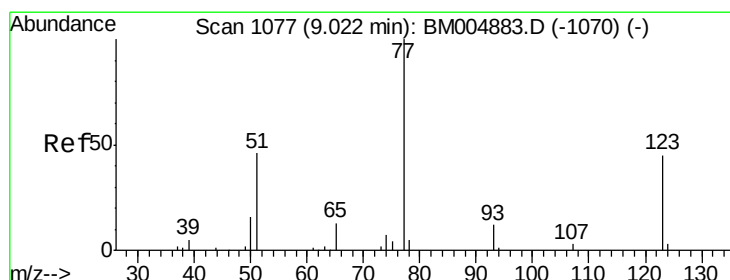
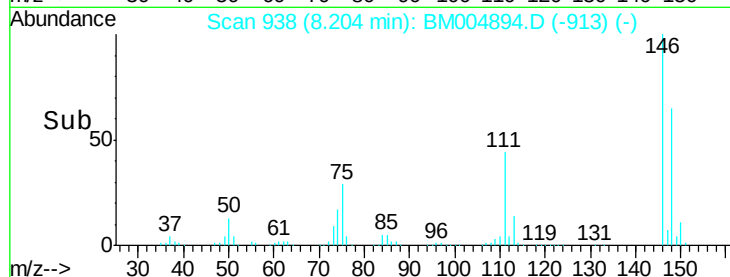
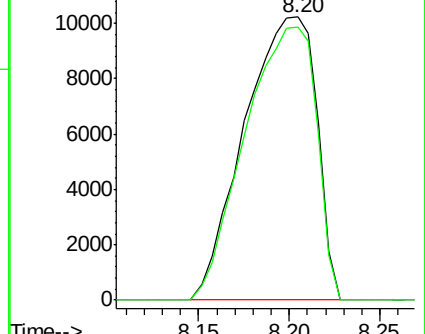
108 100

107 96.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 211.38 ng/ul

RT: 9.03 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BM004894.D

Acq: 05 Apr 2016 23:31

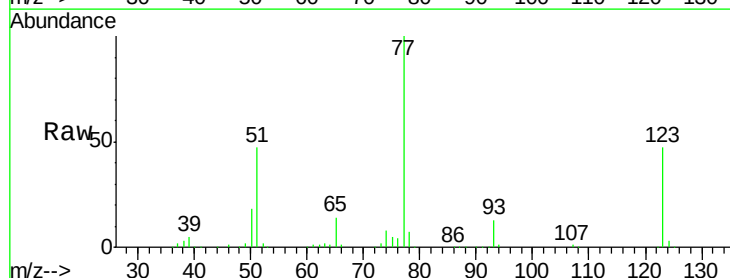
Tgt Ion: 77 Resp: 803807

Ion Ratio Lower Upper

77 100

123 47.4 39.0 58.4

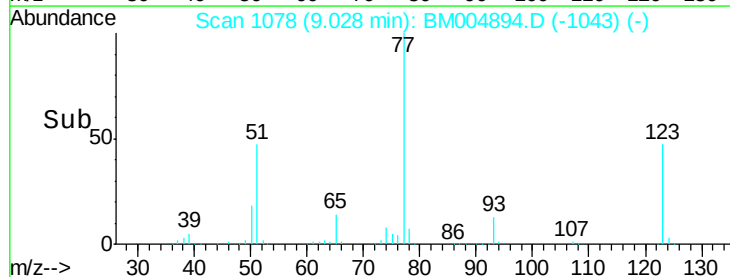
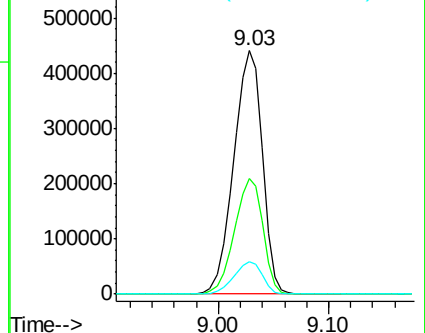
65 13.5 10.4 15.6

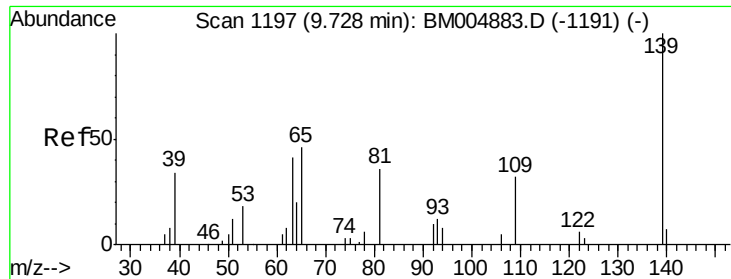


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

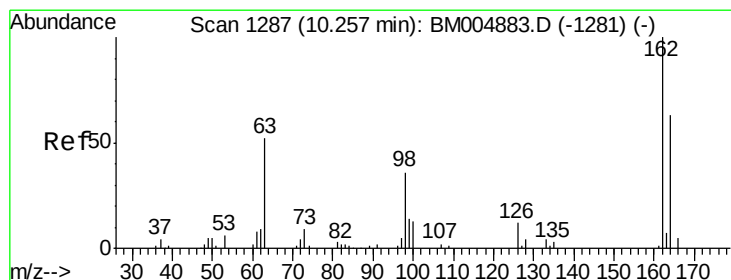
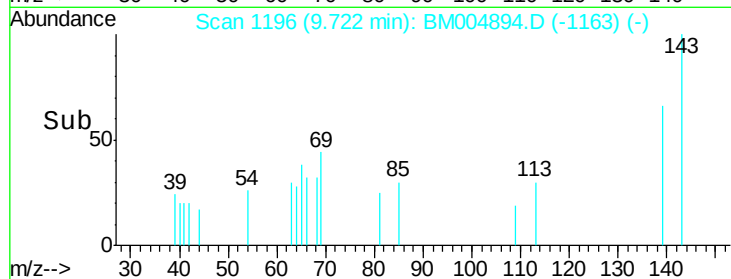
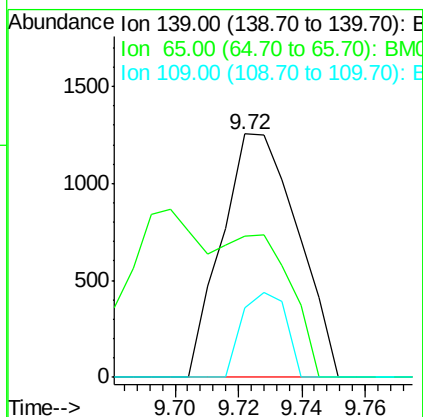
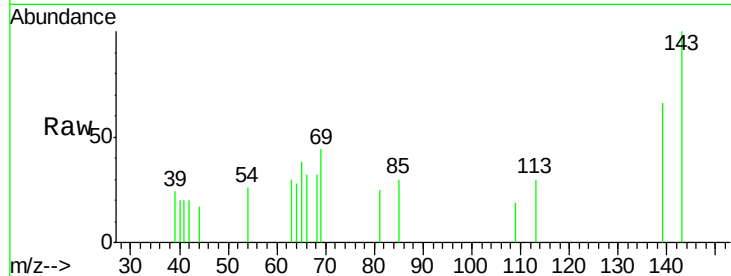




#23
 2-Nitrophenol
 Concen: 1.08 ng/ul
 RT: 9.72 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

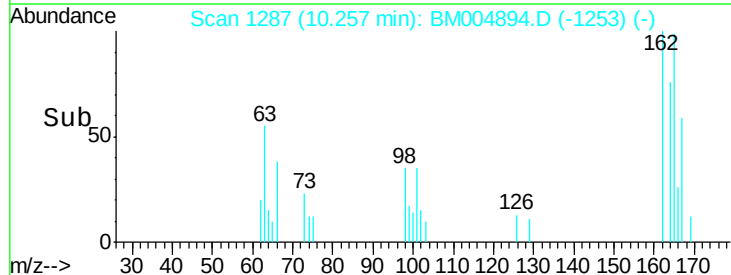
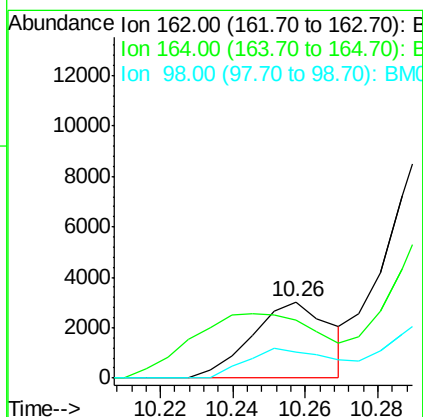
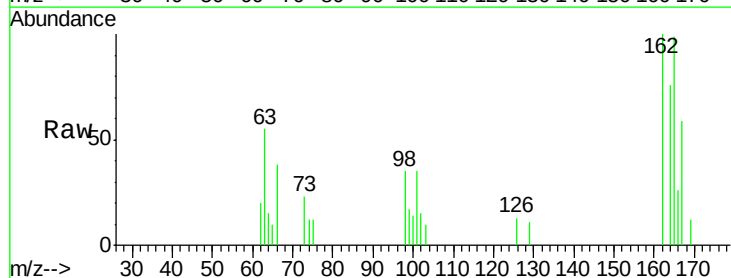
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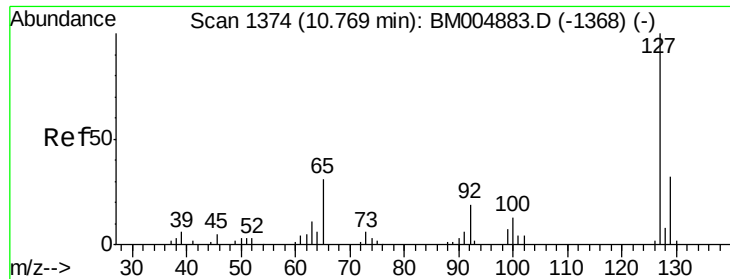
Tgt Ion:139 Resp: 2077
 Ion Ratio Lower Upper
 139 100
 65 58.0 36.3 54.5#
 109 28.7 26.4 39.6



#27
 2,4-Dichlorophenol
 Concen: 1.35 ng/ul
 RT: 10.26 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Tgt Ion:162 Resp: 4584
 Ion Ratio Lower Upper
 162 100
 164 76.1 52.1 78.1
 98 34.7 28.4 42.6

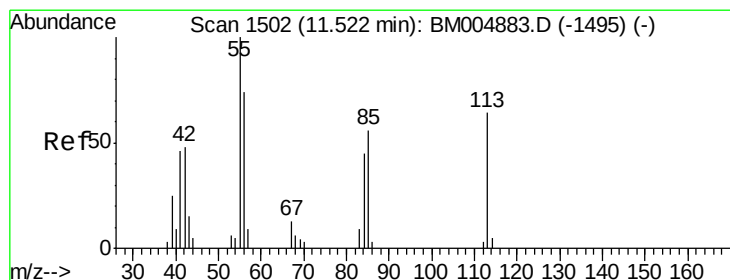
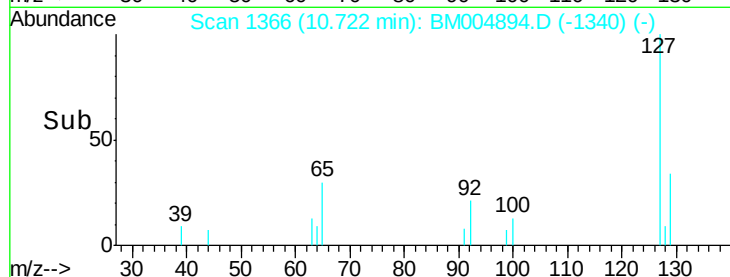
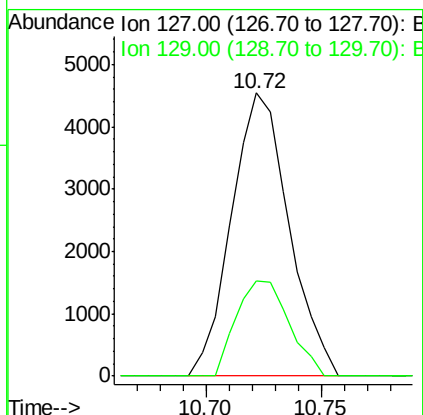
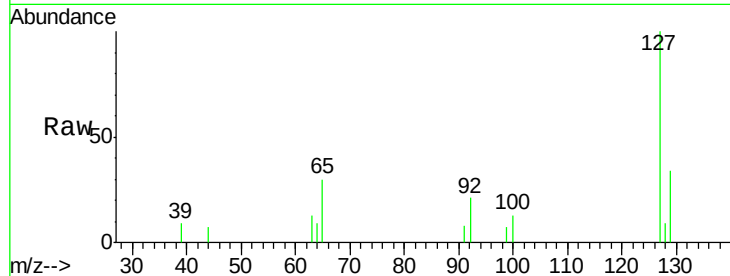




#30
4-Chloroaniline
Concen: 1.90 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. -0.05 min
Lab File: BM004894.D
Acq: 05 Apr 2016 23:31

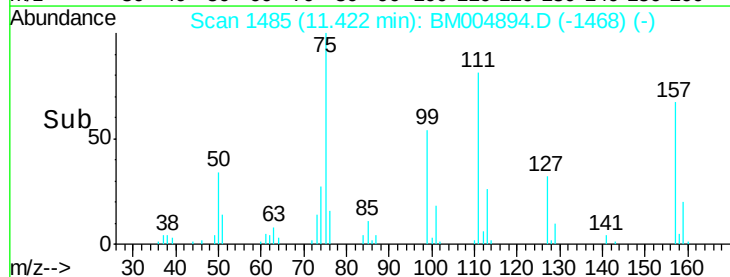
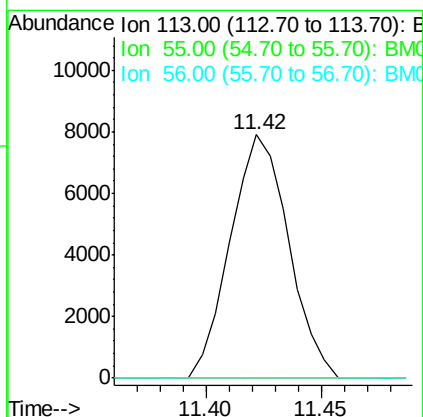
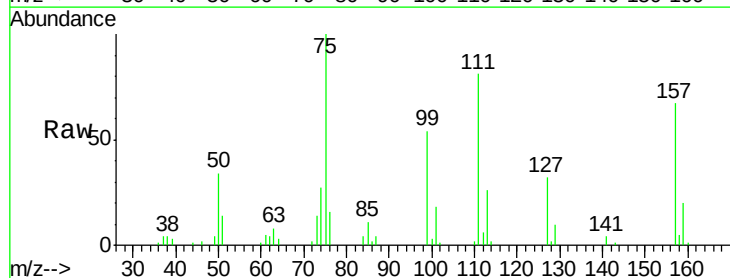
Instrument :
BNA_M
ClientSampleId :
C0AF5

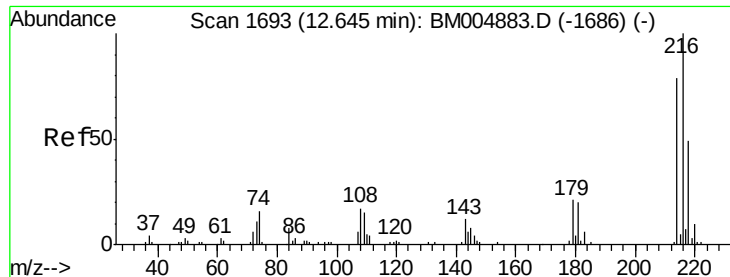
Tgt Ion:127 Resp: 7878
Ion Ratio Lower Upper
127 100
129 33.6 25.4 38.2



#32
Caprolactam
Concen: 10.80 ng/ul
RT: 11.42 min Scan# 1485
Delta R.T. -0.10 min
Lab File: BM004894.D
Acq: 05 Apr 2016 23:31

Tgt Ion:113 Resp: 13873
Ion Ratio Lower Upper
113 100
55 0.0 101.9 152.9#
56 0.0 81.2 121.8#

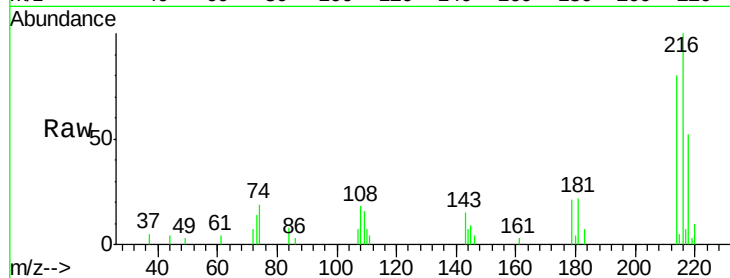




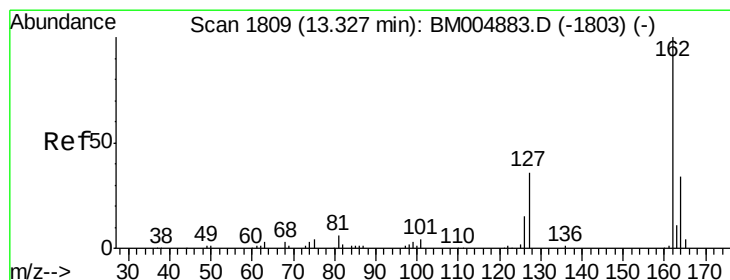
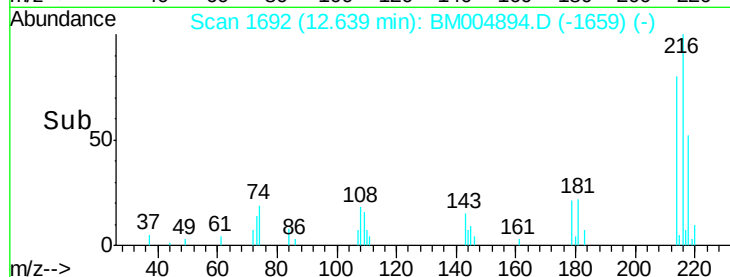
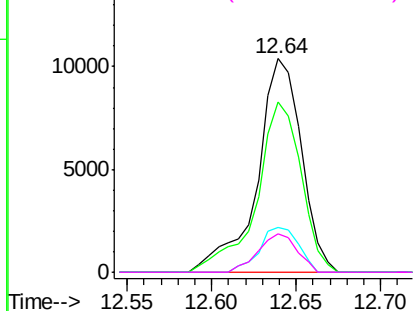
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.61 ng/ul
 RT: 12.64 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Tgt Ion:	216	Resp:	18877
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
179	21.0	18.2	27.2
108	18.1	14.2	21.2

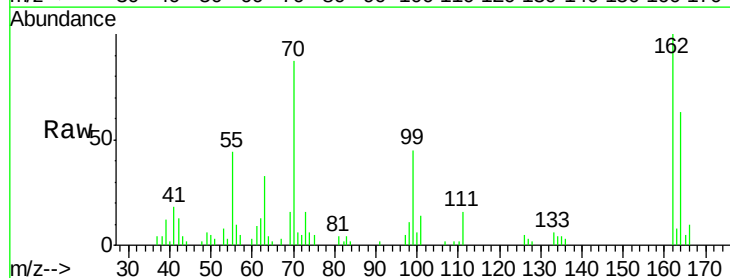


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

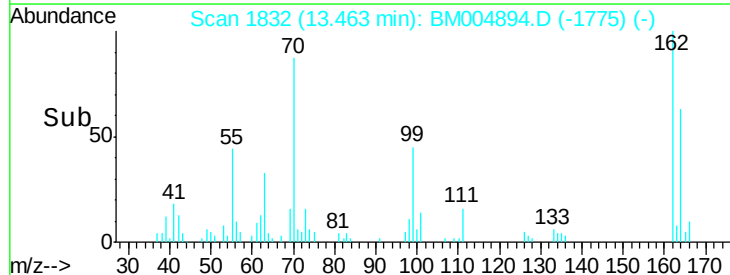
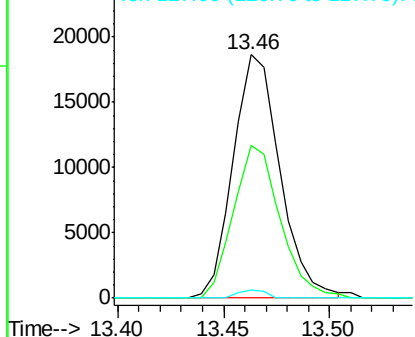


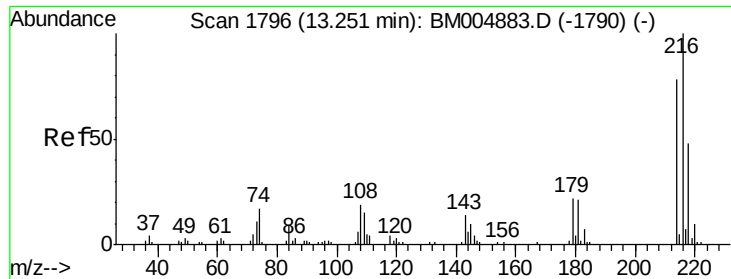
#42
 2-Chloronaphthalene
 Concen: 3.56 ng/ul
 RT: 13.46 min Scan# 1832
 Delta R.T. 0.14 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Tgt Ion:	162	Resp:	28835
Ion	Ratio	Lower	Upper
162	100		
164	62.6	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





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.42 ng/uL
 RT: 13.25 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Instrument :
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Tgt Ion:	216	Resp:	40459
Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.5	93.7
218	46.9	38.4	57.6

