

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040516\
 Data File : BM004893.D
 Acq On : 05 Apr 2016 22:56
 Operator : UM/SJ
 Sample : H2086-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF4

Quant Time: Apr 06 01:37:47 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	48955	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	252115	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	146171	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	360868	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	481803	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	498676	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	708	0.59	ng/uL	0.00
5) Phenol-d5	6.99	99	16388	3.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	55915	23.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	59809	18.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	36118	9.89	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	38973	21.79	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	42346	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	68912	18.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1548	0.35	ng/ul	0.01
44) Dimethylphthalate-d6	13.86	166	267307	23.18	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	311062	22.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	7050	3.09	ng/ul	0.00
58) Fluorene-d10	15.45	176	229706	23.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	41523	19.20	ng/ul	0.00
71) Anthracene-d10	17.30	188	375922	23.28	ng/ul	0.00
79) Pyrene-d10	19.59	212	467477	22.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	518953	23.49	ng/ul	0.00

Target Compounds

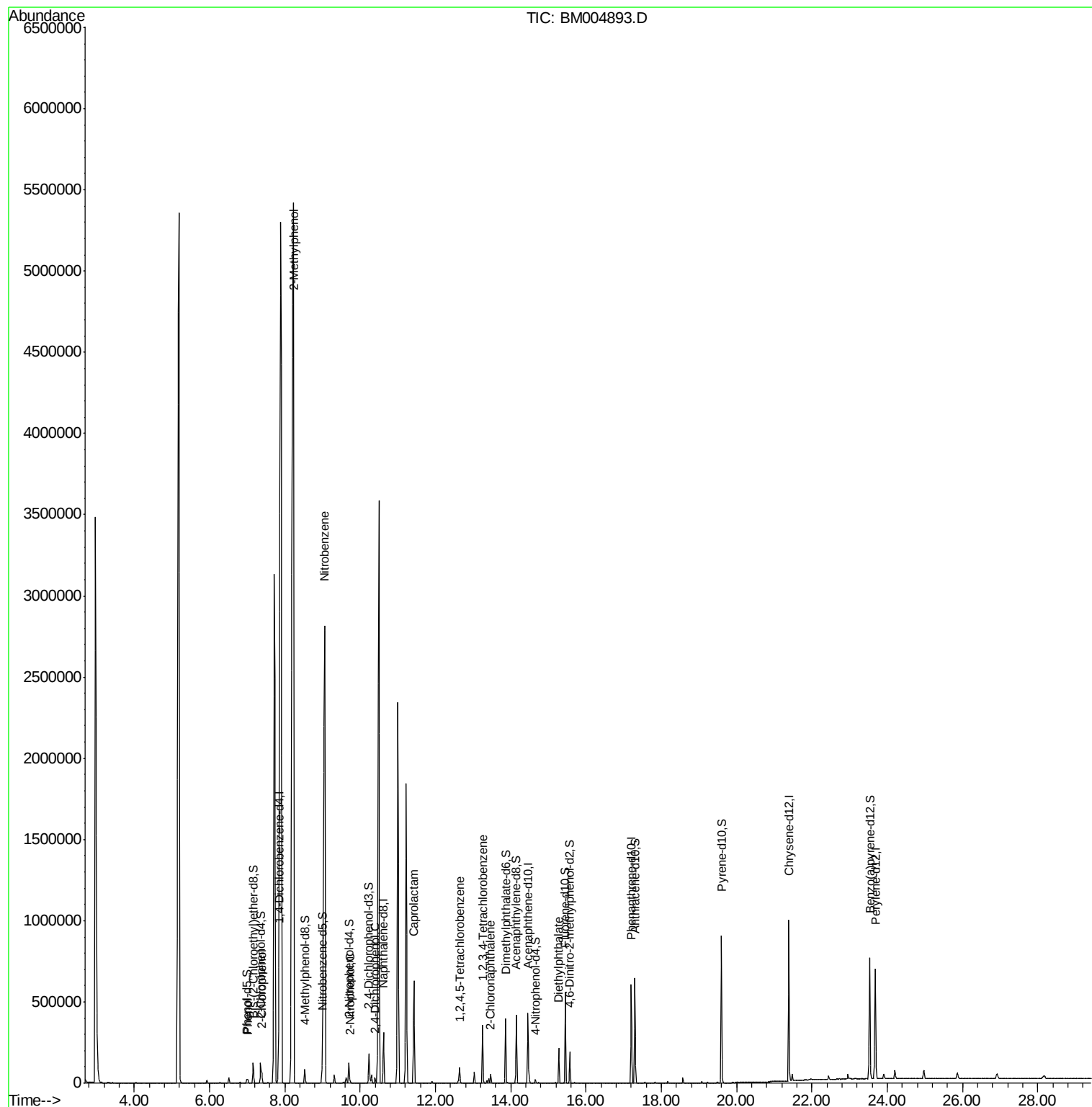
						Qvalue
6) Phenol	7.01	94	14392	3.17	ng/ul	99
10) 2-Chlorophenol	7.39	128	29329	8.44	ng/ul	95
11) 2-Methylphenol	8.23	108	42712	11.91	ng/ul	90
20) Nitrobenzene	9.06	77	2661477	620.09	ng/ul	98
23) 2-Nitrophenol	9.73	139	5162	2.38	ng/ul	93
27) 2,4-Dichlorophenol	10.40	162	12005	3.13	ng/ul	94
32) Caprolactam	11.43	113	46120	31.82	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	33204	7.34	ng/ul	98
42) 2-Chloronaphthalene	13.46	162	19199	2.15	ng/ul#	39
57) Diethylphthalate	15.27	149	117743	9.90	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	104414	22.27	ng/uL	100

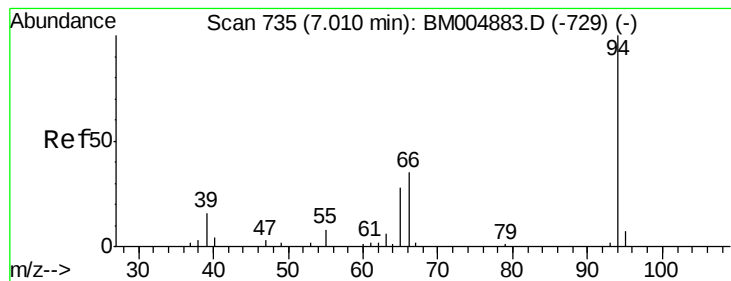
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.17 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

Instrument :

BNA_M

ClientSampled :

C0AF4

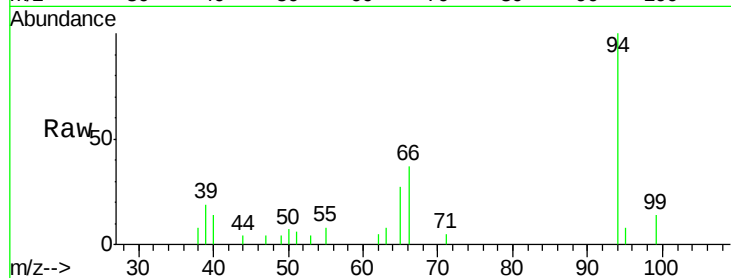
Tgt Ion: 94 Resp: 14392

Ion Ratio Lower Upper

94 100

65 27.2 21.0 31.6

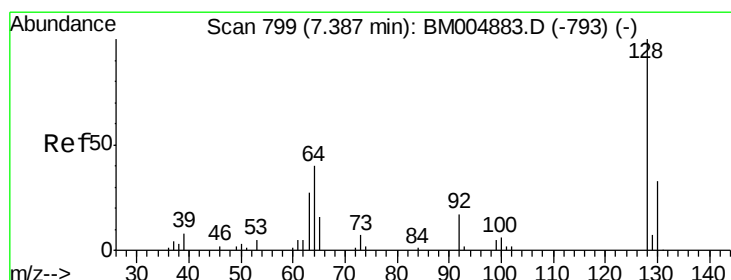
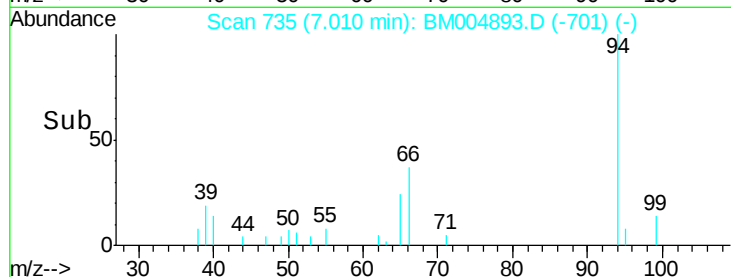
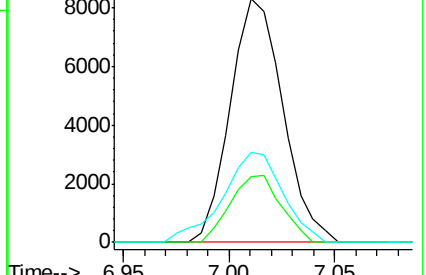
66 37.0 29.3 43.9



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: 8.44 ng/ul

RT: 7.39 min Scan# 799

Delta R.T. 0.00 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

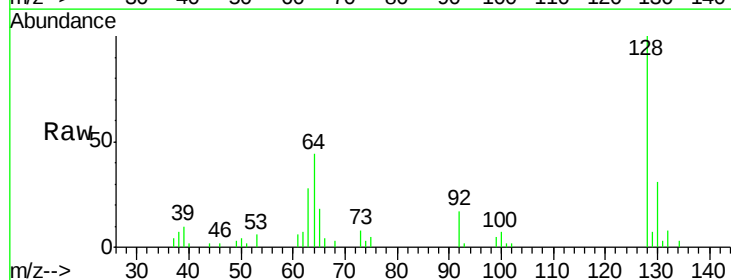
Tgt Ion: 128 Resp: 29329

Ion Ratio Lower Upper

128 100

64 44.1 31.9 47.9

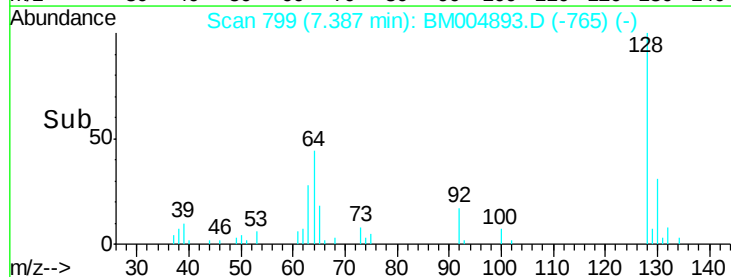
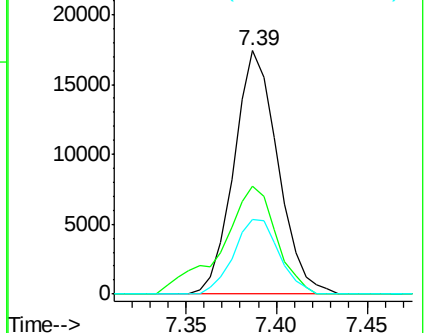
130 30.6 25.6 38.4

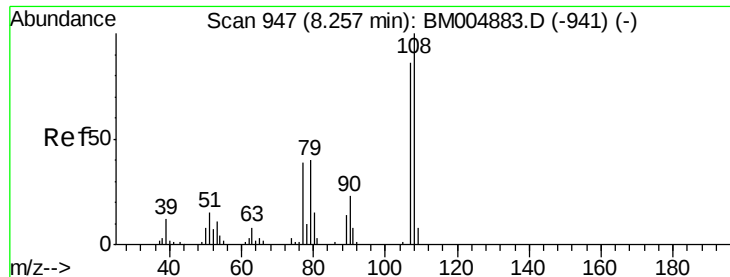


Abundance Ion 128.00 (127.70 to 128.70): BM004883.D (-793) (-)

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

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

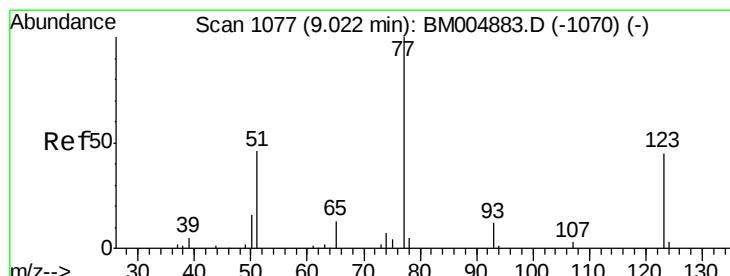
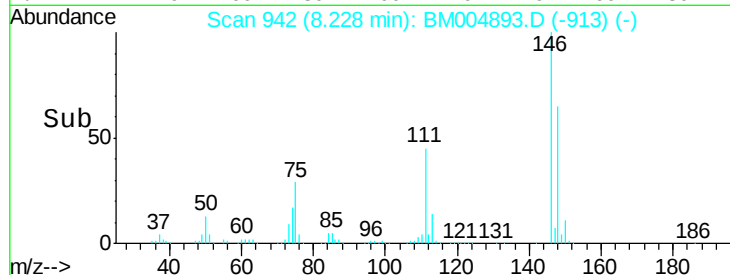
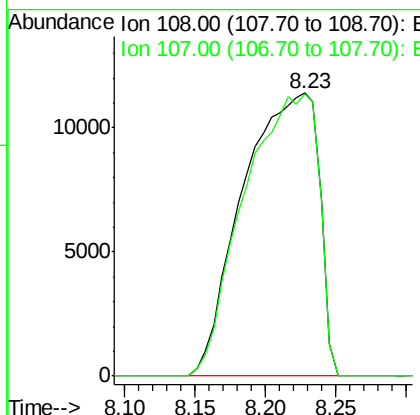
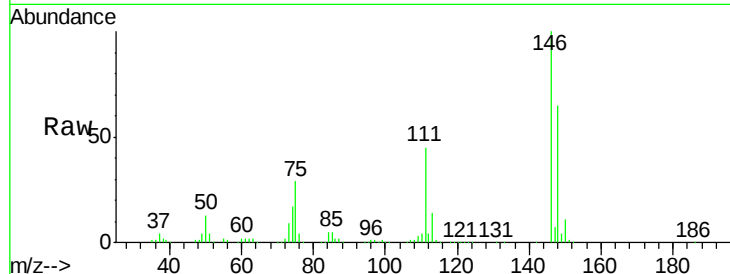




#11
 2-Methylphenol
 Concen: 11.91 ng/ul
 RT: 8.23 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BM004893.D
 Acq: 05 Apr 2016 22:56

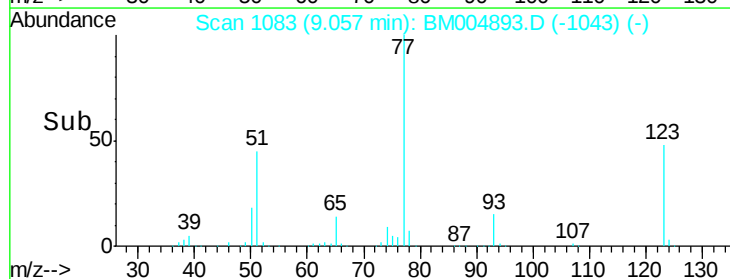
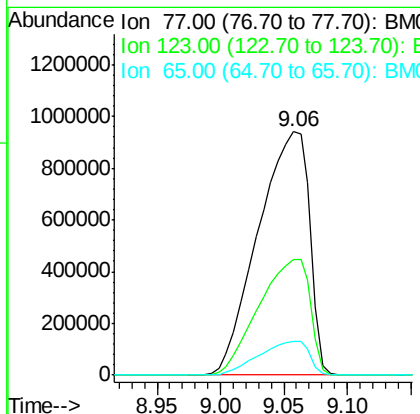
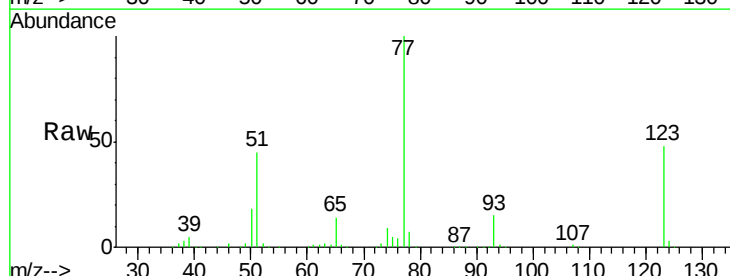
Instrument :
 BNA_M
 ClientSampleId :
 C0AF4

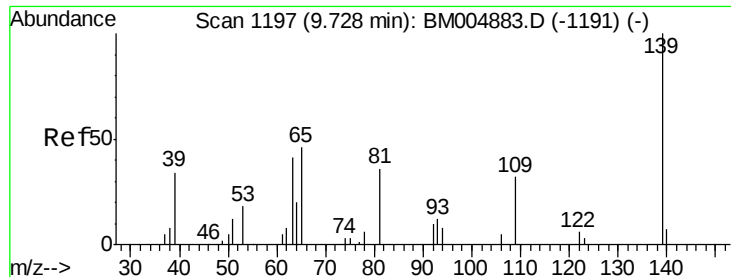
Tgt Ion: 108 Resp: 42712
 Ion Ratio Lower Upper
 108 100
 107 99.8 72.4 108.6



#20
 Nitrobenzene
 Concen: 620.09 ng/ul
 RT: 9.06 min Scan# 1083
 Delta R.T. 0.04 min
 Lab File: BM004893.D
 Acq: 05 Apr 2016 22:56

Tgt Ion: 77 Resp: 2661477
 Ion Ratio Lower Upper
 77 100
 123 47.7 39.0 58.4
 65 14.1 10.4 15.6





#23

2-Nitrophenol

Concen: 2.38 ng/ul

RT: 9.73 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

Instrument :

BNA_M

ClientSampleId :

C0AF4

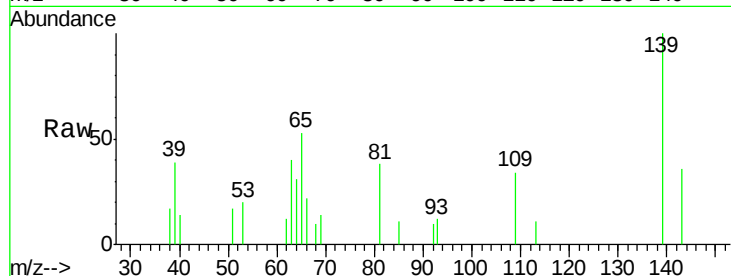
Tgt Ion:139 Resp: 5162

Ion Ratio Lower Upper

139 100

65 52.8 36.3 54.5

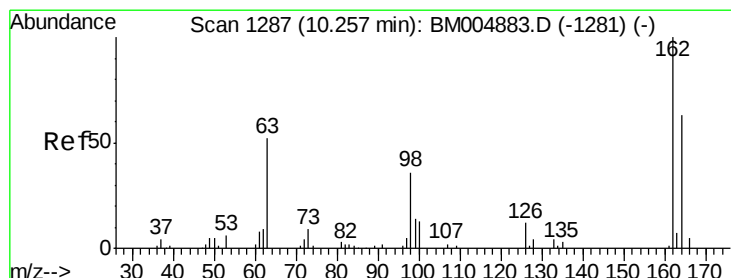
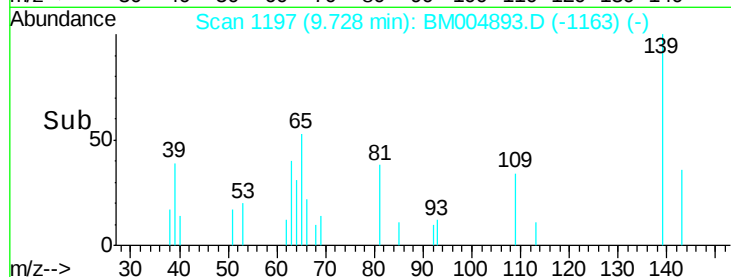
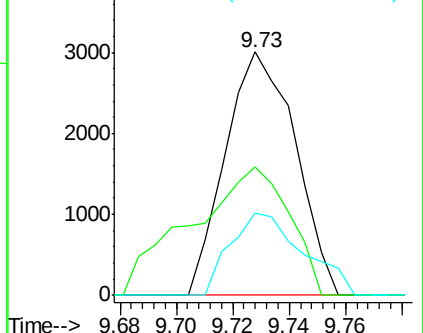
109 33.9 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 3.13 ng/ul

RT: 10.40 min Scan# 1311

Delta R.T. 0.14 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

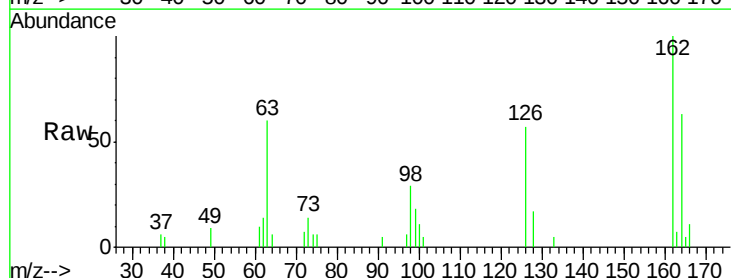
Tgt Ion:162 Resp: 12005

Ion Ratio Lower Upper

162 100

164 63.1 52.1 78.1

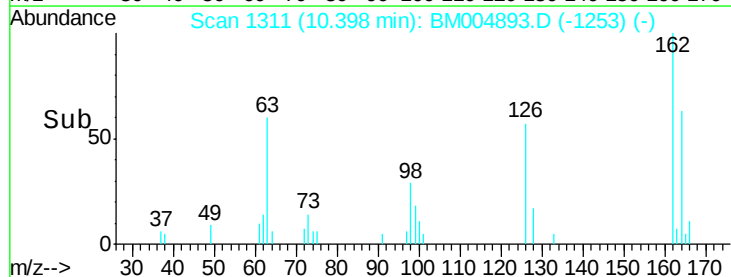
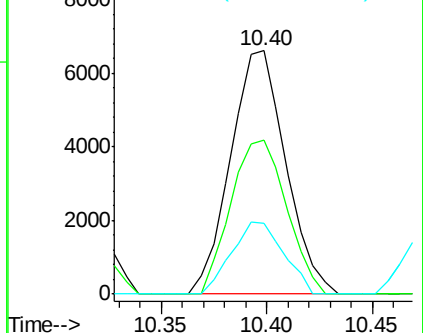
98 28.8 28.4 42.6

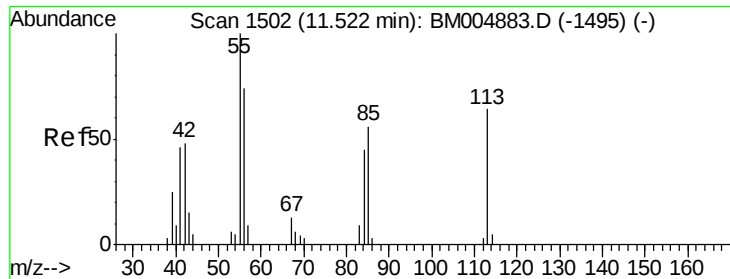


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM





#32

Caprolactam

Concen: 31.82 ng/ul

RT: 11.43 min Scan# 1486

Delta R.T. -0.09 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

Instrument :

BNA_M

ClientSampleId :

C0AF4

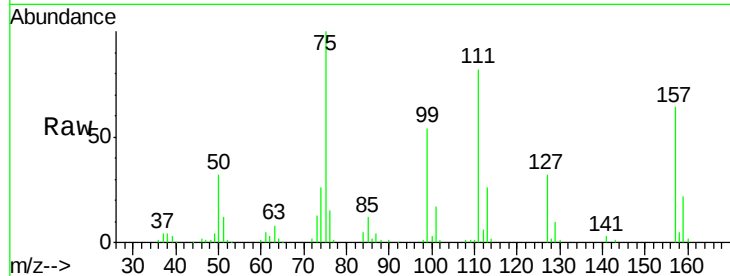
Tgt Ion:113 Resp: 46120

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

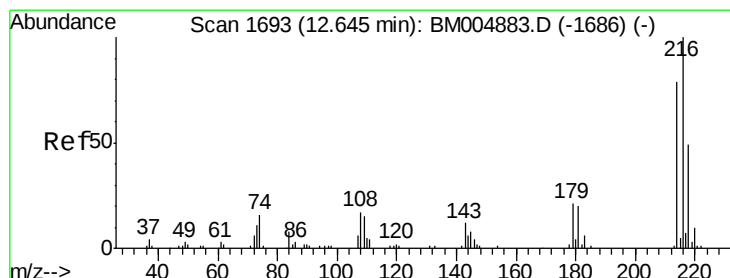
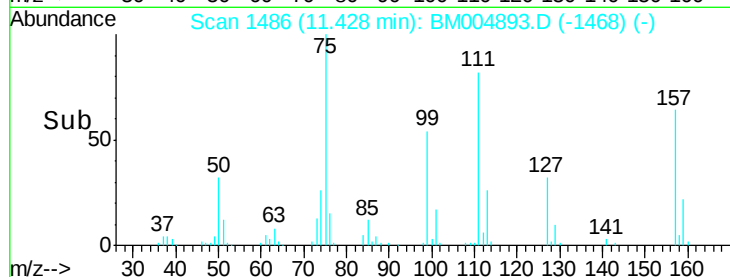
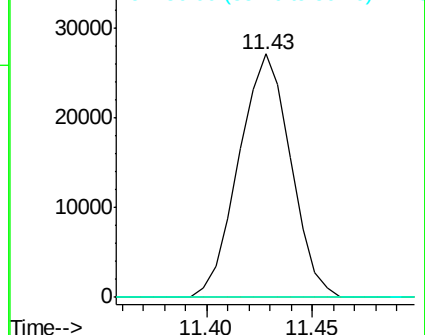
56 0.0 81.2 121.8#



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: 7.34 ng/ul

RT: 12.64 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM004893.D

Acq: 05 Apr 2016 22:56

Tgt Ion:216 Resp: 33204

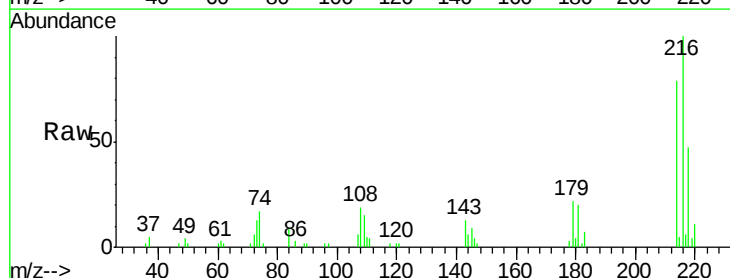
Ion Ratio Lower Upper

216 100

214 79.3 62.5 93.7

179 21.9 18.2 27.2

108 18.6 14.2 21.2

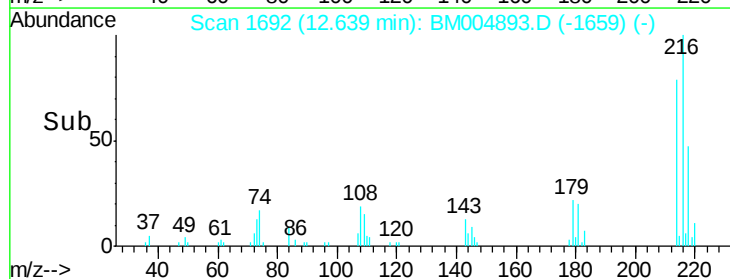
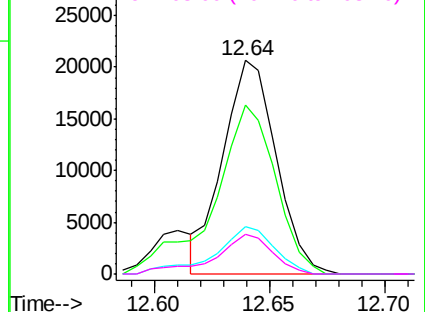


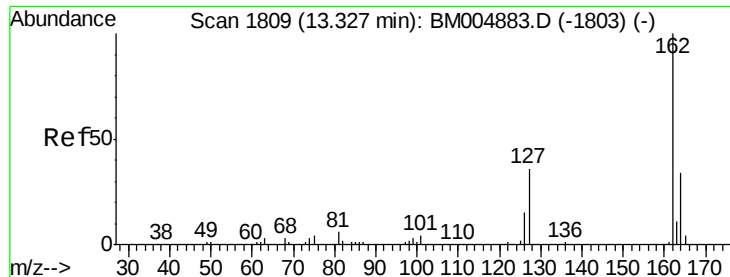
Abundance Ion 216.00 (215.70 to 216.70): E

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

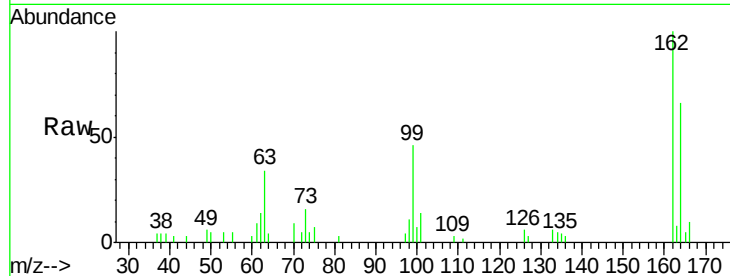




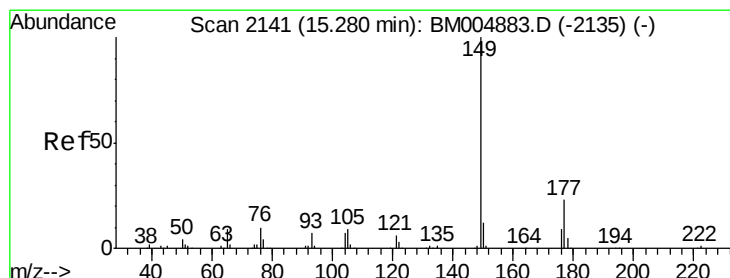
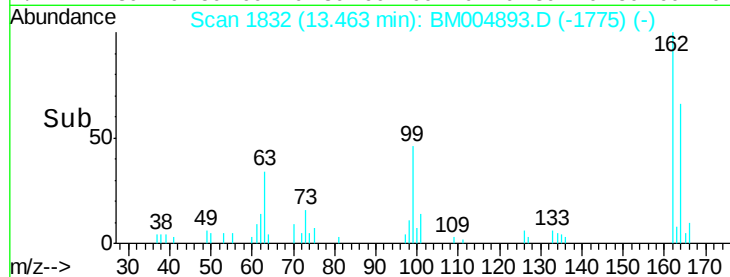
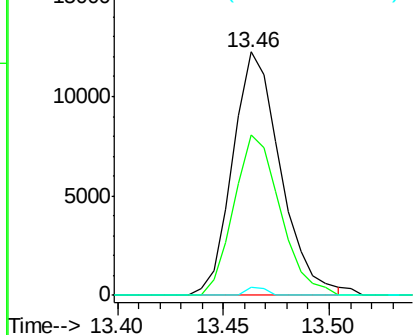
#42
 2-Chloronaphthalene
 Concen: 2.15 ng/ul
 RT: 13.46 min Scan# 1832
 Delta R.T. 0.14 min
 Lab File: BM004893.D
 Acq: 05 Apr 2016 22:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AF4

Tgt Ion:162 Resp: 19199
 Ion Ratio Lower Upper
 162 100
 164 66.1 25.9 38.9#
 127 3.5 34.1 51.1#

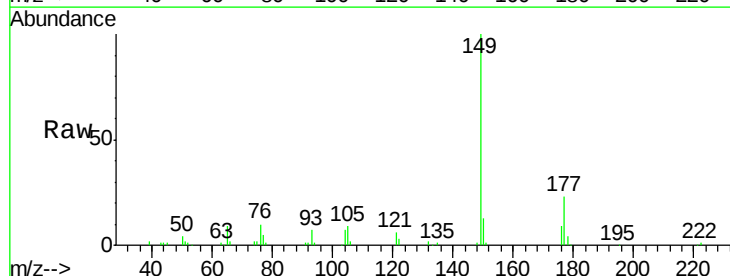


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

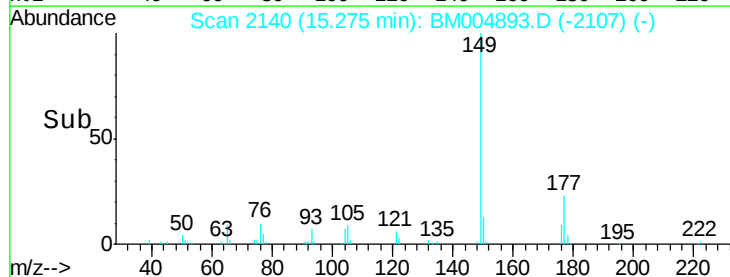
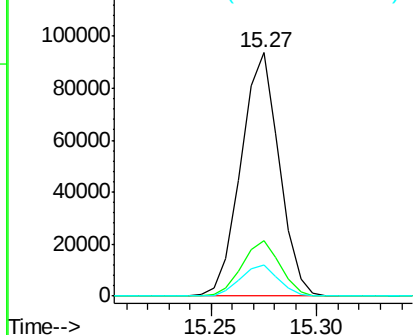


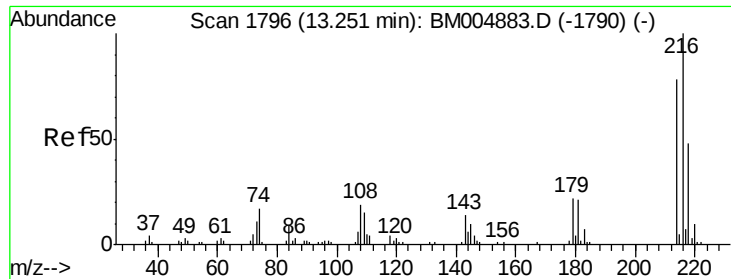
#57
 Diethylphthalate
 Concen: 9.90 ng/ul
 RT: 15.27 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BM004893.D
 Acq: 05 Apr 2016 22:56

Tgt Ion:149 Resp: 117743
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.4 26.2
 150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

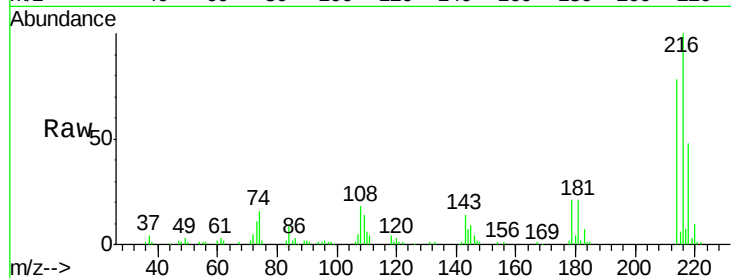




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 22.27 ng/uL
 RT: 13.25 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BM004893.D
 Acq: 05 Apr 2016 22:56

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	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

