

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 03:23:02 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

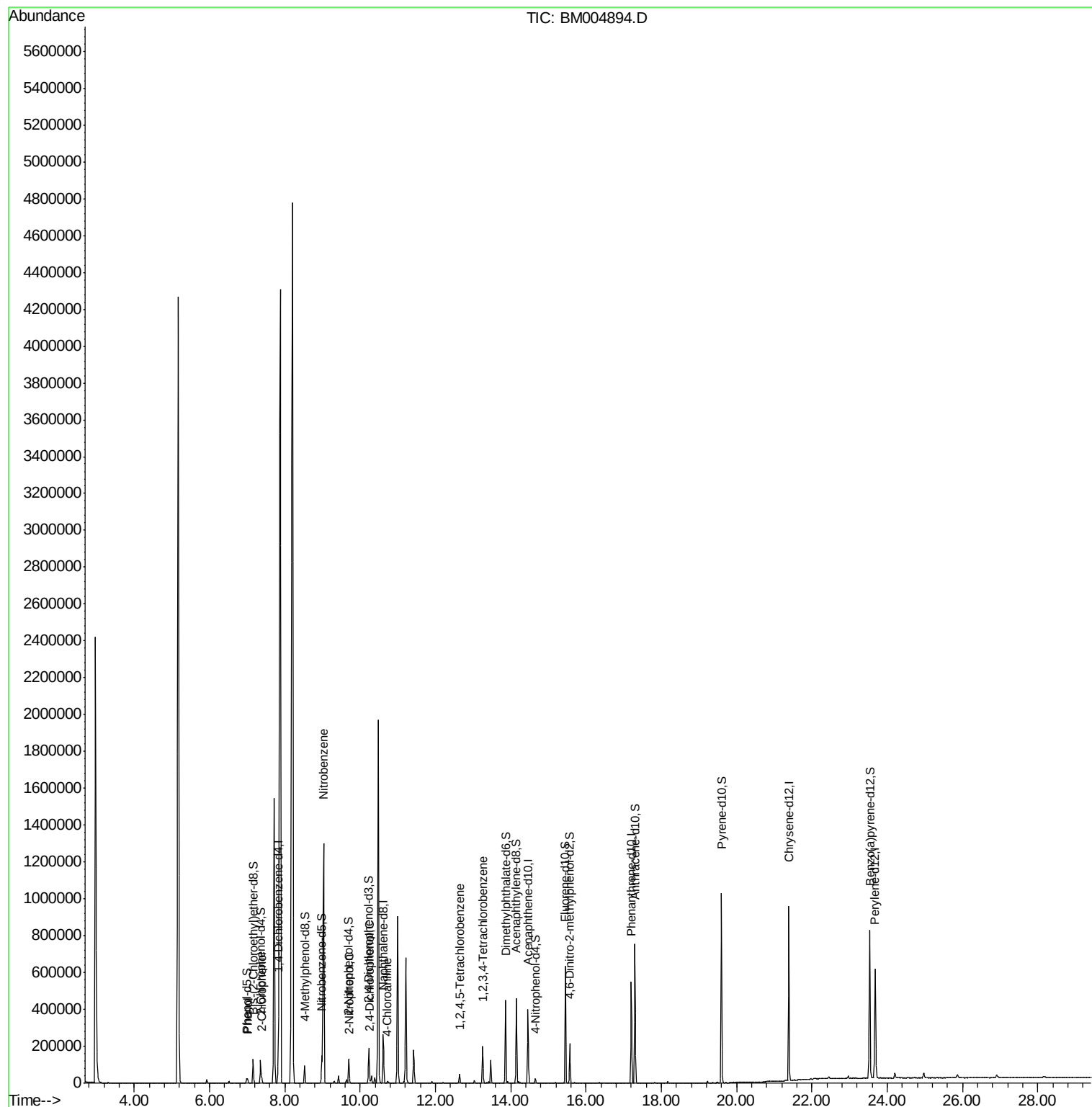
						Ovalue
6) Phenol	7.01	94	14415	3.38	ng/ul	99
10) 2-Chlorophenol	7.39	128	17901	5.49	ng/ul	94
20) Nitrobenzene	9.03	77	803807	211.38	ng/ul	98
23) 2-Nitrophenol	9.72	139	2077	1.08	ng/ul#	86
27) 2,4-Dichlorophenol	10.26	162	4584	1.35	ng/ul	90
30) 4-Chloroaniline	10.72	127	7878	1.90	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	18877	4.61	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	40459	9.42	ng/uL	98

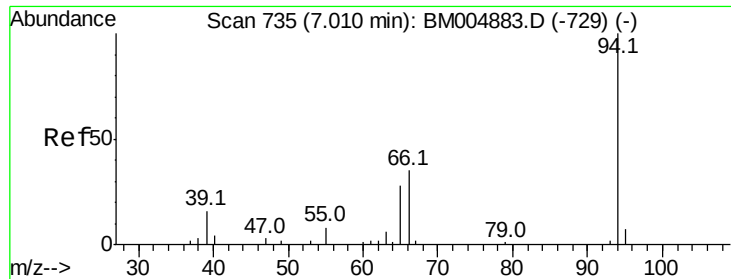
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.38 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM004894.D

Acq: 05 Apr 2016 23:31

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ClientSampleId :

C0AF5

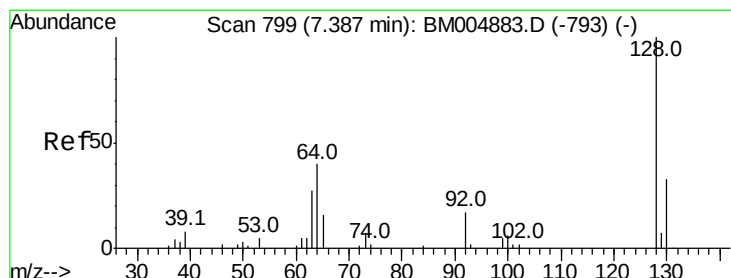
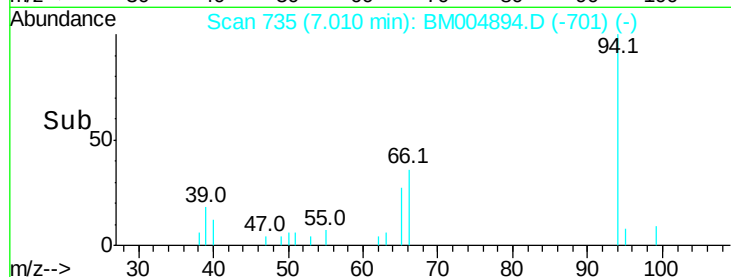
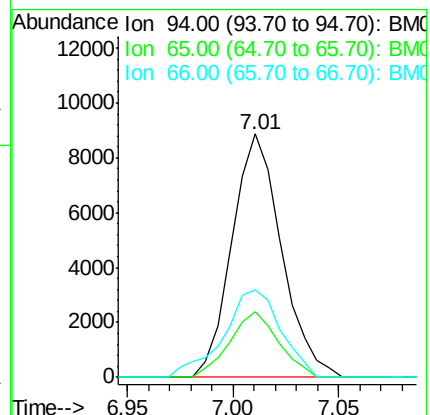
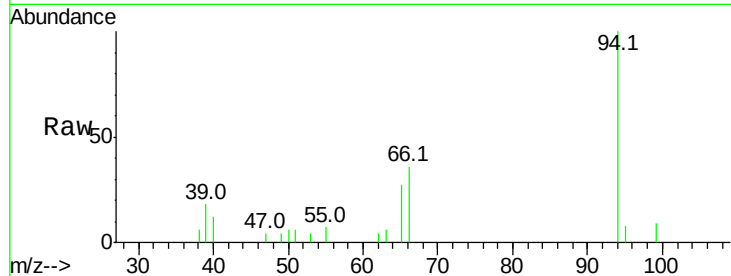
Tot Ion: 94 Resp: 14415

Ion Ratio Lower Upper

94 100

65 27.0 21.0 31.6

66 36.0 29.3 43.9



#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

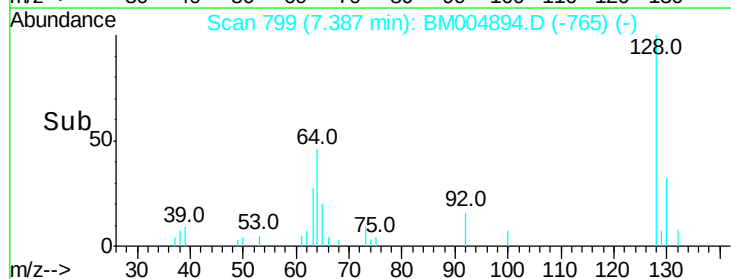
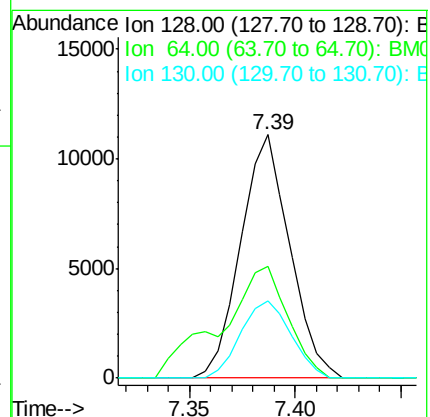
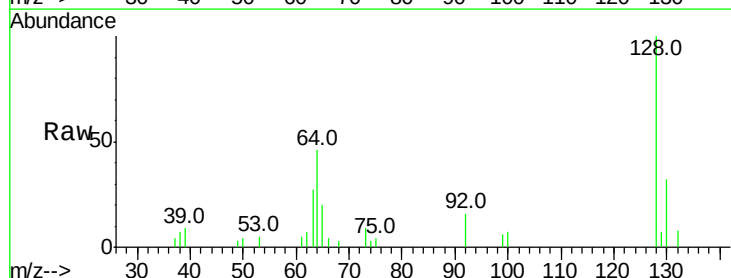
Tgt Ion:128 Resp: 17901

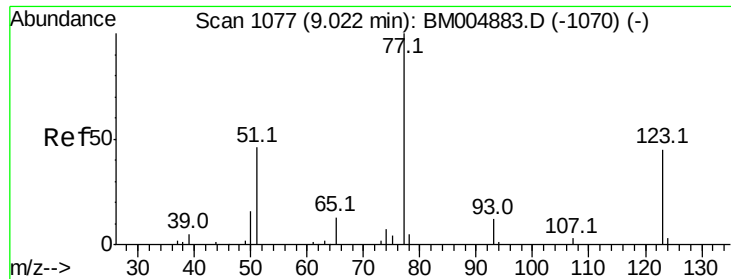
Ion Ratio Lower Upper

128 100

64 46.1 31.9 47.9

130 31.9 25.6 38.4

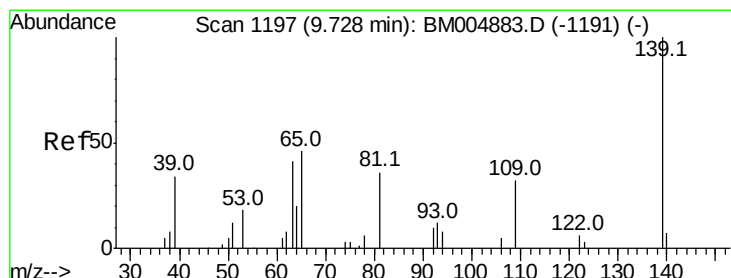
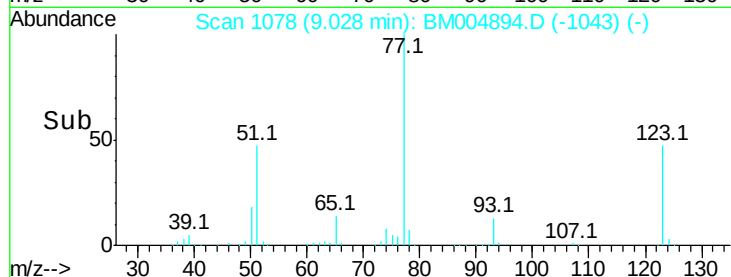
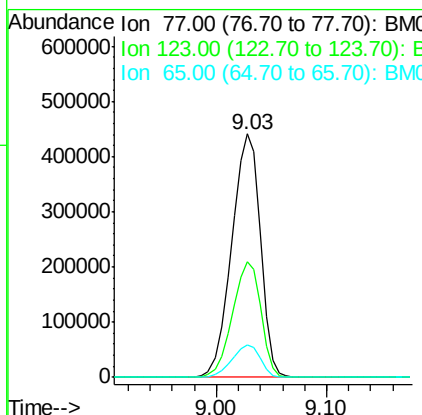
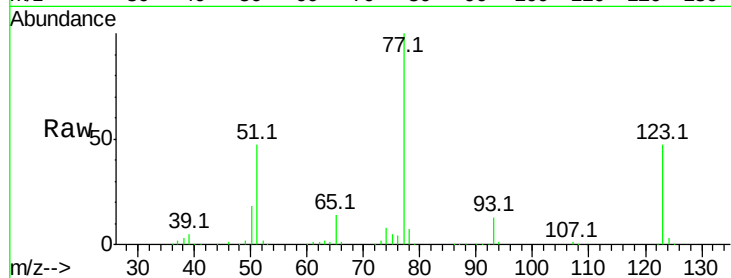




#20
 Nitrobenzene
 Concen: 211.38 ng/ul
 RT: 9.03 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

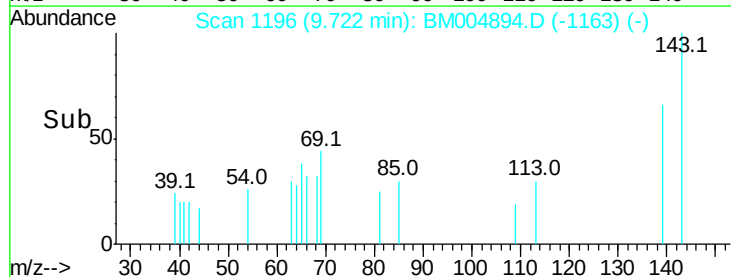
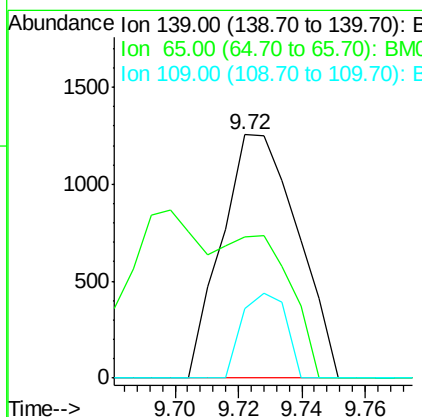
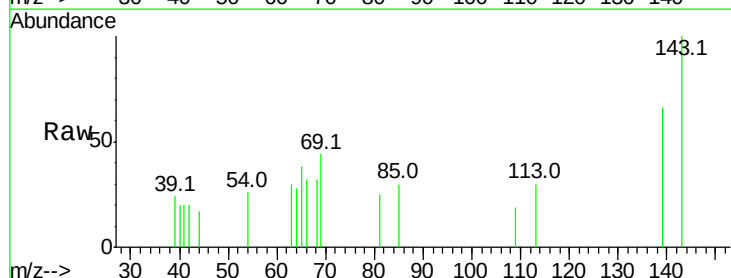
Instrument :
 BNA_M
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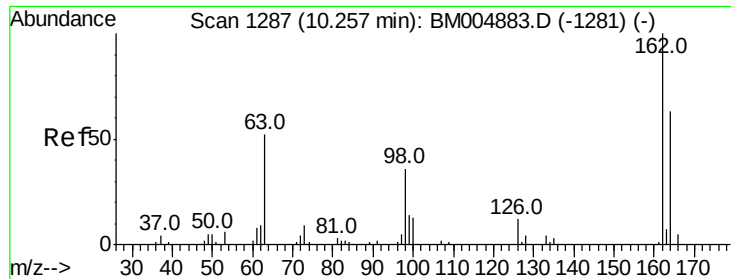
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.4	39.0	58.4
65	13.5	10.4	15.6



#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

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

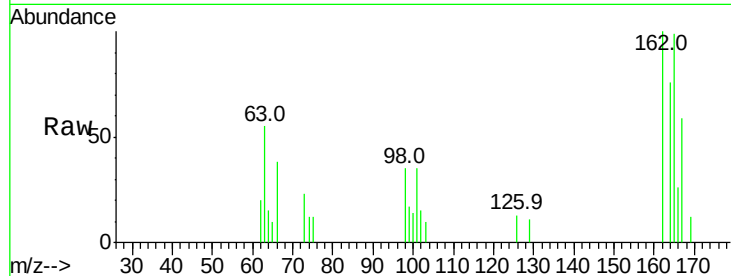




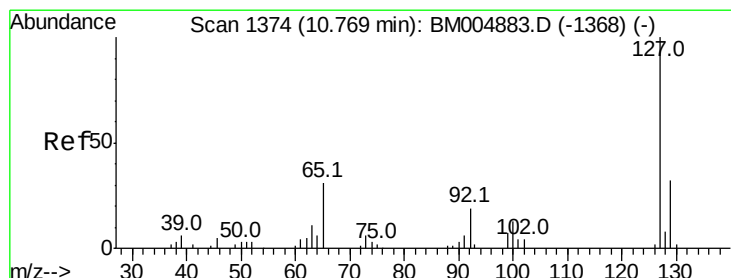
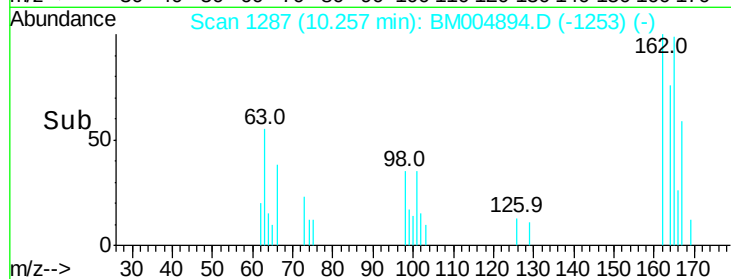
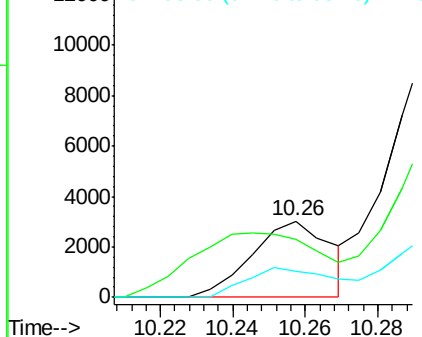
#27
 2,4-Dichlorophenol
 Concen: 1.35 ng/ul
 RT: 10.26 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

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

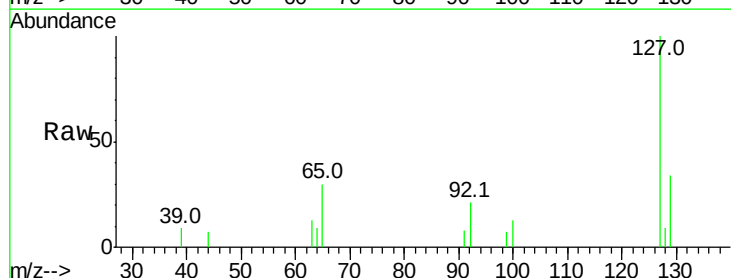


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

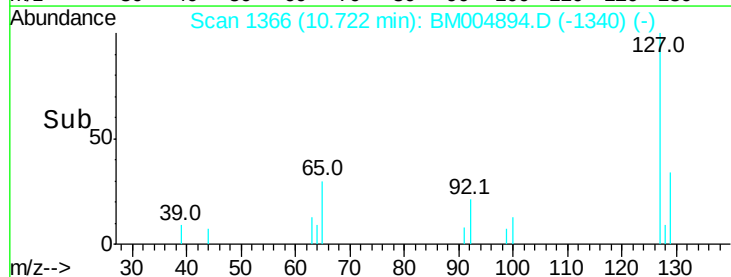
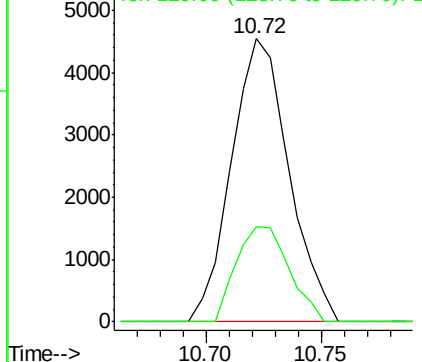


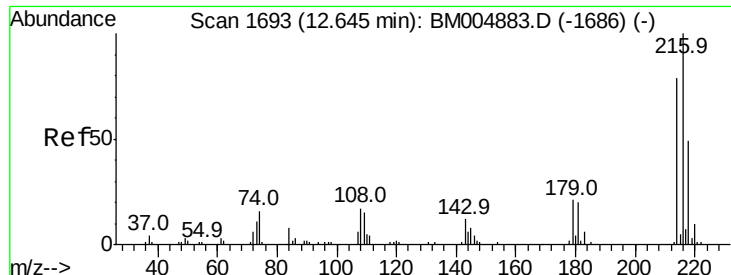
#30
 4-Chloroaniline
 Concen: 1.90 ng/ul
 RT: 10.72 min Scan# 1366
 Delta R.T. -0.05 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

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



Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E

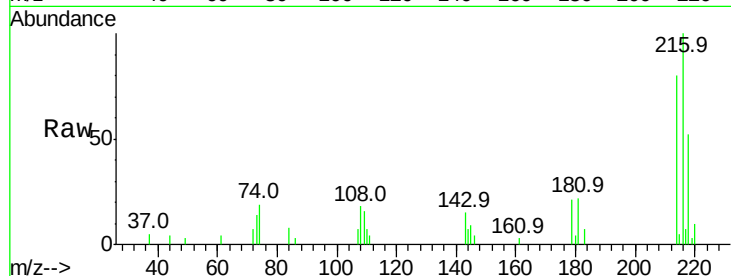




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.61 ng/ul
 RT: 12.64 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM004894.D
 Acq: 05 Apr 2016 23:31

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Tot 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

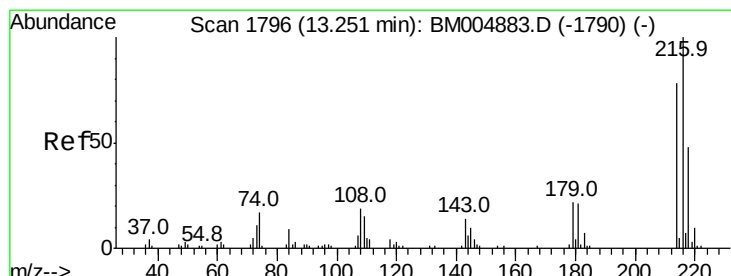
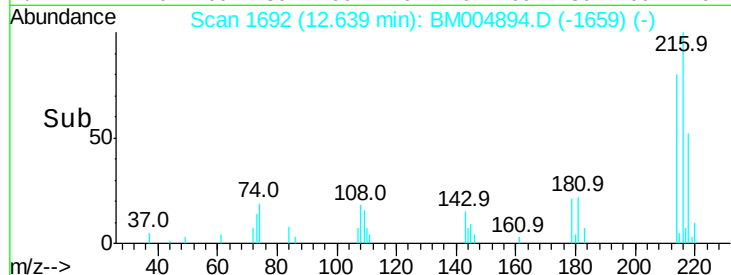
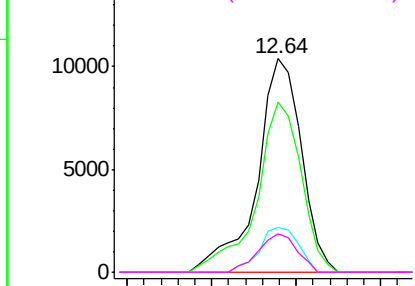


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

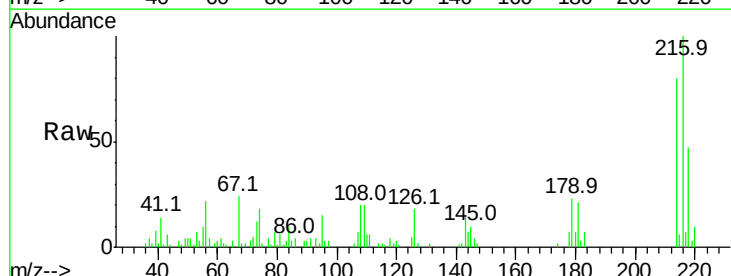
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#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

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



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

