

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004675.D
 Acq On : 17 Mar 2016 20:23
 Operator : UM/SJ
 Sample : H1783-16DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:08:52 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	7.87	152	43657	20.00	ng/ul	0.03
18) Naphthalene-d8	10.64	136	276613	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	146037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	326592	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	363821	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	343106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	928	0.73	ng/uL	0.00
5) Phenol-d5	7.00	99	17511	4.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	54500	26.80	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	59417	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	35335	12.22	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	34471	17.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	34402	16.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	62569	15.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1760	0.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	207431	18.17	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	258518	18.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	3577	1.62	ng/ul	0.00
58) Fluorene-d10	15.47	176	185632	18.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	17885	10.42	ng/ul	0.00
71) Anthracene-d10	17.32	188	283744	18.87	ng/ul	0.00
79) Pyrene-d10	19.61	212	323317	19.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	321199	20.96	ng/ul	0.00

Target Compounds

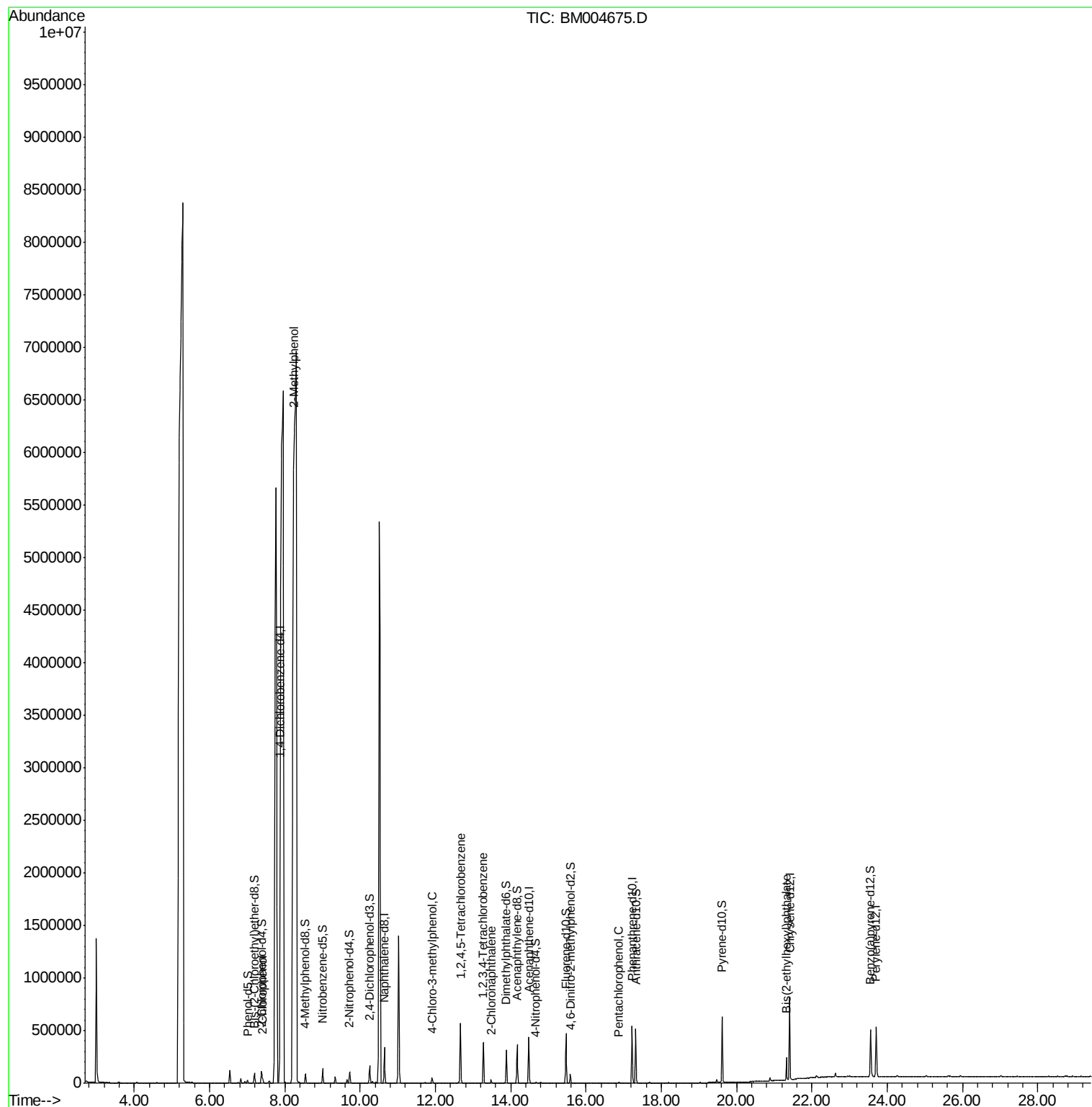
						Ovalue
10) 2-Chlorophenol	7.42	128	18098	5.94	ng/ul	96
11) 2-Methylphenol	8.23	108	26613	9.17	ng/ul	93
33) 4-Chloro-3-methylphenol	11.90	107	18761	3.95	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	183193	39.27	ng/ul	98
42) 2-Chloronaphthalene	13.48	162	13481	1.47	ng/ul#	39
69) Pentachlorophenol	16.87	266	2889	1.21	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	119502	26.60	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	76067	6.07	ng/ul	98

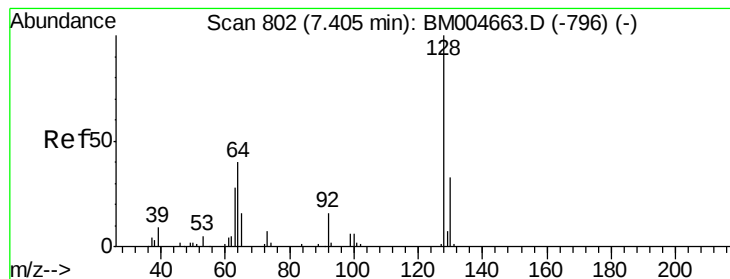
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 5.94 ng/ul

RT: 7.42 min Scan# 804

Delta R.T. 0.01 min

Lab File: BM004675.D

Acq: 17 Mar 2016 20:23

Instrument :

BNA_M

ClientSampleId :

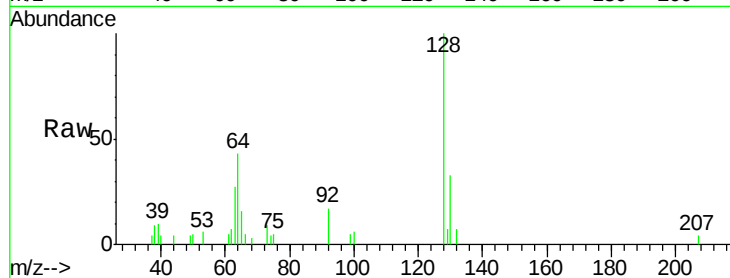
Tot Ion:128 Resp: 18098

Ion Ratio Lower Upper

128 100

64 42.6 31.9 47.9

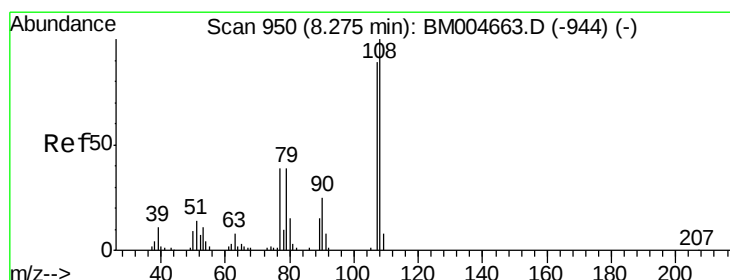
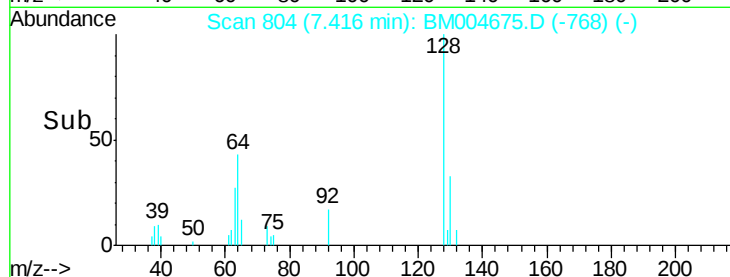
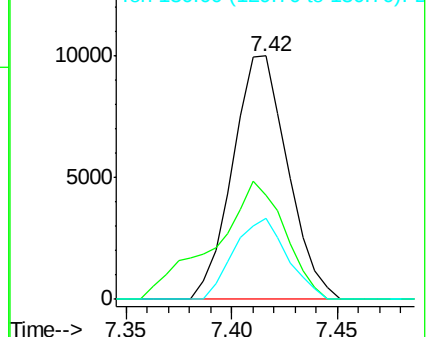
130 33.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM004663.D (-796) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 9.17 ng/ul

RT: 8.23 min Scan# 942

Delta R.T. -0.05 min

Lab File: BM004675.D

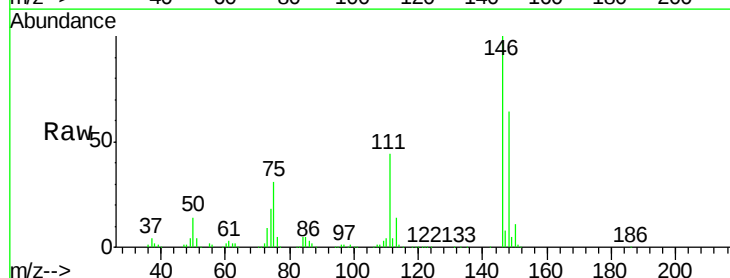
Acq: 17 Mar 2016 20:23

Tgt Ion:108 Resp: 26613

Ion Ratio Lower Upper

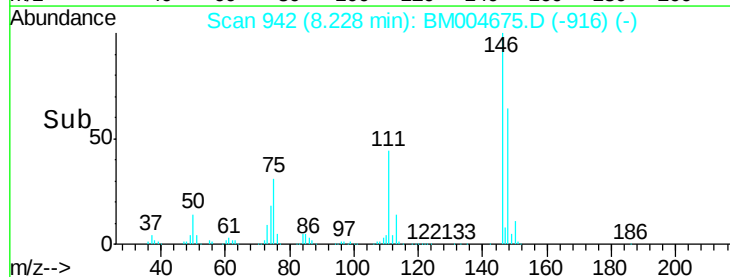
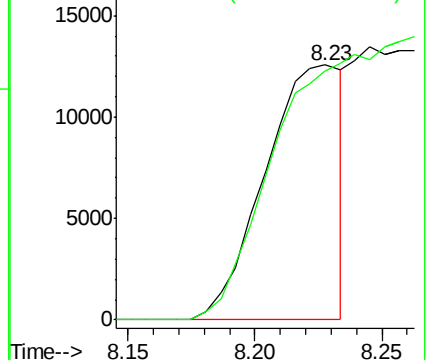
108 100

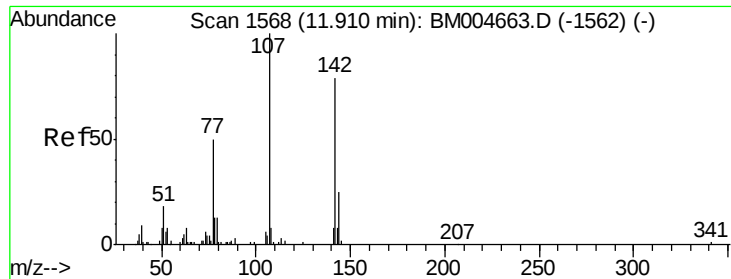
107 97.5 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

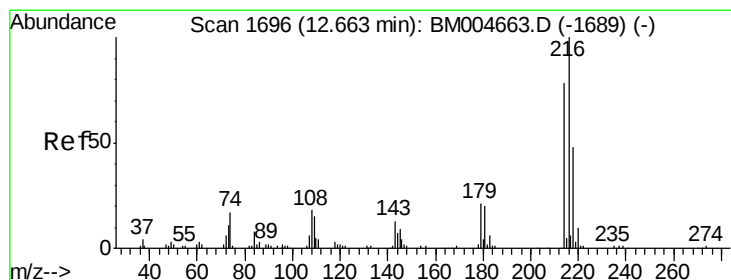
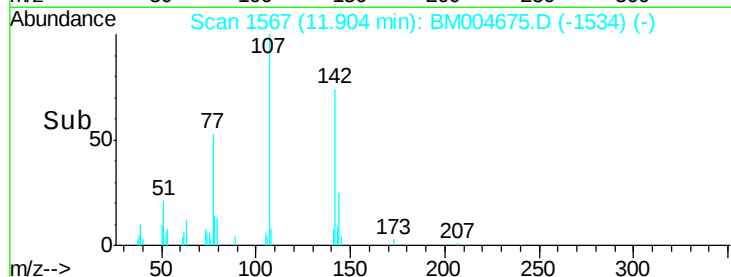
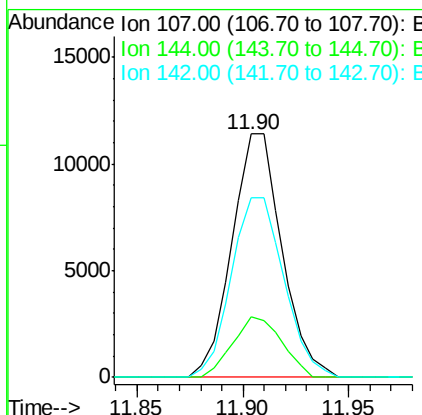
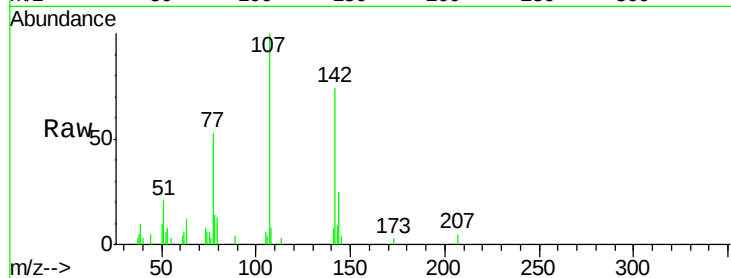




#33
 4-Chloro-3-methylphenol
 Concen: 3.95 ng/ul
 RT: 11.90 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

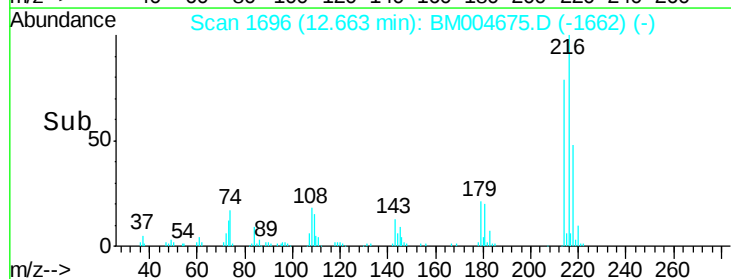
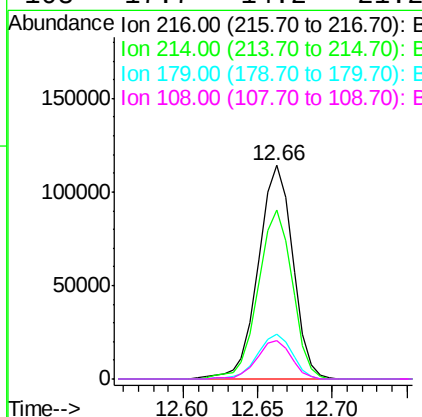
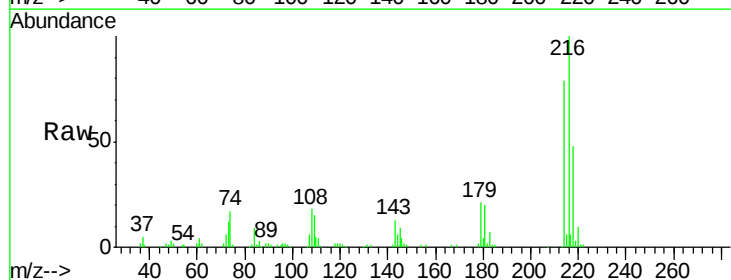
Instrument :
 BNA_M
 ClientSampleId :

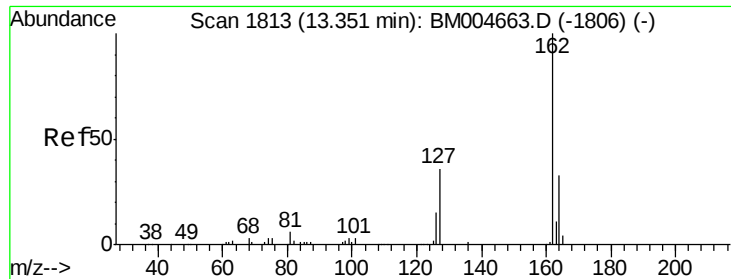
Tot Ion:107 Resp: 18761
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.4 30.6
 142 74.0 62.5 93.7



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.27 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

Tgt Ion:216 Resp: 183193
 Ion Ratio Lower Upper
 216 100
 214 79.3 62.5 93.7
 179 21.0 18.2 27.2
 108 17.7 14.2 21.2

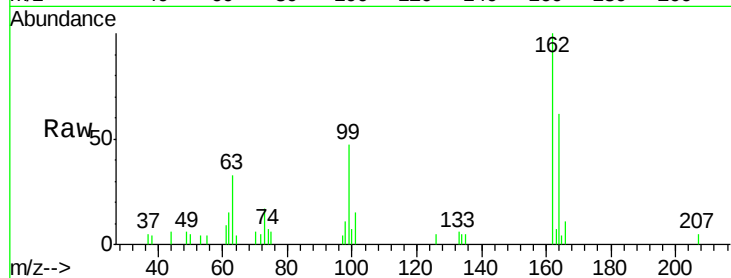




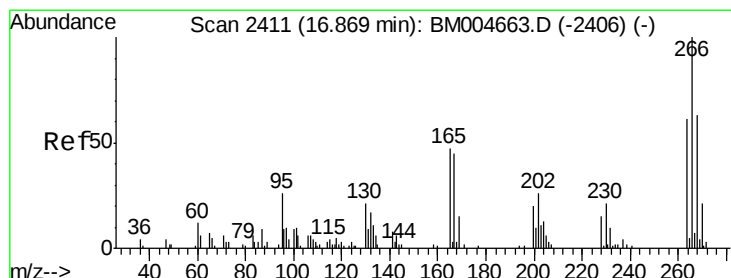
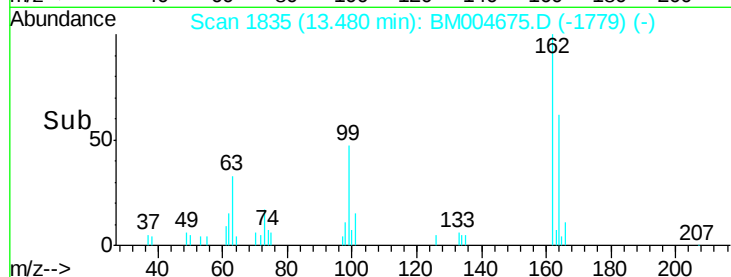
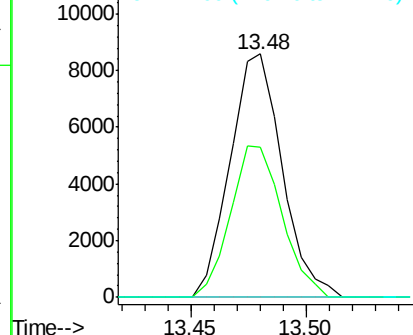
#42
 2-Chloronaphthalene
 Concen: 1.47 ng/ul
 RT: 13.48 min Scan# 1835
 Delta R.T. 0.13 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 13481
 Ion Ratio Lower Upper
 162 100
 164 61.7 25.9 38.9#
 127 0.0 34.1 51.1#

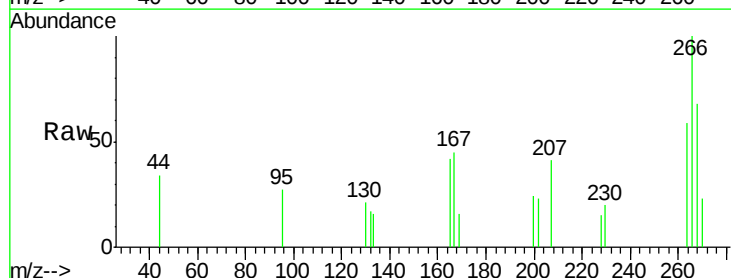


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

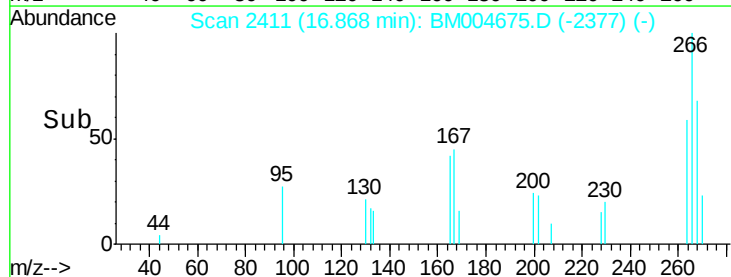
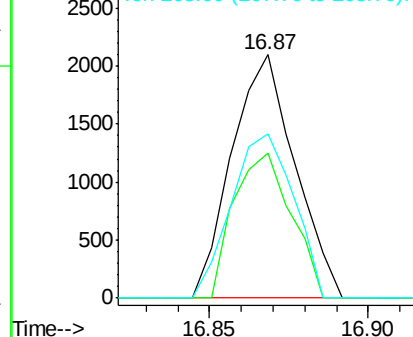


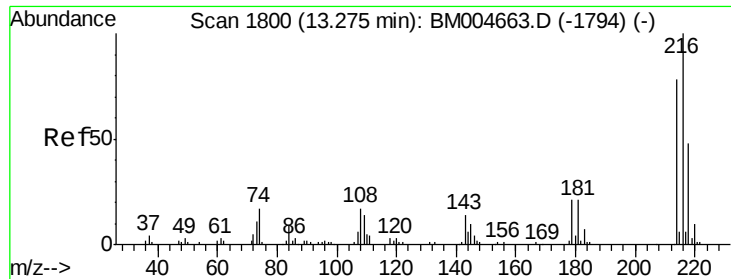
#69
 Pentachlorophenol
 Concen: 1.21 ng/ul
 RT: 16.87 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

Tgt Ion:266 Resp: 2889
 Ion Ratio Lower Upper
 266 100
 264 59.4 50.5 75.7
 268 67.7 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

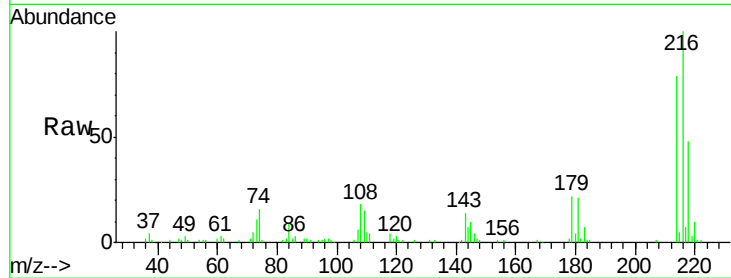




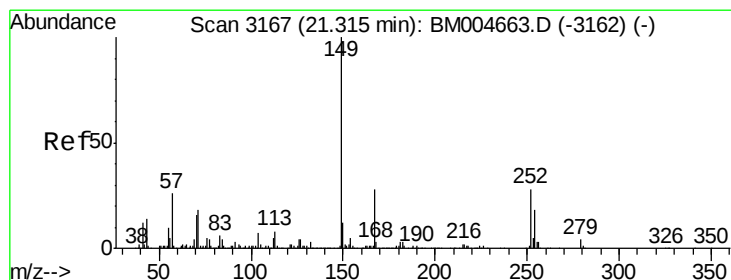
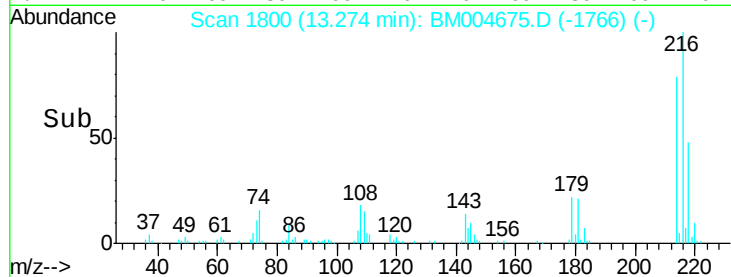
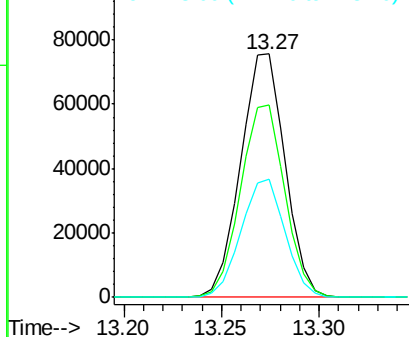
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 26.60 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 119502
 Ion Ratio Lower Upper
 216 100
 214 78.9 62.5 93.7
 218 48.4 38.4 57.6

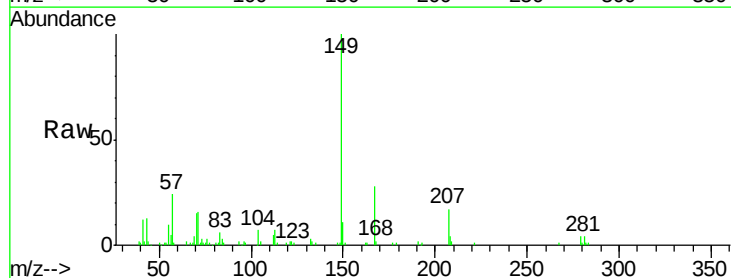


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.07 ng/uL
 RT: 21.32 min Scan# 3168
 Delta R.T. 0.01 min
 Lab File: BM004675.D
 Acq: 17 Mar 2016 20:23

Tgt Ion:149 Resp: 76067
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.6 32.4
 279 3.9 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

