

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032317\
 Data File : BM009366.D
 Acq On : 24 Mar 2017 05:34
 Operator : SJ/MA
 Sample : I2358-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH1

Quant Time: Mar 24 06:37:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 04:55:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	164627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	627862	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	367898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	871870	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1206176	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1145328	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22011	5.10	ng/uL	0.00
5) Phenol-d5	7.01	99	109584	7.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	336820	31.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	255240	25.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	180507	16.24	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	158841	34.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	174026	34.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	308199	31.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	11132	0.98	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1059457	40.95	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1254394	38.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	31292	6.56	ng/ul	0.00
57) Fluorene-d10	15.49	176	977905	41.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	156870	28.47	ng/ul	0.00
70) Anthracene-d10	17.34	188	1580249	38.00	ng/ul	0.00
78) Pyrene-d10	19.64	212	1915525	37.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1968259	37.31	ng/ul	0.00

Target Compounds

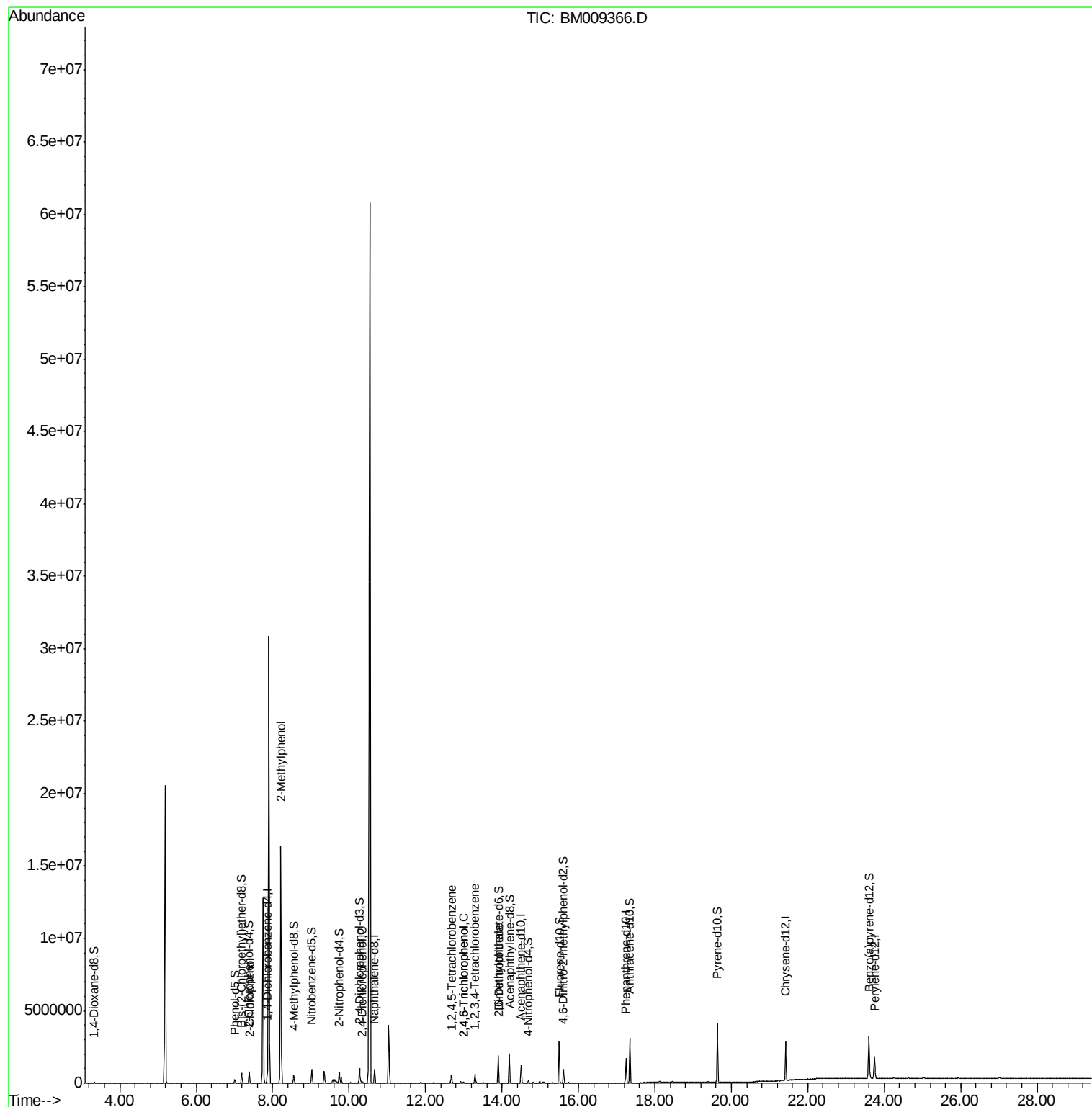
						Ovalue
10) 2-Chlorophenol	7.42	128	18288	1.71	ng/ul#	70
11) 2-Methylphenol	8.22	108	54586	4.95	ng/ul	83
27) 2,4-Dichlorophenol	10.34	162	39763	4.03	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	164415	13.30	ng/ul	96
38) 2,4,6-Trichlorophenol	12.99	196	18943	2.62	ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	18943	2.43	ng/ul	97
45) 2,6-Dinitrotoluene	13.92	165	7346	1.47	ng/ul#	43
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	157570	12.29	ng/uL	97

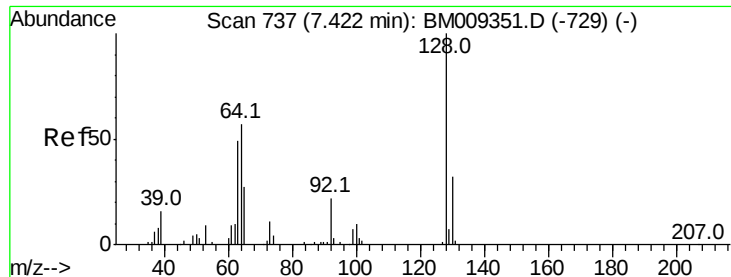
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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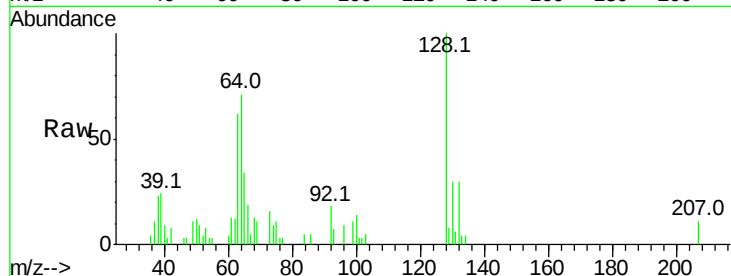




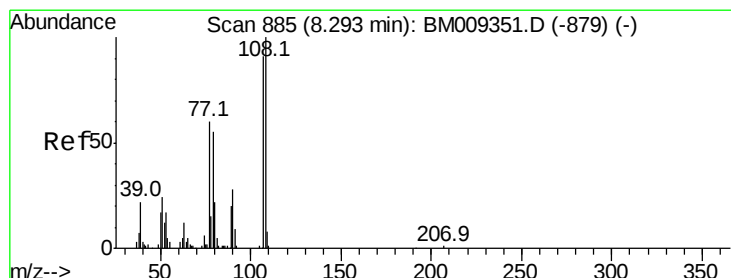
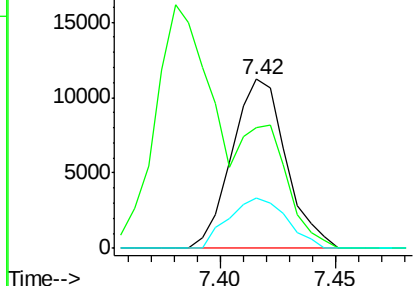
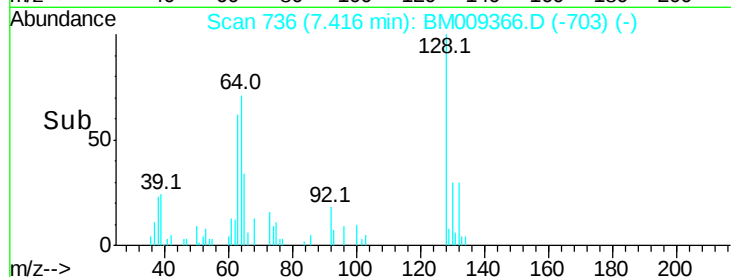
#10
2-Chlorophenol
Concen: 1.71 ng/ul
RT: 7.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BM009366.D
Acq: 24 Mar 2017 05:34

Instrument :
BNA_M
ClientSampleId :
C0BH1

Tot Ion:128 Resp: 18288
Ion Ratio Lower Upper
128 100
64 71.2 31.9 47.9#
130 29.7 25.6 38.4

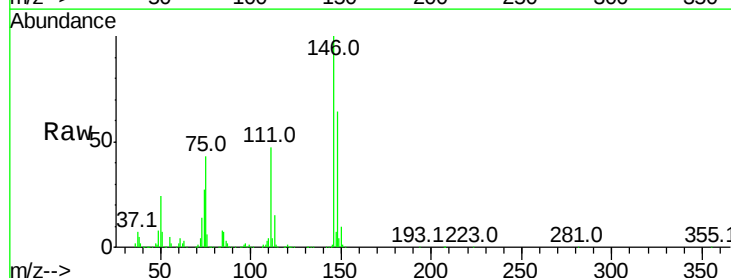


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

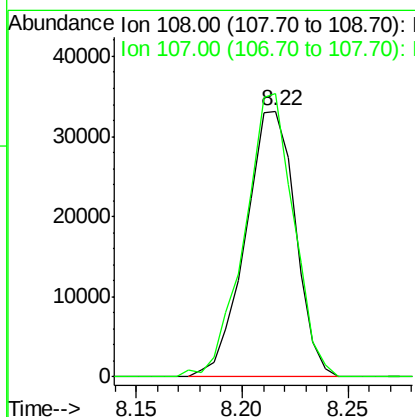
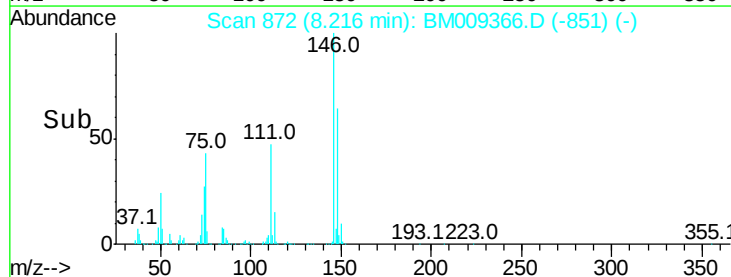


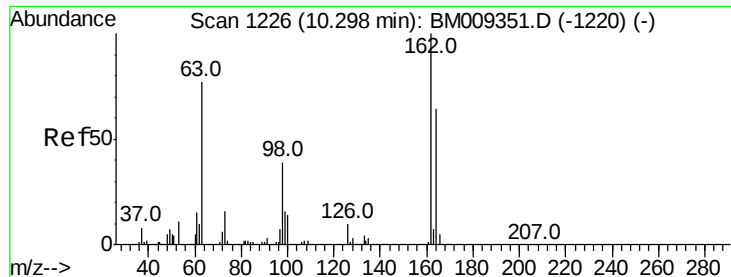
#11
2-Methylphenol
Concen: 4.95 ng/ul
RT: 8.22 min Scan# 872
Delta R.T. -0.08 min
Lab File: BM009366.D
Acq: 24 Mar 2017 05:34

Tgt Ion:108 Resp: 54586
Ion Ratio Lower Upper
108 100
107 106.5 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

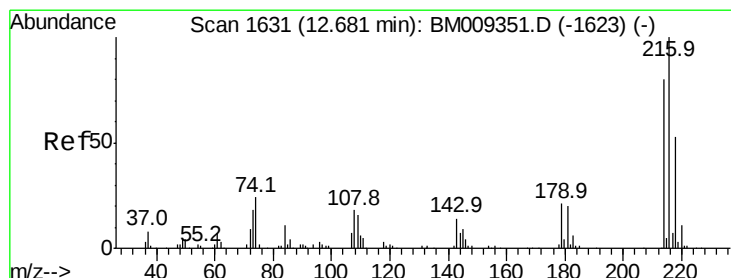
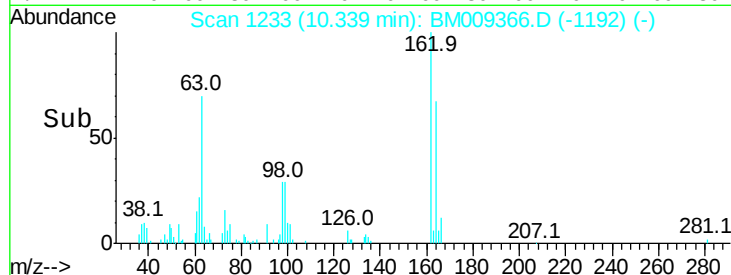
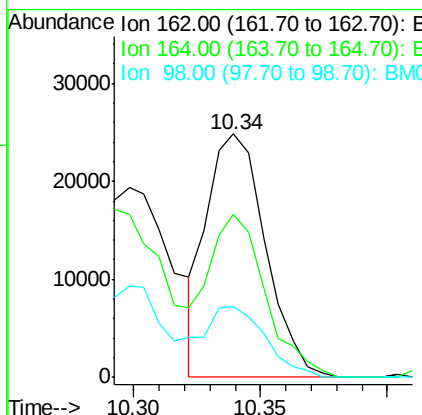
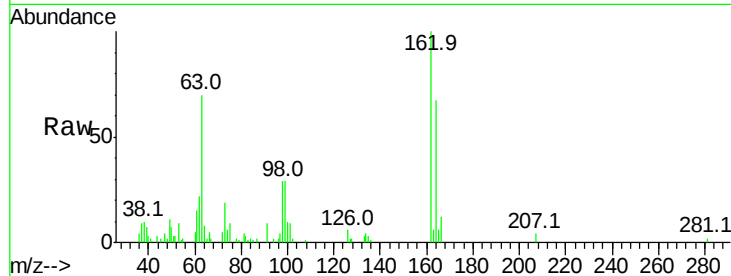




#27
 2,4-Dichlorophenol
 Concen: 4.03 ng/ul
 RT: 10.34 min Scan# 1233
 Delta R.T. 0.04 min
 Lab File: BM009366.D
 Acq: 24 Mar 2017 05:34

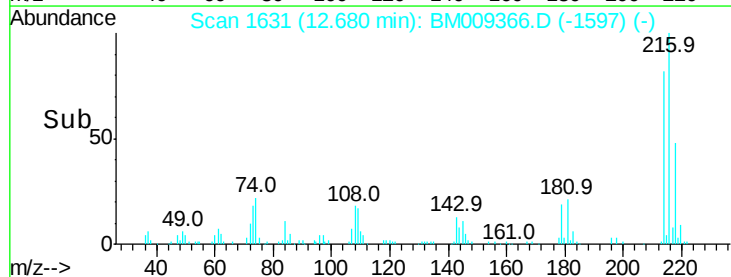
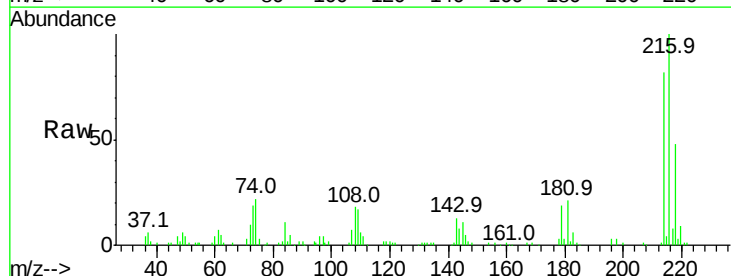
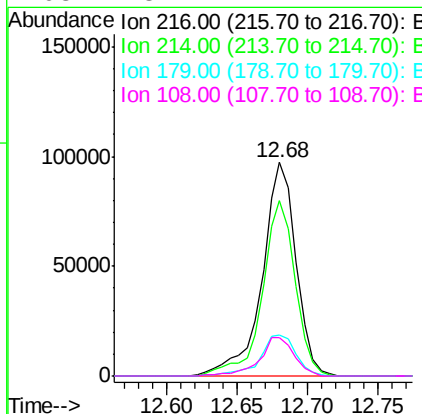
Instrument :
 BNA_M
 ClientSampleId :
 C0BH1

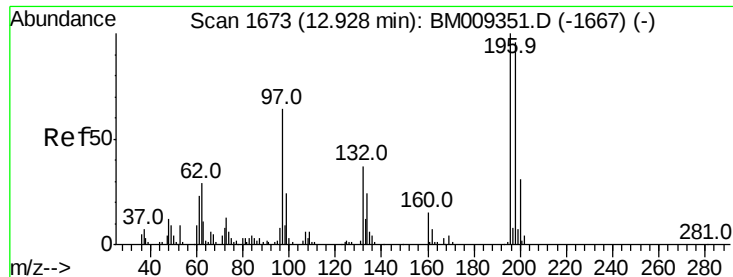
Tot Ion:162 Resp: 39763
 Ion Ratio Lower Upper
 162 100
 164 66.9 52.1 78.1
 98 29.2 28.4 42.6



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.30 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM009366.D
 Acq: 24 Mar 2017 05:34

Tgt Ion:216 Resp: 164415
 Ion Ratio Lower Upper
 216 100
 214 82.1 62.5 93.7
 179 19.4 18.2 27.2
 108 18.1 14.2 21.2

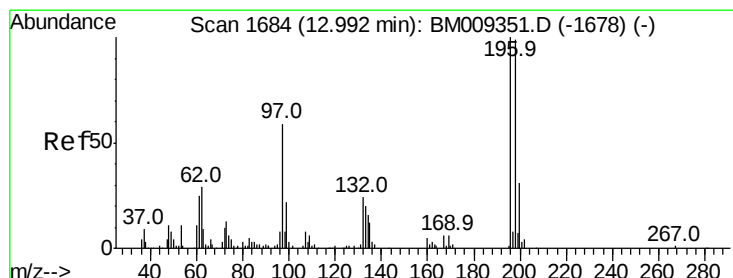
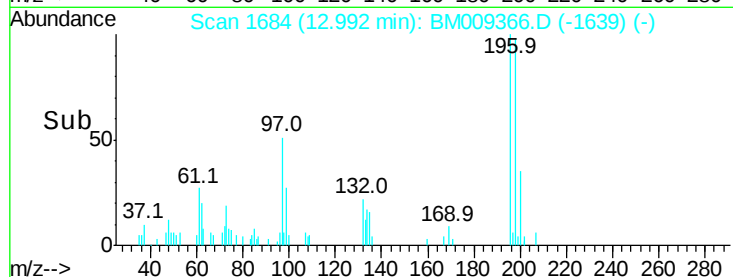
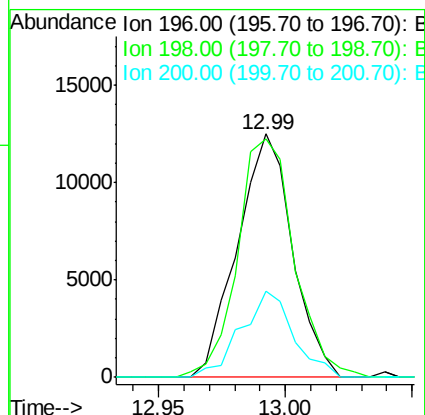
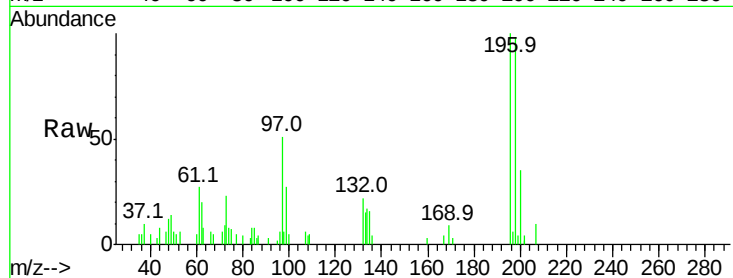




#38
 2,4,6-Trichlorophenol
 Concen: 2.62 ng/ul
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.06 min
 Lab File: BM009366.D
 Acq: 24 Mar 2017 05:34

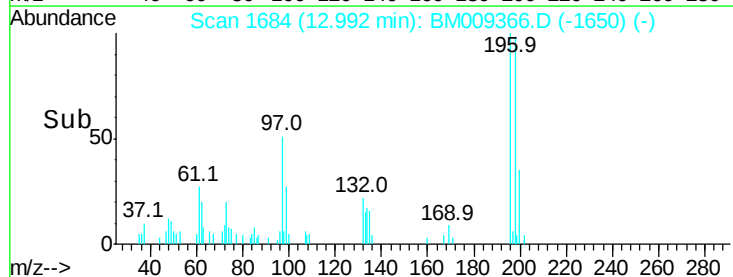
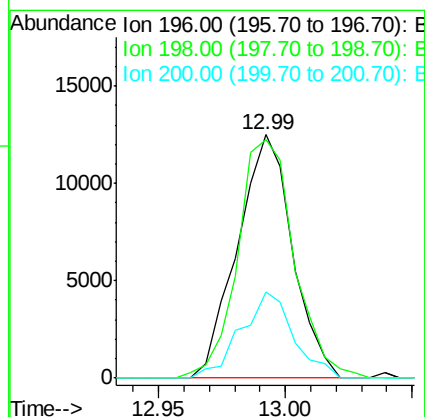
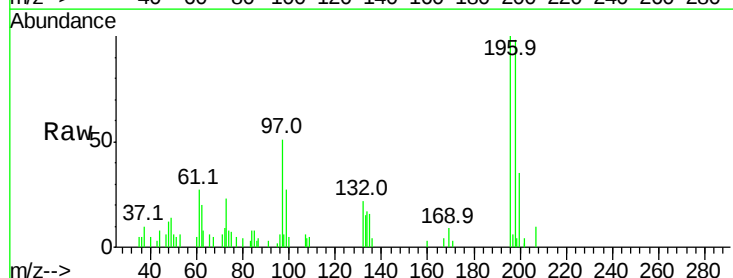
Instrument :
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 ClientSampleId :
 C0BH1

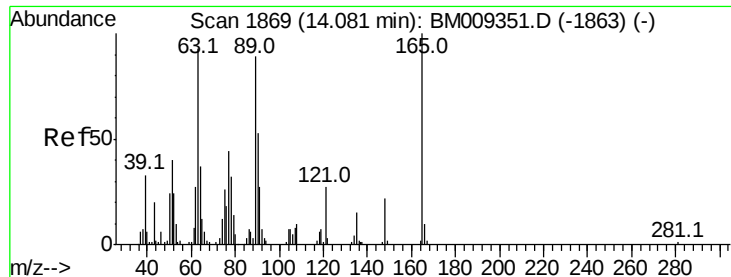
Tot Ion:196 Resp: 18943
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 114.8
 200 35.4 24.7 37.1



#39
 2,4,5-Trichlorophenol
 Concen: 2.43 ng/ul
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM009366.D
 Acq: 24 Mar 2017 05:34

Tgt Ion:196 Resp: 18943
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.9 115.3
 200 35.4 25.0 37.4





#45

2,6-Dinitrotoluene

Concen: 1.47 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.16 min

Lab File: BM009366.D

Acq: 24 Mar 2017 05:34

Instrument :

BNA_M

ClientSampleId :

C0BH1

Tot Ion:165 Resp: 7346

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

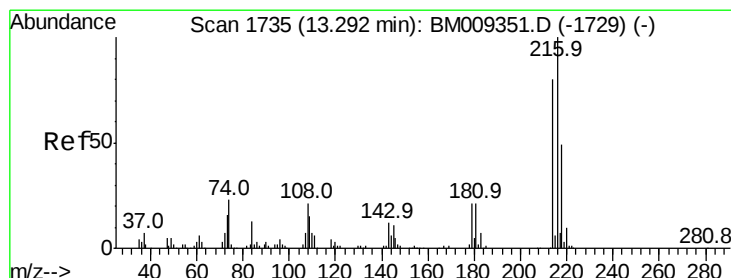
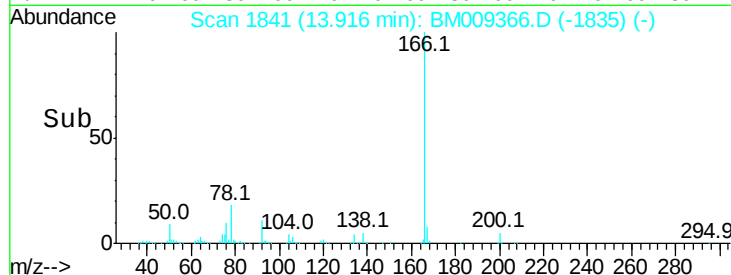
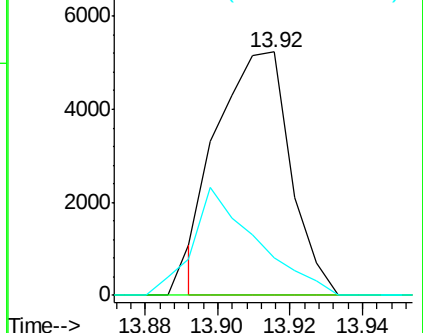
121 15.6 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 12.29 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BM009366.D

Acq: 24 Mar 2017 05:34

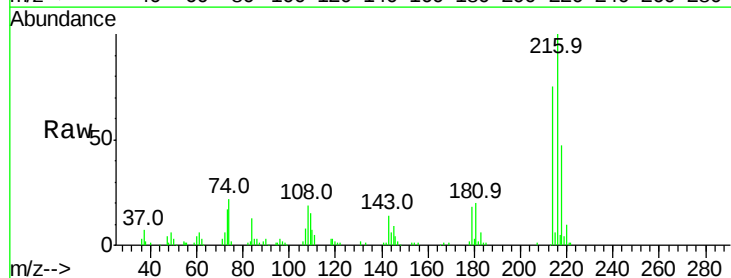
Tgt Ion:216 Resp: 157570

Ion Ratio Lower Upper

216 100

214 75.3 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

