

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009382.D
 Acq On : 24 Mar 2017 16:26
 Operator : SJ/MA
 Sample : I2358-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5

Quant Time: Mar 25 00:01:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 00:01:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	141040	20.00	ng/ul	0.01
18) Naphthalene-d8	10.66	136	541421	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	298815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	723332	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	970250	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	942978	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19118	5.17	ng/uL	0.00
5) Phenol-d5	7.01	99	89805	7.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	281434	30.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	221134	25.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	157956	16.59	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	136593	34.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	143688	33.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	268166	31.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	2078	0.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	866453	41.23	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1055560	40.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	25008	6.46	ng/ul	0.00
57) Fluorene-d10	15.49	176	785119	40.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	133562	29.21	ng/ul	0.00
70) Anthracene-d10	17.34	188	1271991	36.87	ng/ul	0.00
78) Pyrene-d10	19.64	212	1542283	37.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1634161	37.63	ng/ul	0.00

Target Compounds

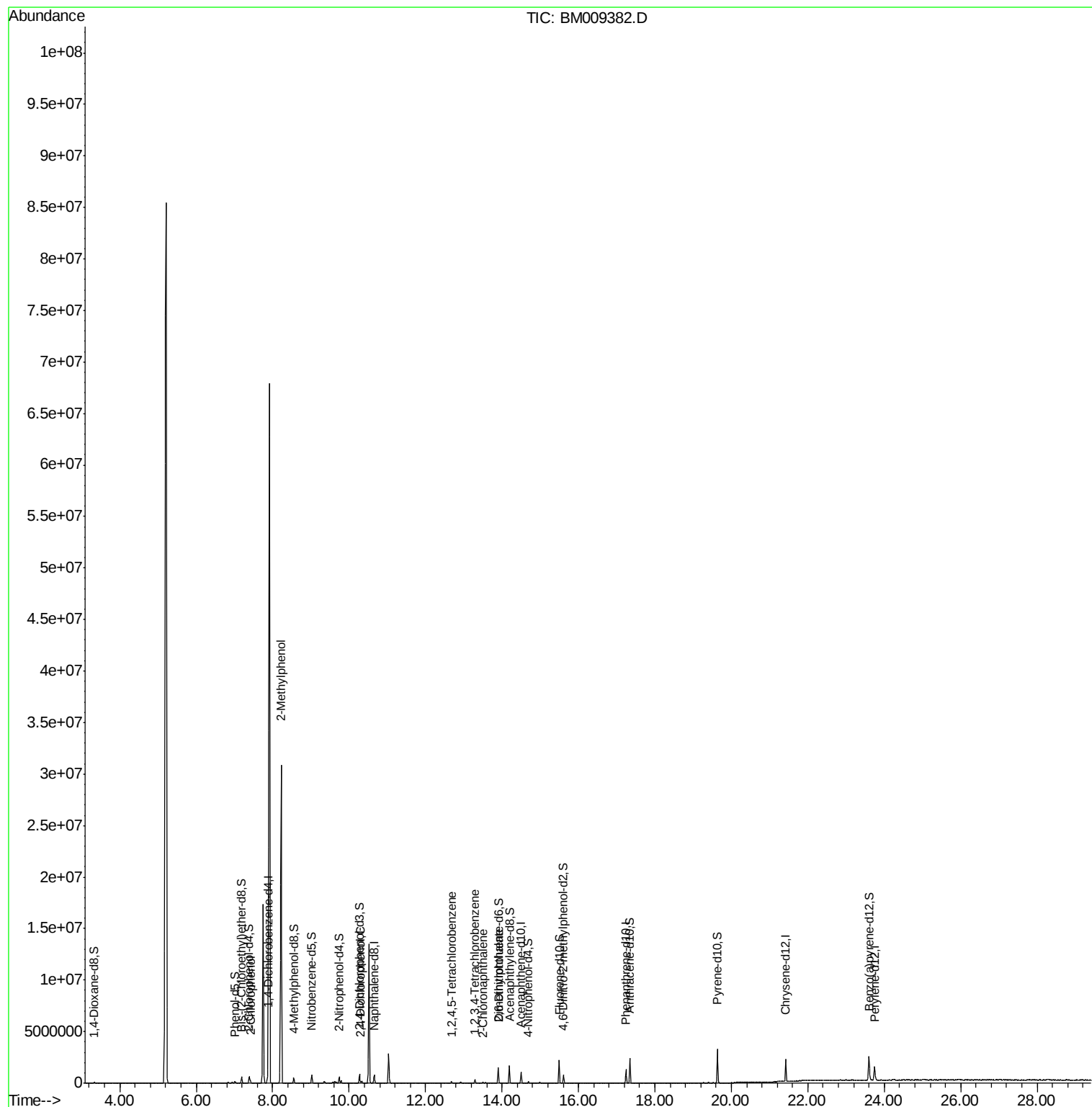
						Ovalue
10) 2-Chlorophenol	7.42	128	97820	10.71	ng/ul#	77
11) 2-Methylphenol	8.22	108	109264	11.57	ng/ul	88
27) 2,4-Dichlorophenol	10.30	162	21807	2.56	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	46449	4.63	ng/ul	92
41) 2-Chloronaphthalene	13.50	162	23333	1.36	ng/ul#	37
45) 2,6-Dinitrotoluene	13.91	165	5818	1.44	ng/ul#	32
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	99684	9.37	ng/uL	100

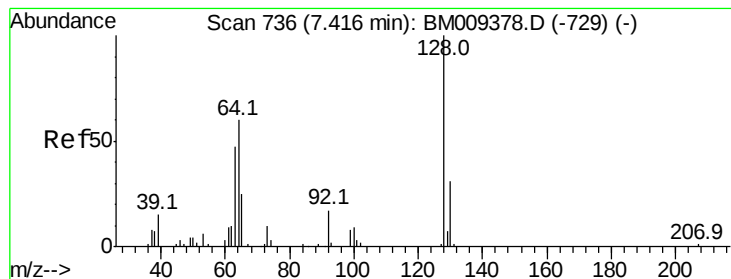
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 10.71 ng/ul

RT: 7.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BM009382.D

Acq: 24 Mar 2017 16:26

Instrument :

BNA_M

ClientSampleId :

C0BJ5

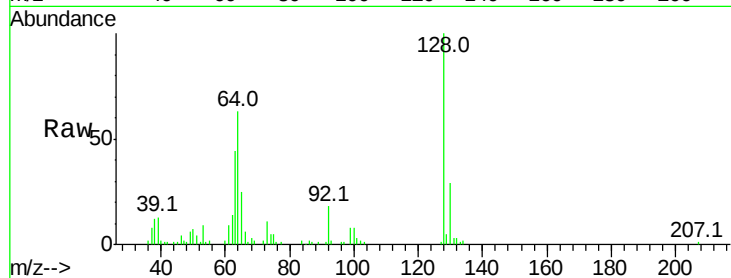
Tot Ion:128 Resp: 97820

Ion Ratio Lower Upper

128 100

64 63.3 31.9 47.9#

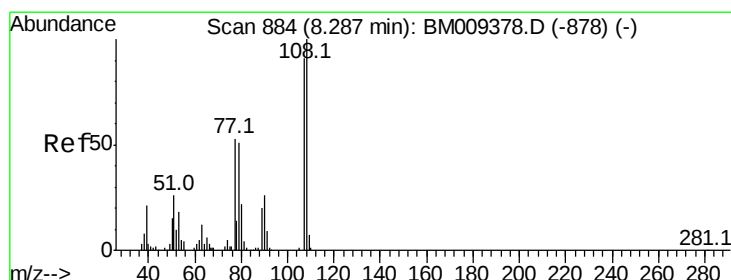
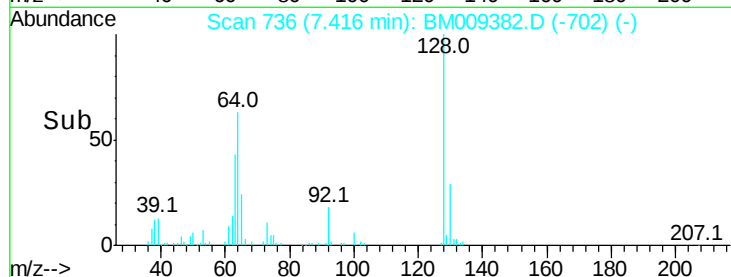
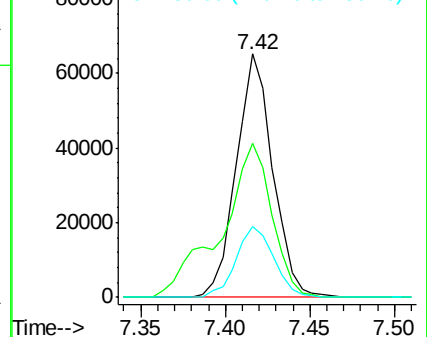
130 29.1 25.6 38.4



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: 11.57 ng/ul

RT: 8.22 min Scan# 873

Delta R.T. -0.06 min

Lab File: BM009382.D

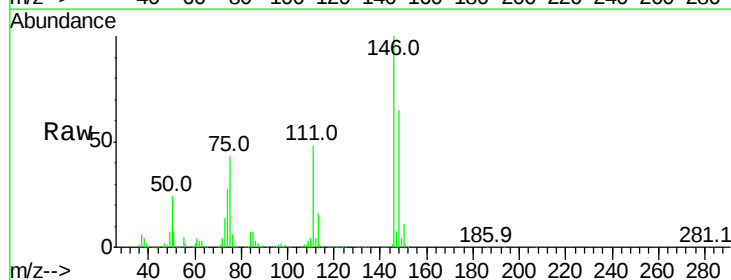
Acq: 24 Mar 2017 16:26

Tgt Ion:108 Resp: 109264

Ion Ratio Lower Upper

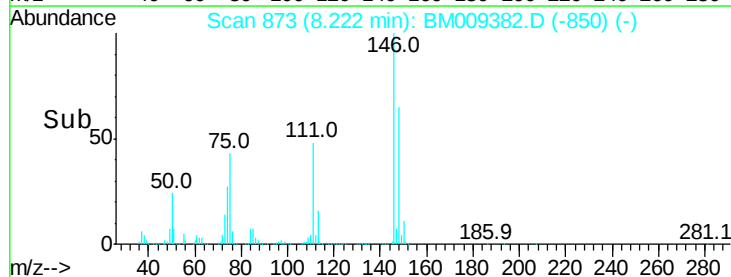
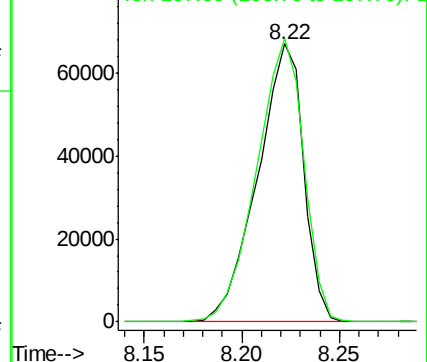
108 100

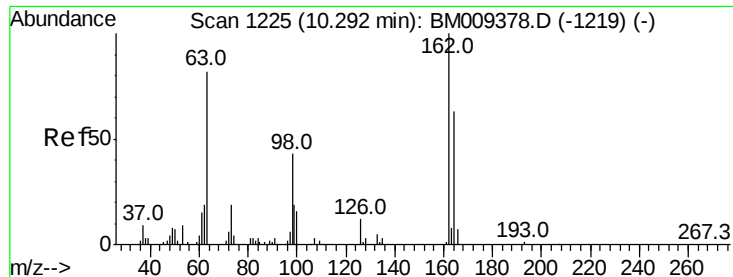
107 101.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

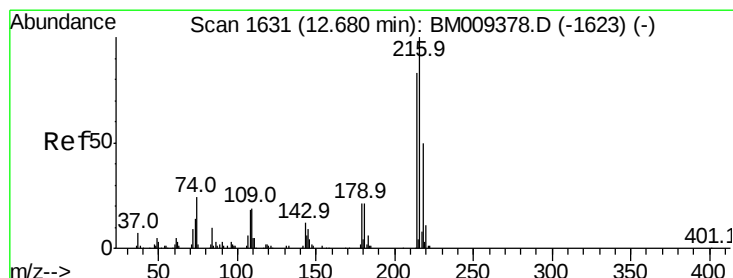
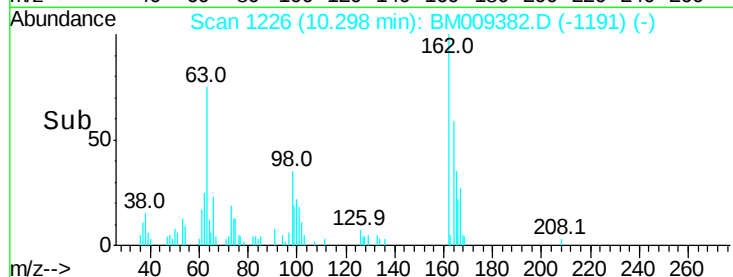
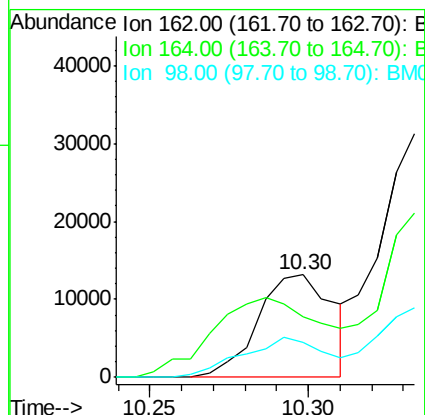
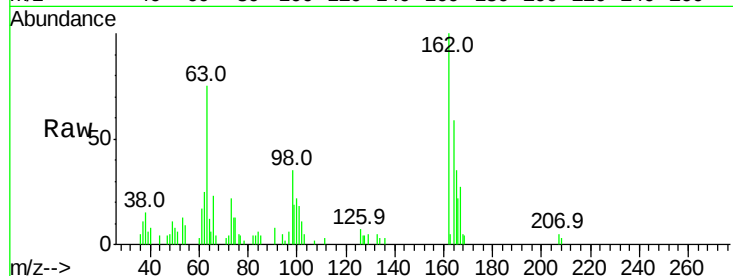




#27
2,4-Dichlorophenol
Concen: 2.56 ng/ul
RT: 10.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BM009382.D
Acq: 24 Mar 2017 16:26

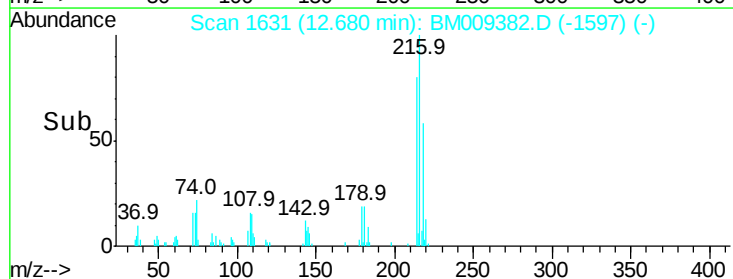
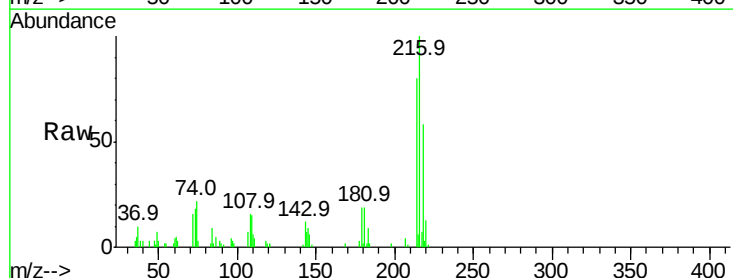
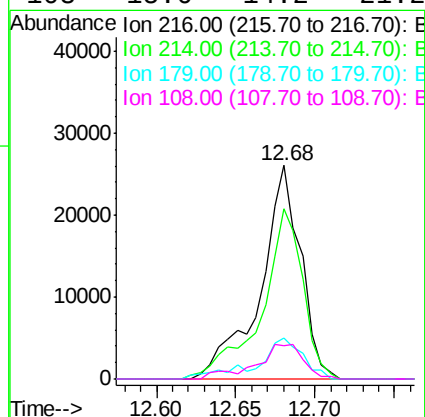
Instrument :
BNA_M
ClientSampled :
C0BJ5

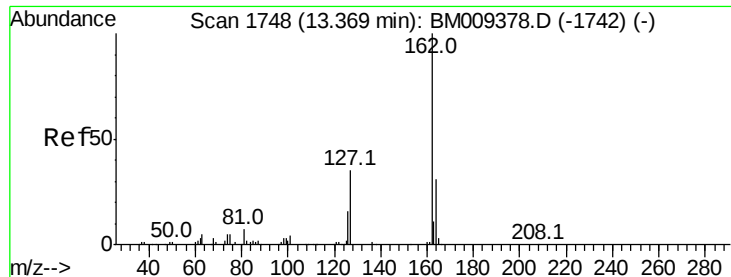
Tot Ion:162 Resp: 21807
Ion Ratio Lower Upper
162 100
164 59.2 52.1 78.1
98 34.6 28.4 42.6



#36
1,2,4,5-Tetrachlorobenzene
Concen: 4.63 ng/ul
RT: 12.68 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BM009382.D
Acq: 24 Mar 2017 16:26

Tgt Ion:216 Resp: 46449
Ion Ratio Lower Upper
216 100
214 85.9 62.5 93.7
179 19.0 18.2 27.2
108 15.6 14.2 21.2

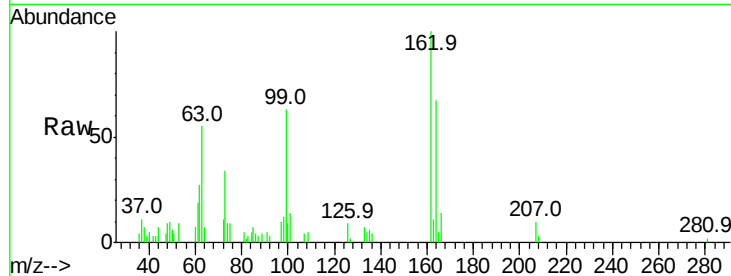




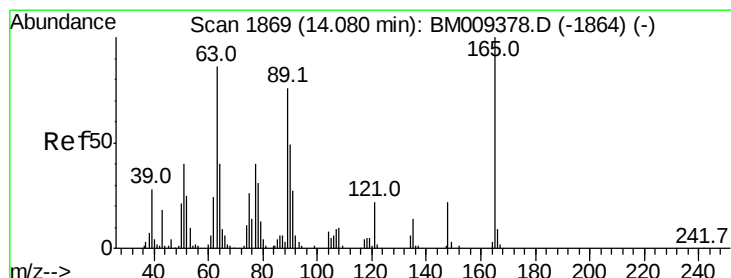
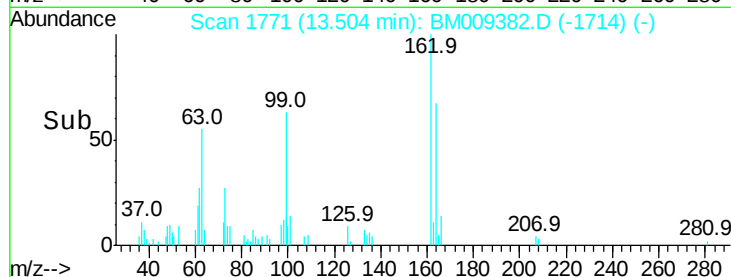
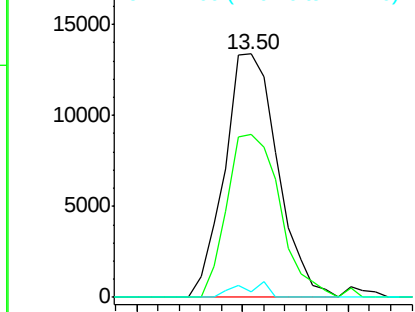
#41
2-Chloronaphthalene
Concen: 1.36 ng/ul
RT: 13.50 min Scan# 1771
Delta R.T. 0.14 min
Lab File: BM009382.D
Acq: 24 Mar 2017 16:26

Instrument :
BNA_M
ClientSampleId :
C0BJ5

Tot Ion:162 Resp: 23333
Ion Ratio Lower Upper
162 100
164 66.9 25.9 38.9#
127 2.3 34.1 51.1#

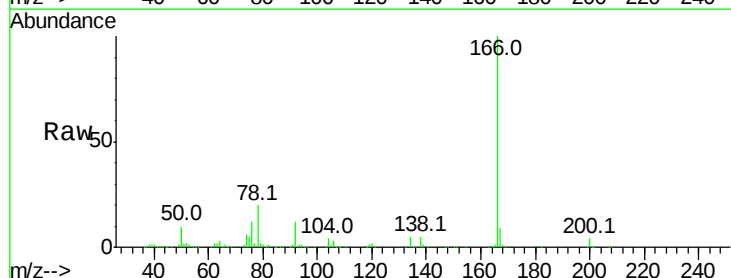


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

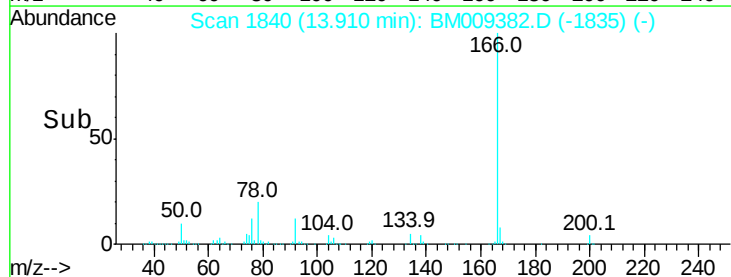
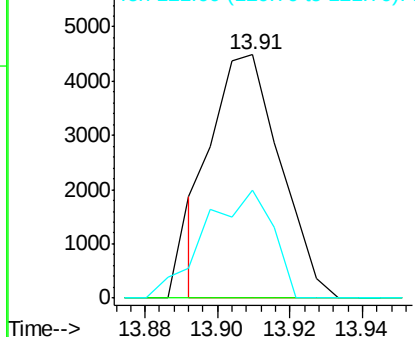


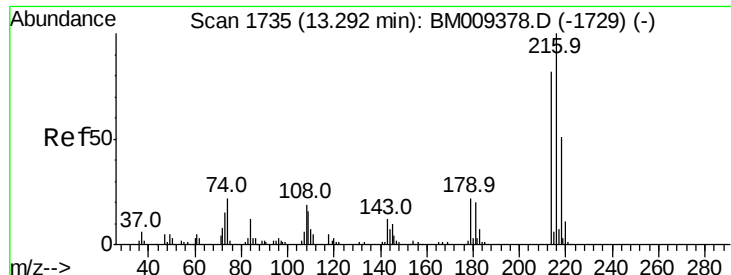
#45
2,6-Dinitrotoluene
Concen: 1.44 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. -0.17 min
Lab File: BM009382.D
Acq: 24 Mar 2017 16:26

Tgt Ion:165 Resp: 5818
Ion Ratio Lower Upper
165 100
89 0.0 42.4 63.6#
121 44.4 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: 9.37 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BM009382.D

Acq: 24 Mar 2017 16:26

Instrument :

BNA_M

ClientSampleId :

C0BJ5

Tot Ion:216 Resp: 99684

Ion Ratio Lower Upper

216 100

214 78.7 62.5 93.7

218 48.0 38.4 57.6

