

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009381.D
 Acq On : 24 Mar 2017 15:50
 Operator : SJ/MA
 Sample : I2358-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ4

Quant Time: Mar 25 00:01:39 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	7.89	152	93707	20.00	ng/ul	0.04
18) Naphthalene-d8	10.67	136	534472	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	309177	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	706502	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	940468	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	896839	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	16835	6.85	ng/uL	0.00
5) Phenol-d5	7.02	99	82112	9.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	276121	45.70	ng/ul	0.01
9) 2-Chlorophenol-d4	7.39	132	218379	38.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	156059	24.67	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	139061	35.39	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	152217	35.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	259646	30.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.81	131	25848	2.68	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	901009	41.44	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1097307	40.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	29051	7.25	ng/ul	0.00
57) Fluorene-d10	15.49	176	788436	39.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	144097	32.27	ng/ul	0.00
70) Anthracene-d10	17.34	188	1289451	38.27	ng/ul	0.00
78) Pyrene-d10	19.64	212	1575450	39.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1666856	40.36	ng/ul	0.00

Target Compounds

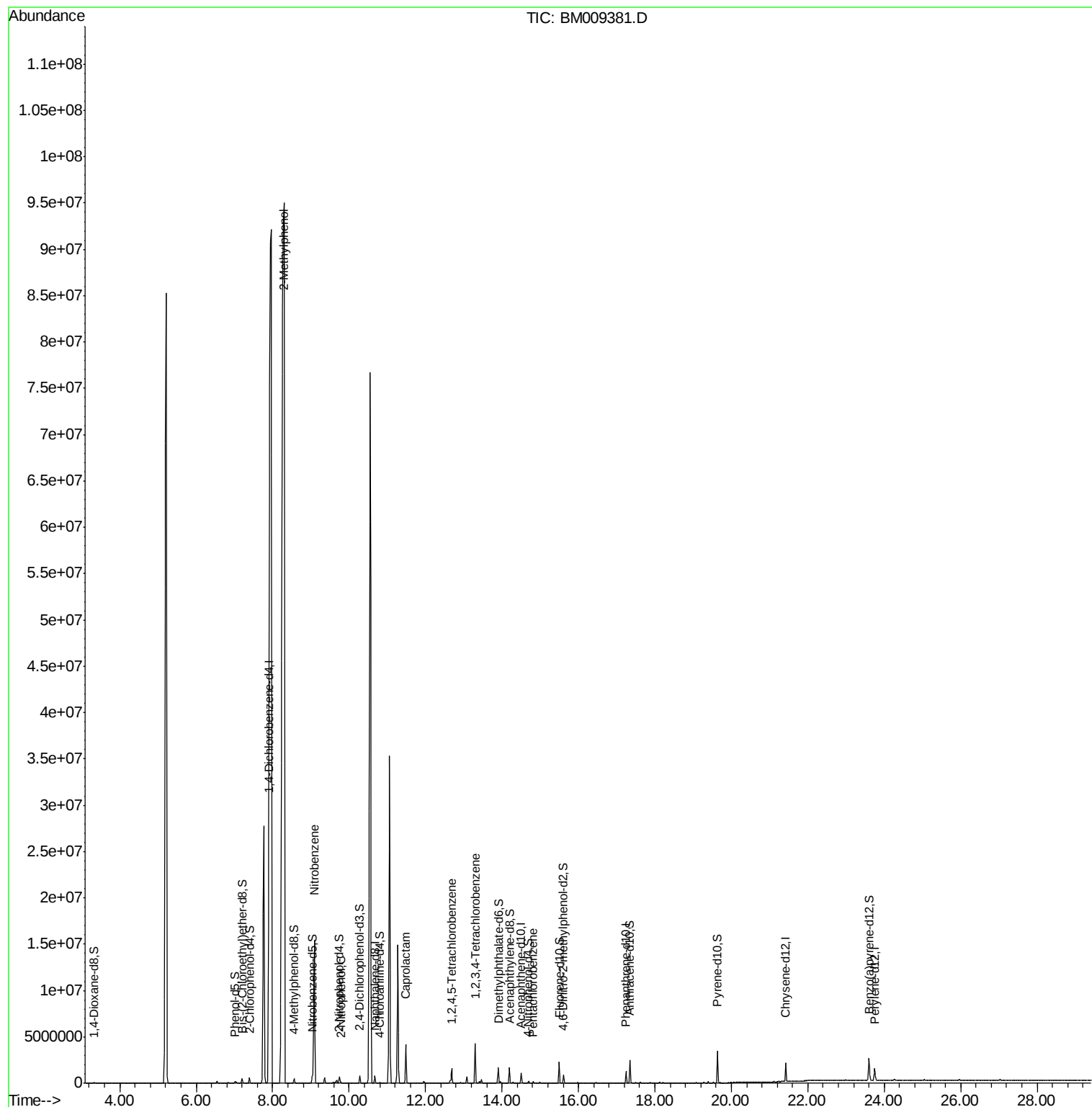
						Ovalue
11) 2-Methylphenol	8.29	108	1000760	159.55	ng/ul	90
20) Nitrobenzene	9.09	77	9560749	721.80	ng/ul#	82
23) 2-Nitrophenol	9.78	139	16125	3.58	ng/ul#	61
32) Caprolactam	11.49	113	254747	98.35	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	463949	44.66	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	1204240	115.94	ng/uL	99
73) Pentachlorobenzene	14.82	250	34720	3.38	ng/uL	90

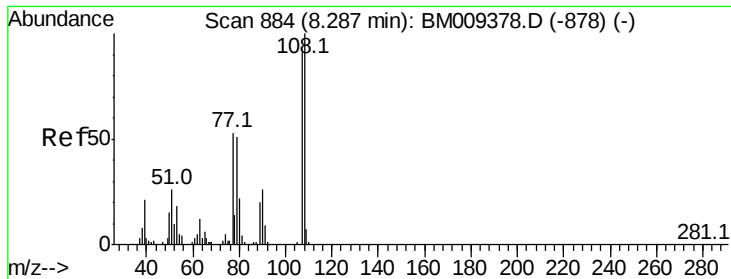
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 159.55 ng/ul

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM009381.D

Acq: 24 Mar 2017 15:50

Instrument :

BNA_M

ClientSampleId :

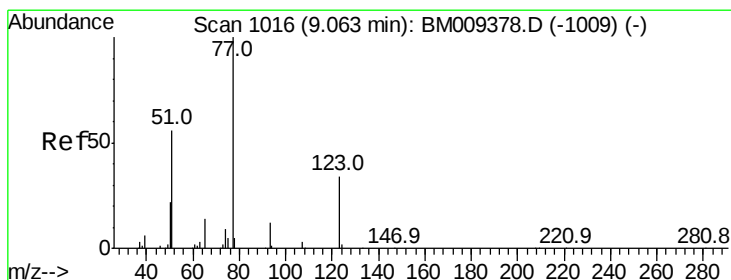
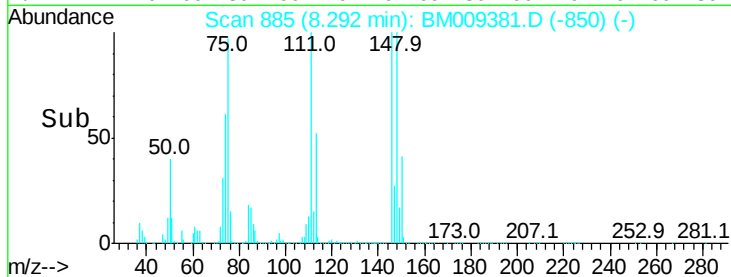
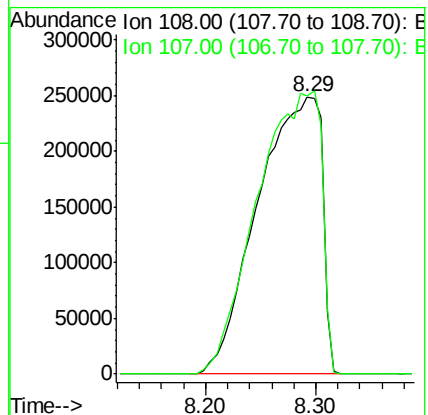
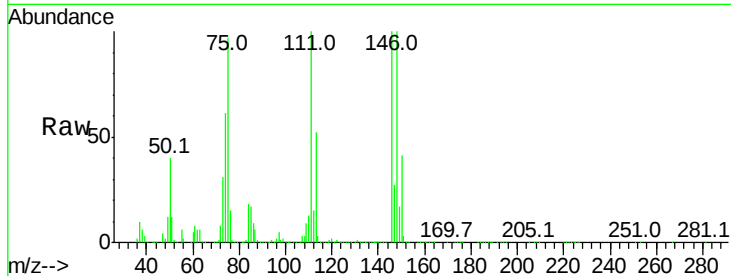
C0BJ4

Tot Ion:108 Resp: 1000760

Ion Ratio Lower Upper

108 100

107 100.3 72.4 108.6



#20

Nitrobenzene

Concen: 721.80 ng/ul

RT: 9.09 min Scan# 1021

Delta R.T. 0.03 min

Lab File: BM009381.D

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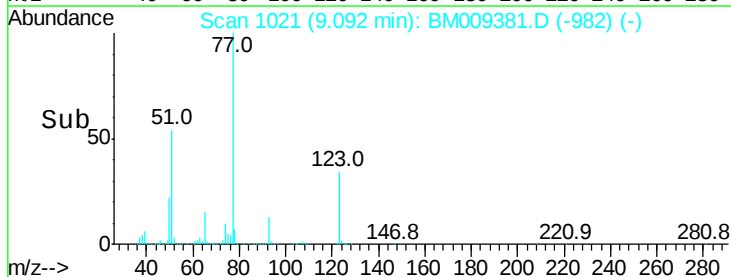
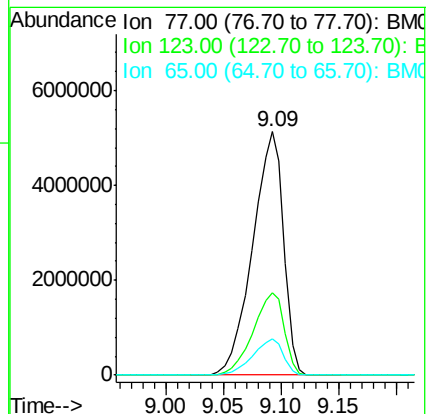
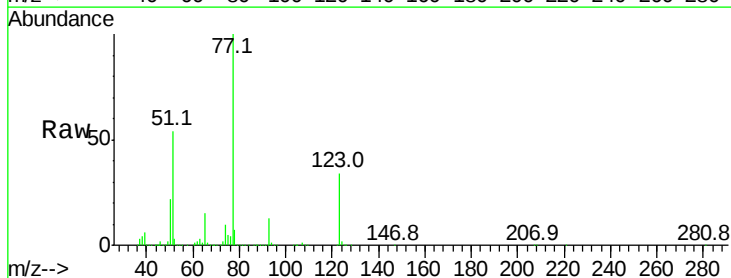
Tgt Ion: 77 Resp: 9560749

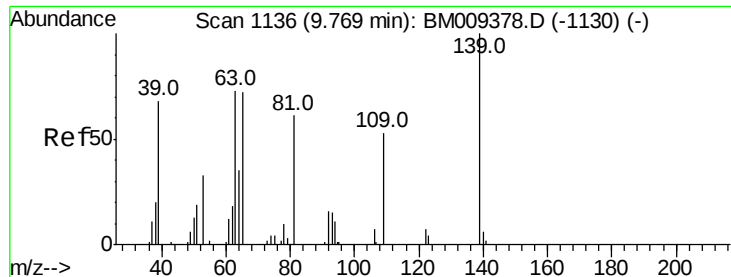
Ion Ratio Lower Upper

77 100

123 34.0 39.0 58.4#

65 15.0 10.4 15.6

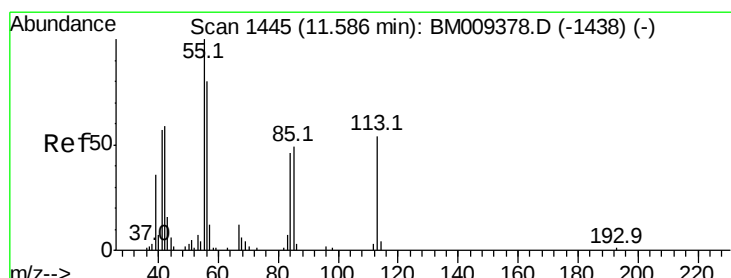
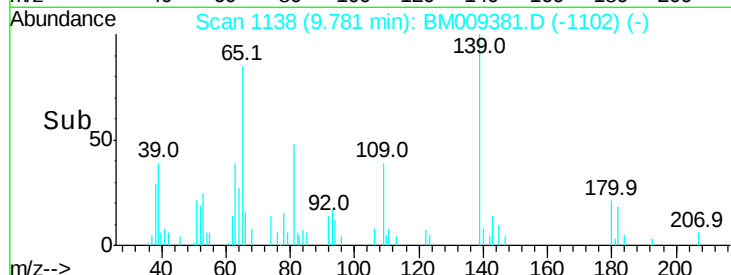
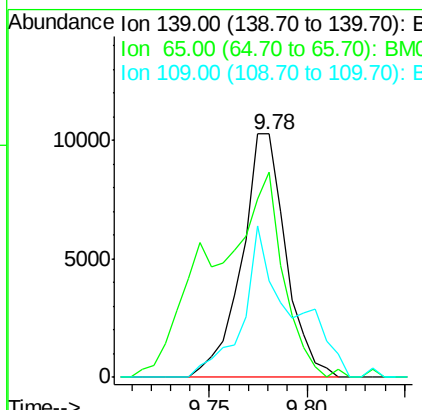
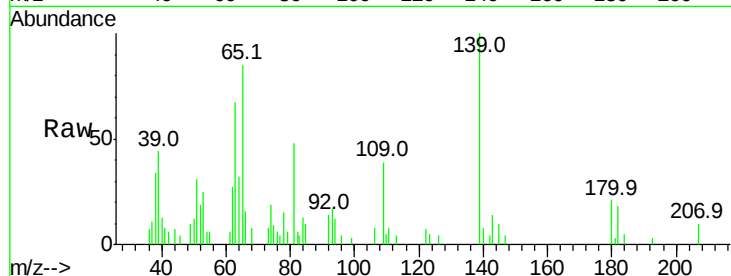




#23
 2-Nitrophenol
 Concen: 3.58 ng/ul
 RT: 9.78 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BM009381.D
 Acq: 24 Mar 2017 15:50

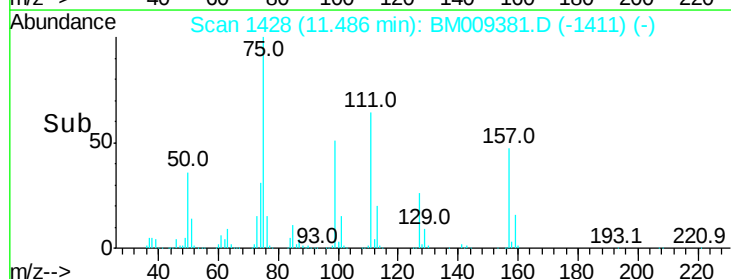
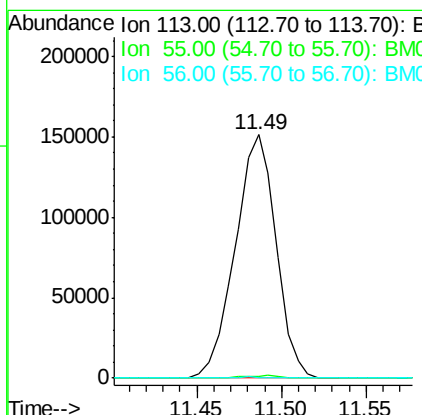
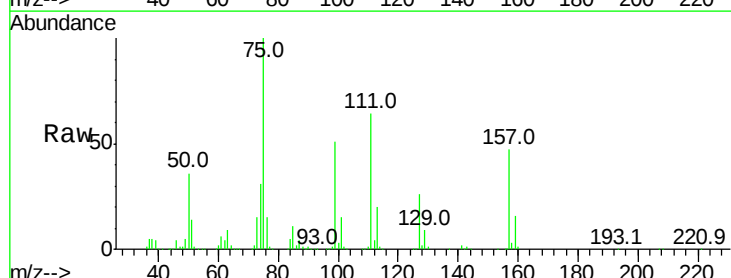
Instrument :
 BNA_M
 ClientSampled :
 C0BJ4

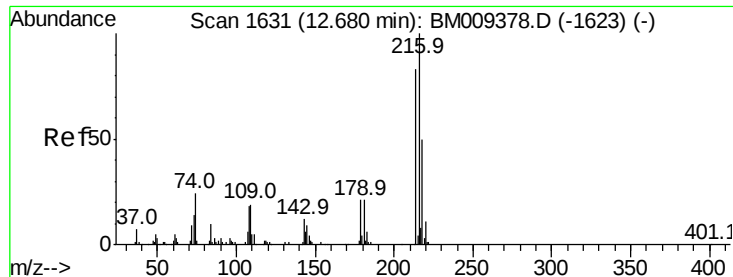
Tot Ion:139 Resp: 16125
 Ion Ratio Lower Upper
 139 100
 65 84.5 36.3 54.5#
 109 39.5 26.4 39.6



#32
 Caprolactam
 Concen: 98.35 ng/ul
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.10 min
 Lab File: BM009381.D
 Acq: 24 Mar 2017 15:50

Tgt Ion:113 Resp: 254747
 Ion Ratio Lower Upper
 113 100
 55 0.9 101.9 152.9#
 56 0.0 81.2 121.8#

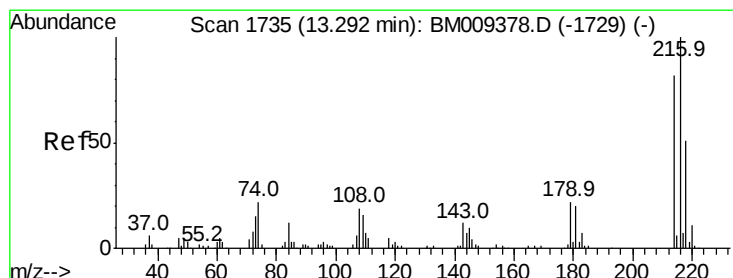
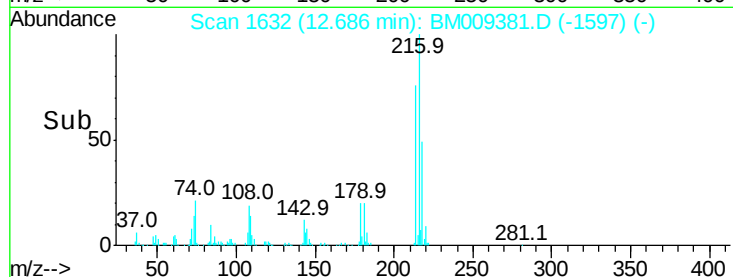
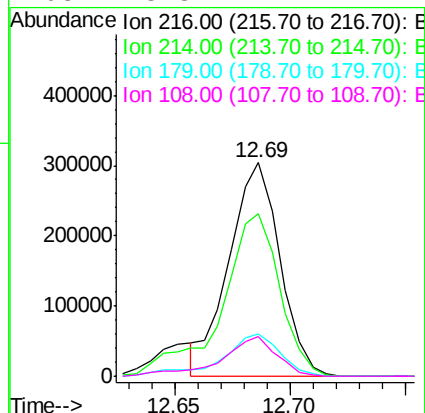
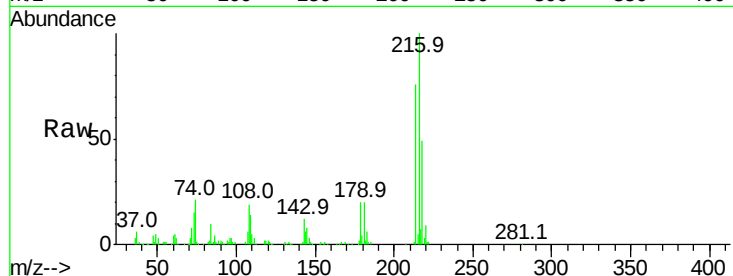




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.66 ng/ul
 RT: 12.69 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BM009381.D
 Acq: 24 Mar 2017 15:50

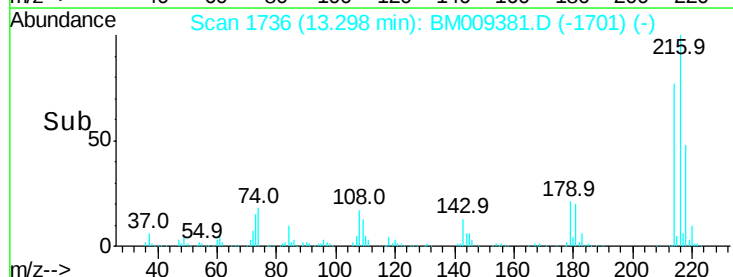
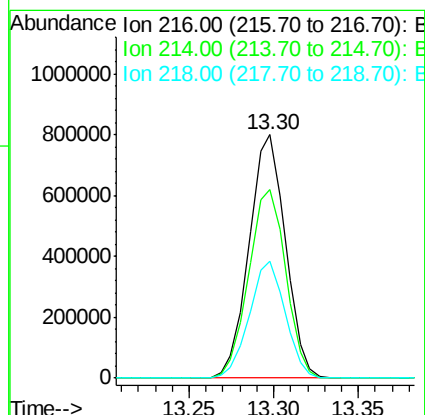
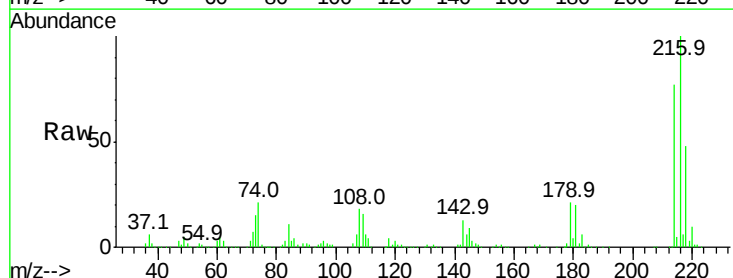
Instrument :
 BNA_M
 ClientSampleId :
 C0BJ4

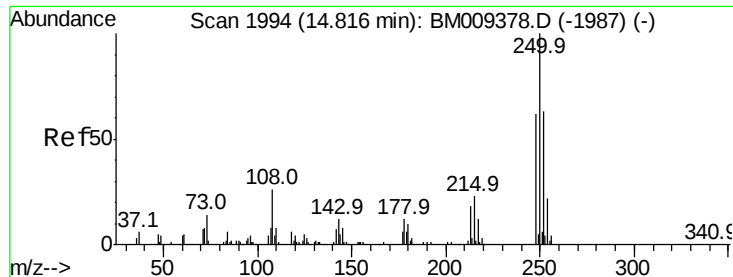
Tot Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
179	19.9	18.2	27.2
108	18.8	14.2	21.2



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 115.94 ng/uL
 RT: 13.30 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BM009381.D
 Acq: 24 Mar 2017 15:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.5	93.7
218	47.8	38.4	57.6





#73

Pentachlorobenzene

Concen: 3.38 ng/uL

RT: 14.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM009381.D

Acq: 24 Mar 2017 15:50

Instrument :

BNA_M

ClientSampleId :

C0BJ4

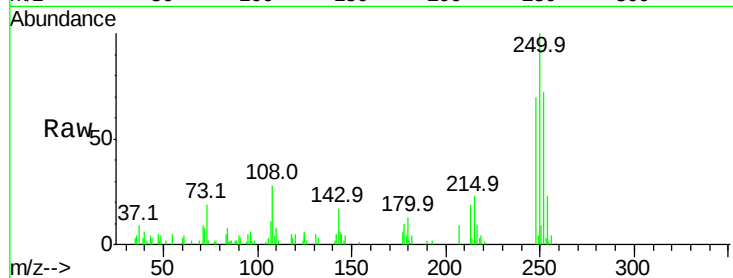
Tot Ion:250 Resp: 34720

Ion Ratio Lower Upper

250 100

248 70.5 50.6 75.8

252 72.4 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

