

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\
 Data File : BM009426.D
 Acq On : 27 Mar 2017 23:22
 Operator : SJ/MA
 Sample : I2358-10DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK5DL

Quant Time: Mar 28 02:25:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 02:24:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	149130	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	508132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	280637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	643080	20.00	ng/ul	0.00
77) Chrysene-d12	21.41	240	881740	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	856227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	739	0.19	ng/uL	0.00
5) Phenol-d5	7.00	99	12620	0.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	43727	4.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	32594	3.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	25709	2.55	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	19707	5.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	18993	4.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	37756	4.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1417	0.15	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	157510	7.98	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	173813	7.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2484	0.68	ng/ul	0.01
57) Fluorene-d10	15.49	176	137325	7.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	19044	4.69	ng/ul	0.00
70) Anthracene-d10	17.34	188	210090	6.85	ng/ul	0.00
78) Pyrene-d10	19.63	212	263962	7.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	273873	6.95	ng/ul	0.00

Target Compounds

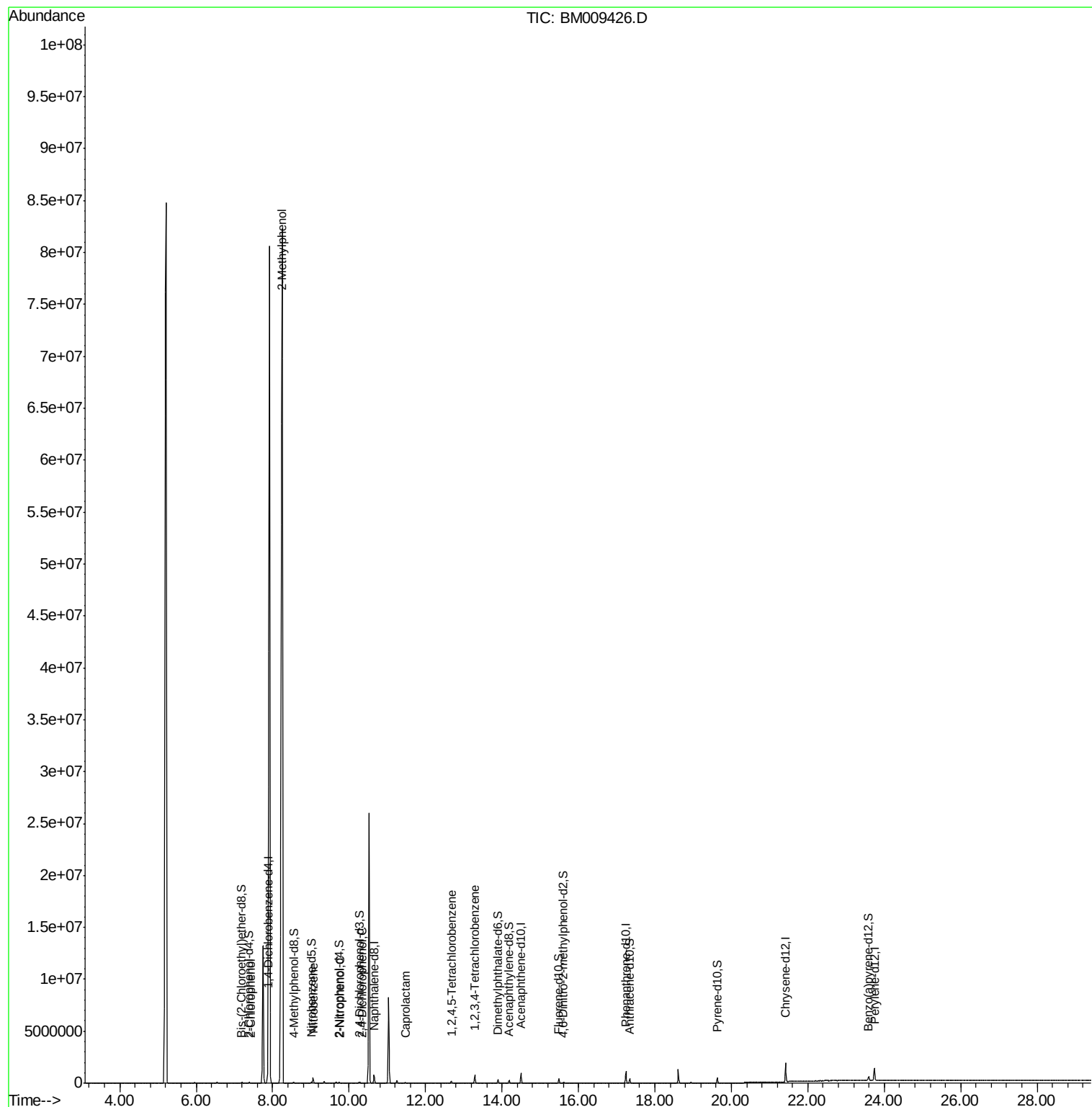
						Ovalue
10) 2-Chlorophenol	7.42	128	11260	1.17	ng/ul#	81
11) 2-Methylphenol	8.25	108	449335	45.01	ng/ul	85
20) Nitrobenzene	9.06	77	279610	22.20	ng/ul#	80
23) 2-Nitrophenol	9.77	139	5057	1.18	ng/ul#	73
27) 2,4-Dichlorophenol	10.34	162	9566	1.20	ng/ul	93
32) Caprolactam	11.47	113	3689	1.50	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	60518	6.42	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	208627	22.07	ng/uL	95

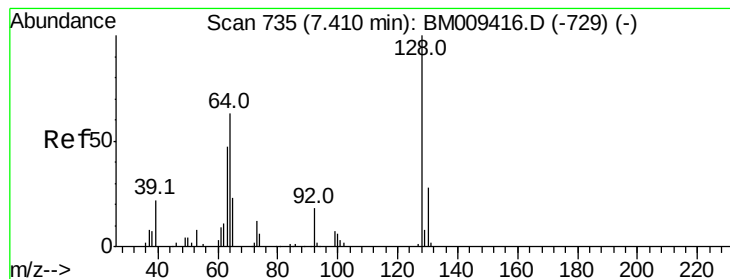
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.17 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BM009426.D

Acq: 27 Mar 2017 23:22

Instrument :

BNA_M

ClientSampleId :

C0BK5DL

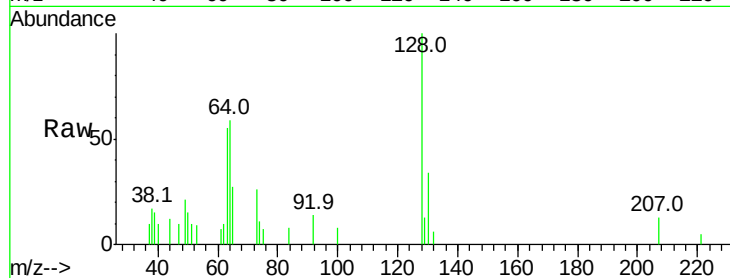
Tot Ion:128 Resp: 11260

Ion Ratio Lower Upper

128 100

64 59.0 31.9 47.9#

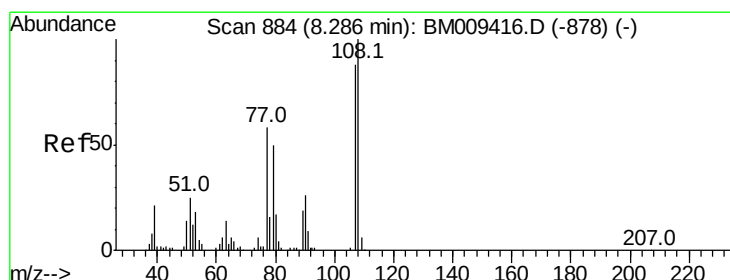
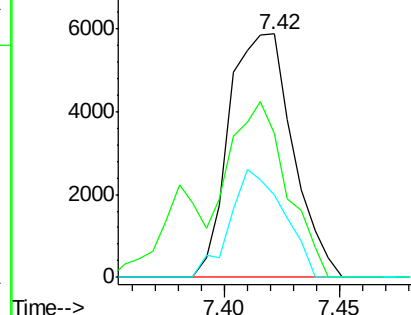
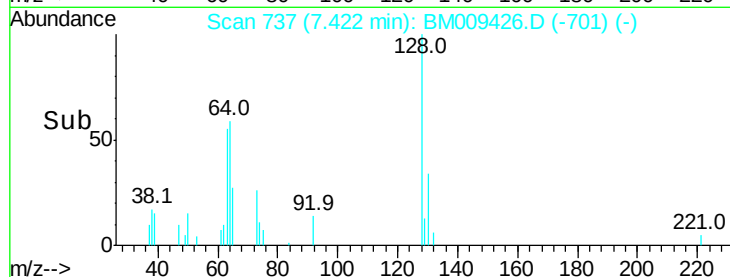
130 34.1 25.6 38.4



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: 45.01 ng/ul

RT: 8.25 min Scan# 878

Delta R.T. -0.04 min

Lab File: BM009426.D

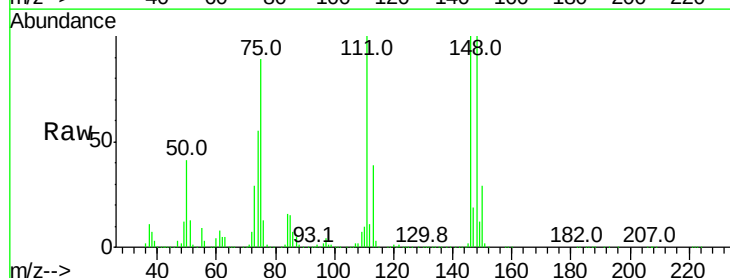
Acq: 27 Mar 2017 23:22

Tgt Ion:108 Resp: 449335

Ion Ratio Lower Upper

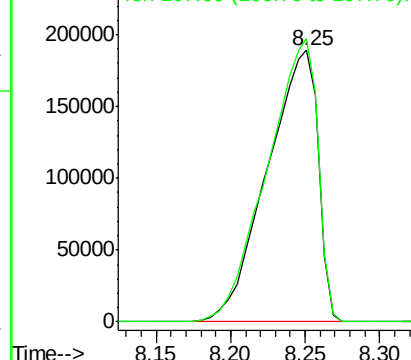
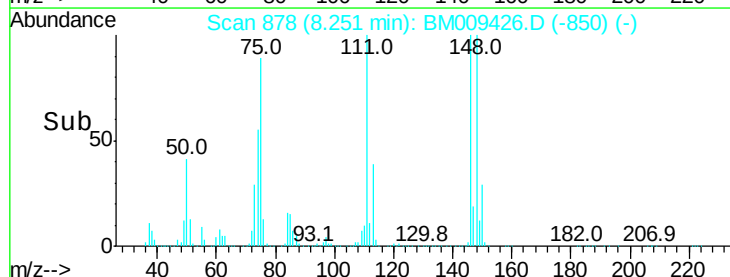
108 100

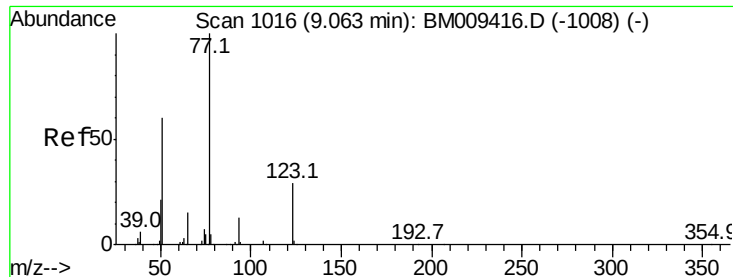
107 104.3 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

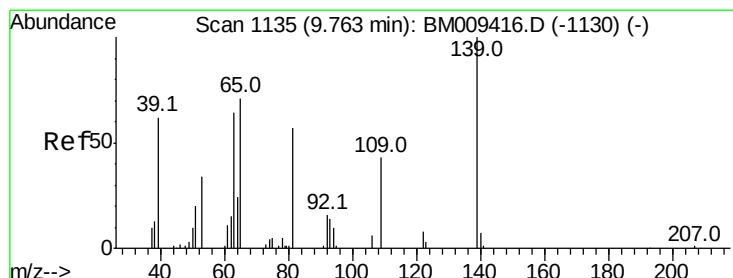
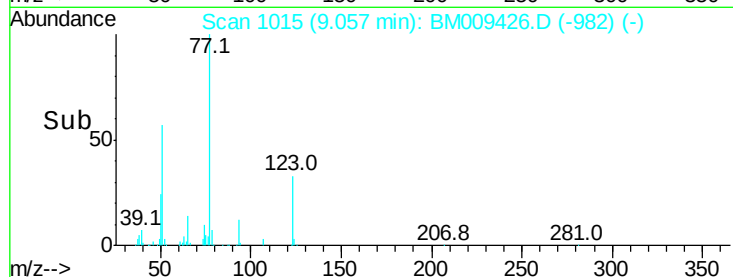
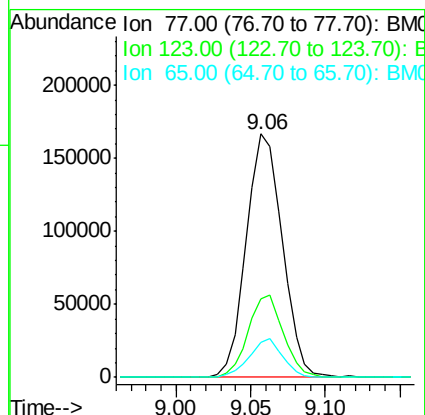
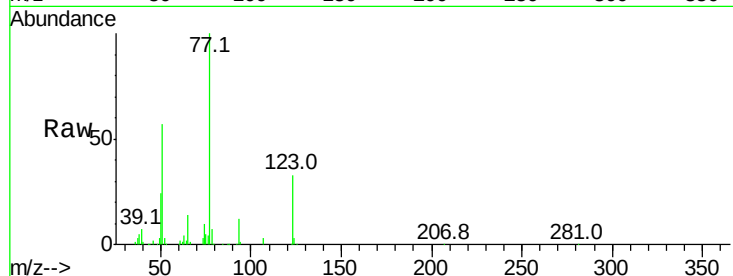




#20
Nitrobenzene
Concen: 22.20 ng/ul
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

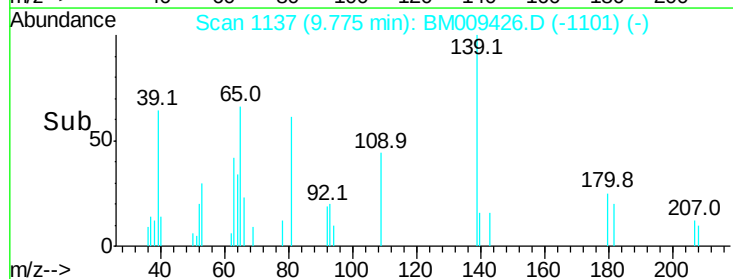
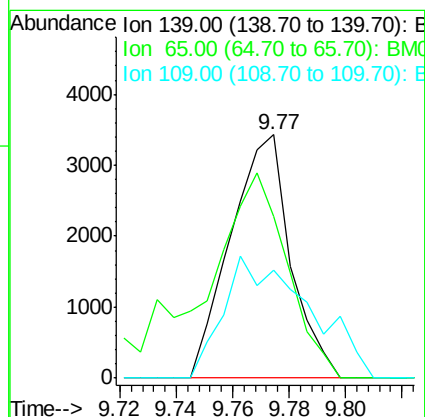
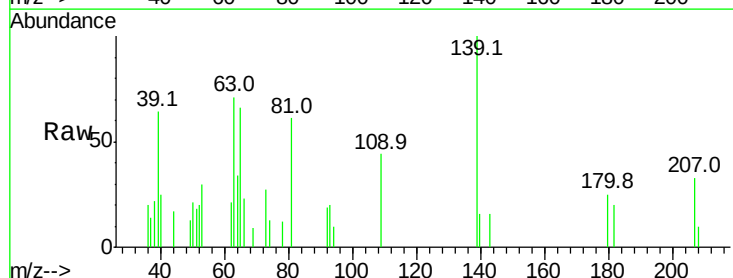
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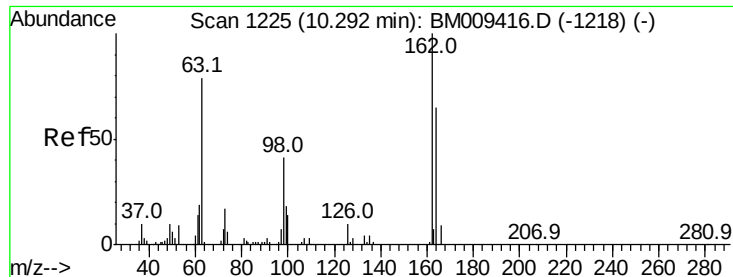
Tot Ion	Ratio	Lower	Upper
77	100		
123	32.5	39.0	58.4#
65	14.4	10.4	15.6



#23
2-Nitrophenol
Concen: 1.18 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM009426.D
Acq: 27 Mar 2017 23:22

Tgt Ion	Ratio	Lower	Upper
139	100		
65	66.3	36.3	54.5#
109	44.1	26.4	39.6#

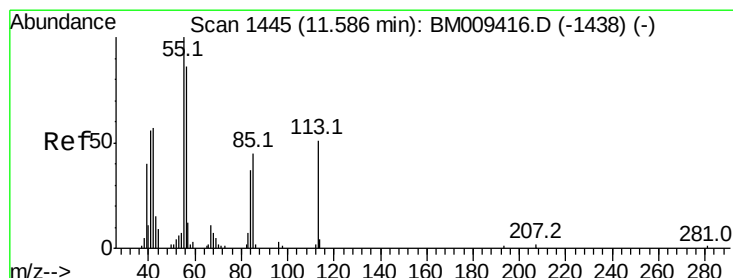
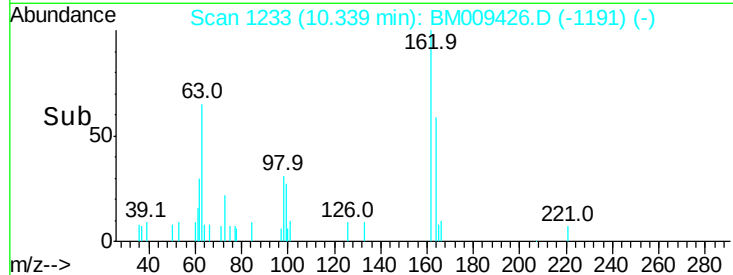
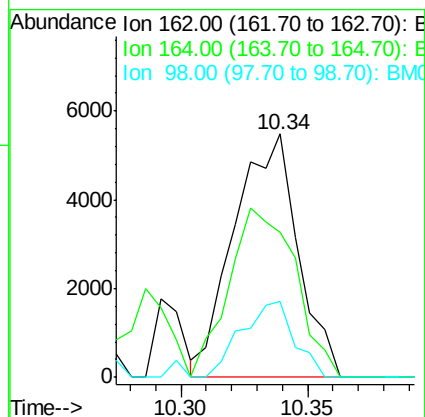
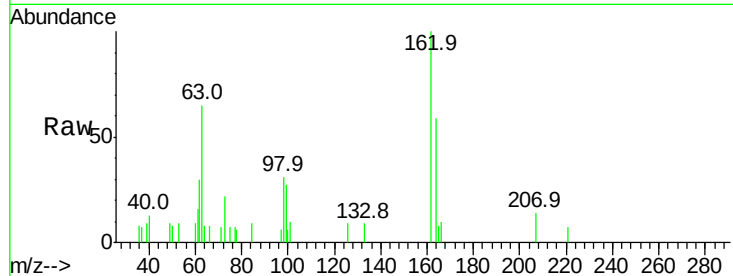




#27
 2,4-Dichlorophenol
 Concen: 1.20 ng/ul
 RT: 10.34 min Scan# 1233
 Delta R.T. 0.05 min
 Lab File: BM009426.D
 Acq: 27 Mar 2017 23:22

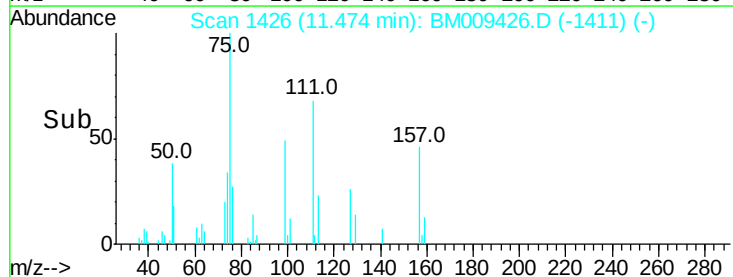
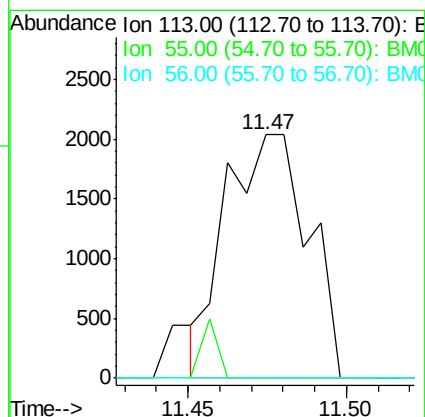
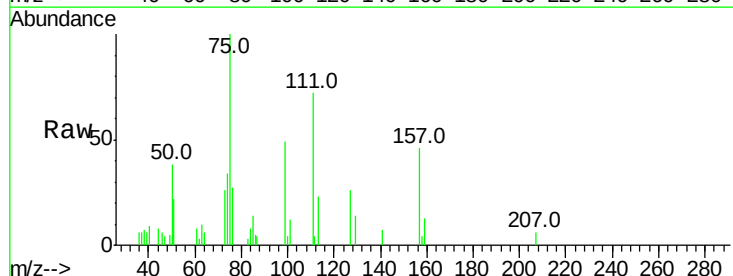
Instrument :
 BNA_M
 ClientSampleId :
 C0BK5DL

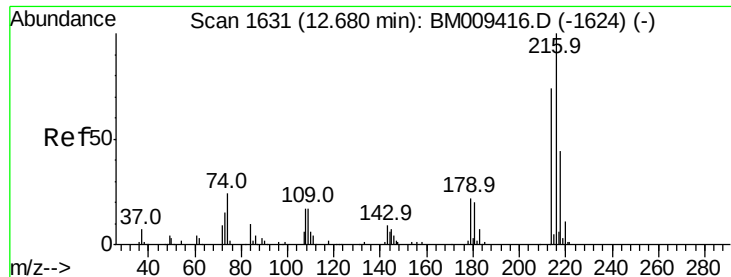
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	52.1	78.1
98	31.4	28.4	42.6



#32
 Caprolactam
 Concen: 1.50 ng/ul
 RT: 11.47 min Scan# 1426
 Delta R.T. -0.11 min
 Lab File: BM009426.D
 Acq: 27 Mar 2017 23:22

Tgt Ion	Ratio	Lower	Upper
113	100		
55	0.0	101.9	152.9#
56	0.0	81.2	121.8#





#36

1,2,4,5-Tetrachlorobenzene

Concen: 6.42 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009426.D

Acq: 27 Mar 2017 23:22

Instrument :

BNA_M

ClientSampleId :

C0BK5DL

Tot Ion:216 Resp: 60518

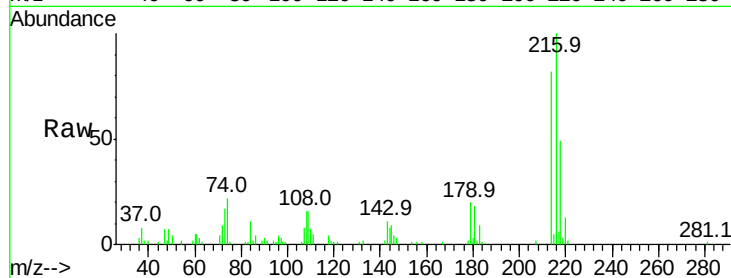
Ion Ratio Lower Upper

216 100

214 81.6 62.5 93.7

179 19.7 18.2 27.2

108 16.1 14.2 21.2

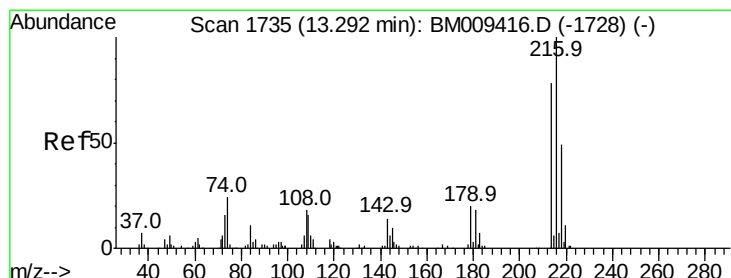
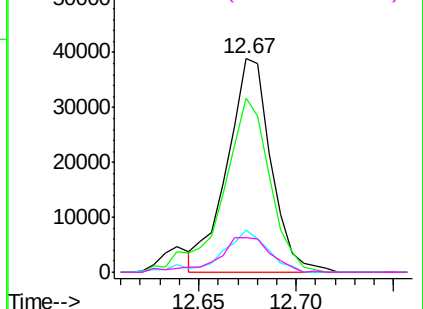
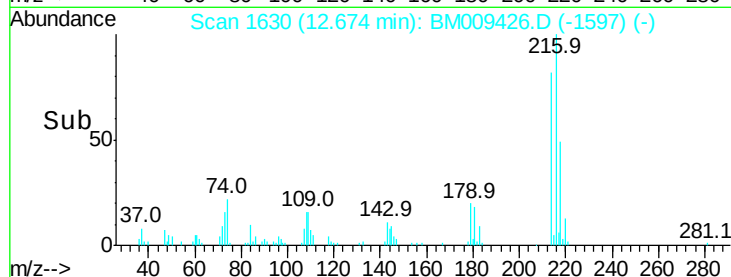


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 22.07 ng/uL

RT: 13.29 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM009426.D

Acq: 27 Mar 2017 23:22

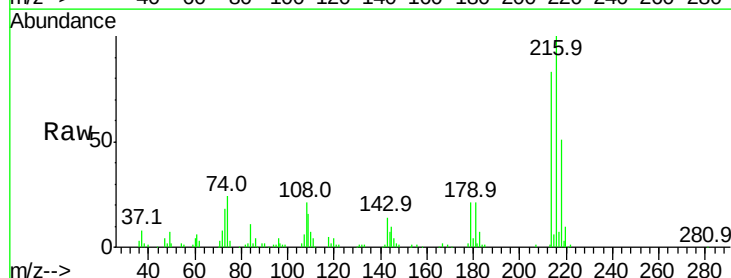
Tgt Ion:216 Resp: 208627

Ion Ratio Lower Upper

216 100

214 83.0 62.5 93.7

218 51.3 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

