

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032317\
 Data File : BM009373.D
 Acq On : 24 Mar 2017 10:56
 Operator : SJ/MA
 Sample : I2358-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ8

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:00:06 PM

Quant Time: Mar 27 11:20:00 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	7.93	152	196380m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.68	136	541606m	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	306803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	676749	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	875367	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	841097	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21466	4.17	ng/uL	0.00
5) Phenol-d5	7.02	99	87669m	4.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	312026	24.64	ng/ul	0.03
9) 2-Chlorophenol-d4	7.40	132	243601	20.37	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	173366	13.08	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	162291	40.76	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	175407m	40.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	305131	35.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	8176m	0.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1017206	47.14	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1258607	46.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	30051	7.55	ng/ul	0.00
57) Fluorene-d10	15.49	176	889579	44.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	155689	36.40	ng/ul	0.00
70) Anthracene-d10	17.34	188	1373167	42.54	ng/ul	0.00
78) Pyrene-d10	19.64	212	1571872	42.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1616717	41.74	ng/ul	0.00

Target Compounds

						Qvalue
20) Nitrobenzene	9.08	77	1813259	135.09	ng/ul#	81
23) 2-Nitrophenol	9.77	139	113380m	24.83	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	550247m	53.38	ng/ul	
52) 4-Nitrophenol	14.70	109	16778	3.60	ng/ul#	70
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	1791381	180.05	ng/uL	99
73) Pentachlorobenzene	14.81	250	12803	1.30	ng/uL	95

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

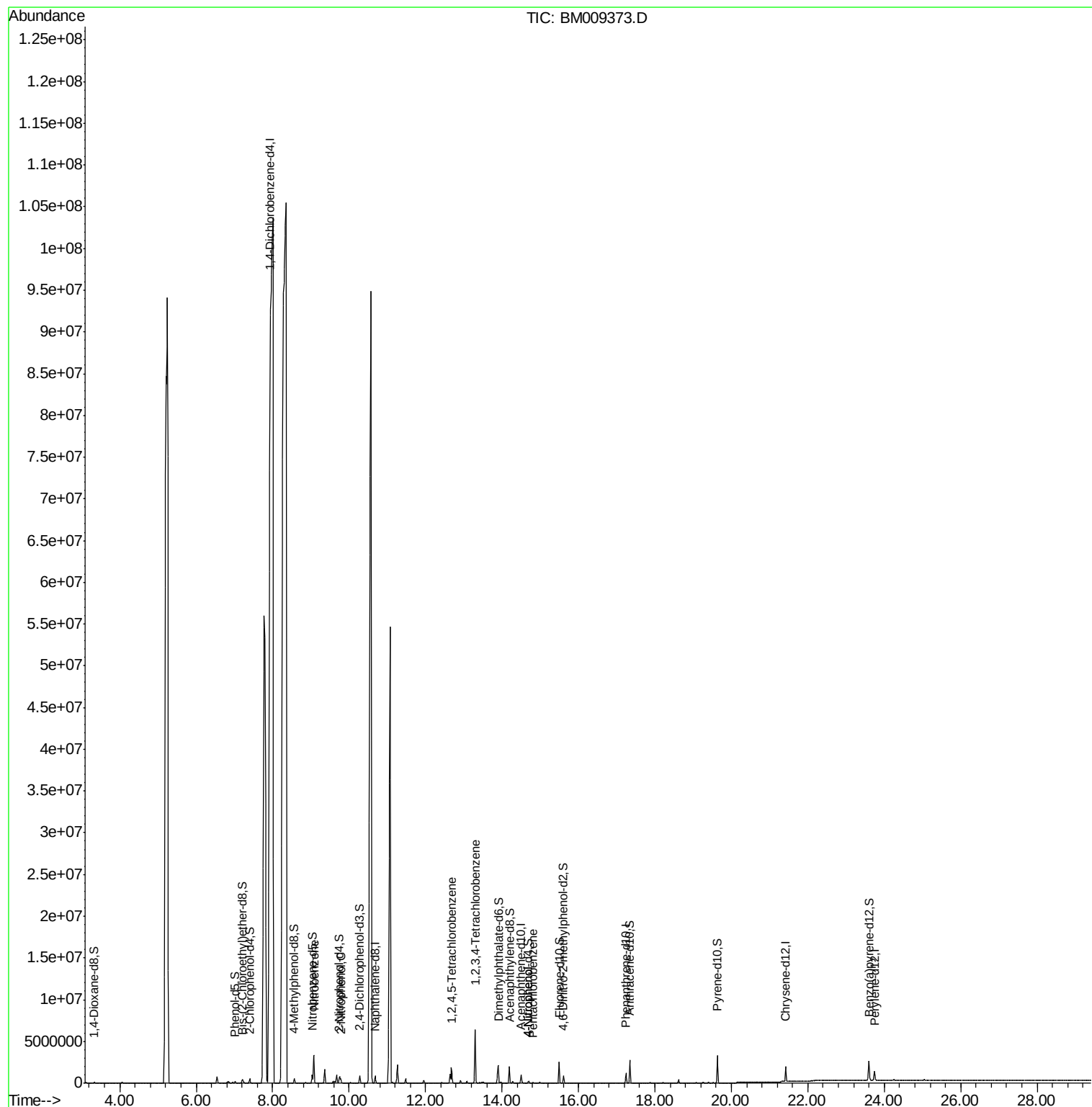
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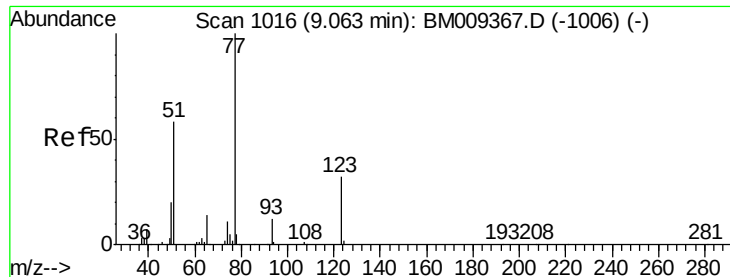
Instrument :
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#20

Nitrobenzene

Concen: 135.09 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. 0.02 min

Lab File: BM009373.D

Acq: 24 Mar 2017 10:56

Instrument :

BNA_M

ClientSampled :

C0BJ8

Tgt Ion: 77 Resp: 1813259

Ion Ratio Lower Upper

77 100

123 33.1 39.0 58.4#

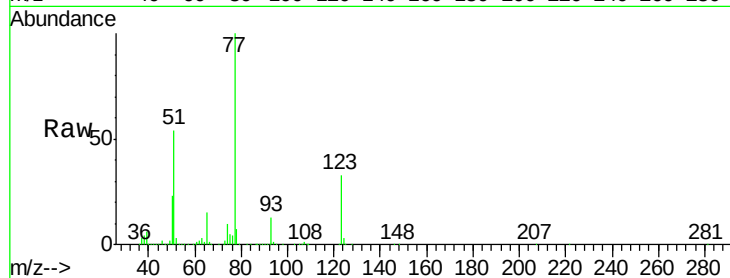
65 14.8 10.4 15.6

Manual Integrations

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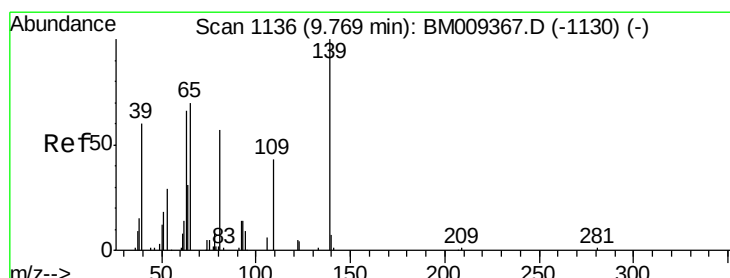
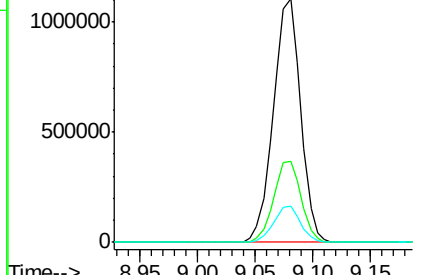
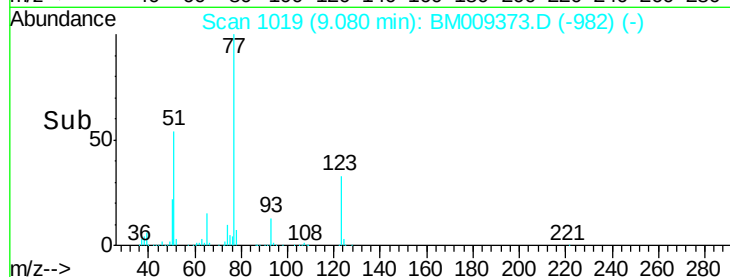


Abundance Ion 77.00 (76.70 to 77.70): BM009373.D (-1006) (-)

Ion 123.00 (122.70 to 123.70): BM009373.D (-1006) (-)

Ion 65.00 (64.70 to 65.70): BM009373.D (-1006) (-)

Time-->



#23

2-Nitrophenol

Concen: 24.83 ng/ul m

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BM009373.D

Acq: 24 Mar 2017 10:56

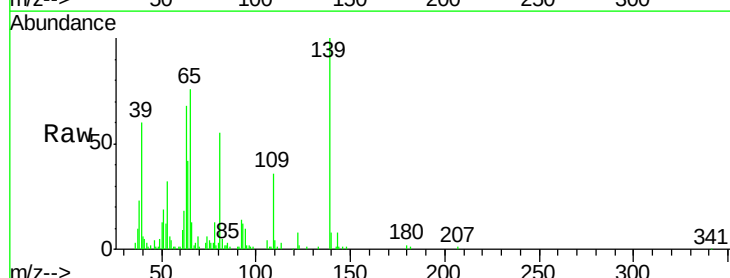
Tgt Ion: 139 Resp: 113380

Ion Ratio Lower Upper

139 100

65 75.8 36.3 54.5#

109 35.9 26.4 39.6

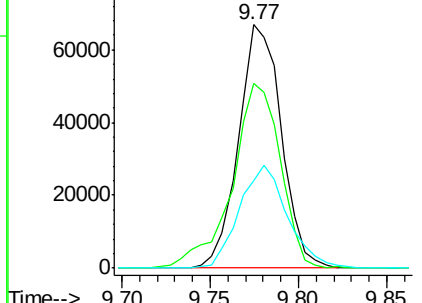
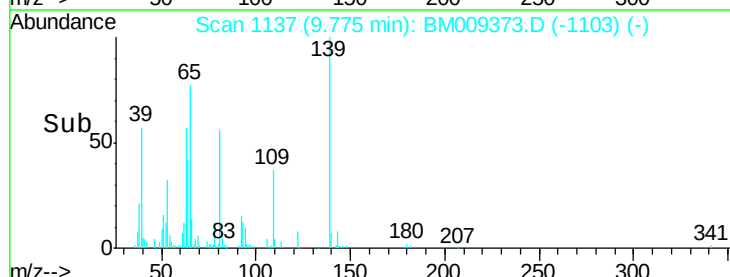


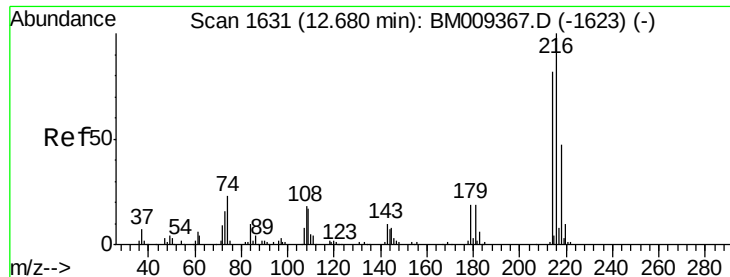
Abundance Ion 139.00 (138.70 to 139.70): BM009373.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM009373.D (-1130) (-)

Ion 109.00 (108.70 to 109.70): BM009373.D (-1130) (-)

Time-->





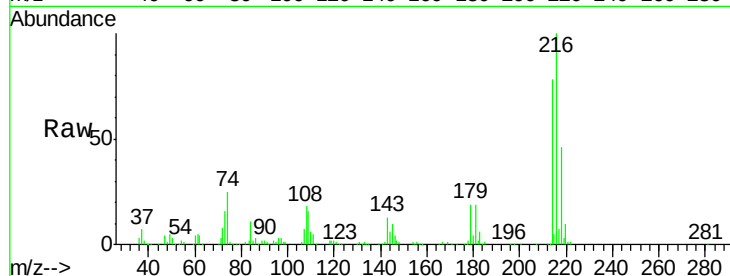
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.38 ng/ul m
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM009373.D
 Acq: 24 Mar 2017 10:56

Instrument :
 BNA_M
 ClientSampled :
 C0BJ8

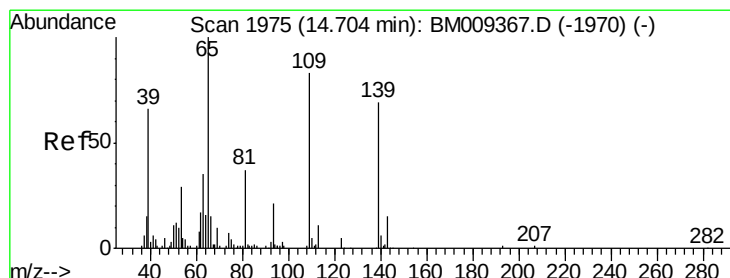
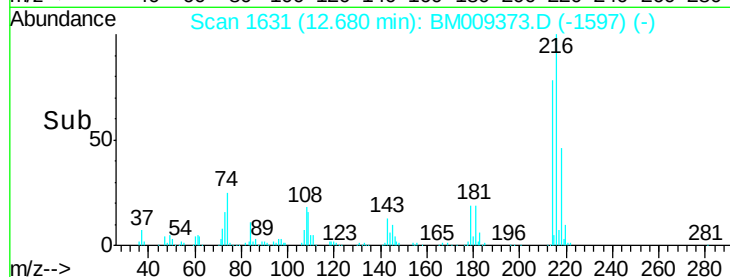
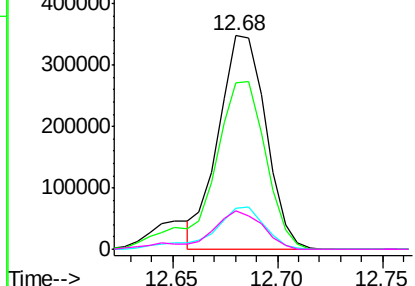
Tgt Ion:	216	Resp:	550247
Ion Ratio	Lower	Upper	
216	100		
214	77.7	62.5	93.7
179	19.0	18.2	27.2
108	17.7	14.2	21.2

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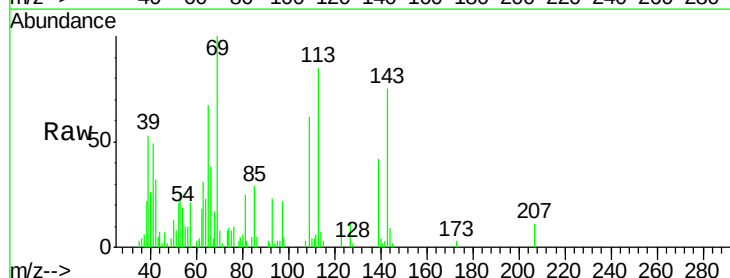


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

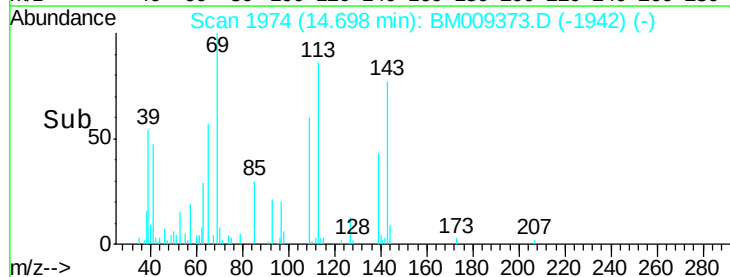
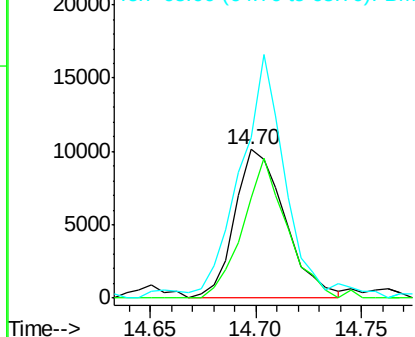


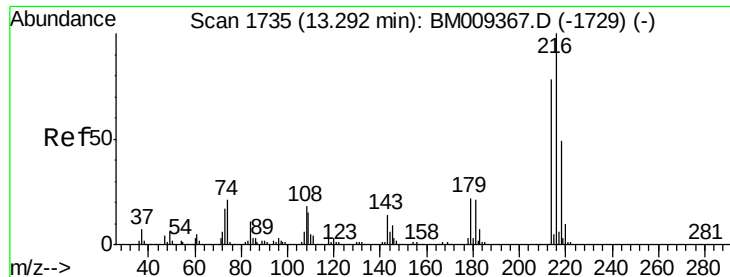
#52
 4-Nitrophenol
 Concen: 3.60 ng/ul
 RT: 14.70 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BM009373.D
 Acq: 24 Mar 2017 10:56

Tgt Ion:	109	Resp:	16778
Ion Ratio	Lower	Upper	
109	100		
139	67.7	103.7	155.5#
65	107.6	89.4	134.2



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM0





#72

1,2,3,4-Tetrachlorobenzene

Concen: 180.05 ng/uL

RT: 13.30 min Scan# 1736

Delta R.T. 0.01 min

Lab File: BM009373.D

Acq: 24 Mar 2017 10:56

Instrument :

BNA_M

ClientSampleId :

C0BJ8

Tgt Ion:216 Resp: 1791381

Ion Ratio Lower Upper

216 100

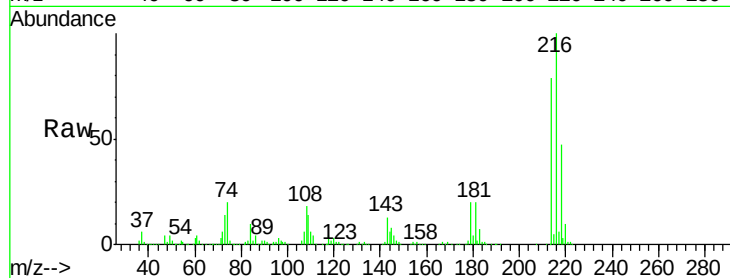
214 79.3 62.5 93.7

218 47.5 38.4 57.6

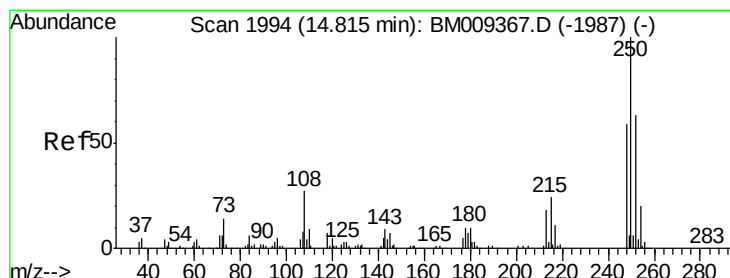
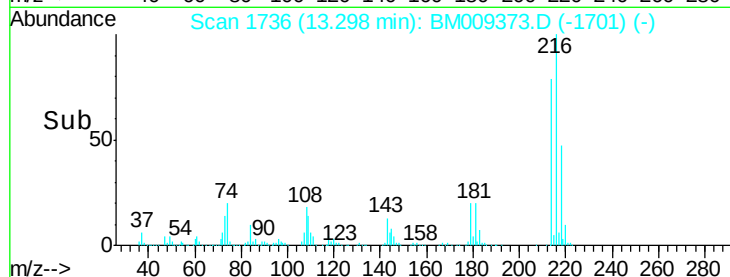
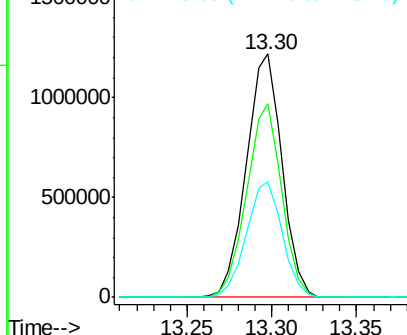
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 1.30 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM009373.D

Acq: 24 Mar 2017 10:56

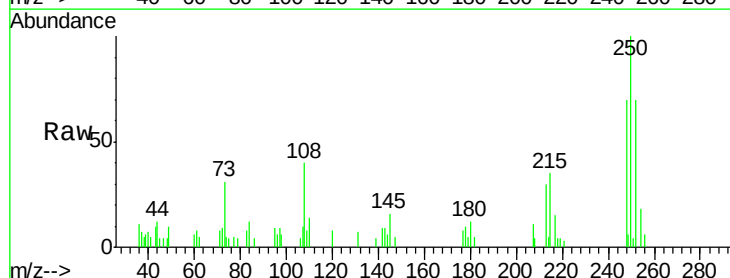
Tgt Ion:250 Resp: 12803

Ion Ratio Lower Upper

250 100

248 67.7 50.6 75.8

252 67.8 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

