

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032017\
 Data File : BM009291.D
 Acq On : 20 Mar 2017 12:45
 Operator : SJ/MA
 Sample : I2303-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ6

Quant Time: Mar 20 13:17:26 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:01:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	51740	20.00	ng/ul	0.02
18) Naphthalene-d8	10.69	136	435746	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	268858	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	705170	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1181050	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1247730	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	2466	2.10	ng/uL	0.01
5) Phenol-d5	7.03	99	50971	9.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	208155	57.10	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	156251	45.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	110333	24.71	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	113670	36.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	115822	33.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	210077	28.47	ng/ul	0.01
29) 4-Chloroaniline-d4	10.83	131	14291	1.62	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	834187	40.85	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1014525	43.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	25183	6.21	ng/ul	0.00
57) Fluorene-d10	15.51	176	760149	41.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	147479	34.96	ng/ul	0.00
70) Anthracene-d10	17.36	188	1388537	41.61	ng/ul	0.00
78) Pyrene-d10	19.66	212	1806877	37.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2323452	40.70	ng/ul	0.00

Target Compounds

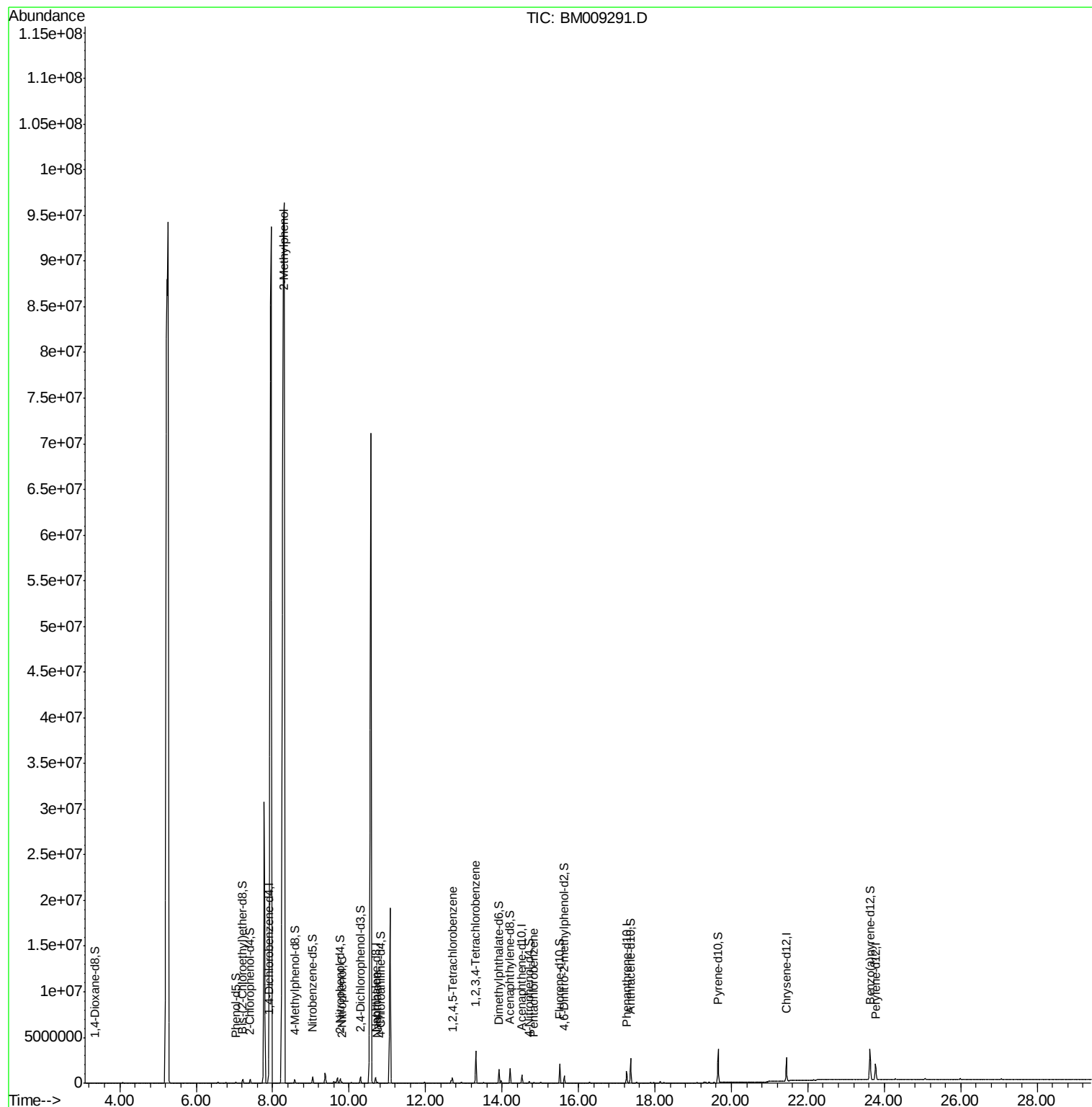
						Qvalue
11) 2-Methylphenol	8.30	108	829780	191.63	ng/ul	93
23) 2-Nitrophenol	9.80	139	11390	3.03	ng/ul#	57
28) Naphthalene	10.74	128	55752	2.49	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	186604	23.08	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	955099	115.29	ng/uL	99
73) Pentachlorobenzene	14.83	250	30802	3.46	ng/uL	94

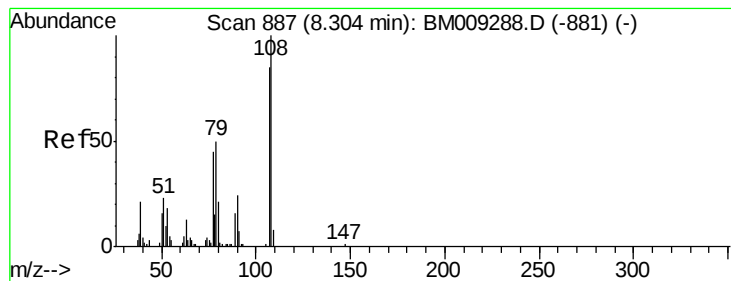
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 191.63 ng/ul

RT: 8.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM009291.D

Acq: 20 Mar 2017 12:45

Instrument :

BNA_M

ClientSampleId :

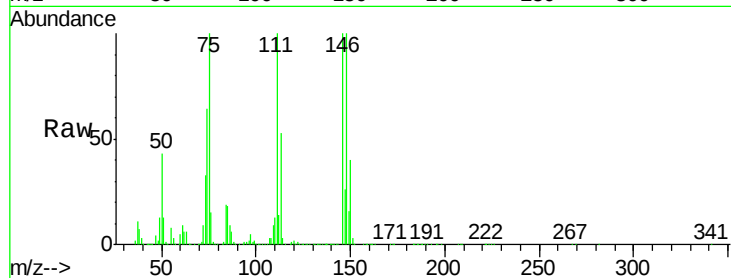
C0BJ6

Tgt Ion:108 Resp: 829780

Ion Ratio Lower Upper

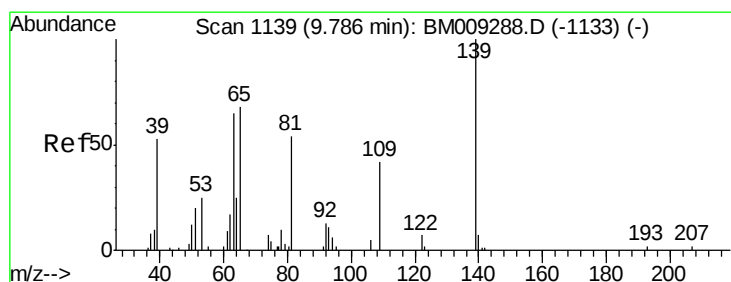
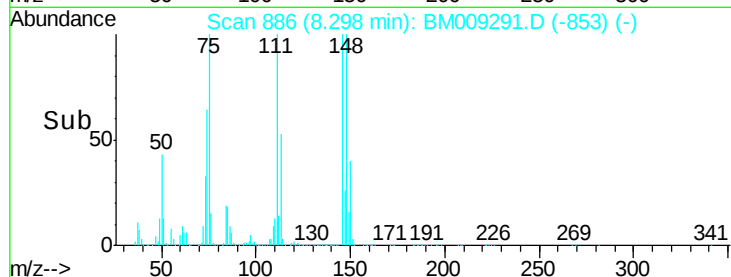
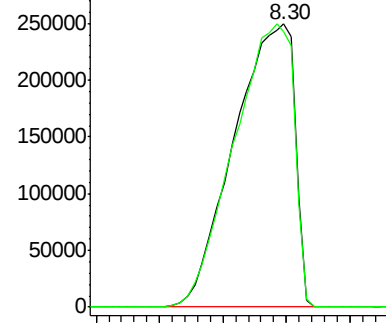
108 100

107 97.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#23

2-Nitrophenol

Concen: 3.03 ng/ul

RT: 9.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BM009291.D

Acq: 20 Mar 2017 12:45

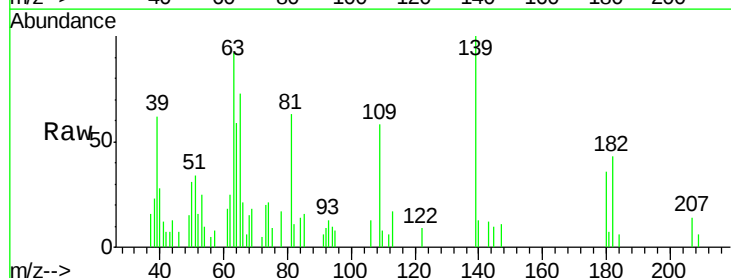
Tgt Ion:139 Resp: 11390

Ion Ratio Lower Upper

139 100

65 73.4 36.3 54.5#

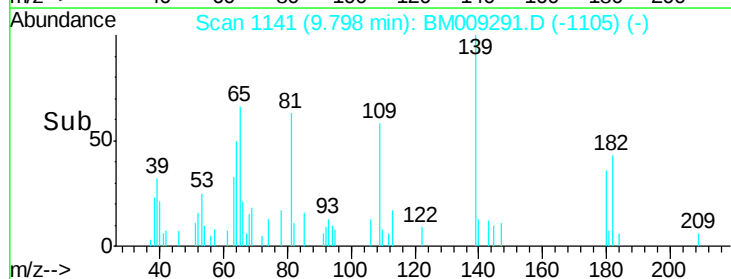
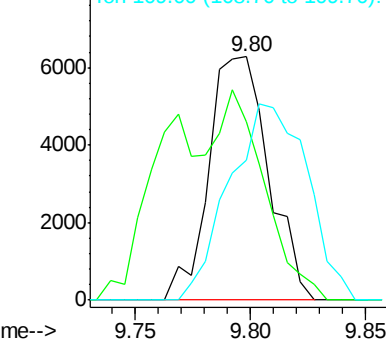
109 57.6 26.4 39.6#

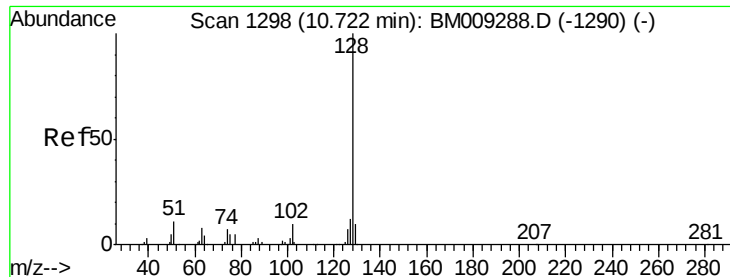


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E

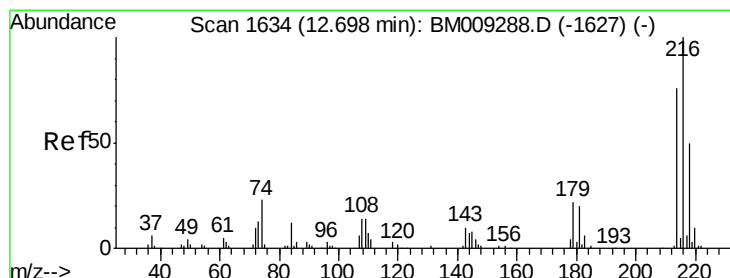
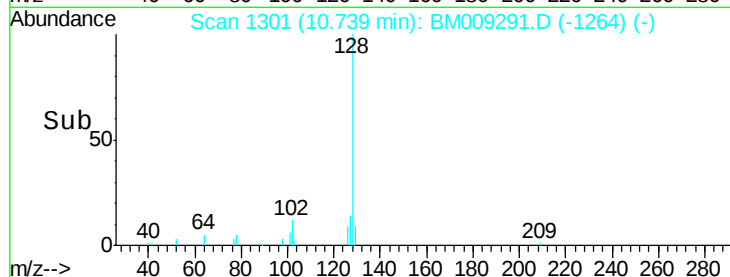
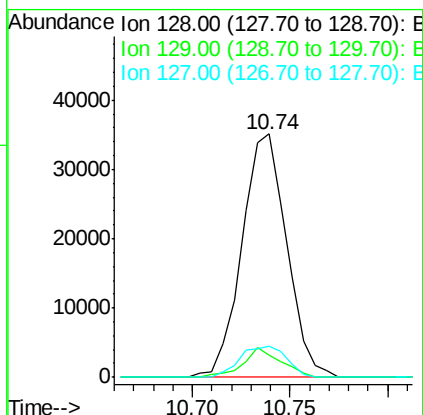
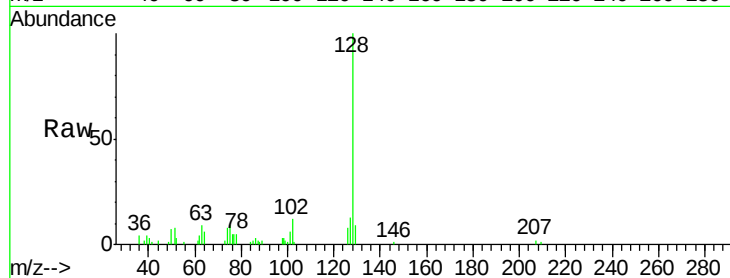




#28
Naphthalene
Concen: 2.49 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BM009291.D
Acq: 20 Mar 2017 12:45

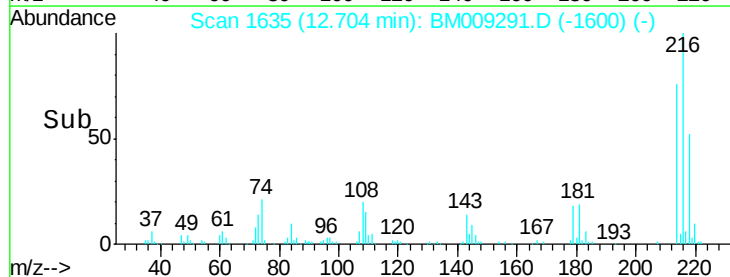
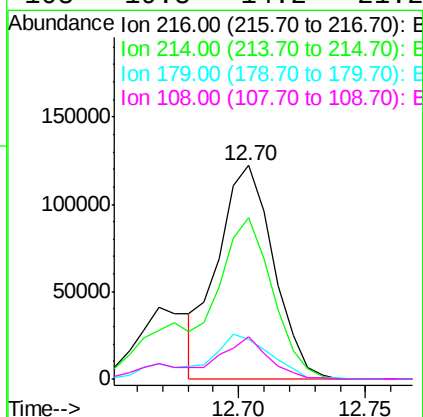
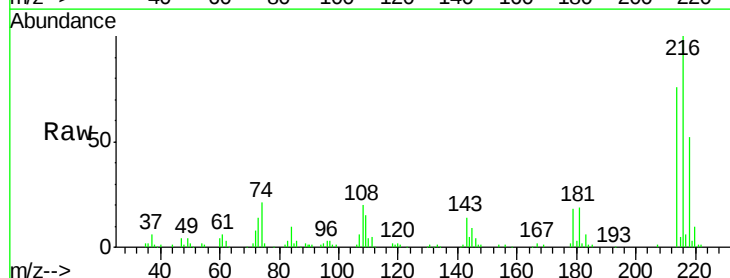
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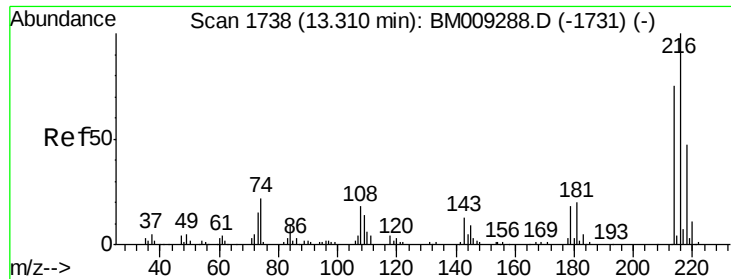
Tgt Ion:128 Resp: 55752
Ion Ratio Lower Upper
128 100
129 9.0 8.8 13.2
127 12.9 10.5 15.7



#36
1,2,4,5-Tetrachlorobenzene
Concen: 23.08 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BM009291.D
Acq: 20 Mar 2017 12:45

Tgt Ion:216 Resp: 186604
Ion Ratio Lower Upper
216 100
214 75.6 62.5 93.7
179 18.3 18.2 27.2
108 19.8 14.2 21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 115.29 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM009291.D

Acq: 20 Mar 2017 12:45

Instrument :

BNA_M

ClientSampleId :

C0BJ6

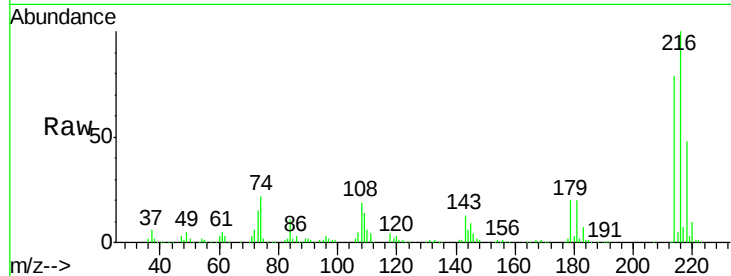
Tgt Ion:216 Resp: 955099

Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

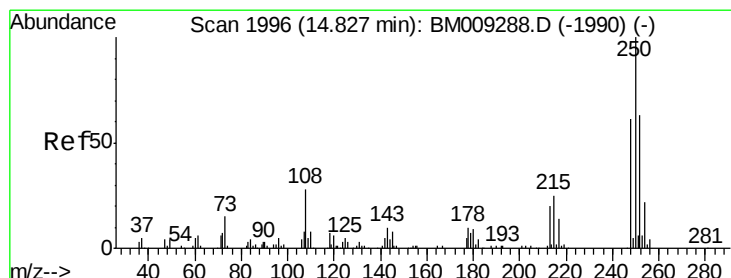
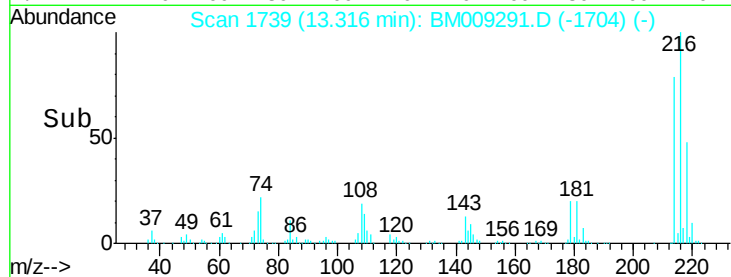
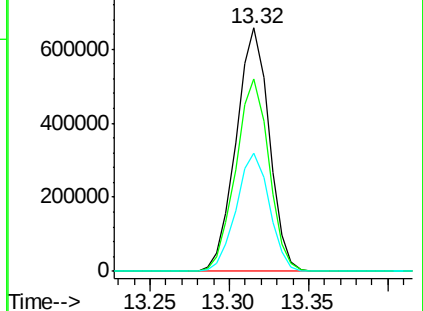
218 48.4 38.4 57.6



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



#73

Pentachlorobenzene

Concen: 3.46 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BM009291.D

Acq: 20 Mar 2017 12:45

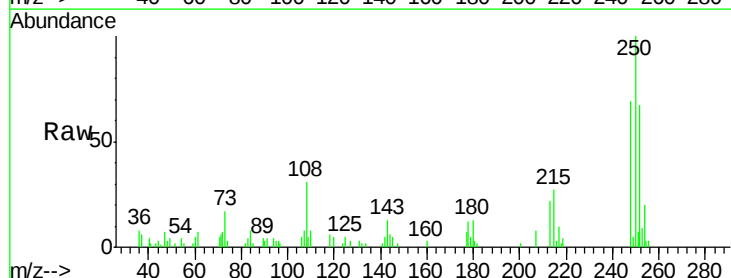
Tgt Ion:250 Resp: 30802

Ion Ratio Lower Upper

250 100

248 69.4 50.6 75.8

252 67.4 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

