

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009374.D
 Acq On : 24 Mar 2017 11:32
 Operator : SJ/MA
 Sample : I2358-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK4

Manual Integrations
 APPROVED

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Quant Time: Mar 24 12:05:27 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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	202496m	20.00	ng/ul	0.06
18) Naphthalene-d8	10.67	136	587231	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	321333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	730081	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	950551	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	898802	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	20281	3.82	ng/uL	0.00
5) Phenol-d5	7.02	99	90191	4.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	285778	21.89	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	229450	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	167539	12.26	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	139475	32.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	152190	32.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	264697	28.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	12829m	1.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	906764	40.12	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1079358	38.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	30093	7.22	ng/ul	0.00
57) Fluorene-d10	15.49	176	784331	37.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	133816	29.00	ng/ul	0.00
70) Anthracene-d10	17.34	188	1267112	36.39	ng/ul	0.00
78) Pyrene-d10	19.64	212	1490102	36.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1507325	36.41	ng/ul	0.00

Target Compounds

						Qvalue
20) Nitrobenzene	9.07	77	2433301	167.20	ng/ul#	81
23) 2-Nitrophenol	9.77	139	31807	6.42	ng/ul#	76
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	382504m	35.43	ng/ul	
52) 4-Nitrophenol	14.71	109	6621	1.36	ng/ul#	74
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	1455896	135.64	ng/uL	100
73) Pentachlorobenzene	14.81	250	13355	1.26	ng/uL	95

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

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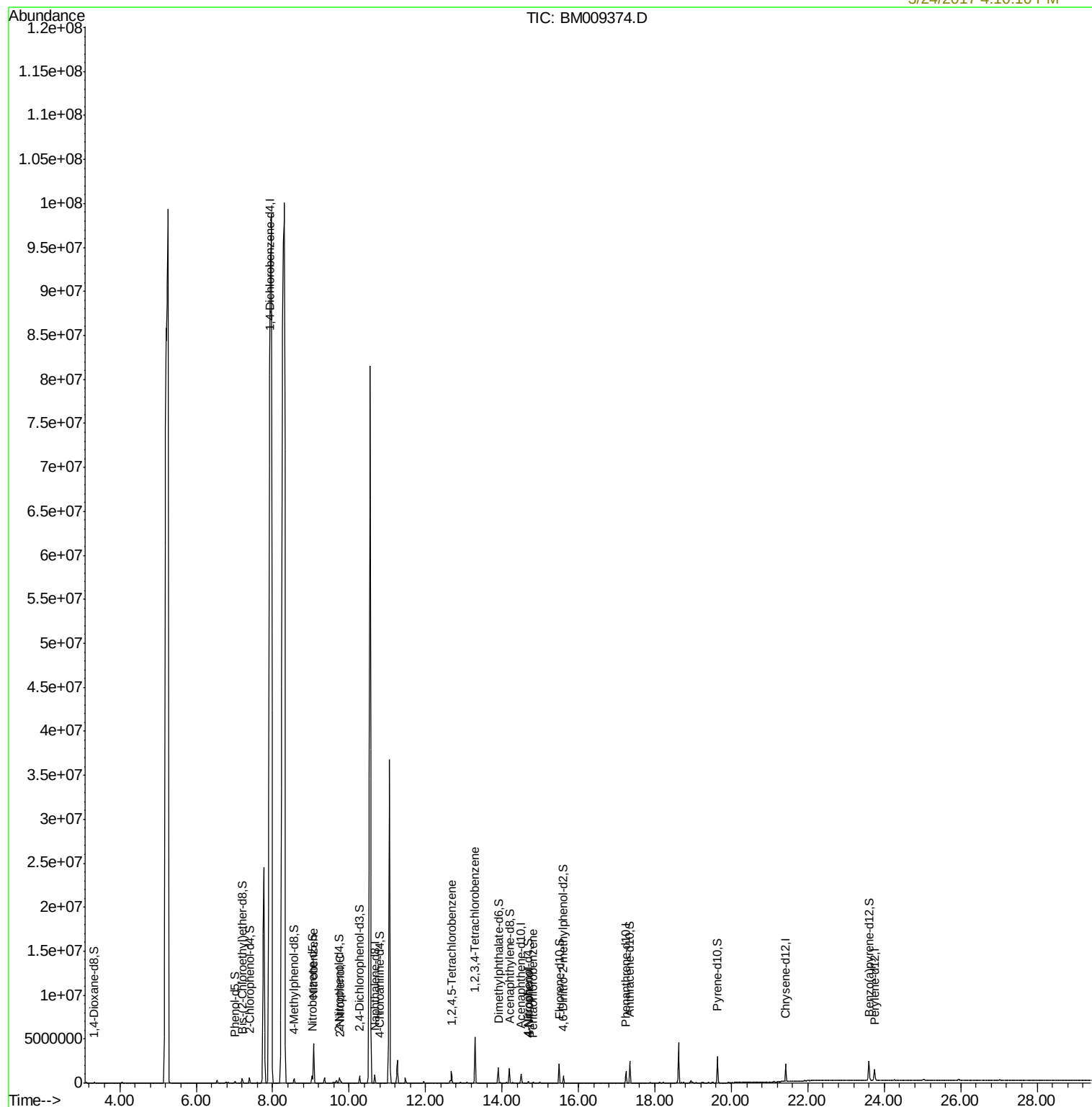
Instrument :
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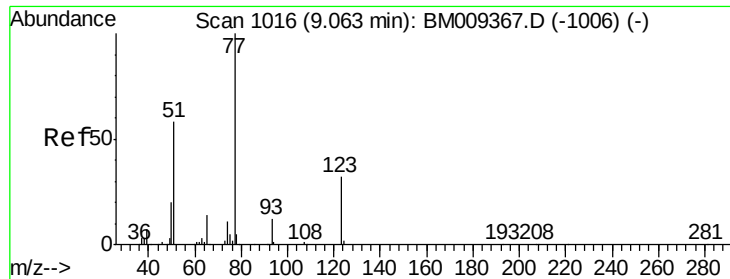
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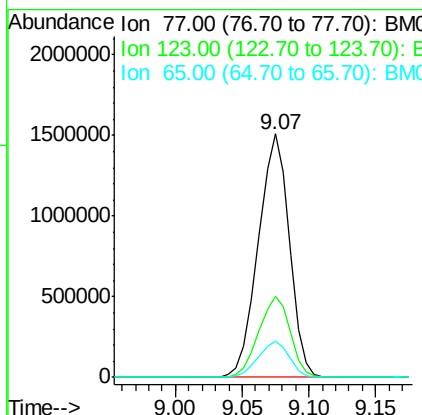
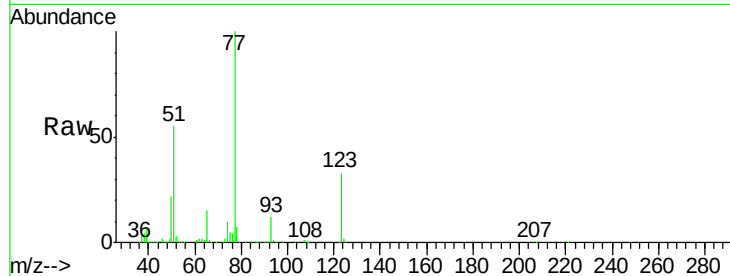
#20
Nitrobenzene
Concen: 167.20 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009374.D
Acq: 24 Mar 2017 11:32

Instrument :
BNA_M
ClientSampleId :
C0BK4

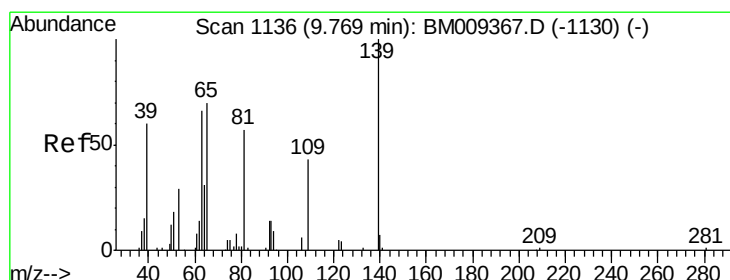
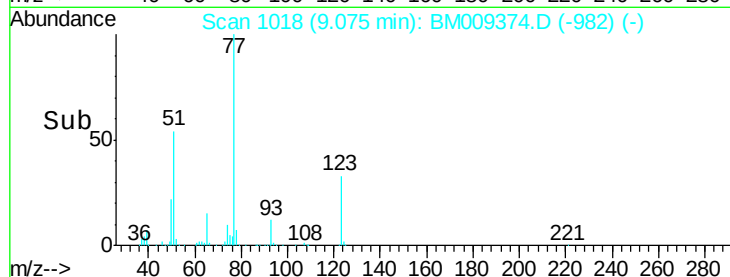
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.3	39.0	58.4#
65	14.8	10.4	15.6

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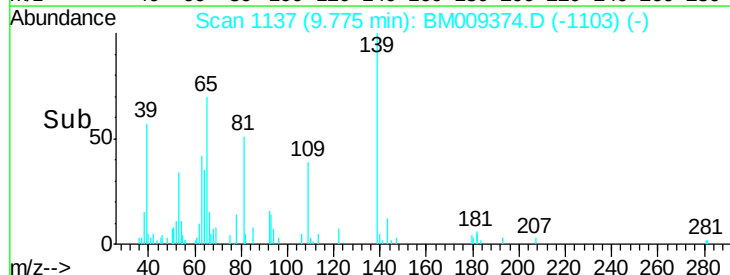
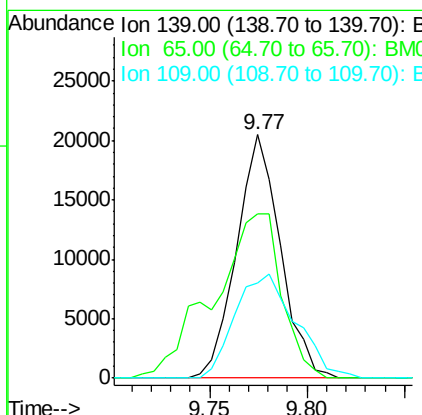
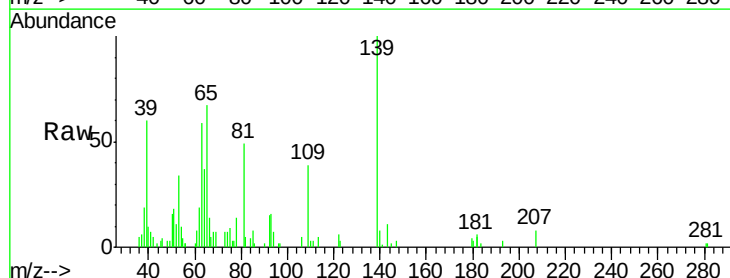


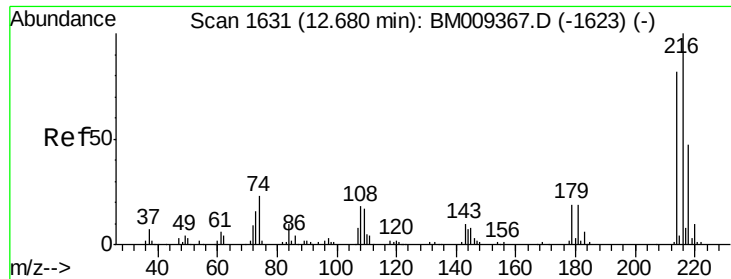
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#23
2-Nitrophenol
Concen: 6.42 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM009374.D
Acq: 24 Mar 2017 11:32

Tgt Ion	Ratio	Lower	Upper
139	100		
65	67.2	36.3	54.5#
109	38.8	26.4	39.6





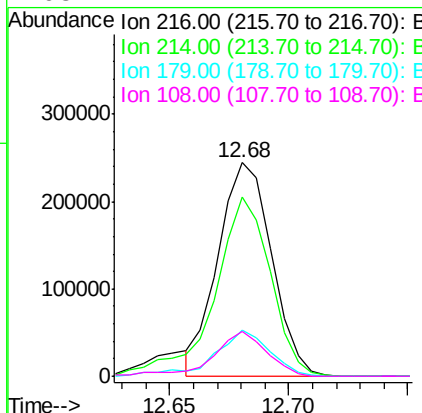
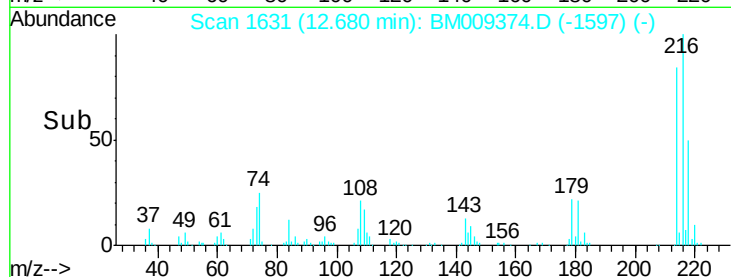
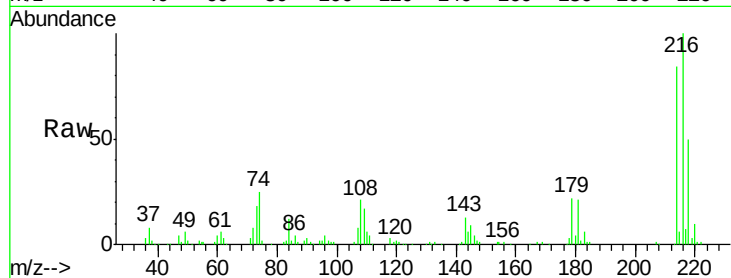
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.43 ng/ul m
 RT: 12.68 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM009374.D
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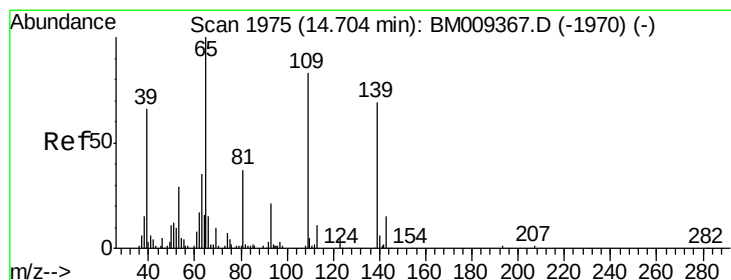
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	382504		
214	84.2	62.5	93.7	
179	21.8	18.2	27.2	
108	21.2	14.2	21.2	

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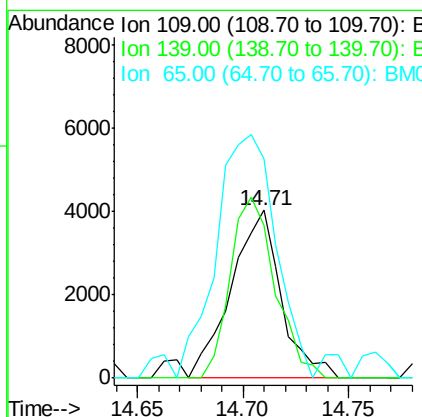
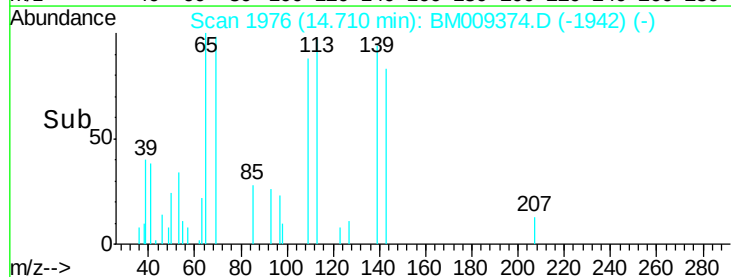
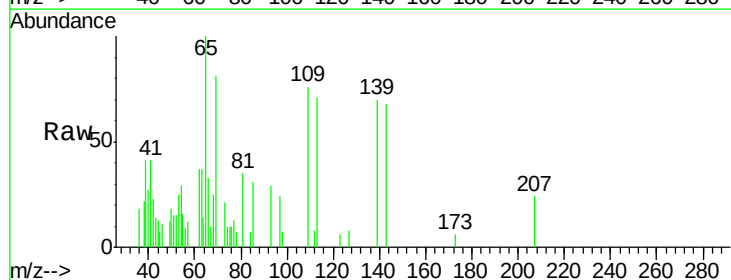


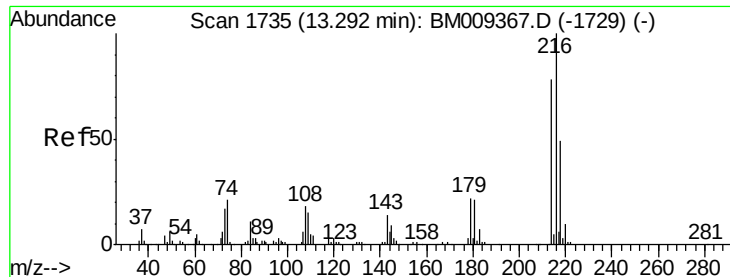
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#52
 4-Nitrophenol
 Concen: 1.36 ng/ul
 RT: 14.71 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BM009374.D
 Acq: 24 Mar 2017 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	6621		
139	91.2	103.7	155.5#	
65	130.9	89.4	134.2	





#72

1,2,3,4-Tetrachlorobenzene

Concen: 135.64 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BM009374.D

Acq: 24 Mar 2017 11:32

Instrument :

BNA_M

ClientSampleId :

C0BK4

Tgt Ion:216 Resp: 1455896

Ion Ratio Lower Upper

216 100

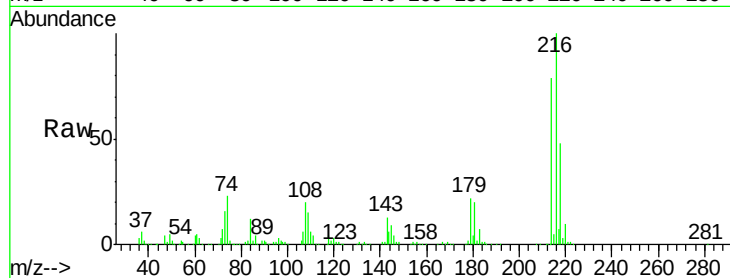
214 78.5 62.5 93.7

218 47.9 38.4 57.6

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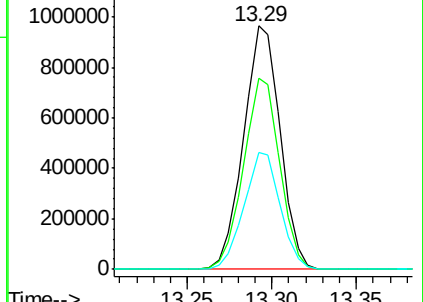
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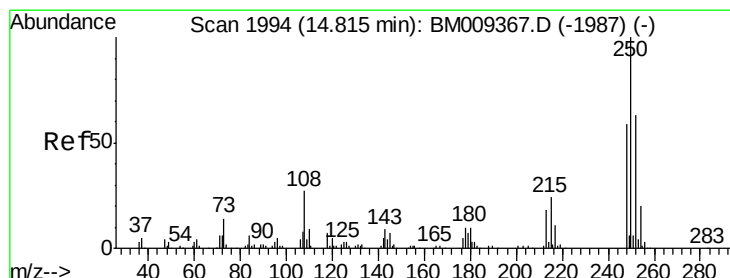
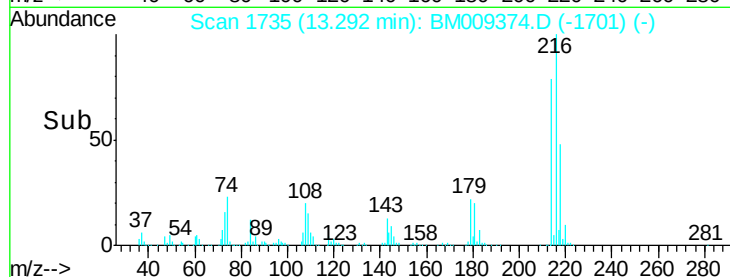
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



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#73

Pentachlorobenzene

Concen: 1.26 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM009374.D

Acq: 24 Mar 2017 11:32

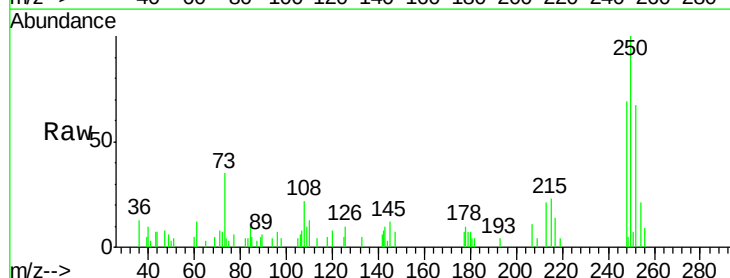
Tgt Ion:250 Resp: 13355

Ion Ratio Lower Upper

250 100

248 68.9 50.6 75.8

252 66.8 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

