

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032317\
 Data File : BM009368.D
 Acq On : 24 Mar 2017 06:45
 Operator : SJ/MA
 Sample : I2358-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH5

Quant Time: Mar 24 07:16:28 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	7.86	152	172614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	644455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	364671	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	1441409	20.00	ng/ul	0.10
77) Chrysene-d12	21.42	240	1173835	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1117356	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	23879	5.27	ng/uL	0.00
5) Phenol-d5	7.01	99	97527	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	321029	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	246534	23.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	123550	10.60	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	152383	32.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	168464	32.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	292032	28.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	3625	0.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	975232	38.03	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1076909	33.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	29570	6.25	ng/ul	0.00
57) Fluorene-d10	15.49	176	891764	37.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	139890	15.36	ng/ul	0.00
70) Anthracene-d10	17.34	188	1441409	20.97	ng/ul	0.00
78) Pyrene-d10	19.64	212	1715557	34.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1725120	33.52	ng/ul	0.00

Target Compounds

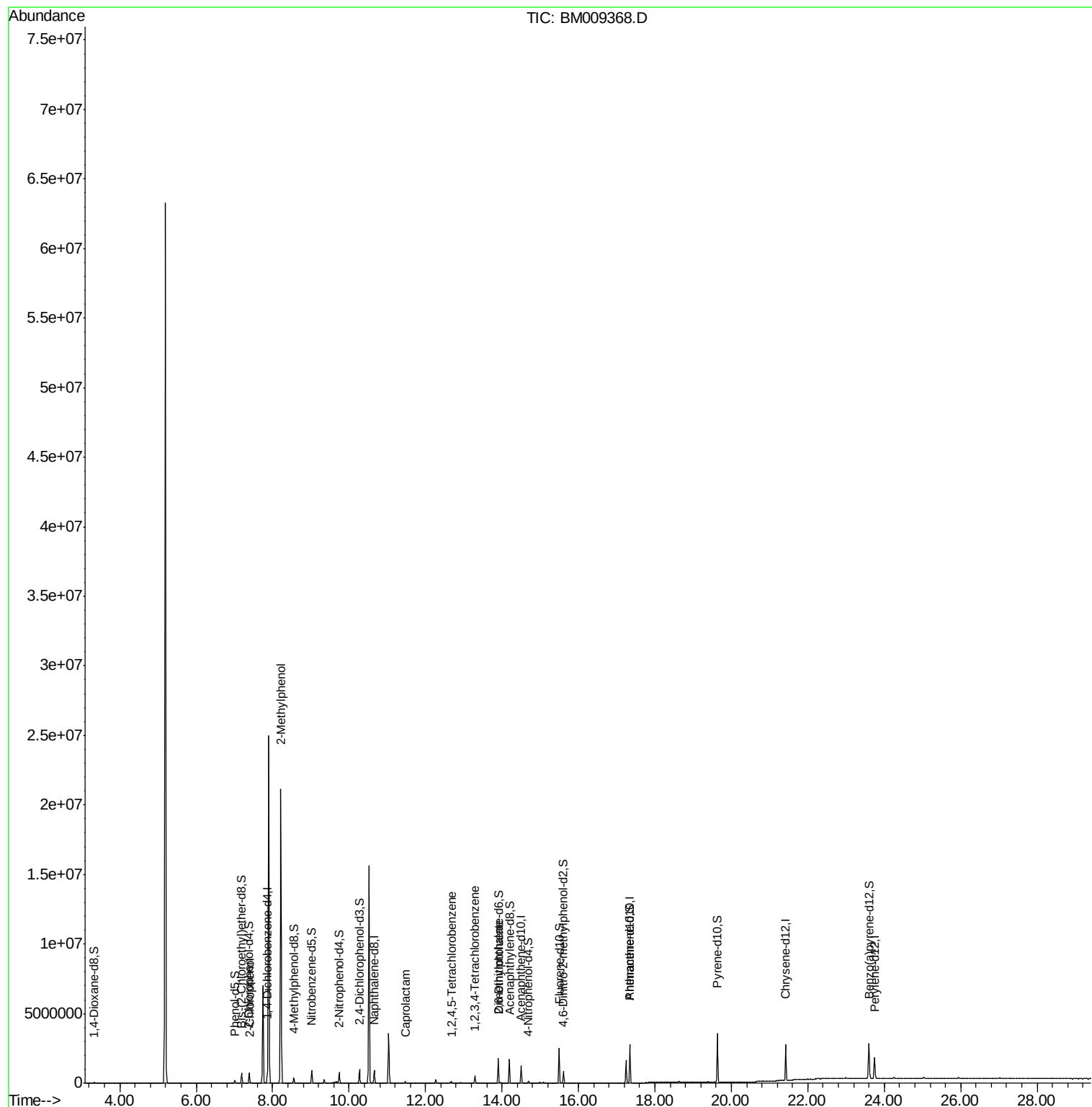
						Ovalue
10) 2-Chlorophenol	7.41	128	12310	1.10	ng/ul#	83
11) 2-Methylphenol	8.22	108	76102	6.59	ng/ul	96
32) Caprolactam	11.47	113	5343	1.71	ng/ul#	55
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	32648	2.66	ng/ul#	95
45) 2,6-Dinitrotoluene	13.90	165	6725	1.36	ng/ul#	43
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	134603	6.35	ng/uL	93

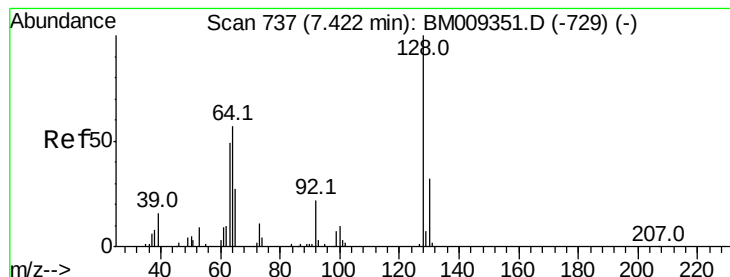
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.10 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

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Acq: 24 Mar 2017 06:45

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ClientSampleId :

C0BH5

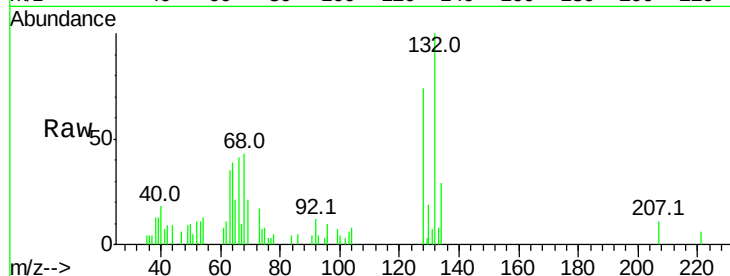
Tot Ion:128 Resp: 12310

Ion Ratio Lower Upper

128 100

64 52.3 31.9 47.9#

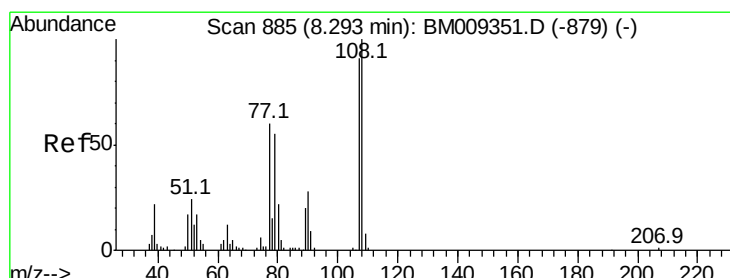
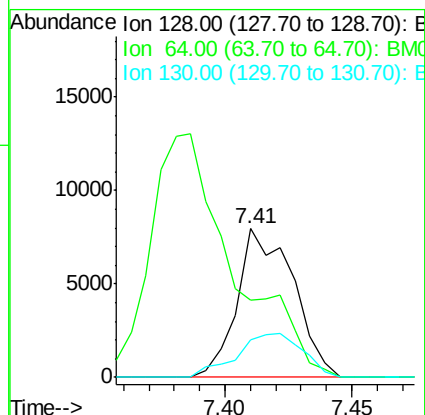
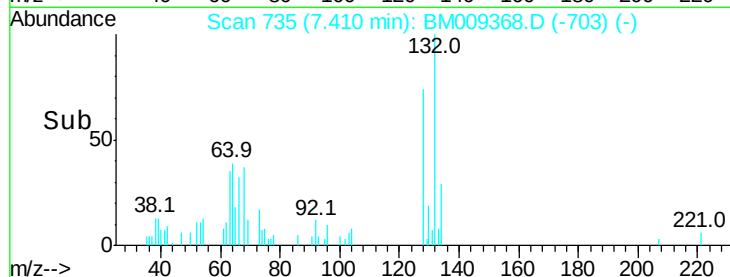
130 25.0 25.6 38.4#



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: 6.59 ng/ul

RT: 8.22 min Scan# 872

Delta R.T. -0.08 min

Lab File: BM009368.D

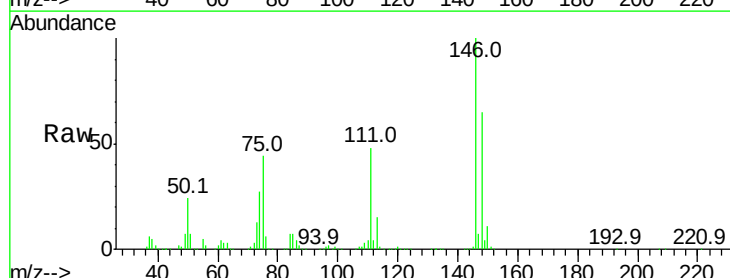
Acq: 24 Mar 2017 06:45

Tgt Ion:108 Resp: 76102

Ion Ratio Lower Upper

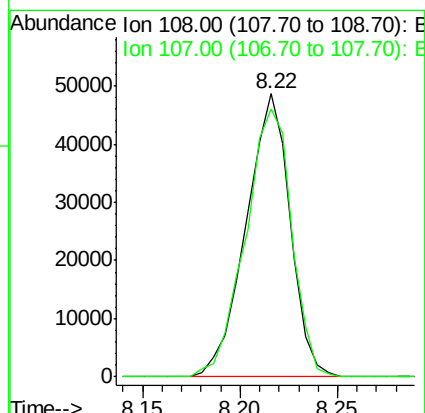
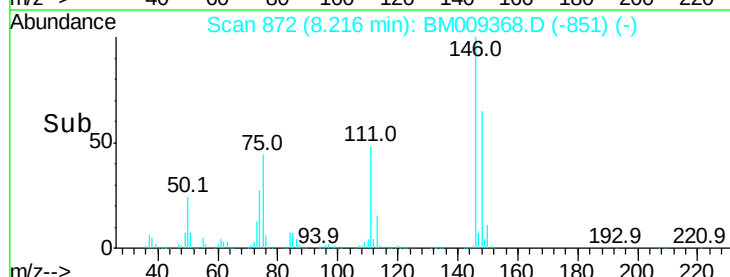
108 100

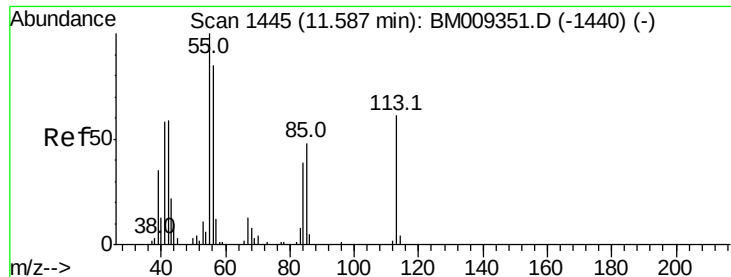
107 94.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#32

Caprolactam

Concen: 1.71 ng/ul

RT: 11.47 min Scan# 1426

Delta R.T. -0.11 min

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Instrument :

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ClientSampleId :

C0BH5

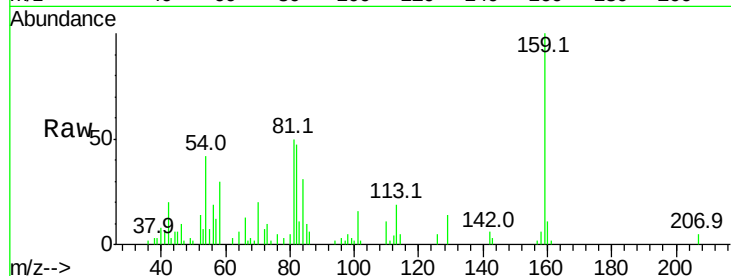
Tot Ion:113 Resp: 5343

Ion Ratio Lower Upper

113 100

55 37.4 101.9 152.9#

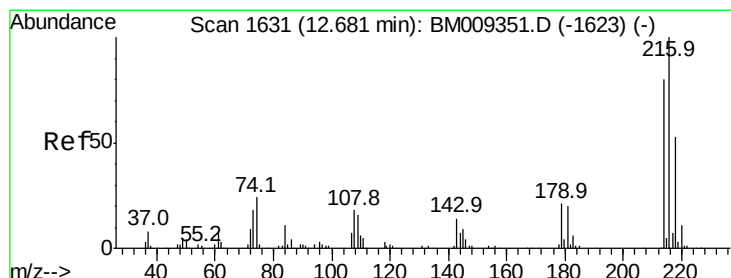
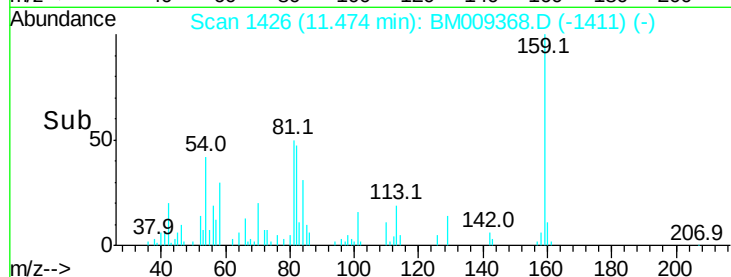
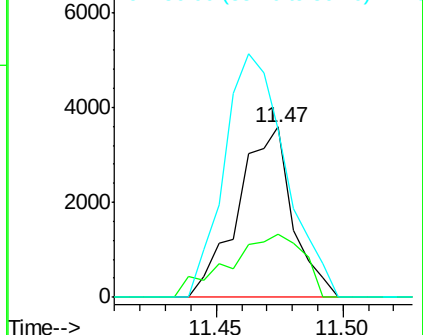
56 98.4 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.66 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM009368.D

Acq: 24 Mar 2017 06:45

Tgt Ion:216 Resp: 32648

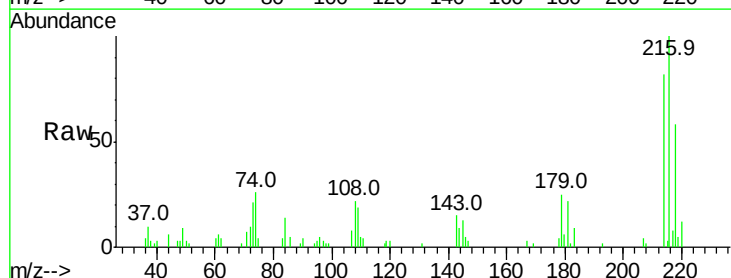
Ion Ratio Lower Upper

216 100

214 81.6 62.5 93.7

179 24.7 18.2 27.2

108 21.8 14.2 21.2#

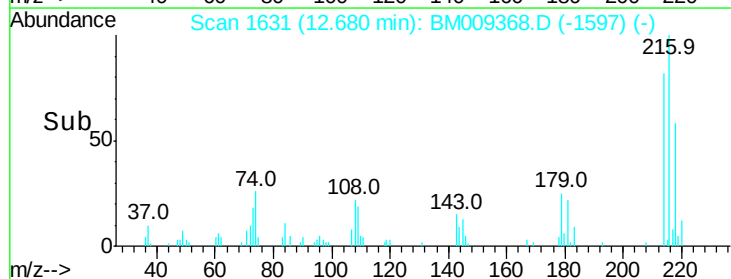
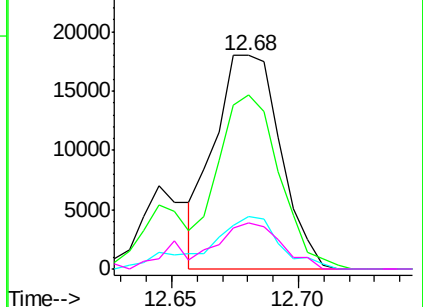


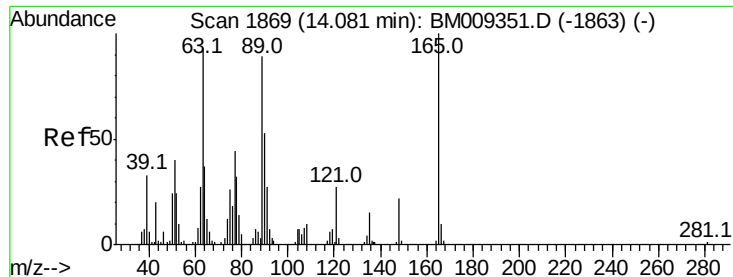
Abundance Ion 216.00 (215.70 to 216.70): E

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





#45

2,6-Dinitrotoluene

Concen: 1.36 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. -0.18 min

Lab File: BM009368.D

Acq: 24 Mar 2017 06:45

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C0BH5

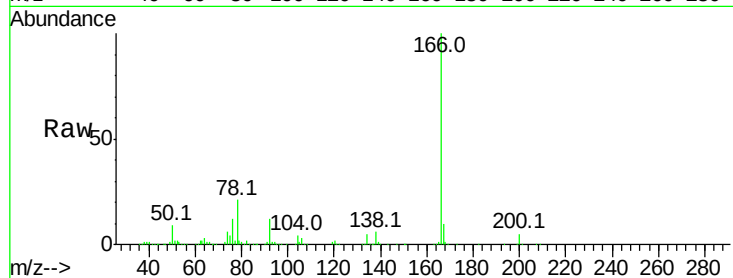
Tot Ion:165 Resp: 6725

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

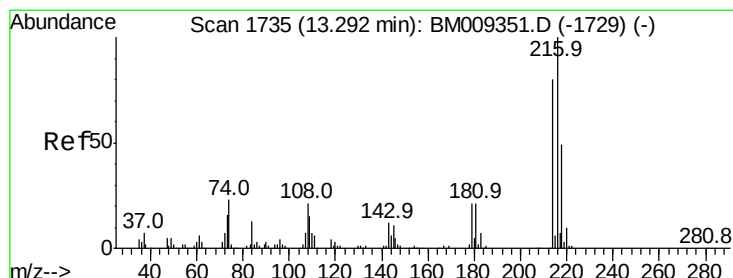
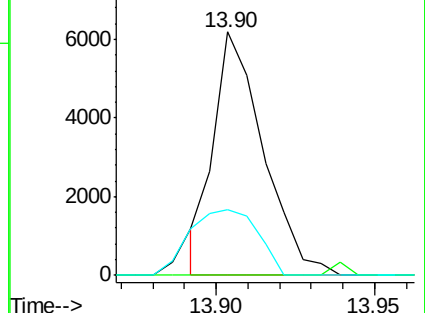
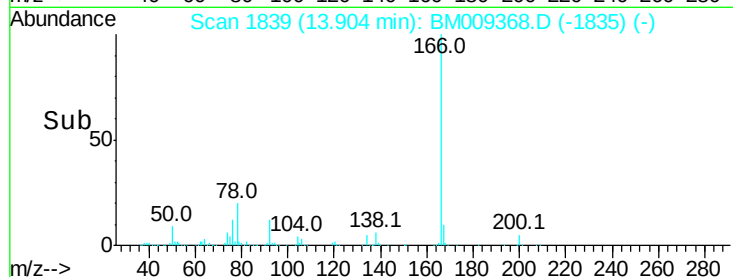
121 26.9 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 6.35 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BM009368.D

Acq: 24 Mar 2017 06:45

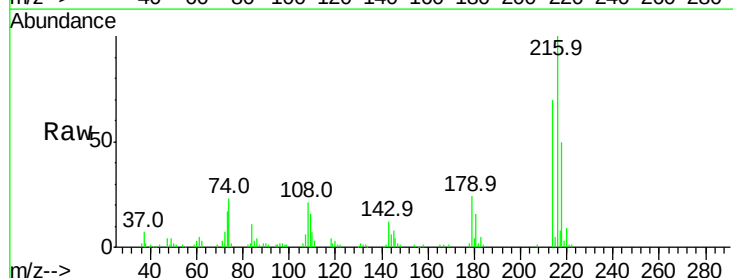
Tgt Ion:216 Resp: 134603

Ion Ratio Lower Upper

216 100

214 70.0 62.5 93.7

218 49.8 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

