

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009403.D
 Acq On : 25 Mar 2017 05:01
 Operator : SJ/MA
 Sample : I2358-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ8DL

Quant Time: Mar 25 05:44:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 01:48:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	171773	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	604187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	332968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	751654	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1034499	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1012782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	4854	1.08	ng/uL	0.00
5) Phenol-d5	7.02	99	19524	1.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	71524	6.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	54415	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	37108	3.20	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	33638	7.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	35104	7.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	62670	6.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1232	0.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	215215	9.19	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	249965	8.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4787	1.11	ng/ul	0.00
57) Fluorene-d10	15.49	176	184919	8.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	24676	5.19	ng/ul	0.00
70) Anthracene-d10	17.24	188	751654	20.97	ng/ul	-0.10
78) Pyrene-d10	19.63	212	337556	7.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	362724	7.78	ng/ul	0.00

Target Compounds

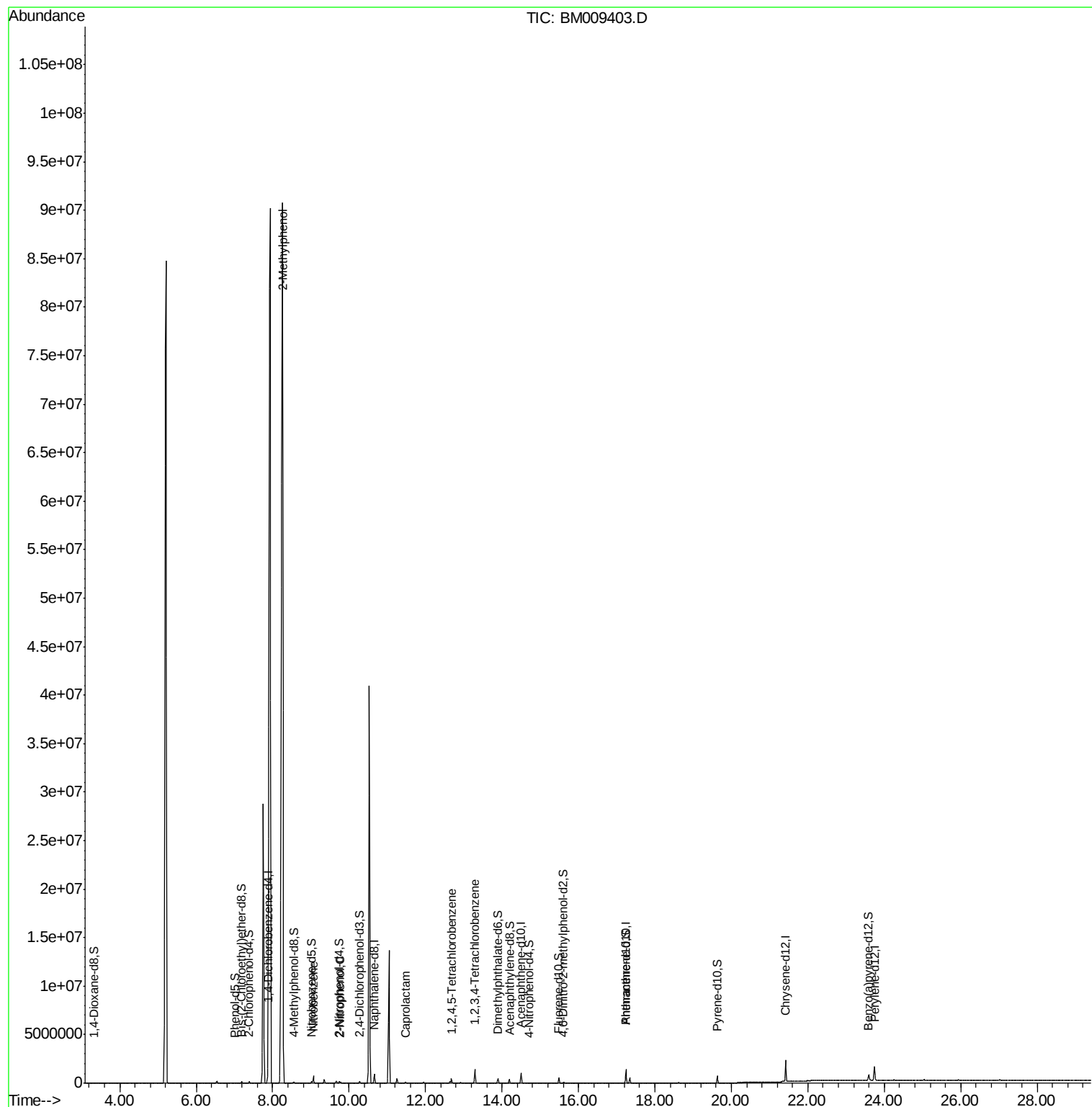
						Ovalue
11) 2-Methylphenol	8.26	108	623391	54.22	ng/ul	90
20) Nitrobenzene	9.06	77	388866	25.97	ng/ul#	83
23) 2-Nitrophenol	9.77	139	22945	4.50	ng/ul#	52
32) Caprolactam	11.47	113	6829	2.33	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	120450	10.77	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	382202	34.59	ng/uL	97

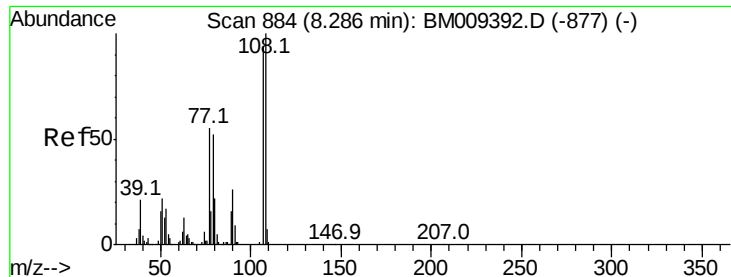
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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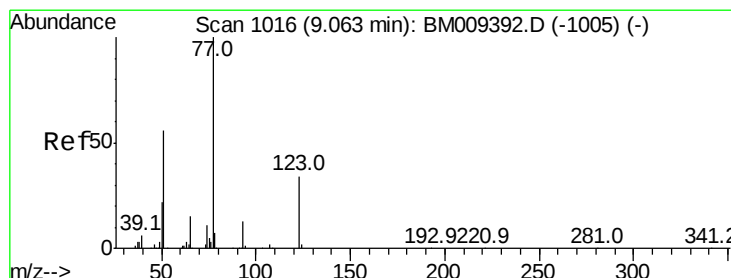
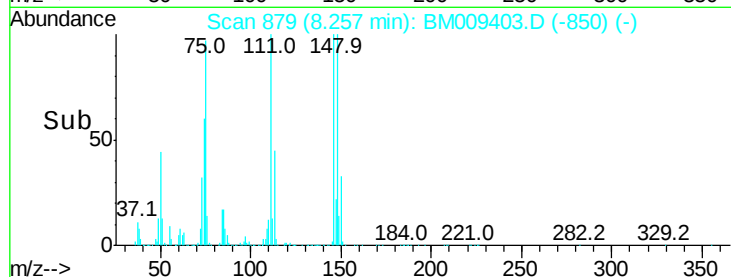
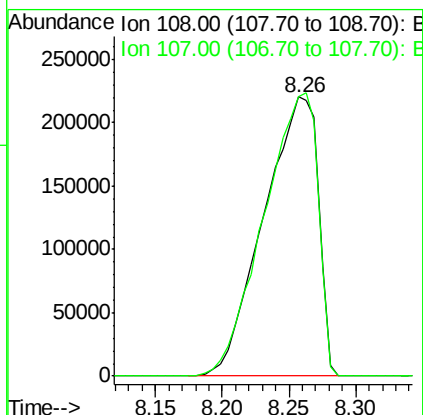
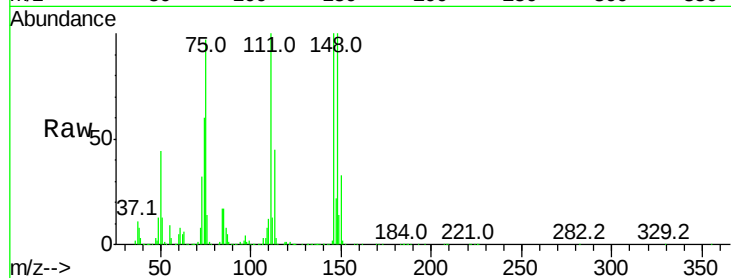




#11
2-Methylphenol
Concen: 54.22 ng/ul
RT: 8.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

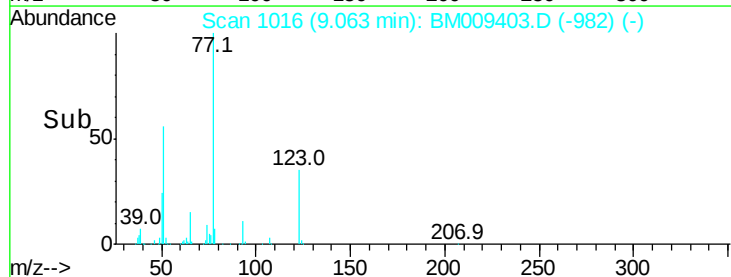
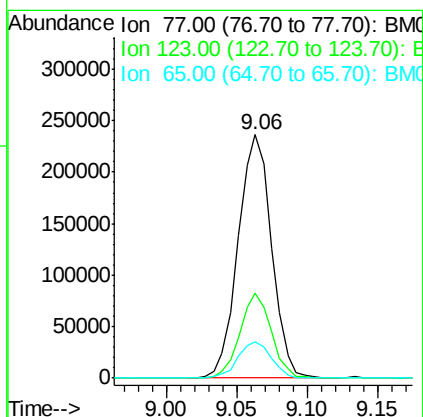
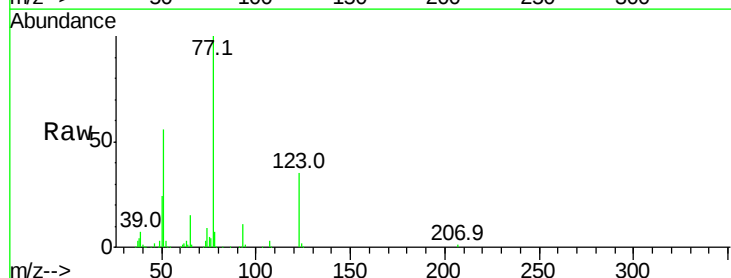
Instrument :
BNA_M
ClientSampleId :
C0BJ8DL

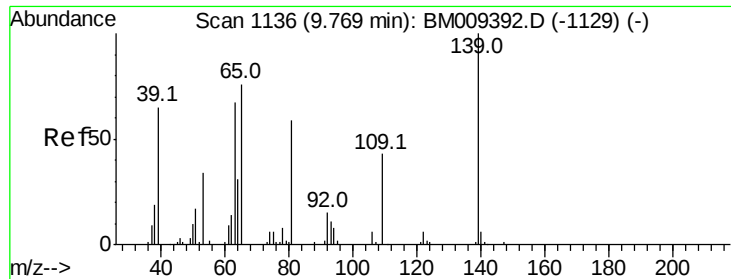
Tot Ion:108 Resp: 623391
Ion Ratio Lower Upper
108 100
107 100.3 72.4 108.6



#20
Nitrobenzene
Concen: 25.97 ng/ul
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BM009403.D
Acq: 25 Mar 2017 05:01

Tgt Ion: 77 Resp: 388866
Ion Ratio Lower Upper
77 100
123 34.9 39.0 58.4#
65 14.8 10.4 15.6





#23

2-Nitrophenol

Concen: 4.50 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM009403.D

Acq: 25 Mar 2017 05:01

Instrument :

BNA_M

ClientSampleId :

C0BJ8DL

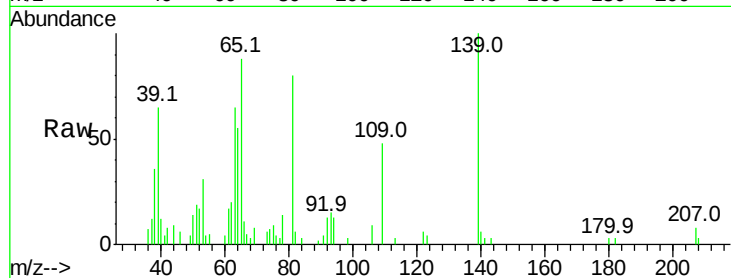
Tot Ion:139 Resp: 22945

Ion Ratio Lower Upper

139 100

65 87.6 36.3 54.5#

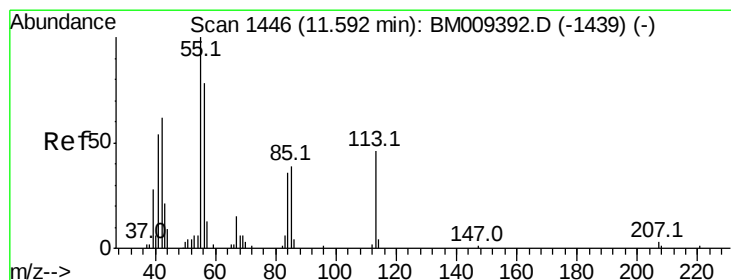
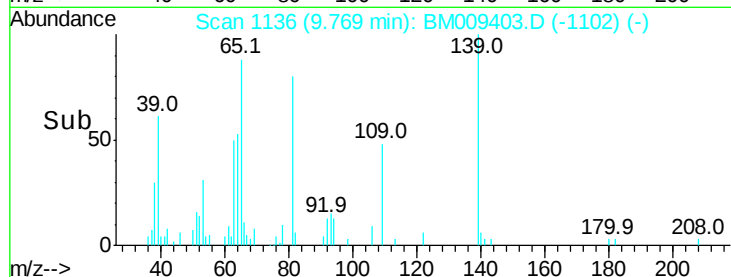
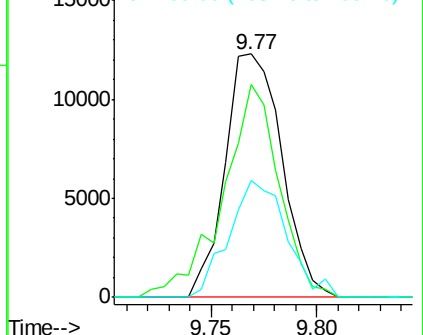
109 47.9 26.4 39.6#



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



#32

Caprolactam

Concen: 2.33 ng/ul

RT: 11.47 min Scan# 1425

Delta R.T. -0.12 min

Lab File: BM009403.D

Acq: 25 Mar 2017 05:01

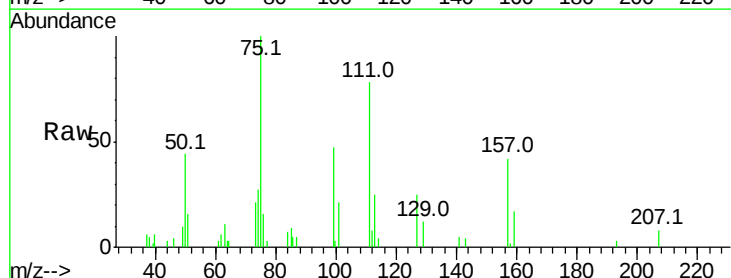
Tgt Ion:113 Resp: 6829

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

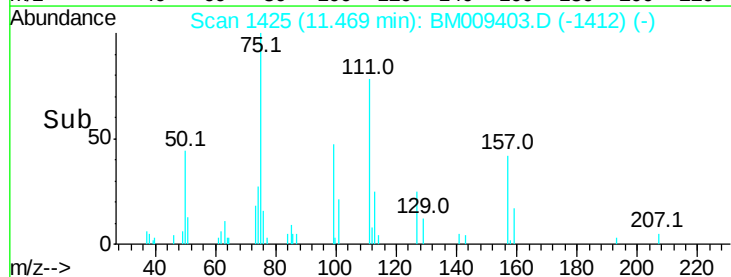
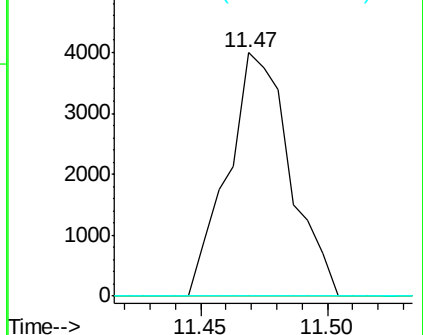
56 0.0 81.2 121.8#

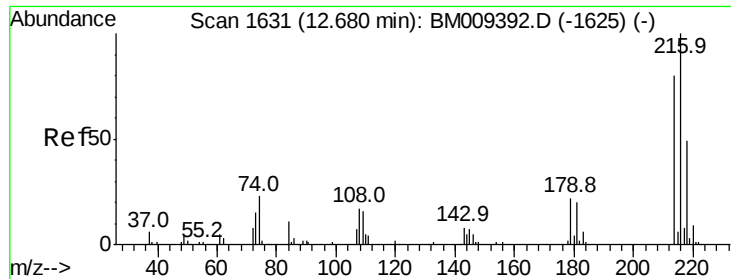


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

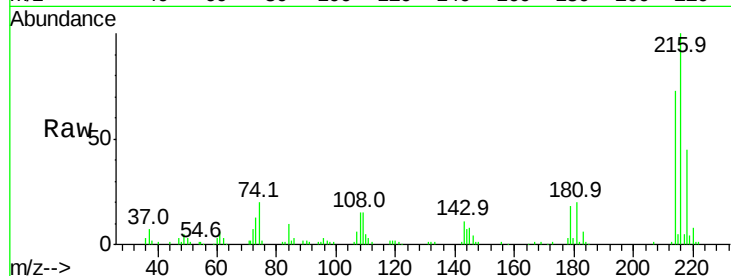




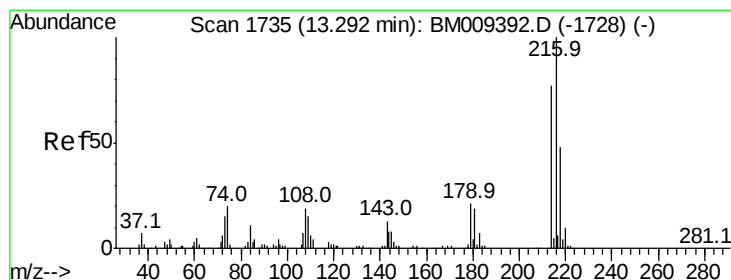
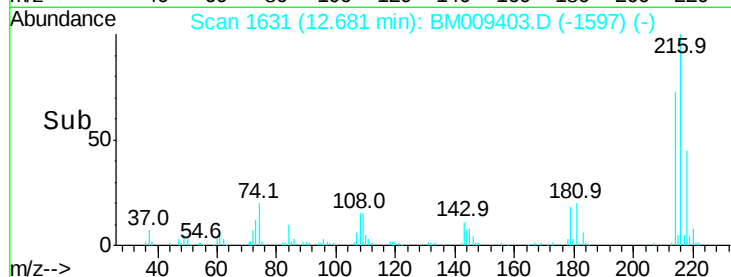
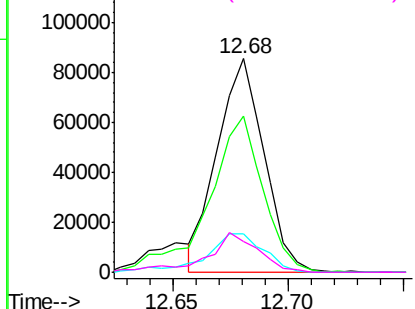
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.77 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM009403.D
 Acq: 25 Mar 2017 05:01

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ8DL

Tot Ion:	216	Resp:	120450
Ion	Ratio	Lower	Upper
216	100		
214	73.4	62.5	93.7
179	18.2	18.2	27.2
108	14.6	14.2	21.2

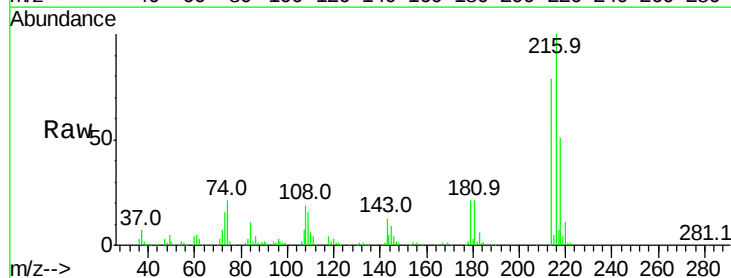


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.59 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009403.D
 Acq: 25 Mar 2017 05:01

Tgt Ion:	216	Resp:	382202
Ion	Ratio	Lower	Upper
216	100		
214	79.4	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

