

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009405.D
 Acq On : 25 Mar 2017 06:13
 Operator : SJ/MA
 Sample : I2358-09DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK2DL

Quant Time: Mar 25 06:46:52 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	189372	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	659057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	356600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	802907	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1040794	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1006688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5774	1.16	ng/uL	0.00
5) Phenol-d5	7.01	99	20395	1.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	69159	5.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	51825	4.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	39135	3.06	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	30412	6.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	31209	5.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	59910	5.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1693	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	200074	7.98	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	242203	7.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	1641	0.35	ng/ul	0.00
57) Fluorene-d10	15.49	176	178765	7.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	22846	4.50	ng/ul	0.00
70) Anthracene-d10	17.34	188	264431	6.91	ng/ul	0.00
78) Pyrene-d10	19.63	212	308877	7.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	319673	6.90	ng/ul	0.00

Target Compounds

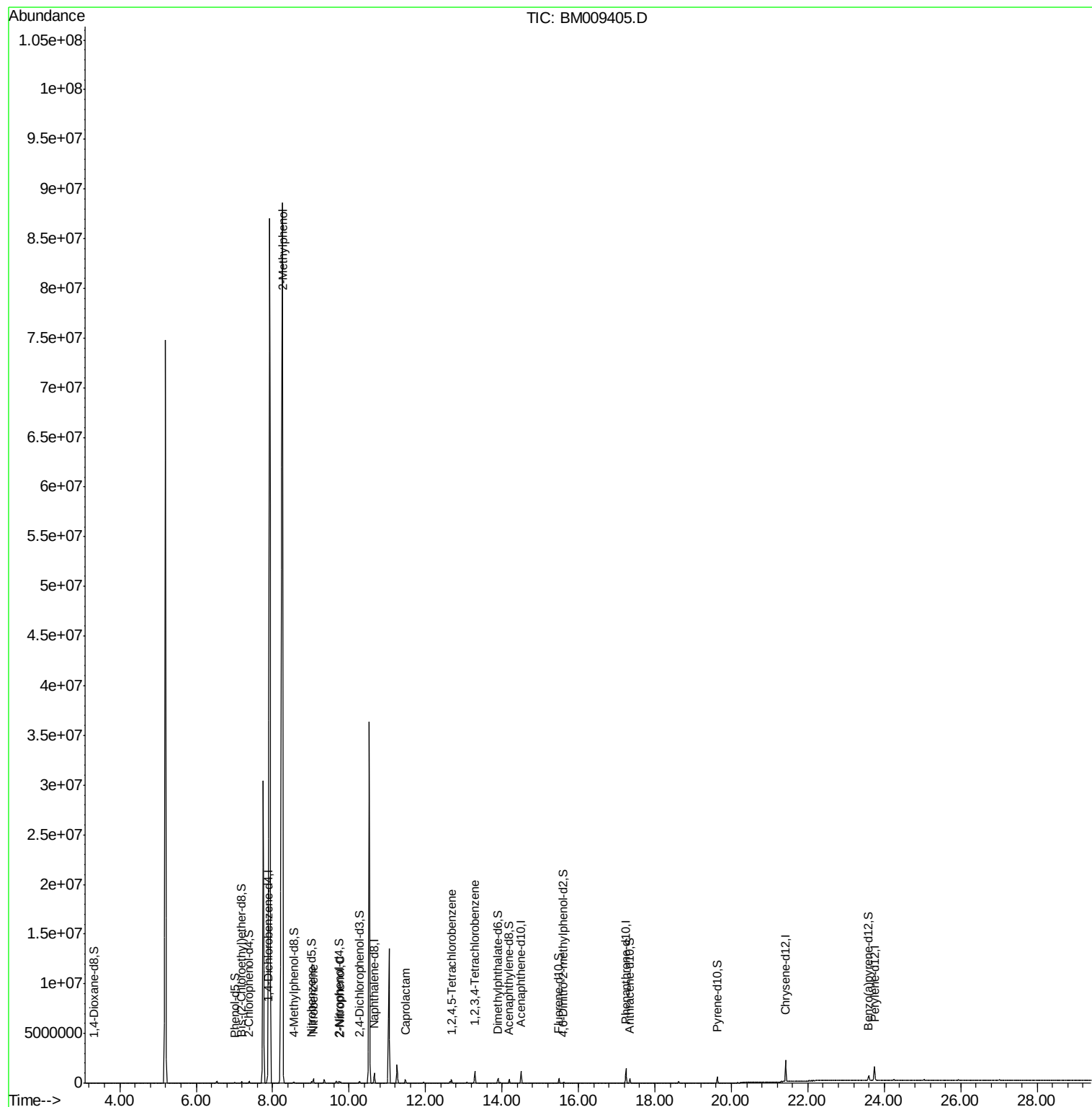
						Ovalue
11) 2-Methylphenol	8.26	108	570040	44.97	ng/ul	95
20) Nitrobenzene	9.06	77	253130	15.50	ng/ul#	82
23) 2-Nitrophenol	9.77	139	18842	3.39	ng/ul#	66
32) Caprolactam	11.47	113	25547	8.00	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	108016	9.02	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	347451	29.43	ng/uL	98

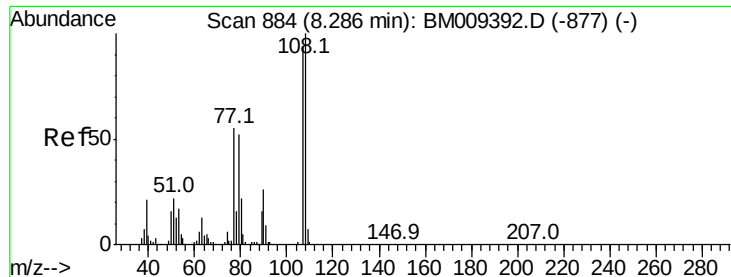
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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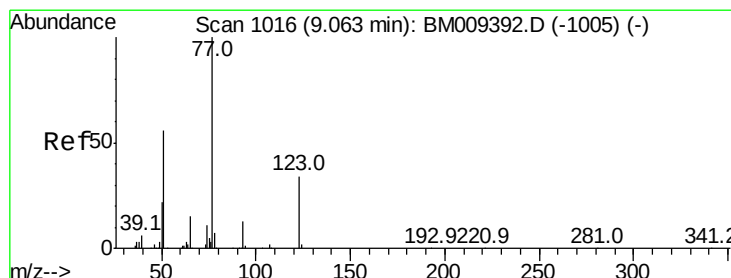
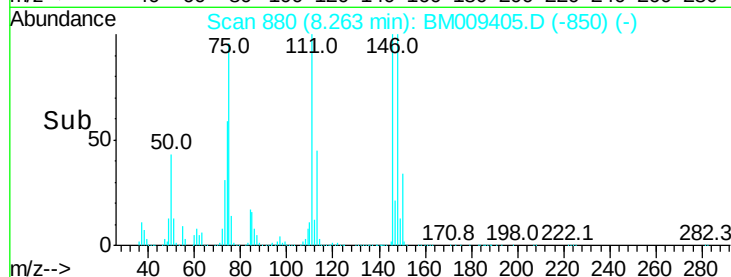
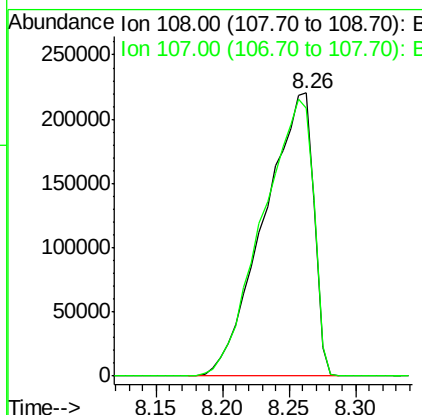
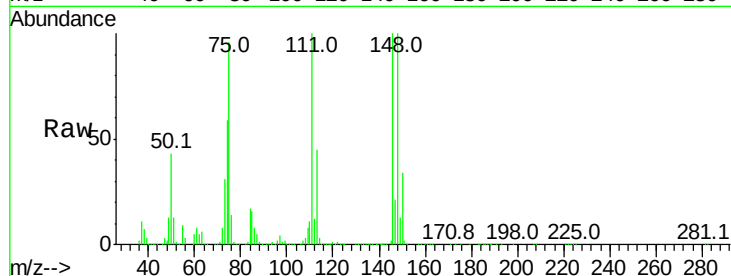




#11
2-Methylphenol
Concen: 44.97 ng/ul
RT: 8.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

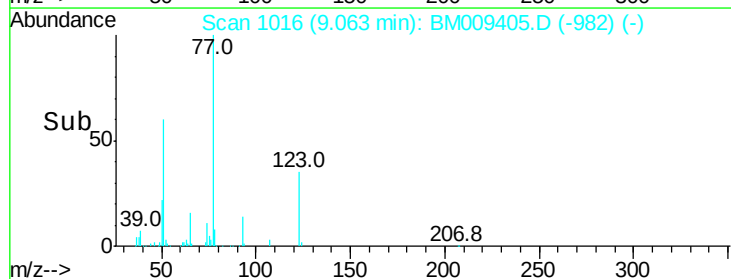
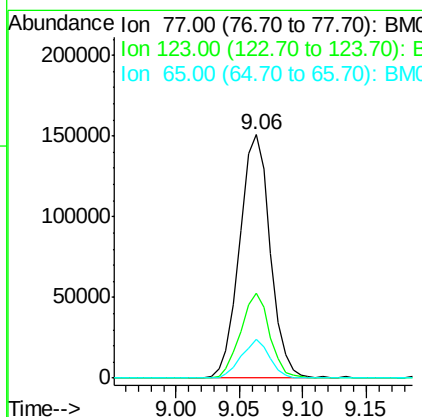
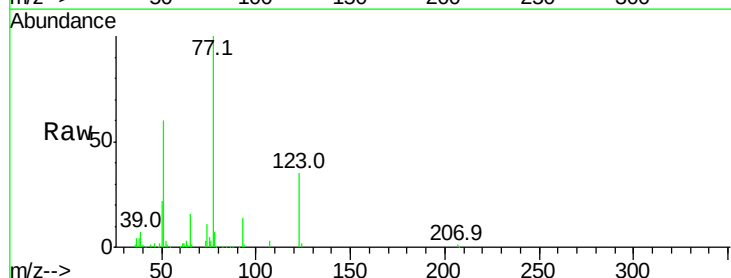
Instrument :
BNA_M
ClientSampleId :
C0BK2DL

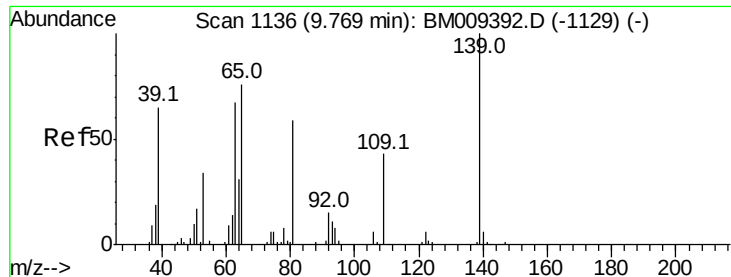
Tot Ion:108 Resp: 570040
Ion Ratio Lower Upper
108 100
107 94.8 72.4 108.6



#20
Nitrobenzene
Concen: 15.50 ng/ul
RT: 9.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

Tgt Ion: 77 Resp: 253130
Ion Ratio Lower Upper
77 100
123 34.9 39.0 58.4#
65 15.9 10.4 15.6#

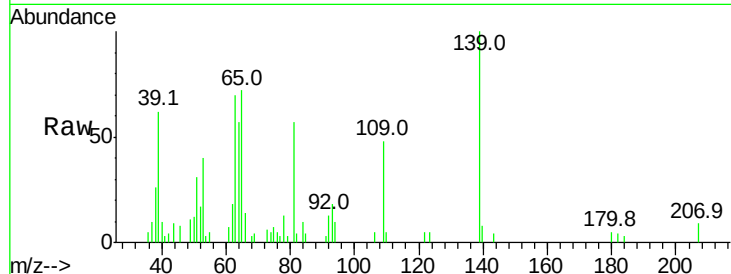




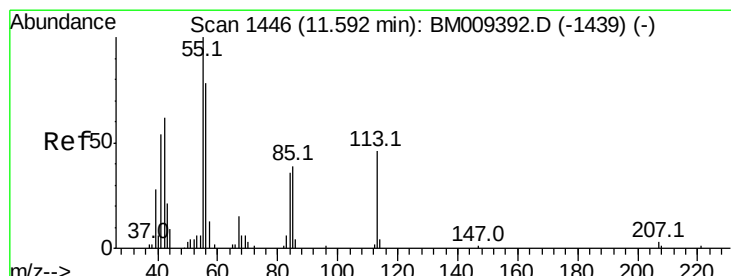
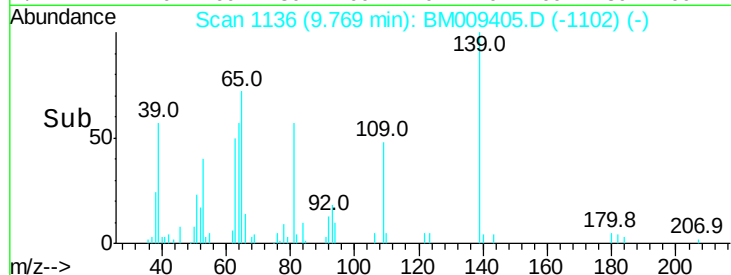
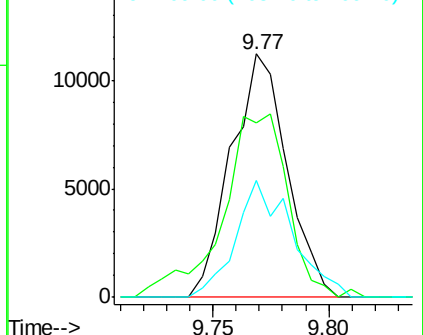
#23
2-Nitrophenol
Concen: 3.39 ng/ul
RT: 9.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

Instrument :
BNA_M
ClientSampled :
C0BK2DL

Tot Ion:139 Resp: 18842
Ion Ratio Lower Upper
139 100
65 71.9 36.3 54.5#
109 47.9 26.4 39.6#

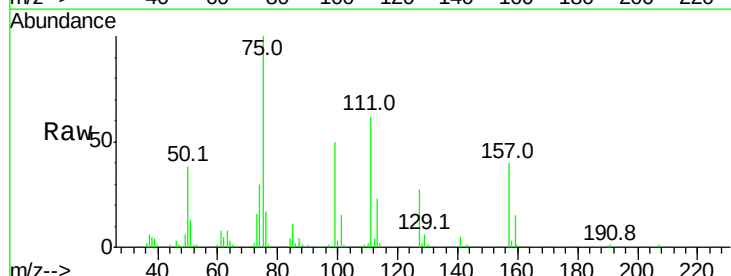


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

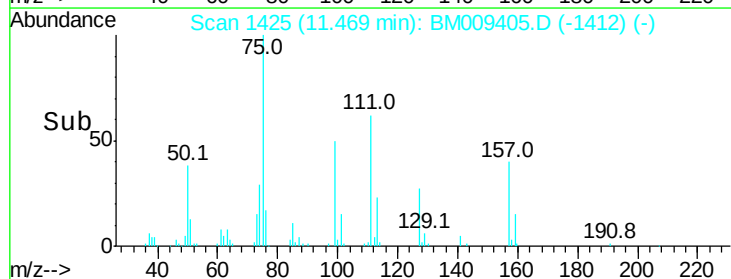
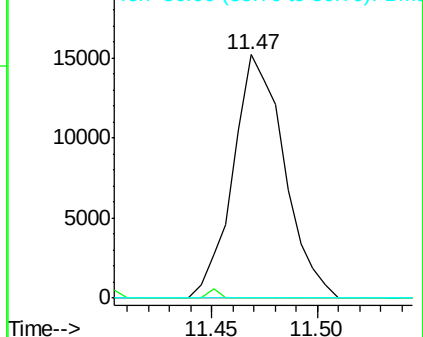


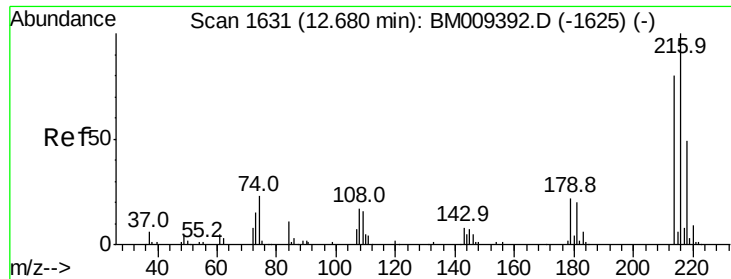
#32
Caprolactam
Concen: 8.00 ng/ul
RT: 11.47 min Scan# 1425
Delta R.T. -0.12 min
Lab File: BM009405.D
Acq: 25 Mar 2017 06:13

Tgt Ion:113 Resp: 25547
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

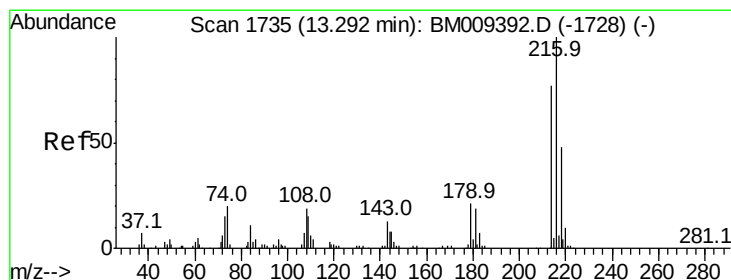
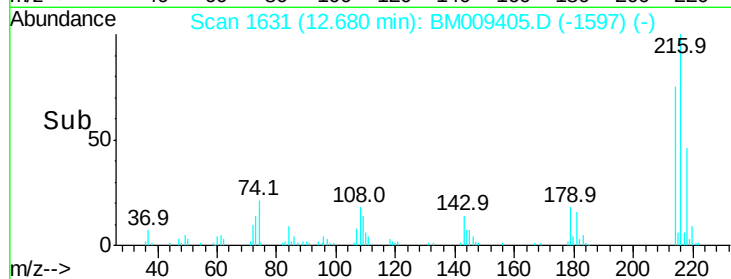
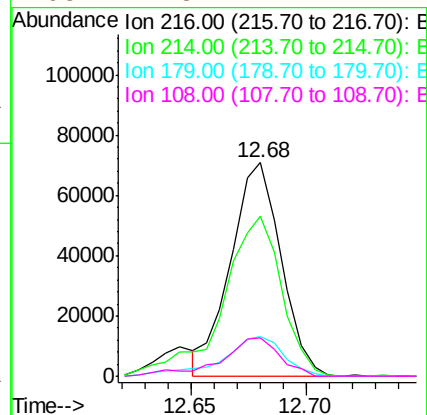
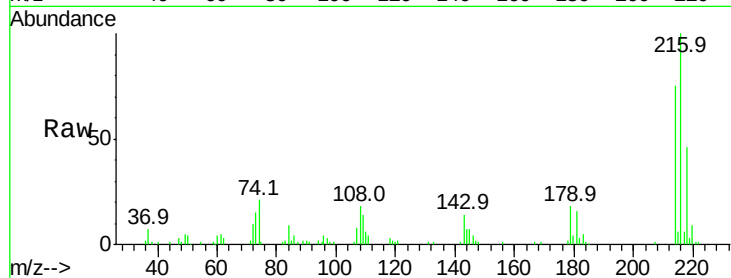




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.02 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM009405.D
 Acq: 25 Mar 2017 06:13

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Tot Ion:	216	Resp:	108016
Ion	Ratio	Lower	Upper
216	100		
214	75.1	62.5	93.7
179	18.4	18.2	27.2
108	17.8	14.2	21.2



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 29.43 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009405.D
 Acq: 25 Mar 2017 06:13

Tgt Ion:	216	Resp:	347451
Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.5	93.7
218	47.9	38.4	57.6

