

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011646.D
 Acq On : 20 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5273-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8DL

Quant Time: Sep 21 04:32:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 04:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	323819	20.00	ng/ul	0.03
18) Naphthalene-d8	10.78	136	1262851	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.59	164	733129	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1664061	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1683499	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1477606	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2218	0.31	ng/uL	0.00
5) Phenol-d5	7.12	99	34033	1.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	142313	6.79	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	116446	4.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	71141	2.93	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	71115	7.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	74567	7.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	133032	6.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	3306	0.15	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	500087	8.07	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	569885	7.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	7638	0.66	ng/ul	0.00
58) Fluorene-d10	15.58	176	422680	7.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	50846	5.25	ng/ul	0.00
71) Anthracene-d10	17.43	188	664784	8.11	ng/ul	0.00
79) Pyrene-d10	19.72	212	711012	9.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	541572	7.69	ng/ul	0.00

Target Compounds

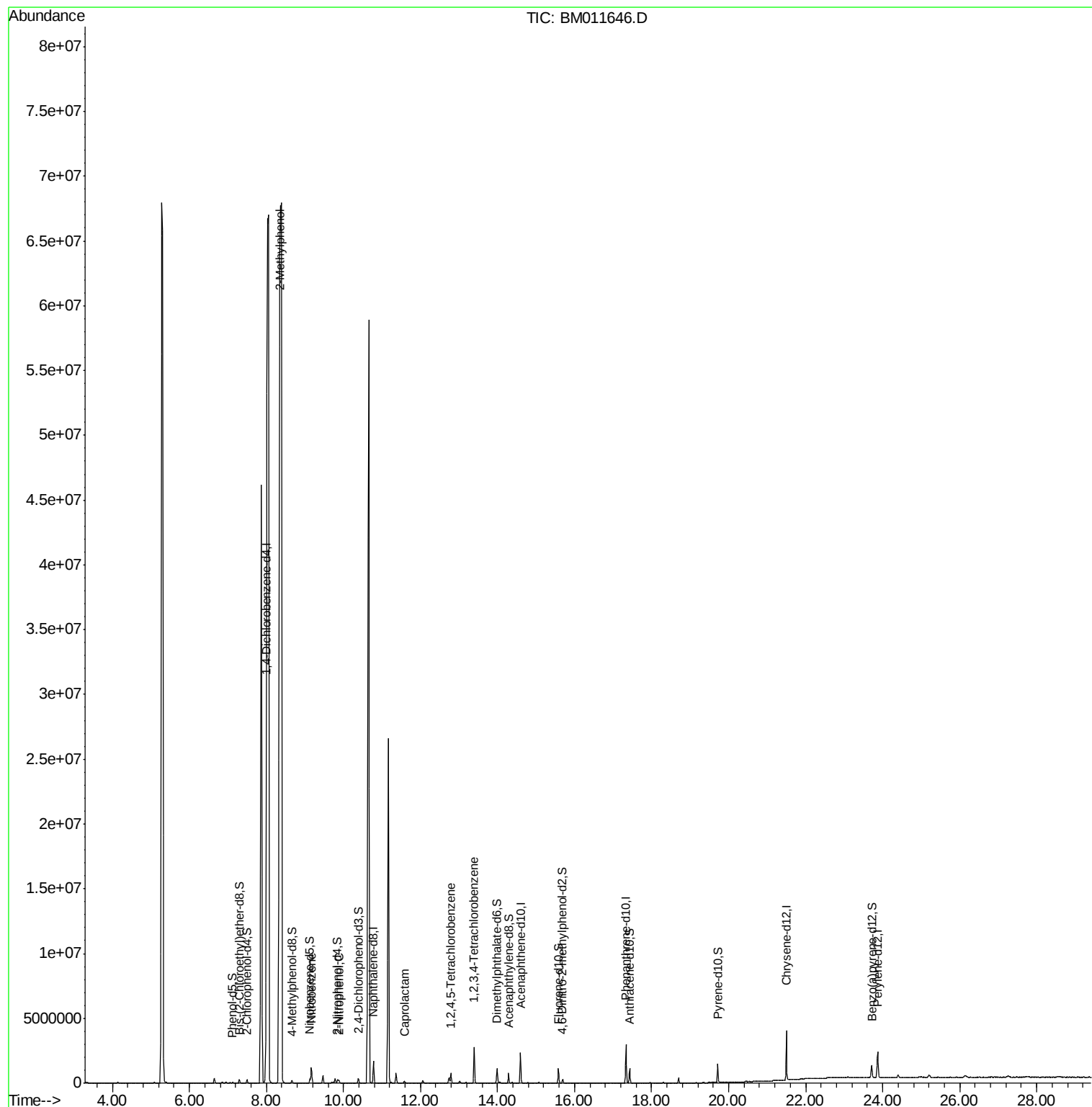
					Ovalue
11) 2-Methylphenol	8.35	108	320030	13.675	ng/ul 98
20) Nitrobenzene	9.17	77	622677	27.623	ng/ul 96
23) 2-Nitrophenol	9.89	139	60853	5.812	ng/ul 92
32) Caprolactam	11.59	113	13034	2.141	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	252713	11.620	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	812717	36.651	ng/uL 98

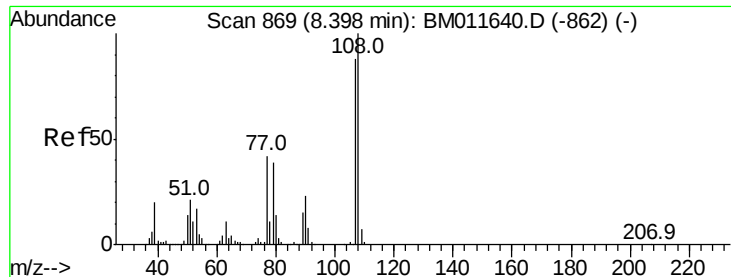
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 13.675 ng/ul

RT: 8.35 min Scan# 861

Delta R.T. -0.05 min

Lab File: BM011646.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_M

ClientSampleId :

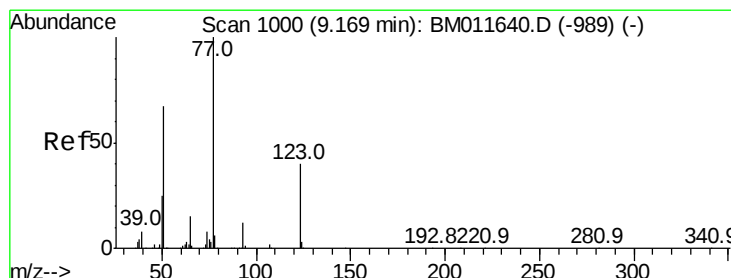
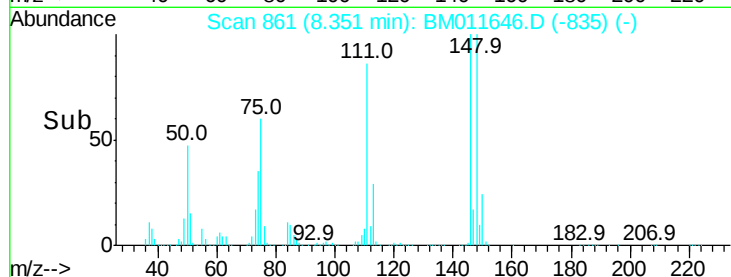
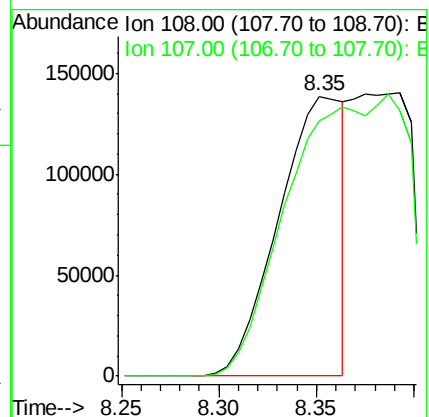
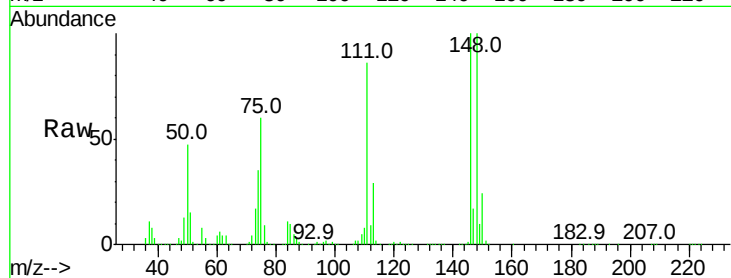
C0AJ8DL

Tot Ion:108 Resp: 320030

Ion Ratio Lower Upper

108 100

107 91.1 74.1 111.1



#20

Nitrobenzene

Concen: 27.623 ng/ul

RT: 9.17 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM011646.D

Acq: 20 Sep 2017 20:24

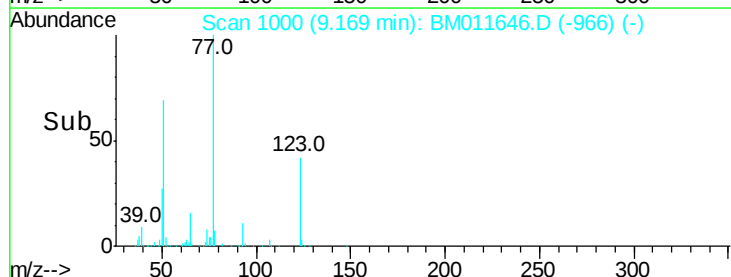
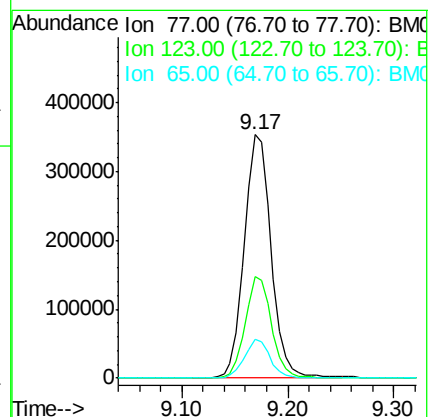
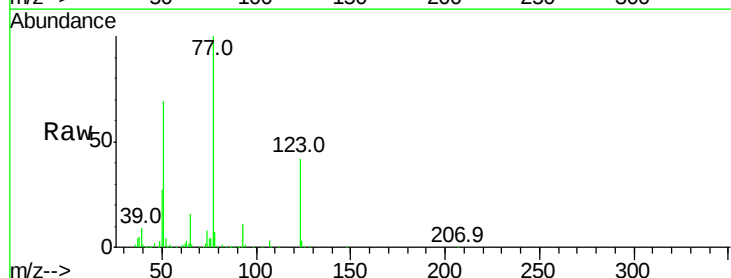
Tgt Ion: 77 Resp: 622677

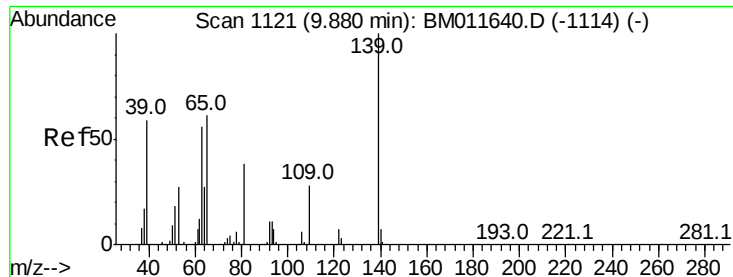
Ion Ratio Lower Upper

77 100

123 41.7 31.8 47.8

65 15.7 10.6 16.0





#23

2-Nitrophenol

Concen: 5.812 ng/ul

RT: 9.89 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM011646.D

Acq: 20 Sep 2017 20:24

Instrument :

BNA_M

ClientSampleId :

C0AJ8DL

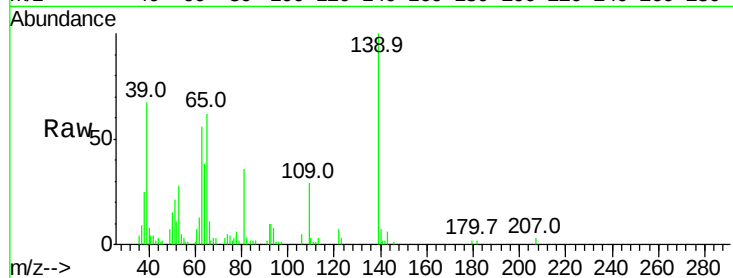
Tot Ion:139 Resp: 60853

Ion Ratio Lower Upper

139 100

65 62.2 45.3 67.9

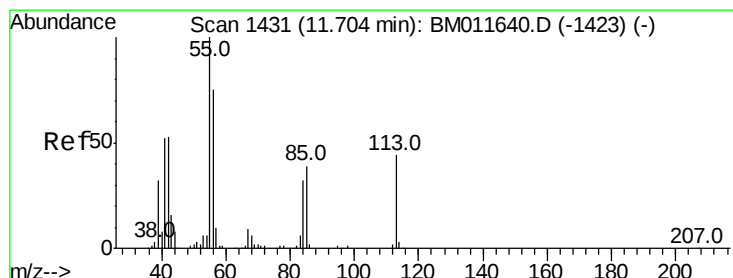
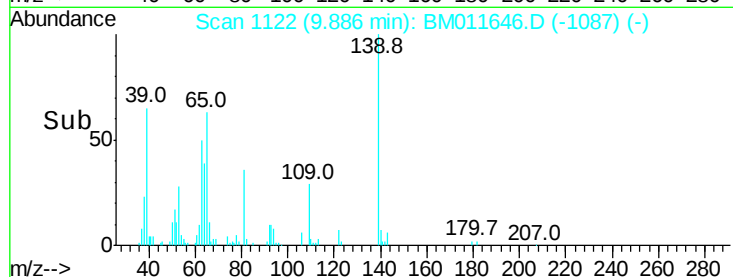
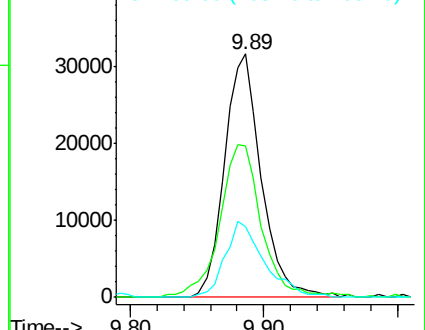
109 29.0 27.7 41.5



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: 2.141 ng/ul

RT: 11.59 min Scan# 1411

Delta R.T. -0.12 min

Lab File: BM011646.D

Acq: 20 Sep 2017 20:24

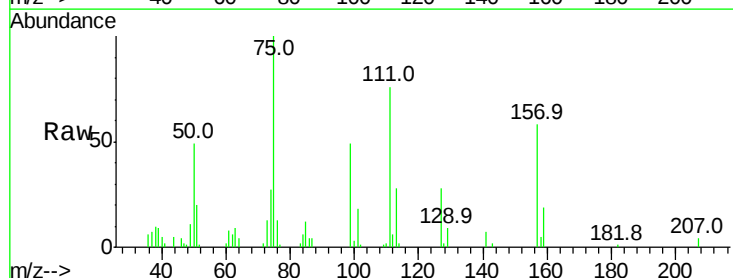
Tgt Ion:113 Resp: 13034

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

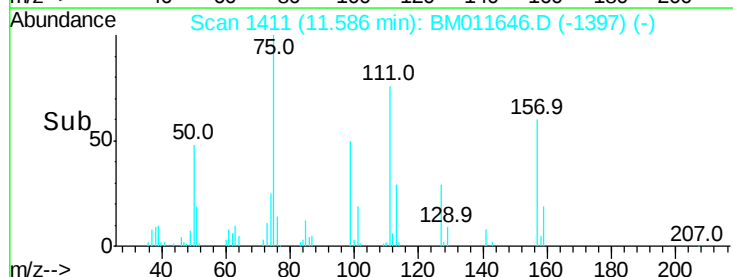
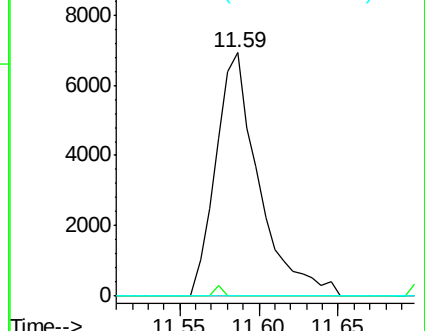
56 0.0 92.7 139.1#

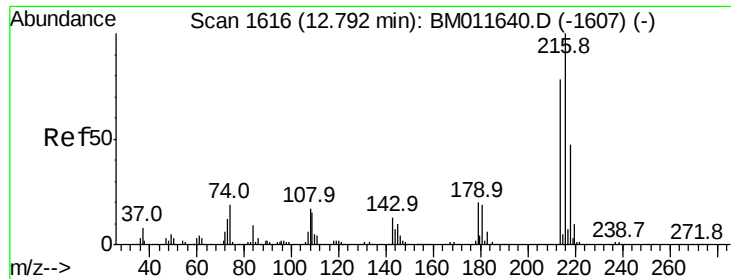


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

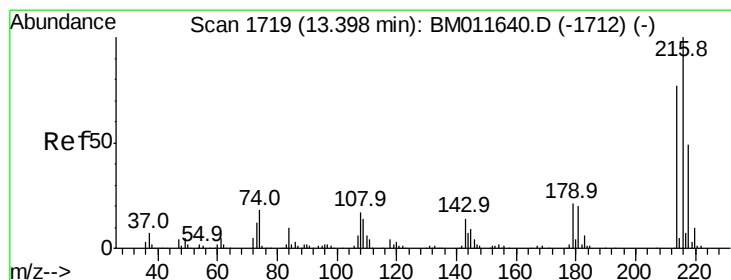
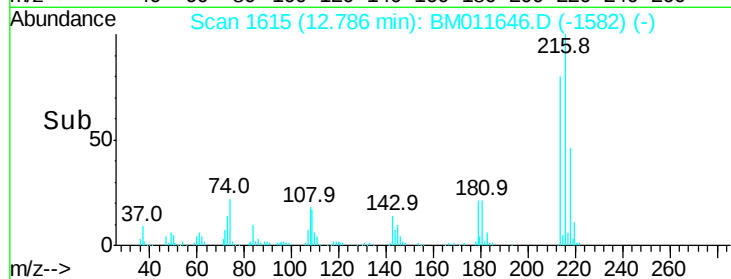
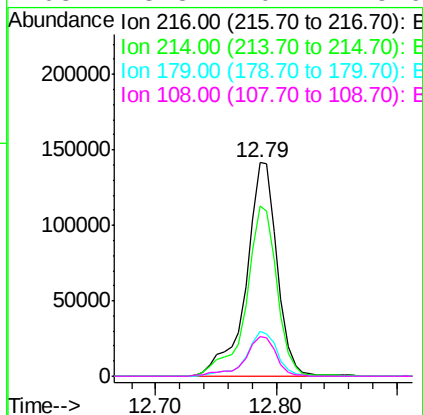
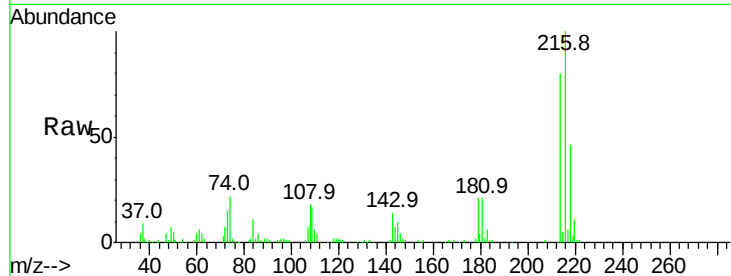




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.620 ng/uL
 RT: 12.79 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM011646.D
 Acq: 20 Sep 2017 20:24

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Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.1	96.1
179	21.3	14.5	21.7
108	18.3	10.4	15.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 36.651 ng/uL
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM011646.D
 Acq: 20 Sep 2017 20:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.1	96.1
218	46.2	39.4	59.0

