

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004672.D
 Acq On : 17 Mar 2016 18:34
 Operator : UM/SJ
 Sample : H1783-06DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:08:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	56034	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	277393	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	149121	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	333697	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	369160	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	352502	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	742	0.46	ng/uL	0.00
5) Phenol-d5	7.00	99	16843	3.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	49944	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	54028	14.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	34108	9.19	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	31369	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	31906	15.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	57803	14.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.88	166	189755	16.28	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	243360	17.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	3284	1.46	ng/ul	0.00
58) Fluorene-d10	15.47	176	173221	17.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	17060	9.73	ng/ul	0.00
71) Anthracene-d10	17.32	188	269627	17.55	ng/ul	0.00
79) Pyrene-d10	19.61	212	303942	18.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	302908	19.24	ng/ul	0.00

Target Compounds

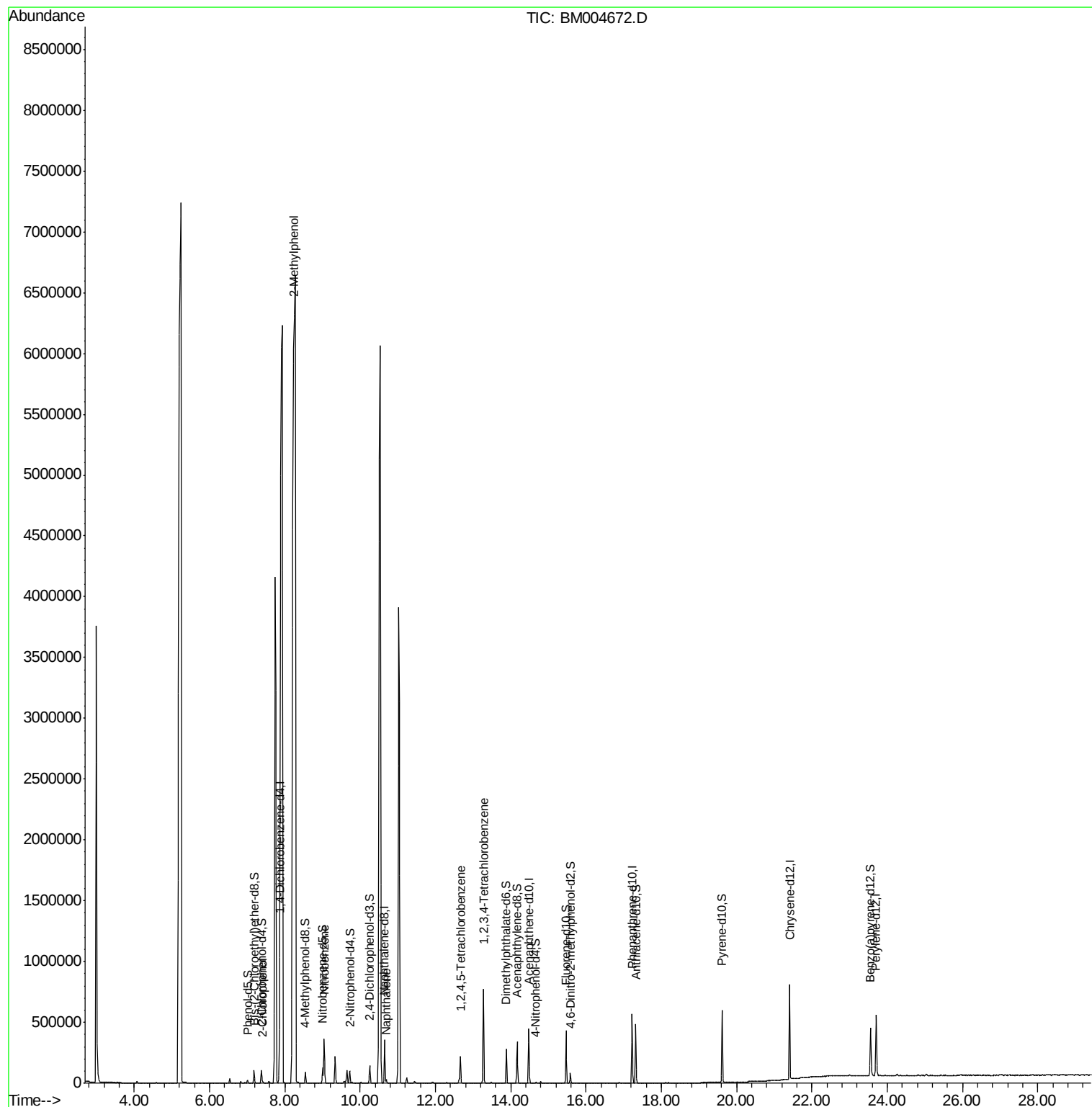
						Ovalue
10) 2-Chlorophenol	7.41	128	5855	1.50	ng/ul	93
11) 2-Methylphenol	8.23	108	31783	8.54	ng/ul	91
20) Nitrobenzene	9.05	77	205059	43.08	ng/ul	98
28) Naphthalene	10.69	128	24634	1.70	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	71377	14.98	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	239871	52.25	ng/uL	99

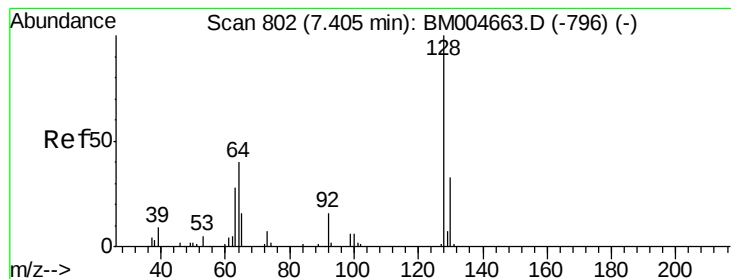
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.50 ng/ul

RT: 7.41 min Scan# 803

Delta R.T. 0.01 min

Lab File: BM004672.D

Acq: 17 Mar 2016 18:34

Instrument :

BNA_M

ClientSampleId :

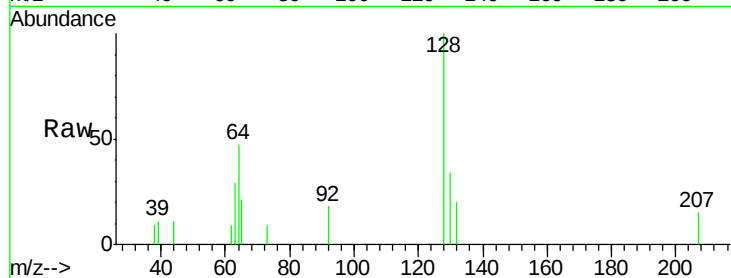
Tot Ion:128 Resp: 5855

Ion Ratio Lower Upper

128 100

64 46.6 31.9 47.9

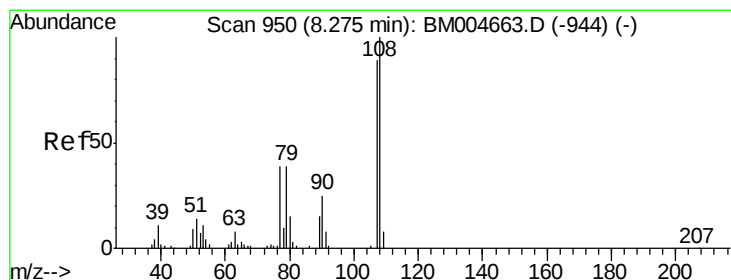
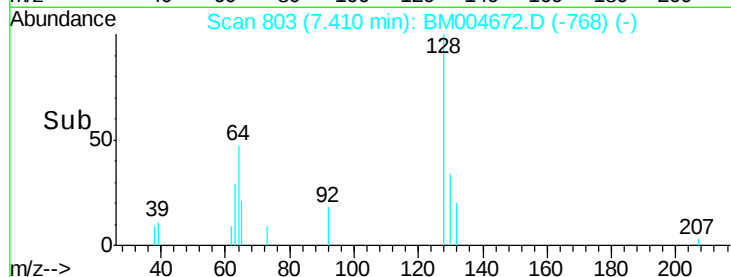
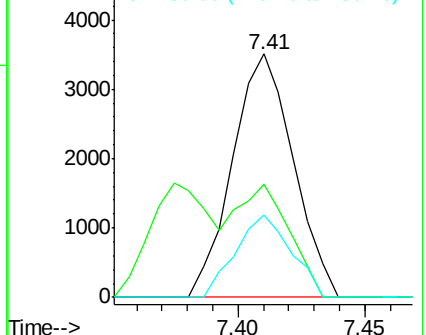
130 33.8 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM004663.D (-796) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 8.54 ng/ul

RT: 8.23 min Scan# 942

Delta R.T. -0.05 min

Lab File: BM004672.D

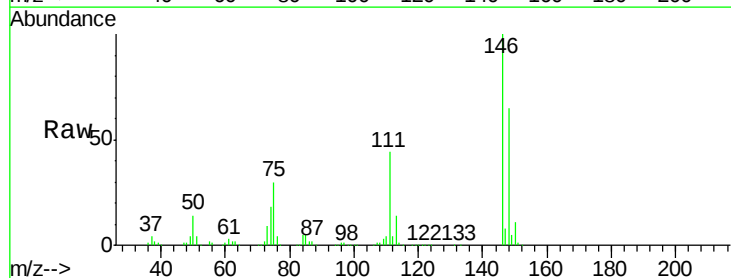
Acq: 17 Mar 2016 18:34

Tgt Ion:108 Resp: 31783

Ion Ratio Lower Upper

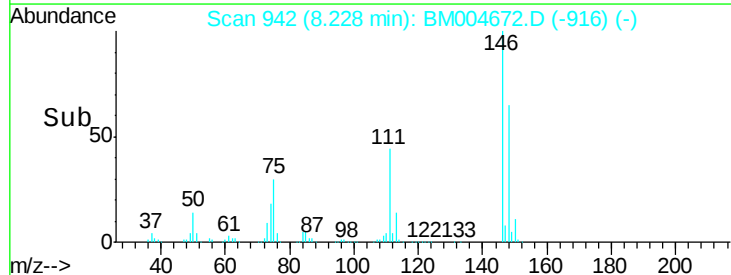
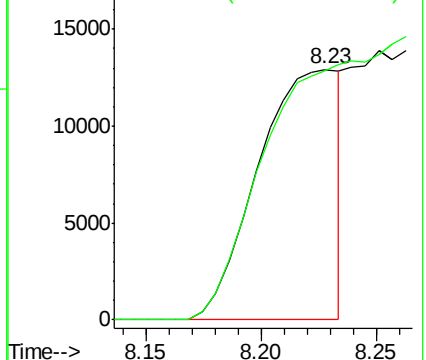
108 100

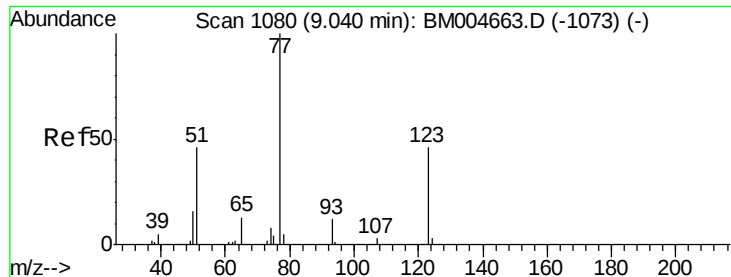
107 99.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

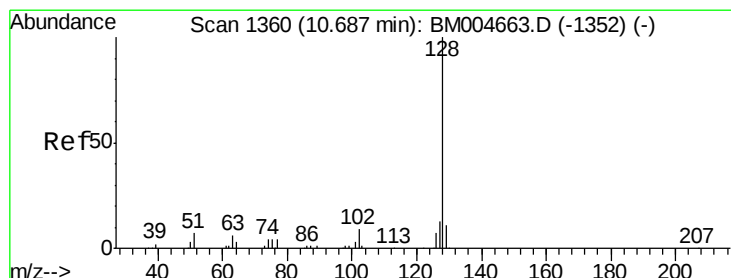
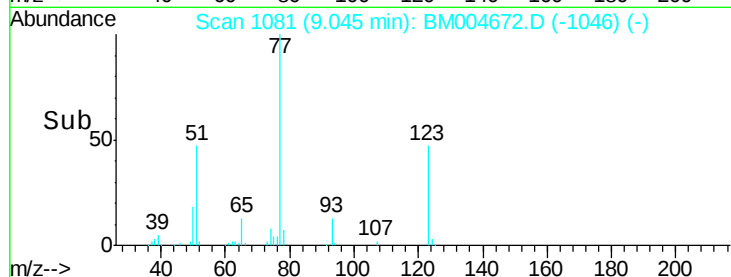
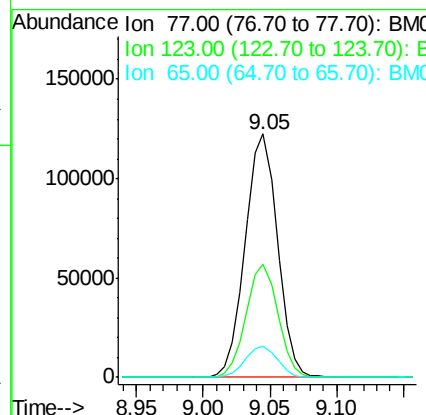
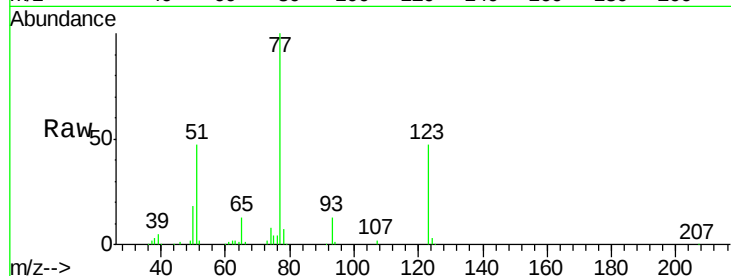




#20
Nitrobenzene
Concen: 43.08 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004672.D
Acq: 17 Mar 2016 18:34

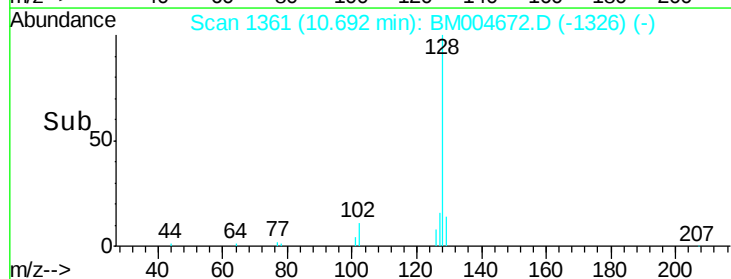
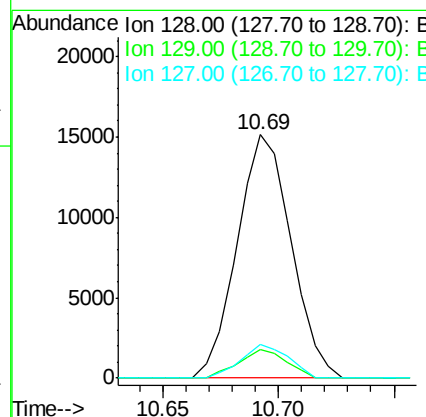
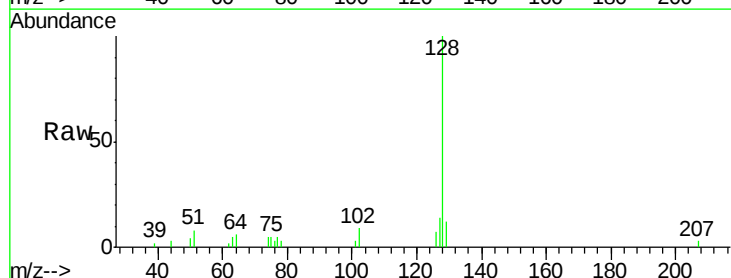
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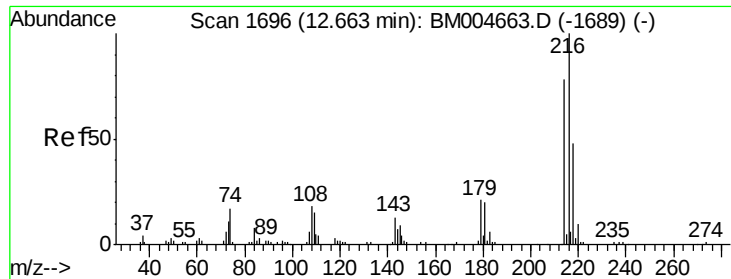
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.7	39.0	58.4
65	12.8	10.4	15.6



#28
Naphthalene
Concen: 1.70 ng/ul
RT: 10.69 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BM004672.D
Acq: 17 Mar 2016 18:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.8	10.5	15.7

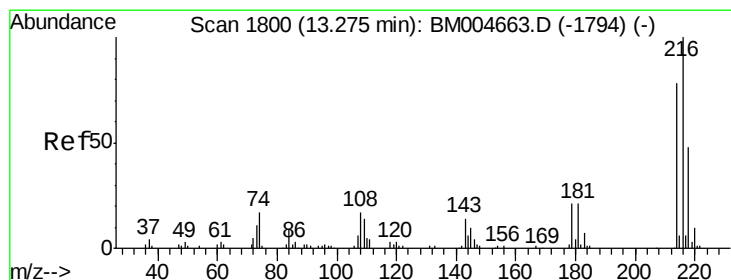
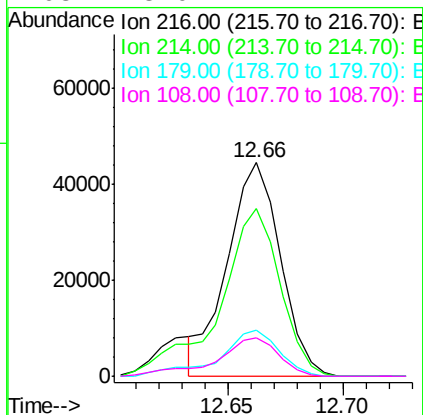
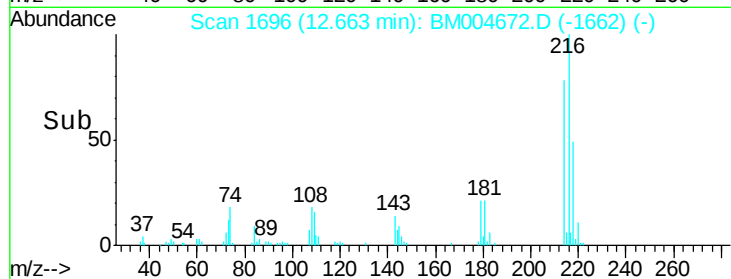
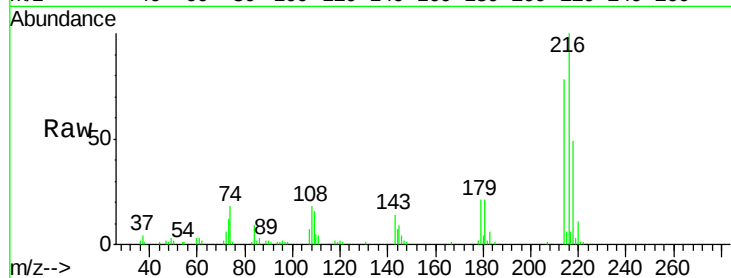




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.98 ng/uL
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004672.D
 Acq: 17 Mar 2016 18:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	71377
Ion	Ratio	Lower Upper
216	100	
214	78.3	62.5 93.7
179	21.4	18.2 27.2
108	18.0	14.2 21.2



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 52.25 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004672.D
 Acq: 17 Mar 2016 18:34

Tgt Ion:216	Resp:	239871
Ion	Ratio	Lower Upper
216	100	
214	79.5	62.5 93.7
218	48.5	38.4 57.6

