

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011616.D
 Acq On : 19 Sep 2017 22:15
 Operator : SJ/JU
 Sample : I5271-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Manual Integrations
 APPROVED

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 9/20/2017 5:54:39 PM

Quant Time: Sep 20 07:02:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	390544	20.00	ng/ul	0.01
18) Naphthalene-d8	10.79	136	1668236	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	998084	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2218432	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2356301	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2158998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	44576	5.13	ng/uL	0.00
5) Phenol-d5	7.12	99	219514	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	766104	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	690298	24.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	424012	14.48	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	436504	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	471114	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	798615	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	41119	1.41	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2888051	34.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3490578	34.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	84950	5.36	ng/ul	0.00
58) Fluorene-d10	15.59	176	2510101	34.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	431870	33.46	ng/ul	0.00
71) Anthracene-d10	17.43	188	4067163	37.23	ng/ul	0.00
79) Pyrene-d10	19.72	212	4540395	41.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3942453	38.32	ng/ul	0.00

Target Compounds

						Qvalue
10) 2-Chlorophenol	7.53	128	134574	4.881	ng/ul	92
27) 2,4-Dichlorophenol	10.42	162	47388m	1.855	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	872132m	29.457	ng/ul	
40) 2,4,5-Trichlorophenol	13.10	196	27037	1.323	ng/ul	90
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	3553936	120.221	ng/uL	97
74) Pentachlorobenzene	14.92	250	160775	5.362	ng/uL	98

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

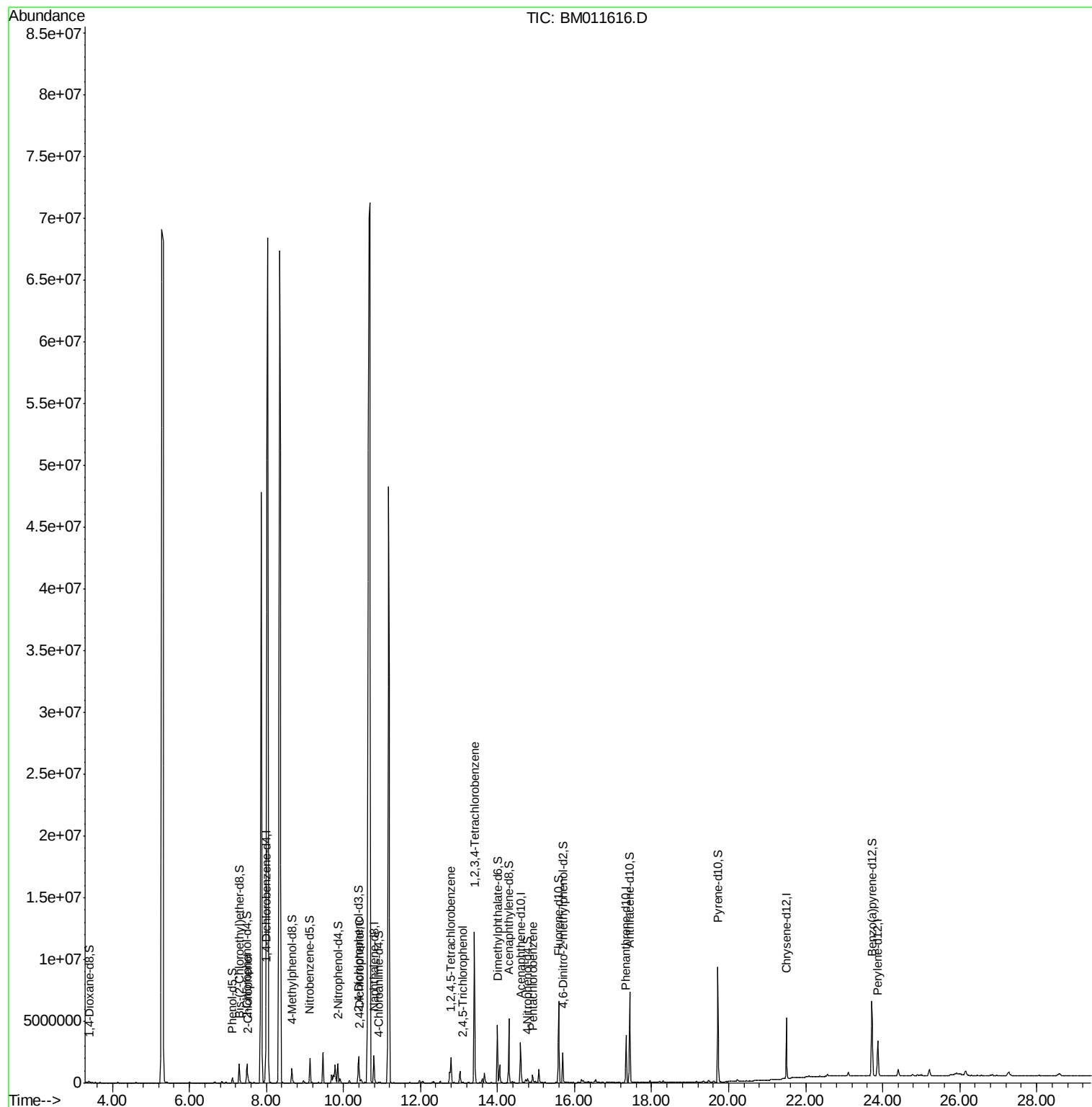
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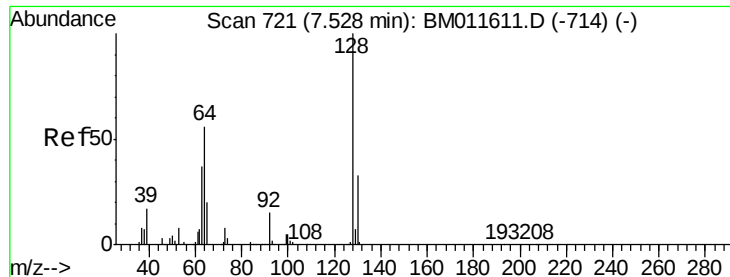
Instrument :
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Quant Time: Sep 20 07:02:50 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
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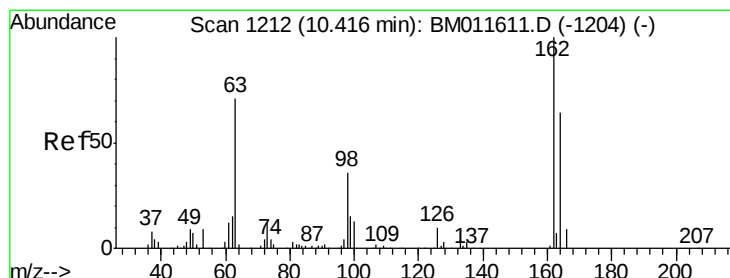
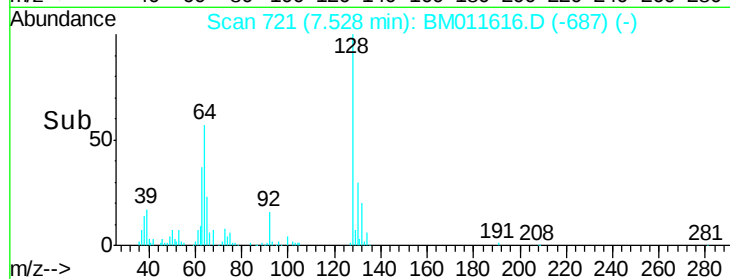
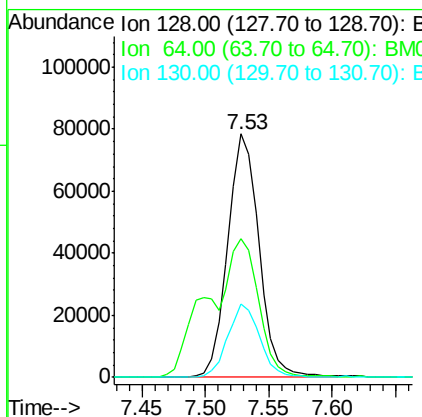
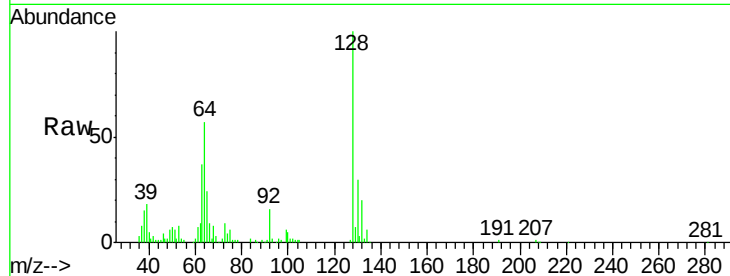
#10
2-Chlorophenol
Concen: 4.881 ng/ul
RT: 7.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BM011616.D
Acq: 19 Sep 2017 22:15

Instrument :
BNA_M
ClientSampled :
C0AJ1

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	134574		
64	57.2	39.8	59.6	
130	30.4	25.8	38.8	

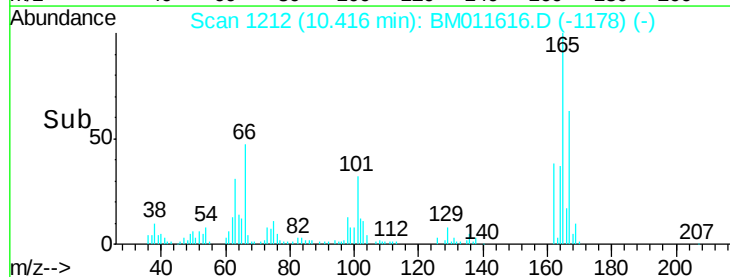
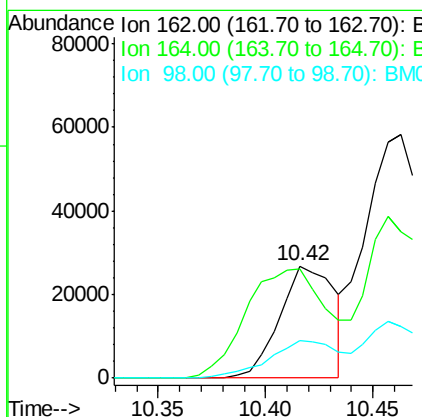
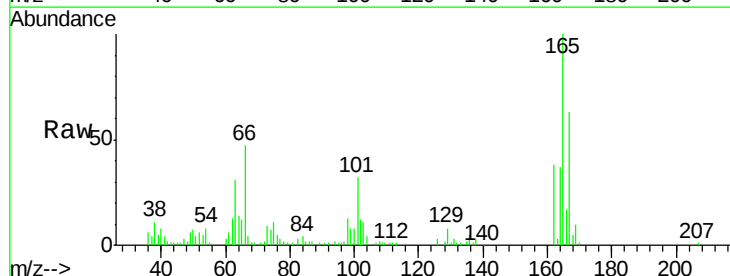
Manual Integrations
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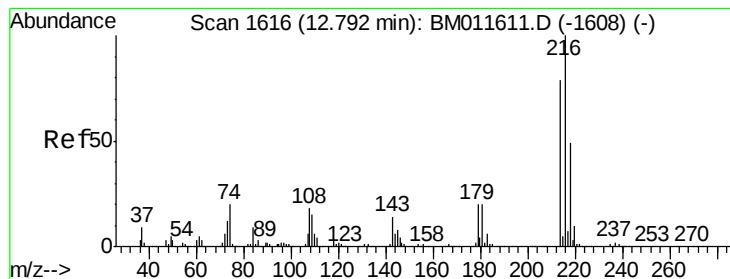
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#27
2,4-Dichlorophenol
Concen: 1.855 ng/ul m
RT: 10.42 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BM011616.D
Acq: 19 Sep 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	47388		
164	97.3	52.0	78.0#	
98	33.7	26.6	39.8	





#37

1,2,4,5-Tetrachlorobenzene

Concen: 29.457 ng/ul m

RT: 12.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM011616.D

Acq: 19 Sep 2017 22:15

Instrument :

BNA_M

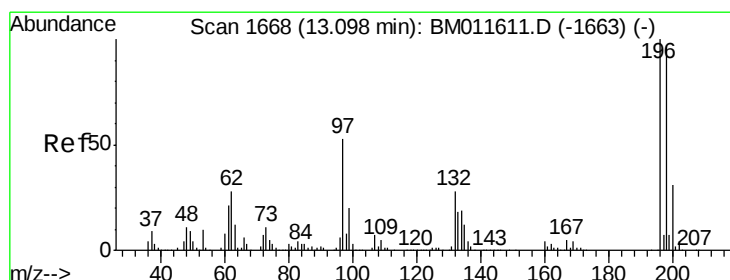
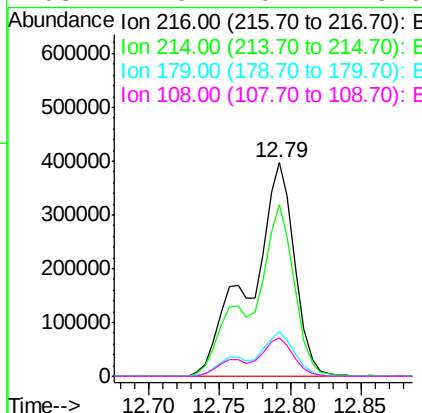
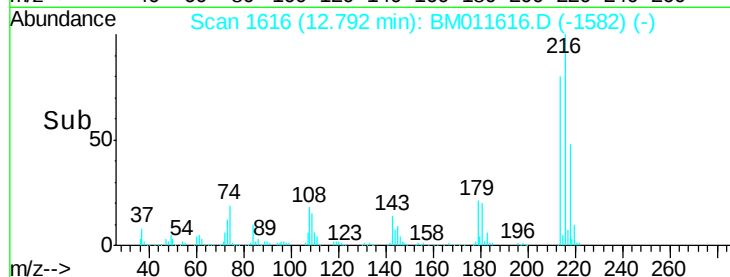
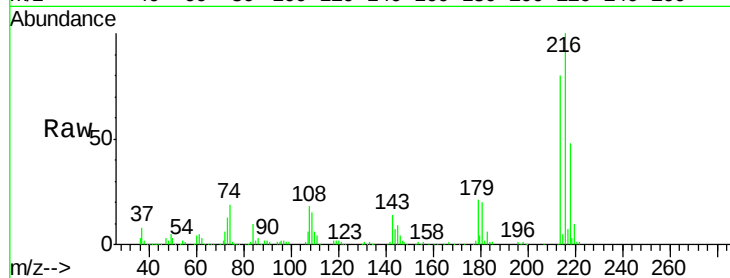
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	872132		
214	80.5	64.1	96.1	
179	21.0	14.5	21.7	
108	17.9	10.4	15.6	

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#40

2,4,5-Trichlorophenol

Concen: 1.323 ng/ul

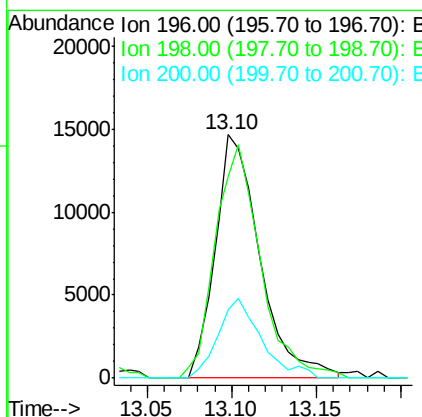
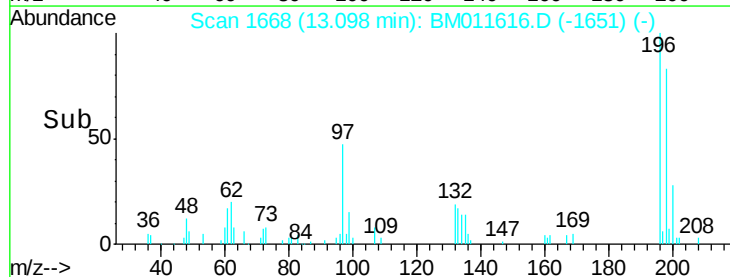
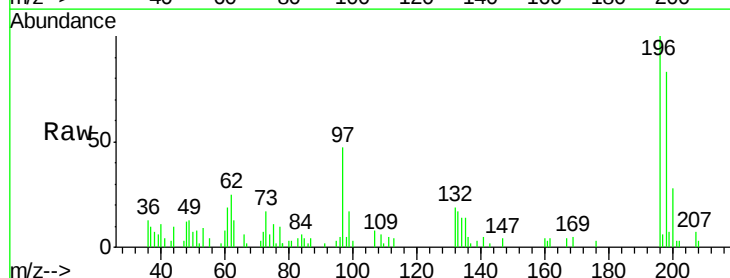
RT: 13.10 min Scan# 1668

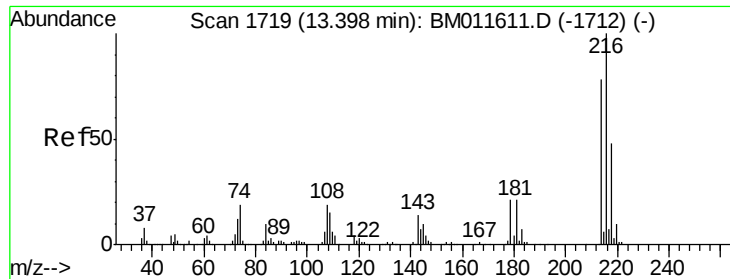
Delta R.T. 0.00 min

Lab File: BM011616.D

Acq: 19 Sep 2017 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	27037		
198	82.6	74.7	112.1	
200	28.1	25.4	38.0	





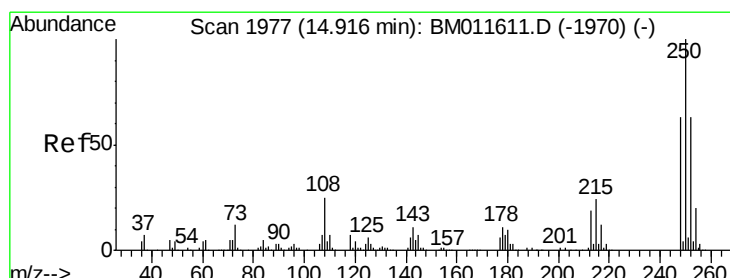
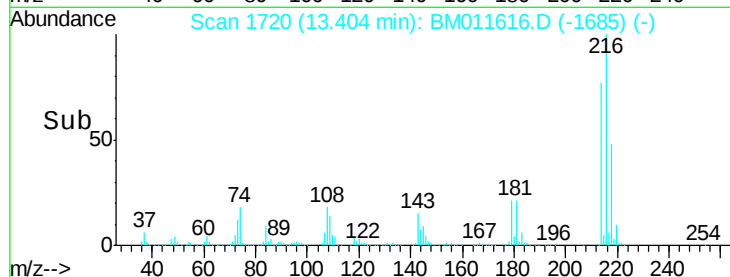
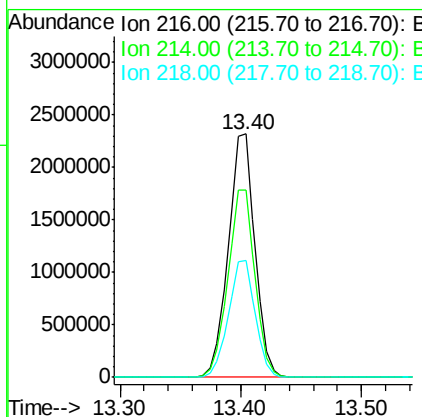
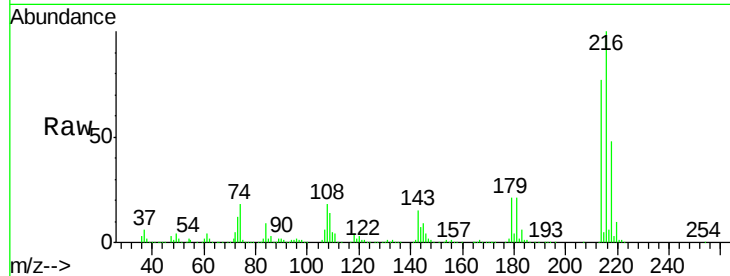
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 120.221 ng/uL
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.2	64.1	96.1
218	47.9	39.4	59.0

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#74
 Pentachlorobenzene
 Concen: 5.362 ng/uL
 RT: 14.92 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.6	51.4	77.2
252	63.3	49.8	74.6

