

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009251.D
 Acq On : 14 Mar 2017 12:22
 Operator : SJ/MA
 Sample : I2235-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK7

Manual Integrations
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Quant Time: Mar 15 11:25:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 01:51:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	279693m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.69	136	959544	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	617194	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1585262	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	2200980	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	2061220	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	23531	3.71	ng/uL	0.00
5) Phenol-d5	7.04	99	116618	3.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.26	67	421624m	21.39	ng/ul	0.05
9) 2-Chlorophenol-d4	7.43	132	319254	17.27	ng/ul	0.02
13) 4-Methylphenol-d8	8.59	113	229176	9.49	ng/ul	0.02
19) Nitrobenzene-d5	9.06	128	228525	33.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.77	143	255897	33.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.30	165	444056	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	25036	1.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.93	166	1705734	36.39	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2025503	37.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	56576	6.08	ng/ul	0.00
57) Fluorene-d10	15.51	176	1517946	36.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	284273	29.97	ng/ul	0.00
70) Anthracene-d10	17.36	188	2542788	33.89	ng/ul	0.00
78) Pyrene-d10	19.66	212	3147123	35.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	3228718	34.24	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.07	94	43994	1.36	ng/ul#	76
10) 2-Chlorophenol	7.46	128	89819	4.71	ng/ul#	73
20) Nitrobenzene	9.10	77	384655	16.83	ng/ul#	80
23) 2-Nitrophenol	9.80	139	10691	1.29	ng/ul#	86
27) 2,4-Dichlorophenol	10.37	162	137954	8.58	ng/ul#	92
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	117556	6.33	ng/ul#	92
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	167155	8.98	ng/uL	99

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

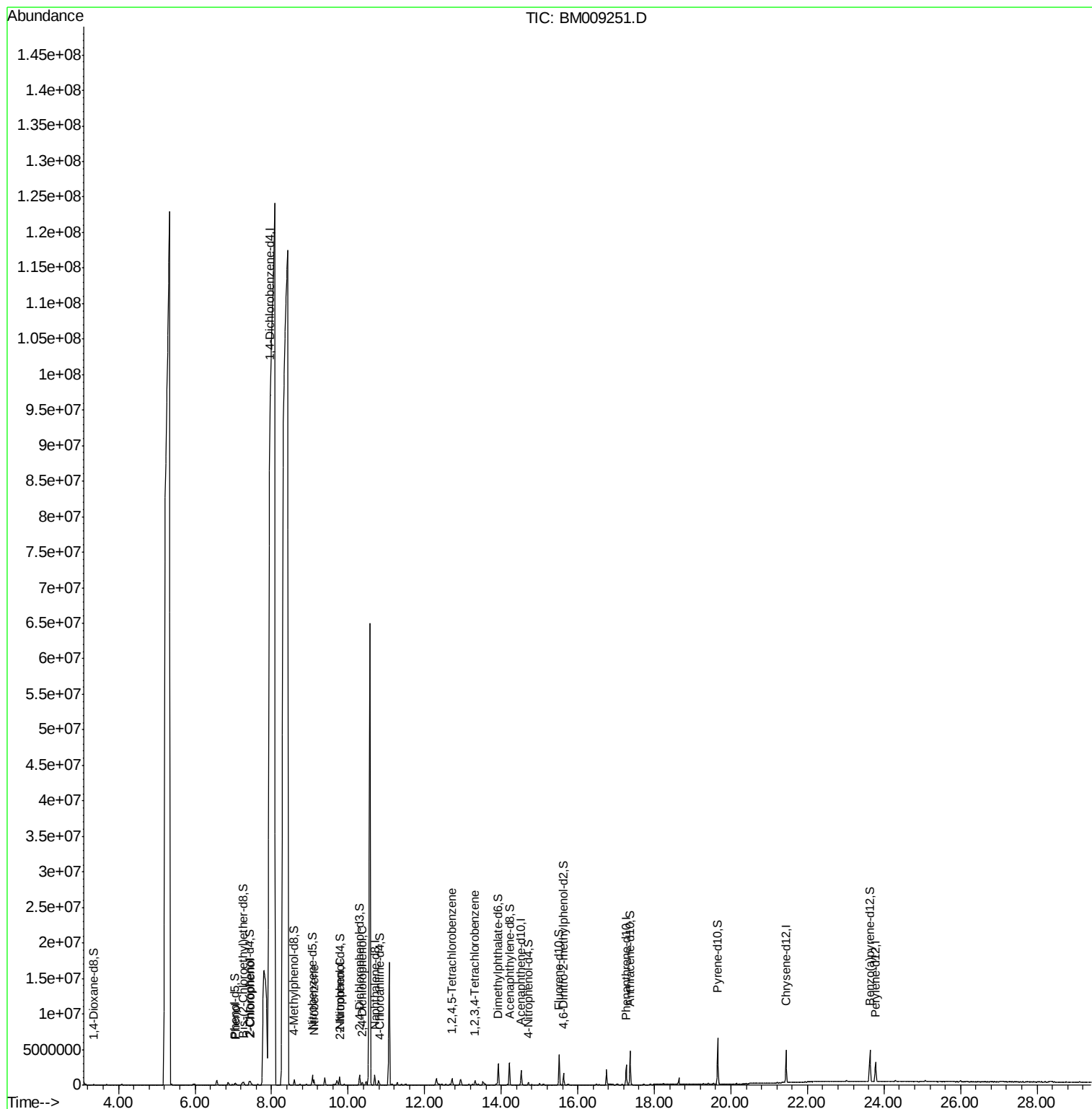
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
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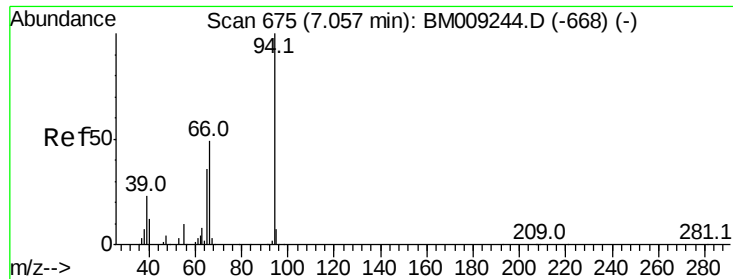
Instrument :
BNA_M
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#6

Phenol

Concen: 1.36 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM009251.D

Acq: 14 Mar 2017 12:22

Instrument :

BNA_M

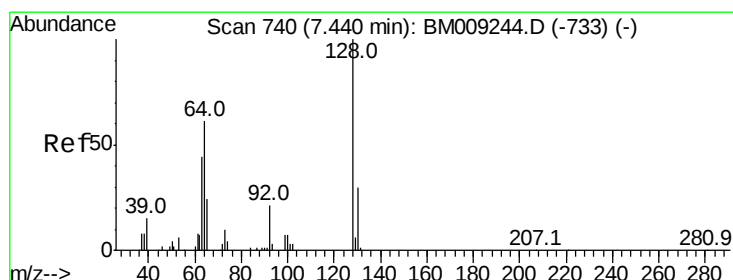
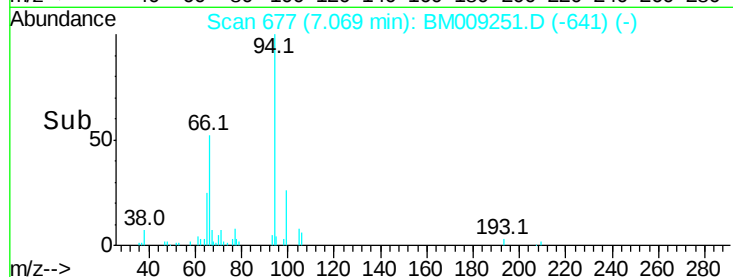
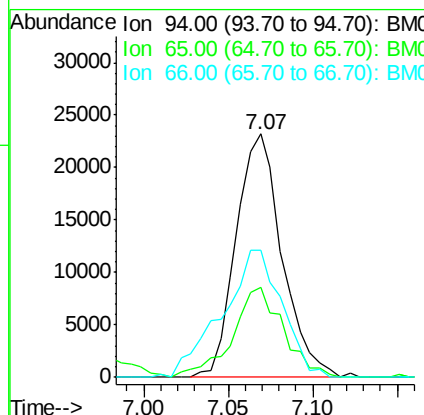
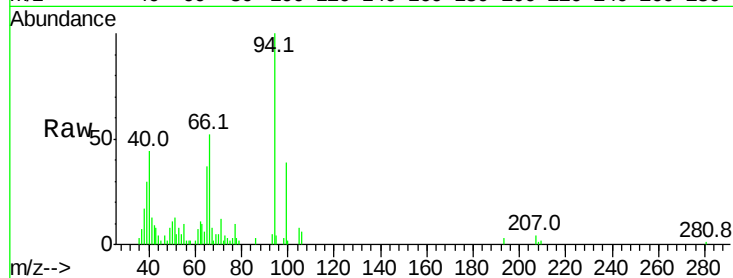
ClientSampleId :

C0BK7

Tot Ion:	94	Resp:	43994
Ion	Ratio	Lower	Upper
94	100		
65	36.8	21.0	31.6#
66	52.0	29.3	43.9#

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#10

2-Chlorophenol

Concen: 4.71 ng/ul

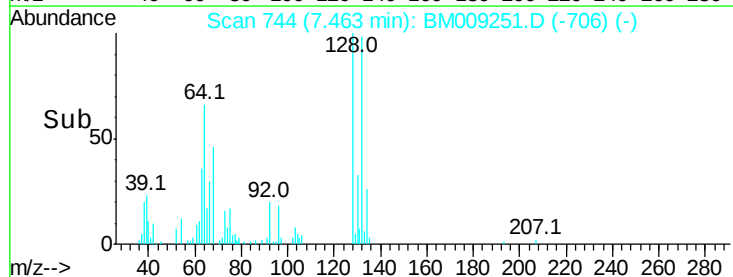
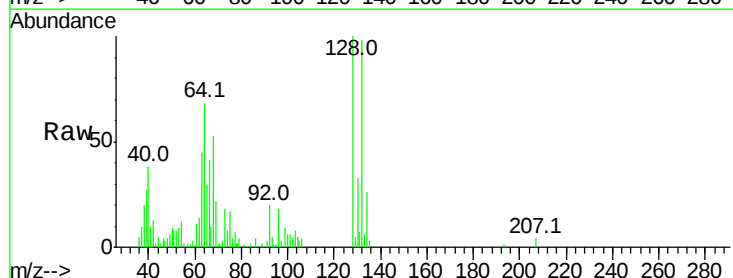
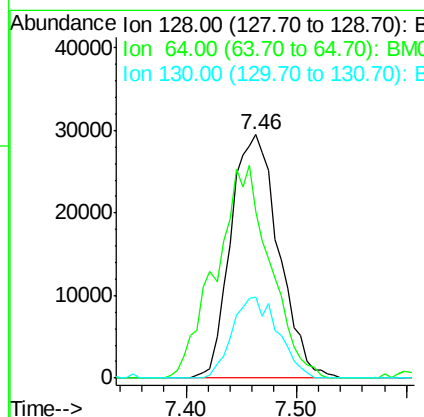
RT: 7.46 min Scan# 744

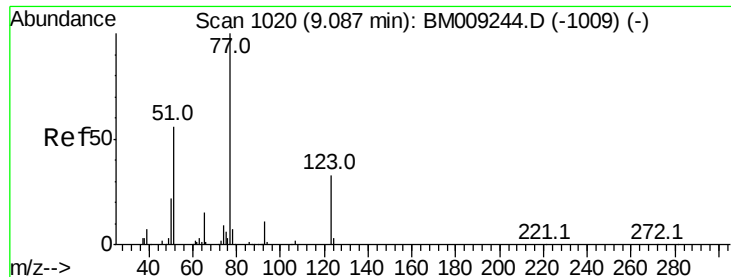
Delta R.T. 0.02 min

Lab File: BM009251.D

Acq: 14 Mar 2017 12:22

Tgt Ion:	128	Resp:	89819
Ion	Ratio	Lower	Upper
128	100		
64	68.5	31.9	47.9#
130	33.4	25.6	38.4





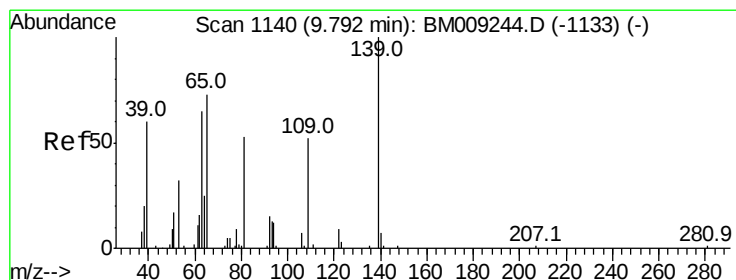
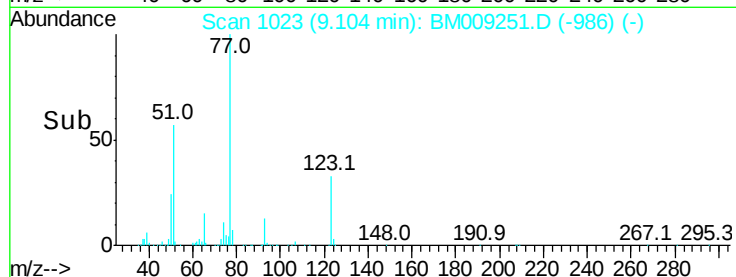
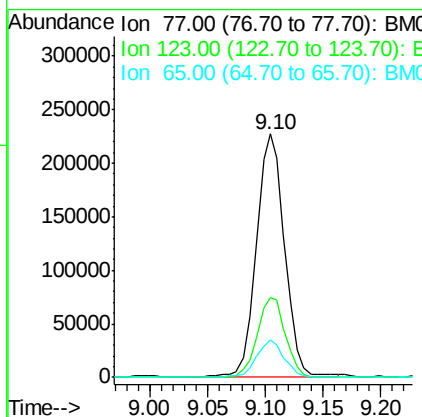
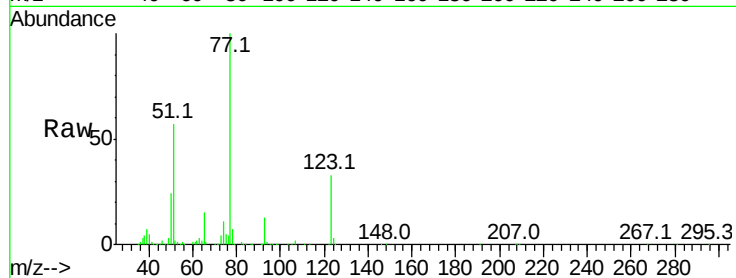
#20
Nitrobenzene
Concen: 16.83 ng/ul
RT: 9.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

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BNA_M
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Tot Ion	Ratio	Lower	Upper
77	100		
123	32.9	39.0	58.4#
65	15.3	10.4	15.6

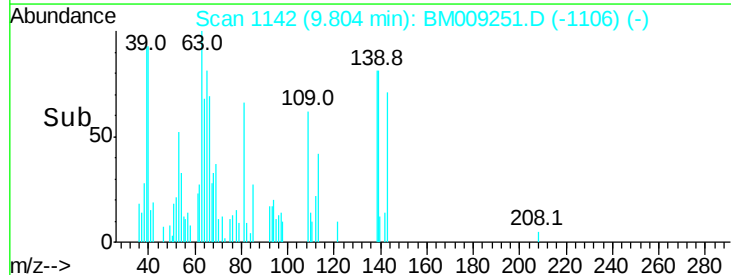
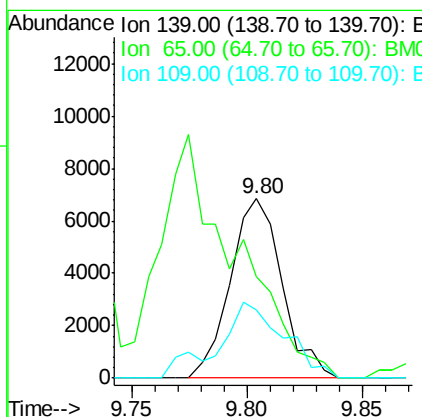
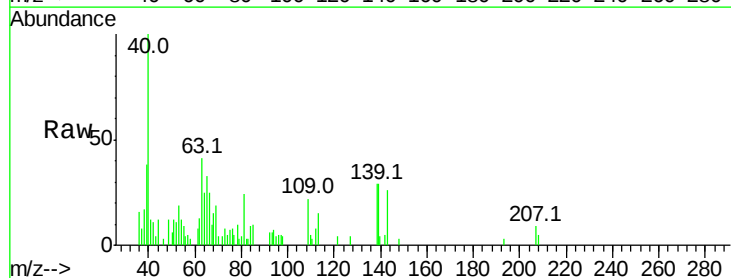
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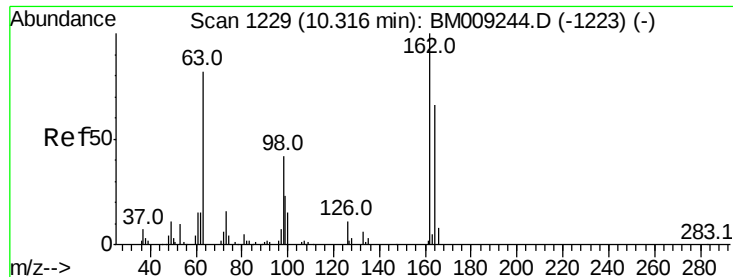
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#23
2-Nitrophenol
Concen: 1.29 ng/ul
RT: 9.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion	Ratio	Lower	Upper
139	100		
65	56.9	36.3	54.5#
109	38.2	26.4	39.6





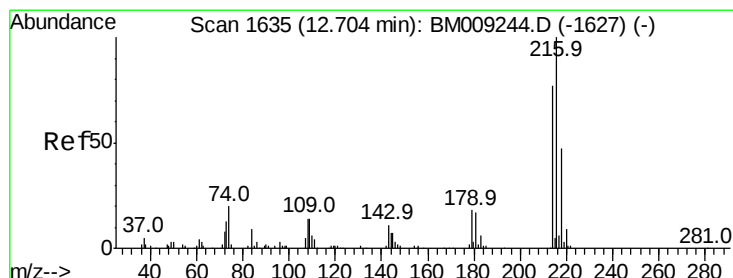
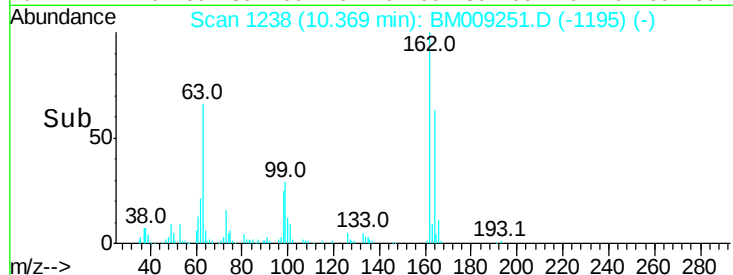
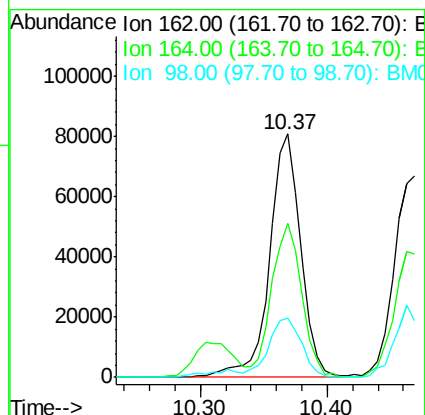
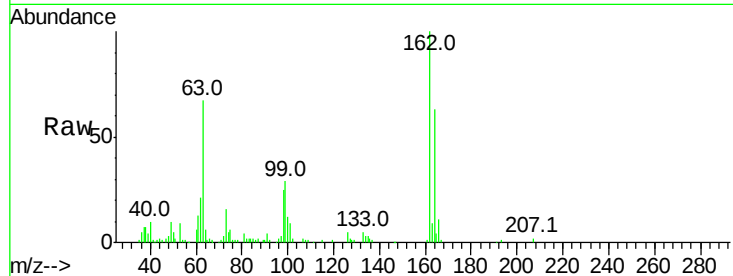
#27
2,4-Dichlorophenol
Concen: 8.58 ng/ul
RT: 10.37 min Scan# 1238
Delta R.T. 0.05 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Instrument :
BNA_M
ClientSampled :
C0BK7

Tot Ion	Ratio	Resp	Lower	Upper
162	100	137954		
164	63.0	52.1	78.1	
98	24.5	28.4	42.6	

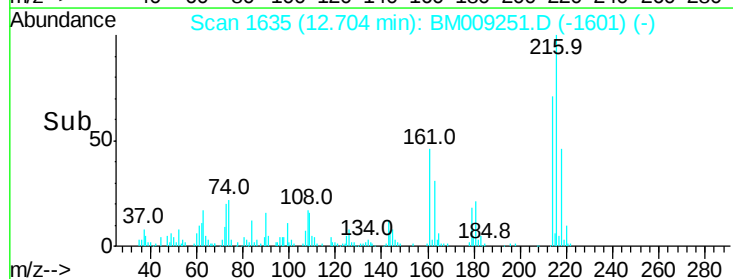
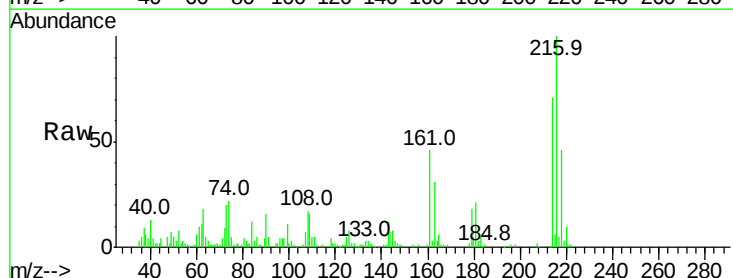
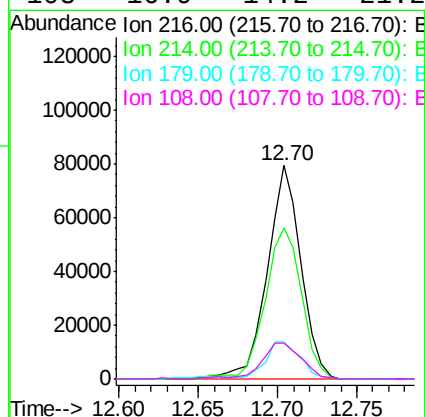
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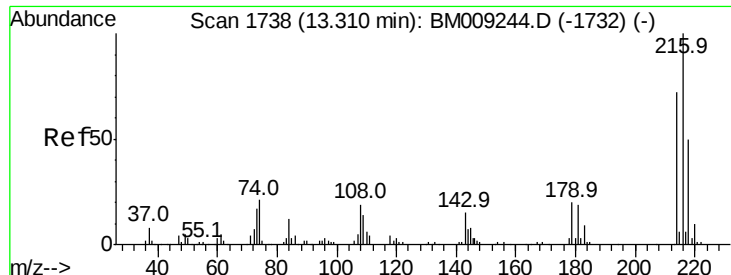
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 6.33 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM009251.D
Acq: 14 Mar 2017 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	117556		
214	71.0	62.5	93.7	
179	17.5	18.2	27.2	
108	16.9	14.2	21.2	





#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 8.98 ng/uL
 RT: 13.32 min Scan# 1739
 Delta R.T. 0.01 min
 Lab File: BM009251.D
 Acq: 14 Mar 2017 12:22

Instrument :
 BNA_M
 ClientSampleID :
 C0BK7

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.4	62.5	93.7
218	47.3	38.4	57.6

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