

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
 Data File : BM009260.D
 Acq On : 15 Mar 2017 11:32
 Operator : SJ/MA
 Sample : I2235-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 16 01:18:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 01:18:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	183127	20.00	ng/ul	0.08
18) Naphthalene-d8	10.69	136	579448	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	363392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	1582481	20.00	ng/ul	0.10
77) Chrysene-d12	21.44	240	1437371	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1464331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2060	0.50	ng/uL	0.05
5) Phenol-d5	7.04	99	76672	3.87	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.24	67	266939	20.69	ng/ul	0.04
9) 2-Chlorophenol-d4	7.42	132	210818	17.41	ng/ul	0.02
13) 4-Methylphenol-d8	8.59	113	149010	9.43	ng/ul	0.01
19) Nitrobenzene-d5	9.06	128	136629	33.02	ng/ul	0.01
22) 2-Nitrophenol-d4	9.77	143	146642	31.93	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.30	165	279610	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	16643	1.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1044717	37.85	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1230082	38.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	29792	5.44	ng/ul	0.00
57) Fluorene-d10	15.51	176	919998	37.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	162238	17.14	ng/ul	0.00
70) Anthracene-d10	17.36	188	1582481	21.13	ng/ul	0.00
78) Pyrene-d10	19.66	212	2027602	34.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2408916	35.96	ng/ul	0.00

Target Compounds

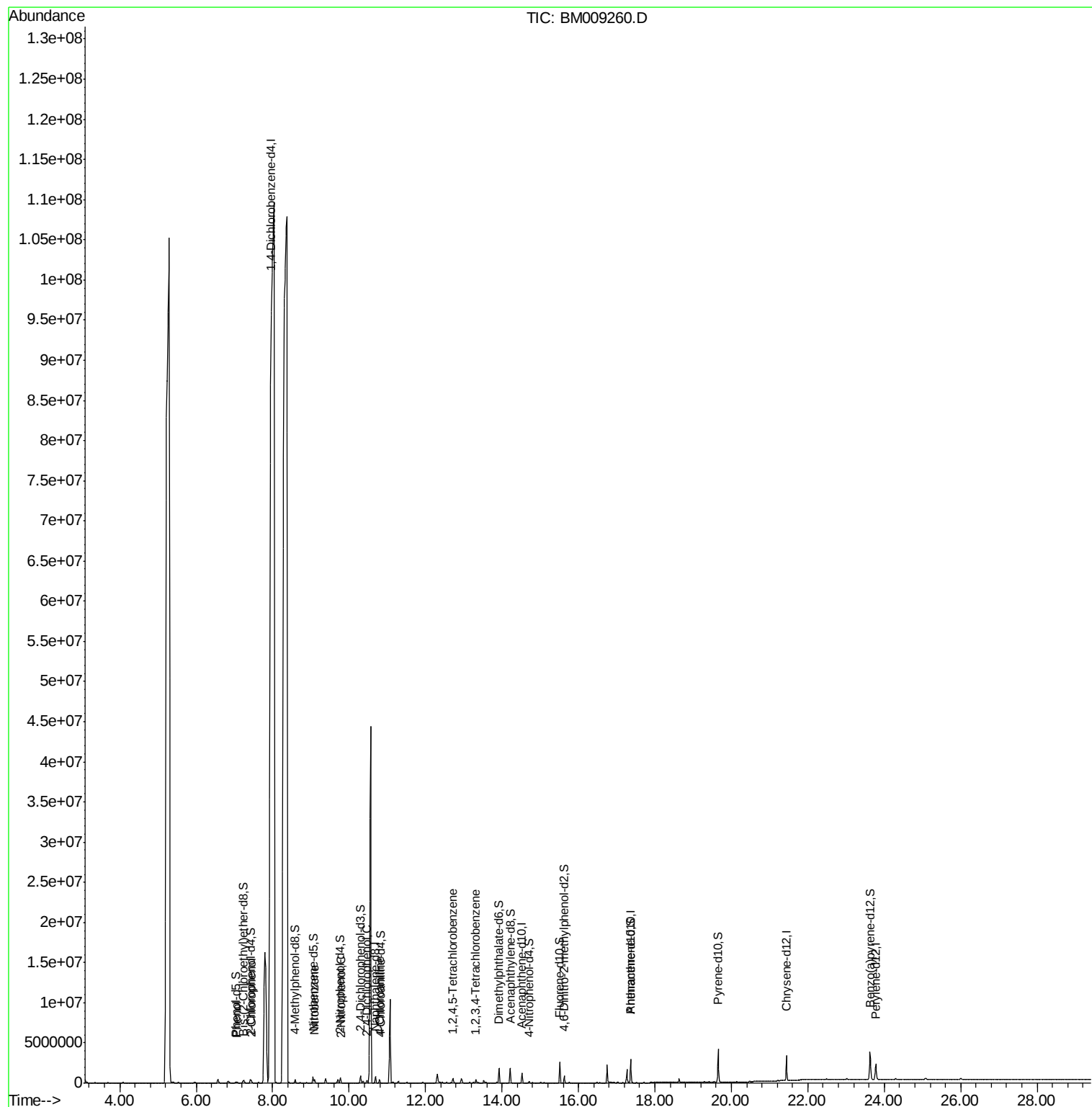
						Ovalue
6) Phenol	7.07	94	28246	1.34	ng/ul#	70
10) 2-Chlorophenol	7.45	128	58823	4.71	ng/ul#	76
20) Nitrobenzene	9.10	77	231956	16.81	ng/ul#	82
23) 2-Nitrophenol	9.80	139	6068	1.21	ng/ul#	81
27) 2,4-Dichlorophenol	10.46	162	74596	7.68	ng/ul	97
30) 4-Chloroaniline	10.80	127	159965	12.90	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	74845	6.85	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	104666	5.63	ng/uL	97

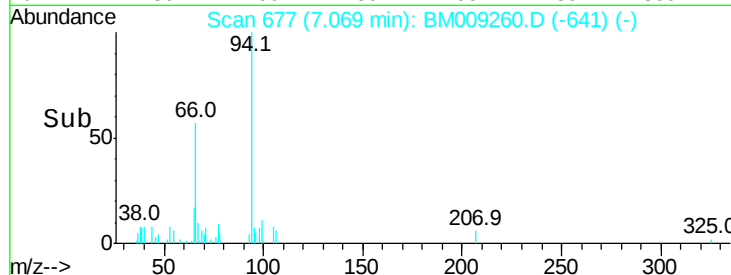
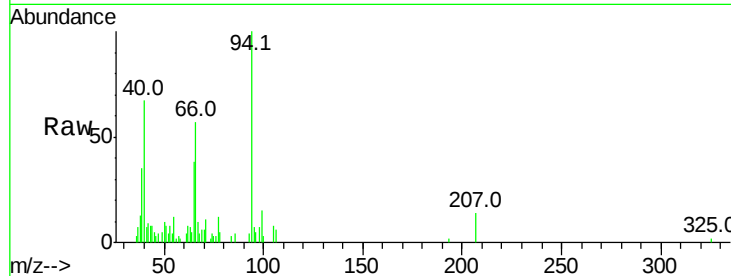
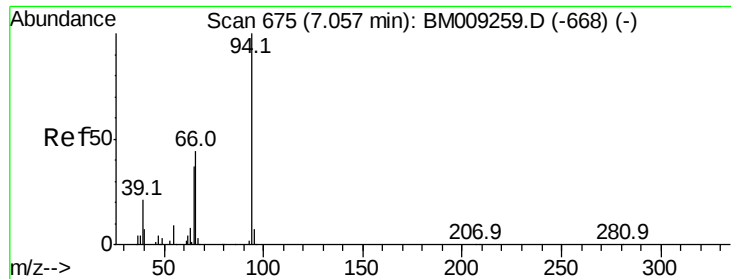
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 01:18:23 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.34 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM009260.D

Acq: 15 Mar 2017 11:32

Instrument :

BNA_M

ClientSampled :

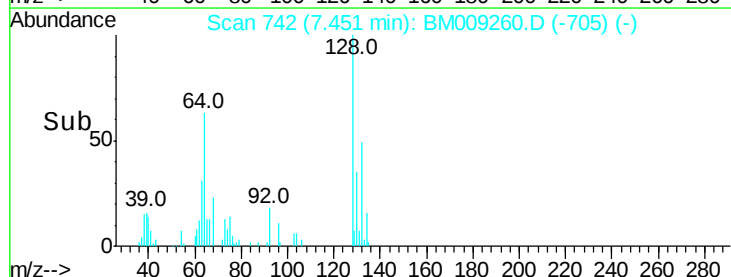
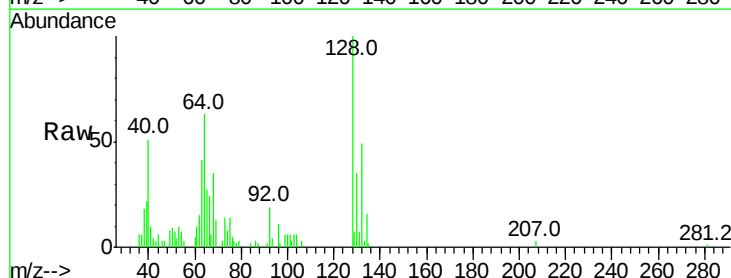
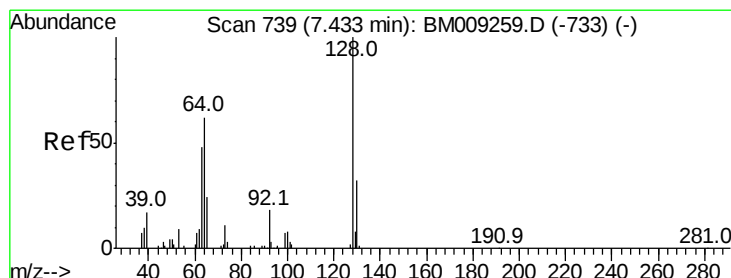
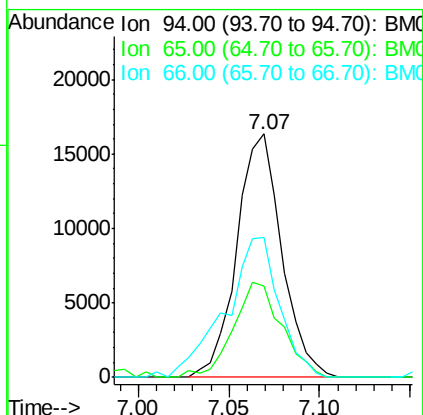
Tot Ion: 94 Resp: 28246

Ion Ratio Lower Upper

94 100

65 37.6 21.0 31.6#

66 57.5 29.3 43.9#



#10

2-Chlorophenol

Concen: 4.71 ng/ul

RT: 7.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BM009260.D

Acq: 15 Mar 2017 11:32

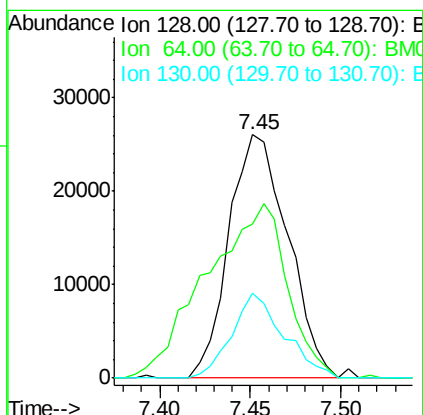
Tgt Ion:128 Resp: 58823

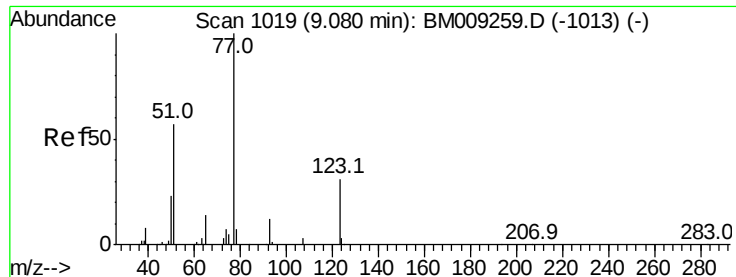
Ion Ratio Lower Upper

128 100

64 63.5 31.9 47.9#

130 35.1 25.6 38.4

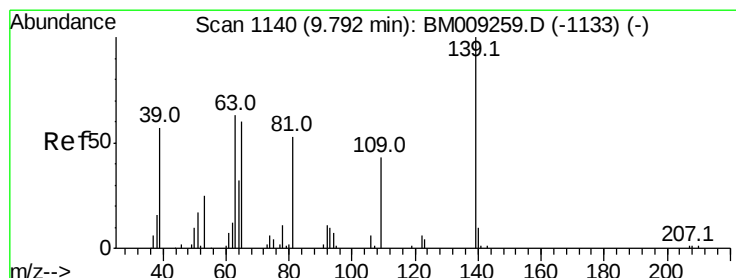
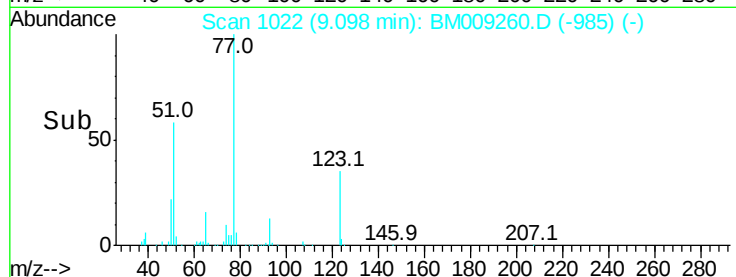
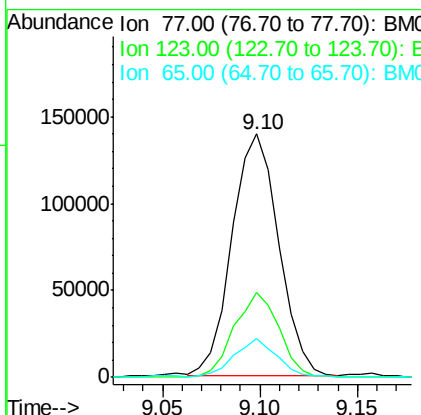
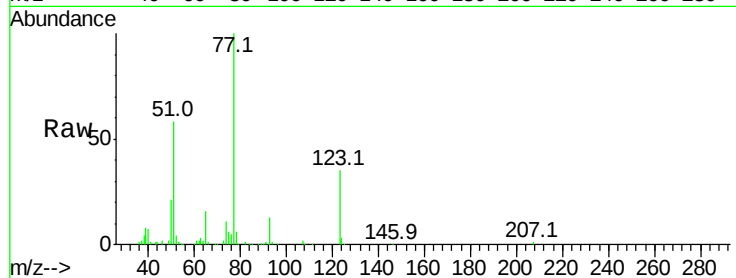




#20
Nitrobenzene
Concen: 16.81 ng/ul
RT: 9.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

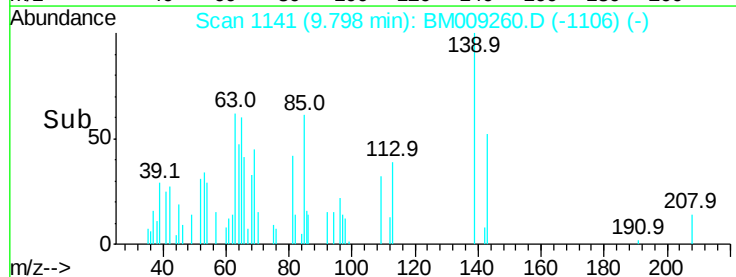
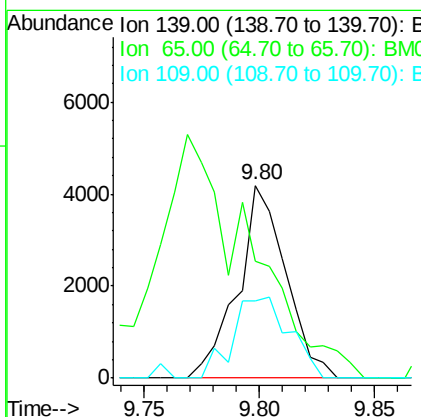
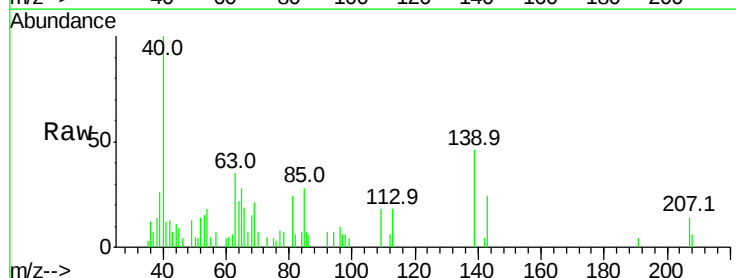
Instrument :
BNA_M
ClientSampleId :

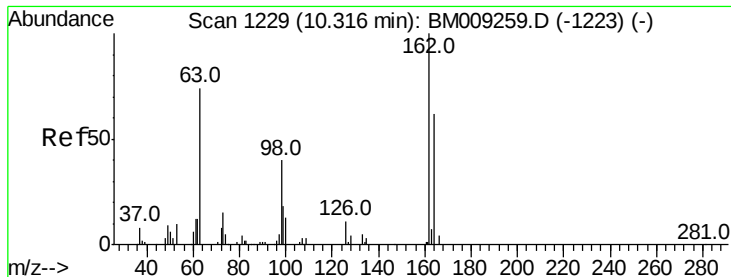
Tot Ion: 77 Resp: 231956
Ion Ratio Lower Upper
77 100
123 34.8 39.0 58.4#
65 16.2 10.4 15.6#



#23
2-Nitrophenol
Concen: 1.21 ng/ul
RT: 9.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BM009260.D
Acq: 15 Mar 2017 11:32

Tgt Ion: 139 Resp: 6068
Ion Ratio Lower Upper
139 100
65 60.5 36.3 54.5#
109 40.3 26.4 39.6#

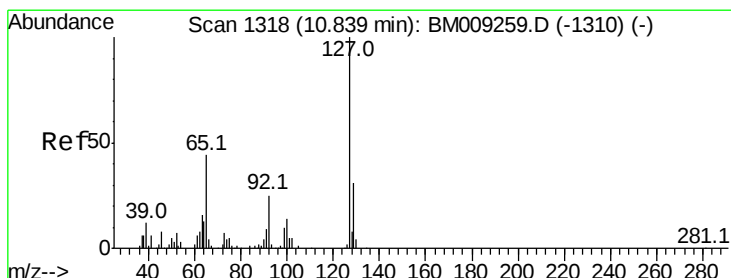
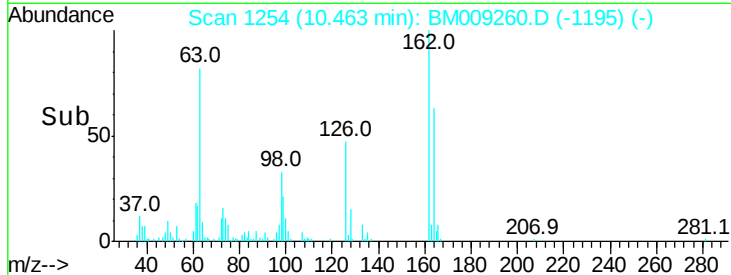
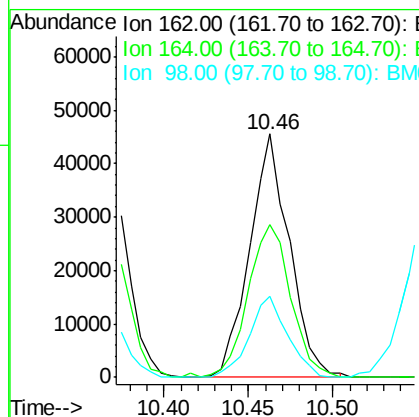
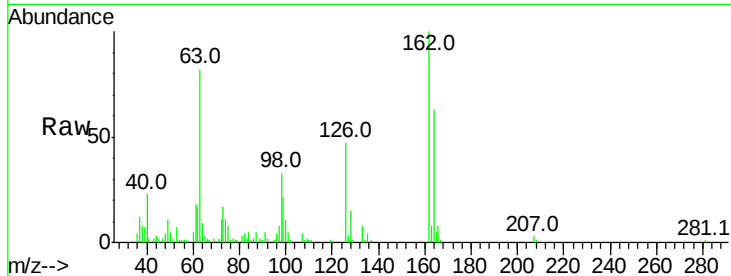




#27
 2,4-Dichlorophenol
 Concen: 7.68 ng/ul
 RT: 10.46 min Scan# 1254
 Delta R.T. 0.15 min
 Lab File: BM009260.D
 Acq: 15 Mar 2017 11:32

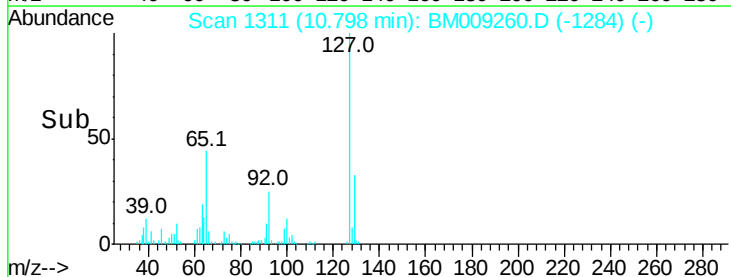
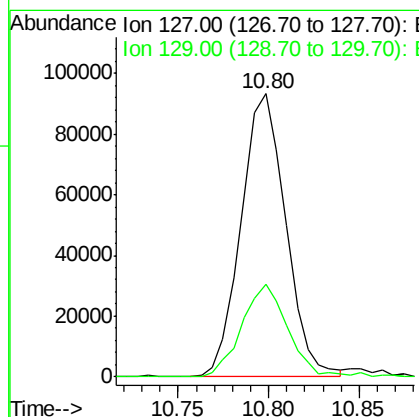
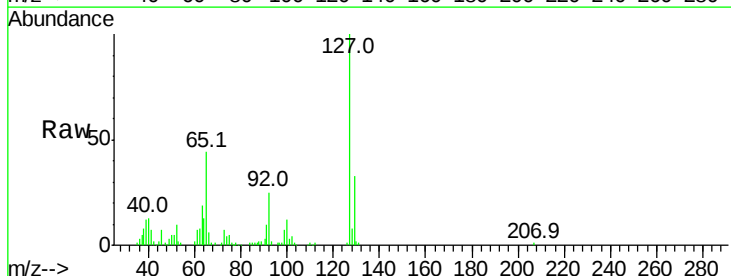
Instrument :
 BNA_M
 ClientSampleId :

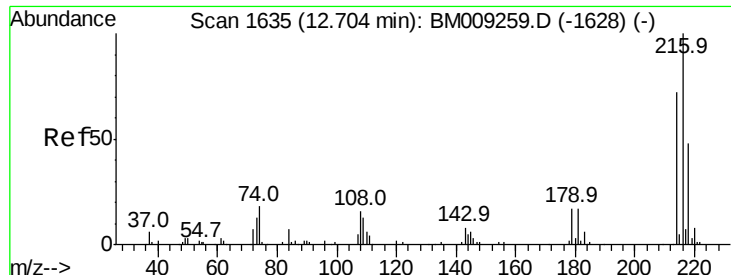
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	52.1	78.1
98	33.2	28.4	42.6



#30
 4-Chloroaniline
 Concen: 12.90 ng/ul
 RT: 10.80 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BM009260.D
 Acq: 15 Mar 2017 11:32

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2

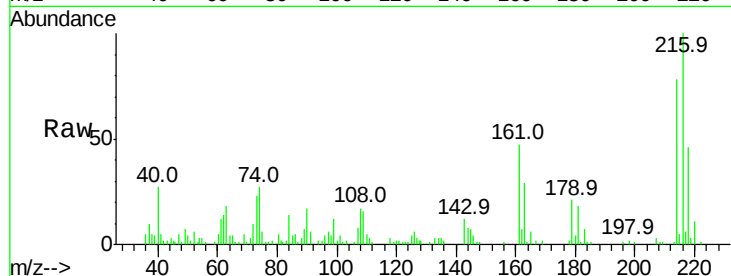




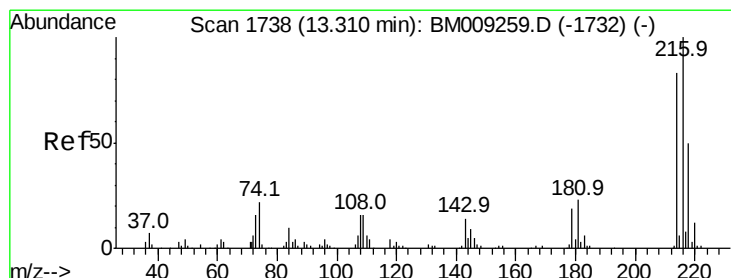
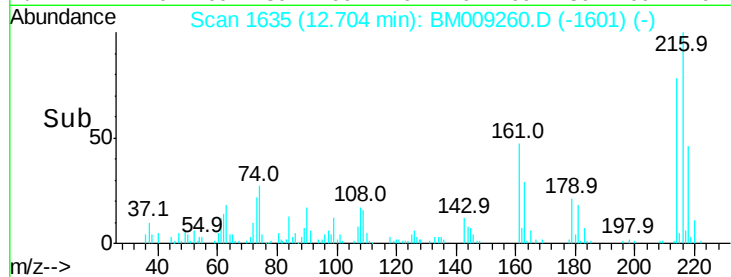
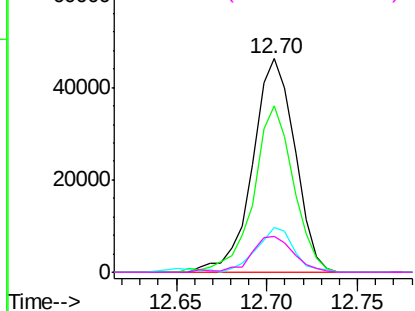
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.85 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM009260.D
 Acq: 15 Mar 2017 11:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.5	93.7
179	21.0	18.2	27.2
108	17.0	14.2	21.2

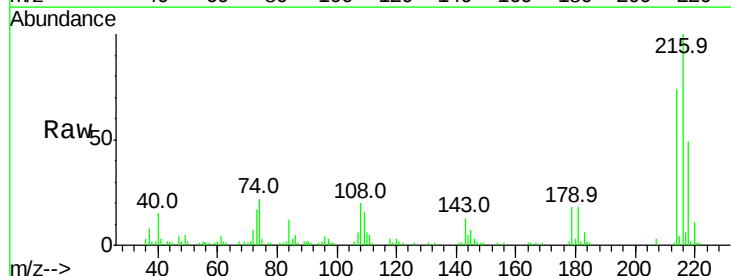


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 5.63 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BM009260.D
 Acq: 15 Mar 2017 11:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	74.4	62.5	93.7
218	49.0	38.4	57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

