

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009252.D
 Acq On : 14 Mar 2017 12:58
 Operator : SJ/MA
 Sample : I2235-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 15 01:52:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 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	7.92	152	152577	20.00	ng/ul	0.05
18) Naphthalene-d8	10.69	136	499139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	322582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	869349	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1380207	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1447019	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	14656	4.23	ng/uL	0.00
5) Phenol-d5	7.03	99	68575	4.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	239174	22.25	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	176102	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	127663	9.69	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	116624	32.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	122975	31.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	227792	26.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	8778	0.87	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	930585	37.98	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1078693	38.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	27338	5.62	ng/ul	0.00
57) Fluorene-d10	15.51	176	840865	38.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	144216	27.73	ng/ul	0.00
70) Anthracene-d10	17.36	188	1468731	35.70	ng/ul	0.00
78) Pyrene-d10	19.66	212	1958296	35.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2373791	35.86	ng/ul	0.01

Target Compounds

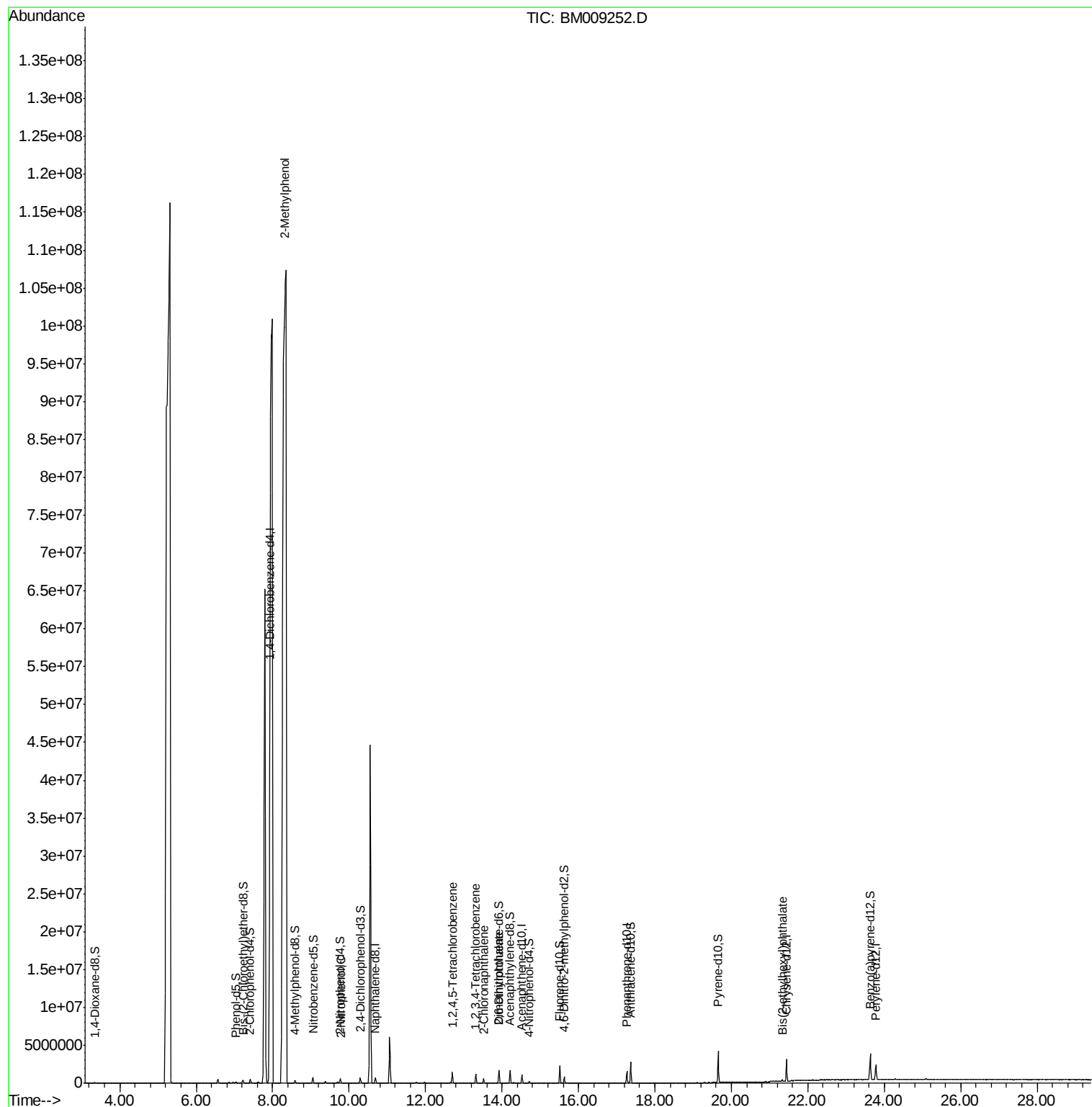
						Ovalue
11) 2-Methylphenol	8.32	108	1176693	92.15	ng/ul	90
23) 2-Nitrophenol	9.79	139	10028	2.33	ng/ul#	74
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	428100	44.12	ng/ul	94
41) 2-Chloronaphthalene	13.52	162	141837	8.11	ng/ul#	37
45) 2,6-Dinitrotoluene	13.93	165	5990	1.27	ng/ul#	45
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	326850	32.00	ng/uL	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	67350	1.50	ng/ul	98

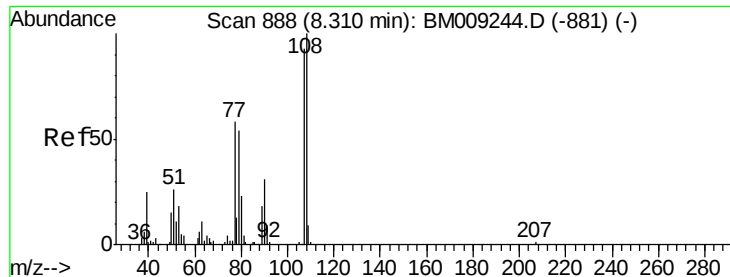
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009252.D
Acq On : 14 Mar 2017 12:58
Operator : SJ/MA
Sample : I2235-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 15 01:52:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration

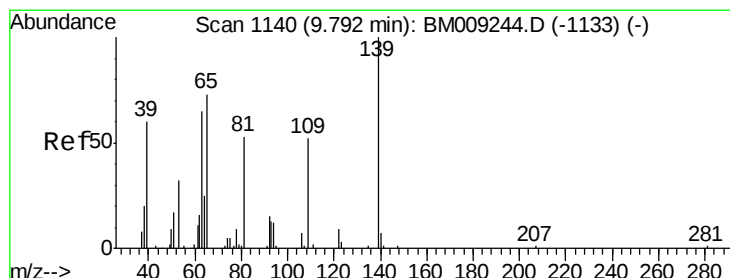
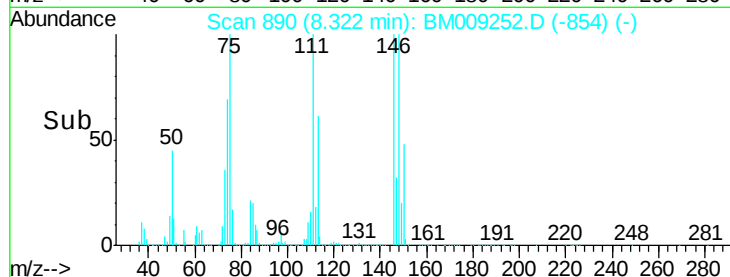
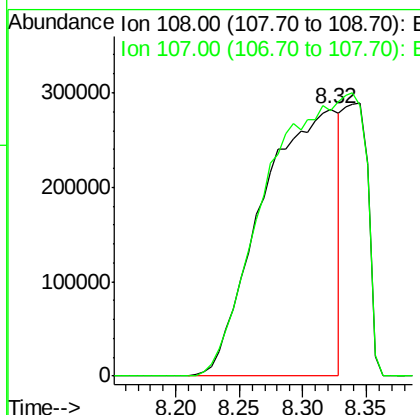
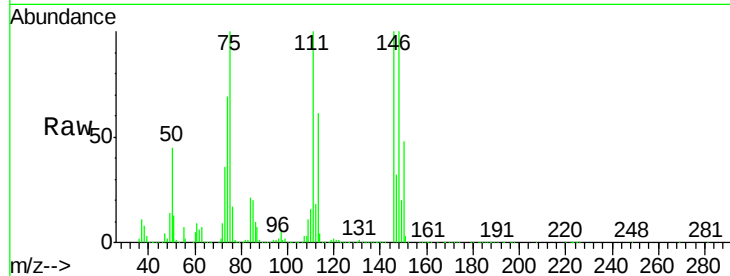




#11
2-Methylphenol
Concen: 92.15 ng/ul
RT: 8.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

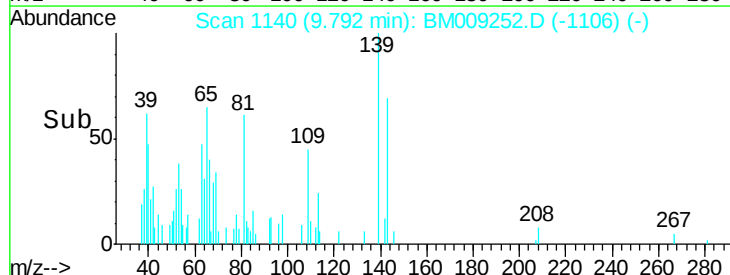
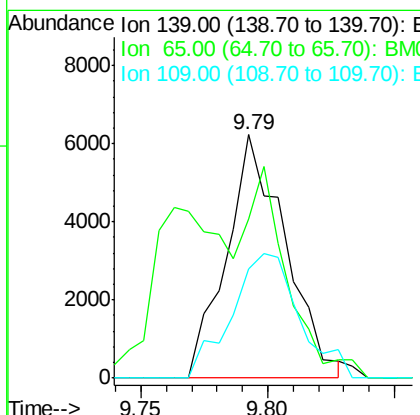
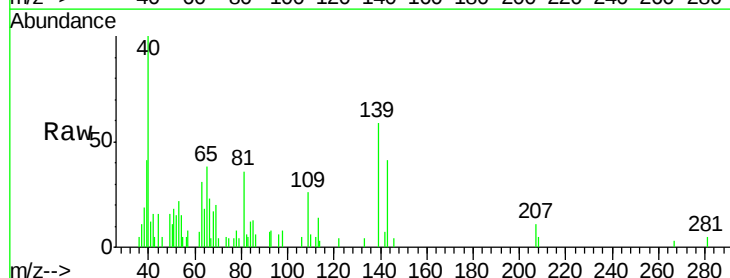
Instrument :
BNA_M
ClientSampleId :

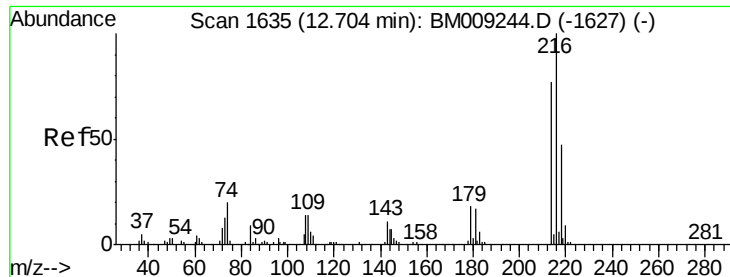
Tot Ion:108 Resp: 1176693
Ion Ratio Lower Upper
108 100
107 99.5 72.4 108.6



#23
2-Nitrophenol
Concen: 2.33 ng/ul
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

Tgt Ion:139 Resp: 10028
Ion Ratio Lower Upper
139 100
65 65.1 36.3 54.5#
109 44.9 26.4 39.6#

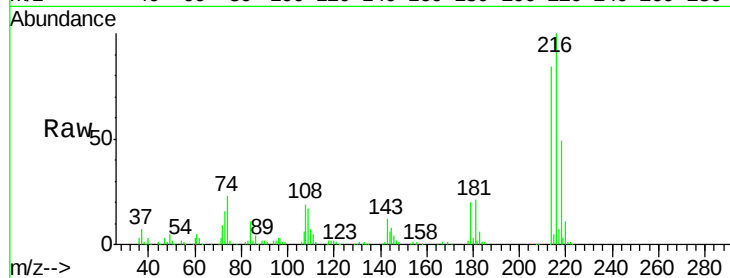




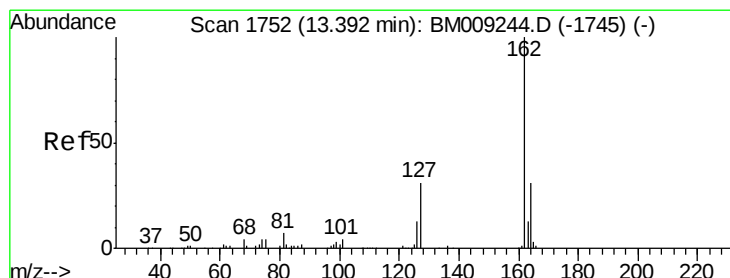
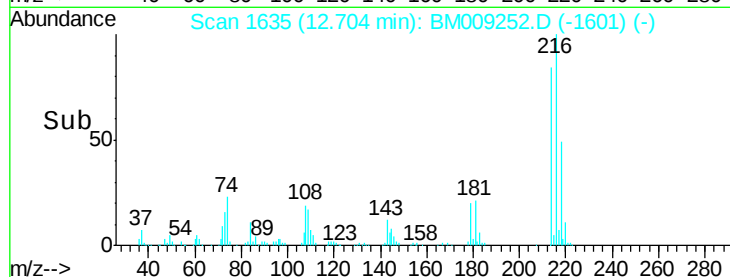
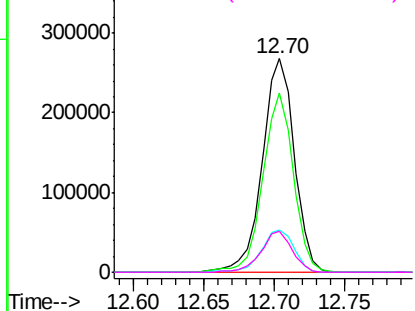
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.12 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	428100
Ion	Ratio	Lower Upper
216	100	
214	83.7	62.5 93.7
179	19.5	18.2 27.2
108	19.3	14.2 21.2

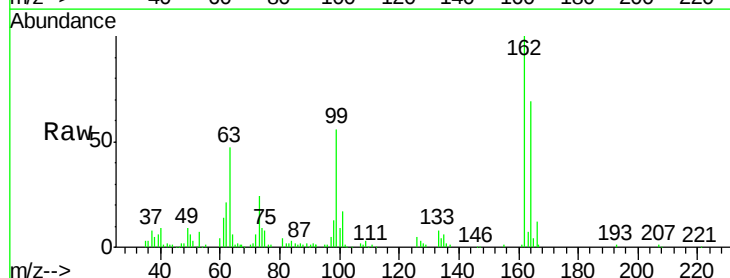


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

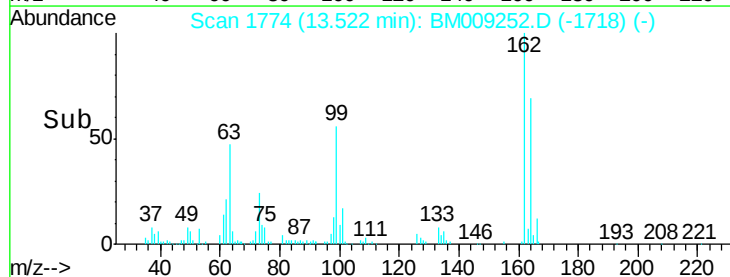
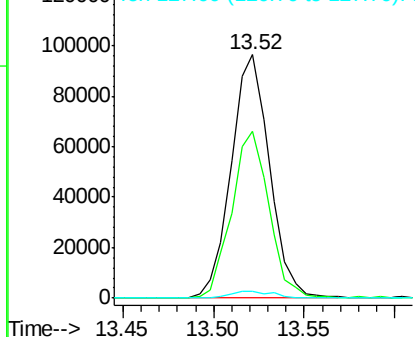


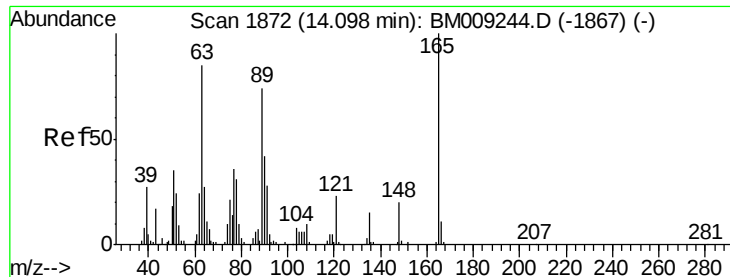
#41
 2-Chloronaphthalene
 Concen: 8.11 ng/ul
 RT: 13.52 min Scan# 1774
 Delta R.T. 0.13 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

Tgt Ion:162	Resp:	141837
Ion	Ratio	Lower Upper
162	100	
164	68.6	25.9 38.9#
127	2.8	34.1 51.1#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

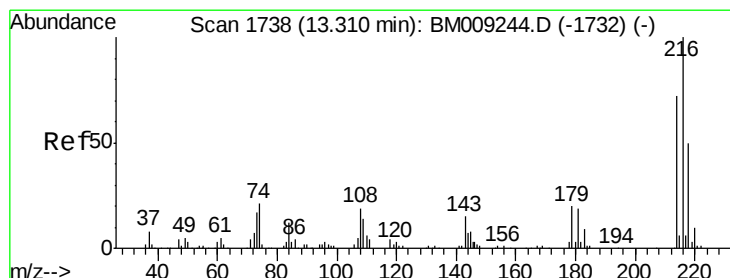
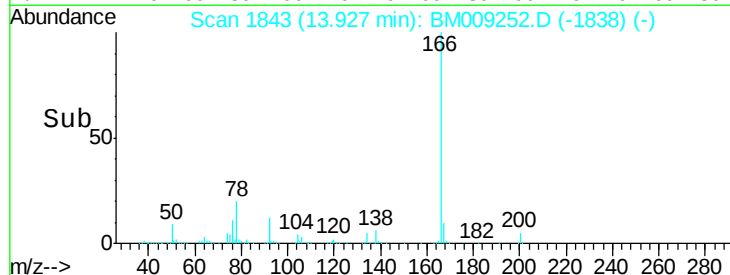
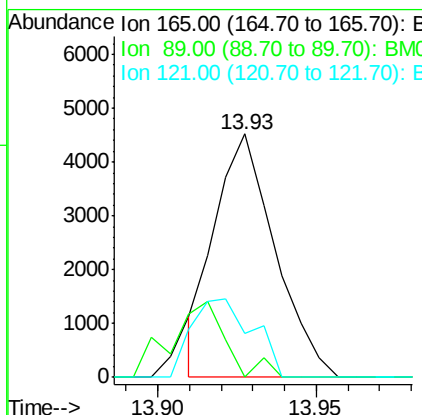
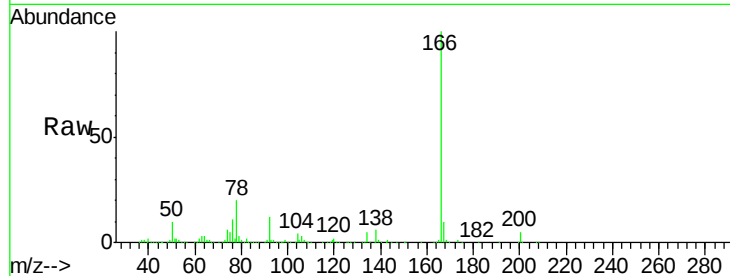




#45
 2,6-Dinitrotoluene
 Concen: 1.27 ng/ul
 RT: 13.93 min Scan# 1843
 Delta R.T. -0.17 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

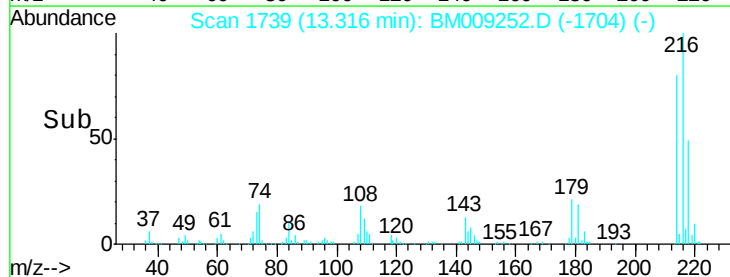
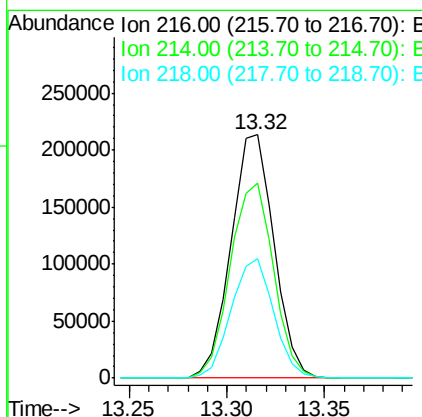
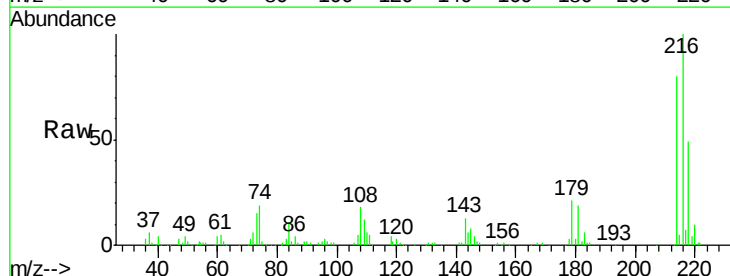
Instrument :
 BNA_M
 ClientSampleId :

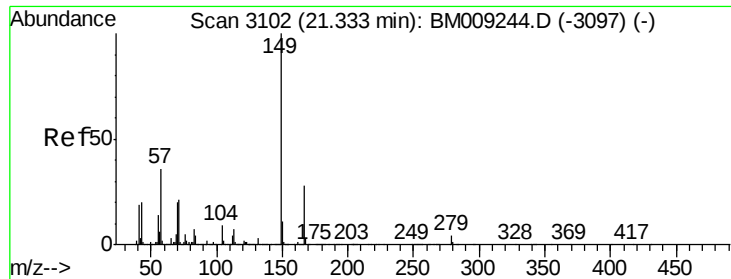
Tot Ion:165 Resp: 5990
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 18.2 16.6 24.8



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 32.00 ng/uL
 RT: 13.32 min Scan# 1739
 Delta R.T. 0.01 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

Tgt Ion:216 Resp: 326850
 Ion Ratio Lower Upper
 216 100
 214 80.0 62.5 93.7
 218 49.3 38.4 57.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.50 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM009252.D

Acq: 14 Mar 2017 12:58

Instrument :

BNA_M

ClientSampleId :

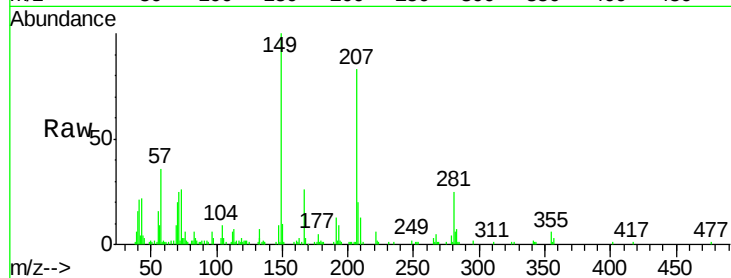
Tot Ion:149 Resp: 67350

Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.9 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

