

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009254.D
 Acq On : 14 Mar 2017 14:10
 Operator : SJ/MA
 Sample : I2235-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK1

Quant Time: Mar 15 01:53:07 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	136714	20.00	ng/ul	0.05
18) Naphthalene-d8	10.70	136	491166	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	329097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	878234	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1397557	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1459923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	12337	3.97	ng/uL	0.00
5) Phenol-d5	7.03	99	58496	3.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	237643	24.67	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	173558	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	122427	10.38	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	121843	34.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	135252	34.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	237410	28.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	2469	0.25	ng/ul	0.02
43) Dimethylphthalate-d6	13.92	166	961467	38.47	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1146682	39.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	28459	5.74	ng/ul	0.00
57) Fluorene-d10	15.51	176	863197	38.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	149466	28.45	ng/ul	0.00
70) Anthracene-d10	17.36	188	1514410	36.43	ng/ul	0.00
78) Pyrene-d10	19.66	212	2000113	35.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2398803	35.91	ng/ul	0.00

Target Compounds

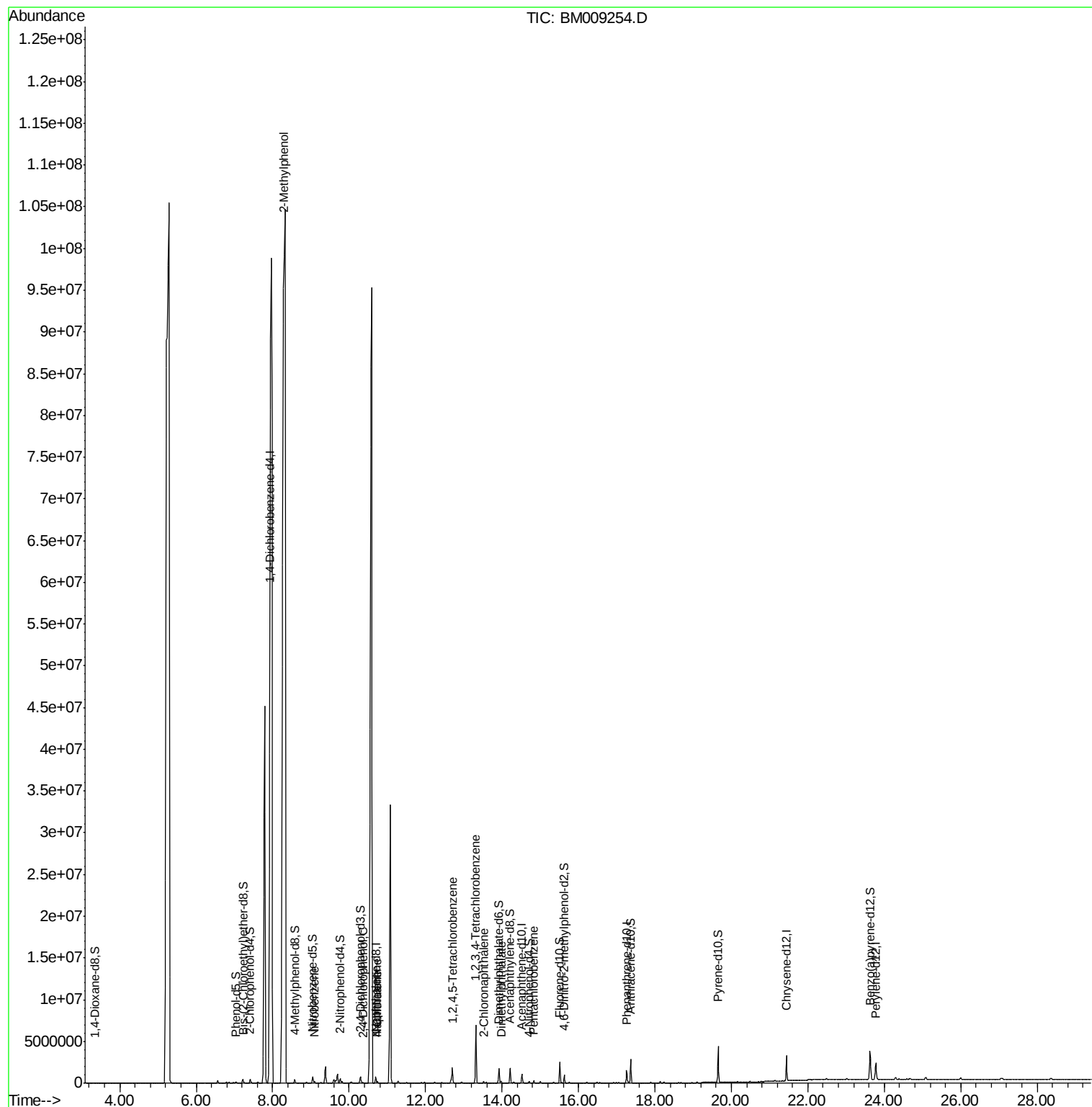
						Ovalue
11) 2-Methylphenol	8.29	108	713009	62.32	ng/ul	90
20) Nitrobenzene	9.09	77	110295	9.43	ng/ul#	82
27) 2,4-Dichlorophenol	10.37	162	16030	1.95	ng/ul	94
28) Naphthalene	10.75	128	102469	4.07	ng/ul#	94
30) 4-Chloroaniline	10.74	127	15431	1.47	ng/ul#	7
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	521698	52.71	ng/ul	97
41) 2-Chloronaphthalene	13.52	162	47870	2.68	ng/ul#	48
44) Dimethylphthalate	13.97	163	53493	2.13	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	1958169	189.79	ng/uL	99
73) Pentachlorobenzene	14.83	250	83477	7.54	ng/uL	96

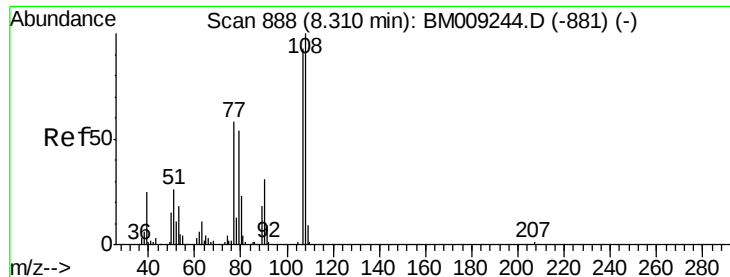
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 62.32 ng/ul

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

Instrument :

BNA_M

ClientSampleId :

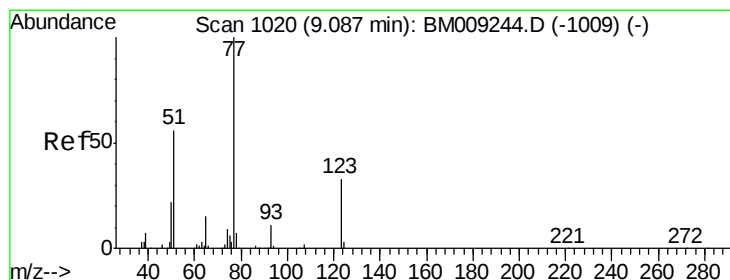
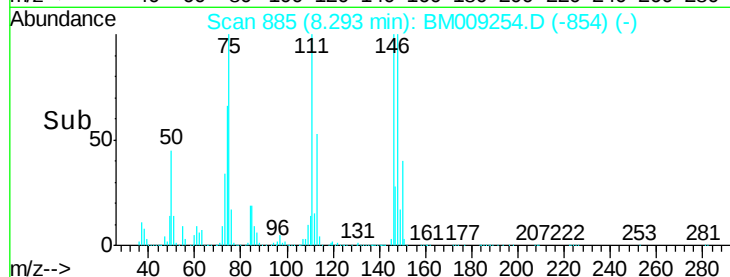
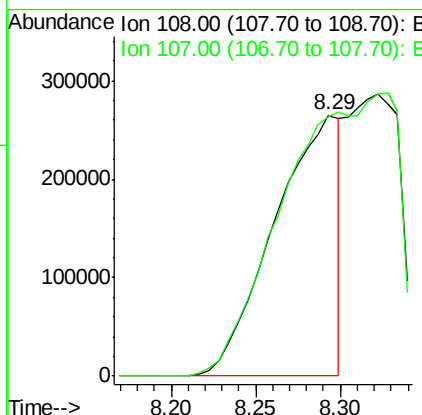
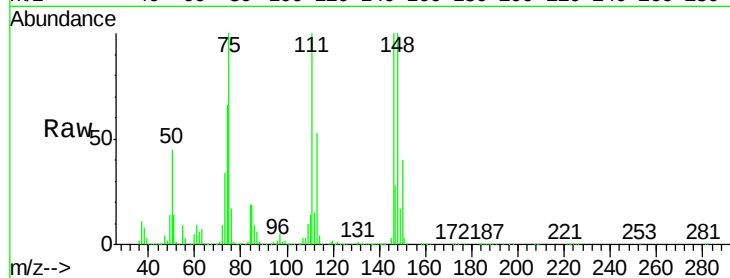
C0BK1

Tot Ion: 108 Resp: 713009

Ion Ratio Lower Upper

108 100

107 99.6 72.4 108.6



#20

Nitrobenzene

Concen: 9.43 ng/ul

RT: 9.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

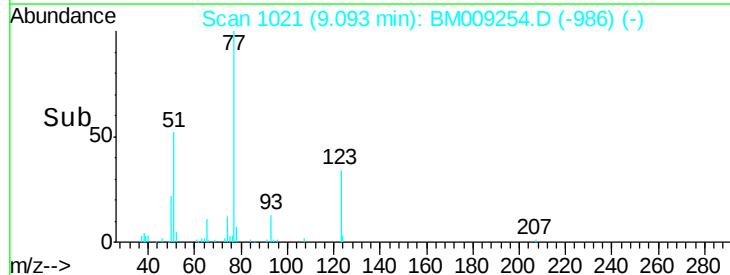
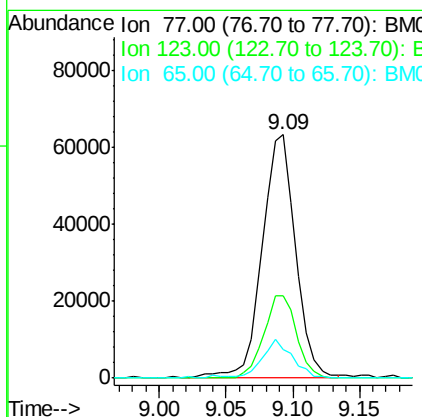
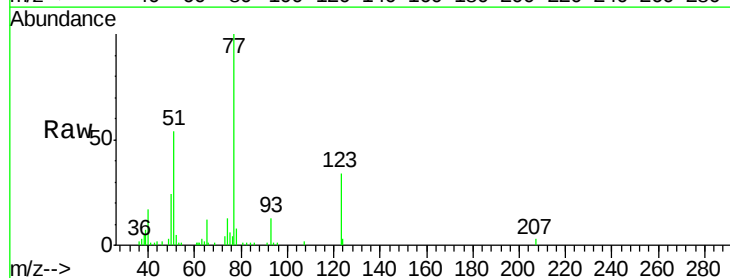
Tgt Ion: 77 Resp: 110295

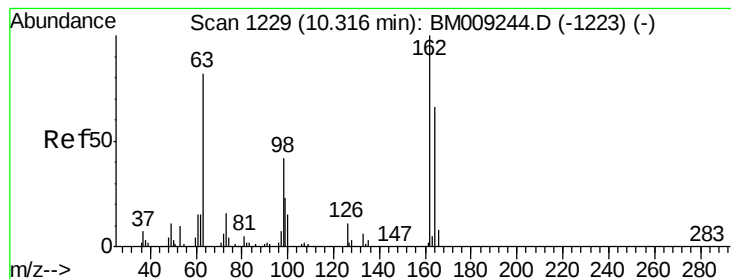
Ion Ratio Lower Upper

77 100

123 33.7 39.0 58.4#

65 12.0 10.4 15.6





#27

2,4-Dichlorophenol

Concen: 1.95 ng/ul

RT: 10.37 min Scan# 1238

Delta R.T. 0.05 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

Instrument :

BNA_M

ClientSampleId :

C0BK1

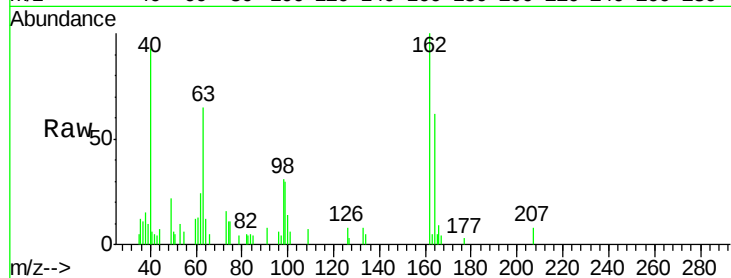
Tot Ion:162 Resp: 16030

Ion Ratio Lower Upper

162 100

164 61.6 52.1 78.1

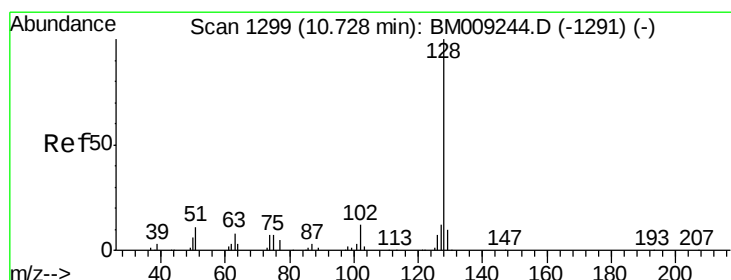
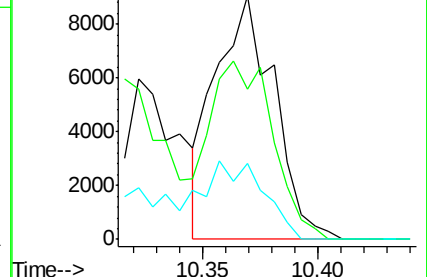
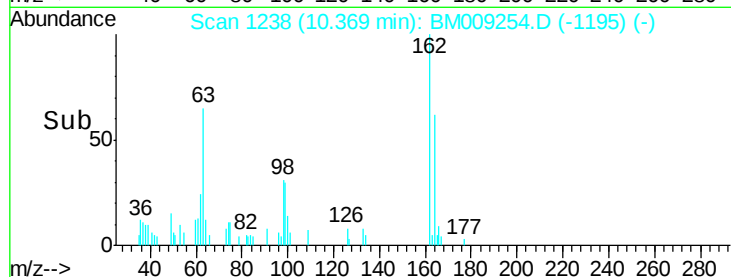
98 31.1 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 4.07 ng/ul

RT: 10.75 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

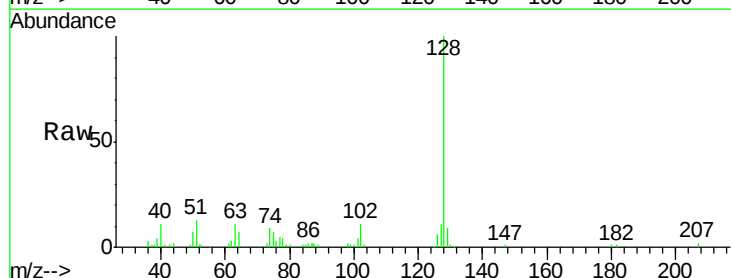
Tgt Ion:128 Resp: 102469

Ion Ratio Lower Upper

128 100

129 8.6 8.8 13.2#

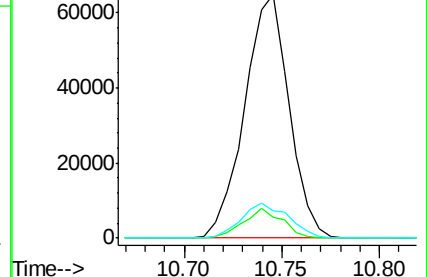
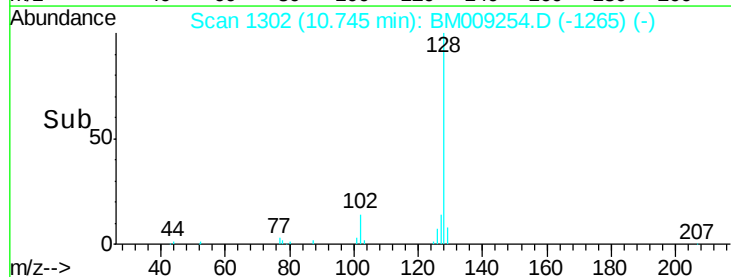
127 11.2 10.5 15.7

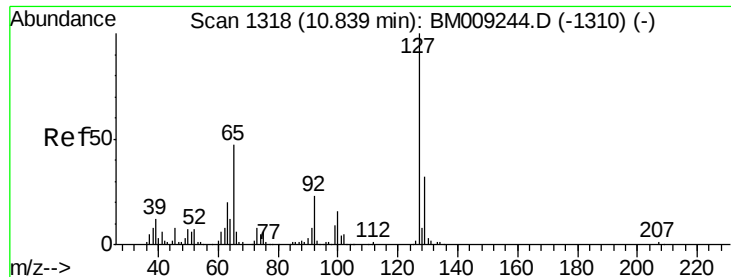


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

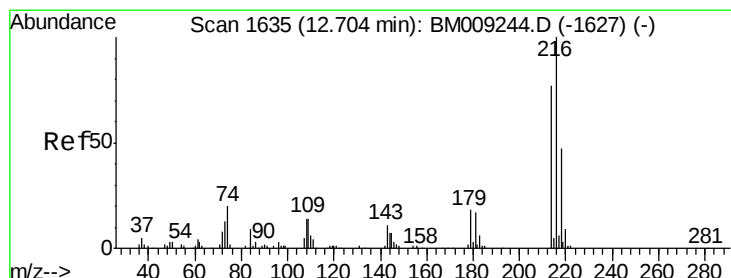
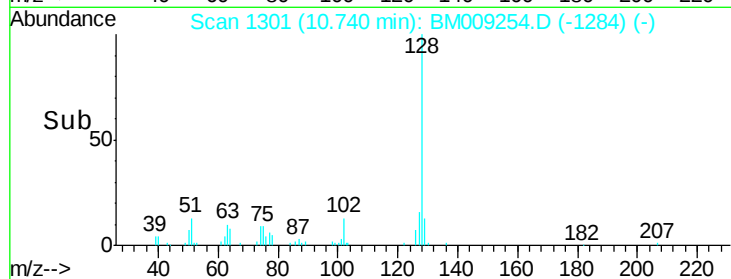
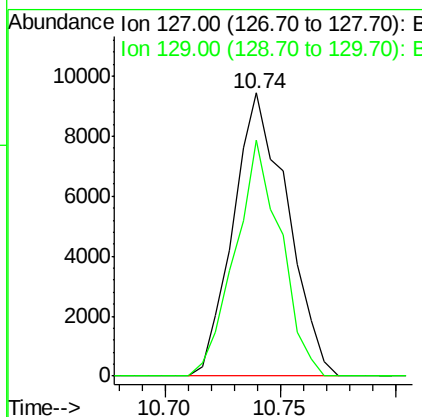
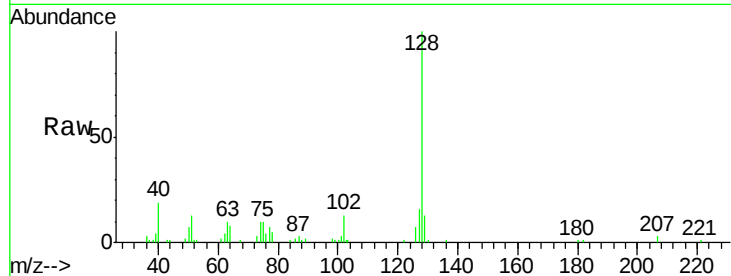




#30
4-Chloroaniline
Concen: 1.47 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. -0.10 min
Lab File: BM009254.D
Acq: 14 Mar 2017 14:10

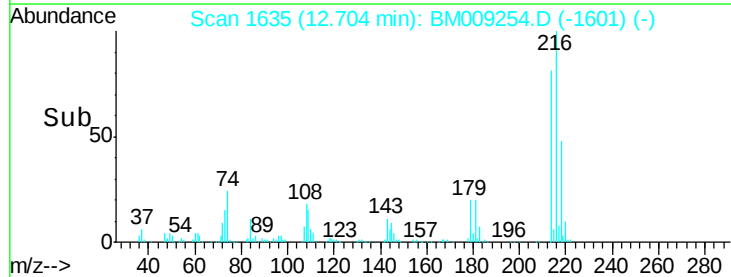
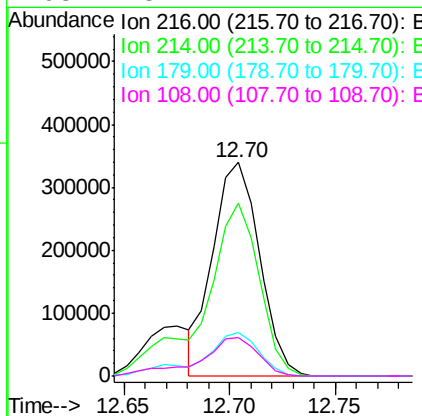
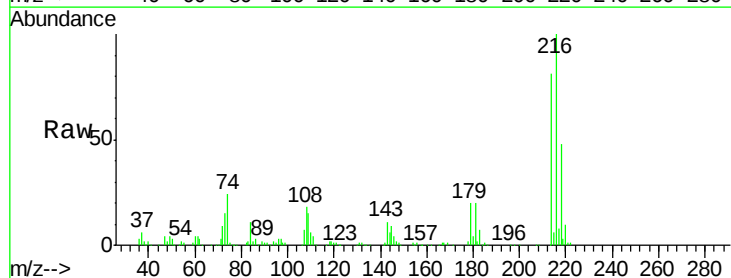
Instrument :
BNA_M
ClientSampled :
C0BK1

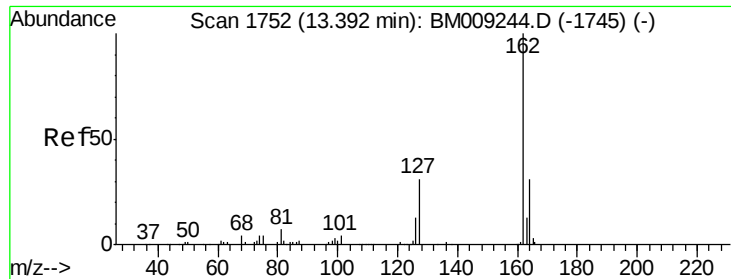
Tot Ion:127 Resp: 15431
Ion Ratio Lower Upper
127 100
129 83.4 25.4 38.2#



#36
1,2,4,5-Tetrachlorobenzene
Concen: 52.71 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM009254.D
Acq: 14 Mar 2017 14:10

Tgt Ion:216 Resp: 521698
Ion Ratio Lower Upper
216 100
214 80.6 62.5 93.7
179 20.5 18.2 27.2
108 18.1 14.2 21.2

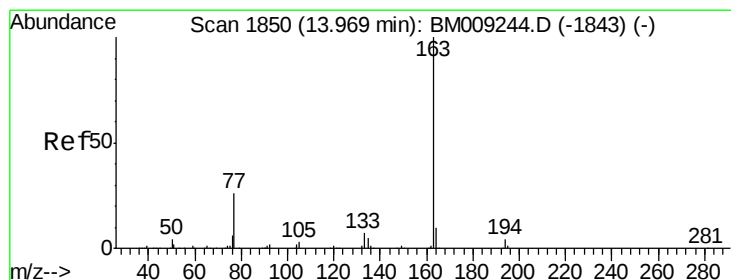
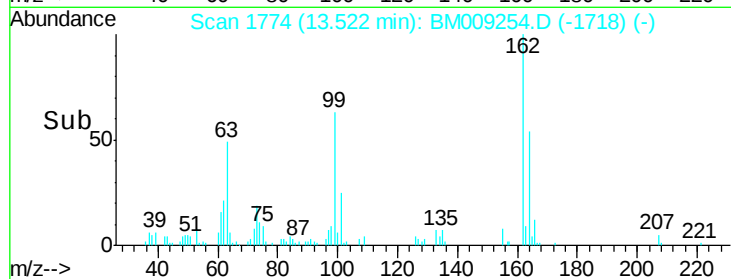
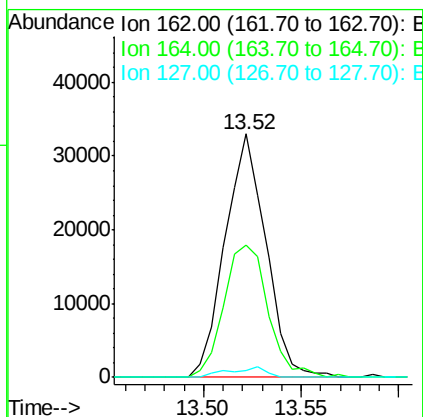
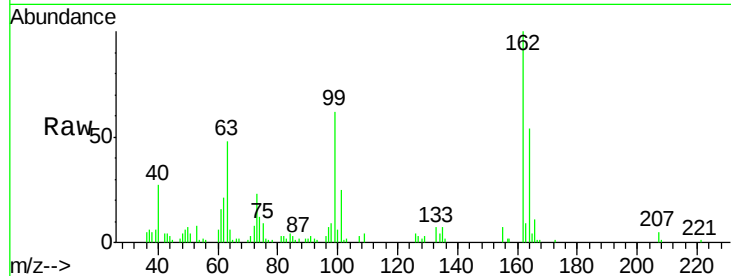




#41
 2-Chloronaphthalene
 Concen: 2.68 ng/ul
 RT: 13.52 min Scan# 1774
 Delta R.T. 0.13 min
 Lab File: BM009254.D
 Acq: 14 Mar 2017 14:10

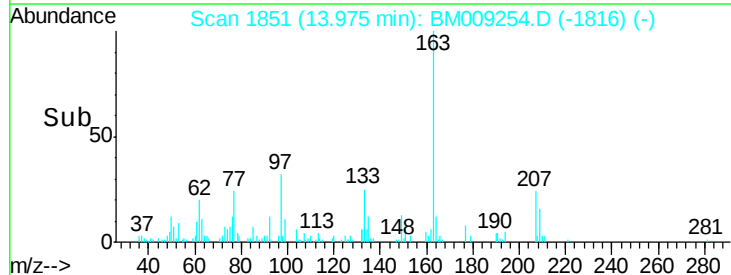
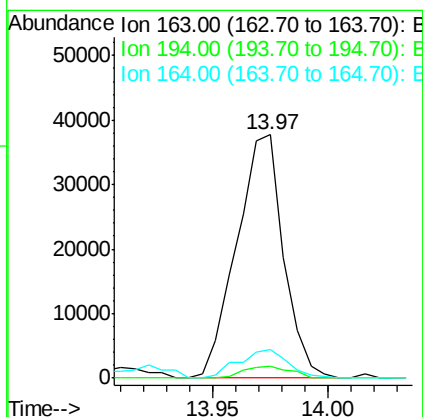
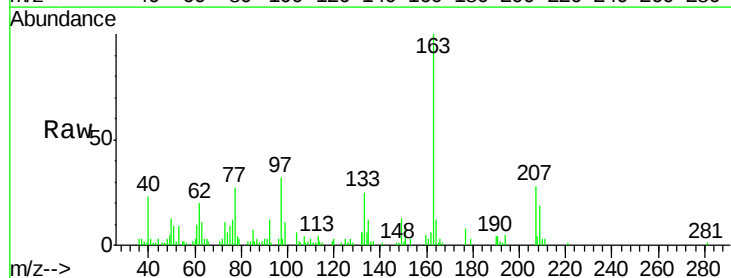
Instrument :
 BNA_M
 ClientSampleId :
 C0BK1

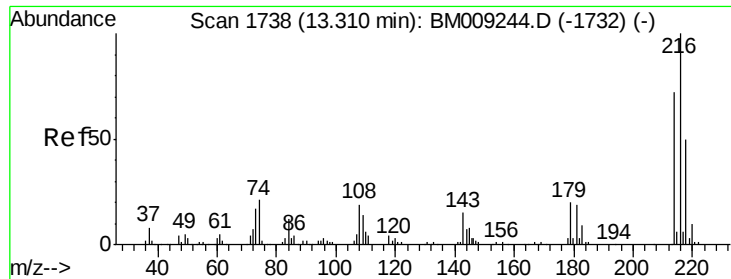
Tot Ion:162 Resp: 47870
 Ion Ratio Lower Upper
 162 100
 164 54.5 25.9 38.9#
 127 3.0 34.1 51.1#



#44
 Dimethylphthalate
 Concen: 2.13 ng/ul
 RT: 13.97 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BM009254.D
 Acq: 14 Mar 2017 14:10

Tgt Ion:163 Resp: 53493
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.2 4.8
 164 11.7 7.8 11.8





#72

1,2,3,4-Tetrachlorobenzene

Concen: 189.79 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

Instrument :

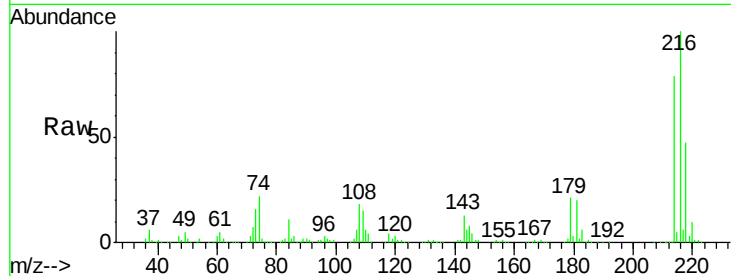
BNA_M

ClientSampleId :

C0BK1

Tot Ion:216 Resp: 1958169

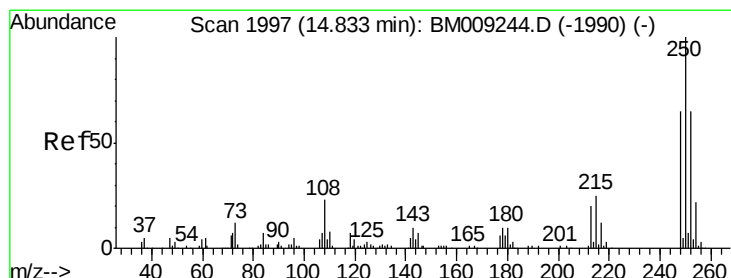
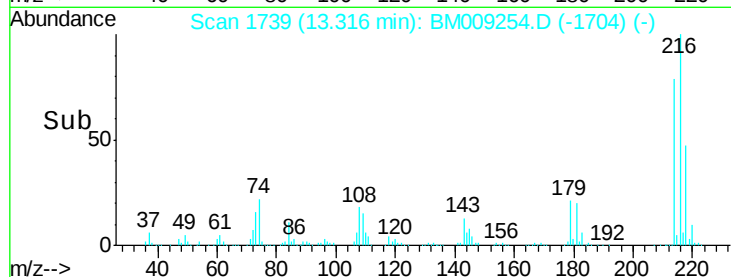
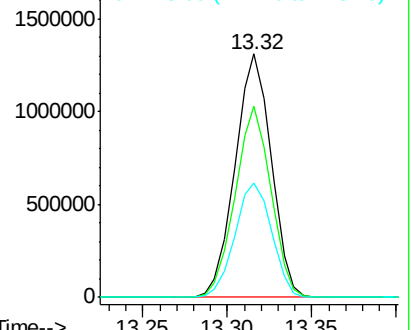
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.5	93.7
218	47.1	38.4	57.6



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



#73

Pentachlorobenzene

Concen: 7.54 ng/uL

RT: 14.83 min Scan# 1996

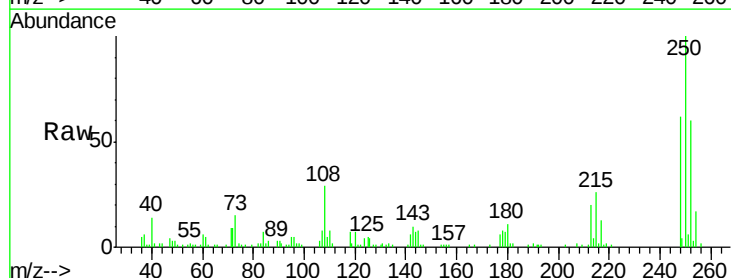
Delta R.T. -0.01 min

Lab File: BM009254.D

Acq: 14 Mar 2017 14:10

Tgt Ion:250 Resp: 83477

Ion	Ratio	Lower	Upper
250	100		
248	65.4	50.6	75.8
252	60.1	51.4	77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

