

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009401.D
 Acq On : 25 Mar 2017 03:49
 Operator : SJ/MA
 Sample : I2358-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Quant Time: Mar 25 04:27:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 01:48:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	216698	20.00	ng/ul	0.08
18) Naphthalene-d8	10.68	136	672612	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	375740	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	845621	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1127050	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	1057575	20.00	ng/ul	0.00

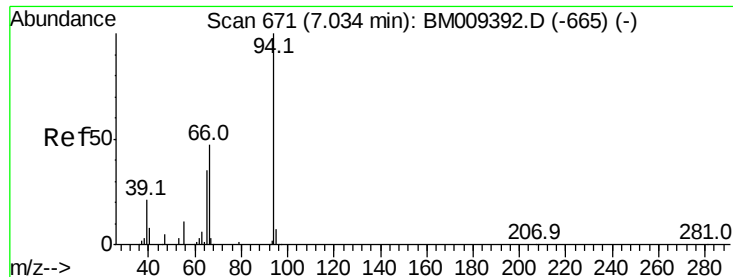
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	756	0.13	ng/uL	0.04
5) Phenol-d5	7.02	99	89606	4.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	323288	23.14	ng/ul	0.03
9) 2-Chlorophenol-d4	7.39	132	254012	19.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	181347	12.40	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	171907	34.77	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	182083	33.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	310138	29.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	14150	1.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1117297	42.28	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1347999	40.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	34284	7.04	ng/ul	0.00
57) Fluorene-d10	15.49	176	967788	39.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	171824	32.15	ng/ul	0.00
70) Anthracene-d10	17.24	188	845621	20.97	ng/ul	-0.10
78) Pyrene-d10	19.63	212	1851388	38.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1879474	38.59	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.05	94	31482	1.50	ng/ul#	81
10) 2-Chlorophenol	7.43	128	83146	5.92	ng/ul#	70
11) 2-Methylphenol	8.32	108	1314631	90.63	ng/ul	92
17) Hexachloroethane	8.95	117	9731	1.44	ng/ul	90
20) Nitrobenzene	9.07	77	2135645	128.12	ng/ul#	82
23) 2-Nitrophenol	9.77	139	47994	8.46	ng/ul#	62
27) 2,4-Dichlorophenol	10.45	162	43442	4.11	ng/ul	95
30) 4-Chloroaniline	10.78	127	39193	3.06	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	437918	34.69	ng/ul	98
41) 2-Chloronaphthalene	13.50	162	52031	2.41	ng/ul#	37
45) 2,6-Dinitrotoluene	13.91	165	6701	1.32	ng/ul#	50
52) 4-Nitrophenol	14.70	109	14617	2.56	ng/ul#	74
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	1507556	121.26	ng/uL	100

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



#6

Phenol

Concen: 1.50 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. 0.01 min

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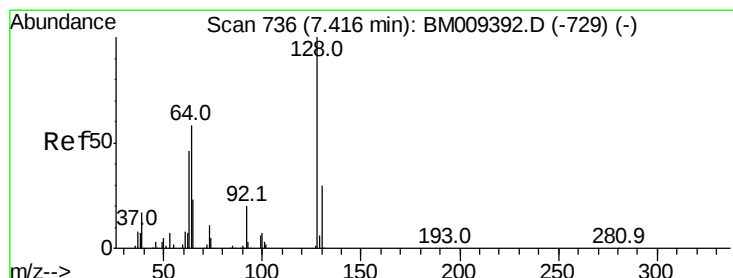
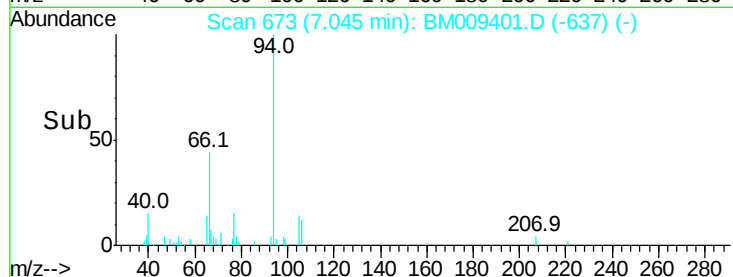
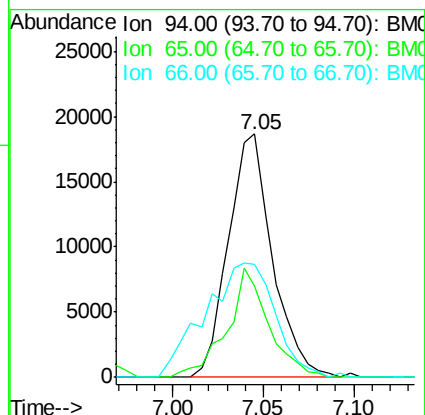
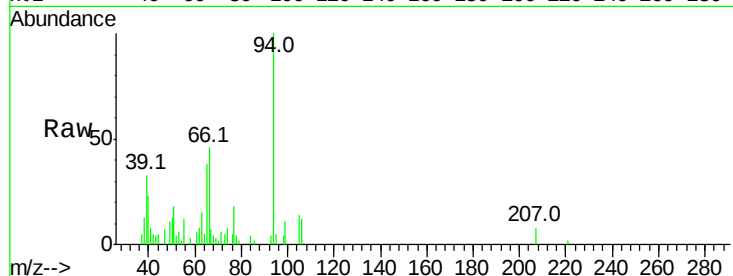
Tot Ion: 94 Resp: 31482

Ion Ratio Lower Upper

94 100

65 37.6 21.0 31.6#

66 46.4 29.3 43.9#



#10

2-Chlorophenol

Concen: 5.92 ng/ul

RT: 7.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

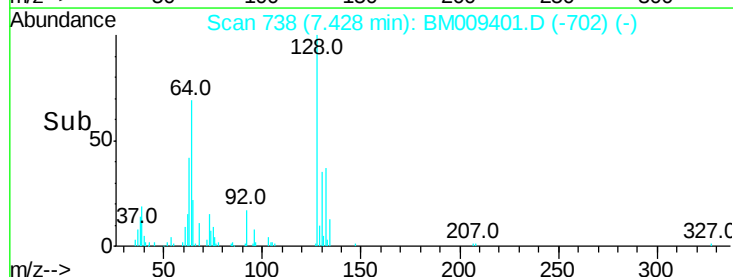
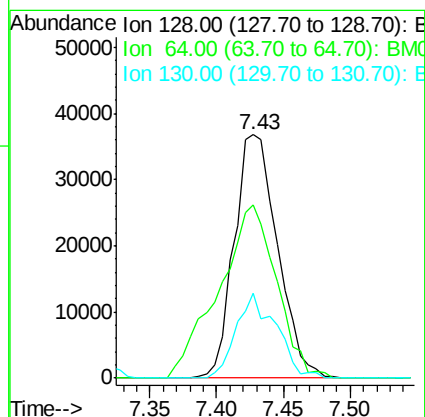
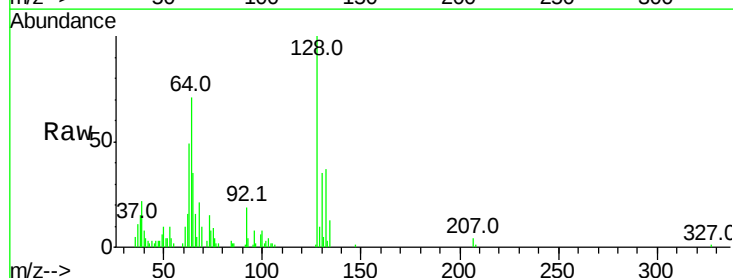
Tgt Ion: 128 Resp: 83146

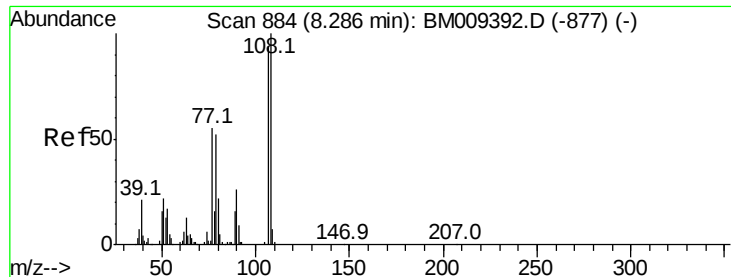
Ion Ratio Lower Upper

128 100

64 71.2 31.9 47.9#

130 34.7 25.6 38.4





#11

2-Methylphenol

Concen: 90.63 ng/ul

RT: 8.32 min Scan# 890

Delta R.T. 0.04 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

Instrument :

BNA_M

ClientSampleId :

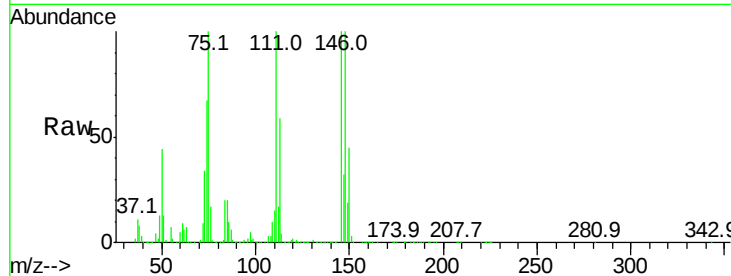
C0BM9

Tot Ion:108 Resp: 1314631

Ion Ratio Lower Upper

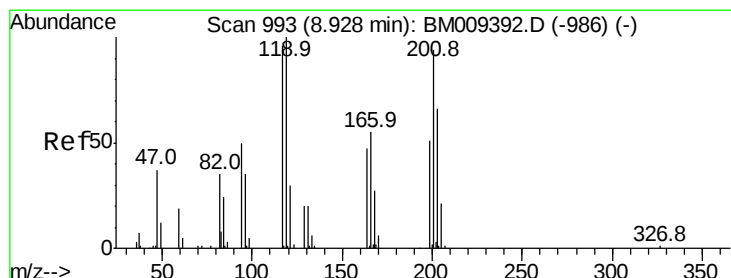
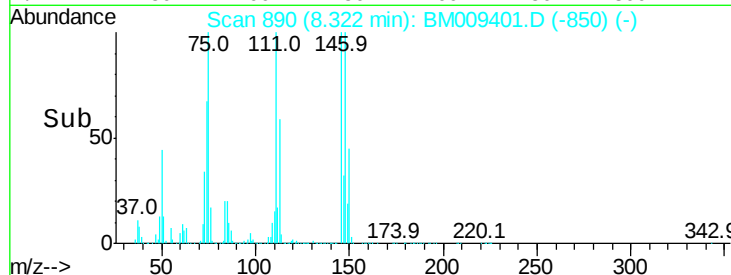
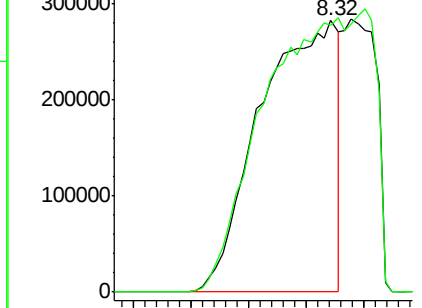
108 100

107 98.2 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 1.44 ng/ul

RT: 8.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

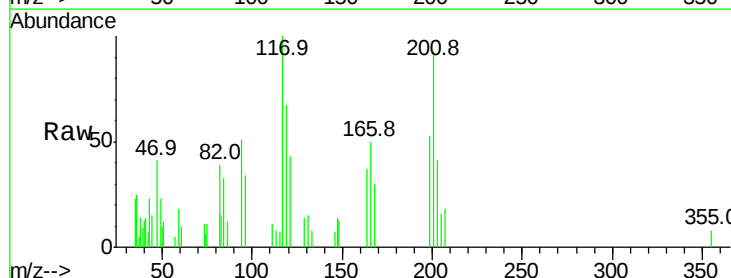
Tgt Ion:117 Resp: 9731

Ion Ratio Lower Upper

117 100

201 93.2 81.5 122.3

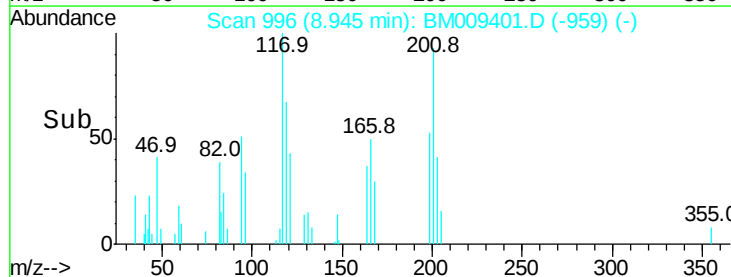
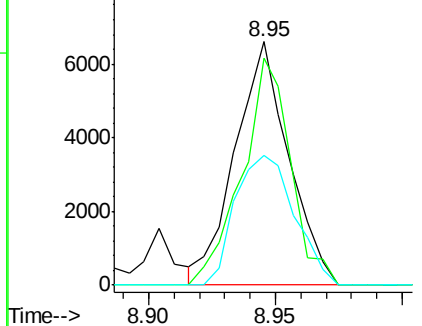
199 53.4 50.6 76.0

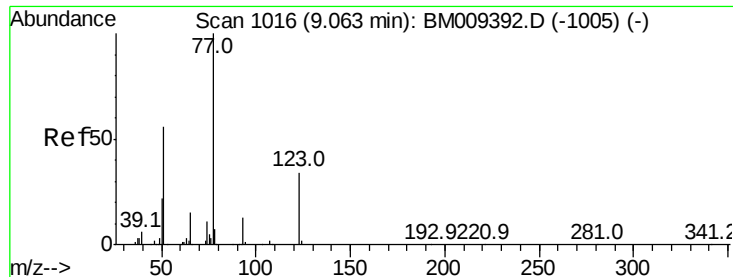


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

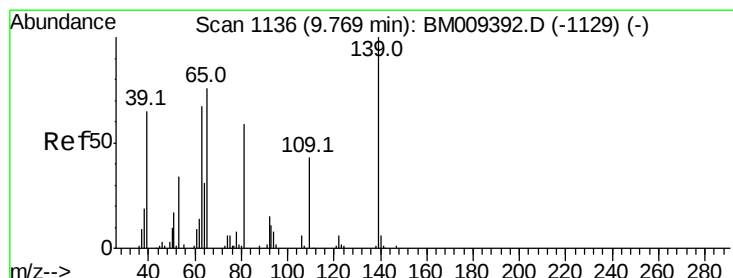
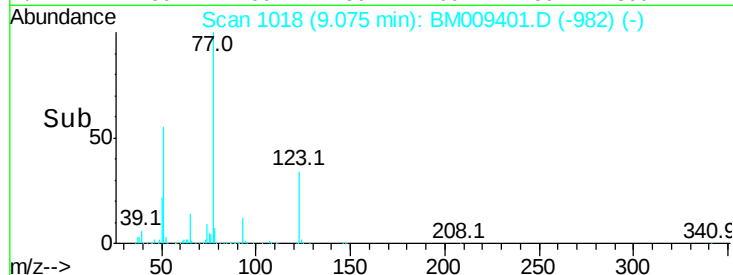
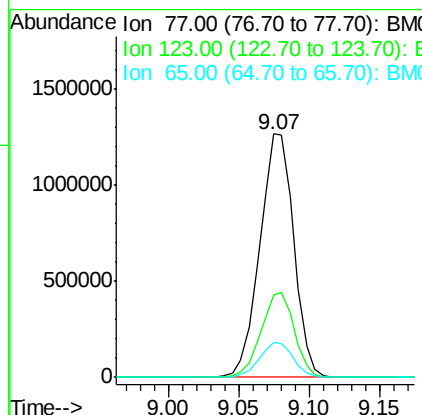
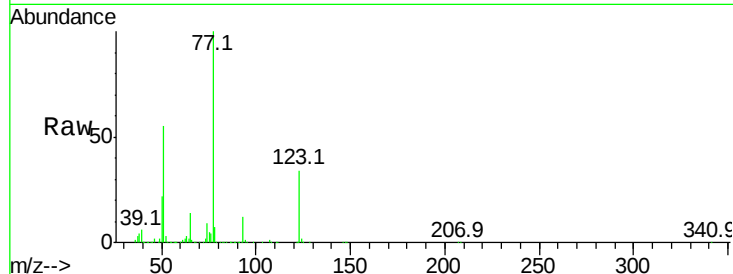




#20
Nitrobenzene
Concen: 128.12 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

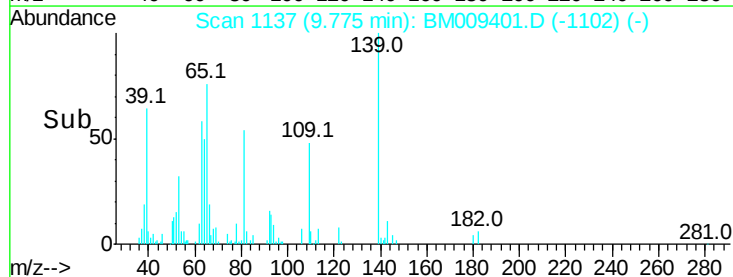
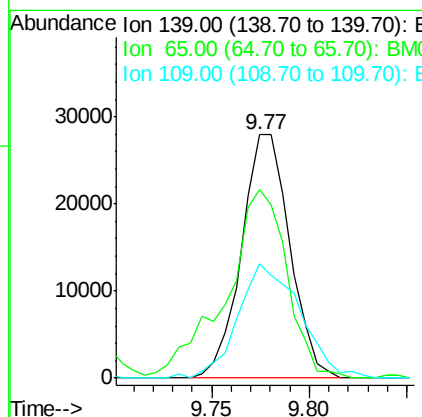
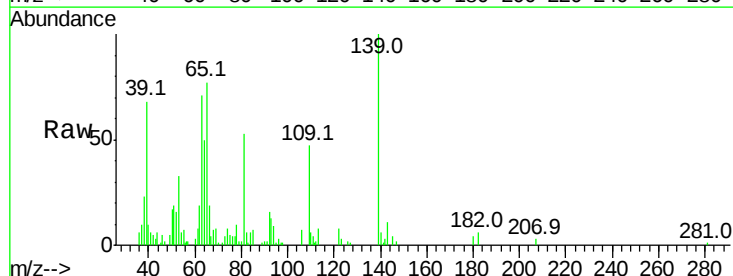
Instrument :
BNA_M
ClientSampleId :
C0BM9

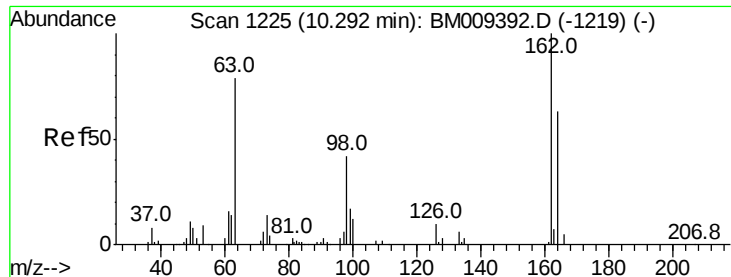
Tot Ion: 77 Resp: 2135645
Ion Ratio Lower Upper
77 100
123 33.9 39.0 58.4#
65 14.2 10.4 15.6



#23
2-Nitrophenol
Concen: 8.46 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Tgt Ion: 139 Resp: 47994
Ion Ratio Lower Upper
139 100
65 77.3 36.3 54.5#
109 46.9 26.4 39.6#

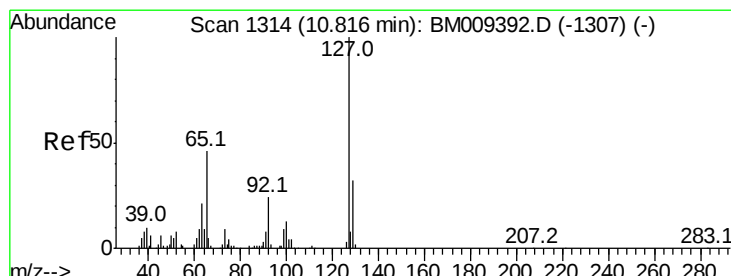
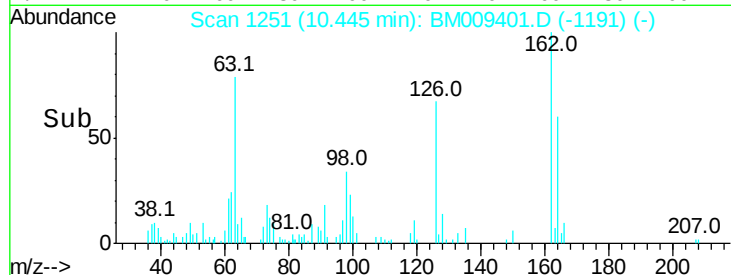
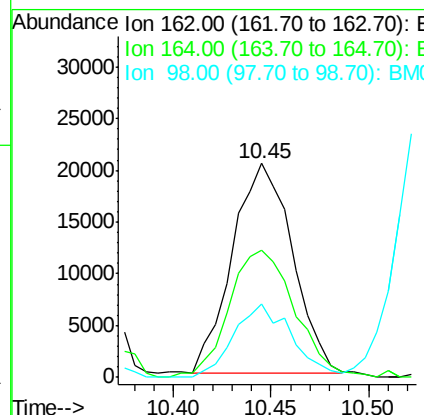
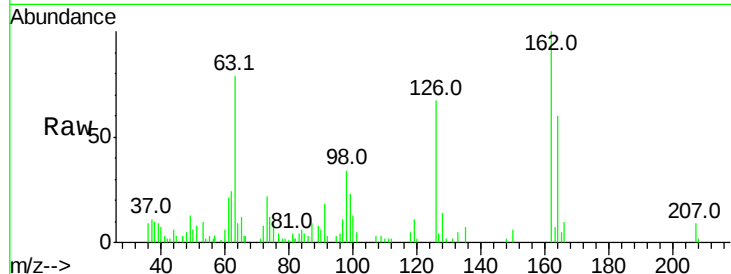




#27
2,4-Dichlorophenol
Concen: 4.11 ng/ul
RT: 10.45 min Scan# 1251
Delta R.T. 0.15 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

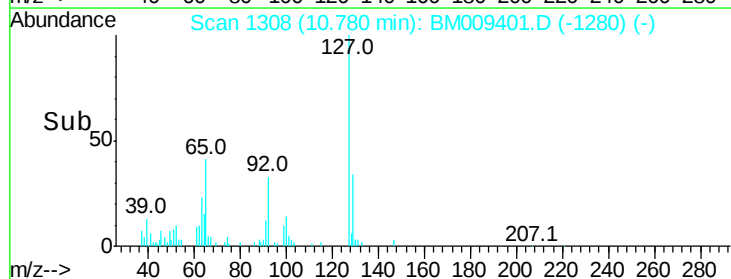
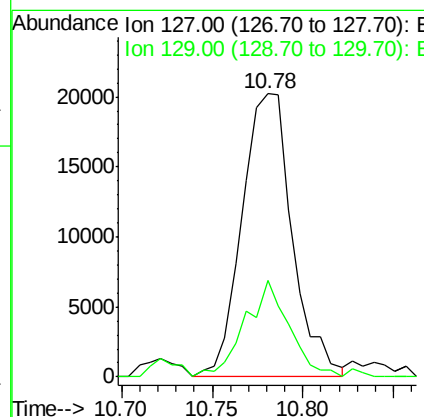
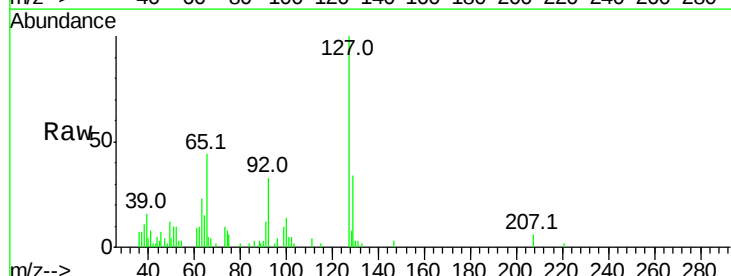
Instrument :
BNA_M
ClientSampleId :
C0BM9

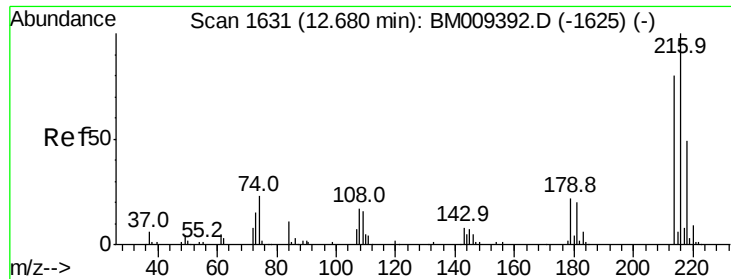
Tot Ion:162 Resp: 43442
Ion Ratio Lower Upper
162 100
164 59.7 52.1 78.1
98 34.1 28.4 42.6



#30
4-Chloroaniline
Concen: 3.06 ng/ul
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Tgt Ion:127 Resp: 39193
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.2

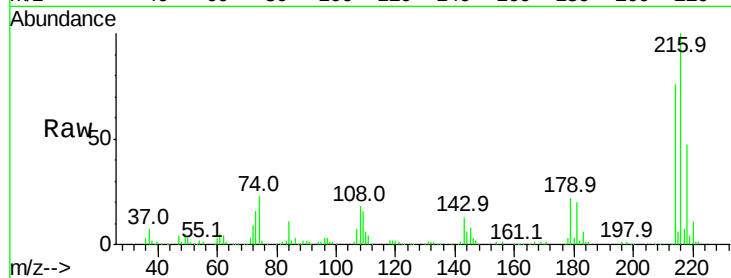




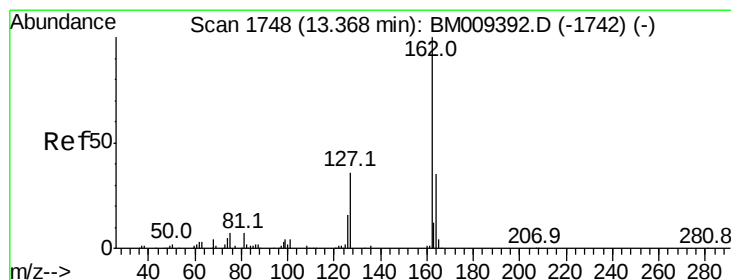
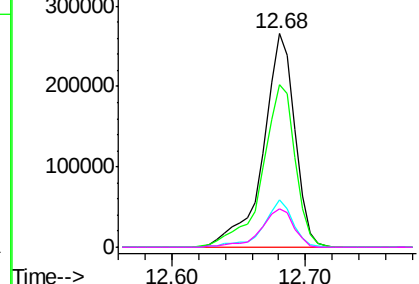
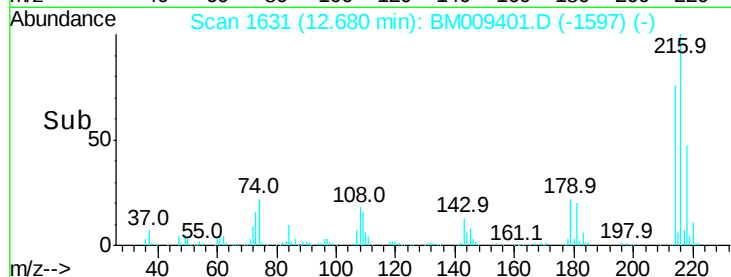
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.69 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM009401.D
 Acq: 25 Mar 2017 03:49

Instrument :
 BNA_M
 ClientSampleId :
 C0BM9

Tot Ion:	216	Resp:	437918
Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
179	22.2	18.2	27.2
108	18.1	14.2	21.2

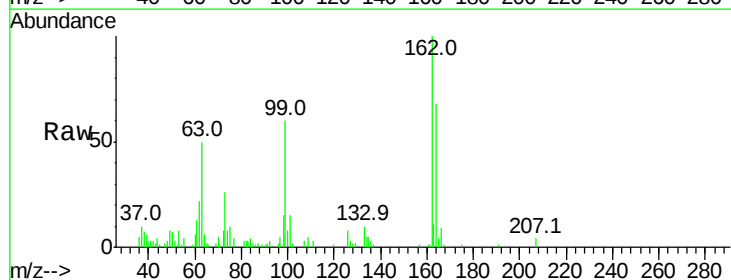


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

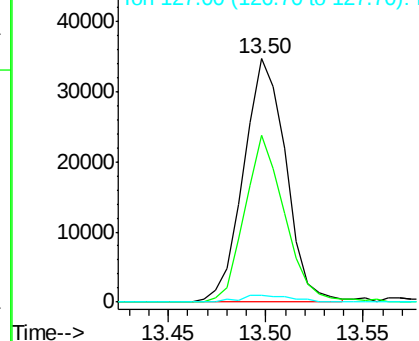
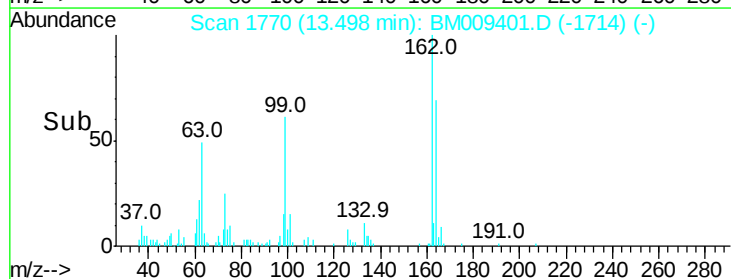


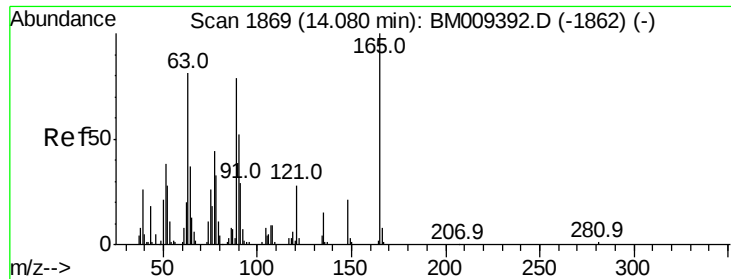
#41
 2-Chloronaphthalene
 Concen: 2.41 ng/ul
 RT: 13.50 min Scan# 1770
 Delta R.T. 0.13 min
 Lab File: BM009401.D
 Acq: 25 Mar 2017 03:49

Tgt Ion:	162	Resp:	52031
Ion	Ratio	Lower	Upper
162	100		
164	68.4	25.9	38.9#
127	3.0	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

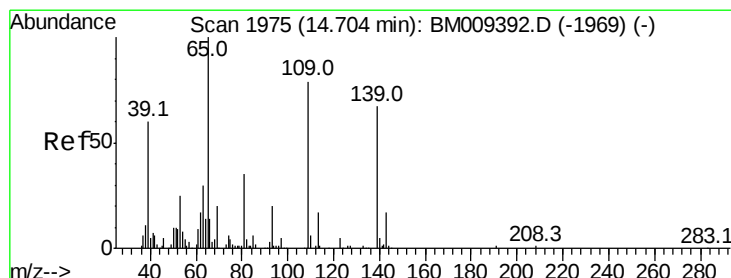
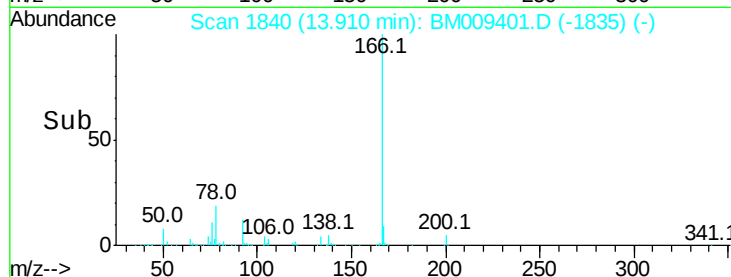
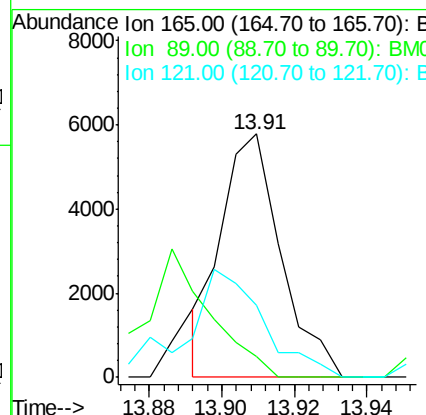
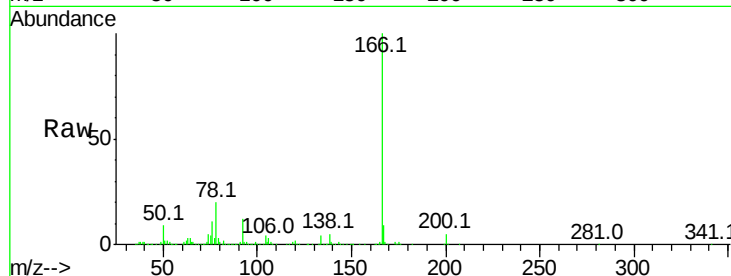




#45
2,6-Dinitrotoluene
Concen: 1.32 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. -0.17 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

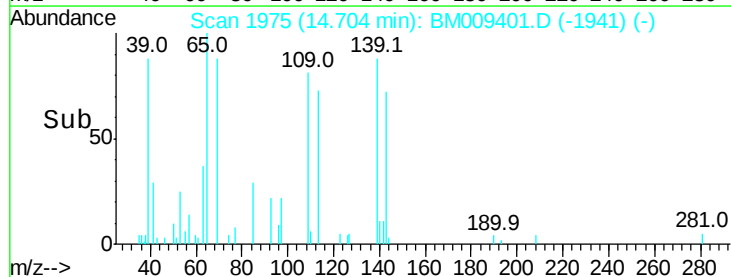
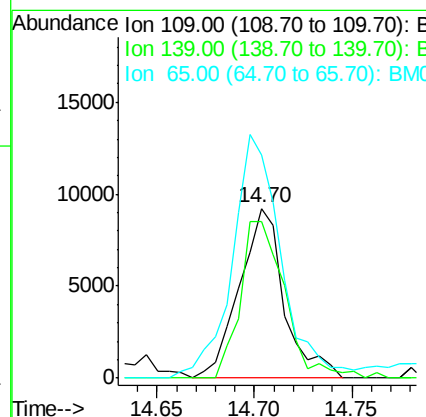
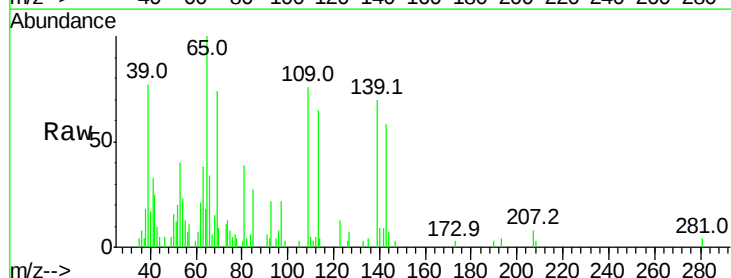
Instrument :
BNA_M
ClientSampleId :
C0BM9

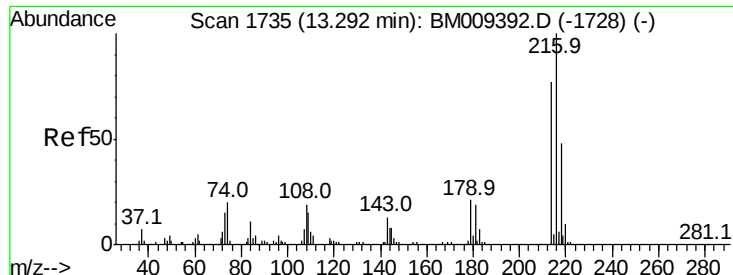
Tot Ion:165 Resp: 6701
Ion Ratio Lower Upper
165 100
89 8.8 42.4 63.6#
121 29.4 16.6 24.8#



#52
4-Nitrophenol
Concen: 2.56 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM009401.D
Acq: 25 Mar 2017 03:49

Tgt Ion:109 Resp: 14617
Ion Ratio Lower Upper
109 100
139 92.4 103.7 155.5#
65 131.2 89.4 134.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 121.26 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM009401.D

Acq: 25 Mar 2017 03:49

Instrument :

BNA_M

ClientSampleId :

C0BM9

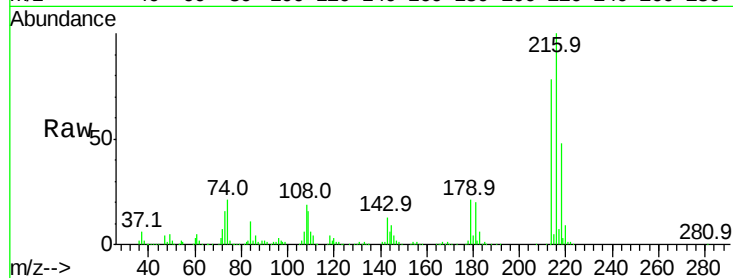
Tot Ion:216 Resp: 1507556

Ion Ratio Lower Upper

216 100

214 78.0 62.5 93.7

218 48.1 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

