

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009400.D
 Acq On : 25 Mar 2017 03:13
 Operator : SJ/MA
 Sample : I2358-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK5

Quant Time: Mar 25 04:27:06 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	215920	20.00	ng/ul	0.08
18) Naphthalene-d8	10.67	136	645948	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	365197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	804664	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1038125	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	964140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	17448	3.08	ng/uL	0.00
5) Phenol-d5	7.02	99	83511	4.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	293488	21.08	ng/ul	0.03
9) 2-Chlorophenol-d4	7.40	132	231916	17.64	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	171321	11.75	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	155640	32.78	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	173948	33.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	299405	29.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	10347	0.89	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1180483	45.96	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1359225	42.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	41258	8.71	ng/ul	0.00
57) Fluorene-d10	15.49	176	1000700	42.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	185146	36.40	ng/ul	0.00
70) Anthracene-d10	17.34	188	1631867	42.52	ng/ul	0.00
78) Pyrene-d10	19.63	212	1929243	43.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1913871	43.10	ng/ul	0.00

Target Compounds

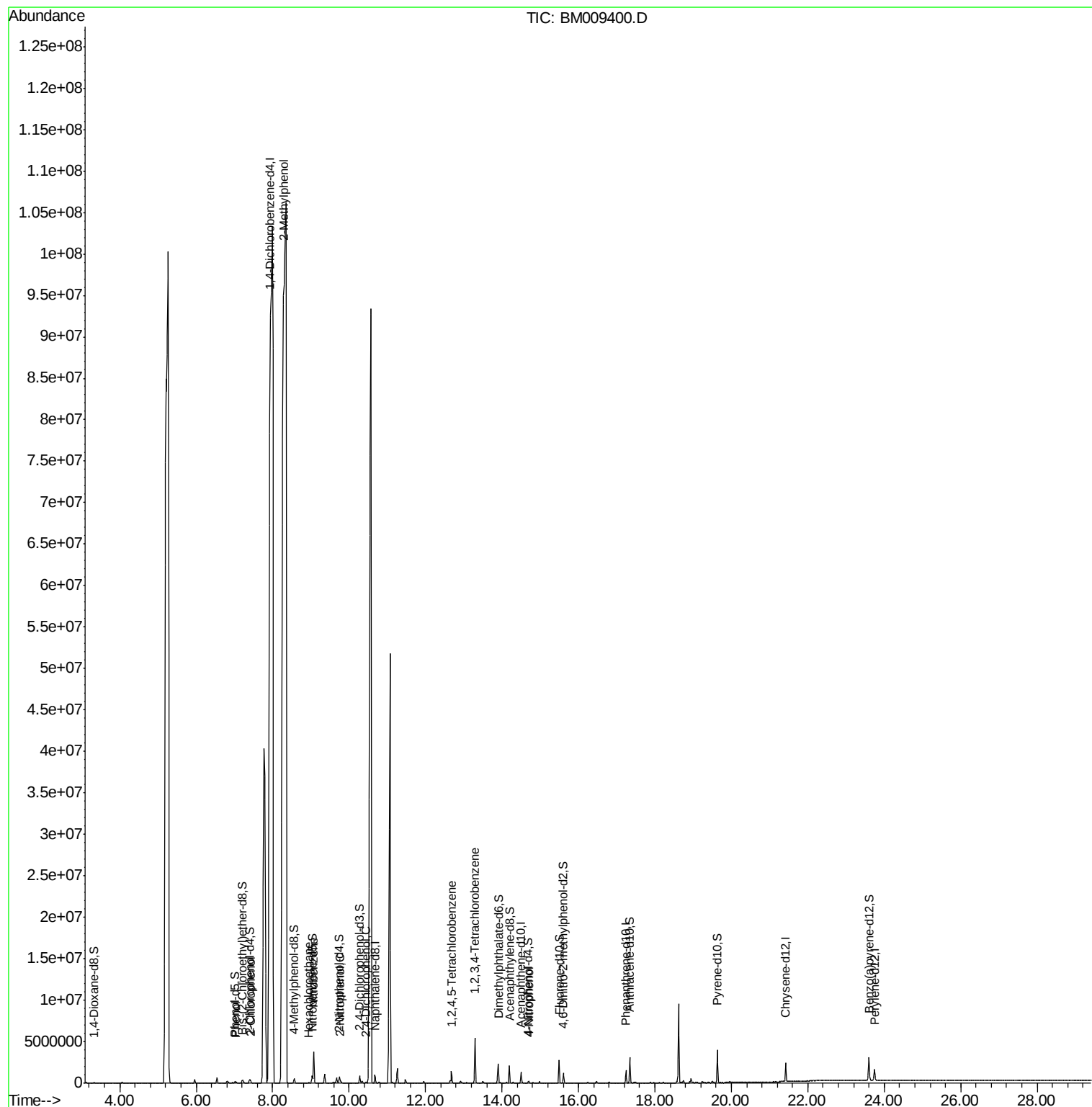
						Ovalue
6) Phenol	7.04	94	30746	1.47	ng/ul#	72
10) 2-Chlorophenol	7.43	128	76780	5.49	ng/ul#	77
11) 2-Methylphenol	8.29	108	831475	57.53	ng/ul	90
17) Hexachloroethane	8.95	117	9076	1.34	ng/ul#	80
20) Nitrobenzene	9.07	77	2041405	127.52	ng/ul#	82
23) 2-Nitrophenol	9.77	139	47506	8.72	ng/ul#	67
27) 2,4-Dichlorophenol	10.45	162	44559	4.39	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	413862	33.73	ng/ul	98
52) 4-Nitrophenol	14.70	109	16596	2.99	ng/ul#	74
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	1524622	128.88	ng/uL	99

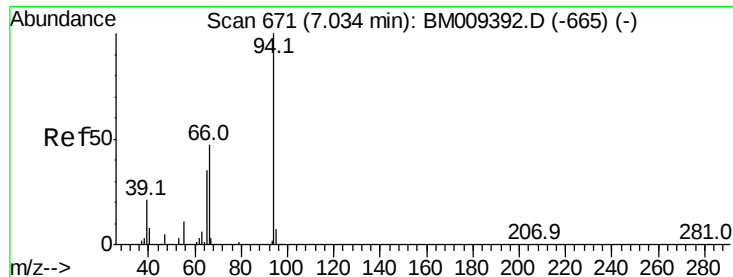
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.47 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. 0.01 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Instrument :

BNA_M

ClientSampleId :

C0BK5

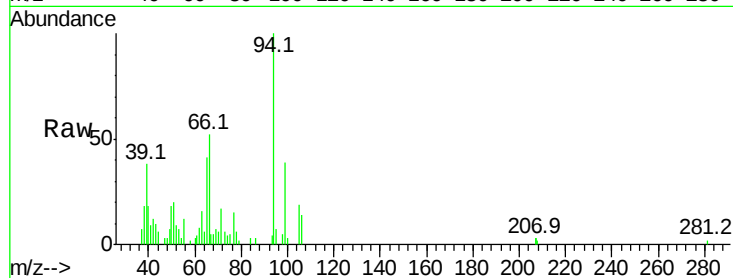
Tot Ion: 94 Resp: 30746

Ion Ratio Lower Upper

94 100

65 41.5 21.0 31.6#

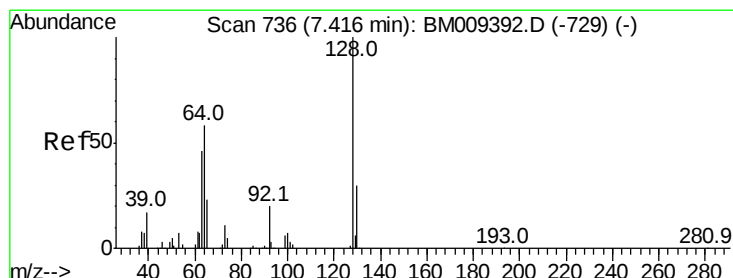
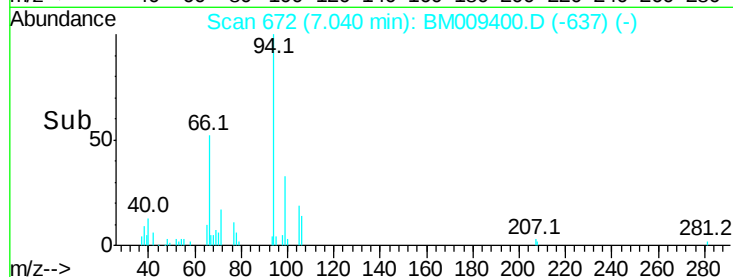
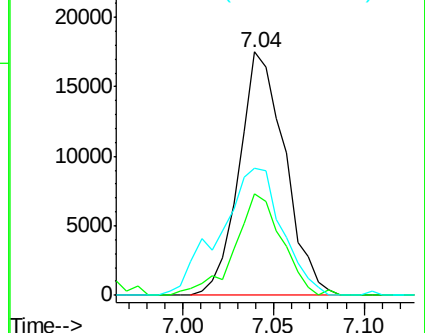
66 52.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009400.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM009400.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM009400.D (-637) (-)



#10

2-Chlorophenol

Concen: 5.49 ng/ul

RT: 7.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

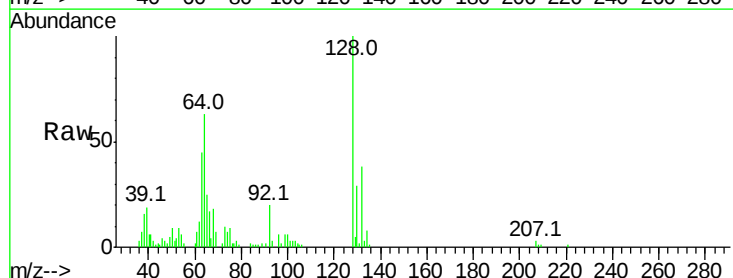
Tgt Ion:128 Resp: 76780

Ion Ratio Lower Upper

128 100

64 63.3 31.9 47.9#

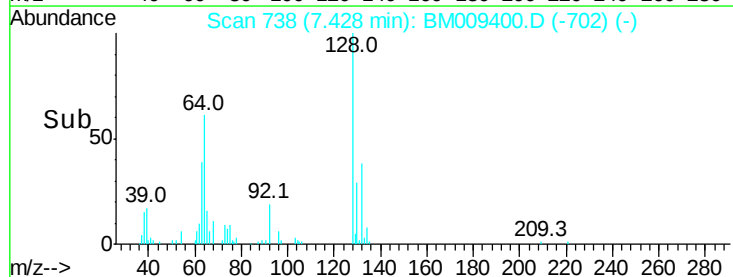
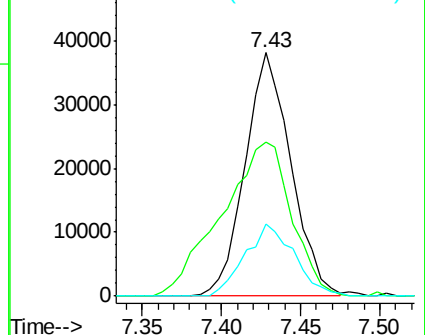
130 29.5 25.6 38.4

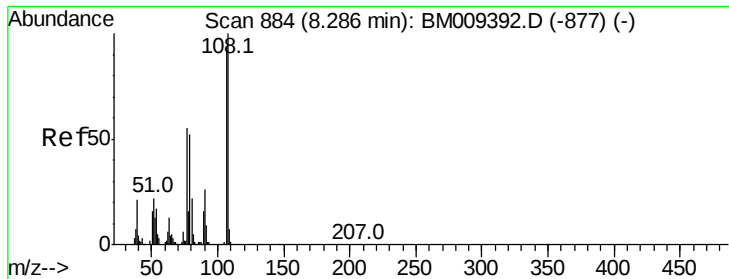


Abundance Ion 128.00 (127.70 to 128.70): BM009400.D (-702) (-)

Ion 64.00 (63.70 to 64.70): BM009400.D (-702) (-)

Ion 130.00 (129.70 to 130.70): BM009400.D (-702) (-)

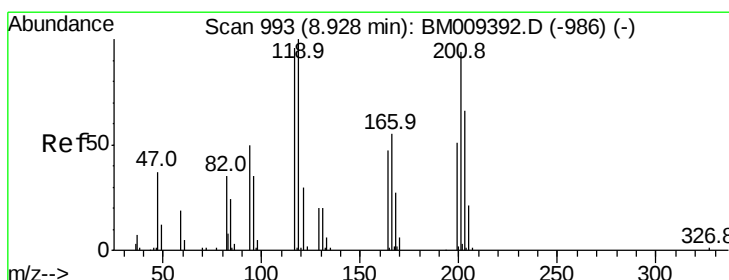
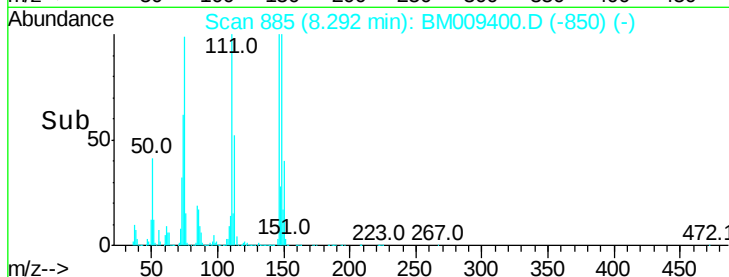
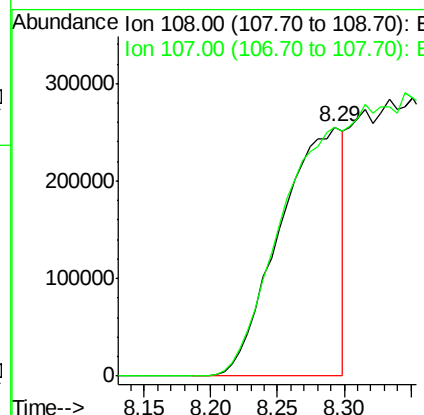
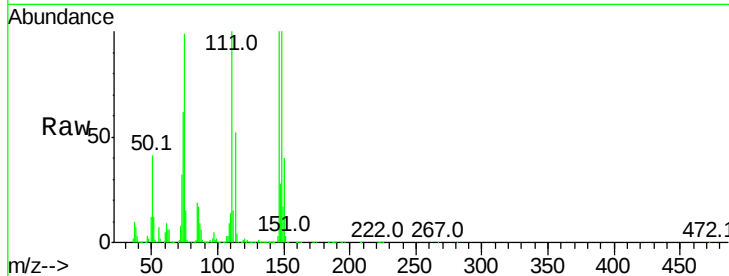




#11
2-Methylphenol
Concen: 57.53 ng/ul
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

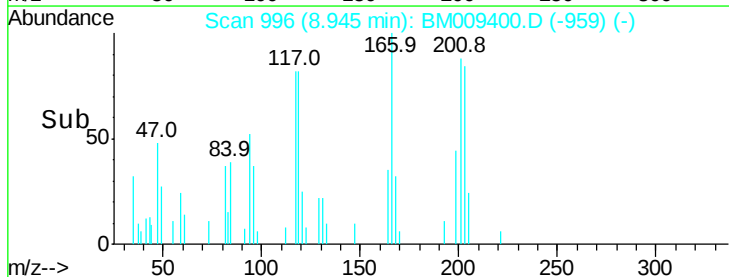
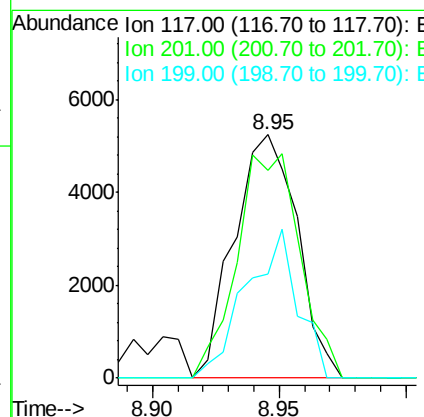
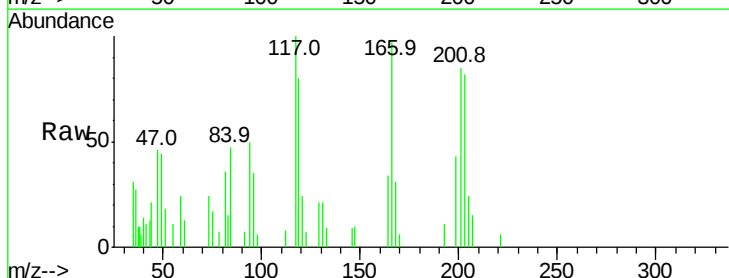
Instrument :
BNA_M
ClientSampleId :
C0BK5

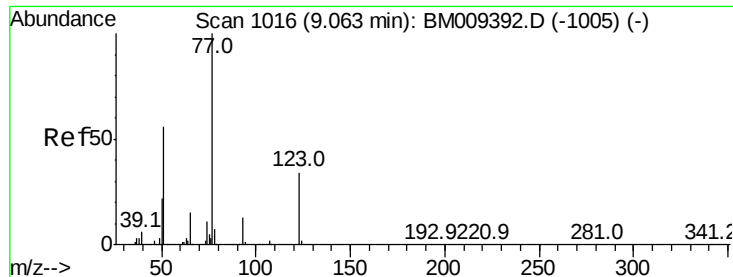
Tot Ion:108 Resp: 831475
Ion Ratio Lower Upper
108 100
107 99.7 72.4 108.6



#17
Hexachloroethane
Concen: 1.34 ng/ul
RT: 8.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

Tgt Ion:117 Resp: 9076
Ion Ratio Lower Upper
117 100
201 85.1 81.5 122.3
199 43.0 50.6 76.0#

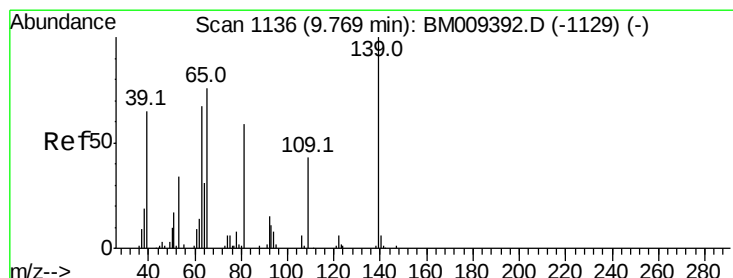
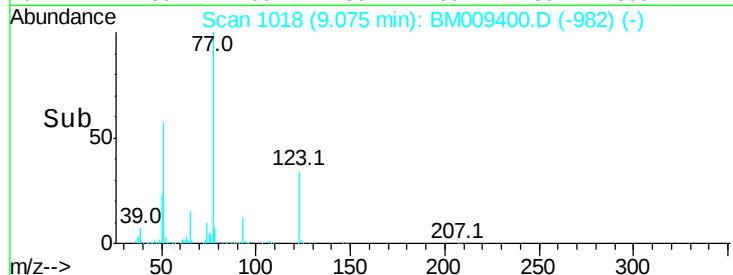
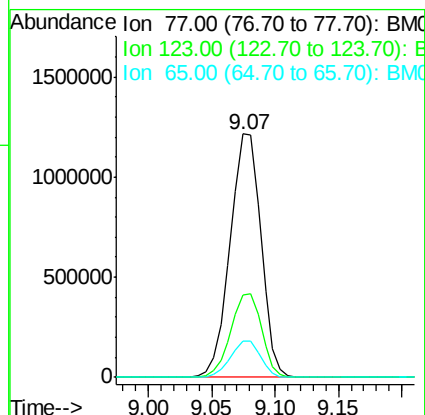
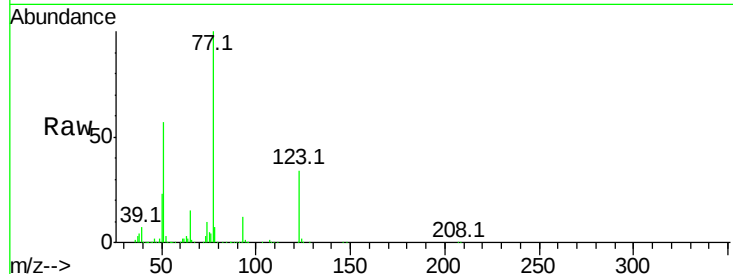




#20
Nitrobenzene
Concen: 127.52 ng/ul
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

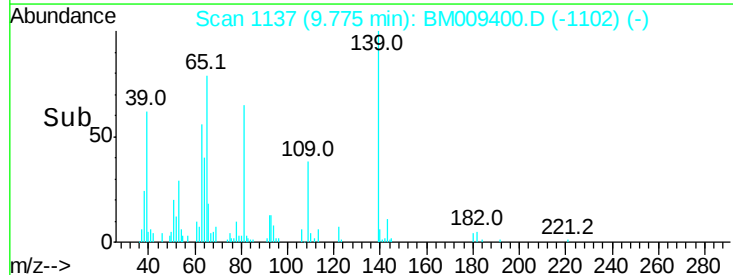
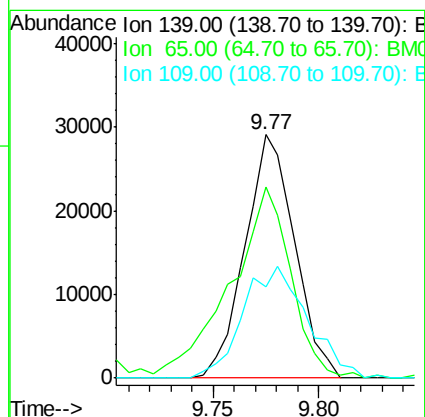
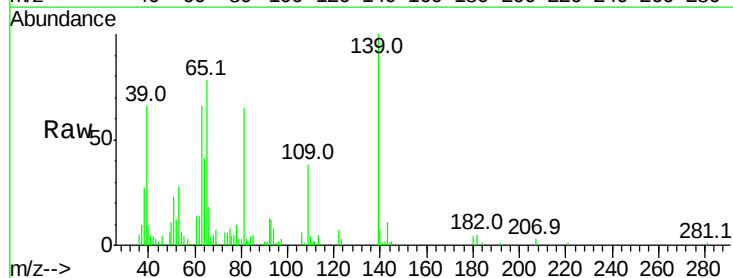
Instrument :
BNA_M
ClientSampleId :
C0BK5

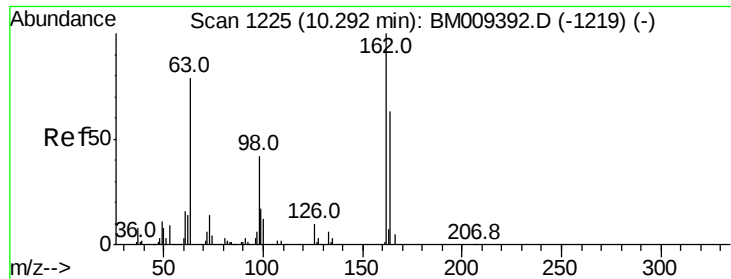
Tot Ion: 77 Resp: 2041405
Ion Ratio Lower Upper
77 100
123 33.7 39.0 58.4#
65 15.1 10.4 15.6



#23
2-Nitrophenol
Concen: 8.72 ng/ul
RT: 9.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM009400.D
Acq: 25 Mar 2017 03:13

Tgt Ion: 139 Resp: 47506
Ion Ratio Lower Upper
139 100
65 78.3 36.3 54.5#
109 37.6 26.4 39.6

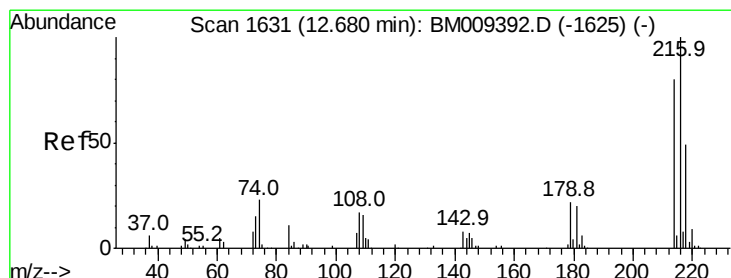
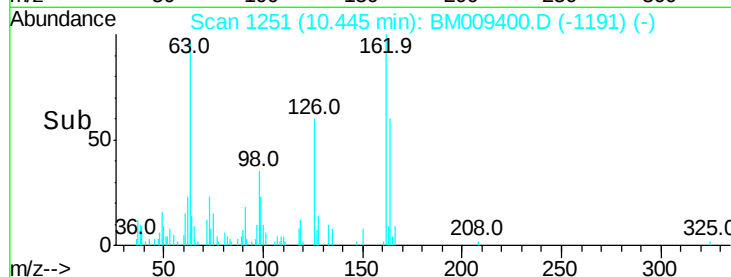
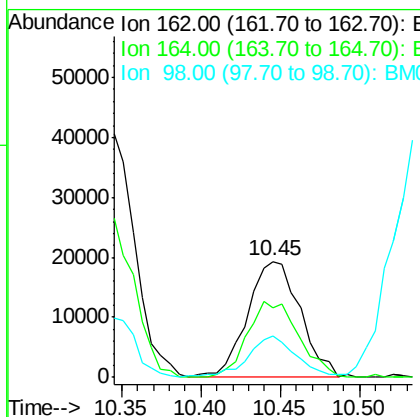
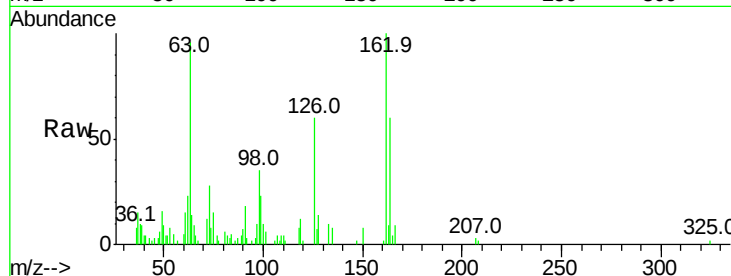




#27
 2,4-Dichlorophenol
 Concen: 4.39 ng/ul
 RT: 10.45 min Scan# 1251
 Delta R.T. 0.15 min
 Lab File: BM009400.D
 Acq: 25 Mar 2017 03:13

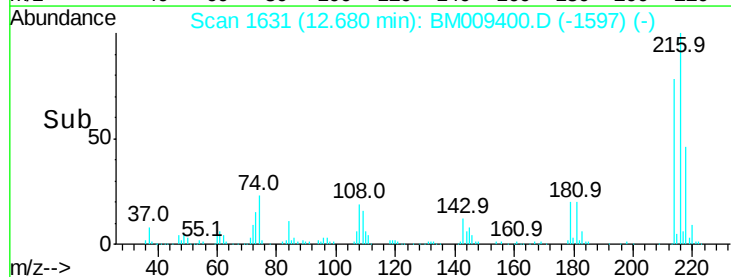
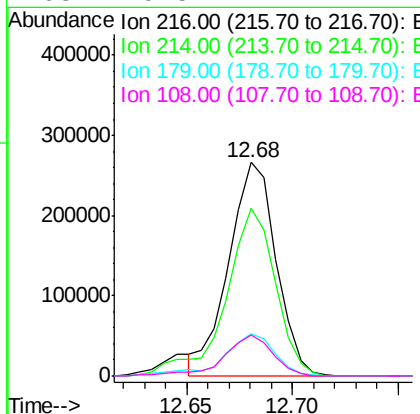
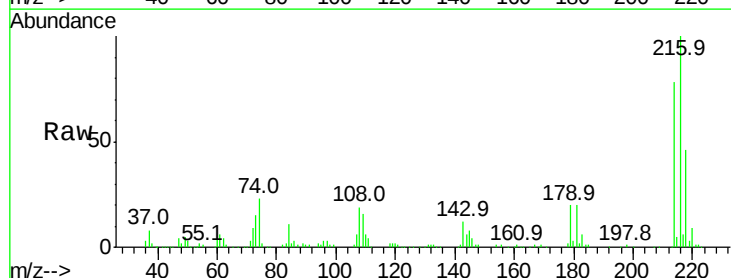
Instrument :
 BNA_M
 ClientSampleId :
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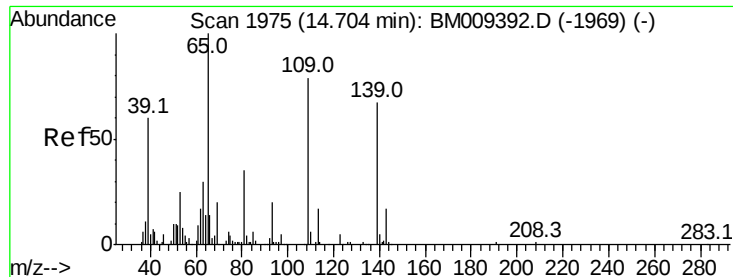
Tot Ion:162 Resp: 44559
 Ion Ratio Lower Upper
 162 100
 164 60.1 52.1 78.1
 98 35.4 28.4 42.6



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.73 ng/ul
 RT: 12.68 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BM009400.D
 Acq: 25 Mar 2017 03:13

Tgt Ion:216 Resp: 413862
 Ion Ratio Lower Upper
 216 100
 214 78.2 62.5 93.7
 179 19.7 18.2 27.2
 108 19.5 14.2 21.2





#52

4-Nitrophenol

Concen: 2.99 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Instrument :

BNA_M

ClientSampleId :

C0BK5

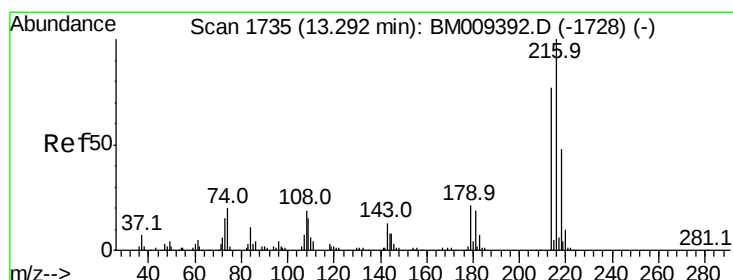
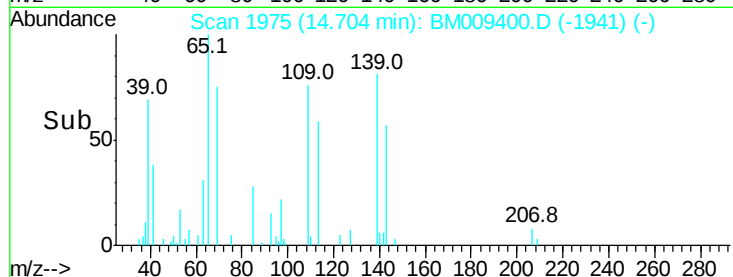
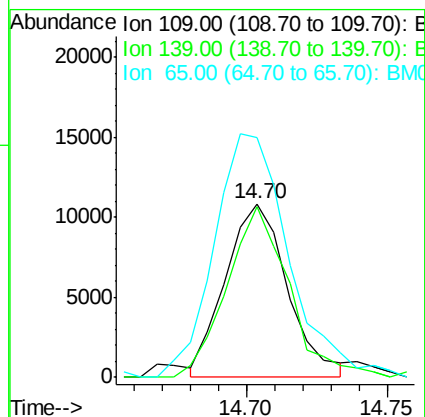
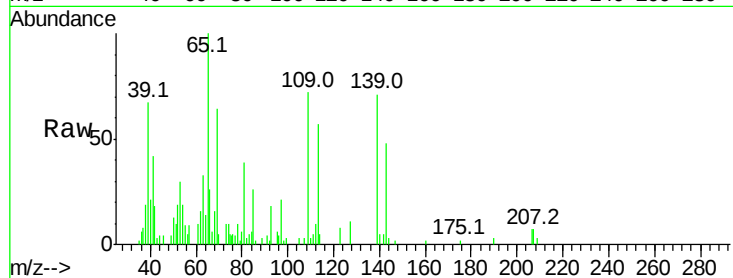
Tot Ion:109 Resp: 16596

Ion Ratio Lower Upper

109 100

139 98.4 103.7 155.5#

65 138.0 89.4 134.2#



#72

1,2,3,4-Tetrachlorobenzene

Concen: 128.88 ng/uL

RT: 13.29 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BM009400.D

Acq: 25 Mar 2017 03:13

Tgt Ion:216 Resp: 1524622

Ion Ratio Lower Upper

216 100

214 78.8 62.5 93.7

218 48.8 38.4 57.6

