

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008818.D
 Acq On : 24 Jan 2017 01:07
 Operator : UM/SJ
 Sample : I1323-15MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9S1MS

Quant Time: Jan 24 02:53:19 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 02:47:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	271072	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	229517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	1086301	20.00	ng/ul	0.09
75) Chrysene-d12	21.49	240	788458	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	595243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2053	1.56	ng/uL	0.00
5) Phenol-d5	7.08	99	40754	7.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	159931	36.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	99986	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	75069	17.41	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	65286	37.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	77670	37.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	150342	34.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	417	0.09	ng/ul	-0.01
43) Dimethylphthalate-d6	13.98	166	611138	40.64	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	691450	38.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	16470	6.55	ng/ul	0.00
57) Fluorene-d10	15.57	176	575888	40.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	126246	19.52	ng/ul	0.00
70) Anthracene-d10	17.42	188	1086301	22.87	ng/ul	0.00
76) Pyrene-d10	19.70	212	1411182	40.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1076882	42.72	ng/ul	0.00

Target Compounds

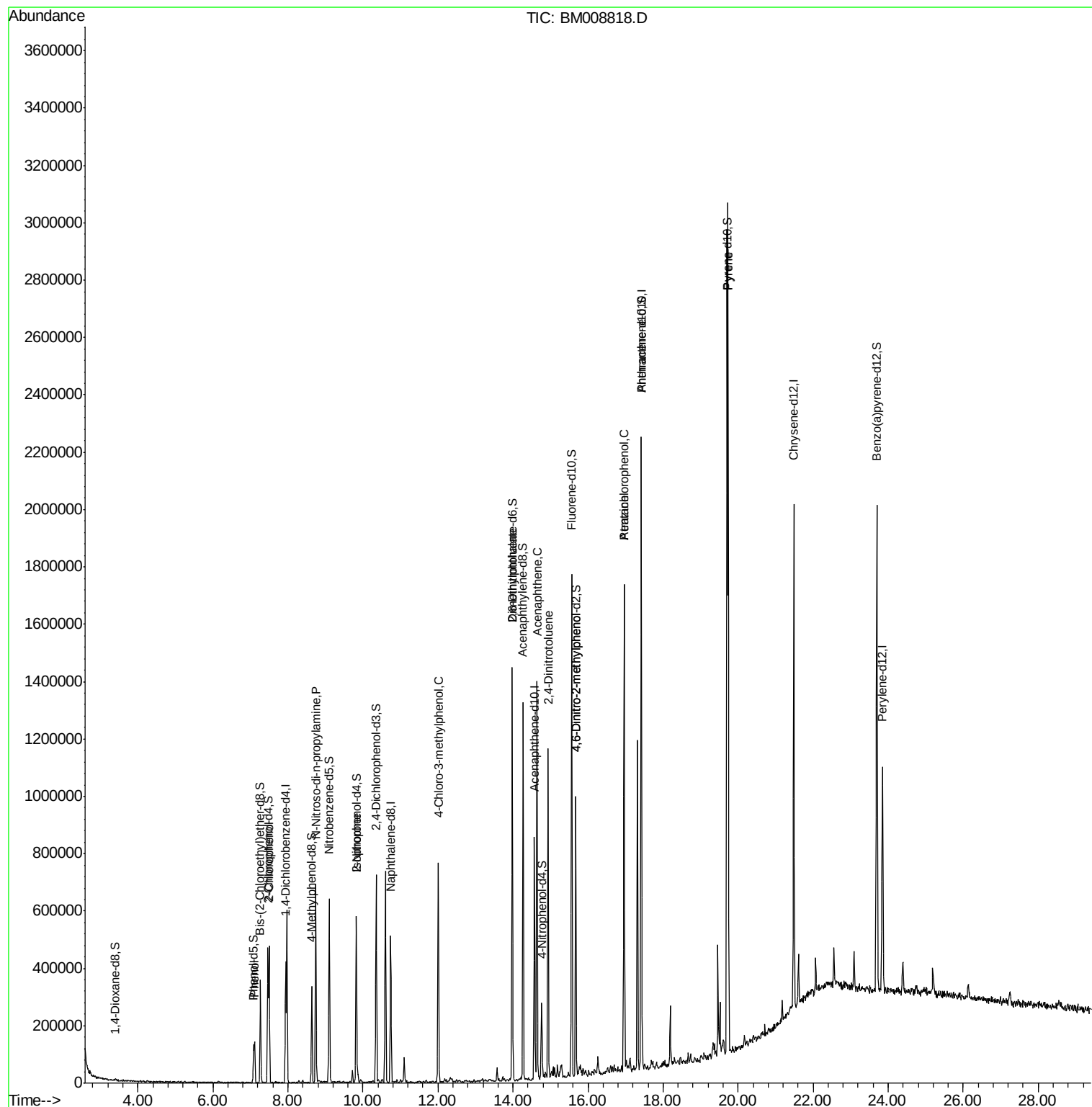
						Qvalue
6) Phenol	7.12	94	42567	7.09	ng/ul#	48
10) 2-Chlorophenol	7.50	128	99505	26.84	ng/ul#	53
15) N-Nitroso-di-n-propylamine	8.74	70	191224	37.13	ng/ul#	68
21) Isophorone	9.82	82	19859	1.62	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.01	107	174808	31.25	ng/ul#	90
45) 2,6-Dinitrotoluene	13.98	165	4284	1.49	ng/ul#	15
49) Acenaphthene	14.64	153	439663	36.46	ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	169974	38.44	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.68	198	7548	1.13	ng/ul#	1
67) Atrazine	16.96	200	48171	3.83	ng/ul#	36
68) Pentachlorophenol	16.96	266	221438	26.37	ng/ul	96
77) Pyrene	19.73	202	1639712	38.77	ng/ul#	94

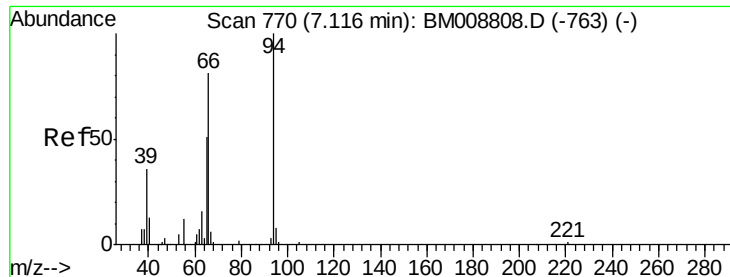
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.09 ng/ul

RT: 7.12 min Scan# 770

Delta R.T. -0.00 min

Lab File: BM008818.D

Acq: 24 Jan 2017 01:07

Instrument :

BNA_M

ClientSampleId :

DA9S1MS

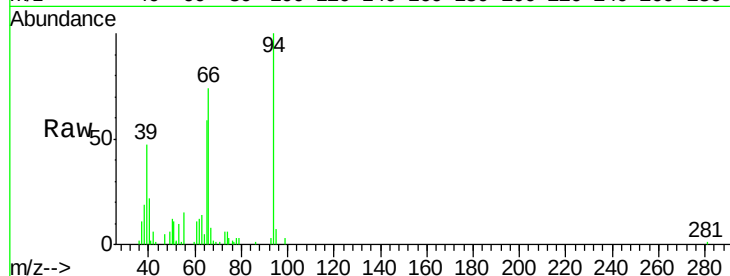
Tgt Ion: 94 Resp: 42567

Ion Ratio Lower Upper

94 100

65 58.7 23.1 34.7#

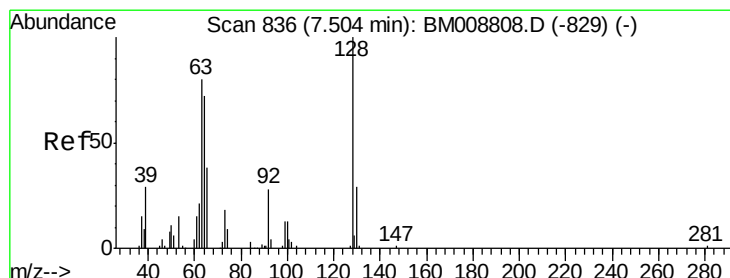
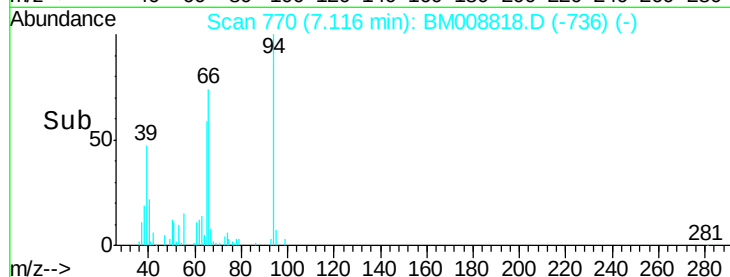
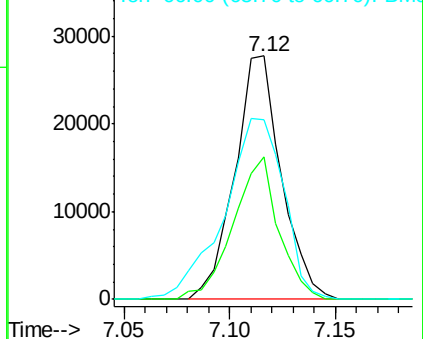
66 73.5 33.7 50.5#



Abundance Ion 94.00 (93.70 to 94.70): BM008818.D (-736) (-)

Ion 65.00 (64.70 to 65.70): BM008818.D (-736) (-)

Ion 66.00 (65.70 to 66.70): BM008818.D (-736) (-)



#10

2-Chlorophenol

Concen: 26.84 ng/ul

RT: 7.50 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM008818.D

Acq: 24 Jan 2017 01:07

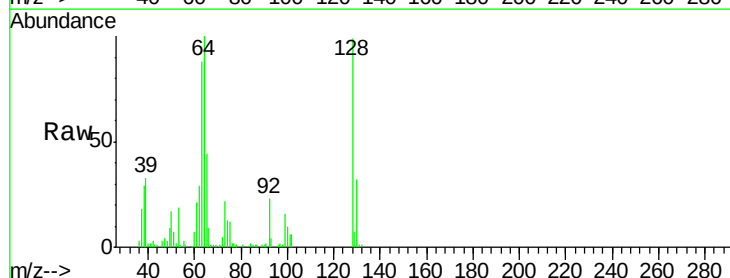
Tgt Ion: 128 Resp: 99505

Ion Ratio Lower Upper

128 100

64 101.0 38.7 58.1#

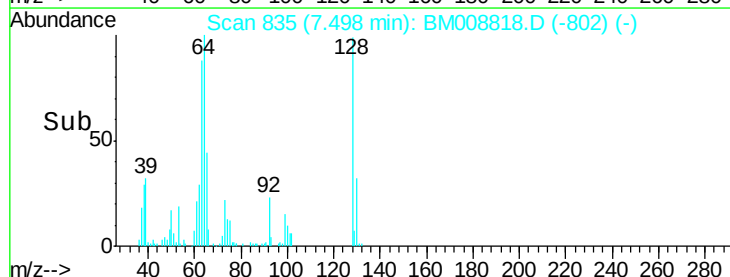
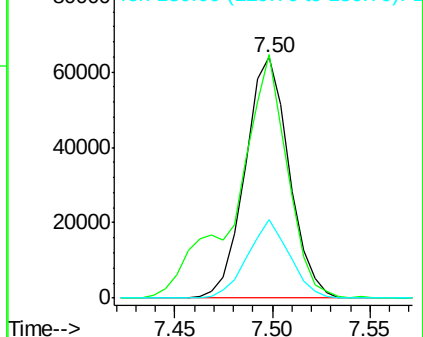
130 32.7 26.9 40.3

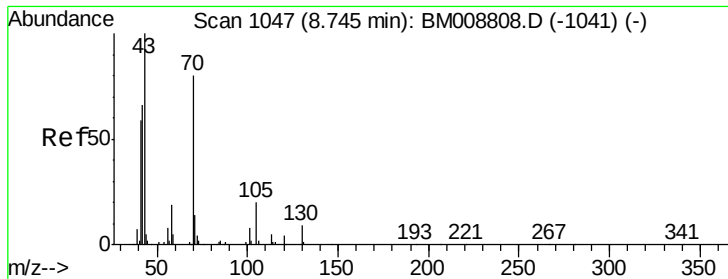


Abundance Ion 128.00 (127.70 to 128.70): BM008818.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM008818.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM008818.D (-802) (-)

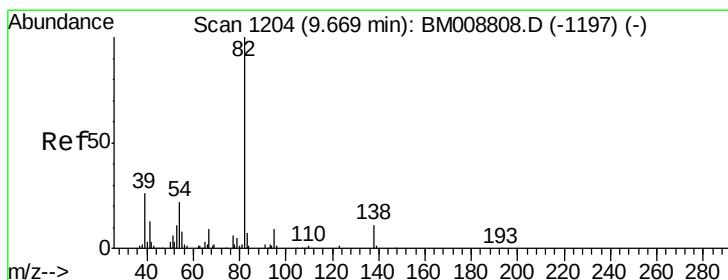
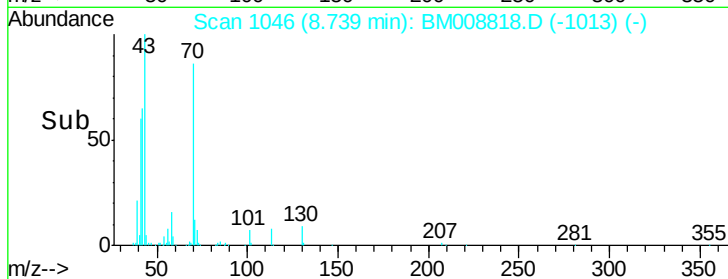
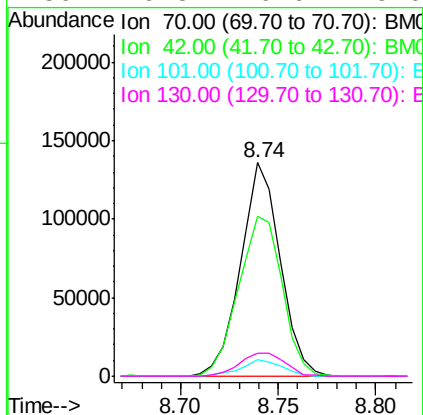
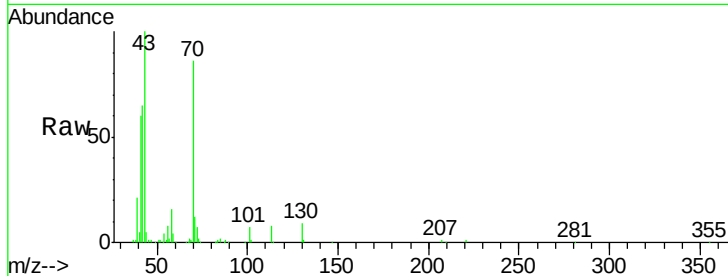




#15
N-Nitroso-di-n-propylamine
Concen: 37.13 ng/ul
RT: 8.74 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BM008818.D
Acq: 24 Jan 2017 01:07

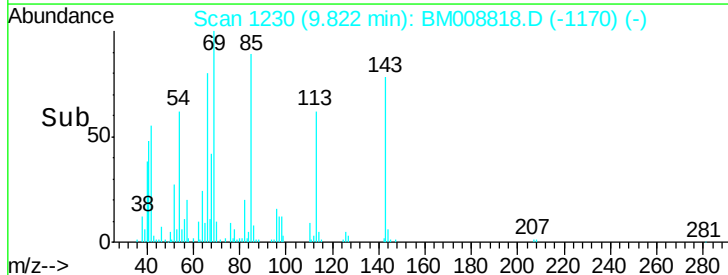
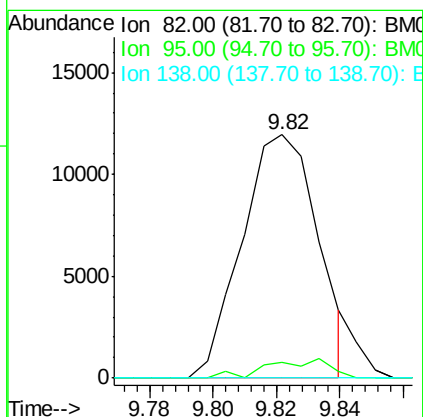
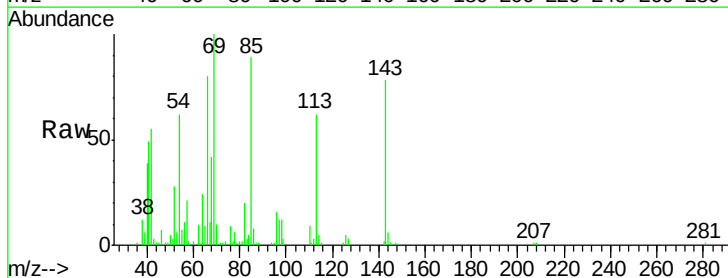
Instrument :
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ClientSampleId :
DA9S1MS

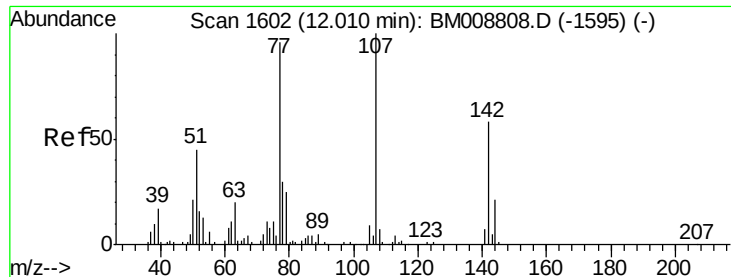
Tgt Ion:	70	Resp:	191224
Ion	Ratio	Lower	Upper
70	100		
42	74.9	37.5	56.3#
101	7.8	7.8	11.8
130	10.8	16.6	25.0#



#21
Isophorone
Concen: 1.62 ng/ul
RT: 9.82 min Scan# 1230
Delta R.T. 0.15 min
Lab File: BM008818.D
Acq: 24 Jan 2017 01:07

Tgt Ion:	82	Resp:	19859
Ion	Ratio	Lower	Upper
82	100		
95	6.7	6.1	9.1
138	0.0	13.4	20.2#

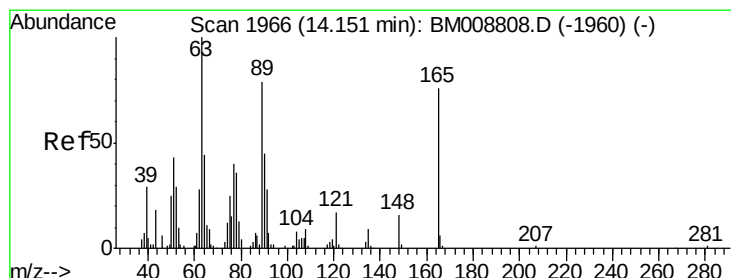
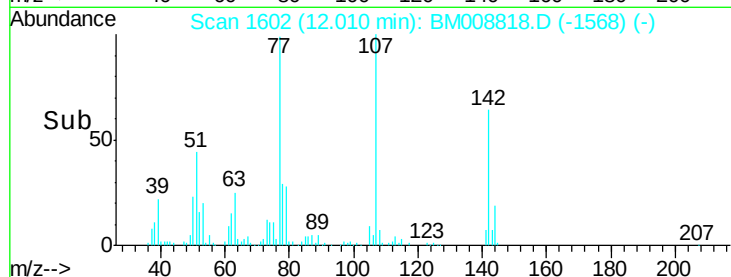
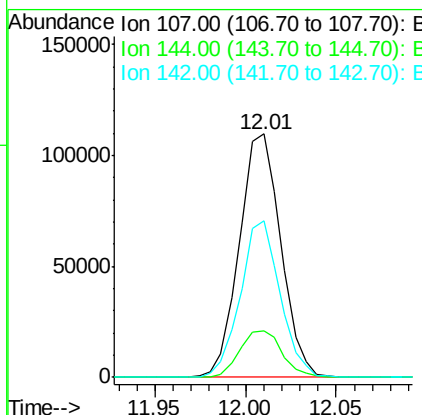
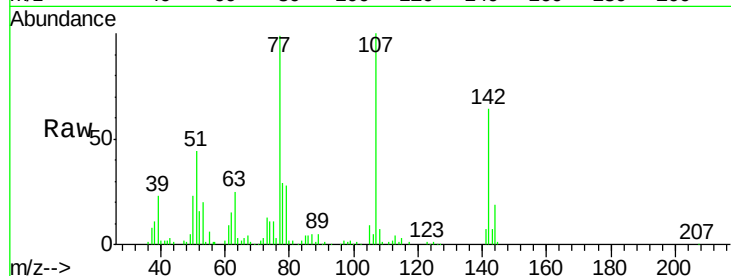




#33
 4-Chloro-3-methylphenol
 Concen: 31.25 ng/ul
 RT: 12.01 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

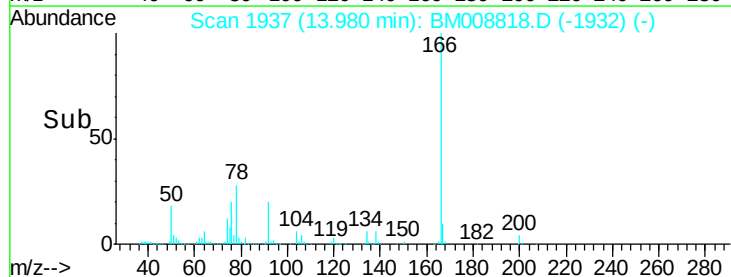
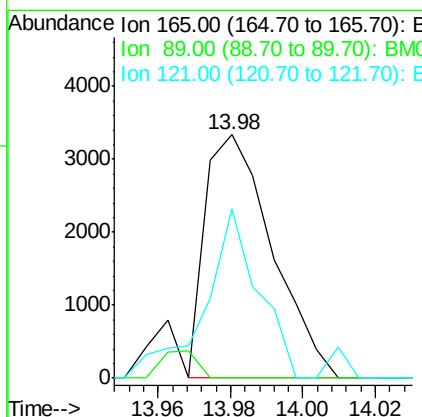
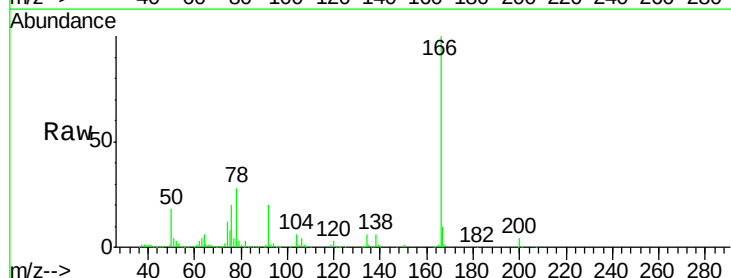
Instrument :
 BNA_M
 ClientSampleId :
 DA9S1MS

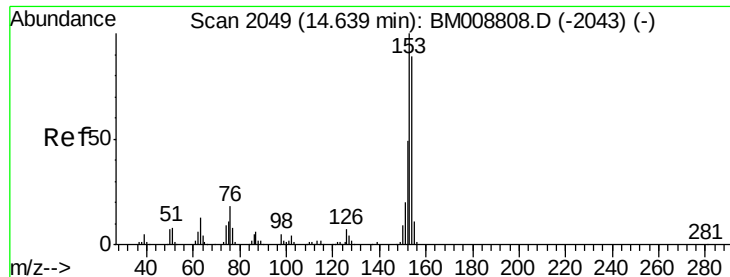
Tgt Ion:107 Resp: 174808
 Ion Ratio Lower Upper
 107 100
 144 19.3 19.4 29.2#
 142 64.3 58.0 87.0



#45
 2,6-Dinitrotoluene
 Concen: 1.49 ng/ul
 RT: 13.98 min Scan# 1937
 Delta R.T. -0.17 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

Tgt Ion:165 Resp: 4284
 Ion Ratio Lower Upper
 165 100
 89 0.0 50.6 76.0#
 121 69.4 18.2 27.2#





#49

Acenaphthene

Concen: 36.46 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM008818.D

Acq: 24 Jan 2017 01:07

Instrument :

BNA_M

ClientSampleId :

DA9S1MS

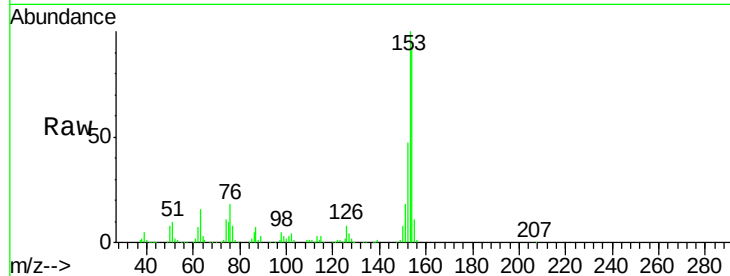
Tgt Ion:153 Resp: 439663

Ion Ratio Lower Upper

153 100

152 47.1 36.4 54.6

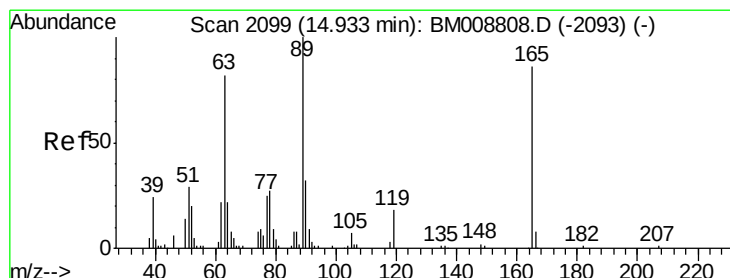
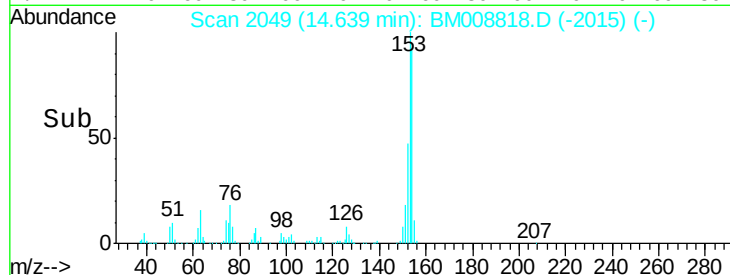
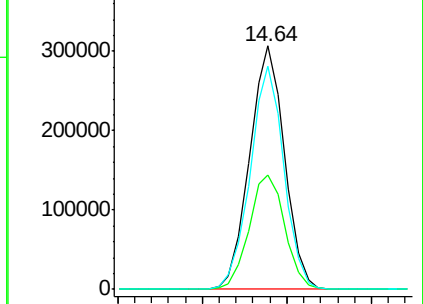
154 91.6 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

2,4-Dinitrotoluene

Concen: 38.44 ng/ul

RT: 14.93 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM008818.D

Acq: 24 Jan 2017 01:07

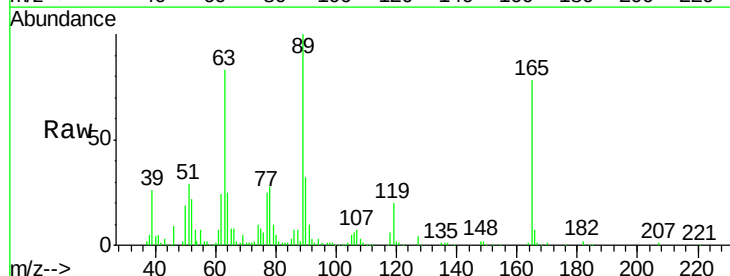
Tgt Ion:165 Resp: 169974

Ion Ratio Lower Upper

165 100

63 106.0 50.6 76.0#

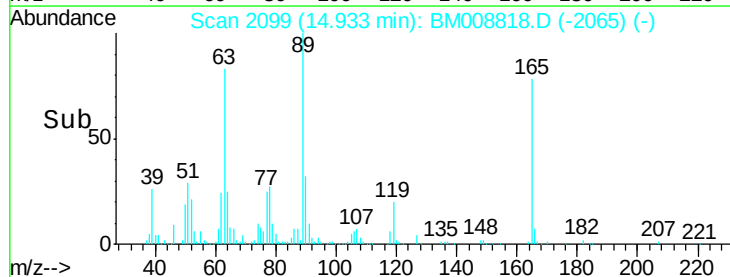
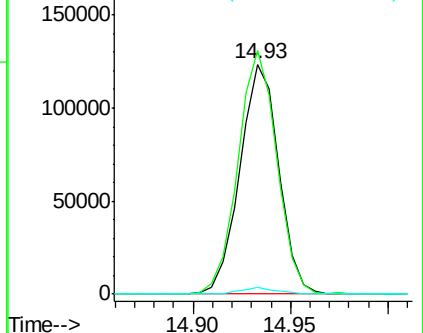
182 2.7 2.7 4.1

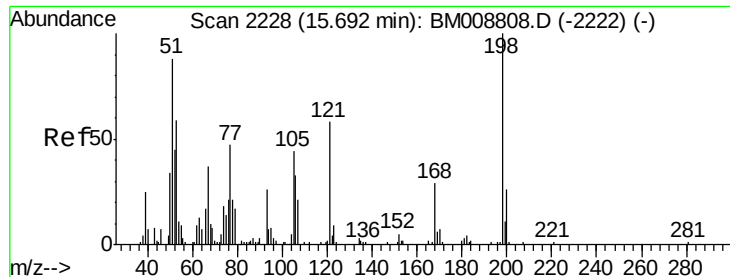


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

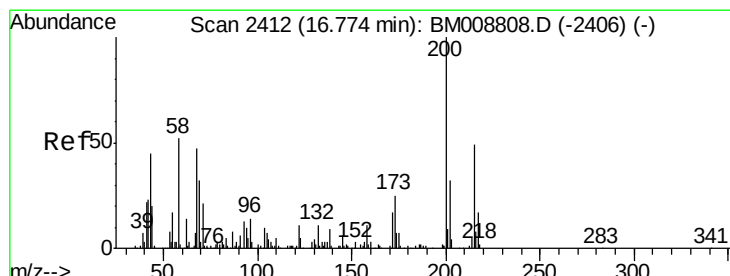
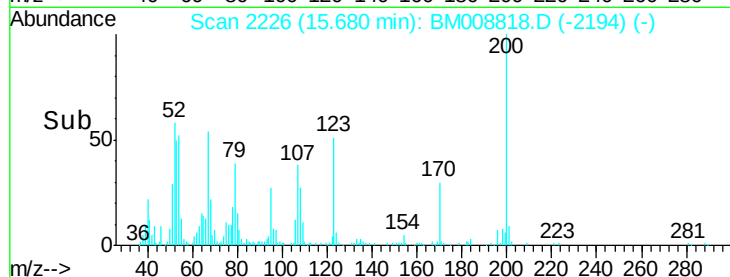
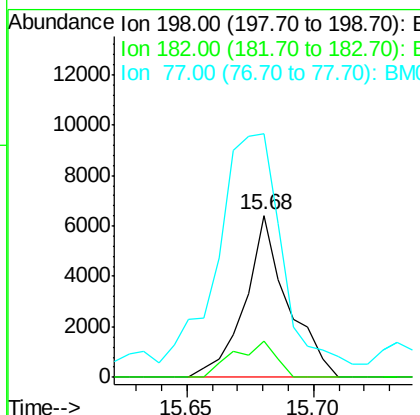
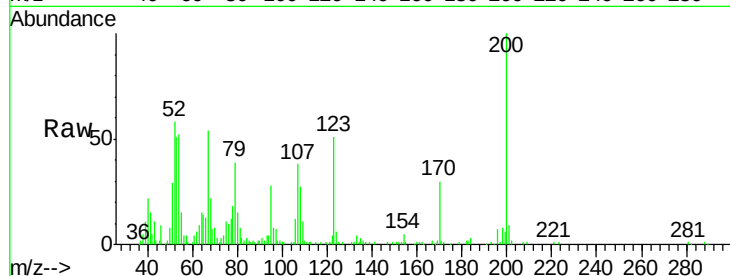




#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.13 ng/ul
 RT: 15.68 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

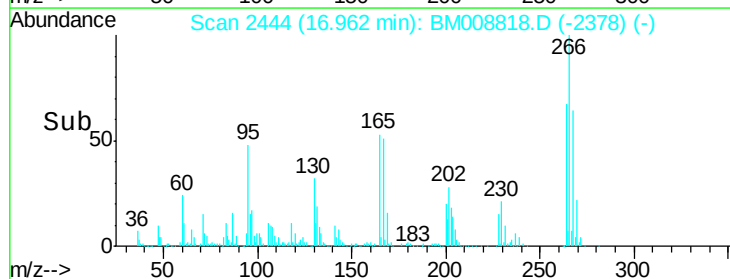
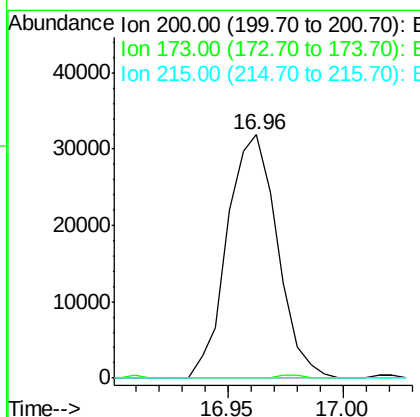
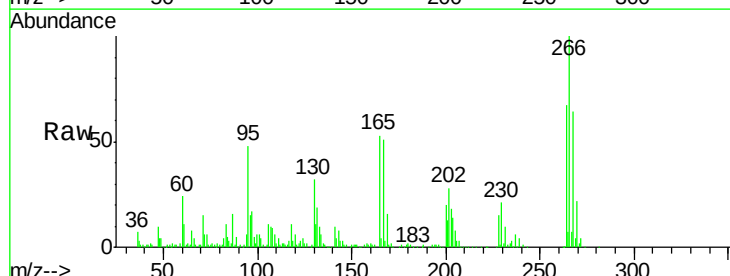
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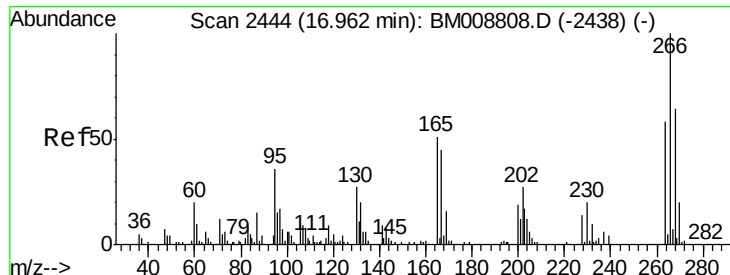
Tgt Ion:198 Resp: 7548
 Ion Ratio Lower Upper
 198 100
 182 22.7 4.4 6.6#
 77 150.5 20.5 30.7#



#67
 Atrazine
 Concen: 3.83 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. 0.19 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

Tgt Ion:200 Resp: 48171
 Ion Ratio Lower Upper
 200 100
 173 0.0 19.6 29.4#
 215 1.3 41.0 61.4#

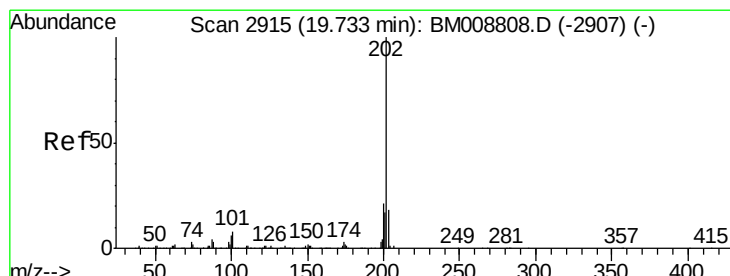
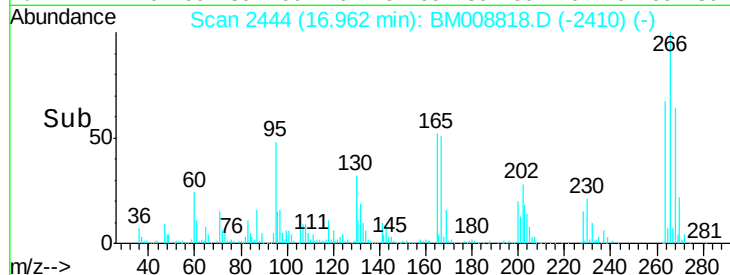
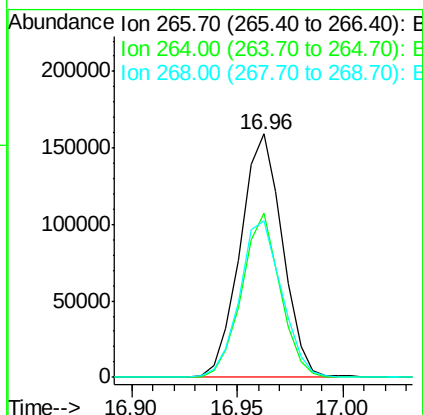
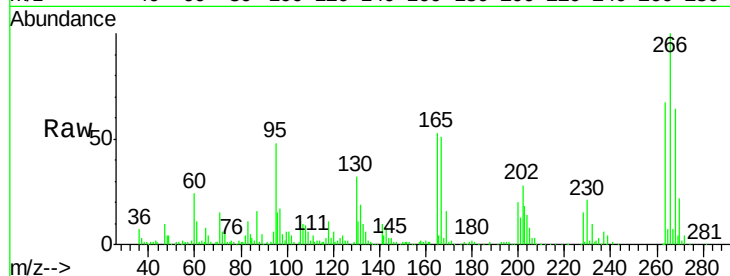




#68
 Pentachlorophenol
 Concen: 26.37 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

Instrument :
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Tgt Ion:266 Resp: 221438
 Ion Ratio Lower Upper
 266 100
 264 67.3 50.6 75.8
 268 64.3 49.1 73.7



#77
 Pyrene
 Concen: 38.77 ng/ul
 RT: 19.73 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

Tgt Ion:202 Resp: 1639712
 Ion Ratio Lower Upper
 202 100
 101 7.8 8.6 12.8#
 100 6.5 6.5 9.7

