

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008819.D
 Acq On : 24 Jan 2017 01:43
 Operator : UM/SJ
 Sample : I1323-16MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9S1MSD

Quant Time: Jan 24 02:53:31 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	7.94	152	71488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	294899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	243208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	1024904	20.00	ng/ul	0.09
75) Chrysene-d12	21.49	240	900802	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	717838	20.00	ng/ul	0.00

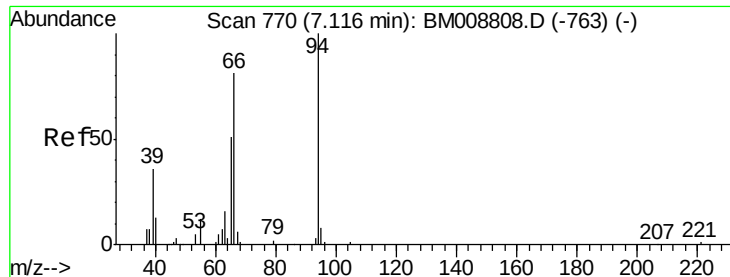
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1651	1.14	ng/uL	0.00
5) Phenol-d5	7.09	99	37634	6.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	150886	31.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	98752	25.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	67070	14.15	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	65618	34.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.82	143	76739	33.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	142305	29.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	115	0.02	ng/ul	-0.09
43) Dimethylphthalate-d6	13.98	166	592397	37.18	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	658577	34.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	16120	6.05	ng/ul	0.00
57) Fluorene-d10	15.57	176	553705	36.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	115713	18.96	ng/ul	0.00
70) Anthracene-d10	17.42	188	1024904	22.87	ng/ul	0.00
76) Pyrene-d10	19.70	212	1338613	33.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1101364	36.23	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.12	94	42119	6.38	ng/ul#	52
10) 2-Chlorophenol	7.50	128	99709	24.46	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.74	70	191561	33.83	ng/ul#	58
33) 4-Chloro-3-methylphenol	12.01	107	171902	28.25	ng/ul#	83
49) Acenaphthene	14.64	153	431386	33.76	ng/ul	100
52) 4-Nitrophenol	14.77	109	43577	7.93	ng/ul#	63
54) 2,4-Dinitrotoluene	14.93	165	166503	35.54	ng/ul#	38
63) 4,6-Dinitro-2-methylphenol	15.69	198	7663	1.21	ng/ul#	4
67) Atrazine	16.96	200	44852	3.78	ng/ul#	34
68) Pentachlorophenol	16.96	266	217169	27.41	ng/ul	96
77) Pyrene	19.73	202	1655634	34.27	ng/ul#	93

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



#6

Phenol

Concen: 6.38 ng/ul

RT: 7.12 min Scan# 770

Delta R.T. -0.00 min

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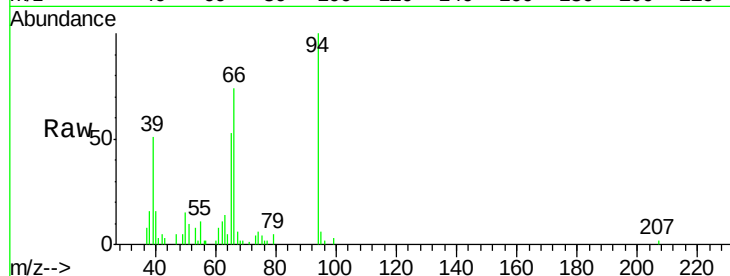
Tgt Ion: 94 Resp: 42119

Ion Ratio Lower Upper

94 100

65 52.9 23.1 34.7#

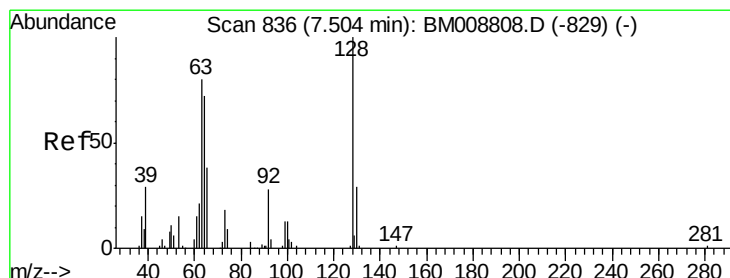
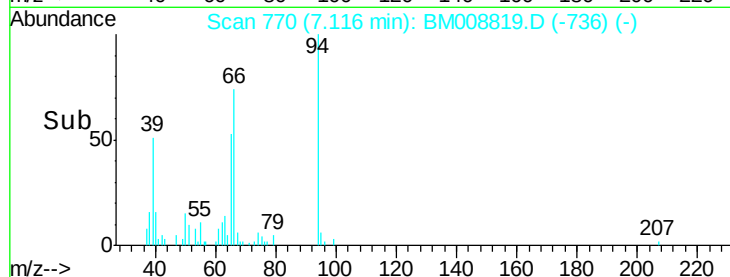
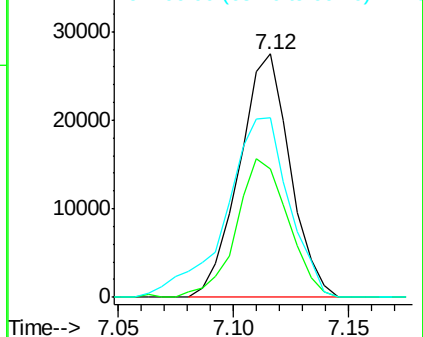
66 73.9 33.7 50.5#



Abundance Ion 94.00 (93.70 to 94.70): BM008819.D (-736) (-)

Ion 65.00 (64.70 to 65.70): BM008819.D (-736) (-)

Ion 66.00 (65.70 to 66.70): BM008819.D (-736) (-)



#10

2-Chlorophenol

Concen: 24.46 ng/ul

RT: 7.50 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM008819.D

Acq: 24 Jan 2017 01:43

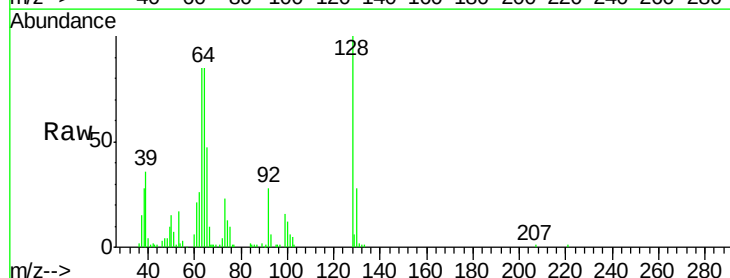
Tgt Ion:128 Resp: 99709

Ion Ratio Lower Upper

128 100

64 84.9 38.7 58.1#

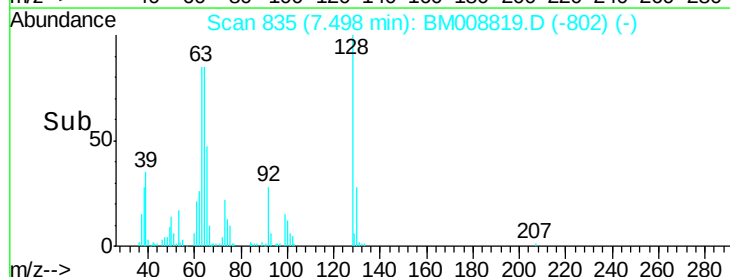
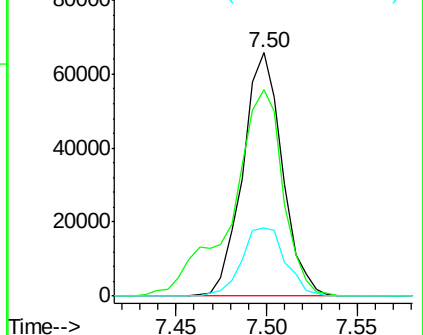
130 28.3 26.9 40.3

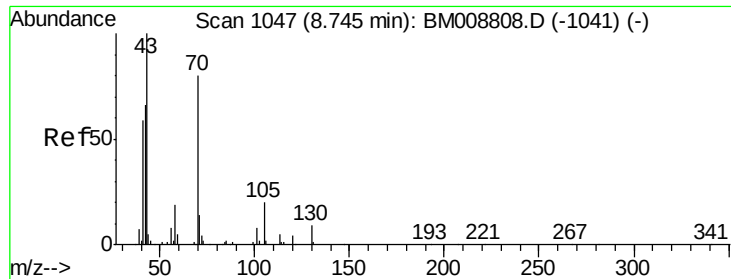


Abundance Ion 128.00 (127.70 to 128.70): BM008819.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM008819.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM008819.D (-802) (-)

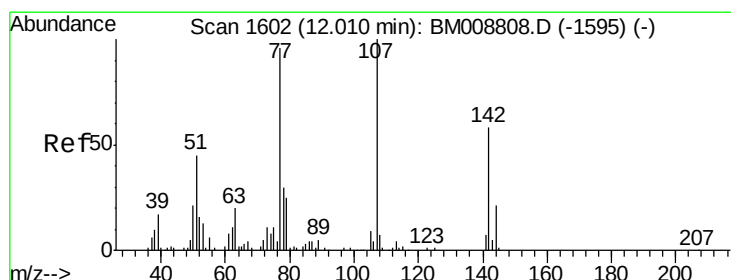
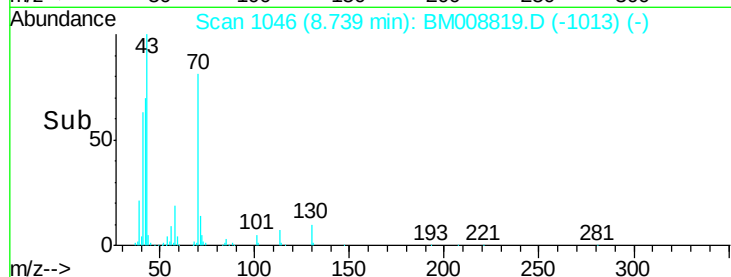
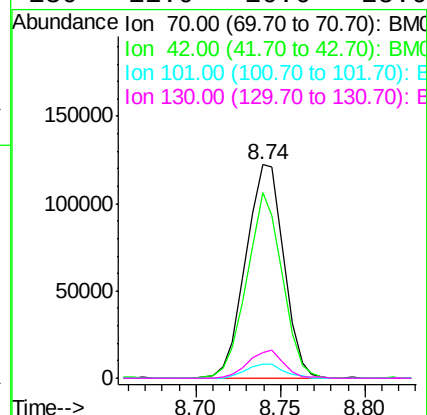
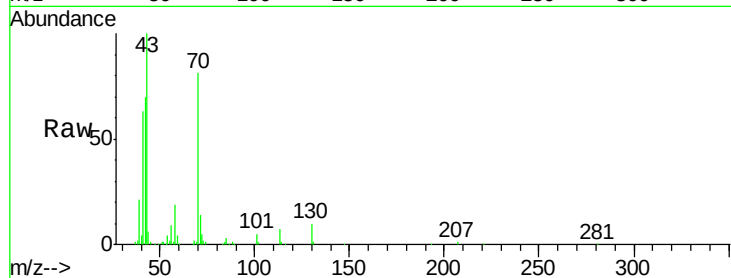




#15
N-Nitroso-di-n-propylamine
Concen: 33.83 ng/ul
RT: 8.74 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BM008819.D
Acq: 24 Jan 2017 01:43

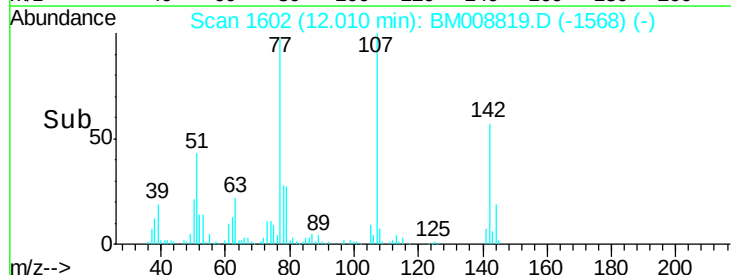
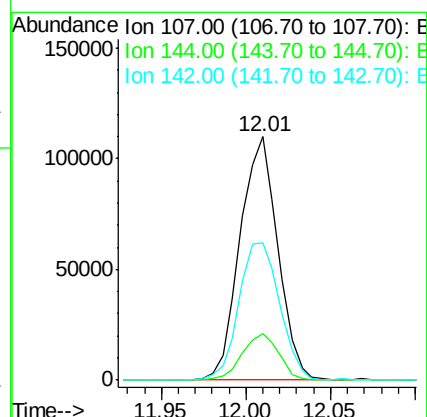
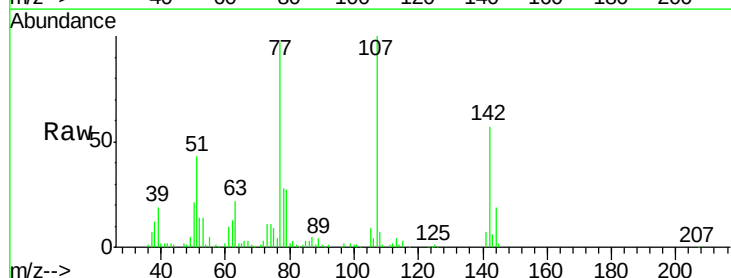
Instrument :
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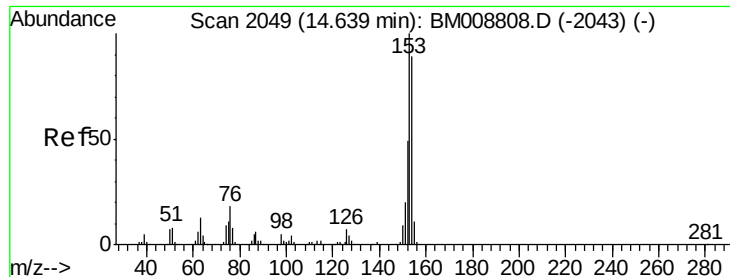
Tgt Ion: 70 Resp: 191561
Ion Ratio Lower Upper
70 100
42 86.6 37.5 56.3#
101 6.7 7.8 11.8#
130 11.9 16.6 25.0#



#33
4-Chloro-3-methylphenol
Concen: 28.25 ng/ul
RT: 12.01 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM008819.D
Acq: 24 Jan 2017 01:43

Tgt Ion: 107 Resp: 171902
Ion Ratio Lower Upper
107 100
144 18.9 19.4 29.2#
142 56.6 58.0 87.0#





#49

Acenaphthene

Concen: 33.76 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM008819.D

Acq: 24 Jan 2017 01:43

Instrument :

BNA_M

ClientSampleId :

DA9S1MSD

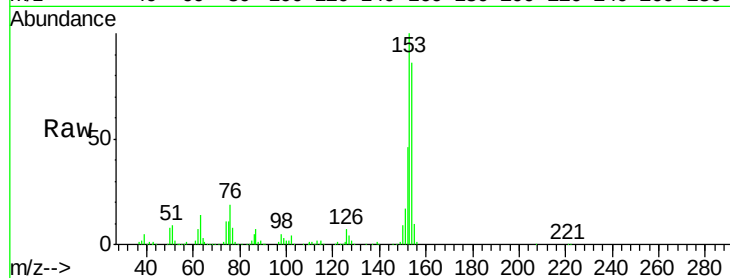
Tgt Ion:153 Resp: 431386

Ion Ratio Lower Upper

153 100

152 46.0 36.4 54.6

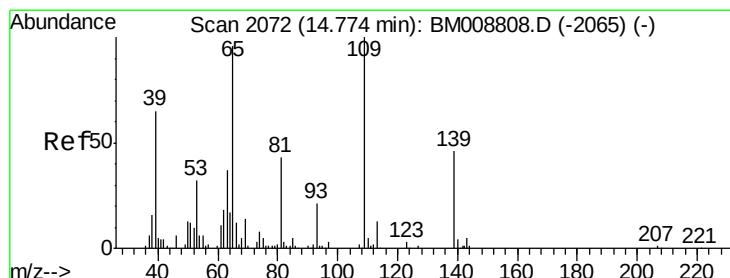
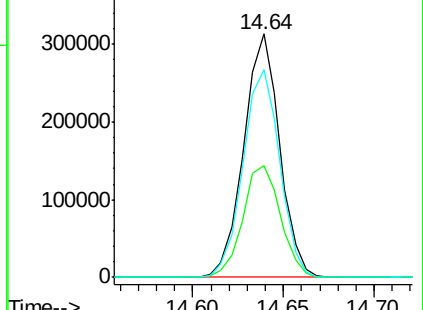
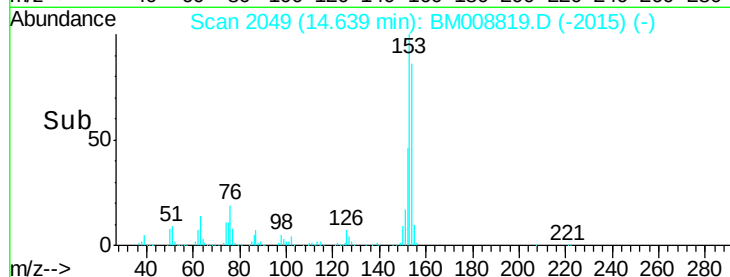
154 85.5 68.7 103.1



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



#52

4-Nitrophenol

Concen: 7.93 ng/ul

RT: 14.77 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BM008819.D

Acq: 24 Jan 2017 01:43

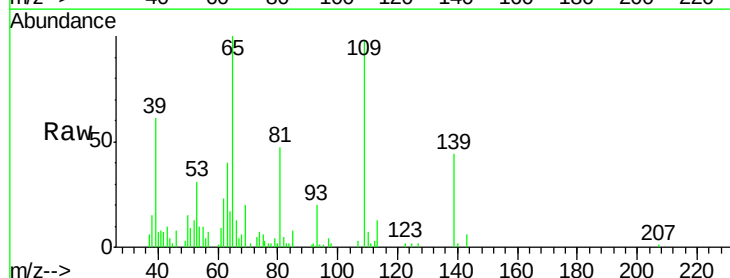
Tgt Ion:109 Resp: 43577

Ion Ratio Lower Upper

109 100

139 45.2 85.4 128.2#

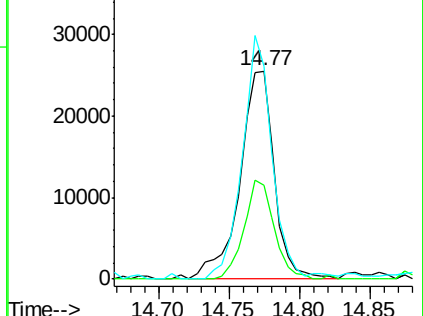
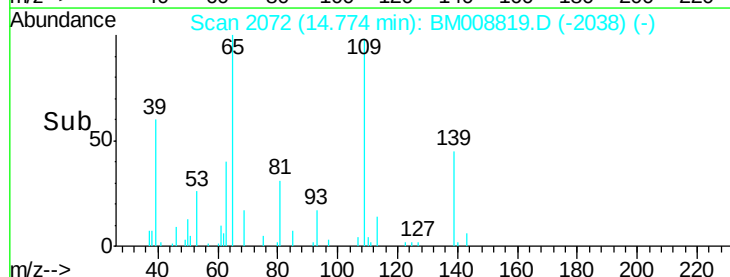
65 102.2 97.7 146.5

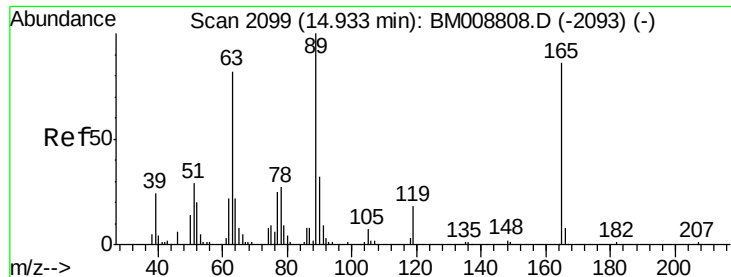


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

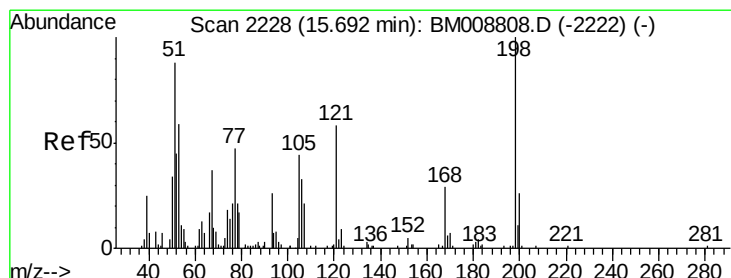
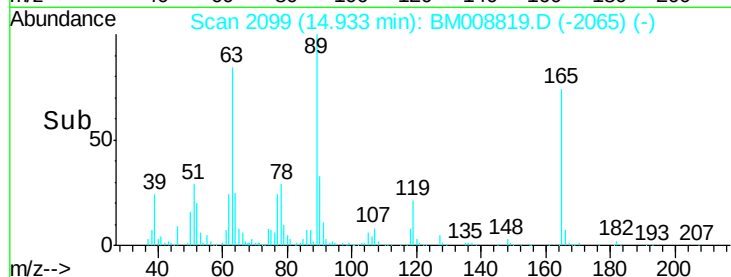
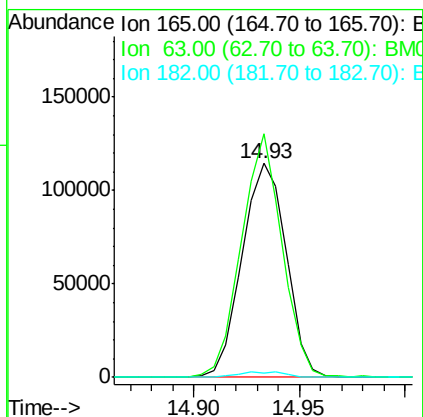
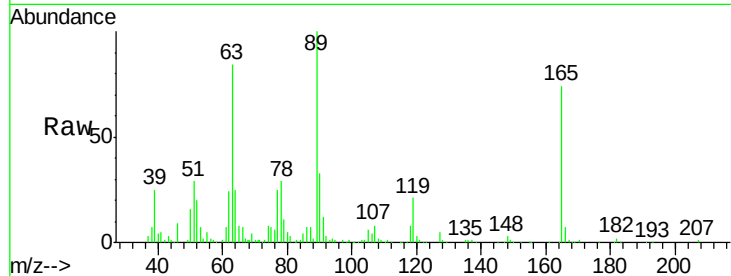




#54
 2,4-Dinitrotoluene
 Concen: 35.54 ng/ul
 RT: 14.93 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BM008819.D
 Acq: 24 Jan 2017 01:43

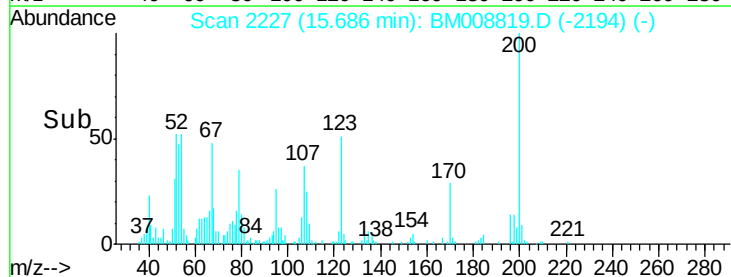
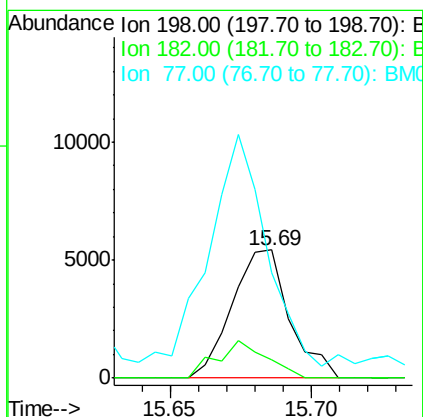
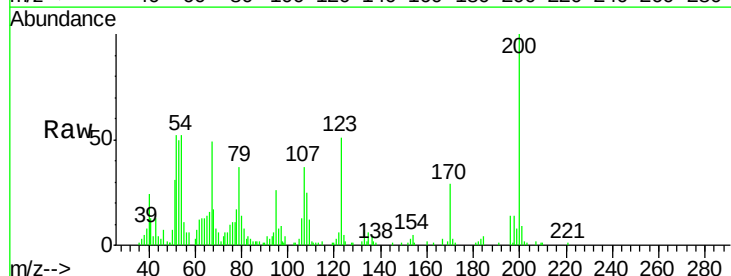
Instrument :
 BNA_M
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 DA9S1MSD

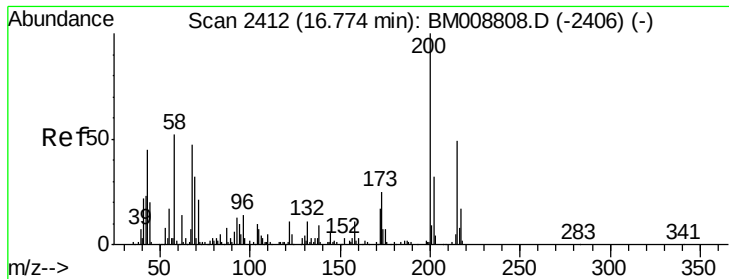
Tgt Ion:165 Resp: 166503
 Ion Ratio Lower Upper
 165 100
 63 113.7 50.6 76.0#
 182 2.0 2.7 4.1#



#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.21 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BM008819.D
 Acq: 24 Jan 2017 01:43

Tgt Ion:198 Resp: 7663
 Ion Ratio Lower Upper
 198 100
 182 14.0 4.4 6.6#
 77 82.1 20.5 30.7#

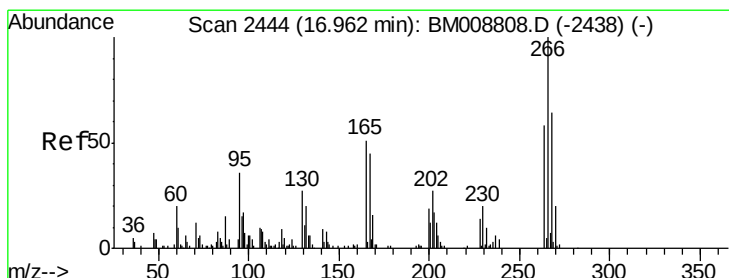
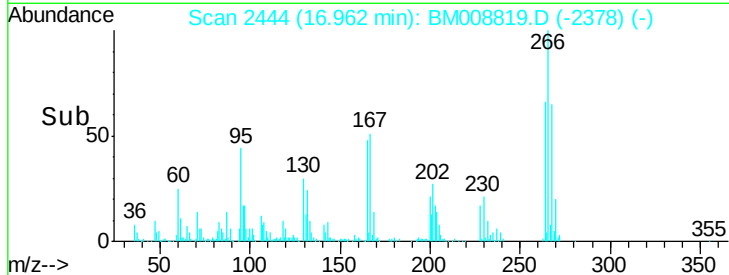
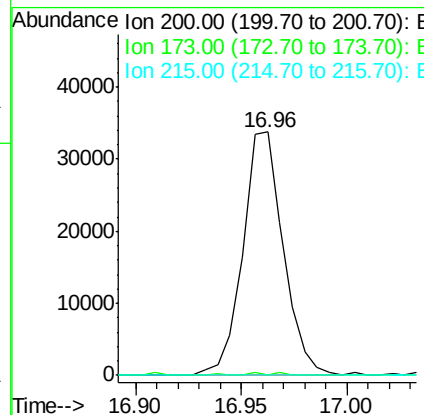
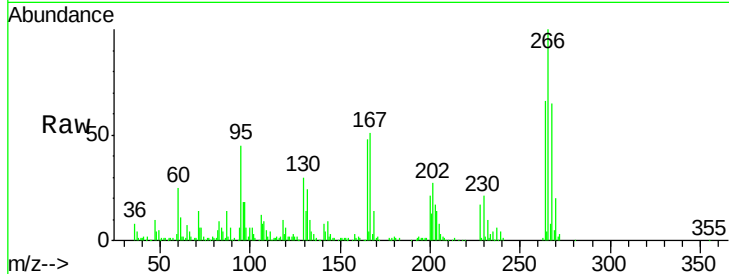




#67
 Atrazine
 Concen: 3.78 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. 0.19 min
 Lab File: BM008819.D
 Acq: 24 Jan 2017 01:43

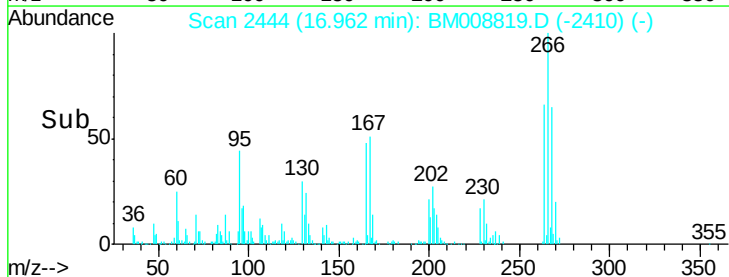
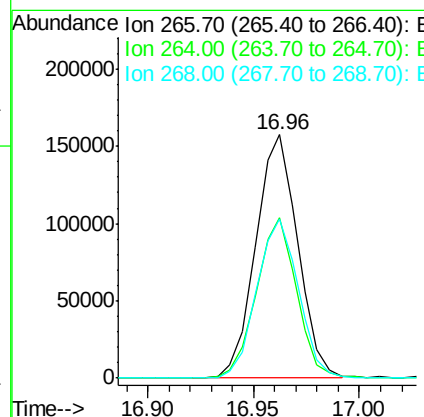
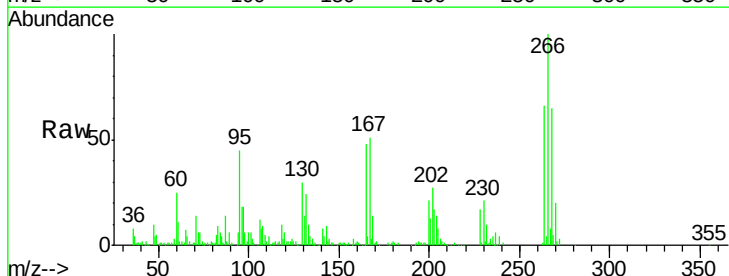
Instrument :
 BNA_M
 ClientSampleId :
 DA9S1MSD

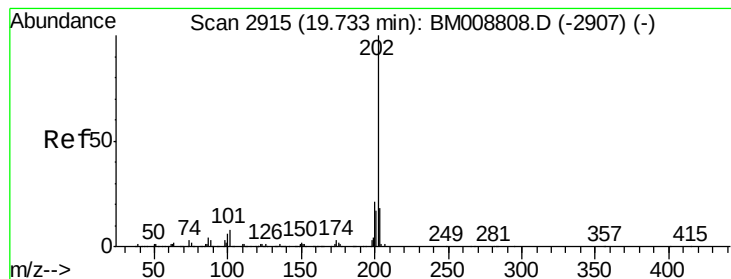
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	19.6	29.4#
215	0.0	41.0	61.4#



#68
 Pentachlorophenol
 Concen: 27.41 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM008819.D
 Acq: 24 Jan 2017 01:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.9	50.6	75.8
268	65.3	49.1	73.7





#77

Pyrene

Concen: 34.27 ng/ul

RT: 19.73 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BM008819.D

Acq: 24 Jan 2017 01:43

Instrument :

BNA_M

ClientSampleId :

DA9S1MSD

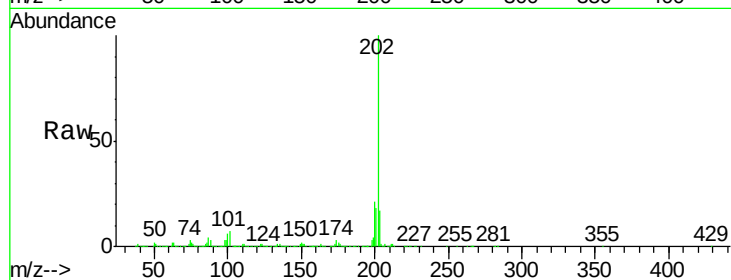
Tgt Ion: 202 Resp: 1655634

Ion Ratio Lower Upper

202 100

101 7.3 8.6 12.8#

100 6.5 6.5 9.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

