

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

Manual Integrations
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Quant Time: Jan 24 04:25:36 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	17.32	188	590871m	20.00	ng/ul	0.00
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	35.88	ng/ul	0.00
70) Anthracene-d10	17.42	188	1086301	42.04	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
33) 4-Chloro-3-methylphenol	12.01	107	174808	31.25	ng/ul#	90
49) Acenaphthene	14.64	153	439663	36.46	ng/ul	95
52) 4-Nitrophenol	14.77	109	42025m	8.10	ng/ul	
54) 2,4-Dinitrotoluene	14.93	165	169974	38.44	ng/ul#	48
68) Pentachlorophenol	16.96	266	221438	48.48	ng/ul	96
77) Pyrene	19.73	202	1639712	38.77	ng/ul#	94

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

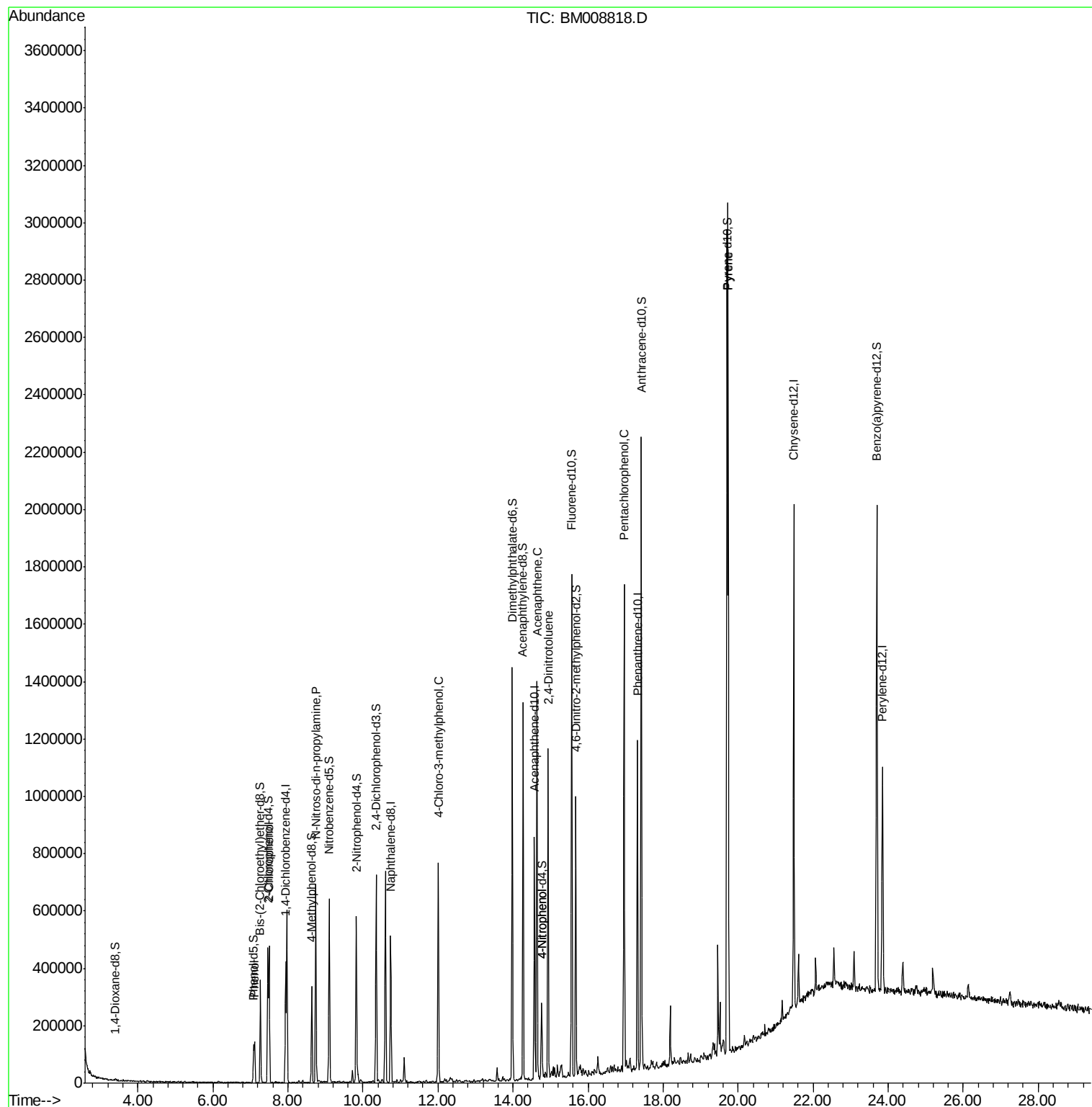
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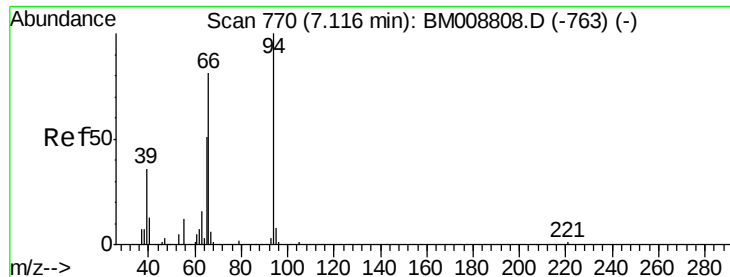
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#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

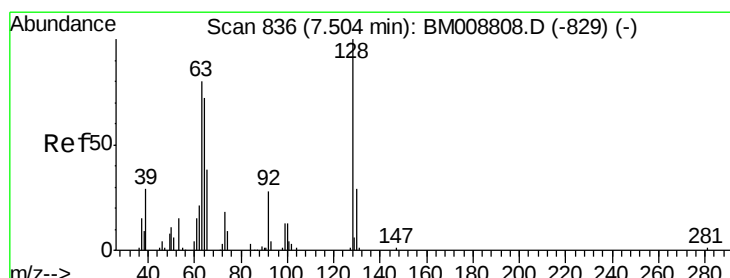
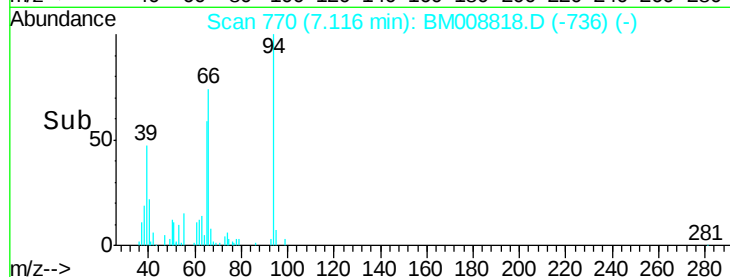
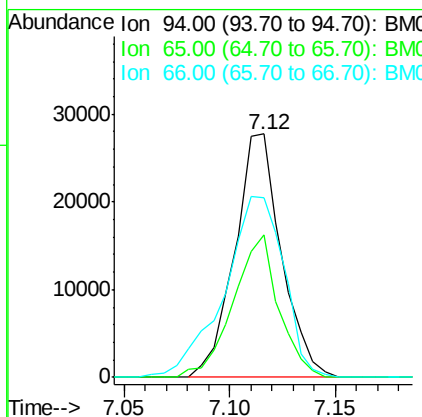
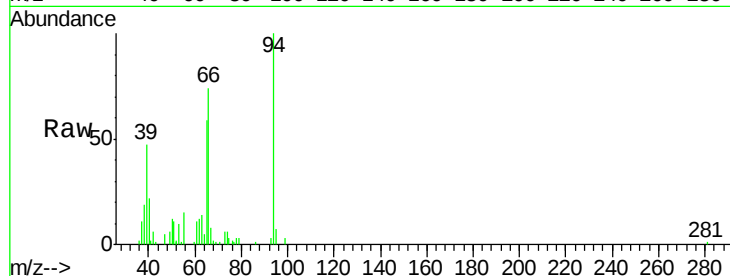
ClientSampleId :

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#

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#10

2-Chlorophenol

Concen: 26.84 ng/ul

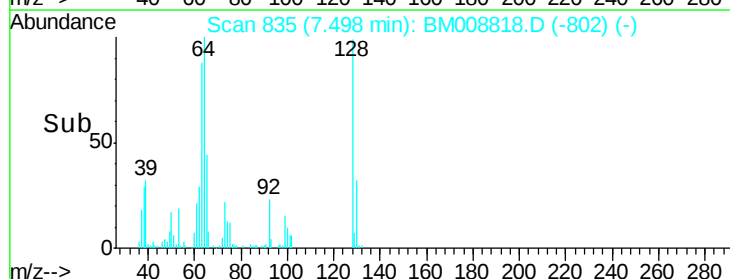
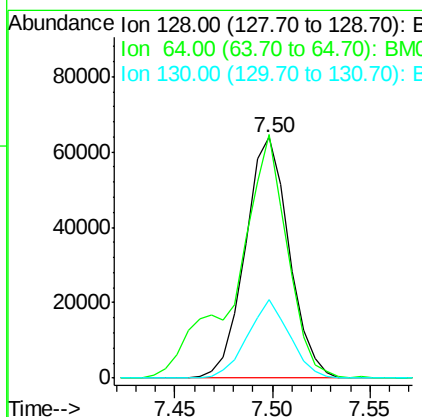
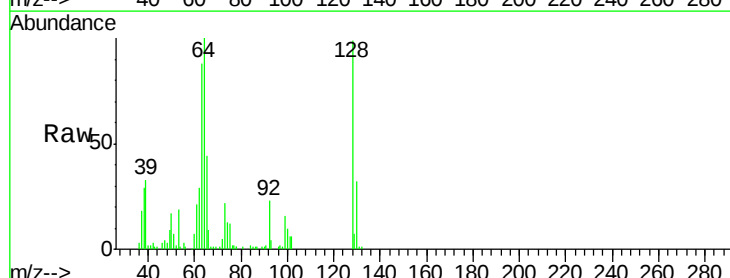
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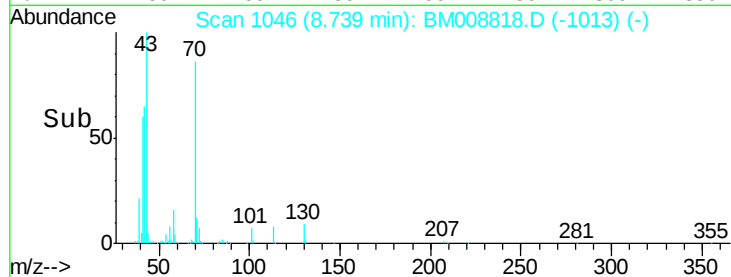
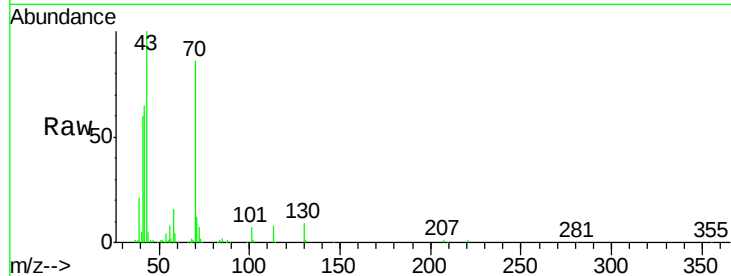
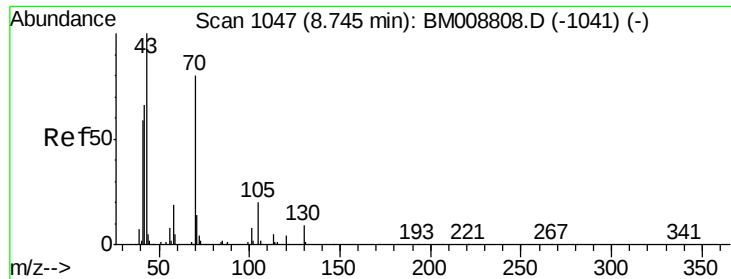
Delta R.T. -0.01 min

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





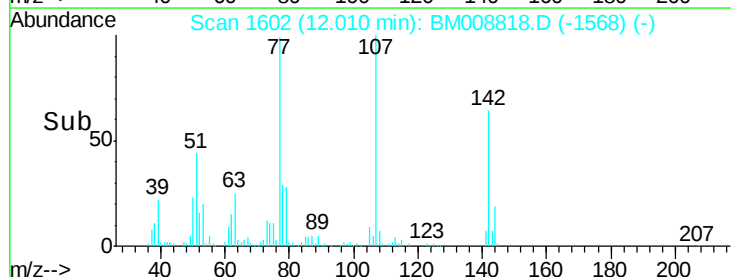
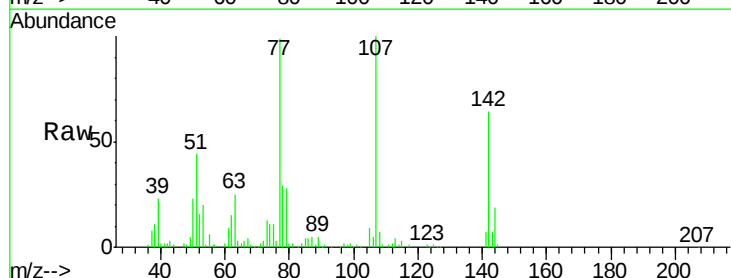
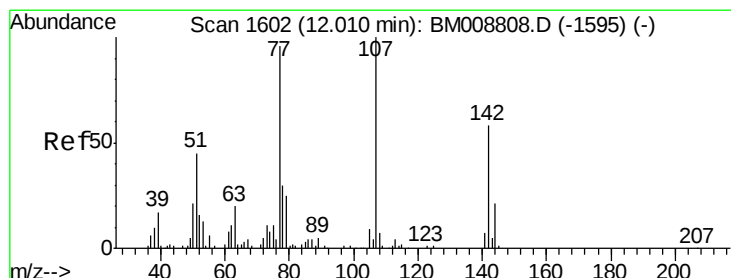
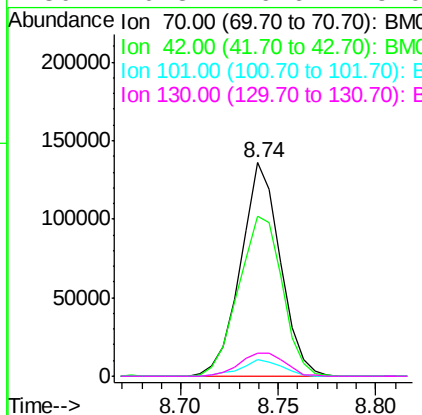
#15
N-Nitroso-di-n-propylamine
Concen: 37.13 ng/ul
RT: 8.74 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BM008818.D
Acq: 24 Jan 2017 01:07

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Tgt 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#

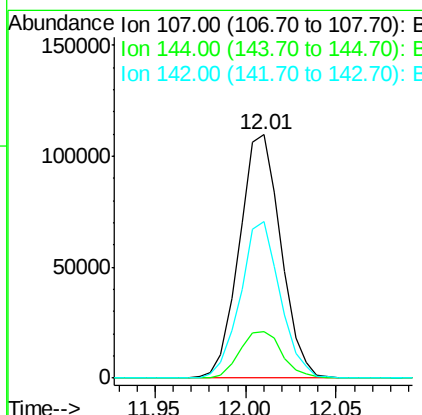
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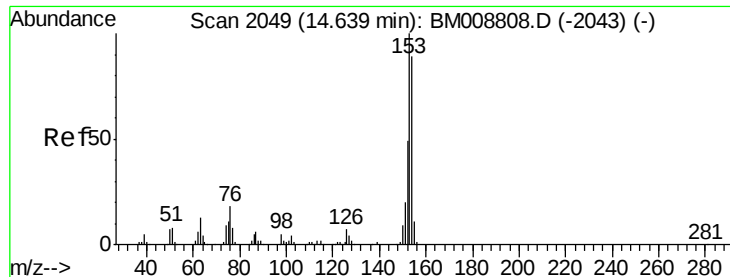
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#33
4-Chloro-3-methylphenol
Concen: 31.25 ng/ul
RT: 12.01 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM008818.D
Acq: 24 Jan 2017 01:07

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





#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

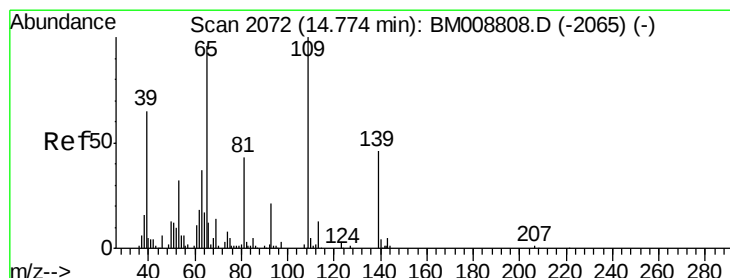
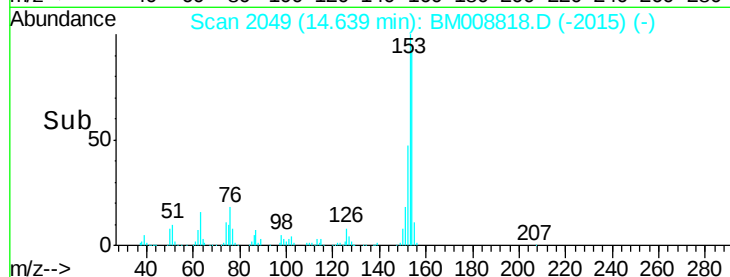
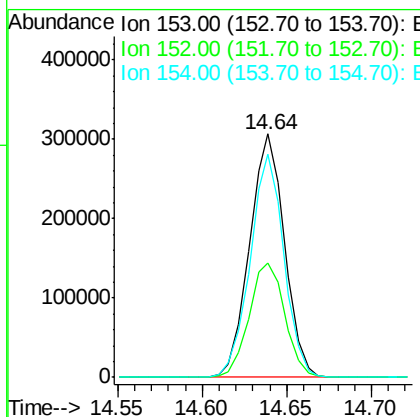
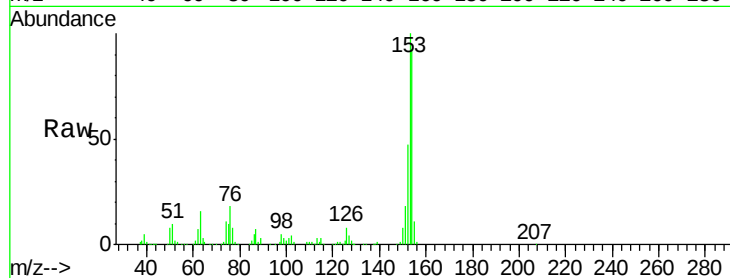
ClientSampleId :

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

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#52

4-Nitrophenol

Concen: 8.10 ng/ul m

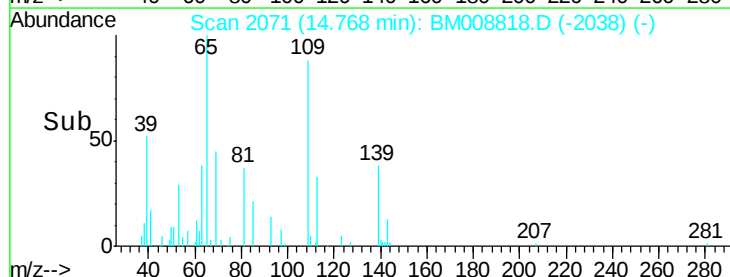
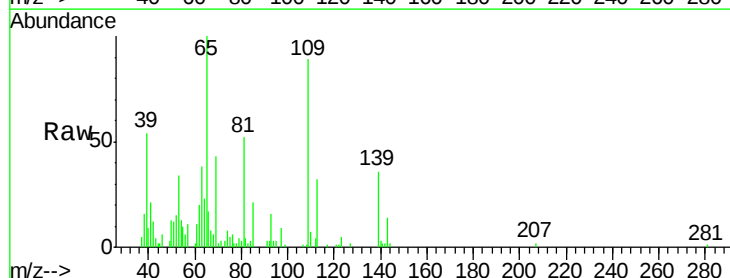
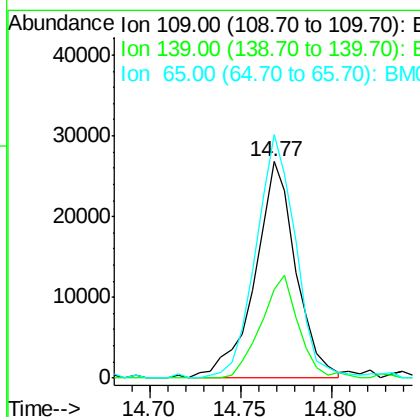
RT: 14.77 min Scan# 2071

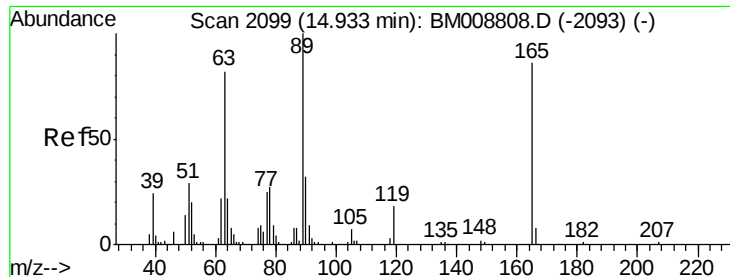
Delta R.T. -0.01 min

Lab File: BM008818.D

Acq: 24 Jan 2017 01:07

Tgt Ion:	109	Resp:	42025
Ion Ratio	Lower	Upper	
109	100		
139	40.8	85.4	128.2#
65	112.5	97.7	146.5





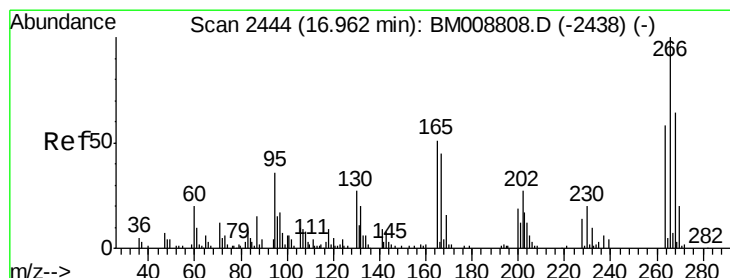
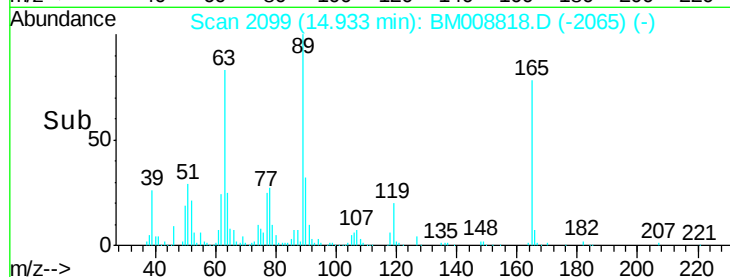
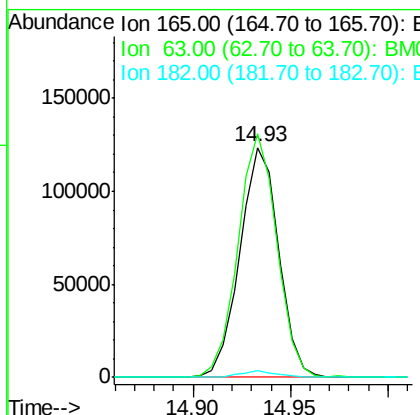
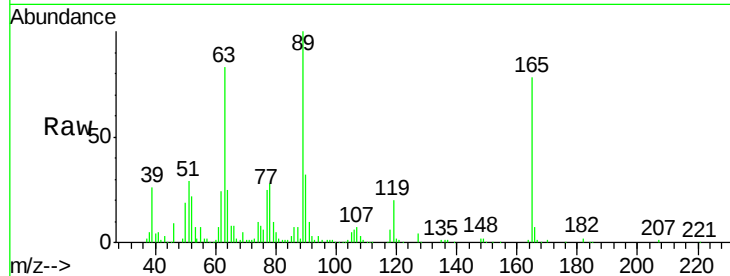
#54
 2,4-Dinitrotoluene
 Concen: 38.44 ng/ul
 RT: 14.93 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

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Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169974		
63	106.0	50.6	76.0	
182	2.7	2.7	4.1	

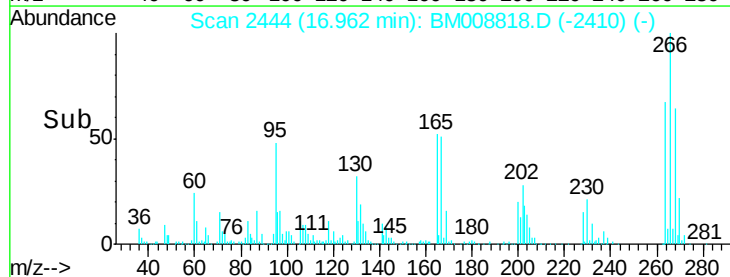
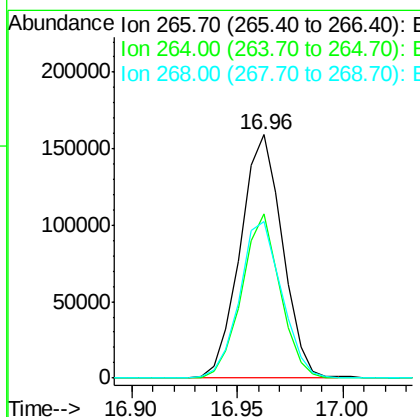
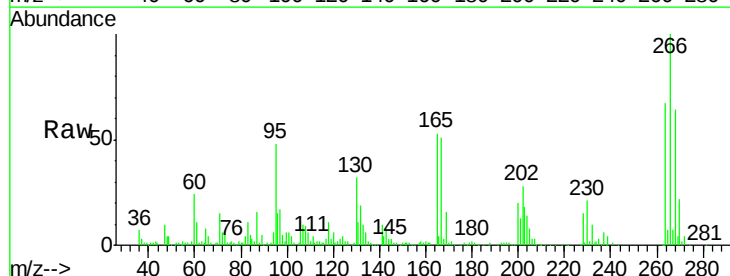
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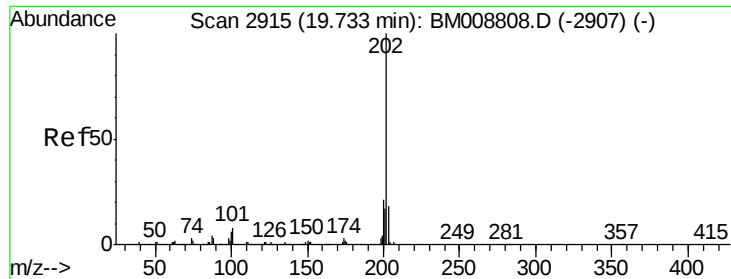
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#68
 Pentachlorophenol
 Concen: 48.48 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM008818.D
 Acq: 24 Jan 2017 01:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	221438		
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

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	8.6	12.8#
100	6.5	6.5	9.7

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