

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
 Data File : BM008759.D
 Acq On : 10 Jan 2017 03:27
 Operator : UM/SJ
 Sample : I1061-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA974MS

Manual Integrations
 APPROVED

Sohil
 1/10/2017 9:58:10 AM

Quant Time: Jan 10 05:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 10 05:39:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	89090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	375947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	291757	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	656314m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	831296	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	783691	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	4197	2.18	ng/uL	0.00
5) Phenol-d5	7.10	99	87504	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	156319	31.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	138156	27.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	116203	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	70500	30.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	85592	33.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	174544	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	12974	2.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	651916	33.87	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	735229	32.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	36542	11.61	ng/ul	0.00
57) Fluorene-d10	15.57	176	586927	33.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	116149	34.33	ng/ul	0.00
70) Anthracene-d10	17.42	188	983684	34.79	ng/ul	0.00
76) Pyrene-d10	19.71	212	1196902	32.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1117881	34.97	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.13	94	91152	11.59	ng/ul#	67
10) 2-Chlorophenol	7.52	128	136845	26.21	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.76	70	193497	34.17	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.02	107	212324	30.74	ng/ul#	85
49) Acenaphthene	14.64	153	484281	31.45	ng/ul	97
52) 4-Nitrophenol	14.77	109	65780	12.56	ng/ul#	68
54) 2,4-Dinitrotoluene	14.94	165	181056	35.59	ng/ul#	94
68) Pentachlorophenol	16.96	266	164614	34.38	ng/ul	96
77) Pvrene	19.74	202	1502851	33.61	ng/ul#	93

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

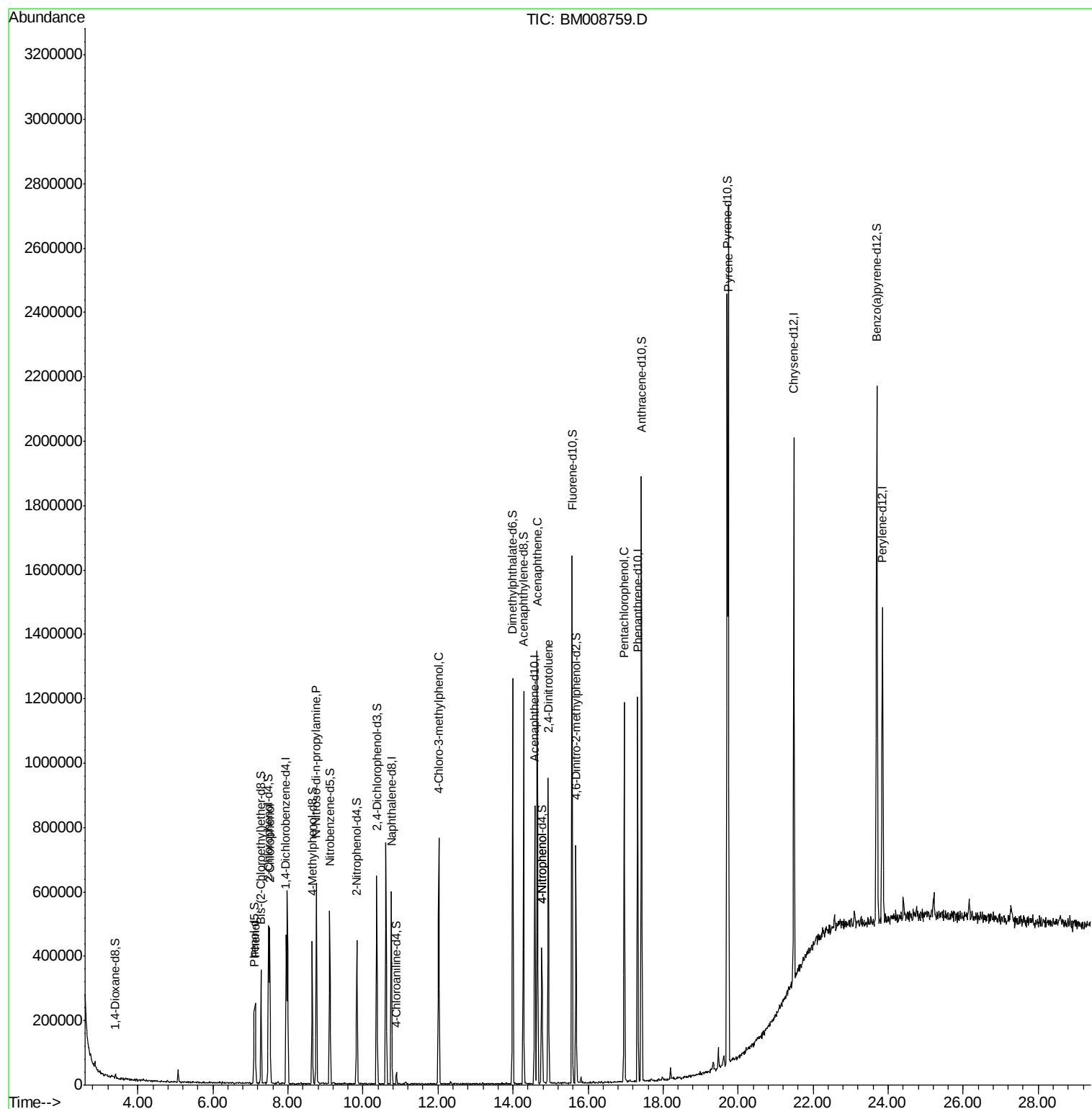
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
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ALS Vial : 16 Sample Multiplier: 1

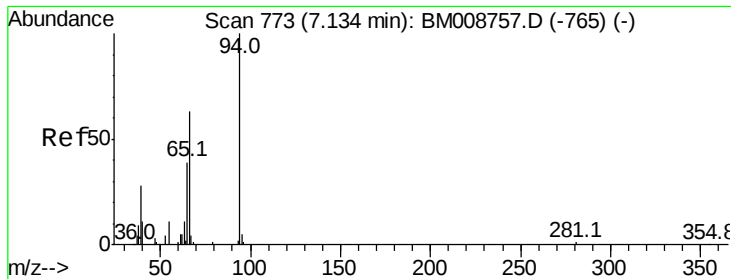
Instrument :
BNA_M
ClientSampleId :
DA974MS

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 11.59 ng/ul

RT: 7.13 min Scan# 772

Delta R.T. -0.01 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Instrument :

BNA_M

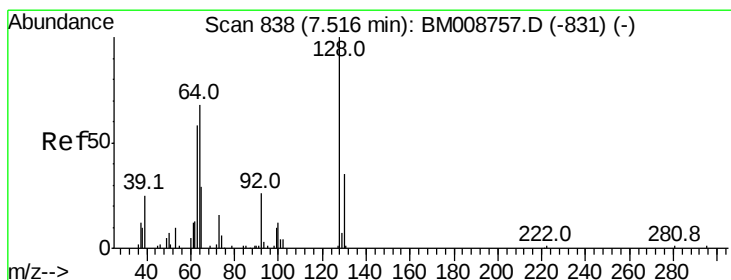
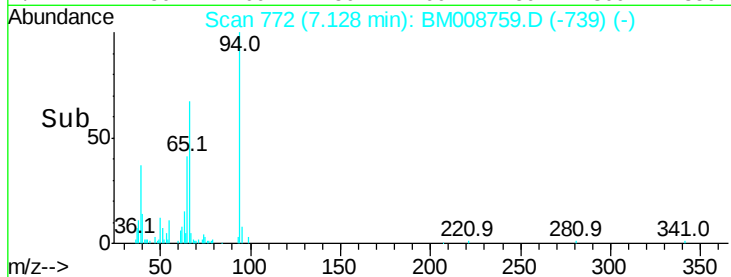
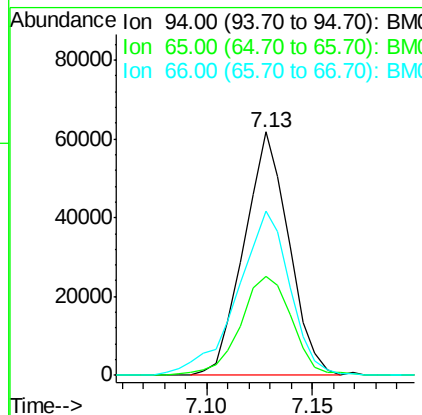
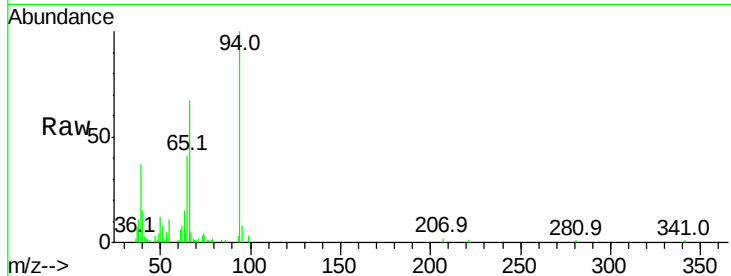
ClientSampleId :

DA974MS

Tot Ion:	94	Resp:	91152
Ion Ratio	Lower	Upper	
94	100		
65	40.6	23.1	34.7#
66	67.5	33.7	50.5#

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#10

2-Chlorophenol

Concen: 26.21 ng/ul

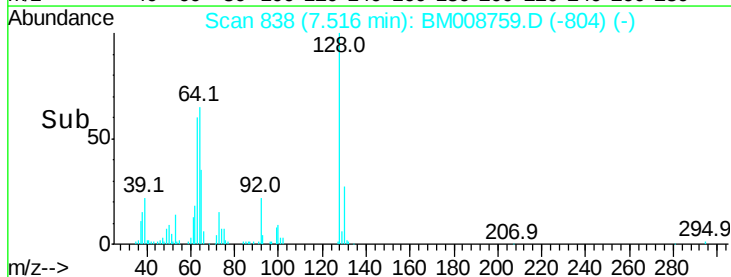
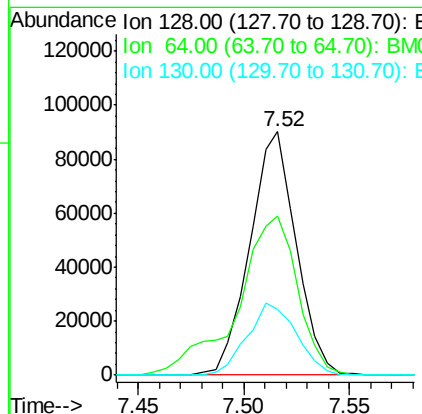
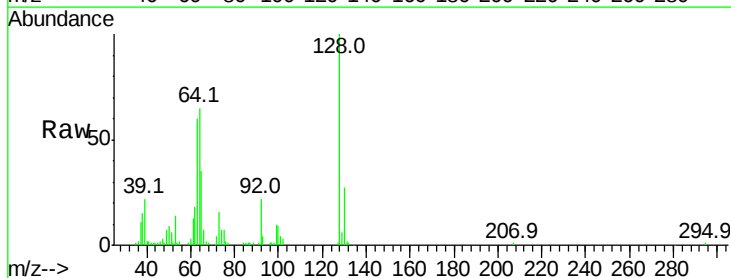
RT: 7.52 min Scan# 838

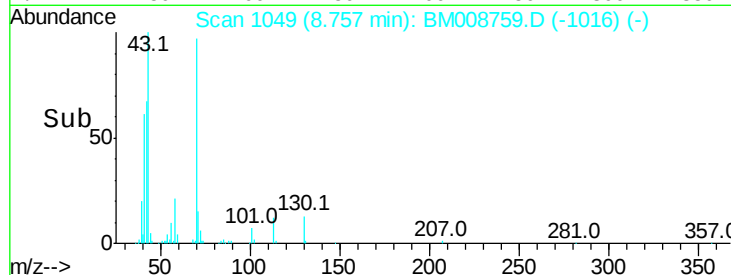
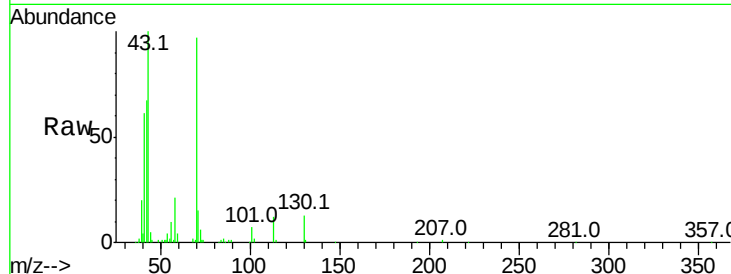
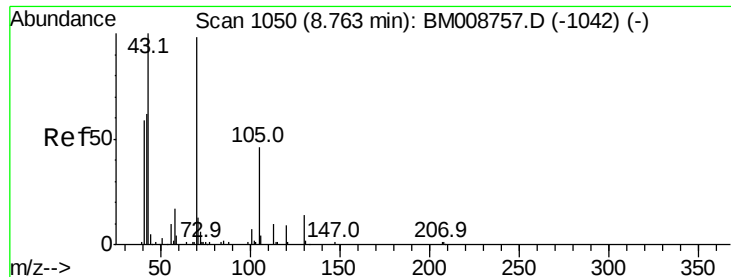
Delta R.T. 0.00 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Tgt Ion:	128	Resp:	136845
Ion Ratio	Lower	Upper	
128	100		
64	65.4	38.7	58.1#
130	26.9	26.9	40.3





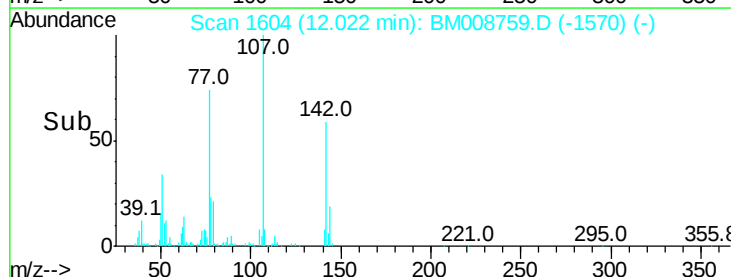
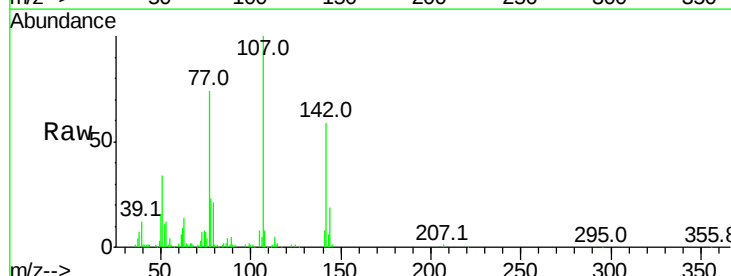
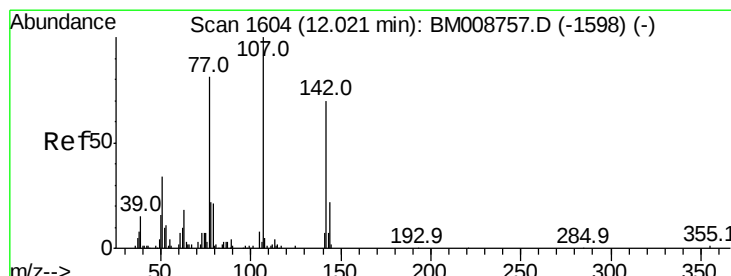
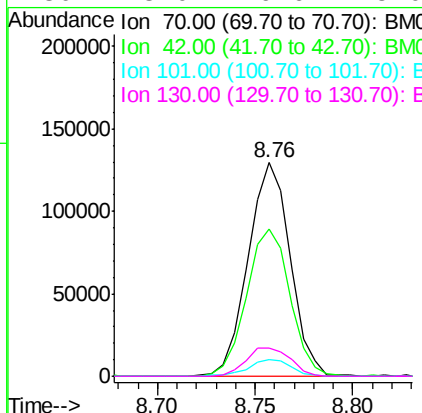
#15
N-Nitroso-di-n-propylamine
Concen: 34.17 ng/ul
RT: 8.76 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM008759.D
Acq: 10 Jan 2017 03:27

Instrument :
BNA_M
ClientSampleId :
DA974MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	37.5	56.3#
101	7.7	7.8	11.8#
130	13.0	16.6	25.0#

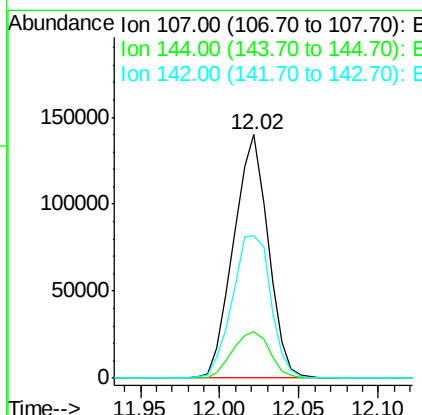
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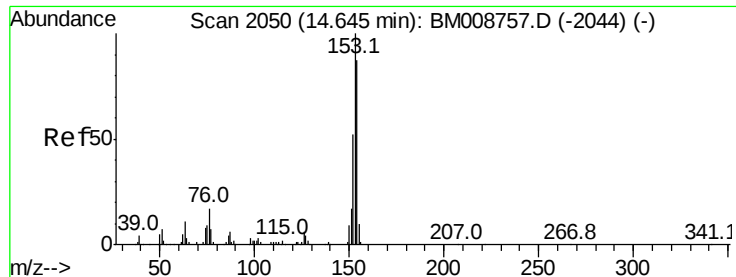
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#33
4-Chloro-3-methylphenol
Concen: 30.74 ng/ul
RT: 12.02 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM008759.D
Acq: 10 Jan 2017 03:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.9	19.4	29.2#
142	58.7	58.0	87.0





#49

Acenaphthene

Concen: 31.45 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Instrument :

BNA_M

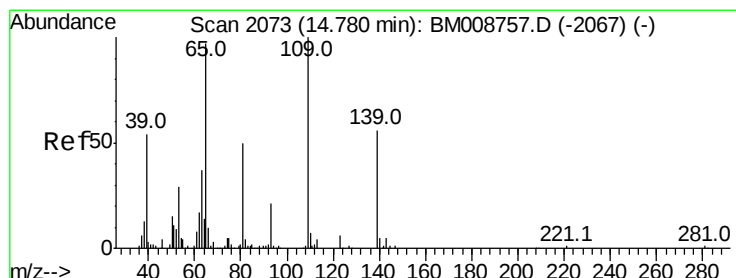
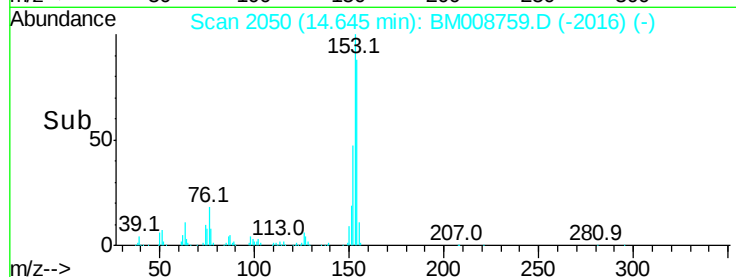
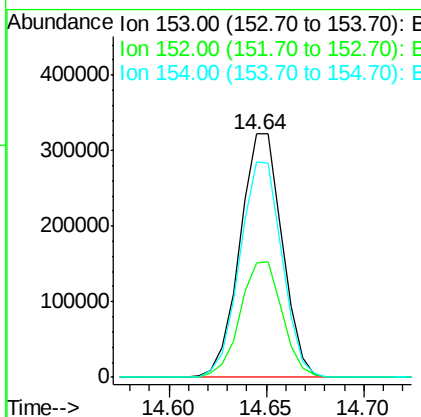
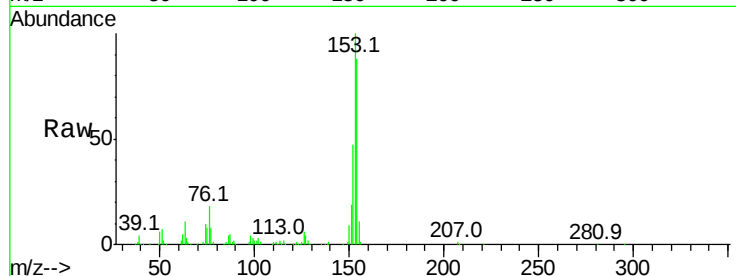
ClientSampleId :

DA974MS

Tot Ion:	153	Resp:	484281
Ion Ratio	Lower	Upper	
153	100		
152	47.2	36.4	54.6
154	88.3	68.7	103.1

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#52

4-Nitrophenol

Concen: 12.56 ng/ul

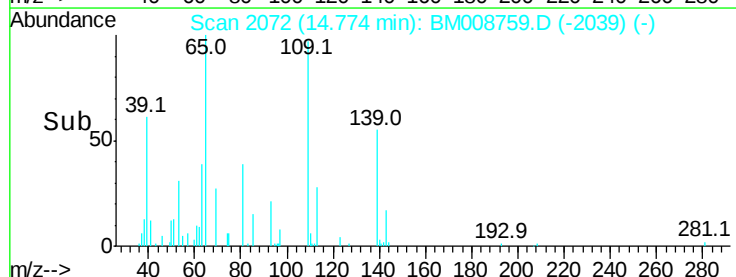
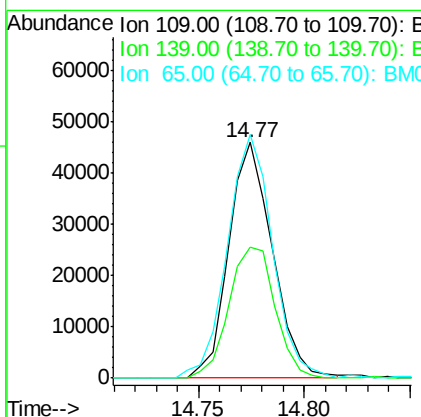
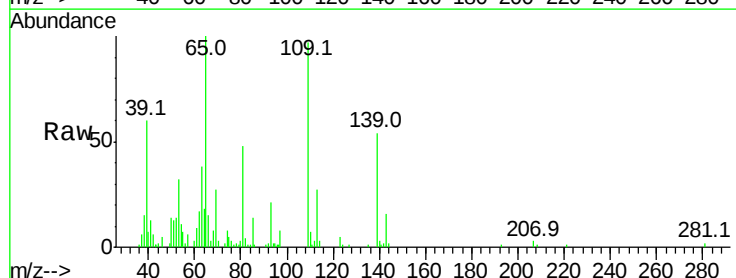
RT: 14.77 min Scan# 2072

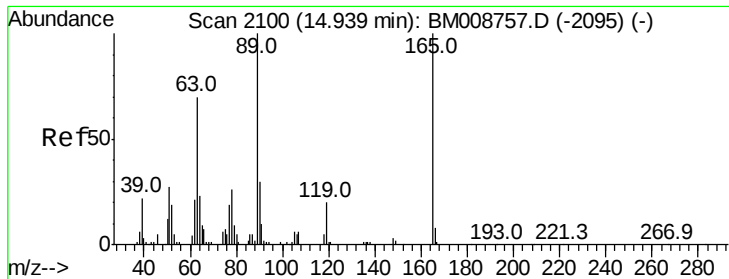
Delta R.T. -0.01 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Tgt Ion:	109	Resp:	65780
Ion Ratio	Lower	Upper	
109	100		
139	55.8	85.4	128.2#
65	103.5	97.7	146.5





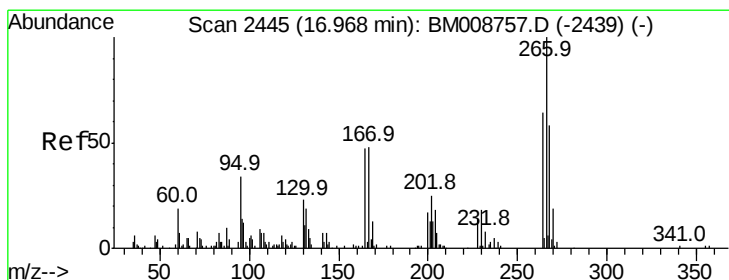
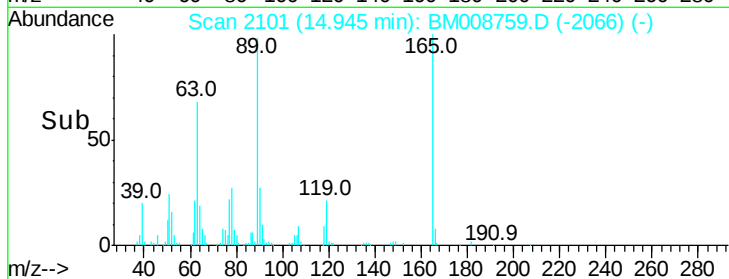
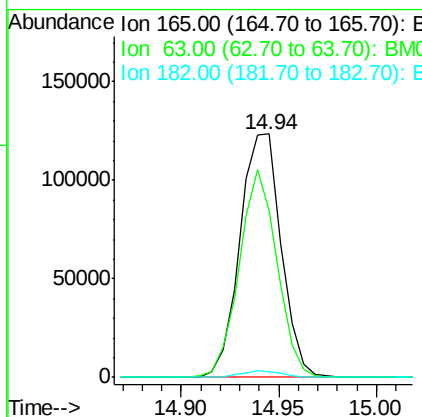
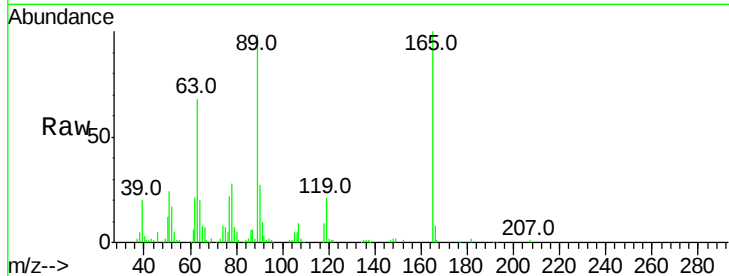
#54
 2,4-Dinitrotoluene
 Concen: 35.59 ng/ul
 RT: 14.94 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

Instrument :
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 DA974MS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.3	50.6	76.0
182	2.4	2.7	4.1#

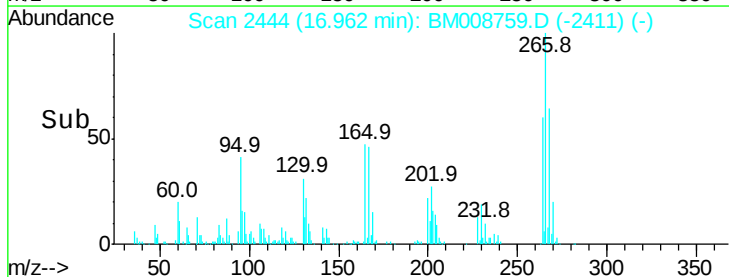
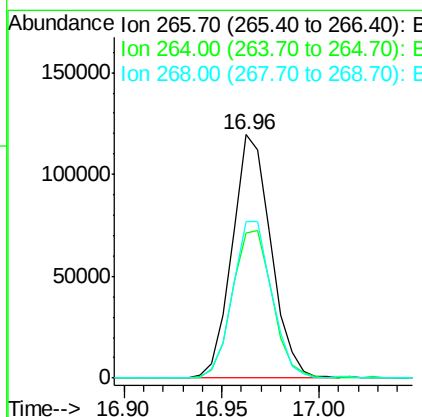
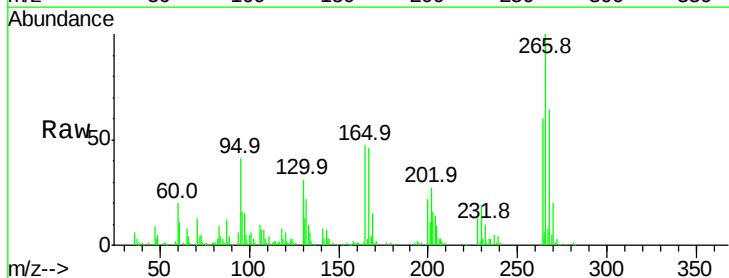
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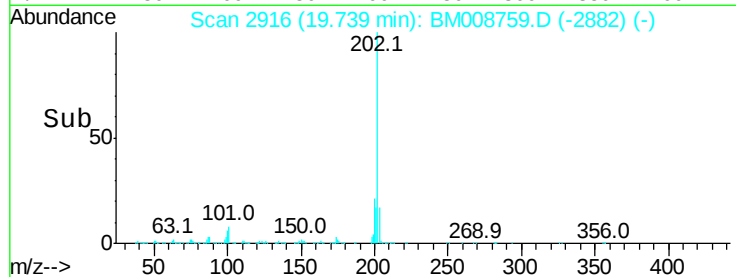
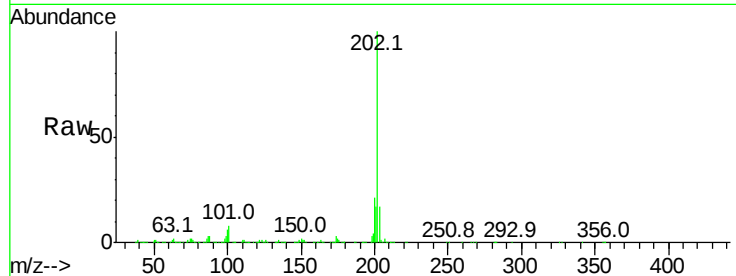
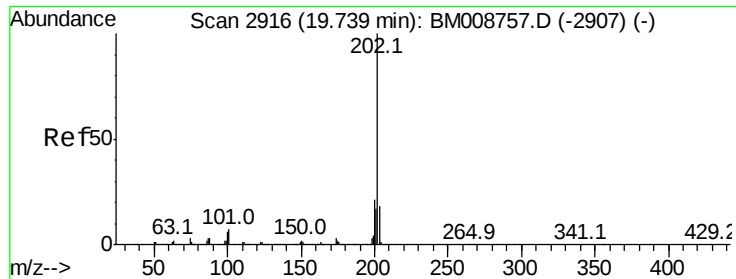
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#68
 Pentachlorophenol
 Concen: 34.38 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM008759.D
 Acq: 10 Jan 2017 03:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	59.7	50.6	75.8
268	64.1	49.1	73.7





#77

Pvrene

Concen: 33.61 ng/ul

RT: 19.74 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BM008759.D

Acq: 10 Jan 2017 03:27

Instrument :

BNA_M

ClientSampleId :

DA974MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1502851		
101	7.5		8.6	12.8#
100	6.4		6.5	9.7#

Manual Integrations
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