

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081916\
 Data File : BM007238.D
 Acq On : 19 Aug 2016 15:41
 Operator : UM/SJ
 Sample : H4436-17MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA215MS

Quant Time: Aug 19 16:59:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	257624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1028967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	587065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1370103	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1638726	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1713568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	20506	3.48	ng/uL	0.00
5) Phenol-d5	6.97	99	413448	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	235343	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	342240	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	333129	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	160253	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	175032	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	338598	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	359116	18.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1036941	21.38	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1272616	21.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	175364	20.17	ng/ul	0.00
57) Fluorene-d10	15.43	176	915857	21.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	83899	11.08	ng/ul	0.00
70) Anthracene-d10	17.27	188	1461097	23.02	ng/ul	0.00
76) Pyrene-d10	19.57	212	1859154	26.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2025813	25.85	ng/ul	0.01

Target Compounds

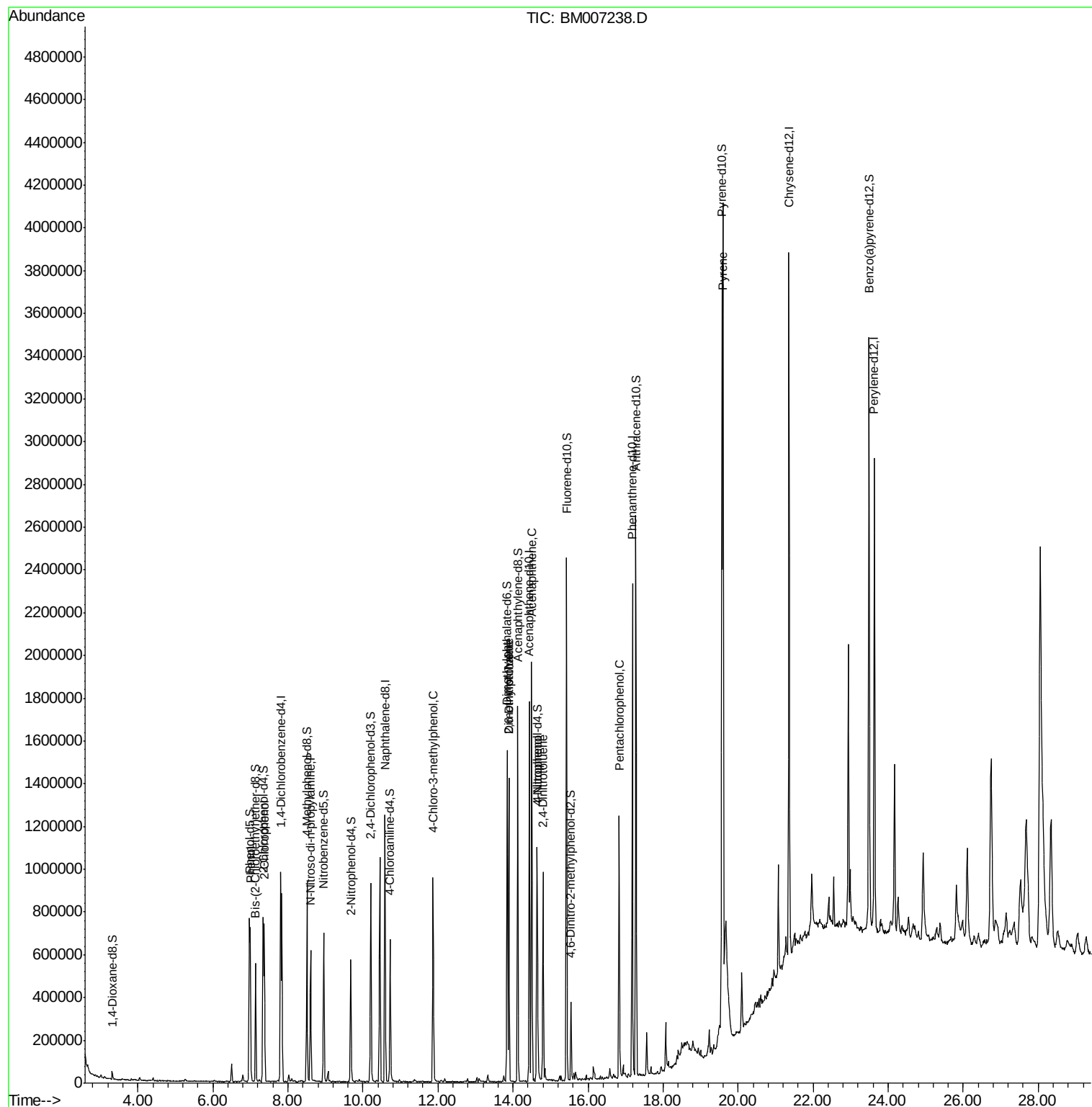
						Qvalue
6) Phenol	7.00	94	375521	17.08	ng/ul	99
10) 2-Chlorophenol	7.37	128	303530	17.85	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	237312	17.24	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	332289	18.25	ng/ul	97
44) Dimethylphthalate	13.89	163	902580	18.62	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	9939	1.05	ng/ul#	50
49) Acenaphthene	14.50	153	762493	19.58	ng/ul	99
52) 4-Nitrophenol	14.65	109	158106	17.89	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	266259	19.15	ng/ul	100
68) Pentachlorophenol	16.83	266	219458	20.32	ng/ul	97
77) Pyrene	19.60	202	2187979	24.15	ng/ul	100

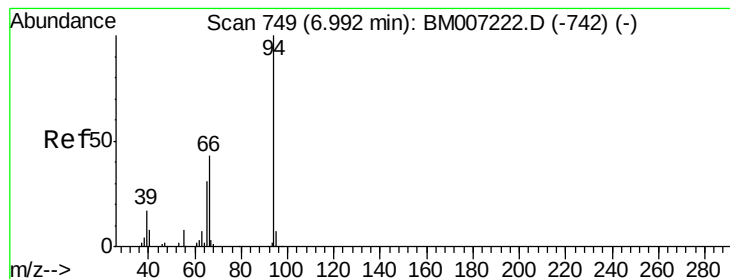
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 17.08 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.01 min

Lab File: BM007238.D

Acq: 19 Aug 2016 15:41

Instrument :

BNA_M

ClientSampleId :

DA215MS

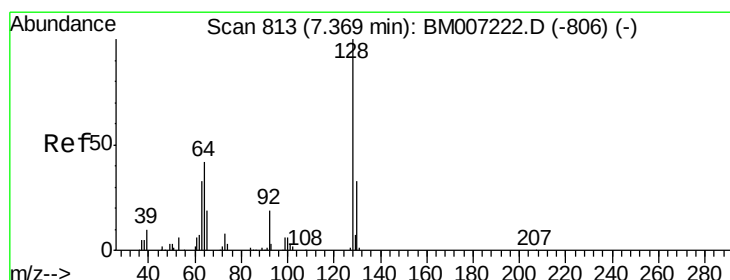
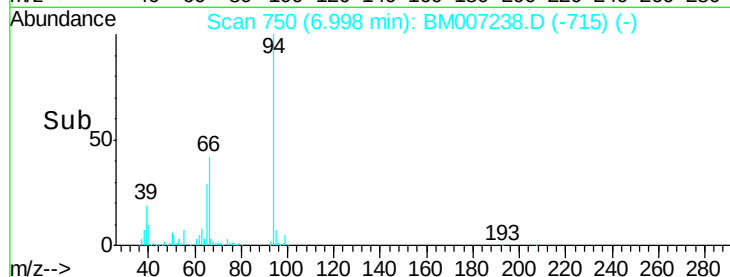
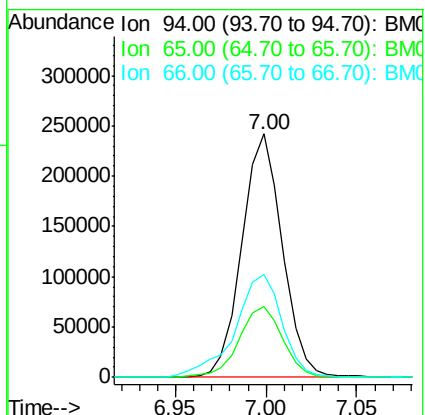
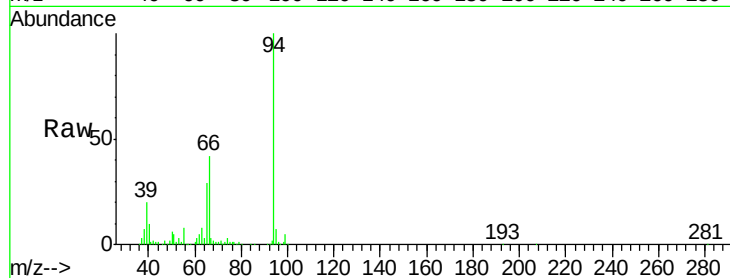
Tgt Ion: 94 Resp: 375521

Ion Ratio Lower Upper

94 100

65 29.1 23.9 35.9

66 42.2 33.5 50.3



#10

2-Chlorophenol

Concen: 17.85 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007238.D

Acq: 19 Aug 2016 15:41

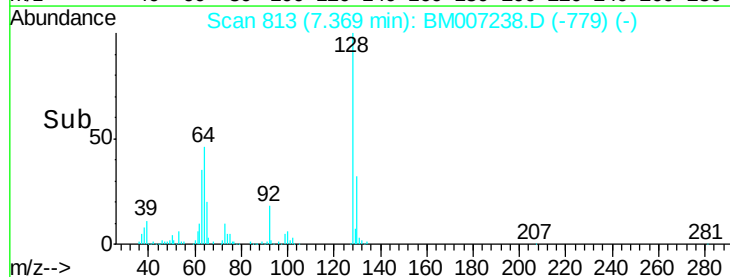
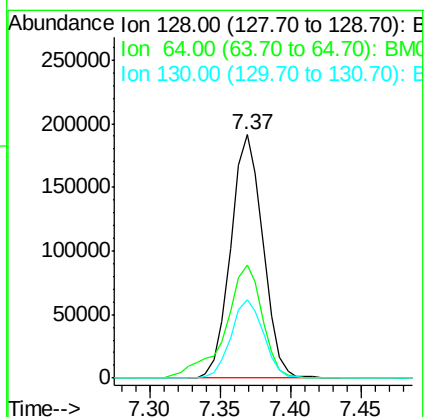
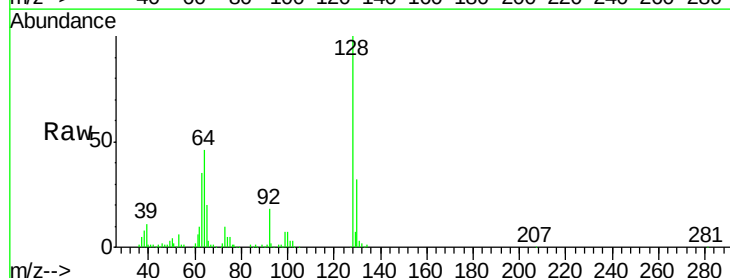
Tgt Ion: 128 Resp: 303530

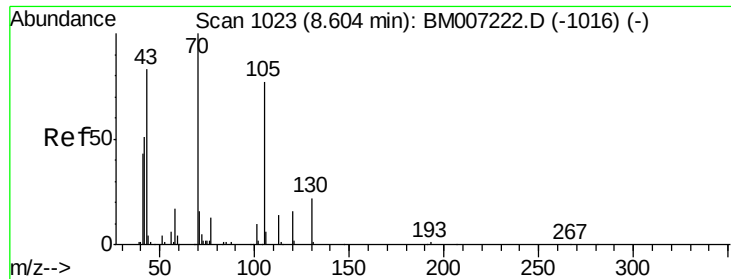
Ion Ratio Lower Upper

128 100

64 46.5 37.5 56.3

130 32.4 25.0 37.4

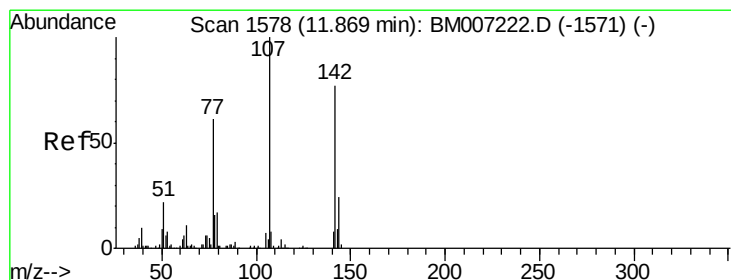
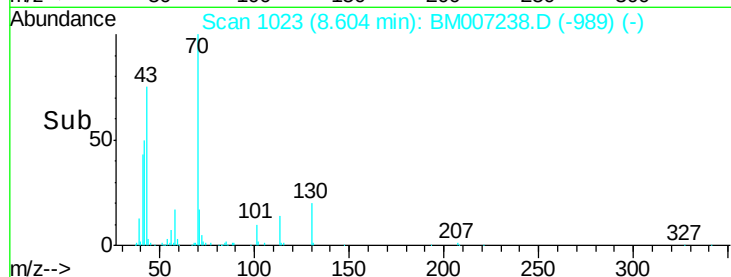
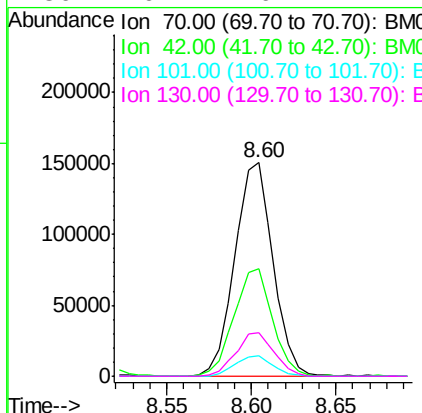
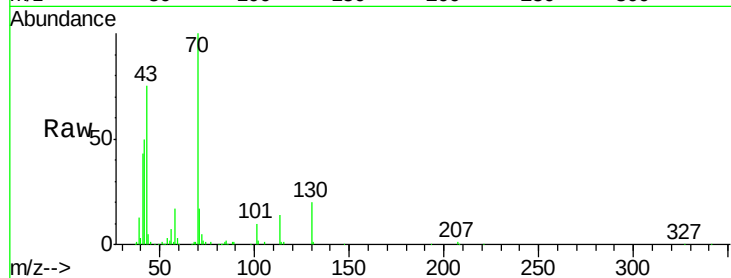




#15
N-Nitroso-di-n-propylamine
Concen: 17.24 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

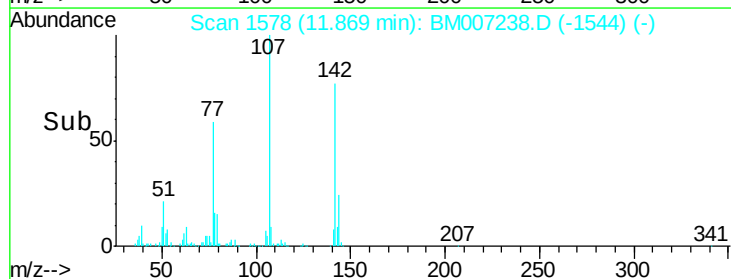
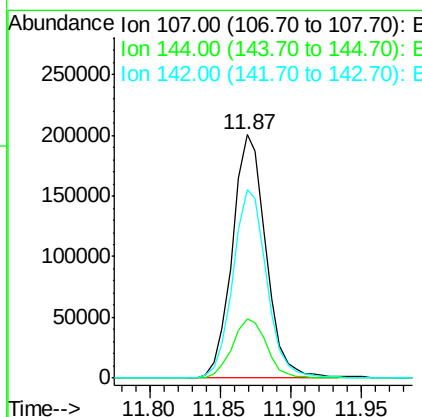
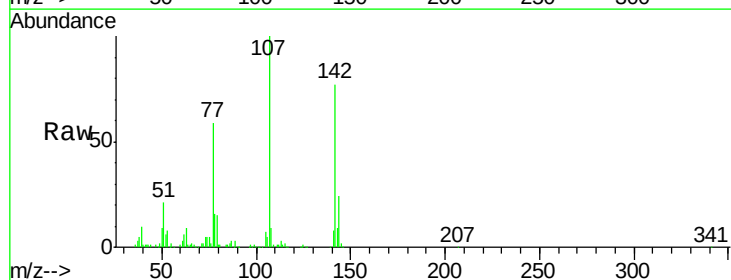
Instrument :
BNA_M
ClientSampleId :
DA215MS

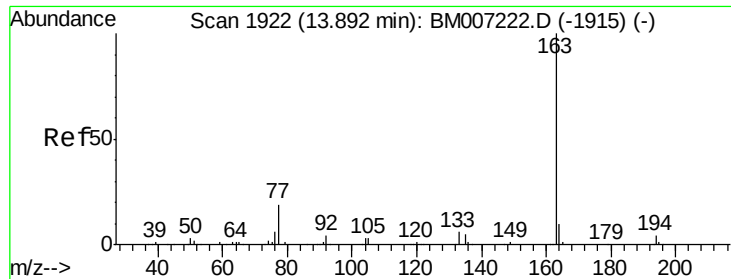
Tgt Ion:	70	Resp:	237312
Ion	Ratio	Lower	Upper
70	100		
42	50.4	43.4	65.2
101	9.8	7.8	11.6
130	20.2	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 18.25 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:	107	Resp:	332289
Ion	Ratio	Lower	Upper
107	100		
144	24.4	21.1	31.7
142	77.2	64.1	96.1

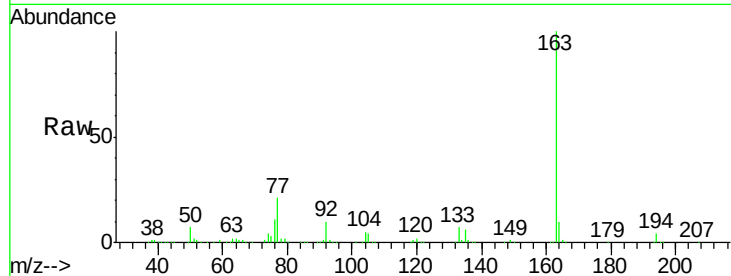




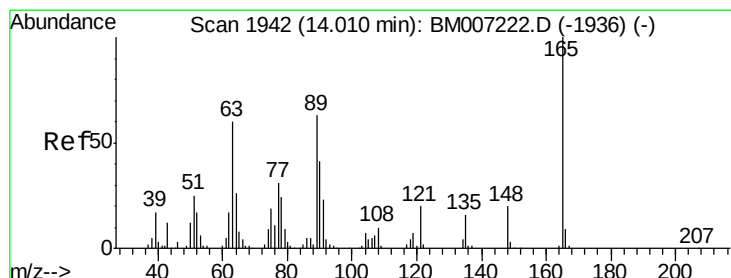
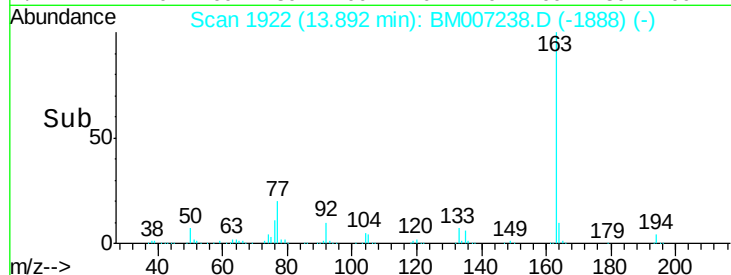
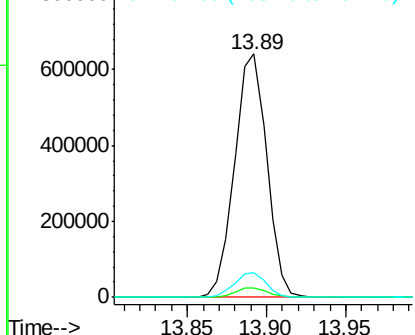
#44
Dimethylphthalate
Concen: 18.62 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion:163 Resp: 902580
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 7.8 11.8

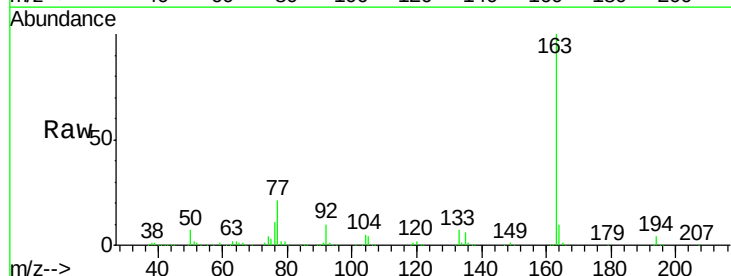


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

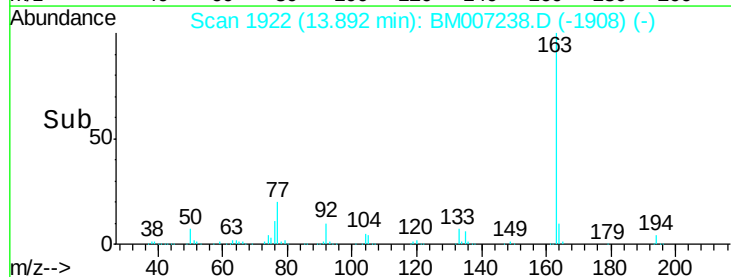
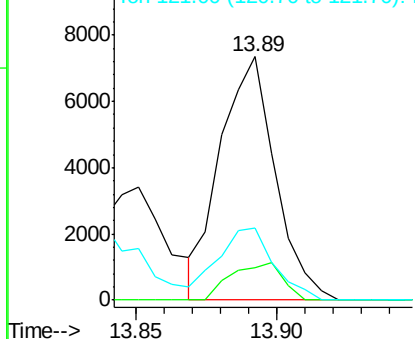


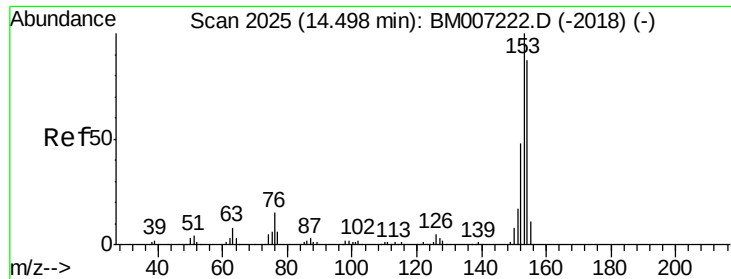
#45
2,6-Dinitrotoluene
Concen: 1.05 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.12 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:165 Resp: 9939
Ion Ratio Lower Upper
165 100
89 13.2 46.6 69.8#
121 29.8 16.0 24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#49

Acenaphthene

Concen: 19.58 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007238.D

Acq: 19 Aug 2016 15:41

Instrument :

BNA_M

ClientSampleId :

DA215MS

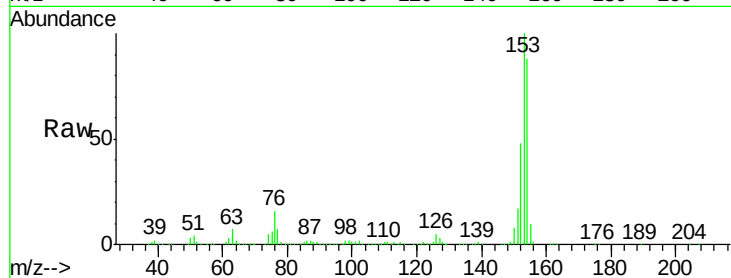
Tgt Ion:153 Resp: 762493

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

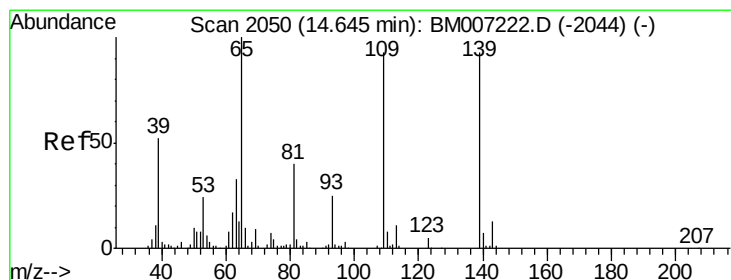
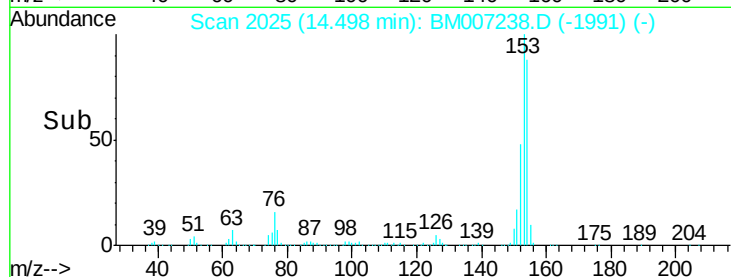
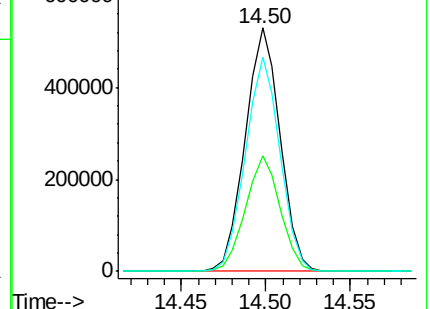
154 87.8 71.4 107.0



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: 17.89 ng/ul

RT: 14.65 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BM007238.D

Acq: 19 Aug 2016 15:41

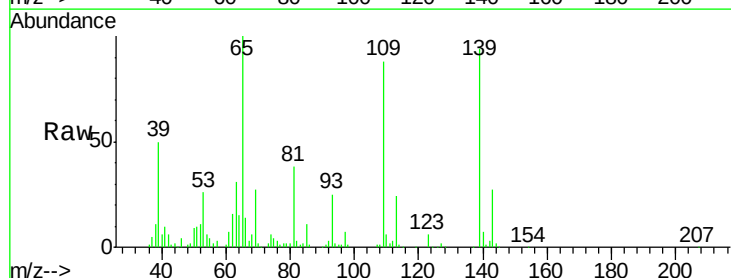
Tgt Ion:109 Resp: 158106

Ion Ratio Lower Upper

109 100

139 106.5 88.7 133.1

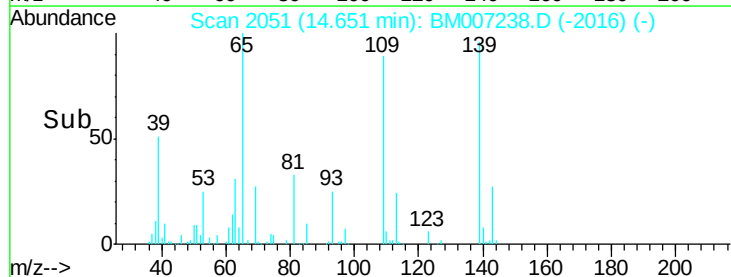
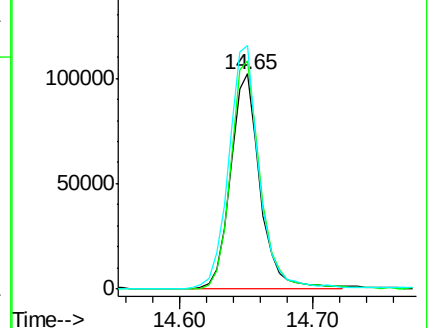
65 113.3 96.4 144.6

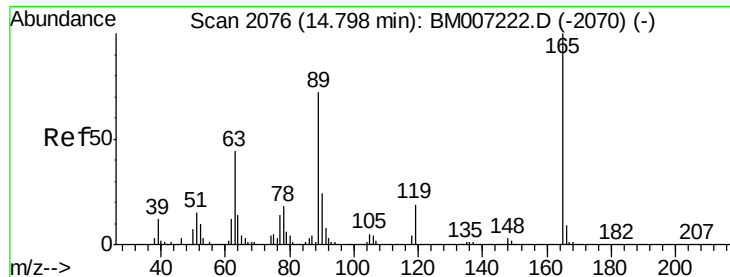


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

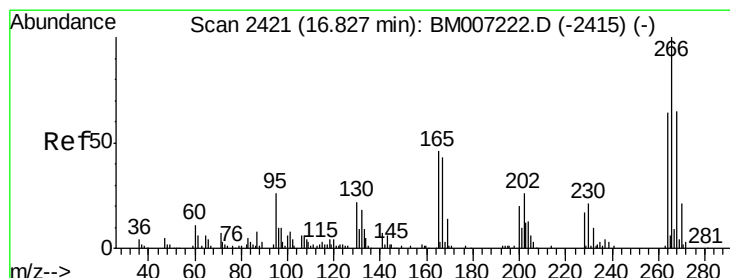
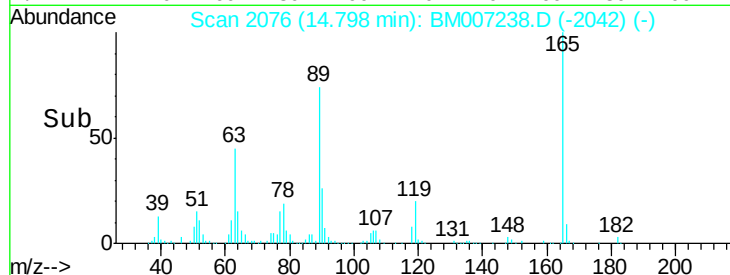
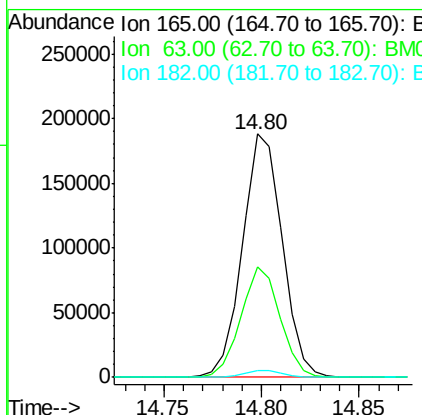
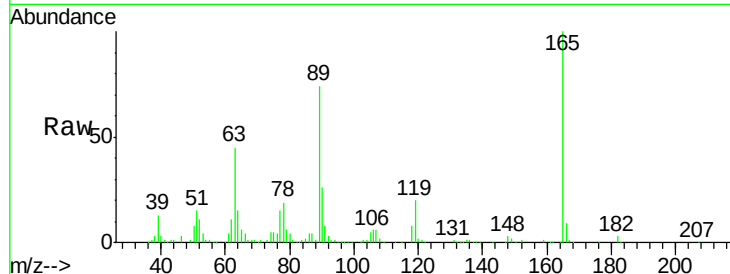




#54
 2,4-Dinitrotoluene
 Concen: 19.15 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007238.D
 Acq: 19 Aug 2016 15:41

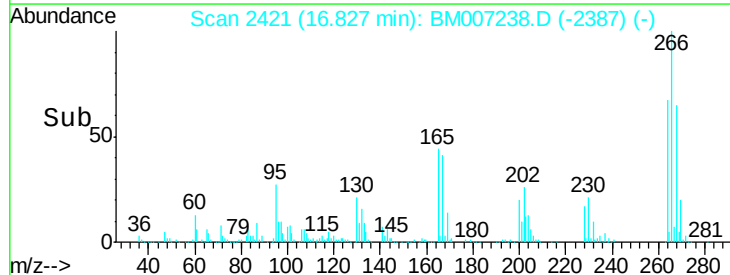
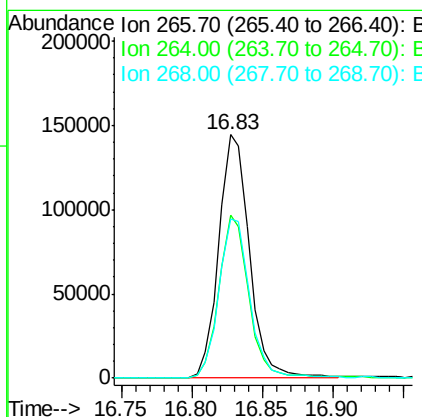
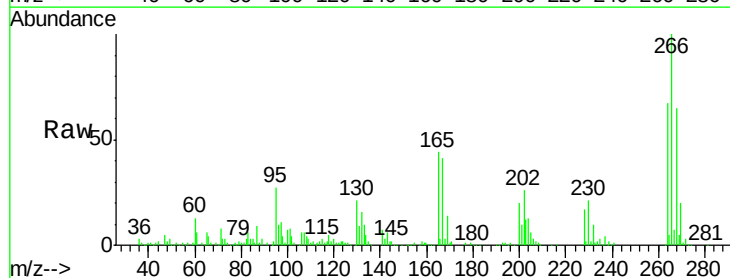
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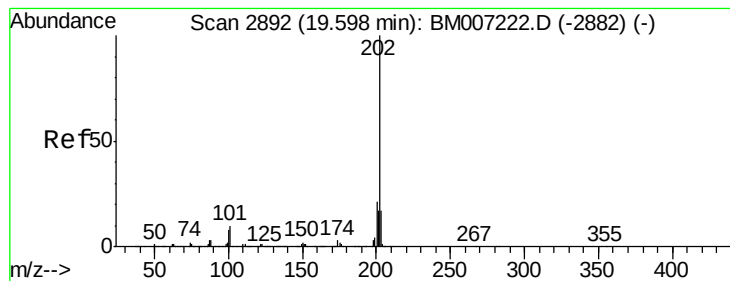
Tgt Ion:	165	Resp:	266259
Ion Ratio	Lower	Upper	
165	100		
63	45.1	36.2	54.2
182	3.1	2.2	3.4



#68
 Pentachlorophenol
 Concen: 20.32 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007238.D
 Acq: 19 Aug 2016 15:41

Tgt Ion:	266	Resp:	219458
Ion Ratio	Lower	Upper	
266	100		
264	66.8	50.6	75.8
268	65.1	51.0	76.6





#77

Pyrene

Concen: 24.15 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BM007238.D

Acq: 19 Aug 2016 15:41

Instrument :

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ClientSampleId :

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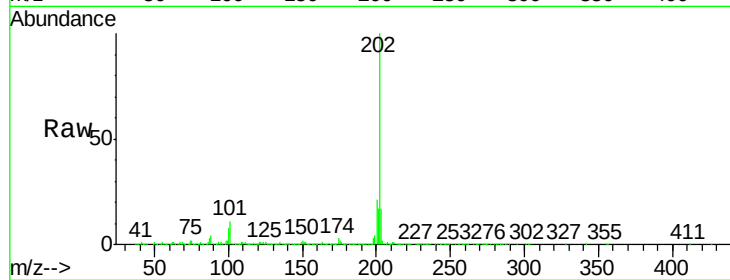
Tgt Ion: 202 Resp: 2187979

Ion Ratio Lower Upper

202 100

101 10.6 8.4 12.6

100 8.4 6.9 10.3



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

