

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
 Data File : BM007768.D
 Acq On : 07 Nov 2016 11:36
 Operator : UM/SJ
 Sample : H5532-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0103MS

Quant Time: Nov 07 13:05:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 24 12:55:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	173389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	658803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	409912	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	810394	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1012464	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1046353	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7338	1.81	ng/uL	0.00
5) Phenol-d5	6.92	99	104649	7.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	288763	36.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	317309	30.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	192720	18.40	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	188694	39.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	204529	40.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	345222	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	42374	3.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1129070	40.45	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1347971	40.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	27930	6.33	ng/ul	0.00
57) Fluorene-d10	15.37	176	970004	39.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	165612	34.40	ng/ul	0.00
70) Anthracene-d10	17.23	188	1521639	41.67	ng/ul	0.00
76) Pyrene-d10	19.52	212	1743850	41.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1895757	41.50	ng/ul	0.00

Target Compounds

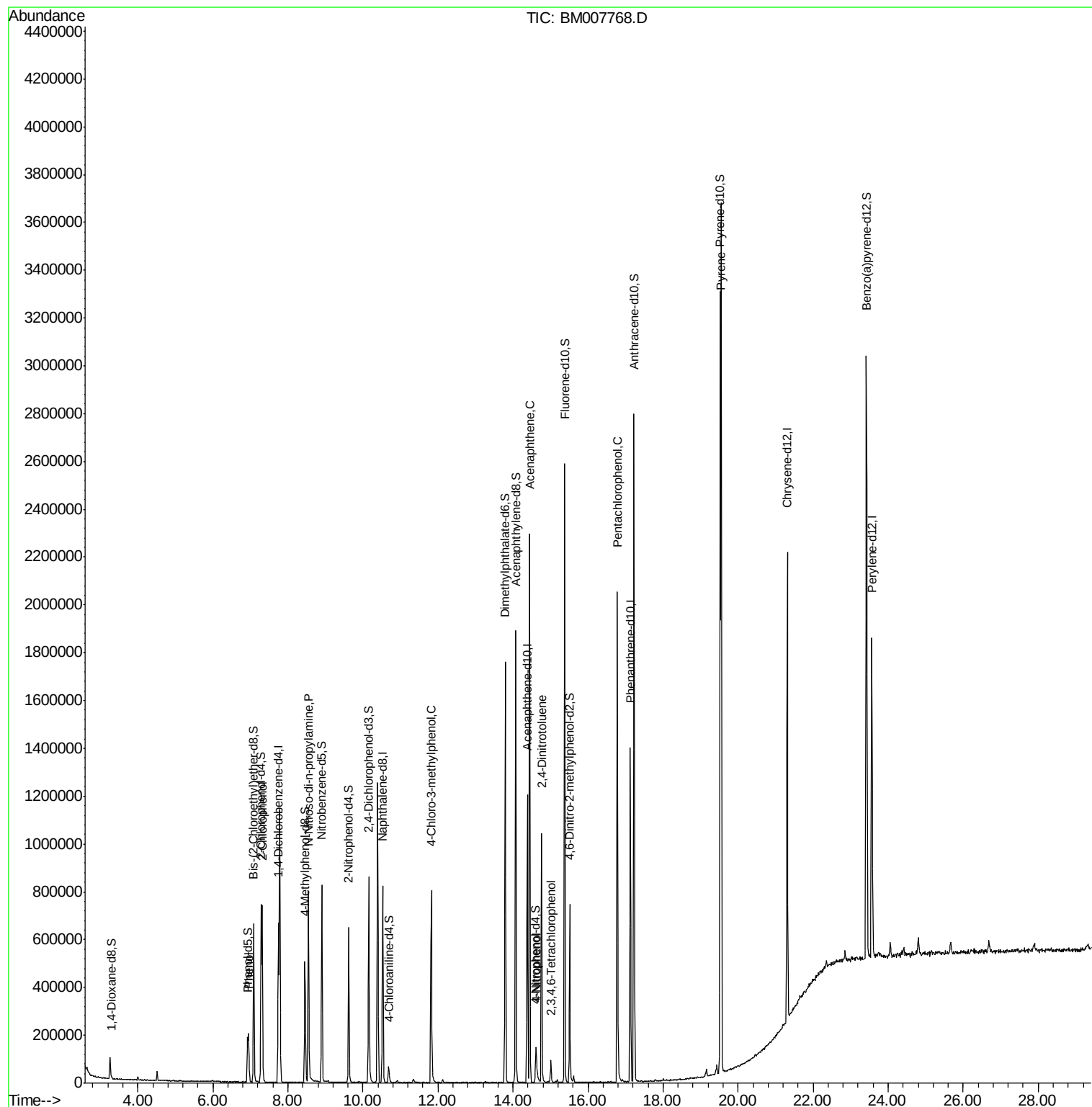
						Ovalue
6) Phenol	6.95	94	113053	8.23	ng/ul	99
10) 2-Chlorophenol	7.32	128	313611	29.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	311723	38.26	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	322469	31.60	ng/ul	94
49) Acenaphthene	14.44	153	898173	38.21	ng/ul	98
52) 4-Nitrophenol	14.62	109	27580	6.30	ng/ul	96
54) 2,4-Dinitrotoluene	14.76	165	297947	40.50	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	22573	3.14	ng/ul#	98
68) Pentachlorophenol	16.78	266	381056	66.41	ng/ul	98
77) Pyrene	19.55	202	2148010	41.07	ng/ul	100

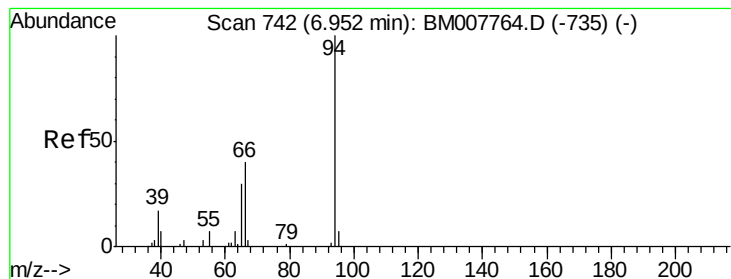
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.23 ng/ul

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007768.D

Acq: 07 Nov 2016 11:36

Instrument :

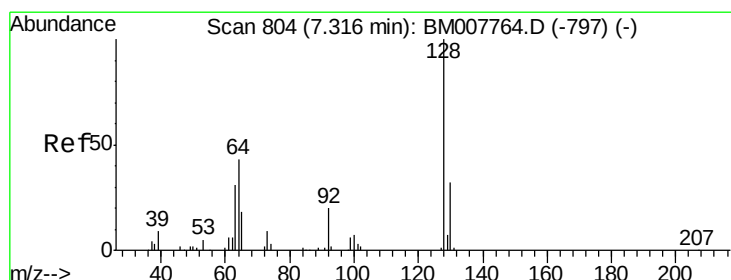
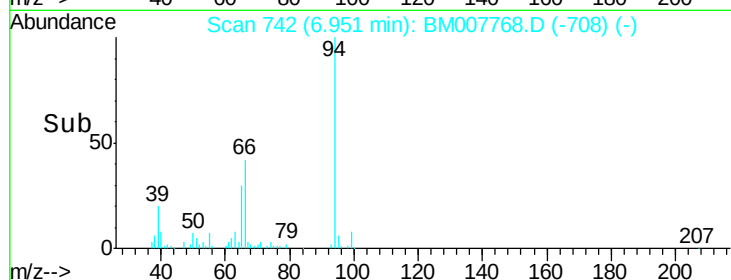
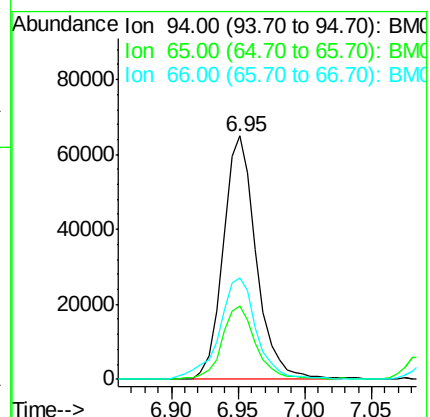
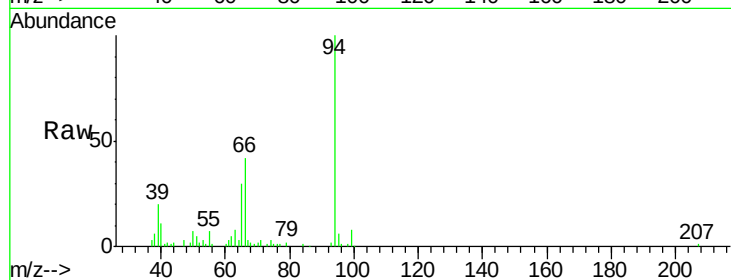
BNA_M

ClientSampleId :

H0103MS

Tot Ion: 94 Resp: 113053

Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.9	35.9
66	41.6	33.5	50.3



#10

2-Chlorophenol

Concen: 29.78 ng/ul

RT: 7.32 min Scan# 804

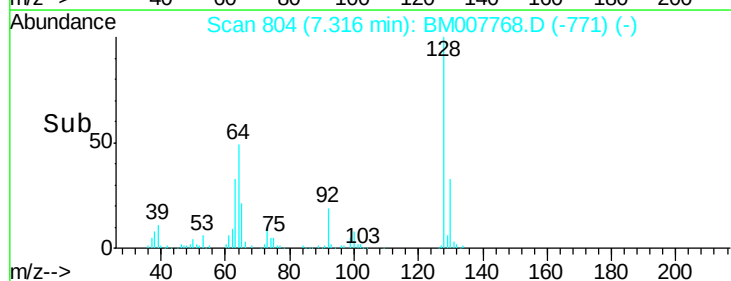
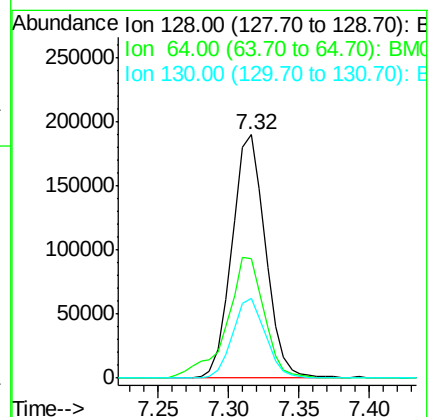
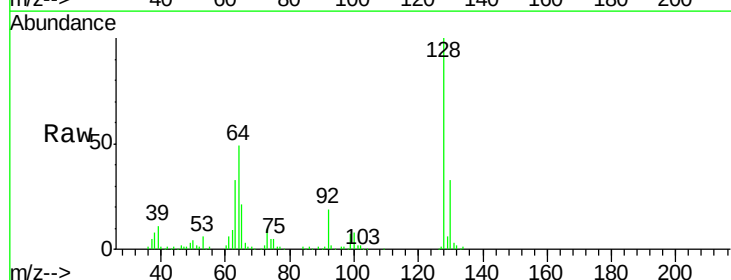
Delta R.T. -0.01 min

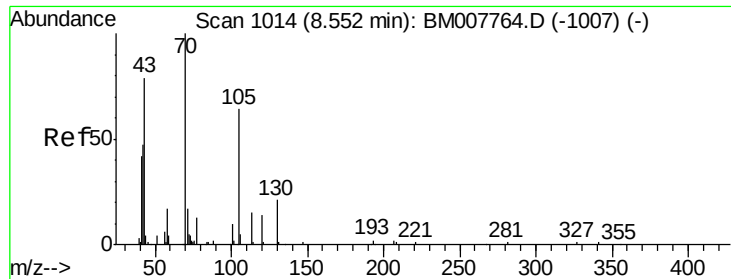
Lab File: BM007768.D

Acq: 07 Nov 2016 11:36

Tgt Ion: 128 Resp: 313611

Ion	Ratio	Lower	Upper
128	100		
64	49.1	37.5	56.3
130	32.8	25.0	37.4

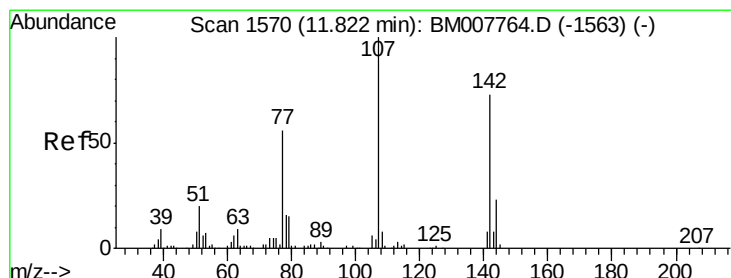
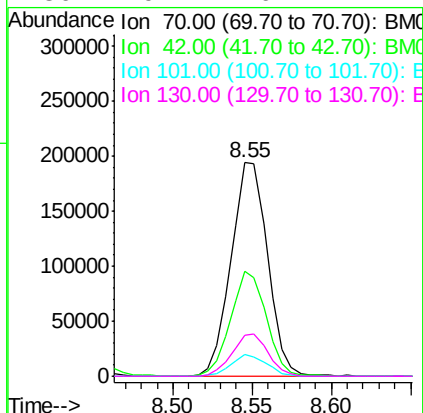
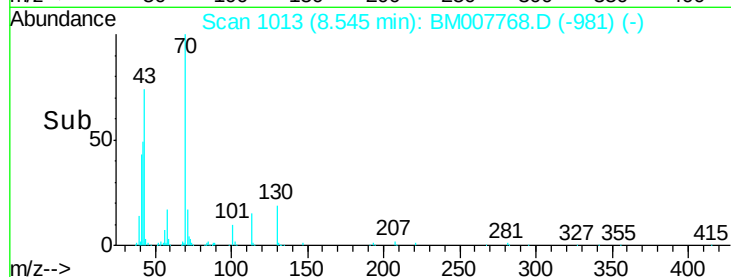
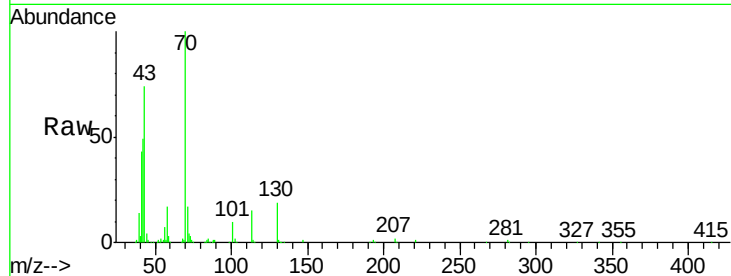




#15
N-Nitroso-di-n-propylamine
Concen: 38.26 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

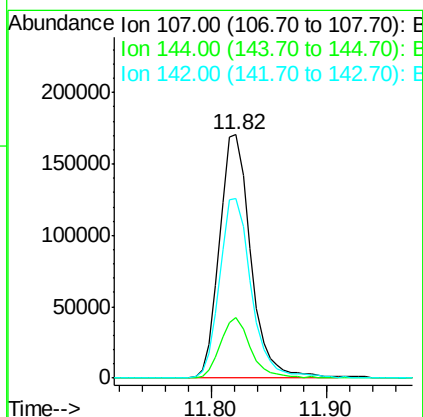
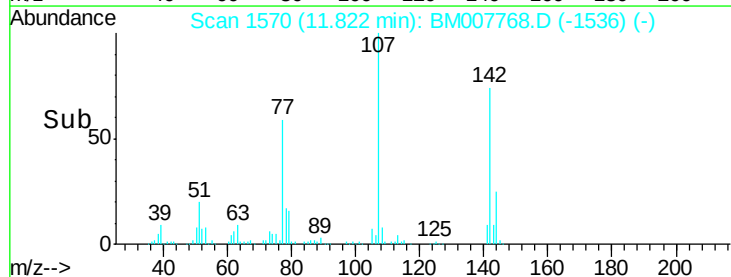
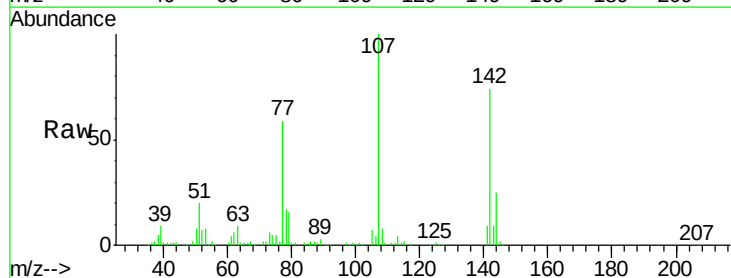
Instrument :
BNA_M
ClientSampleId :
H0103MS

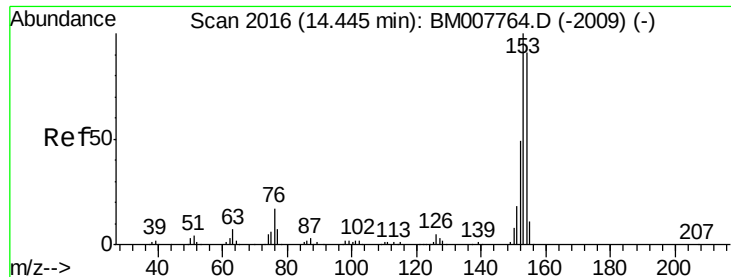
Tot Ion:	70	Resp:	311723
Ion	Ratio	Lower	Upper
70	100		
42	49.3	43.4	65.2
101	10.2	7.8	11.6
130	19.2	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 31.60 ng/ul
RT: 11.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:	107	Resp:	322469
Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	74.0	64.1	96.1





#49

Acenaphthene

Concen: 38.21 ng/ul

RT: 14.44 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BM007768.D

Acq: 07 Nov 2016 11:36

Instrument :

BNA_M

ClientSampleId :

H0103MS

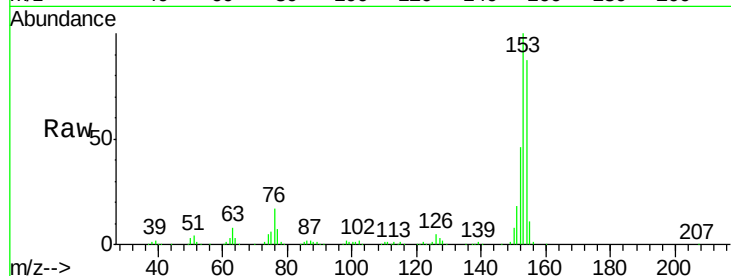
Tot Ion:153 Resp: 898173

Ion Ratio Lower Upper

153 100

152 46.3 37.8 56.6

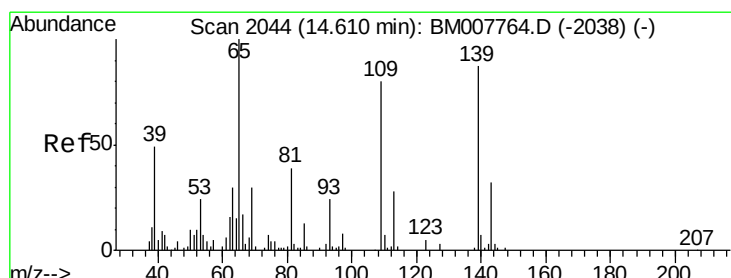
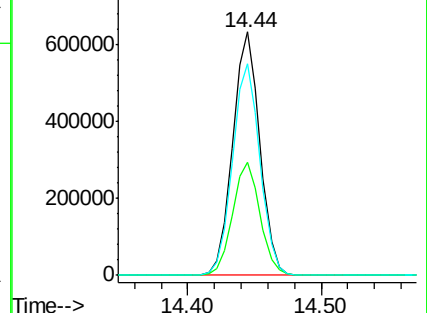
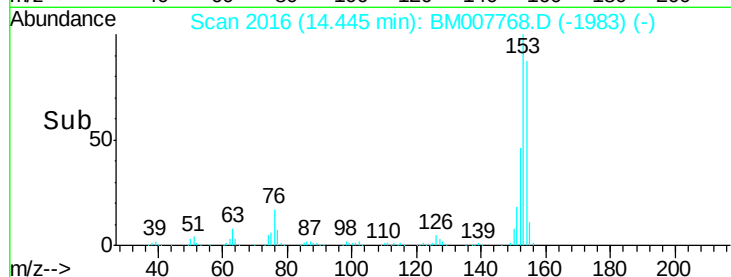
154 86.7 71.4 107.0



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: 6.30 ng/ul

RT: 14.62 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BM007768.D

Acq: 07 Nov 2016 11:36

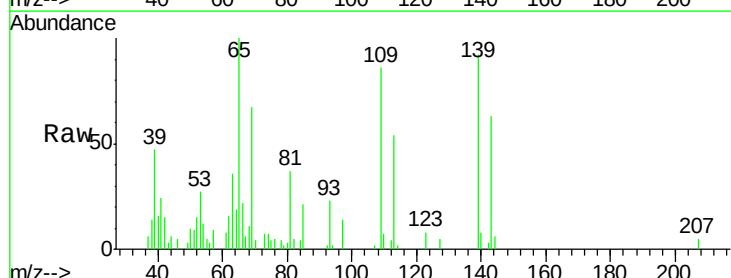
Tgt Ion:109 Resp: 27580

Ion Ratio Lower Upper

109 100

139 106.3 88.7 133.1

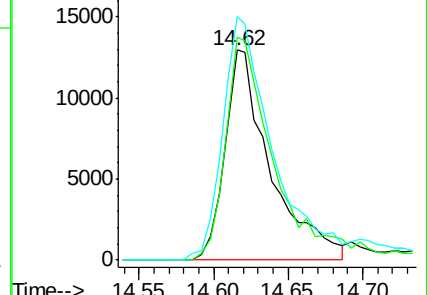
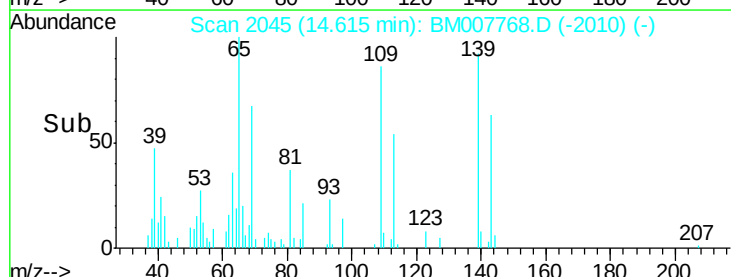
65 115.9 96.4 144.6

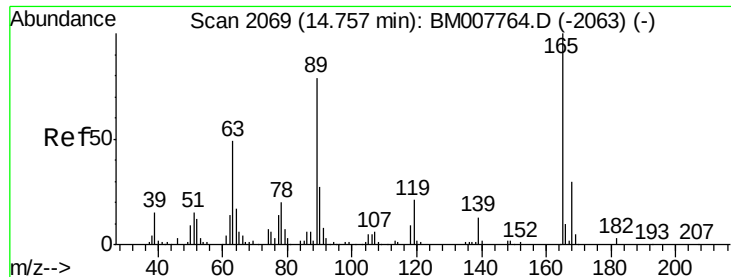


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

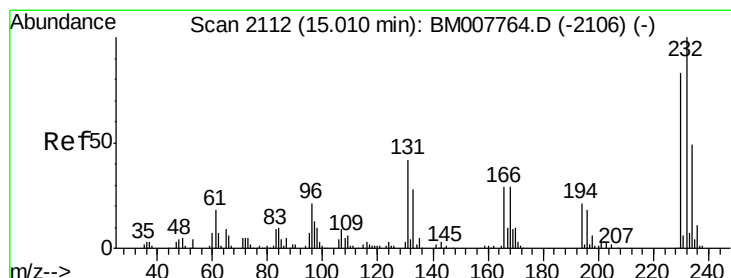
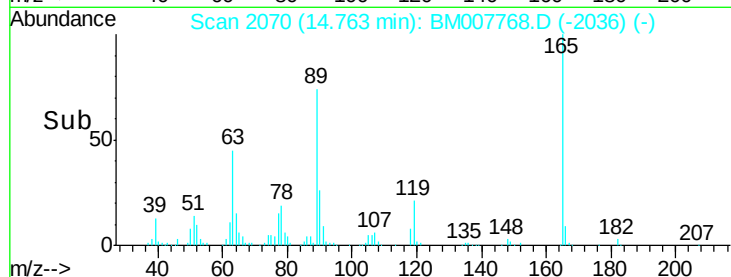
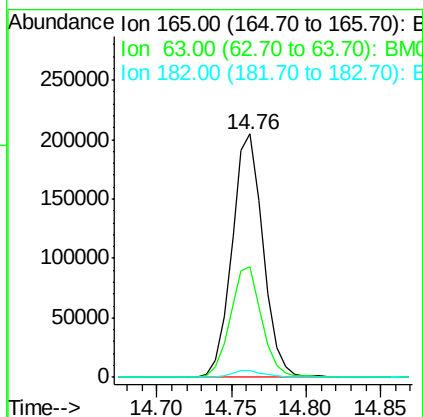
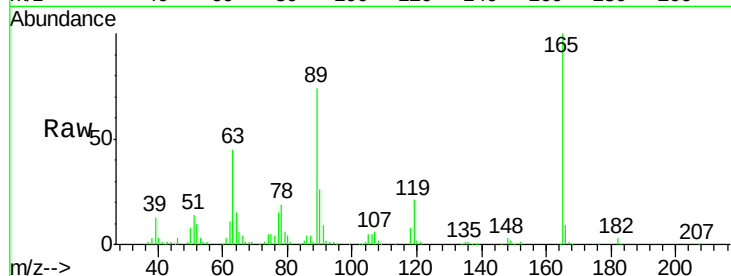




#54
 2,4-Dinitrotoluene
 Concen: 40.50 ng/ul
 RT: 14.76 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BM007768.D
 Acq: 07 Nov 2016 11:36

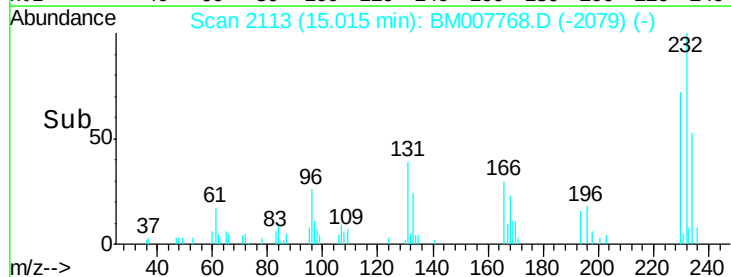
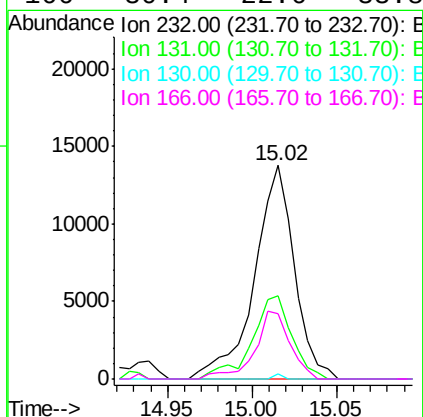
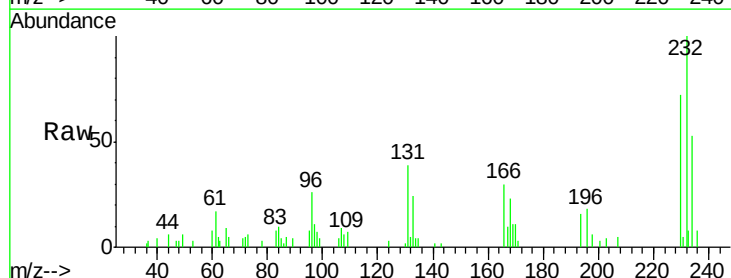
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 BNA_M
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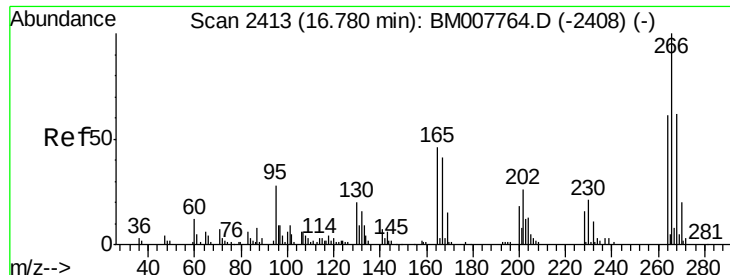
Tot Ion:165 Resp: 297947
 Ion Ratio Lower Upper
 165 100
 63 45.3 36.2 54.2
 182 2.8 2.2 3.4



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 3.14 ng/ul
 RT: 15.02 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM007768.D
 Acq: 07 Nov 2016 11:36

Tgt Ion:232 Resp: 22573
 Ion Ratio Lower Upper
 232 100
 131 39.1 31.4 47.0
 130 2.5 1.6 2.4#
 166 30.4 22.6 33.8

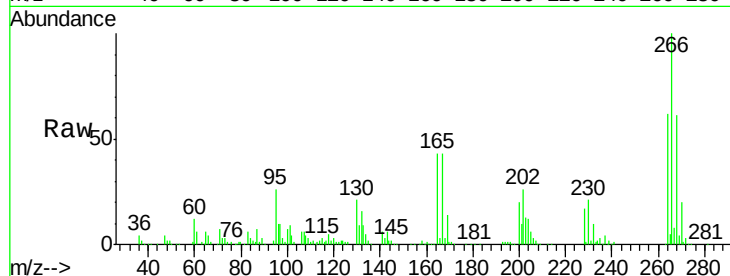




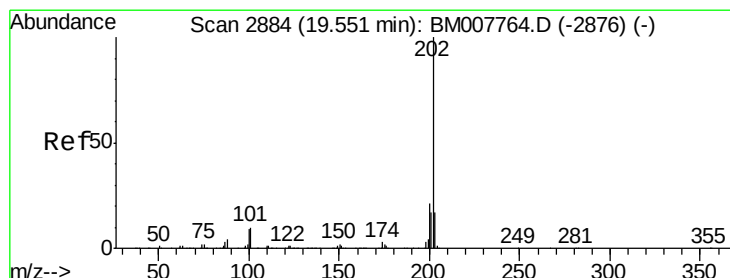
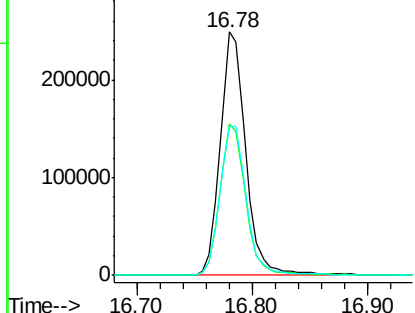
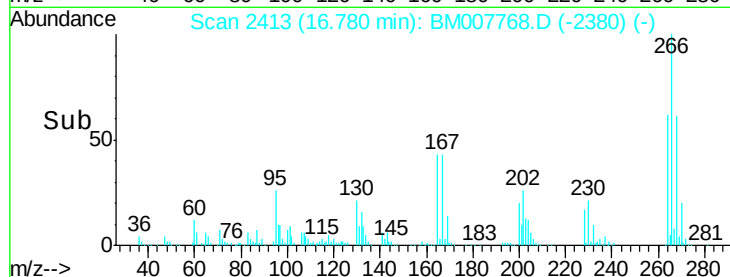
#68
 Pentachlorophenol
 Concen: 66.41 ng/ul
 RT: 16.78 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM007768.D
 Acq: 07 Nov 2016 11:36

Instrument :
 BNA_M
 ClientSampleId :
 H0103MS

Tot Ion:266 Resp: 381056
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.6 75.8
 268 60.9 51.0 76.6

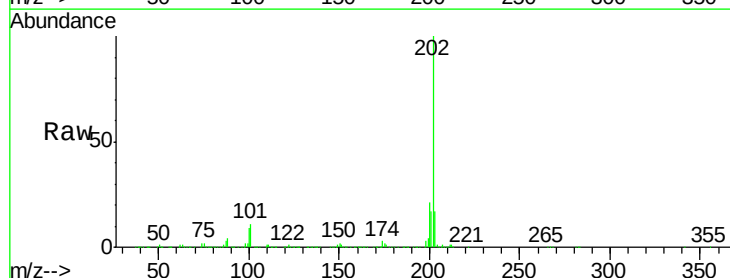


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 41.07 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM007768.D
 Acq: 07 Nov 2016 11:36

Tgt Ion:202 Resp: 2148010
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 100 8.8 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

