

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110716\
 Data File : BM007769.D
 Acq On : 07 Nov 2016 12:11
 Operator : UM/SJ
 Sample : H5532-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0103MSD

Quant Time: Nov 07 13:08:03 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	174763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	671825	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	424596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	836154	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1056291	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1090675	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6254	1.53	ng/uL	0.00
5) Phenol-d5	6.92	99	104782	7.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	284131	35.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	315197	30.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	191730	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	186091	38.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	205323	40.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	343758	34.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	35124	3.06	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	1112196	38.47	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1335356	38.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	29764	6.51	ng/ul	0.00
57) Fluorene-d10	15.37	176	954653	37.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	161384	32.49	ng/ul	0.00
70) Anthracene-d10	17.23	188	1482031	39.33	ng/ul	0.00
76) Pyrene-d10	19.52	212	1710262	39.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1864597	39.16	ng/ul	0.00

Target Compounds

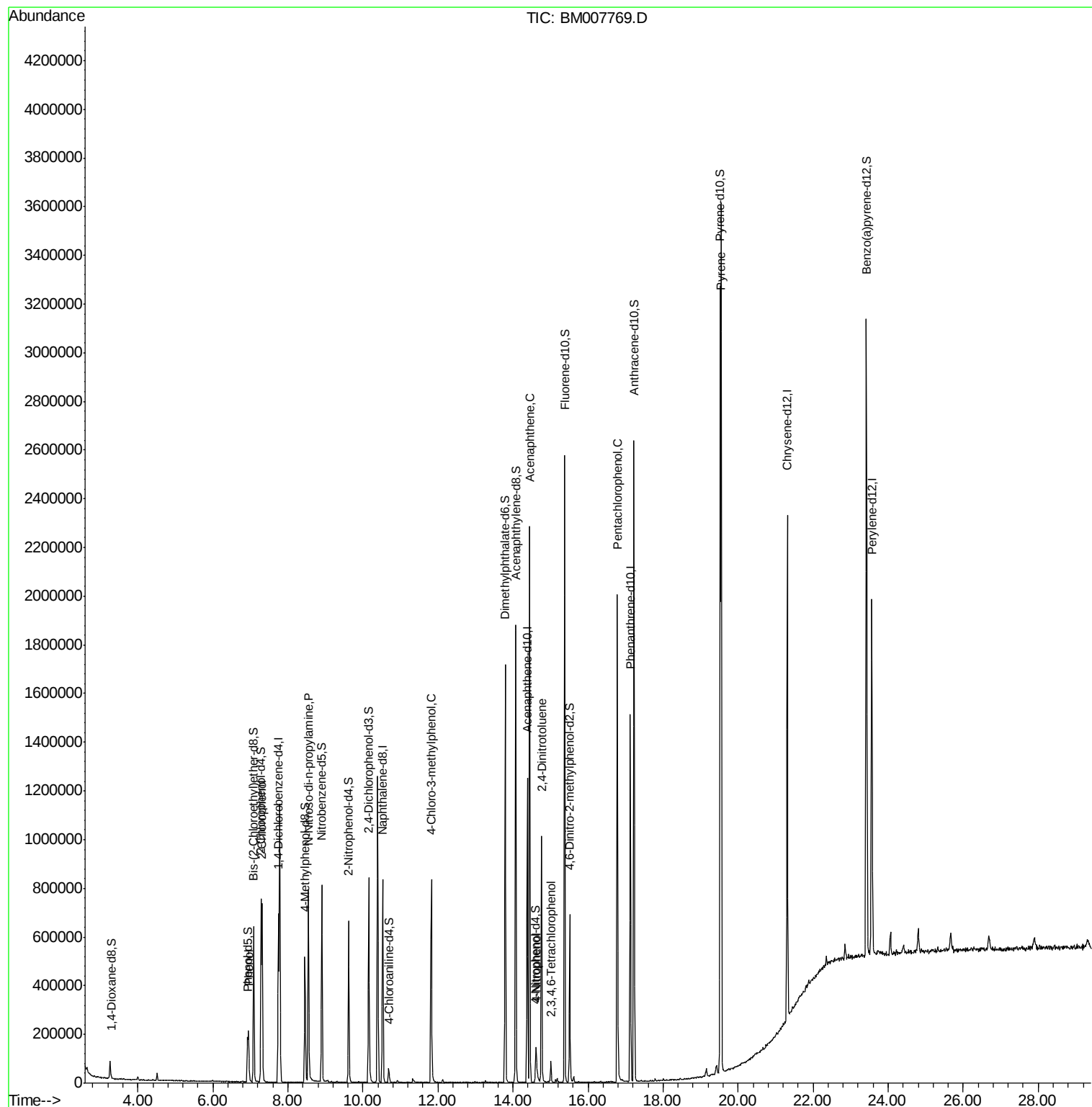
						Qvalue
6) Phenol	6.95	94	112481	8.12	ng/ul	98
10) 2-Chlorophenol	7.32	128	314906	29.67	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	313513	38.17	ng/ul	93
33) 4-Chloro-3-methylphenol	11.82	107	327726	31.49	ng/ul	93
49) Acenaphthene	14.44	153	904020	37.13	ng/ul	98
52) 4-Nitrophenol	14.62	109	28567	6.30	ng/ul	96
54) 2,4-Dinitrotoluene	14.76	165	299459	39.30	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	20965	2.82	ng/ul#	92
68) Pentachlorophenol	16.78	266	366961	61.98	ng/ul	100
77) Pyrene	19.55	202	2138914	39.20	ng/ul	99

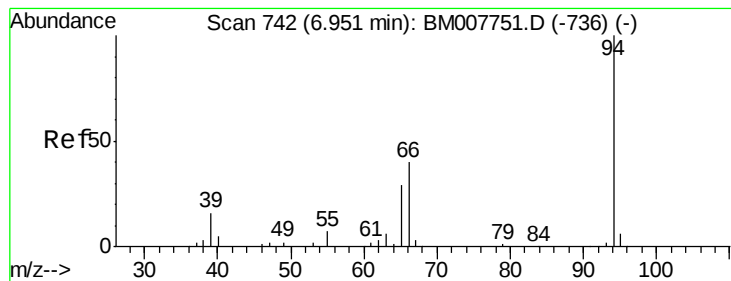
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110716\
Data File : BM007769.D
Acq On : 07 Nov 2016 12:11
Operator : UM/SJ
Sample : H5532-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0103MSD

Quant Time: Nov 07 13:08:03 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





#6

Phenol

Concen: 8.12 ng/ul

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007769.D

Acq: 07 Nov 2016 12:11

Instrument :

BNA_M

ClientSampleId :

H0103MSD

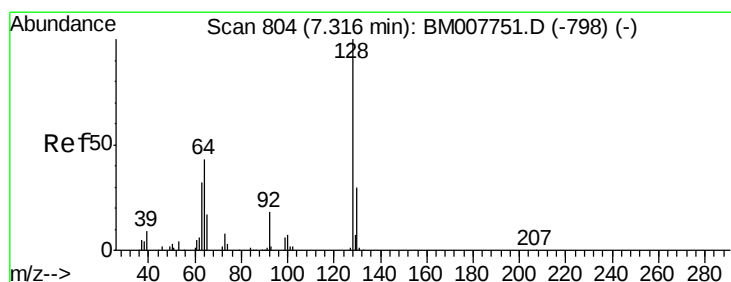
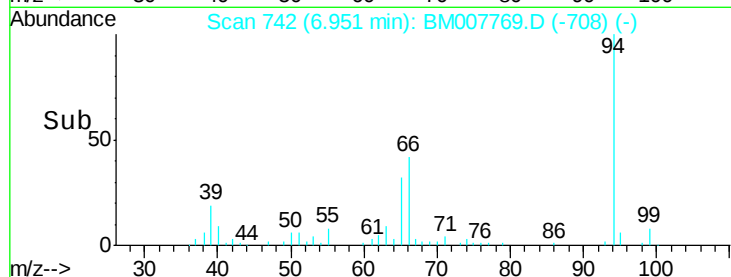
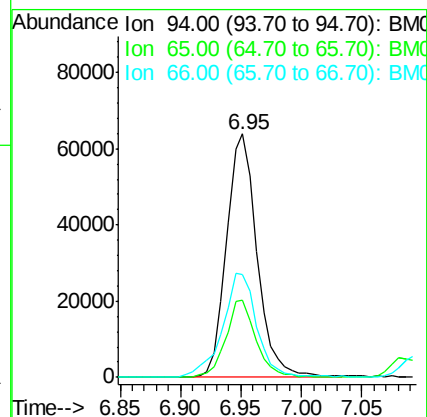
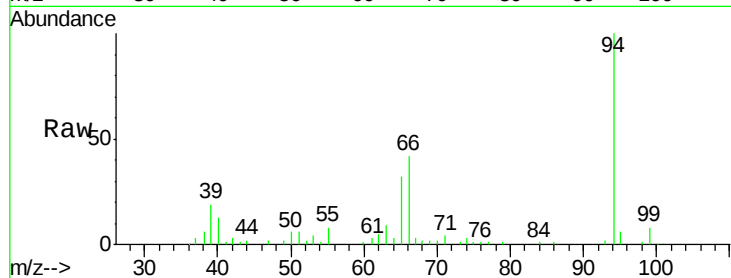
Tgt Ion: 94 Resp: 112481

Ion Ratio Lower Upper

94 100

65 31.7 23.9 35.9

66 42.3 33.5 50.3



#10

2-Chlorophenol

Concen: 29.67 ng/ul

RT: 7.32 min Scan# 804

Delta R.T. -0.01 min

Lab File: BM007769.D

Acq: 07 Nov 2016 12:11

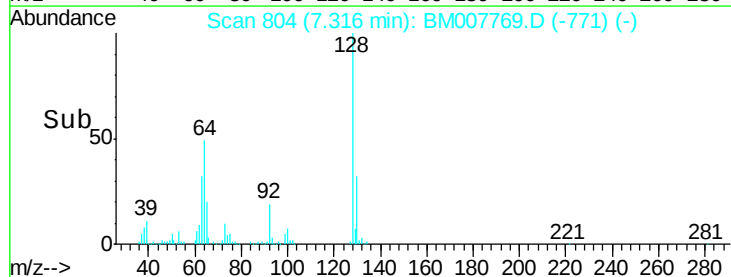
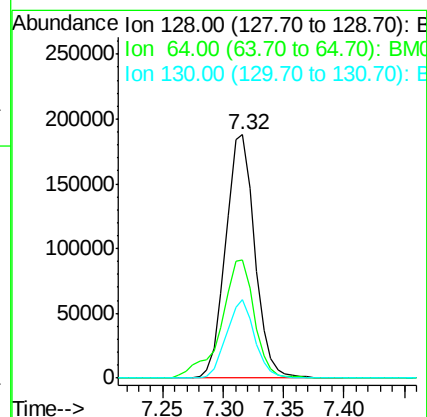
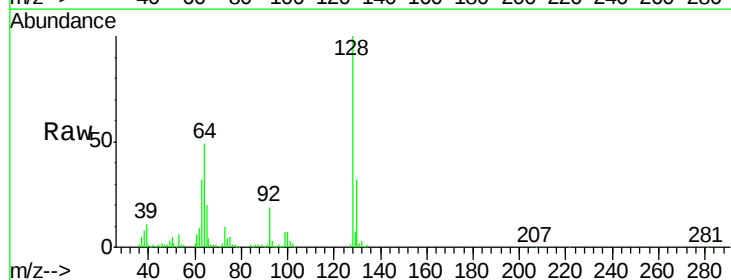
Tgt Ion: 128 Resp: 314906

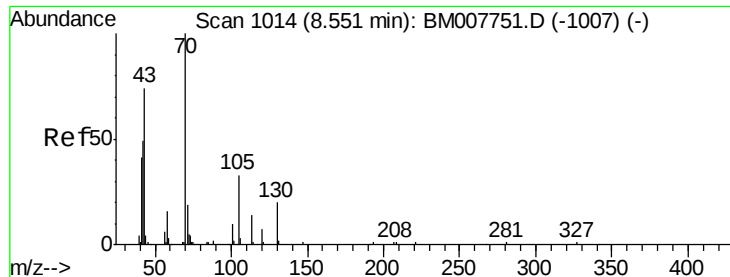
Ion Ratio Lower Upper

128 100

64 48.5 37.5 56.3

130 32.5 25.0 37.4

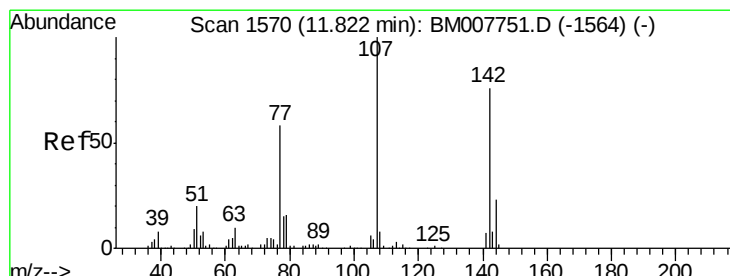
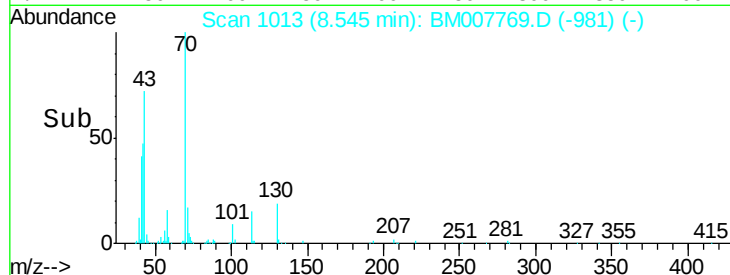
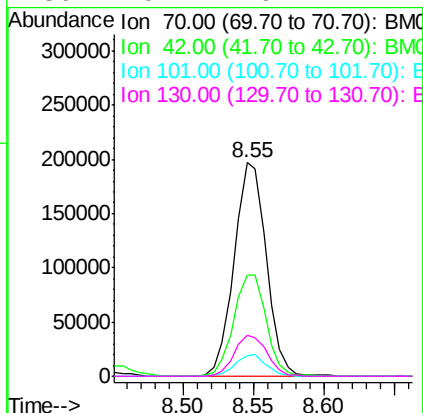
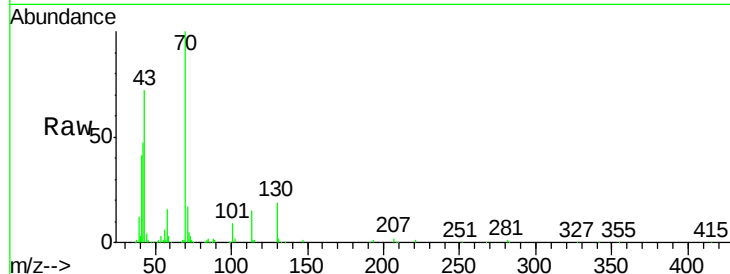




#15
N-Nitroso-di-n-propylamine
Concen: 38.17 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007769.D
Acq: 07 Nov 2016 12:11

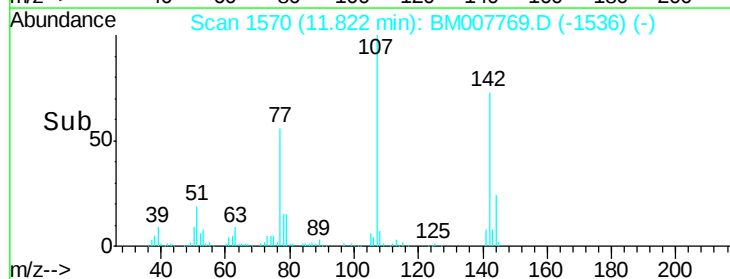
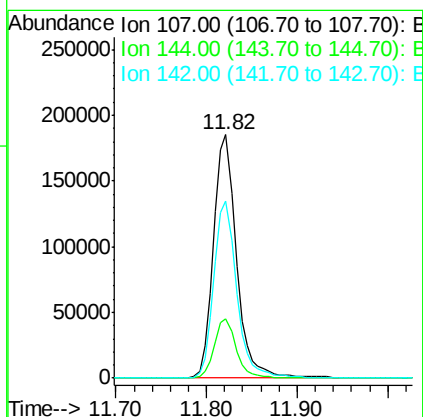
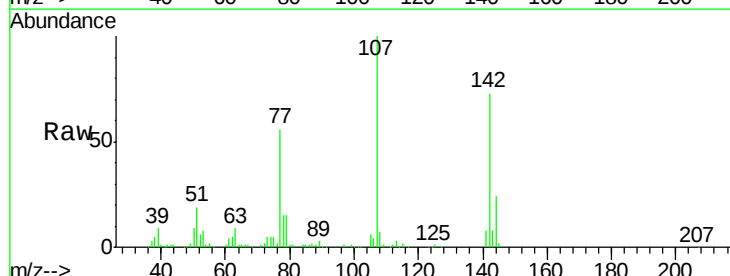
Instrument :
BNA_M
ClientSampleId :
H0103MSD

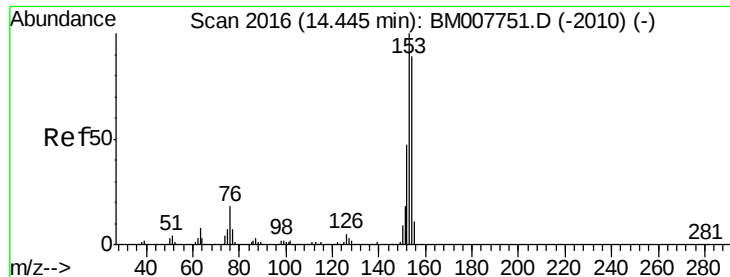
Tgt Ion:	70	Resp:	313513
Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.4	65.2
101	9.3	7.8	11.6
130	19.1	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 31.49 ng/ul
RT: 11.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM007769.D
Acq: 07 Nov 2016 12:11

Tgt Ion:	107	Resp:	327726
Ion	Ratio	Lower	Upper
107	100		
144	24.3	21.1	31.7
142	72.8	64.1	96.1





#49

Acenaphthene

Concen: 37.13 ng/ul

RT: 14.44 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BM007769.D

Acq: 07 Nov 2016 12:11

Instrument :

BNA_M

ClientSampleId :

H0103MSD

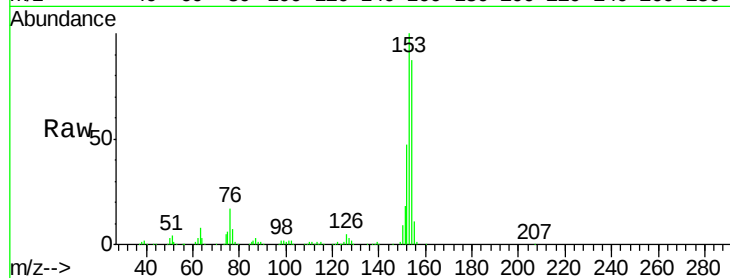
Tgt Ion:153 Resp: 904020

Ion Ratio Lower Upper

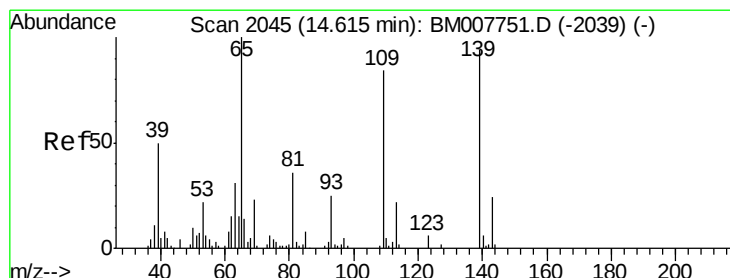
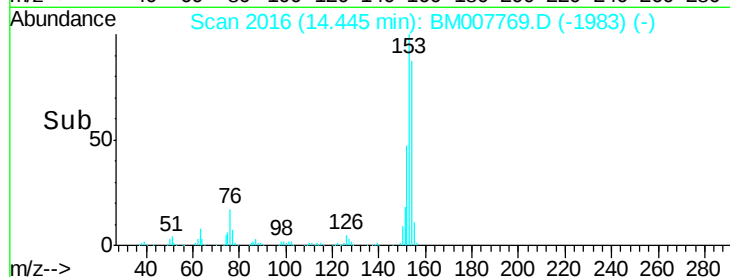
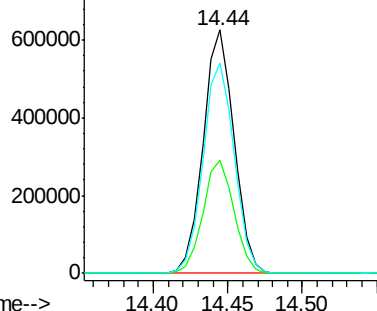
153 100

152 46.7 37.8 56.6

154 86.5 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# 2046

Delta R.T. 0.01 min

Lab File: BM007769.D

Acq: 07 Nov 2016 12:11

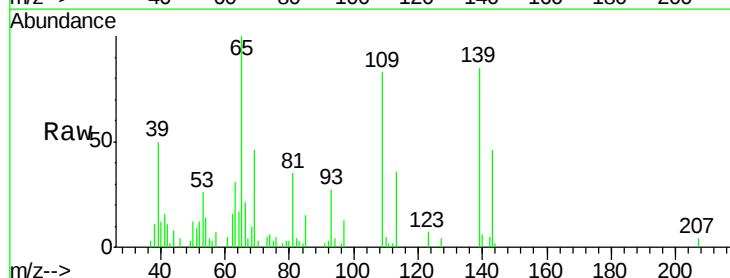
Tgt Ion:109 Resp: 28567

Ion Ratio Lower Upper

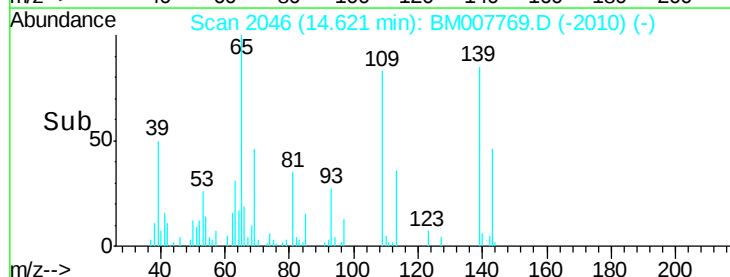
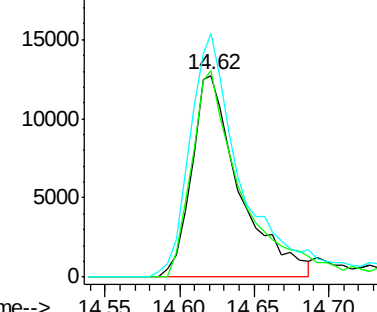
109 100

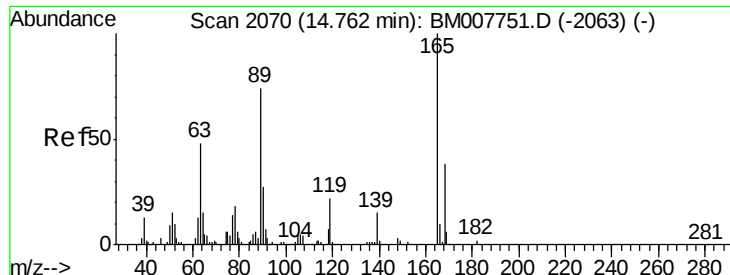
139 102.3 88.7 133.1

65 120.9 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

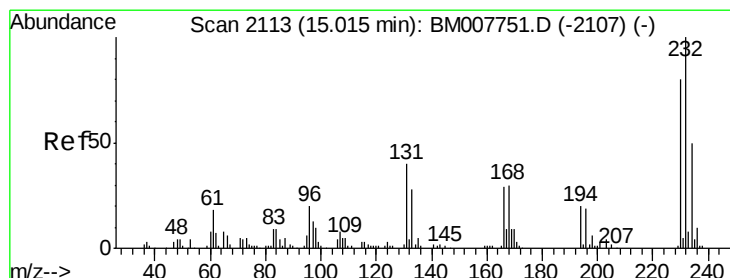
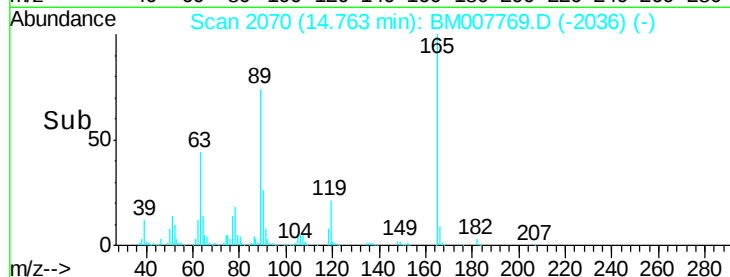
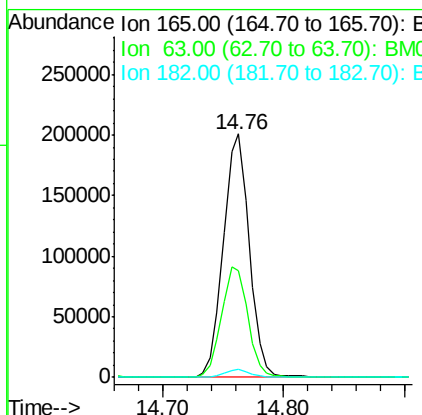
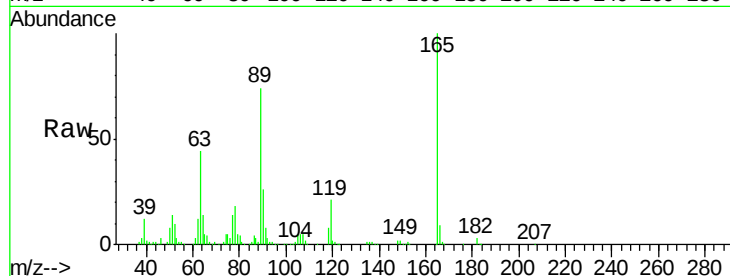




#54
2,4-Dinitrotoluene
Concen: 39.30 ng/ul
RT: 14.76 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM007769.D
Acq: 07 Nov 2016 12:11

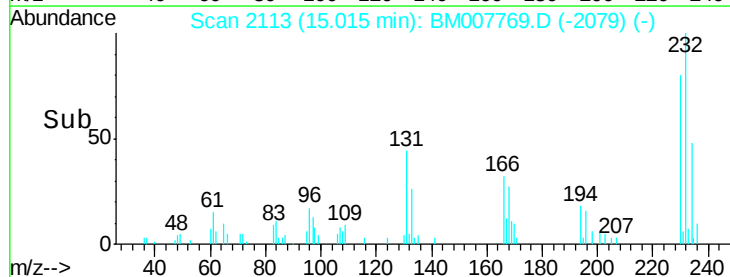
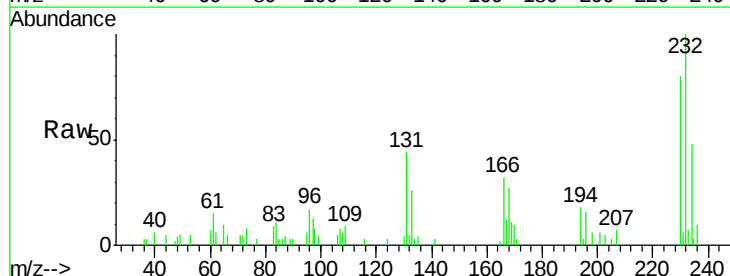
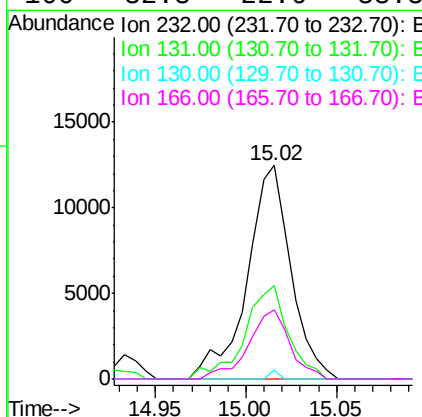
Instrument :
BNA_M
ClientSampled :
H0103MSD

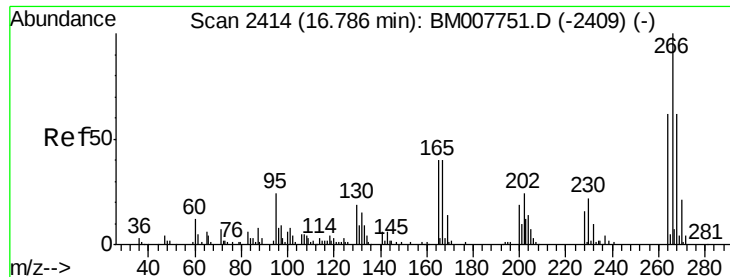
Tgt Ion:165 Resp: 299459
Ion Ratio Lower Upper
165 100
63 43.9 36.2 54.2
182 3.2 2.2 3.4



#55
2,3,4,6-Tetrachlorophenol
Concen: 2.82 ng/ul
RT: 15.02 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM007769.D
Acq: 07 Nov 2016 12:11

Tgt Ion:232 Resp: 20965
Ion Ratio Lower Upper
232 100
131 43.8 31.4 47.0
130 4.2 1.6 2.4#
166 32.3 22.6 33.8

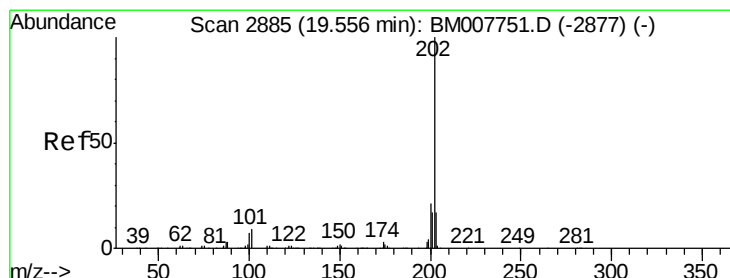
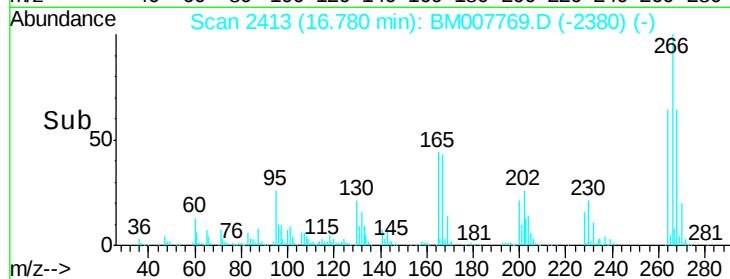
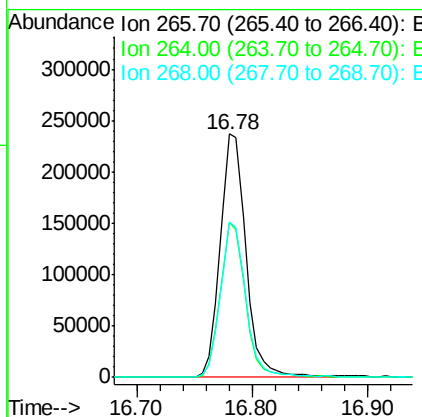
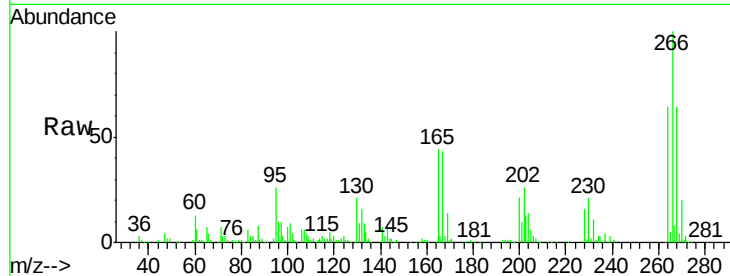




#68
 Pentachlorophenol
 Concen: 61.98 ng/ul
 RT: 16.78 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM007769.D
 Acq: 07 Nov 2016 12:11

Instrument :
 BNA_M
 ClientSampleId :
 H0103MSD

Tgt Ion:266 Resp: 366961
 Ion Ratio Lower Upper
 266 100
 264 63.6 50.6 75.8
 268 64.0 51.0 76.6



#77
 Pyrene
 Concen: 39.20 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM007769.D
 Acq: 07 Nov 2016 12:11

Tgt Ion:202 Resp: 2138914
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.4 12.6
 100 8.4 6.9 10.3

