

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
 Data File : BM007780.D
 Acq On : 07 Nov 2016 20:19
 Operator : UM/SJ
 Sample : H5554-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N77MS

Quant Time: Nov 08 02:13:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 08 02:10:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	192174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	731848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	468894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	900019	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1065546	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1089563	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5415	1.21	ng/uL	0.00
5) Phenol-d5	6.92	99	92514	6.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	272158	30.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	295693	25.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	170018	14.65	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	178650	33.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	194636	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	330029	30.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1013	0.08	ng/ul	-0.15
43) Dimethylphthalate-d6	13.79	166	1073293	33.62	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1164014	30.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	22207	4.40	ng/ul	0.00
57) Fluorene-d10	15.37	176	918300	32.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	144162	26.96	ng/ul	0.00
70) Anthracene-d10	17.23	188	1351391	33.32	ng/ul	0.00
76) Pyrene-d10	19.52	212	1552556	35.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1465684	30.81	ng/ul	0.00

Target Compounds

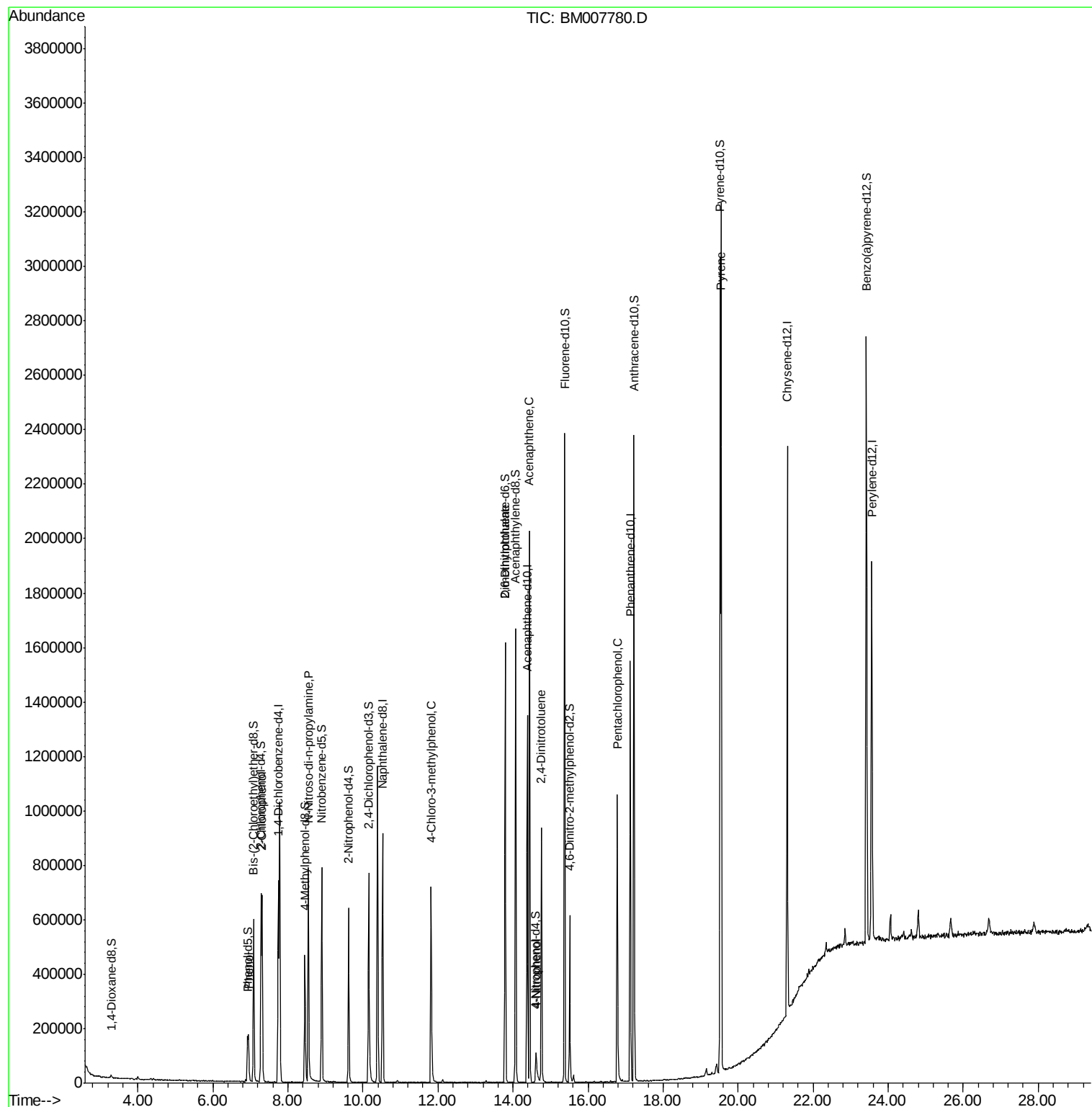
						Qvalue
6) Phenol	6.95	94	94979	6.24	ng/ul	99
10) 2-Chlorophenol	7.31	128	286332	24.54	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	297078	32.89	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	295891	26.10	ng/ul	91
45) 2,6-Dinitrotoluene	13.80	165	6420	1.10	ng/ul#	38
49) Acenaphthene	14.44	153	824389	30.66	ng/ul	100
52) 4-Nitrophenol	14.62	109	22987	4.59	ng/ul	88
54) 2,4-Dinitrotoluene	14.76	165	270032	32.09	ng/ul	97
68) Pentachlorophenol	16.78	266	200411	31.45	ng/ul	99
77) Pyrene	19.55	202	1900344	34.52	ng/ul	99

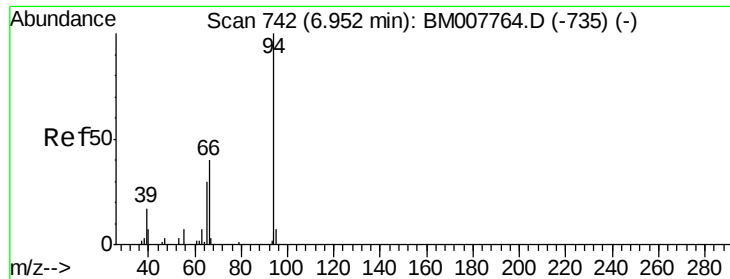
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.24 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM007780.D

Acq: 07 Nov 2016 20:19

Instrument :

BNA_M

ClientSampleId :

E5N77MS

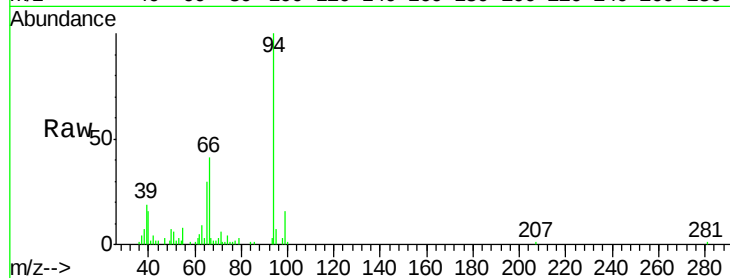
Tgt Ion: 94 Resp: 94979

Ion Ratio Lower Upper

94 100

65 30.3 23.9 35.9

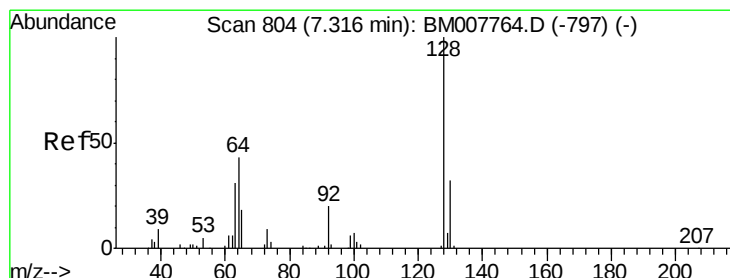
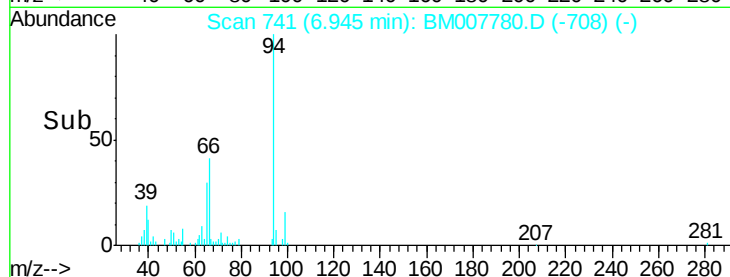
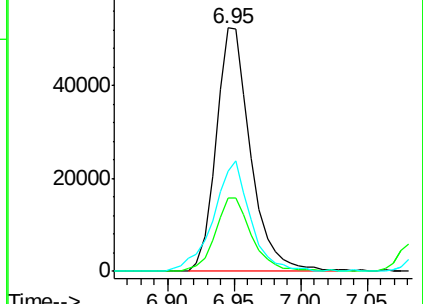
66 41.3 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007764.D (-735) (-)

Ion 65.00 (64.70 to 65.70): BM007764.D (-735) (-)

Ion 66.00 (65.70 to 66.70): BM007764.D (-735) (-)



#10

2-Chlorophenol

Concen: 24.54 ng/ul

RT: 7.31 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM007780.D

Acq: 07 Nov 2016 20:19

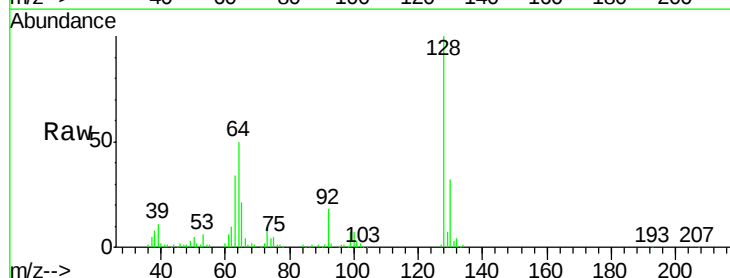
Tgt Ion: 128 Resp: 286332

Ion Ratio Lower Upper

128 100

64 49.6 37.5 56.3

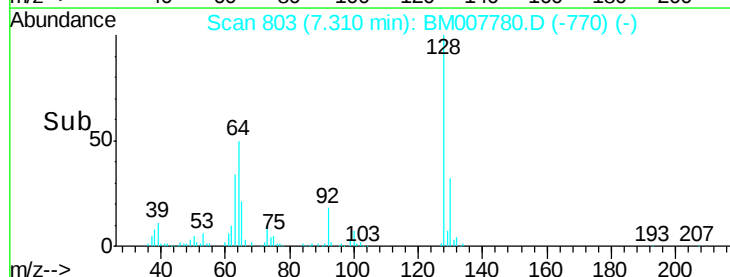
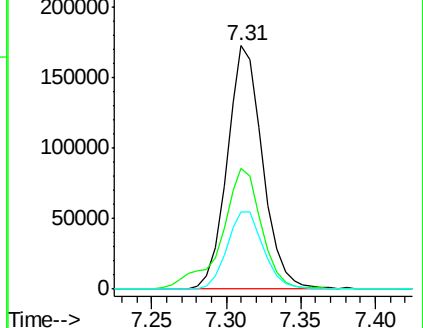
130 31.7 25.0 37.4

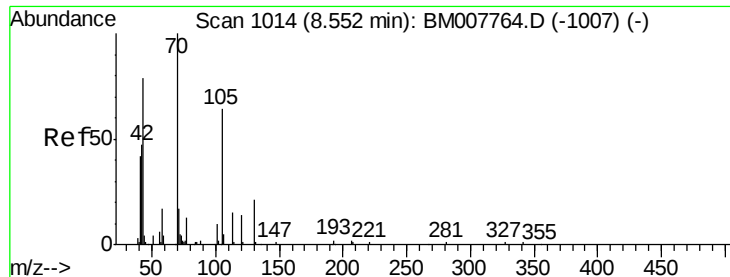


Abundance Ion 128.00 (127.70 to 128.70): BM007764.D (-797) (-)

Ion 64.00 (63.70 to 64.70): BM007764.D (-797) (-)

Ion 130.00 (129.70 to 130.70): BM007764.D (-797) (-)

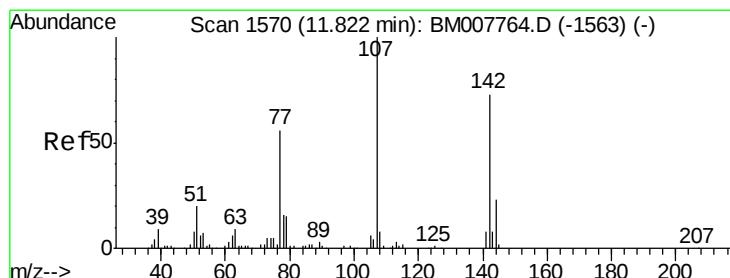
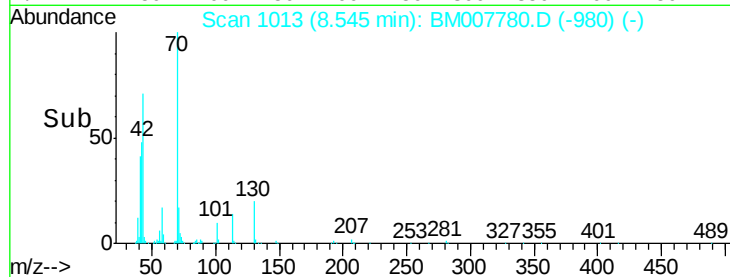
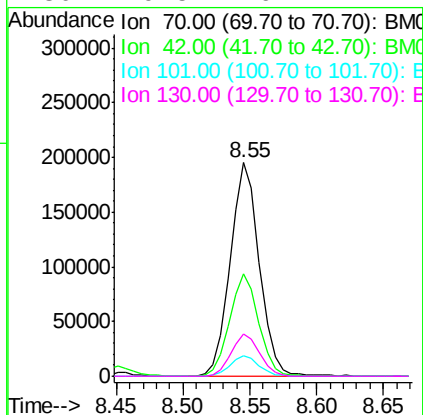
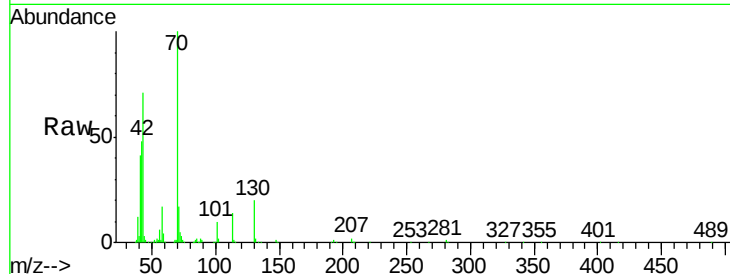




#15
N-Nitroso-di-n-propylamine
Concen: 32.89 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007780.D
Acq: 07 Nov 2016 20:19

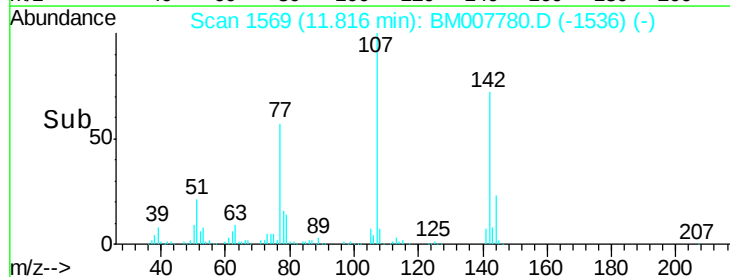
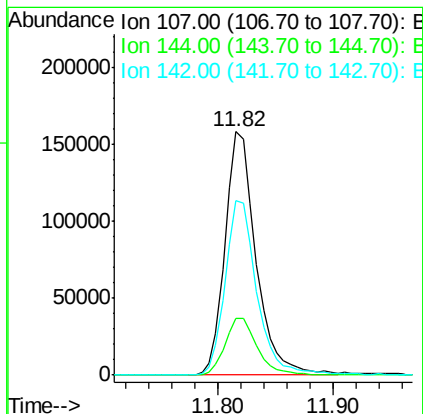
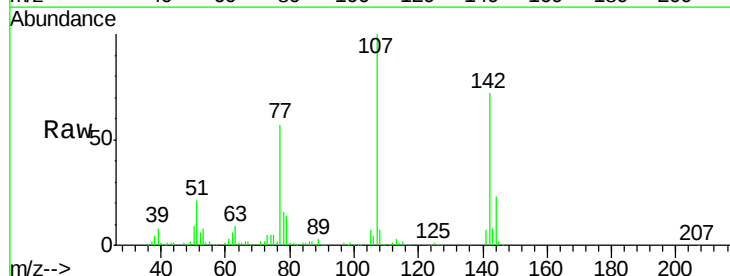
Instrument :
BNA_M
ClientSampleId :
E5N77MS

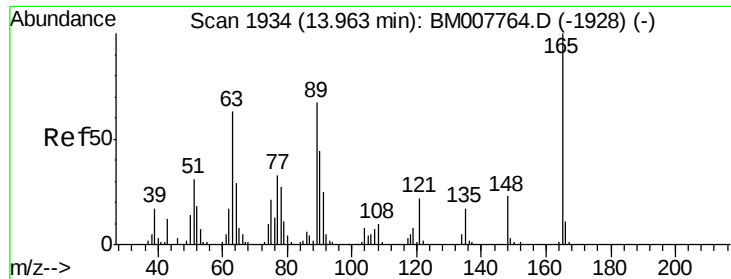
Tgt Ion:	70	Resp:	297078
Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.4	65.2
101	9.7	7.8	11.6
130	19.5	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 26.10 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM007780.D
Acq: 07 Nov 2016 20:19

Tgt Ion:	107	Resp:	295891
Ion	Ratio	Lower	Upper
107	100		
144	23.4	21.1	31.7
142	71.7	64.1	96.1

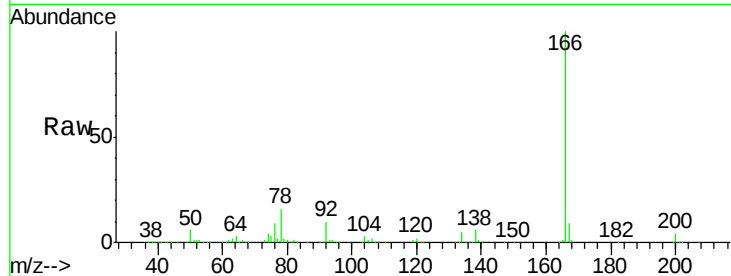




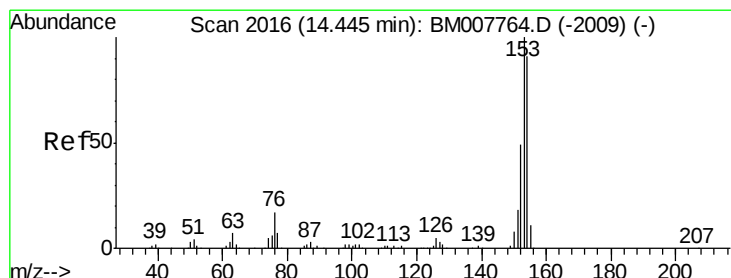
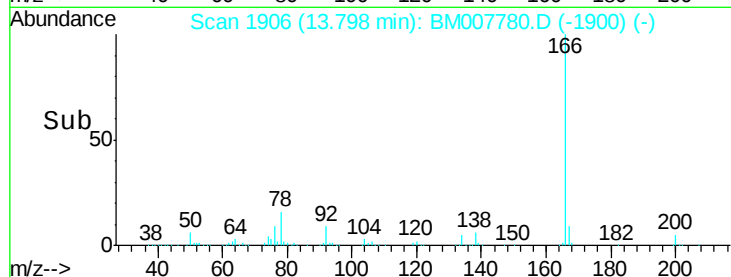
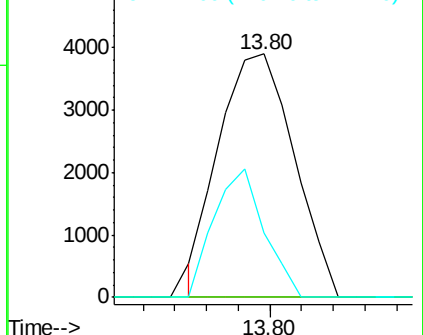
#45
 2,6-Dinitrotoluene
 Concen: 1.10 ng/ul
 RT: 13.80 min Scan# 1906
 Delta R.T. -0.17 min
 Lab File: BM007780.D
 Acq: 07 Nov 2016 20:19

Instrument :
 BNA_M
 ClientSampleId :
 E5N77MS

Tgt Ion:165 Resp: 6420
 Ion Ratio Lower Upper
 165 100
 89 0.0 46.6 69.8#
 121 26.7 16.0 24.0#

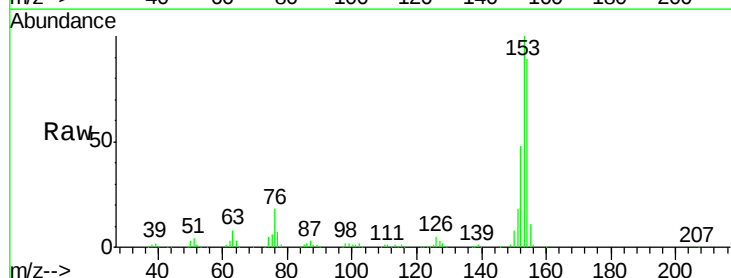


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

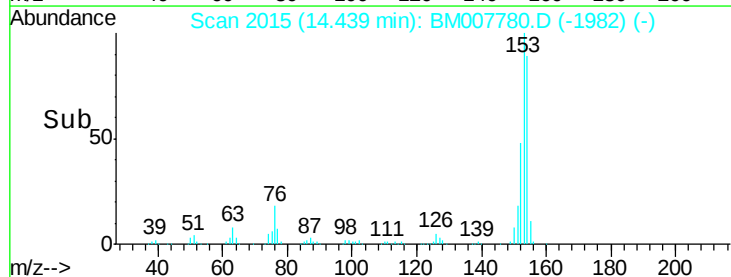
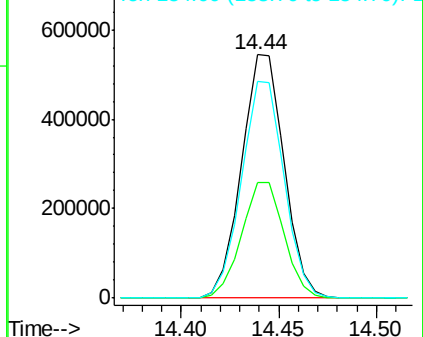


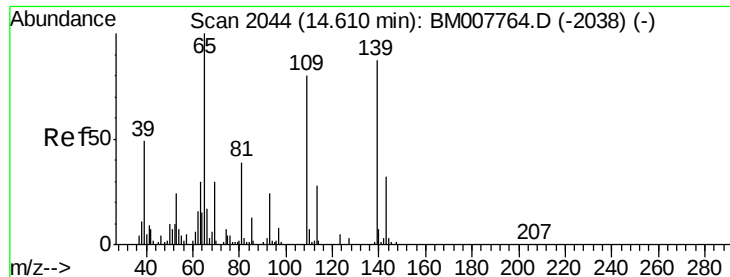
#49
 Acenaphthene
 Concen: 30.66 ng/ul
 RT: 14.44 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BM007780.D
 Acq: 07 Nov 2016 20:19

Tgt Ion:153 Resp: 824389
 Ion Ratio Lower Upper
 153 100
 152 47.6 37.8 56.6
 154 88.9 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: 4.59 ng/ul

RT: 14.62 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BM007780.D

Acq: 07 Nov 2016 20:19

Instrument :

BNA_M

ClientSampleId :

E5N77MS

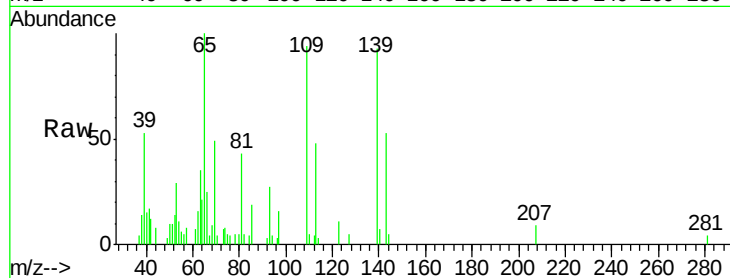
Tgt Ion:109 Resp: 22987

Ion Ratio Lower Upper

109 100

139 98.8 88.7 133.1

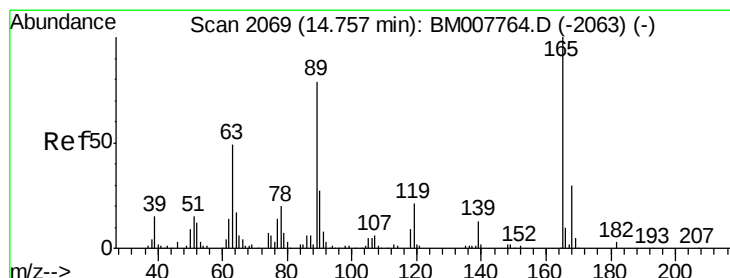
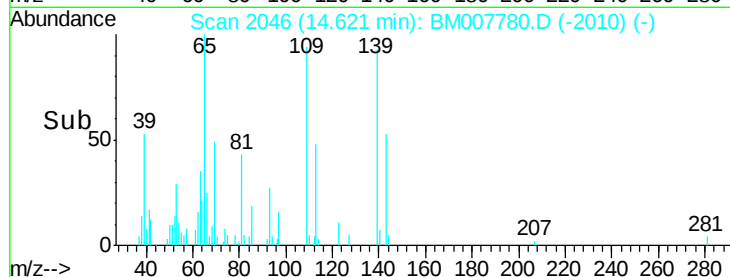
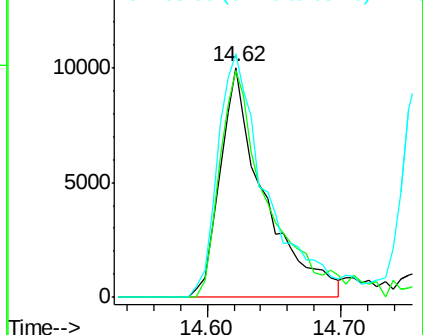
65 105.9 96.4 144.6



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: 32.09 ng/ul

RT: 14.76 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BM007780.D

Acq: 07 Nov 2016 20:19

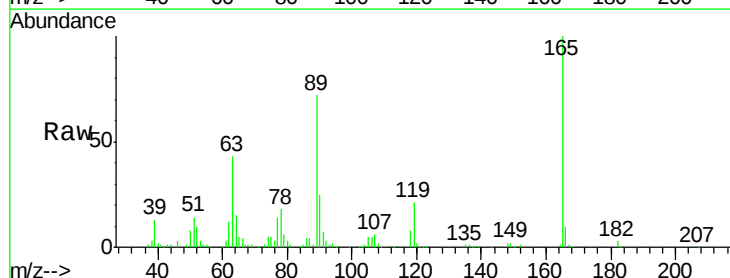
Tgt Ion:165 Resp: 270032

Ion Ratio Lower Upper

165 100

63 43.3 36.2 54.2

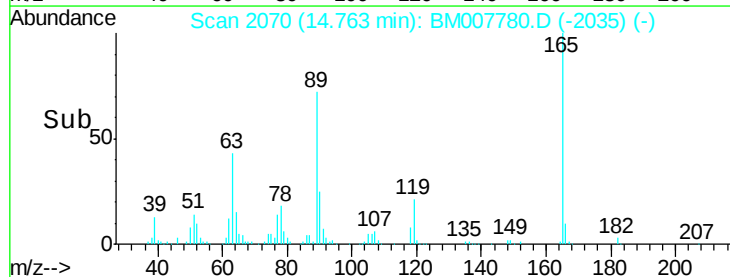
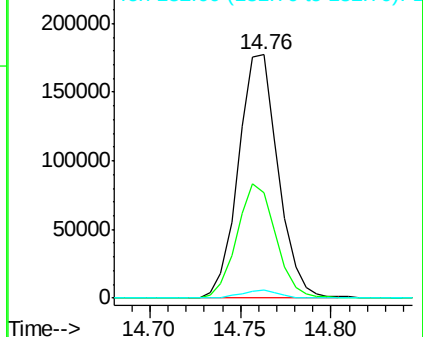
182 3.1 2.2 3.4

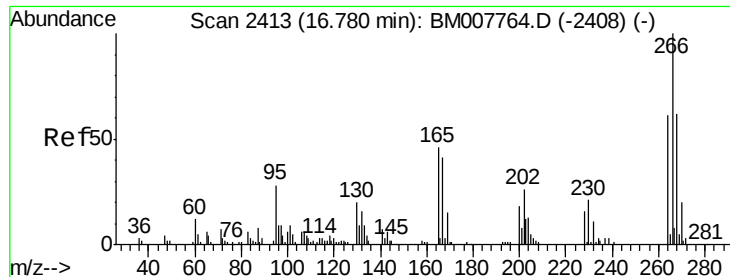


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

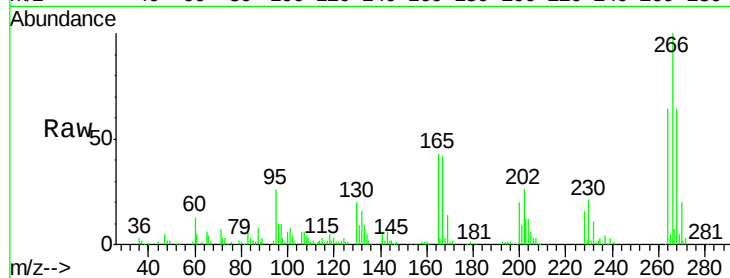




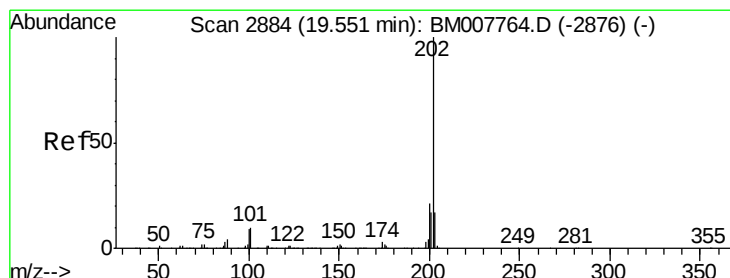
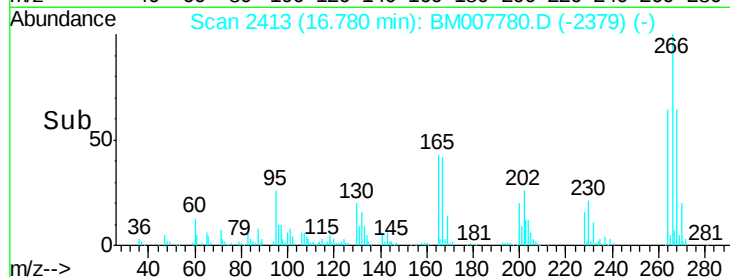
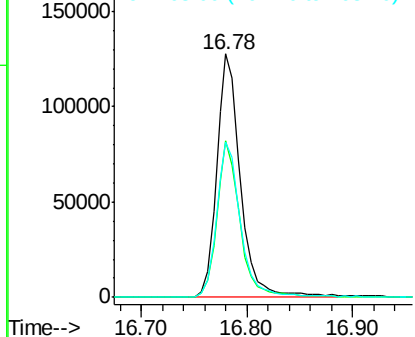
#68
 Pentachlorophenol
 Concen: 31.45 ng/ul
 RT: 16.78 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BM007780.D
 Acq: 07 Nov 2016 20:19

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Tgt Ion:266 Resp: 200411
 Ion Ratio Lower Upper
 266 100
 264 64.2 50.6 75.8
 268 63.8 51.0 76.6

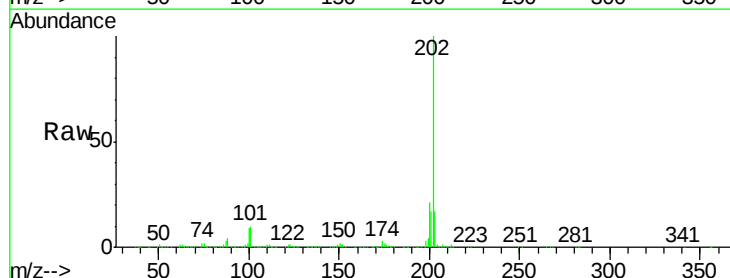


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 34.52 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BM007780.D
 Acq: 07 Nov 2016 20:19

Tgt Ion:202 Resp: 1900344
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.4 12.6
 100 8.6 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

