

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
 Data File : BM007781.D
 Acq On : 07 Nov 2016 20:55
 Operator : UM/SJ
 Sample : H5554-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N77MSD

Quant Time: Nov 08 02:13:22 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	179296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	676167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	427091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	841573	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1060600	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1113829	20.00	ng/ul	0.00

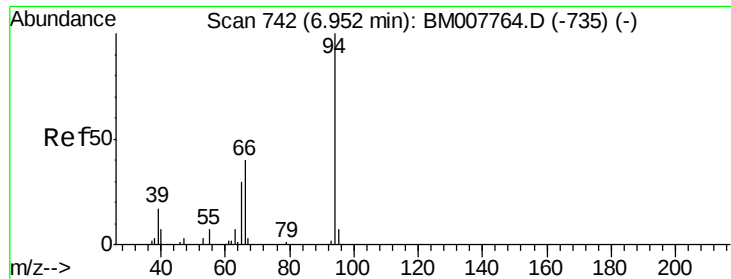
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	5599	1.34	ng/uL	0.00
5) Phenol-d5	6.92	99	99843	7.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	275484	33.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	301489	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	182044	16.81	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	175518	36.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	192615	37.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	329195	32.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	645	0.06	ng/ul	-0.14
43) Dimethylphthalate-d6	13.79	166	1056056	36.32	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1281269	36.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	23338	5.08	ng/ul	0.00
57) Fluorene-d10	15.37	176	916924	35.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	149533	29.91	ng/ul	0.00
70) Anthracene-d10	17.22	188	1442301	38.03	ng/ul	0.00
76) Pyrene-d10	19.52	212	1679324	38.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1874200	38.54	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.95	94	99380	7.00	ng/ul	99
10) 2-Chlorophenol	7.31	128	292562	26.87	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	291105	34.55	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	304115	29.04	ng/ul	94
45) 2,6-Dinitrotoluene	13.79	165	6161	1.16	ng/ul#	29
49) Acenaphthene	14.44	153	840365	34.31	ng/ul	98
52) 4-Nitrophenol	14.62	109	25649	5.62	ng/ul	87
54) 2,4-Dinitrotoluene	14.76	165	273410	35.67	ng/ul	94
68) Pentachlorophenol	16.78	266	209208	35.11	ng/ul	97
77) Pyrene	19.55	202	2068677	37.76	ng/ul	98

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



#6

Phenol

Concen: 7.00 ng/ul

RT: 6.95 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM007781.D

Acq: 07 Nov 2016 20:55

Instrument :

BNA_M

ClientSampleId :

E5N77MSD

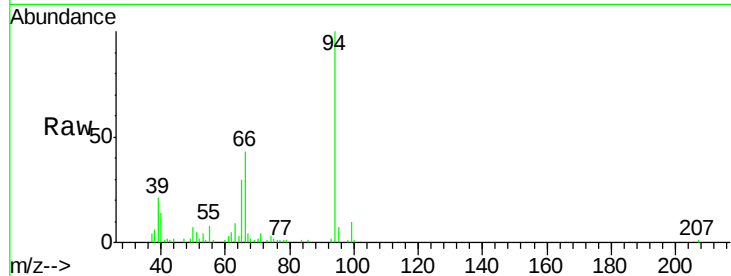
Tgt Ion: 94 Resp: 99380

Ion Ratio Lower Upper

94 100

65 30.1 23.9 35.9

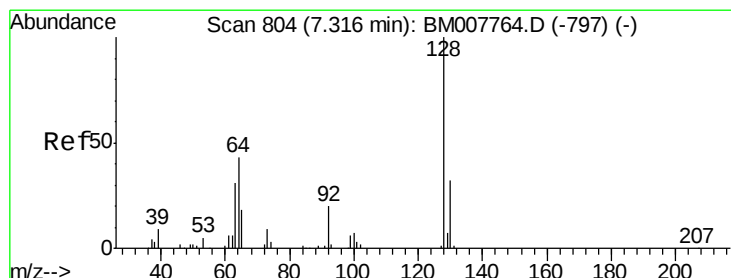
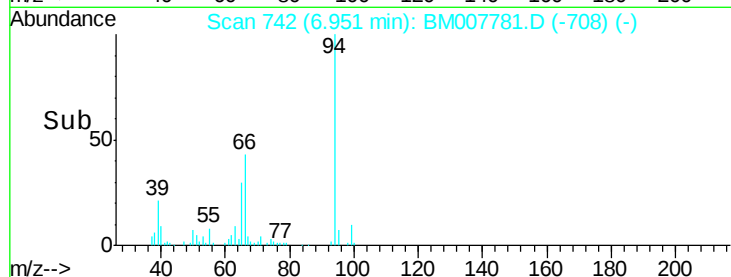
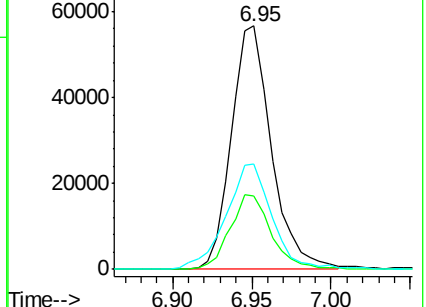
66 43.2 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007781.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007781.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007781.D (-742) (-)



#10

2-Chlorophenol

Concen: 26.87 ng/ul

RT: 7.31 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM007781.D

Acq: 07 Nov 2016 20:55

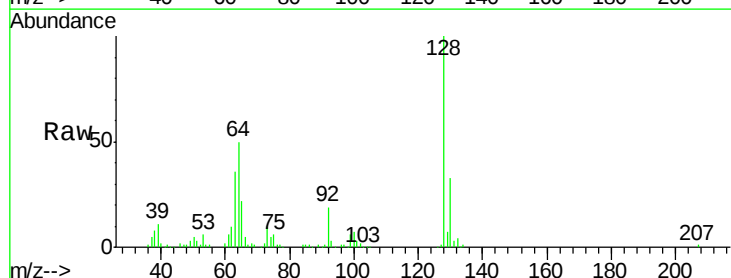
Tgt Ion: 128 Resp: 292562

Ion Ratio Lower Upper

128 100

64 50.1 37.5 56.3

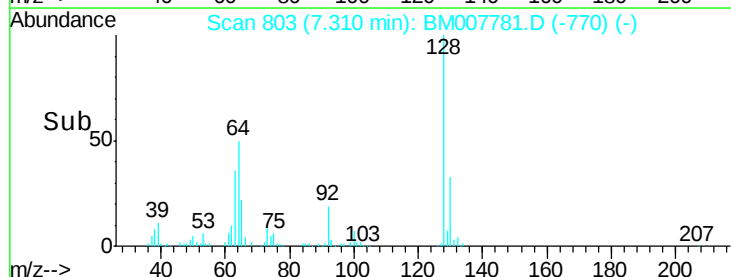
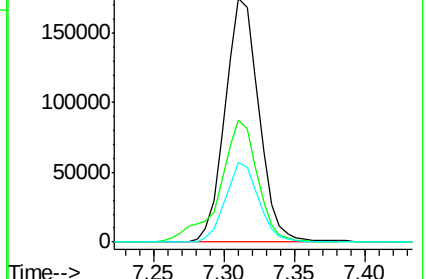
130 32.6 25.0 37.4

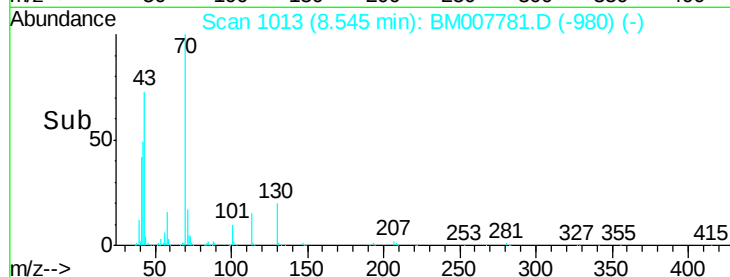
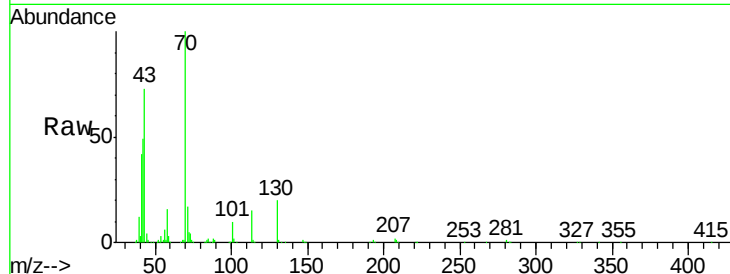
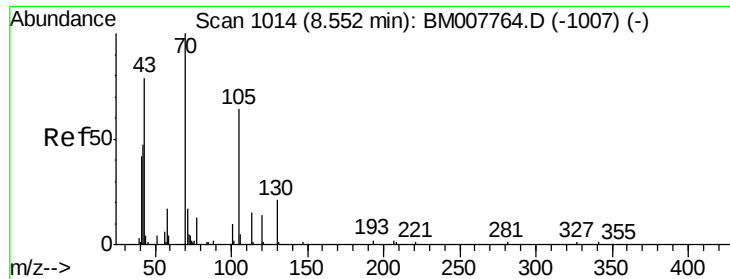


Abundance Ion 128.00 (127.70 to 128.70): BM007781.D (-804) (-)

Ion 64.00 (63.70 to 64.70): BM007781.D (-804) (-)

Ion 130.00 (129.70 to 130.70): BM007781.D (-804) (-)

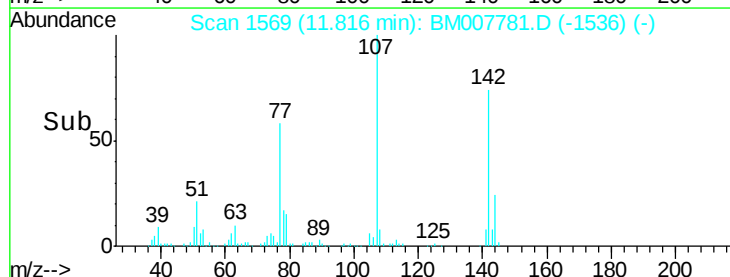
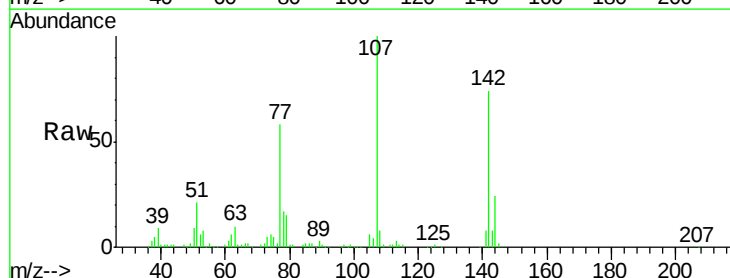
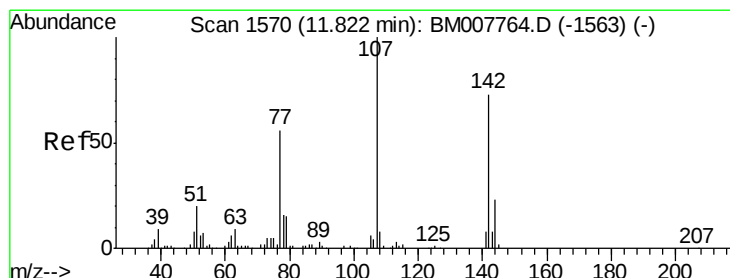
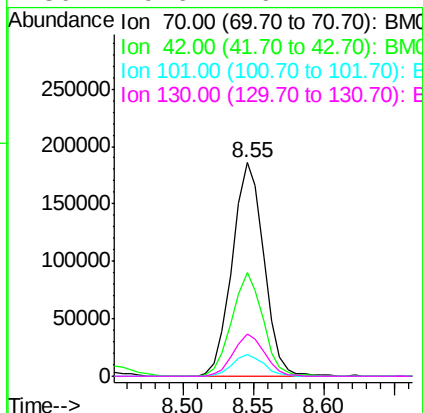




#15
N-Nitroso-di-n-propylamine
Concen: 34.55 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

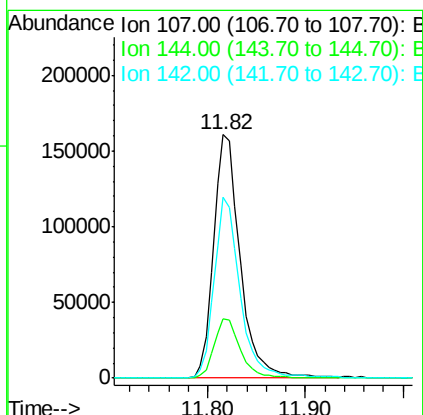
Instrument :
BNA_M
ClientSampleId :
E5N77MSD

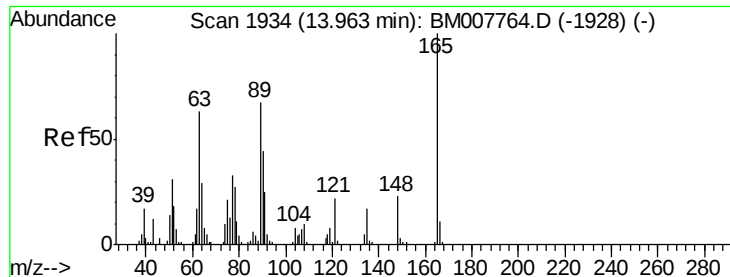
Tgt Ion:	70	Resp:	291105
Ion	Ratio	Lower	Upper
70	100		
42	48.6	43.4	65.2
101	10.1	7.8	11.6
130	19.6	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 29.04 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:	107	Resp:	304115
Ion	Ratio	Lower	Upper
107	100		
144	24.3	21.1	31.7
142	74.4	64.1	96.1

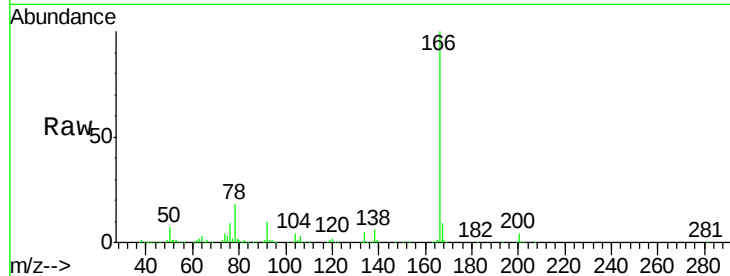




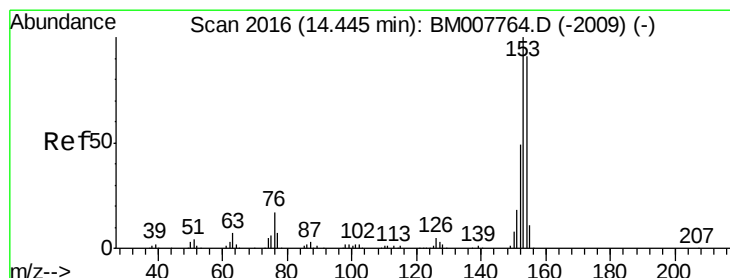
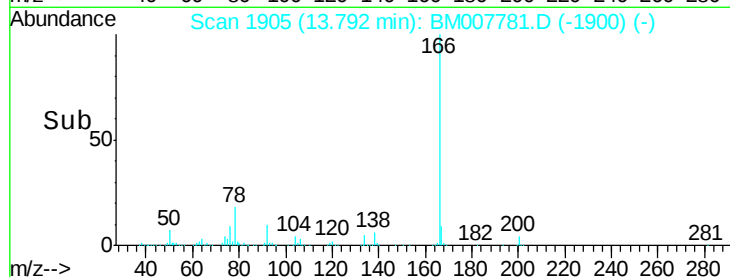
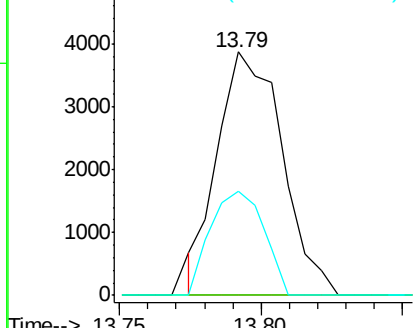
#45
2,6-Dinitrotoluene
Concen: 1.16 ng/ul
RT: 13.79 min Scan# 1905
Delta R.T. -0.17 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Instrument :
BNA_M
ClientSampleId :
E5N77MSD

Tgt Ion:165 Resp: 6161
Ion Ratio Lower Upper
165 100
89 0.0 46.6 69.8#
121 42.9 16.0 24.0#

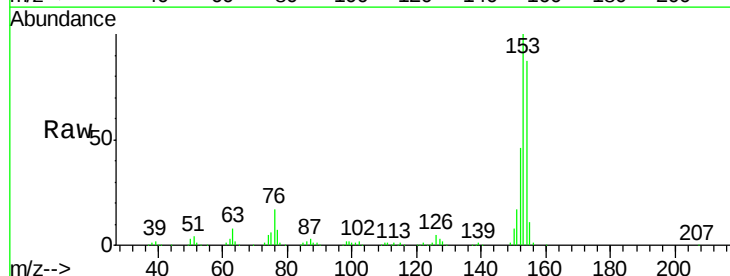


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

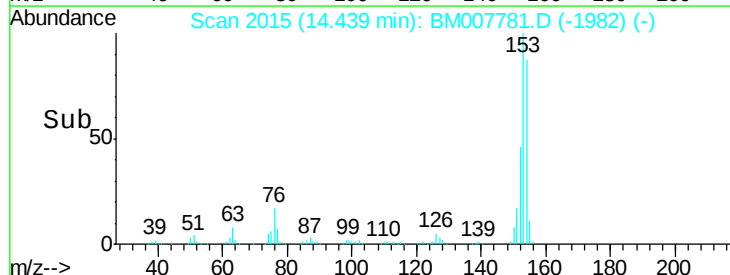
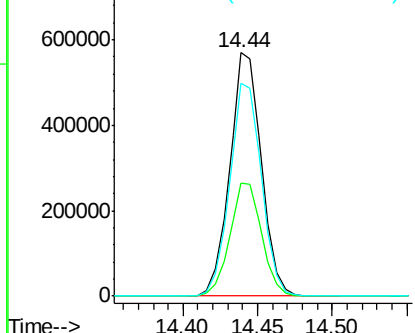


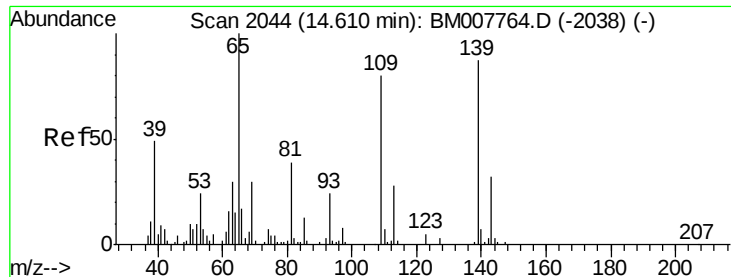
#49
Acenaphthene
Concen: 34.31 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:153 Resp: 840365
Ion Ratio Lower Upper
153 100
152 46.4 37.8 56.6
154 87.3 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

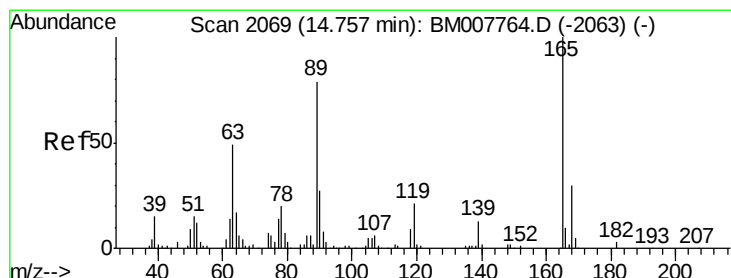
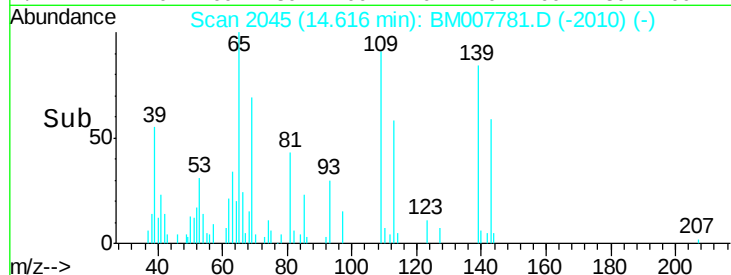
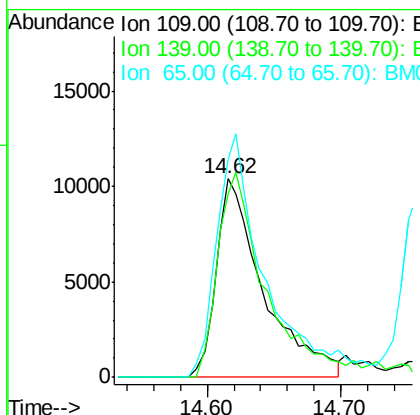
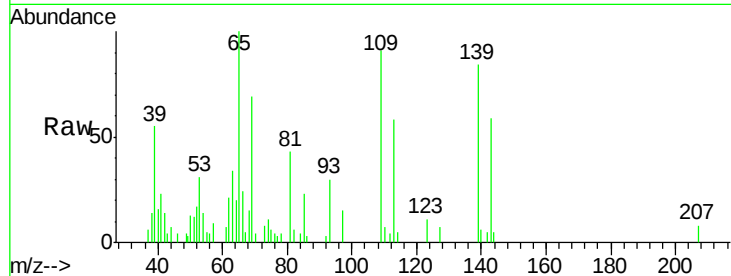




#52
4-Nitrophenol
Concen: 5.62 ng/ul
RT: 14.62 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

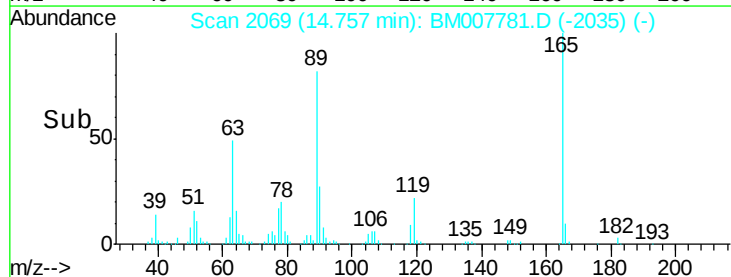
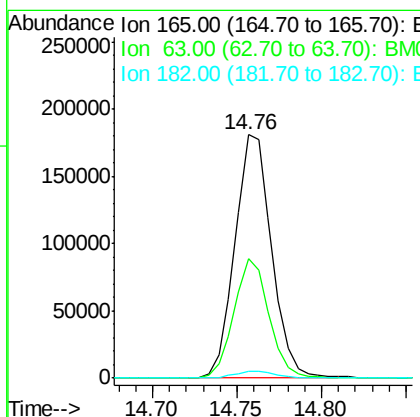
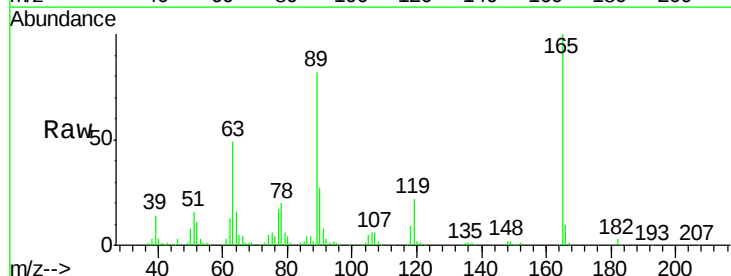
Instrument :
BNA_M
ClientSampleId :
E5N77MSD

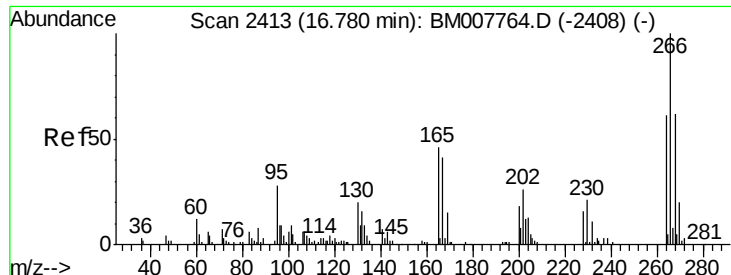
Tgt Ion:109 Resp: 25649
Ion Ratio Lower Upper
109 100
139 92.4 88.7 133.1
65 109.7 96.4 144.6



#54
2,4-Dinitrotoluene
Concen: 35.67 ng/ul
RT: 14.76 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:165 Resp: 273410
Ion Ratio Lower Upper
165 100
63 49.3 36.2 54.2
182 3.0 2.2 3.4

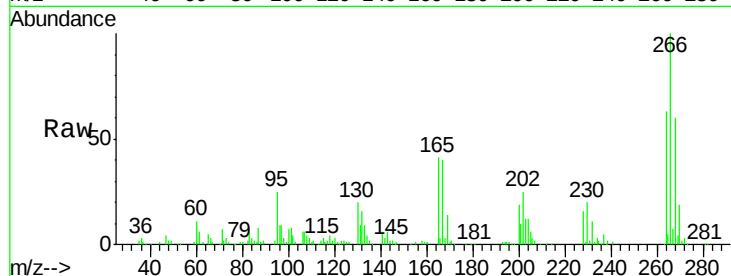




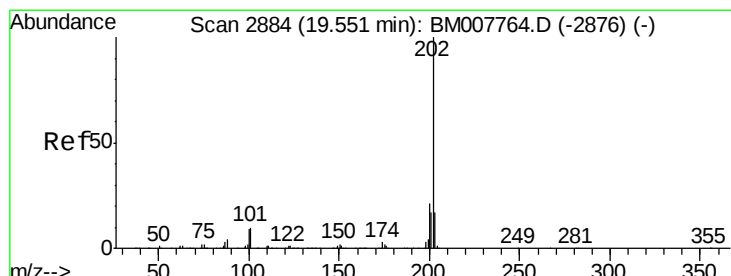
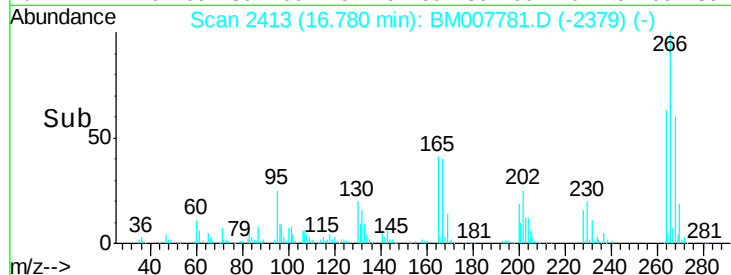
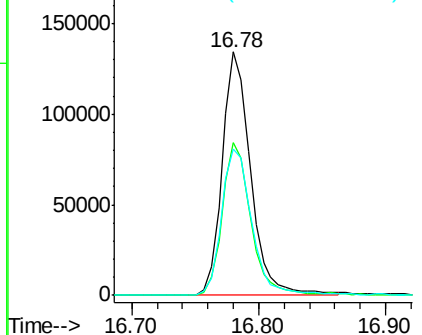
#68
 Pentachlorophenol
 Concen: 35.11 ng/ul
 RT: 16.78 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BM007781.D
 Acq: 07 Nov 2016 20:55

Instrument :
 BNA_M
 ClientSampleId :
 E5N77MSD

Tgt Ion:266 Resp: 209208
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.6 75.8
 268 60.0 51.0 76.6

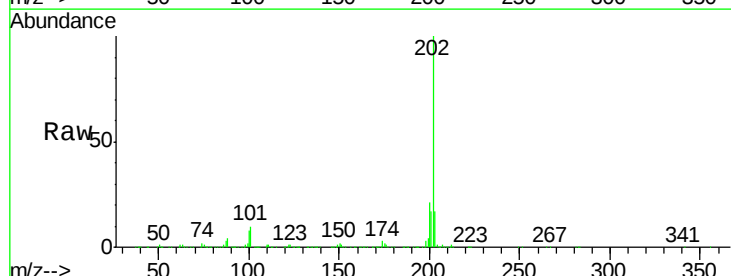


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 37.76 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BM007781.D
 Acq: 07 Nov 2016 20:55

Tgt Ion:202 Resp: 2068677
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.4 12.6
 100 8.0 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

