

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071116\
 Data File : BM006403.D
 Acq On : 11 Jul 2016 20:00
 Operator : UM/SJ
 Sample : H3914-12MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TS1MSD

Quant Time: Jul 12 01:00:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 12 00:59:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	130550	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	539076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	292801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	641872	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	745494	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	800274	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1942	0.64	ng/uL	0.01
5) Phenol-d5	6.81	99	89441	7.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	225952	31.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	237872	25.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	156458	15.82	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	143965	33.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	158441	32.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	257365	29.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	4342	0.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	842907	34.50	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1039630	34.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	29159	6.30	ng/ul	0.00
57) Fluorene-d10	15.28	176	718946	34.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	113879	30.28	ng/ul	0.00
70) Anthracene-d10	17.13	188	1104604	36.07	ng/ul	0.00
76) Pyrene-d10	19.43	212	1220711	34.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	1366042	36.74	ng/ul	0.00

Target Compounds

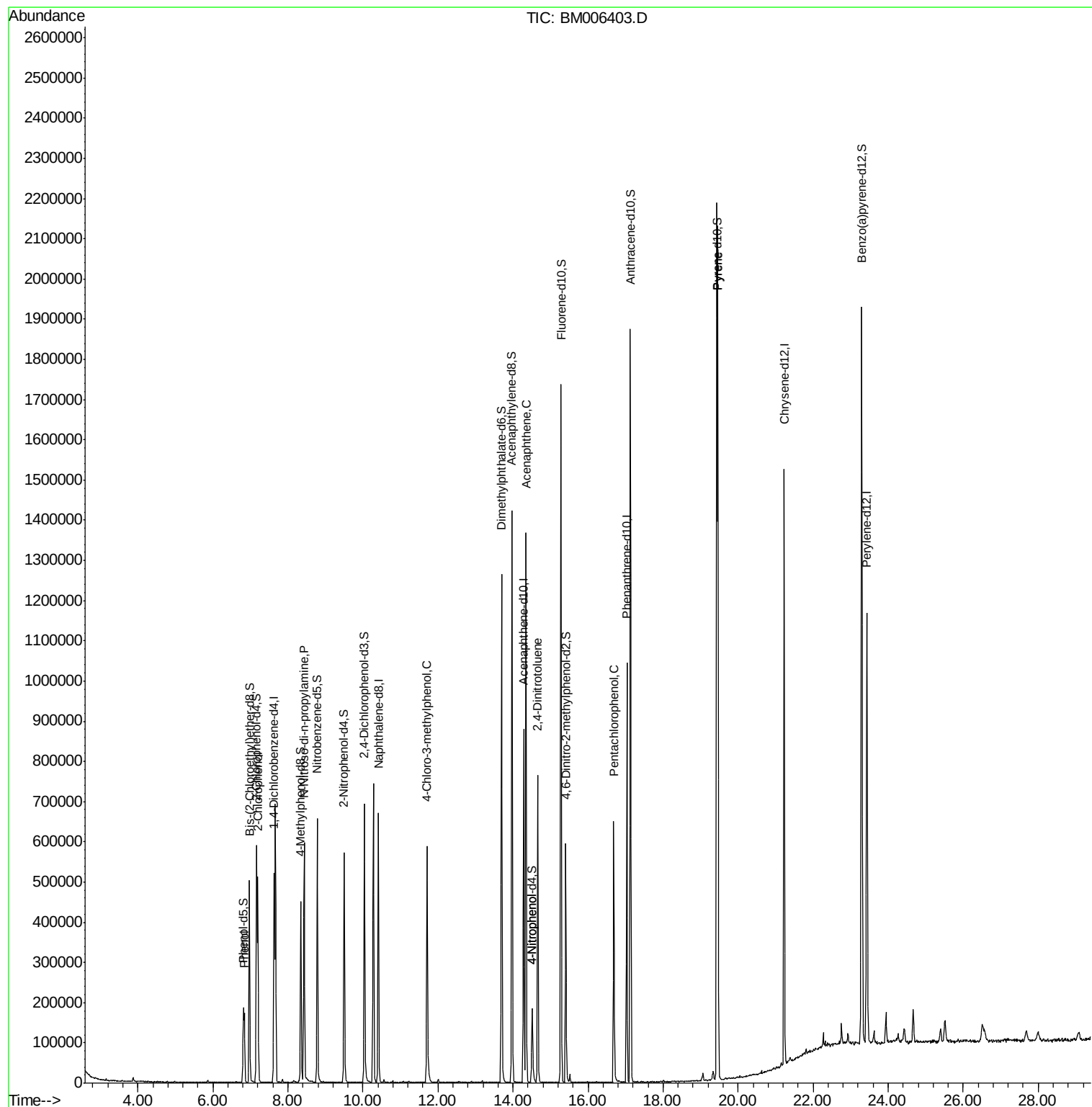
						Qvalue
6) Phenol	6.83	94	78325	6.17	ng/ul	96
10) 2-Chlorophenol	7.20	128	198428	20.49	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	196870	22.86	ng/ul	96
33) 4-Chloro-3-methylphenol	11.71	107	214747	20.15	ng/ul	96
49) Acenaphthene	14.34	153	556888	27.60	ng/ul	98
52) 4-Nitrophenol	14.52	109	26509	5.69	ng/ul	93
54) 2,4-Dinitrotoluene	14.66	165	196557	26.14	ng/ul	98
68) Pentachlorophenol	16.69	266	112370	26.65	ng/ul	97
77) Pyrene	19.46	202	1280103	27.38	ng/ul#	94

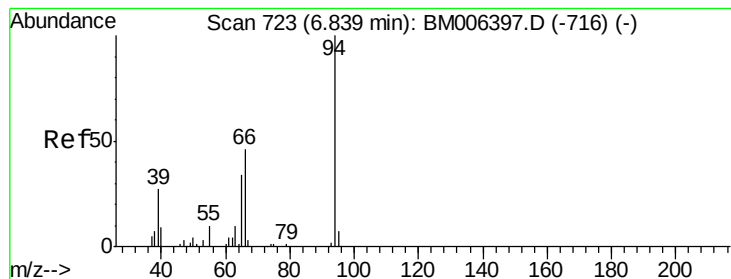
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.17 ng/ul

RT: 6.83 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

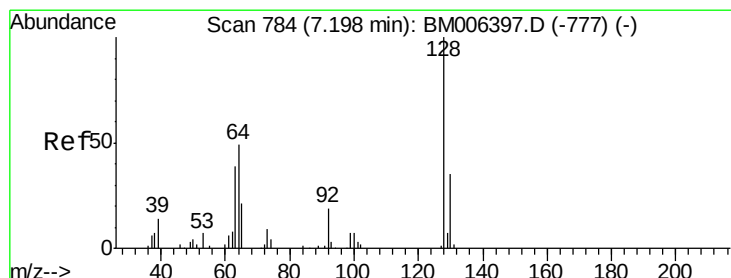
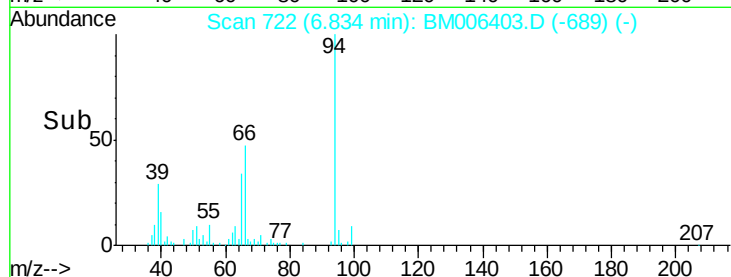
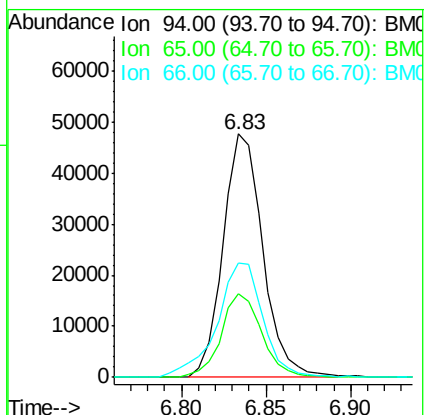
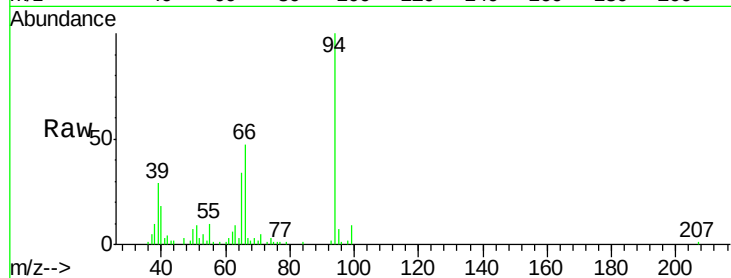
Tgt Ion: 94 Resp: 78325

Ion Ratio Lower Upper

94 100

65 34.3 25.8 38.8

66 47.1 35.7 53.5



#10

2-Chlorophenol

Concen: 20.49 ng/ul

RT: 7.20 min Scan# 784

Delta R.T. 0.00 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

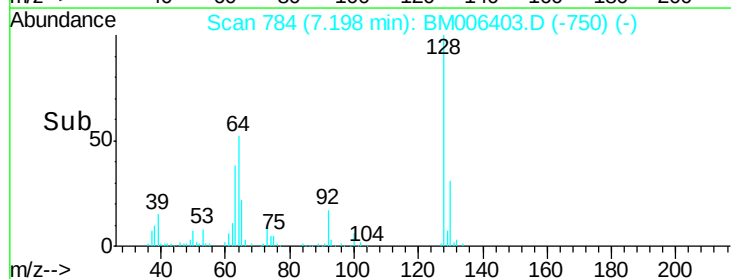
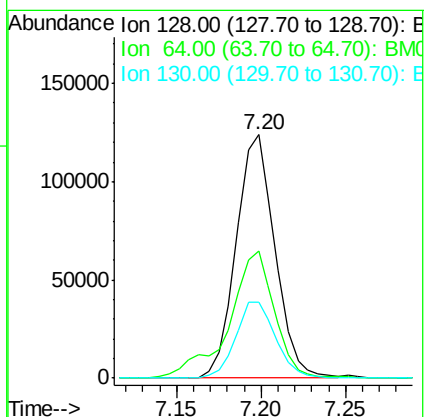
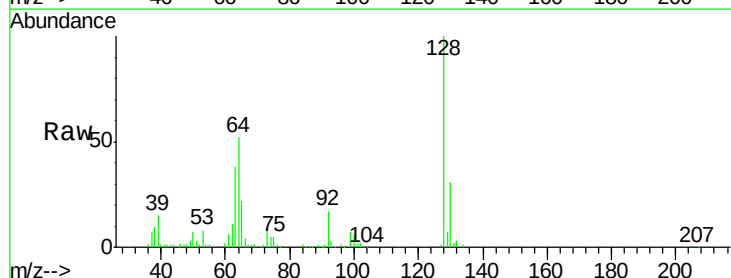
Tgt Ion: 128 Resp: 198428

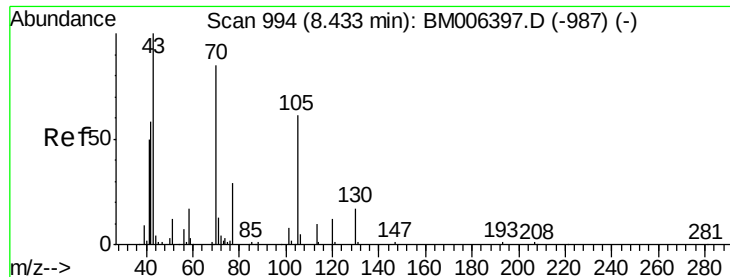
Ion Ratio Lower Upper

128 100

64 52.1 42.6 63.8

130 31.1 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 22.86 ng/ul

RT: 8.43 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

Tgt Ion: 70 Resp: 196870

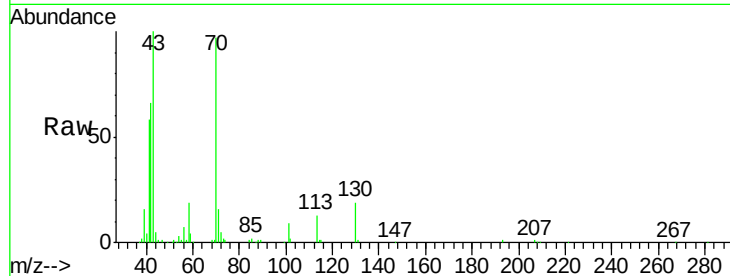
Ion Ratio Lower Upper

70 100

42 67.5 50.6 75.8

101 9.0 7.9 11.9

130 19.7 15.8 23.6

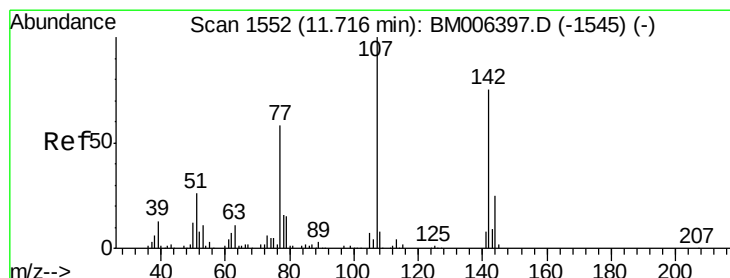
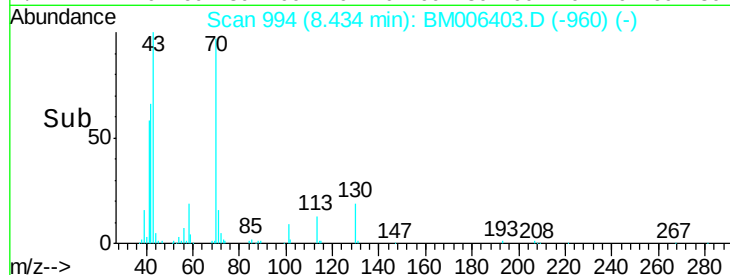
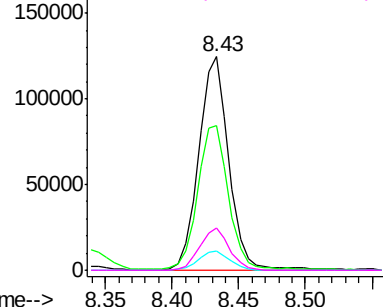


Abundance Ion 70.00 (69.70 to 70.70): BM006403.D (-960) (-)

Ion 42.00 (41.70 to 42.70): BM006403.D (-960) (-)

Ion 101.00 (100.70 to 101.70): BM006403.D (-960) (-)

Ion 130.00 (129.70 to 130.70): BM006403.D (-960) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.15 ng/ul

RT: 11.71 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

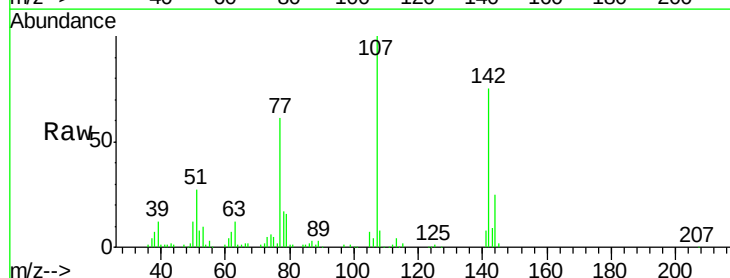
Tgt Ion: 107 Resp: 214747

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.4

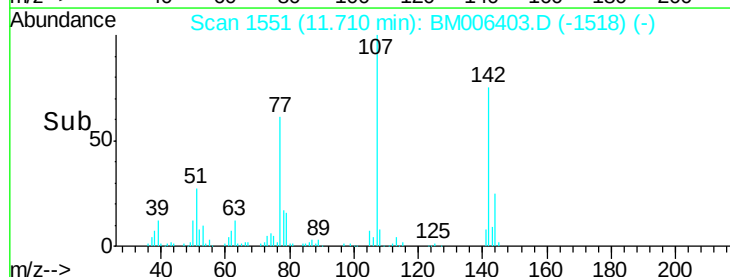
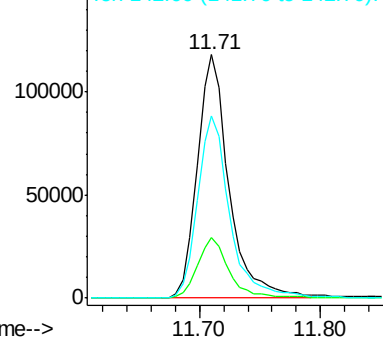
142 74.6 63.4 95.2

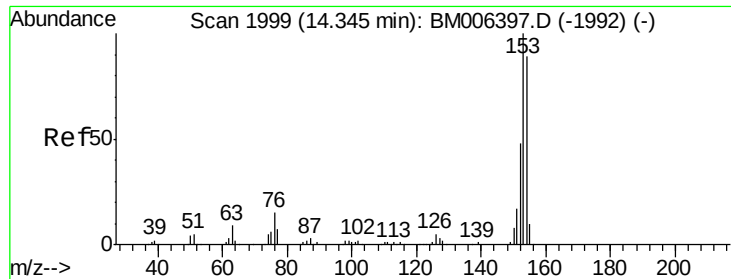


Abundance Ion 107.00 (106.70 to 107.70): BM006403.D (-1518) (-)

Ion 144.00 (143.70 to 144.70): BM006403.D (-1518) (-)

Ion 142.00 (141.70 to 142.70): BM006403.D (-1518) (-)





#49

Acenaphthene

Concen: 27.60 ng/ul

RT: 14.34 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

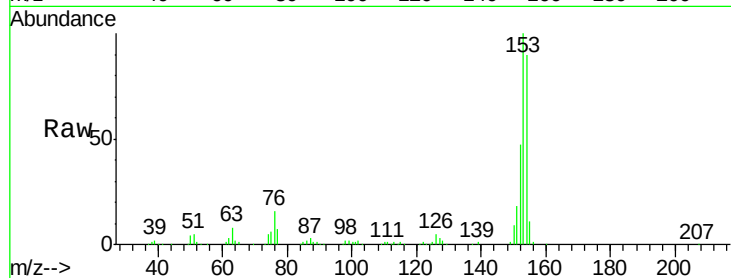
Tgt Ion:153 Resp: 556888

Ion Ratio Lower Upper

153 100

152 46.8 37.7 56.5

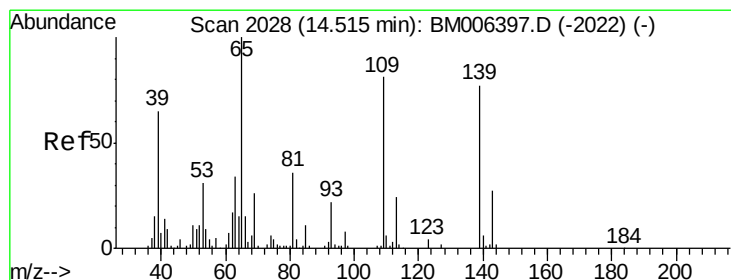
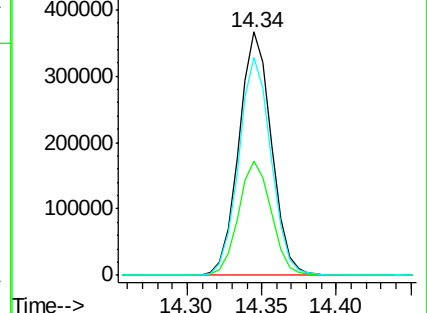
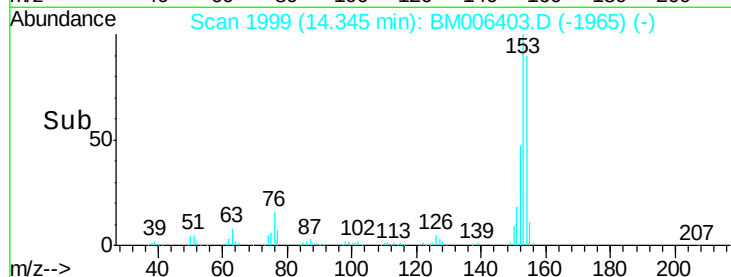
154 89.8 70.0 105.0



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: 5.69 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

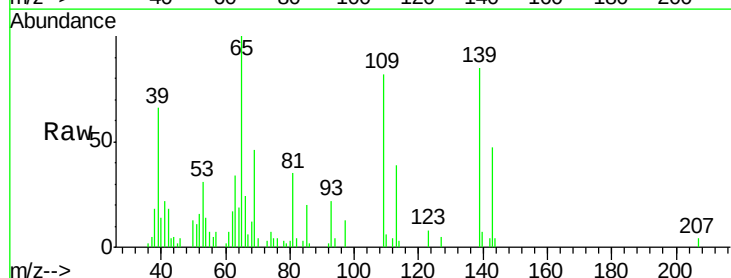
Tgt Ion:109 Resp: 26509

Ion Ratio Lower Upper

109 100

139 103.5 87.8 131.8

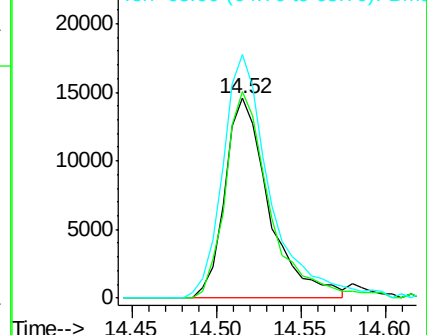
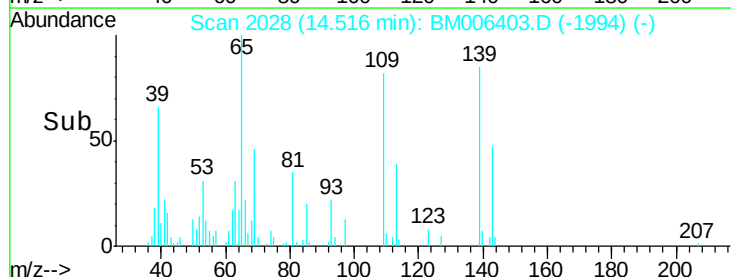
65 121.9 105.7 158.5

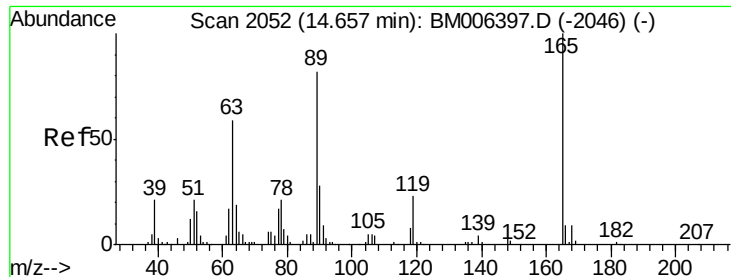


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

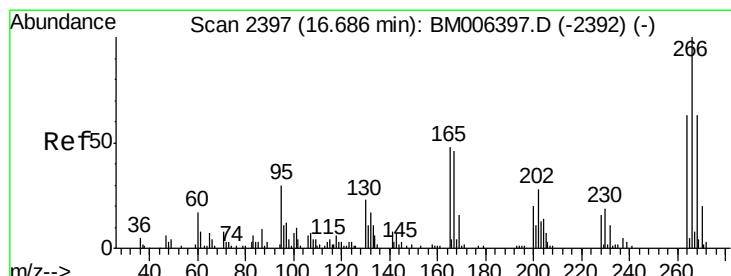
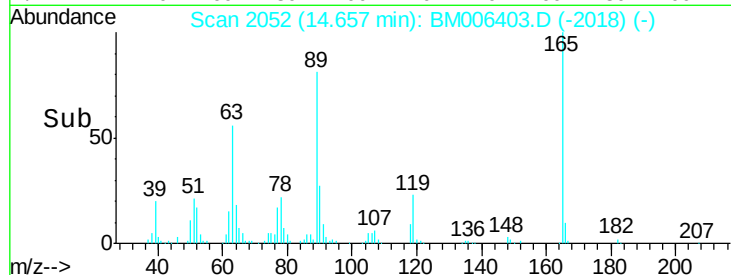
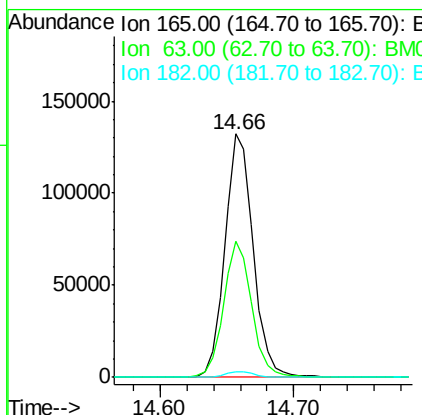
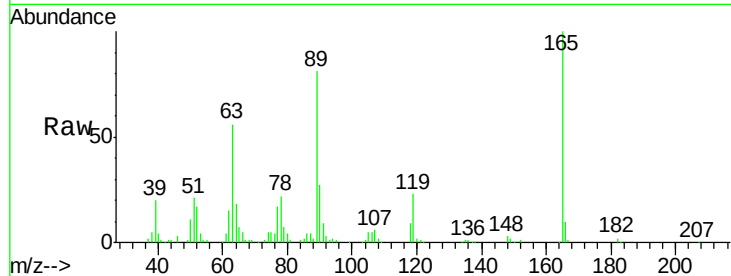




#54
2,4-Dinitrotoluene
Concen: 26.14 ng/ul
RT: 14.66 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BM006403.D
Acq: 11 Jul 2016 20:00

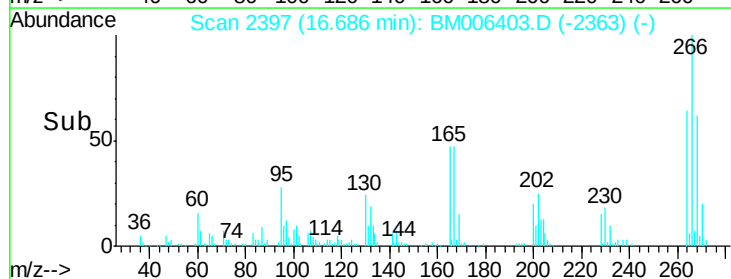
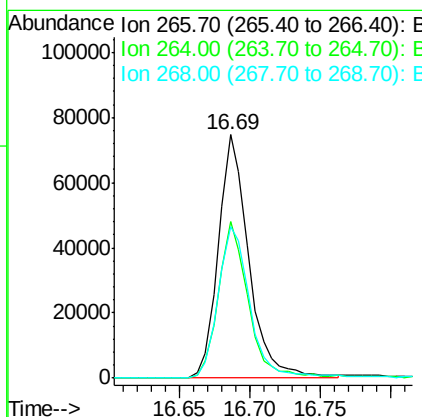
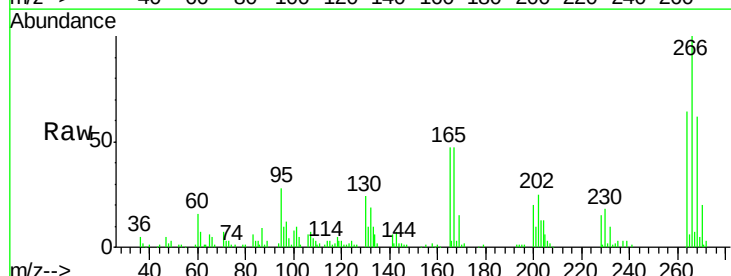
Instrument :
BNA_M
ClientSampleId :
A4TS1MSD

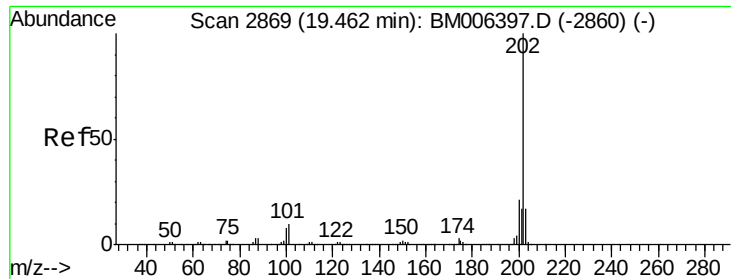
Tgt Ion:165 Resp: 196557
Ion Ratio Lower Upper
165 100
63 55.8 43.7 65.5
182 2.4 2.1 3.1



#68
Pentachlorophenol
Concen: 26.65 ng/ul
RT: 16.69 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM006403.D
Acq: 11 Jul 2016 20:00

Tgt Ion:266 Resp: 112370
Ion Ratio Lower Upper
266 100
264 64.3 53.7 80.5
268 62.0 51.4 77.0





#77

Pyrene

Concen: 27.38 ng/ul

RT: 19.46 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BM006403.D

Acq: 11 Jul 2016 20:00

Instrument :

BNA_M

ClientSampleId :

A4TS1MSD

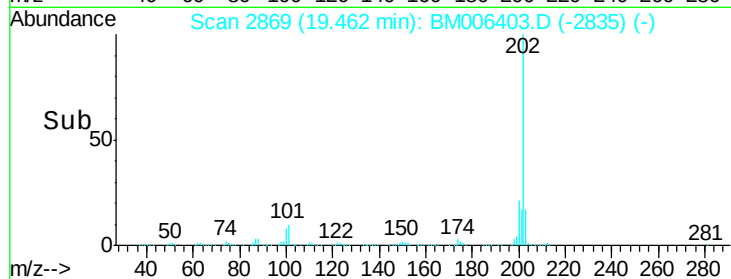
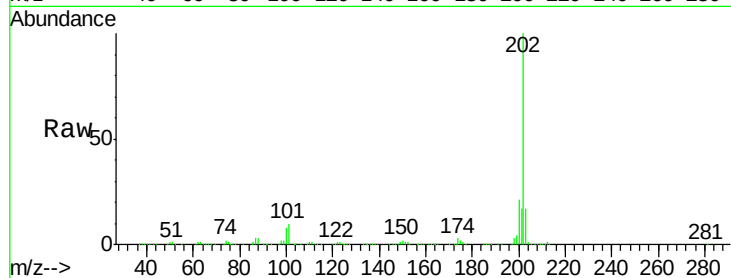
Tgt Ion:202 Resp: 1280103

Ion Ratio Lower Upper

202 100

101 10.0 10.0 15.0#

100 8.0 7.9 11.9



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

