

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
 Data File : BM003699.D
 Acq On : 22 Dec 2015 04:53
 Operator : UM/SJ
 Sample : G4801-35MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C81MSD

Quant Time: Dec 22 05:58:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:40:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	34319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	141828	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	75666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	162332	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	176009	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	173176	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	3697	5.80	ng/uL	0.00
5) Phenol-d5	6.87	99	75941	26.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	43428	28.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	66706	28.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	63860	25.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	31700	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	33237	28.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	59515	28.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	79459	28.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	185630	29.68	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	223582	31.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	29602	24.30	ng/ul	0.00
58) Fluorene-d10	15.34	176	158638	30.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	19871	21.72	ng/ul	0.00
71) Anthracene-d10	17.19	188	235104	31.83	ng/ul	0.00
79) Pyrene-d10	19.50	212	268632	34.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	287189	33.38	ng/ul	0.00

Target Compounds

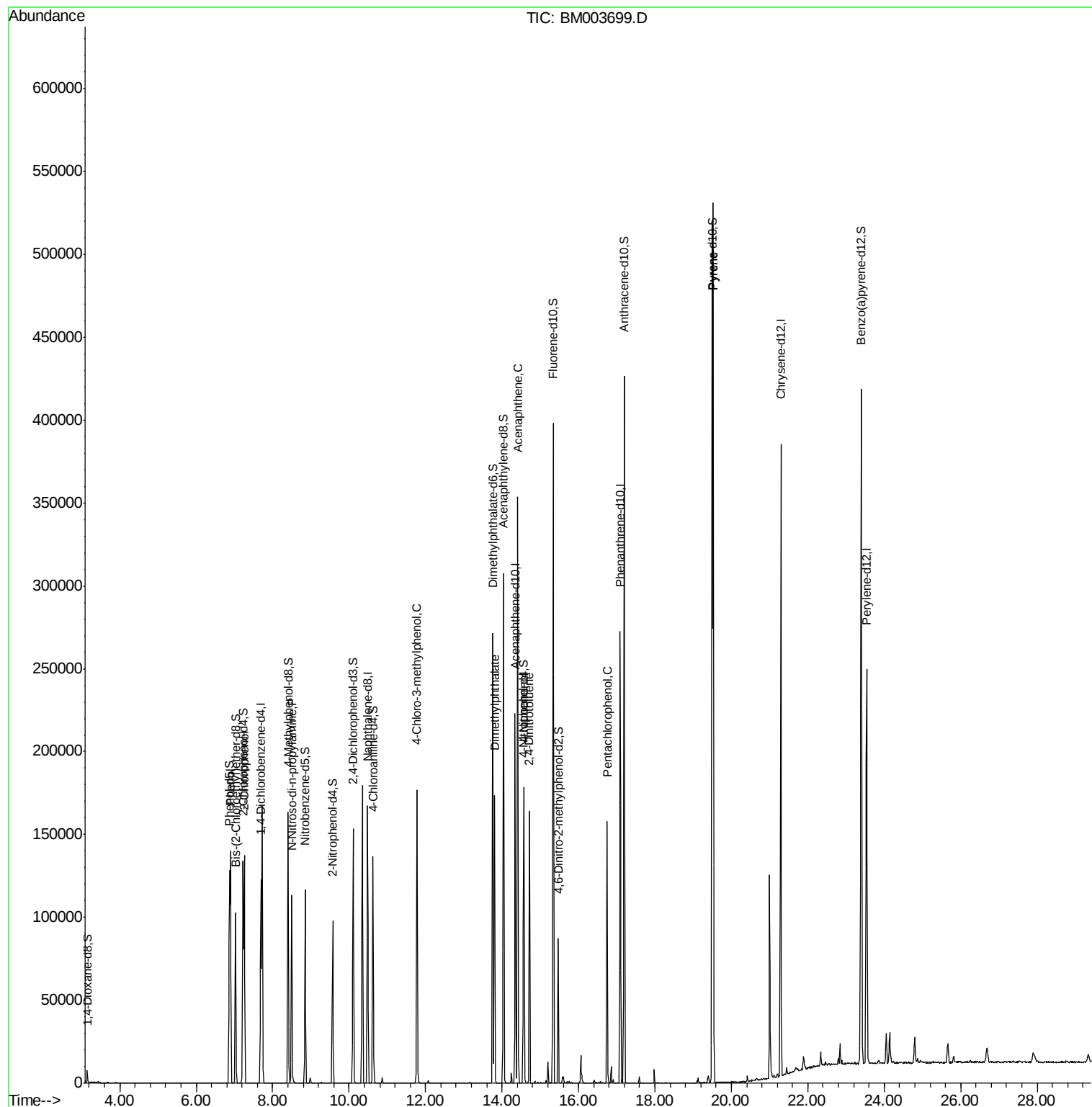
						Qvalue
6) Phenol	6.89	94	78413	25.74	ng/ul	99
10) 2-Chlorophenol	7.26	128	65447	26.68	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	45736	24.13	ng/ul	99
33) 4-Chloro-3-methylphenol	11.77	107	66901	25.97	ng/ul	99
45) Dimethylphthalate	13.80	163	111838	17.48	ng/ul	100
50) Acenaphthene	14.41	153	145787	28.04	ng/ul	98
53) 4-Nitrophenol	14.57	109	26105	25.32	ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	50157	26.49	ng/ul	98
69) Pentachlorophenol	16.75	266	26905	26.53	ng/ul	97
80) Pyrene	19.53	202	307652	30.37	ng/ul	99

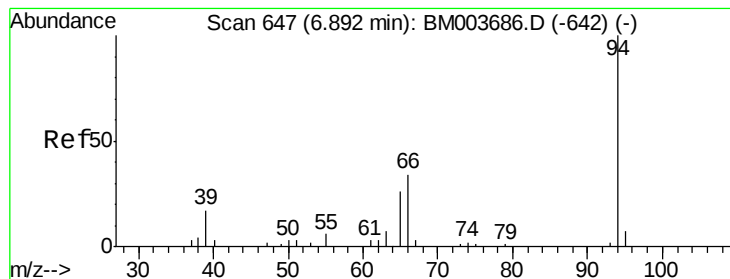
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 25.74 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

Instrument :

BNA_M

ClientSampleId :

G9C81MSD

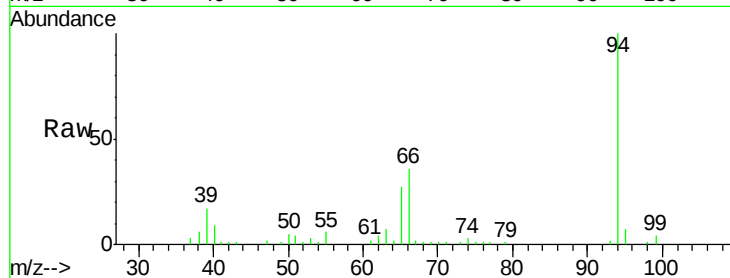
Tgt Ion: 94 Resp: 78413

Ion Ratio Lower Upper

94 100

65 27.1 21.0 31.6

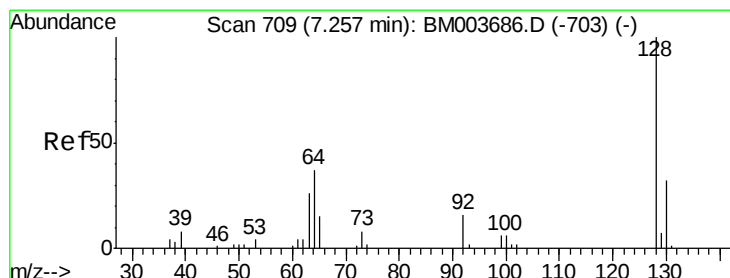
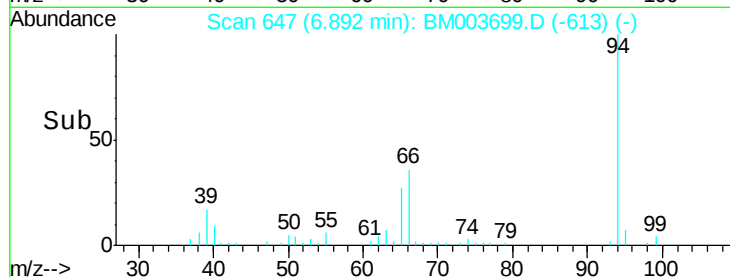
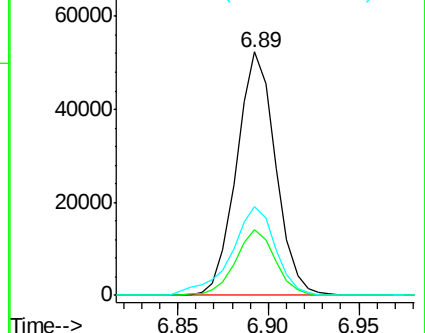
66 36.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM003686.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM003686.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM003686.D (-642) (-)



#10

2-Chlorophenol

Concen: 26.68 ng/ul

RT: 7.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

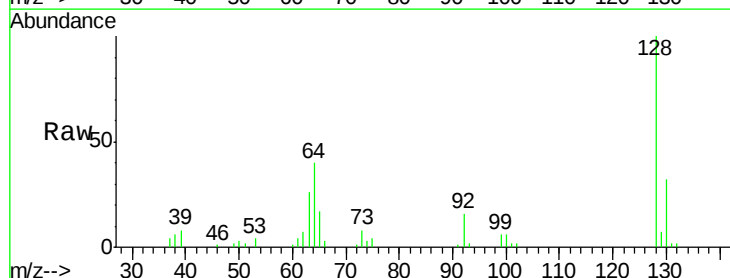
Tgt Ion: 128 Resp: 65447

Ion Ratio Lower Upper

128 100

64 40.4 31.9 47.9

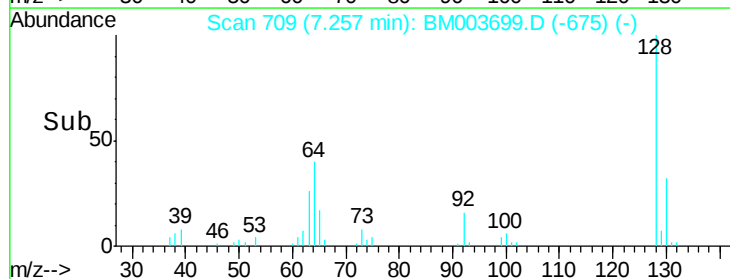
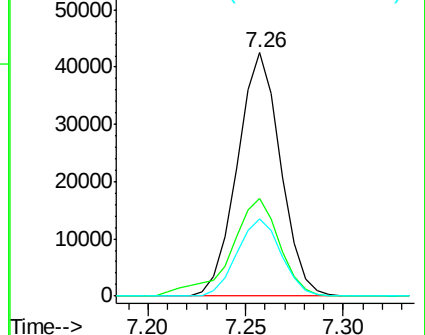
130 31.9 25.6 38.4

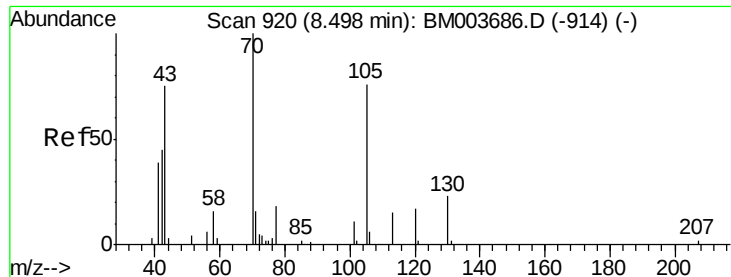


Abundance Ion 128.00 (127.70 to 128.70): BM003686.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BM003686.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BM003686.D (-703) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 24.13 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

Instrument :

BNA_M

ClientSampleId :

G9C81MSD

Tgt Ion: 70 Resp: 45736

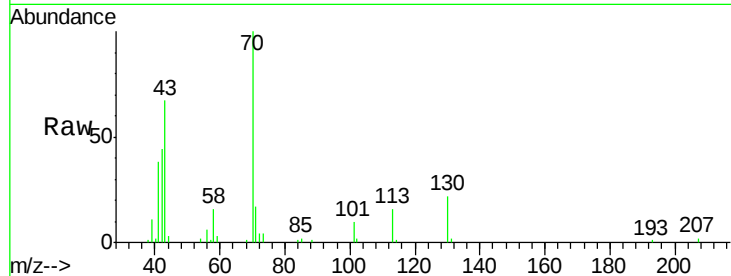
Ion Ratio Lower Upper

70 100

42 44.1 35.4 53.0

101 10.1 8.4 12.6

130 22.3 18.2 27.4

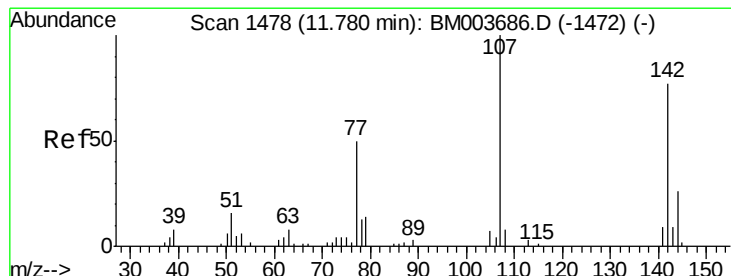
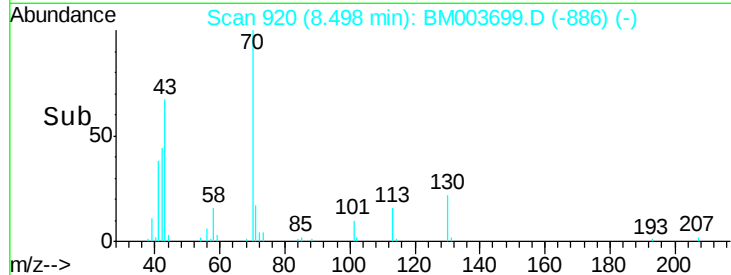
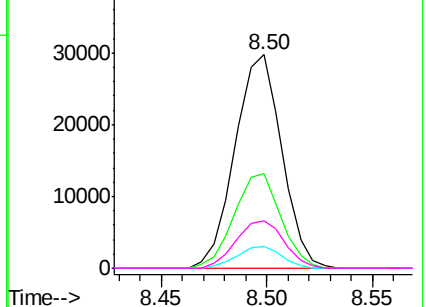


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 25.97 ng/ul

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

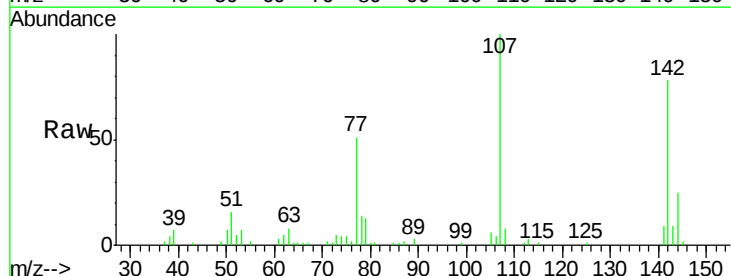
Tgt Ion: 107 Resp: 66901

Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

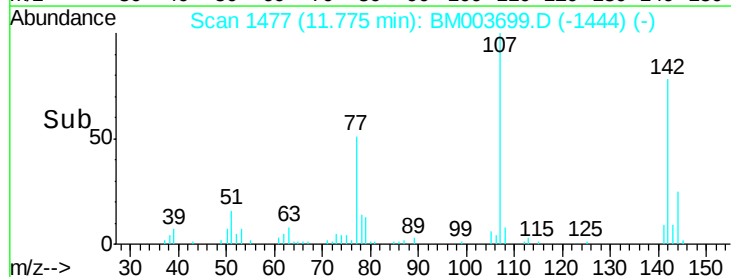
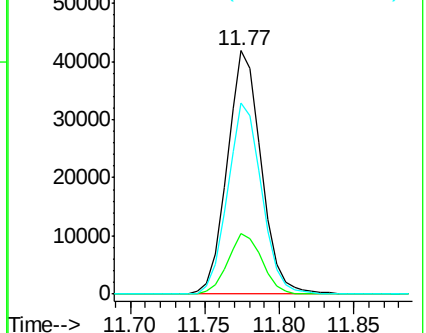
142 78.4 62.5 93.7

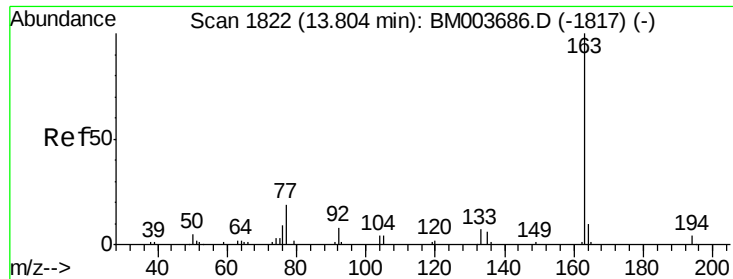


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 17.48 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

Instrument :

BNA_M

ClientSampled :

G9C81MSD

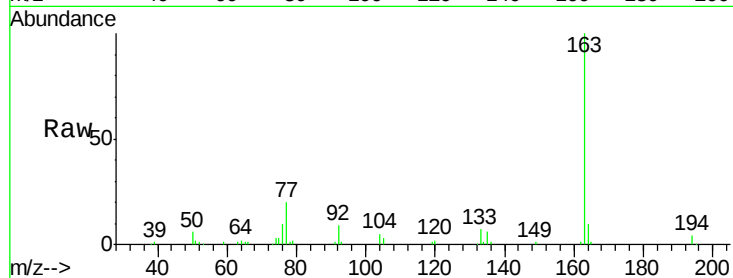
Tgt Ion:163 Resp: 111838

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

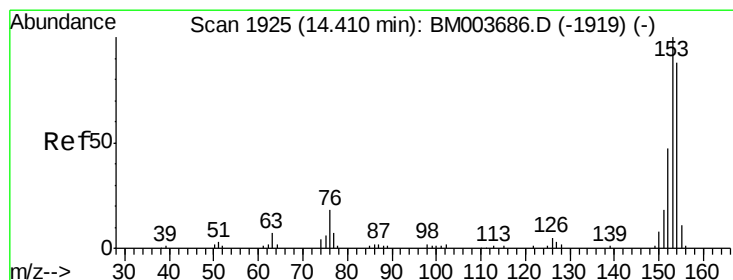
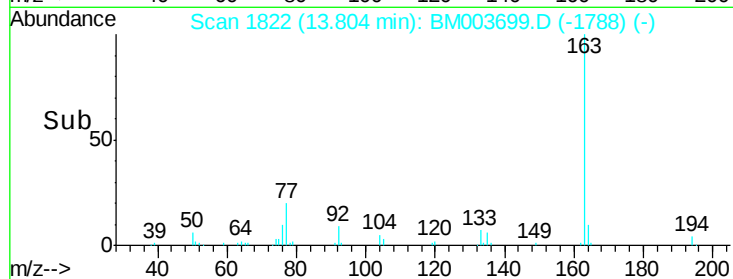
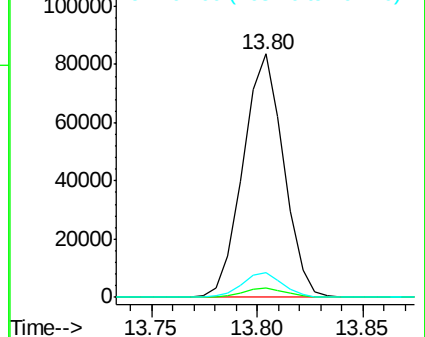
164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 28.04 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

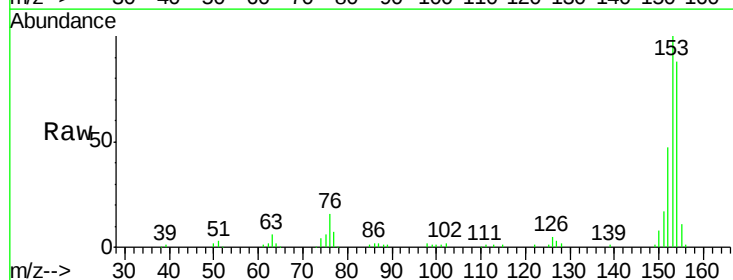
Tgt Ion:153 Resp: 145787

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

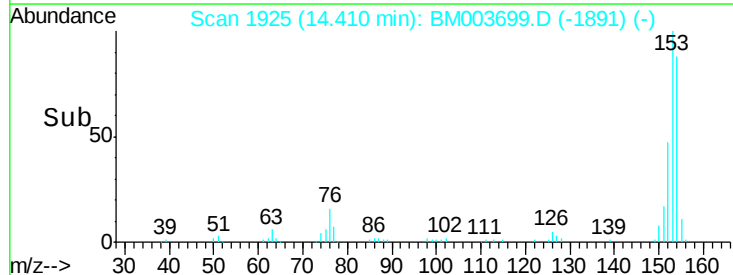
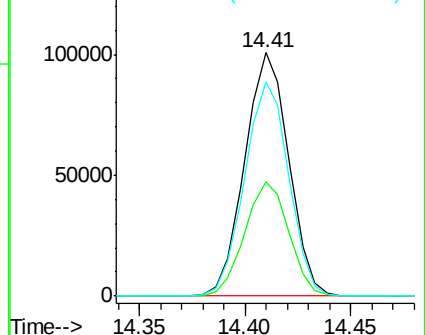
154 87.7 71.8 107.8

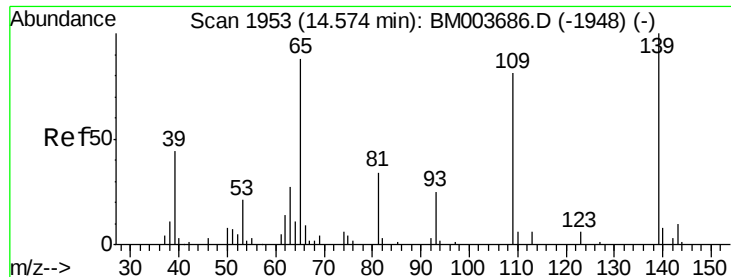


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 25.32 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

Instrument :

BNA_M

ClientSampleId :

G9C81MSD

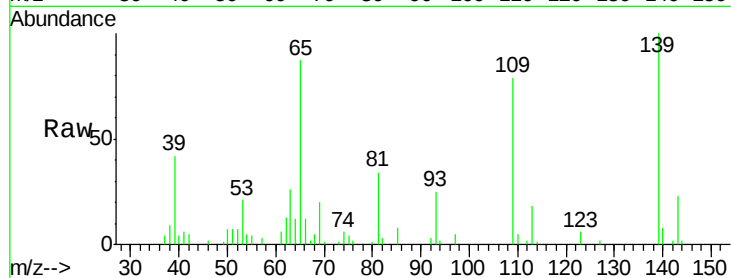
Tgt Ion:109 Resp: 26105

Ion Ratio Lower Upper

109 100

139 126.4 103.7 155.5

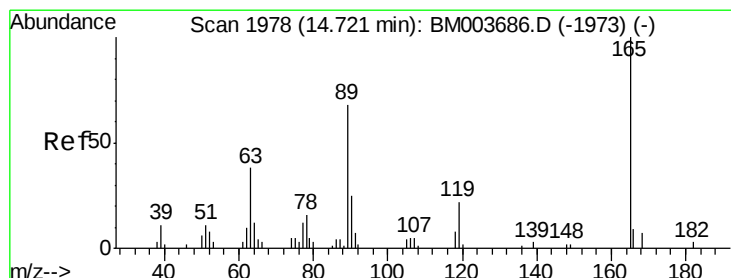
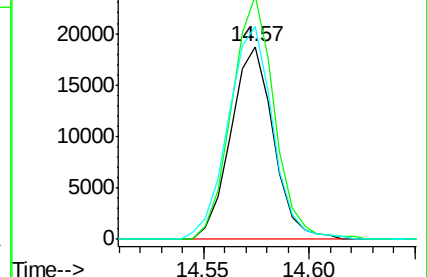
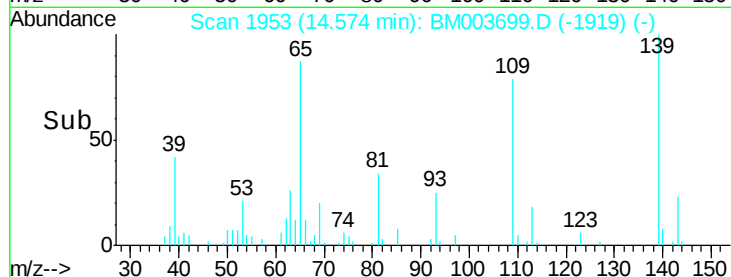
65 110.3 89.4 134.2



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



#55

2,4-Dinitrotoluene

Concen: 26.49 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM003699.D

Acq: 22 Dec 2015 04:53

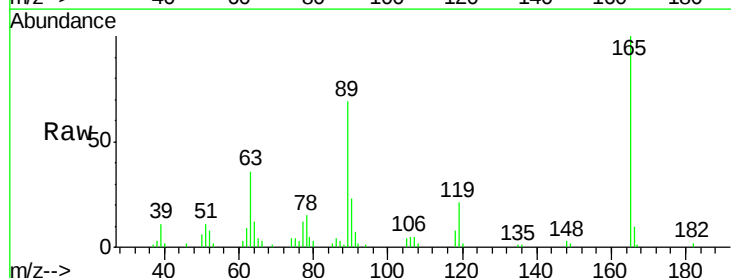
Tgt Ion:165 Resp: 50157

Ion Ratio Lower Upper

165 100

63 36.0 29.8 44.6

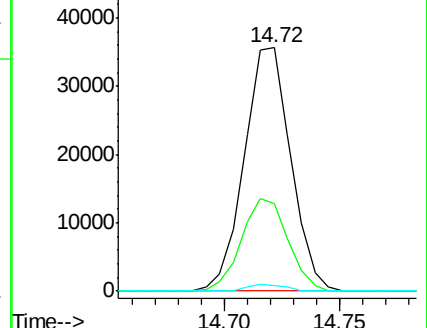
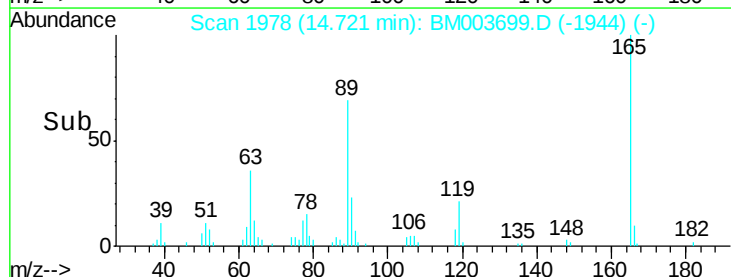
182 2.5 2.2 3.4

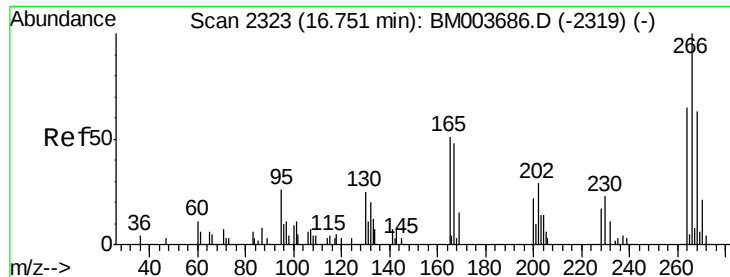


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

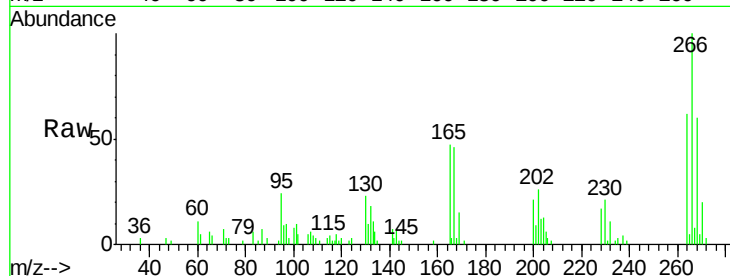




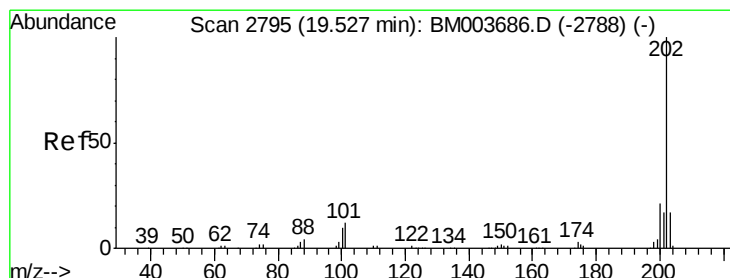
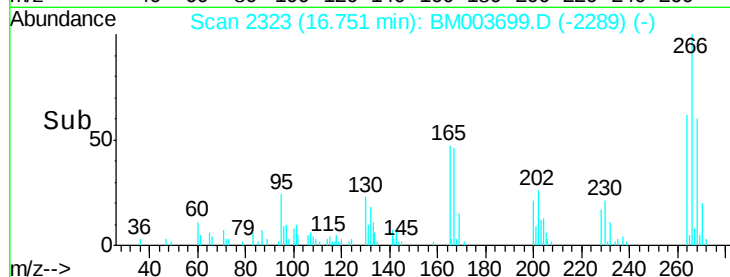
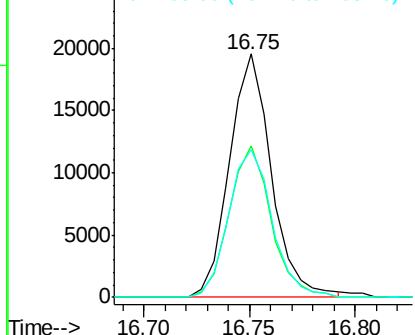
#69
 Pentachlorophenol
 Concen: 26.53 ng/ul
 RT: 16.75 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM003699.D
 Acq: 22 Dec 2015 04:53

Instrument :
 BNA_M
 ClientSampled :
 G9C81MSD

Tgt Ion:266 Resp: 26905
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.5 75.7
 268 60.4 50.9 76.3

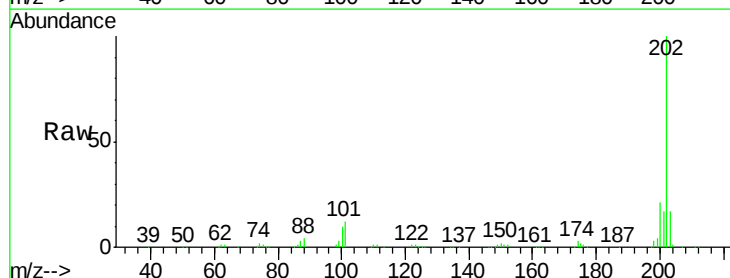


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 30.37 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM003699.D
 Acq: 22 Dec 2015 04:53

Tgt Ion:202 Resp: 307652
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.2 15.2
 100 9.9 8.5 12.7



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

