

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010116\
 Data File : BM003887.D
 Acq On : 30 Dec 2015 19:29
 Operator : SJ/UM
 Sample : G4868-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43M8MS

Quant Time: Dec 30 23:01:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 22:56:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	247396	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	138715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	279376	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	227695	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	207459	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1401	1.15	ng/uL	0.00
5) Phenol-d5	6.85	99	30575	6.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	62542	24.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	77115	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	55167	15.04	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	45522	24.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	49635	24.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	84211	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1312	0.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	293630	26.96	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	336459	25.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	10523	5.38	ng/ul	0.00
58) Fluorene-d10	15.32	176	243273	26.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	36858	23.40	ng/ul	0.00
71) Anthracene-d10	17.17	188	357170	27.64	ng/ul	0.00
79) Pyrene-d10	19.48	212	348314	29.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	292531	28.23	ng/ul	0.00

Target Compounds

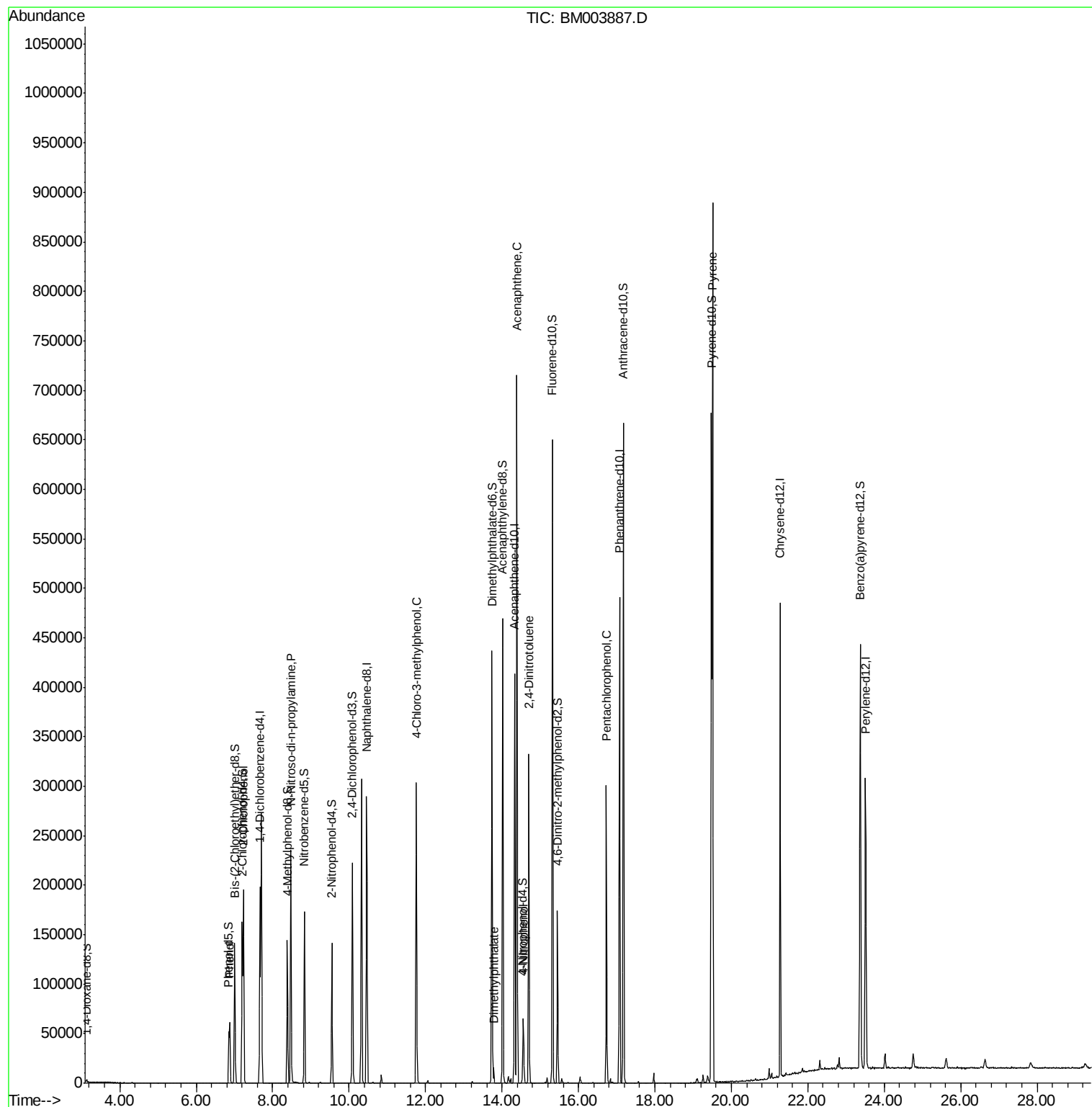
						Qvalue
6) Phenol	6.87	94	37181	7.78	ng/ul	100
10) 2-Chlorophenol	7.24	128	93883	24.14	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	89875	31.34	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	113489	27.10	ng/ul	99
45) Dimethylphthalate	13.78	163	11923	1.07	ng/ul#	95
50) Acenaphthene	14.39	153	283934	29.54	ng/ul	99
53) 4-Nitrophenol	14.56	109	10041	6.50	ng/ul	93
55) 2,4-Dinitrotoluene	14.70	165	96052	30.22	ng/ul	99
69) Pentachlorophenol	16.73	266	49136	31.89	ng/ul	99
80) Pyrene	19.51	202	518473	33.54	ng/ul	99

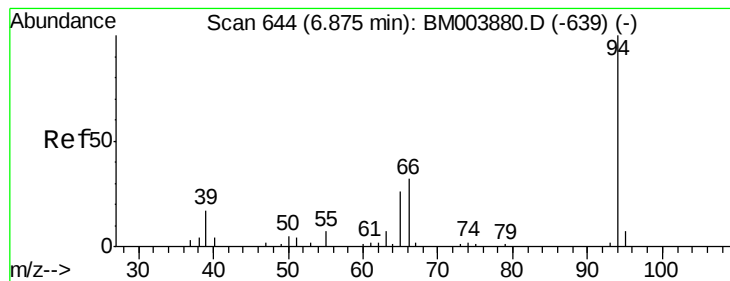
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.78 ng/ul

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

Instrument :

BNA_M

ClientSampleId :

E43M8MS

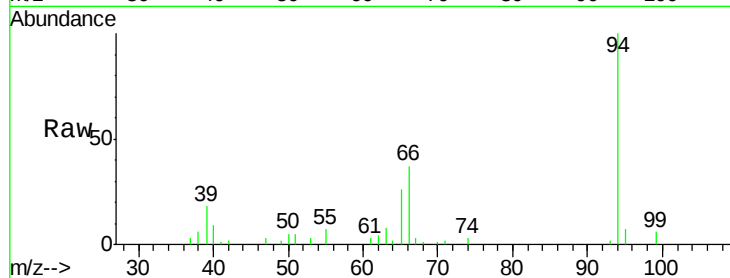
Tgt Ion: 94 Resp: 37181

Ion Ratio Lower Upper

94 100

65 26.3 21.0 31.6

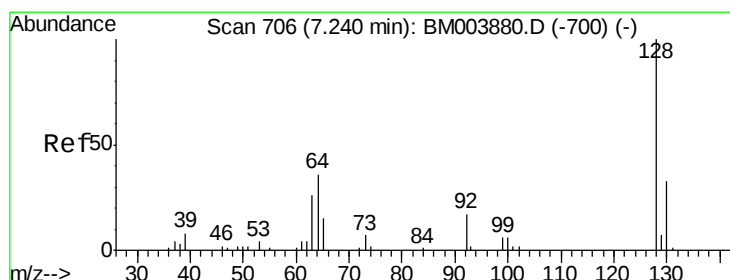
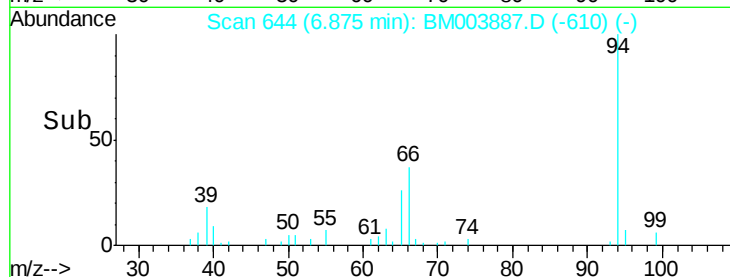
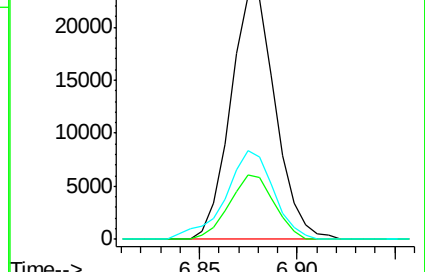
66 36.5 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM003880.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM003880.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM003880.D (-639) (-)



#10

2-Chlorophenol

Concen: 24.14 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

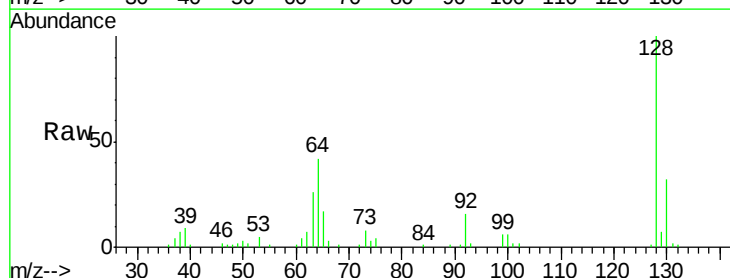
Tgt Ion: 128 Resp: 93883

Ion Ratio Lower Upper

128 100

64 41.5 31.9 47.9

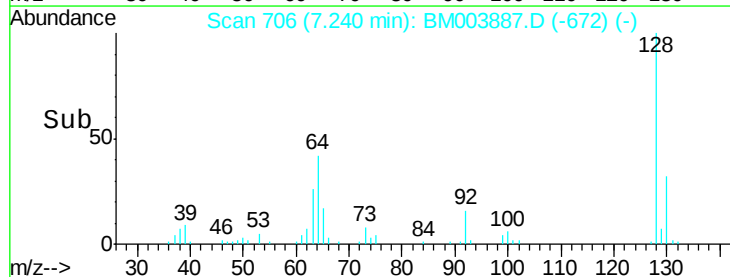
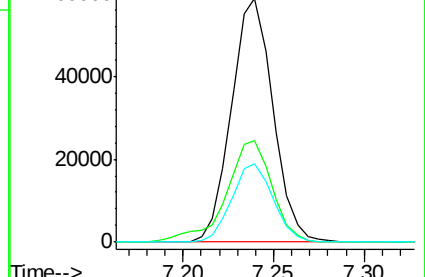
130 32.5 25.6 38.4

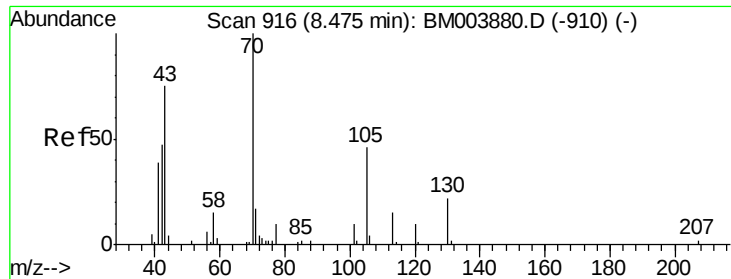


Abundance Ion 128.00 (127.70 to 128.70): BM003880.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM003880.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM003880.D (-700) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 31.34 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

Instrument :

BNA_M

ClientSampleId :

E43M8MS

Tgt Ion: 70 Resp: 89875

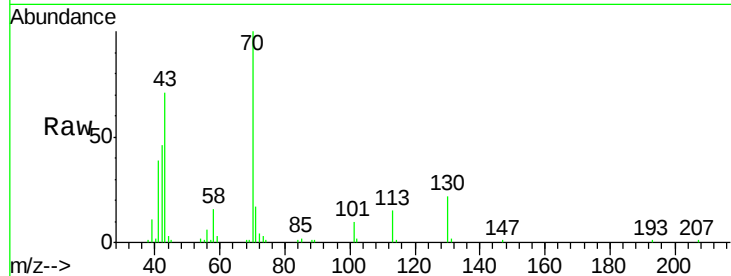
Ion Ratio Lower Upper

70 100

42 46.3 35.4 53.0

101 9.8 8.4 12.6

130 21.8 18.2 27.4

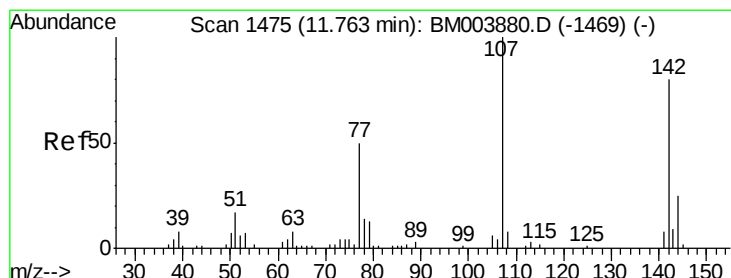
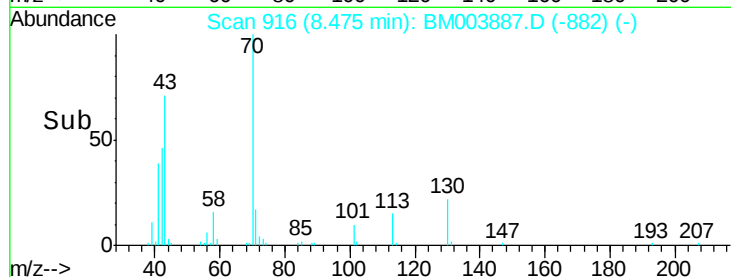
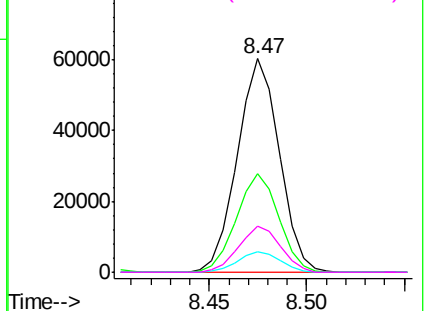


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 27.10 ng/ul

RT: 11.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

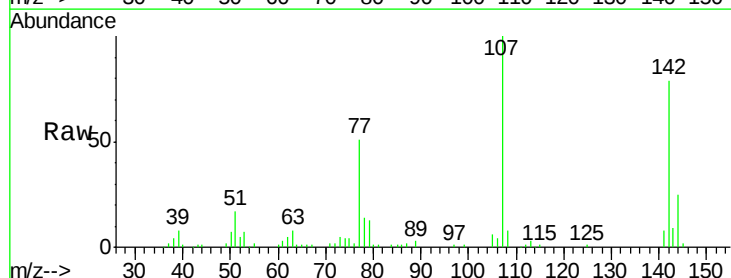
Tgt Ion: 107 Resp: 113489

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

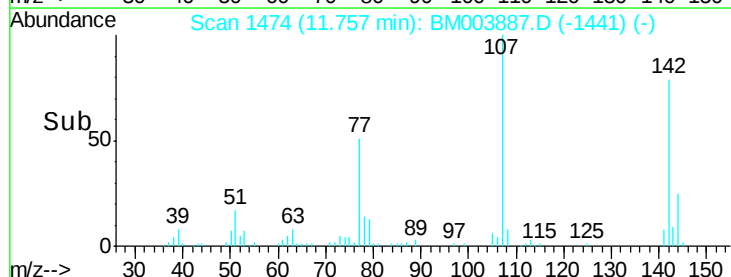
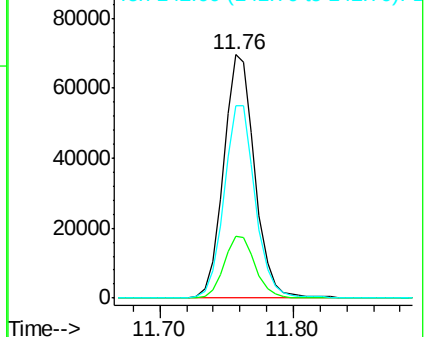
142 78.8 62.5 93.7

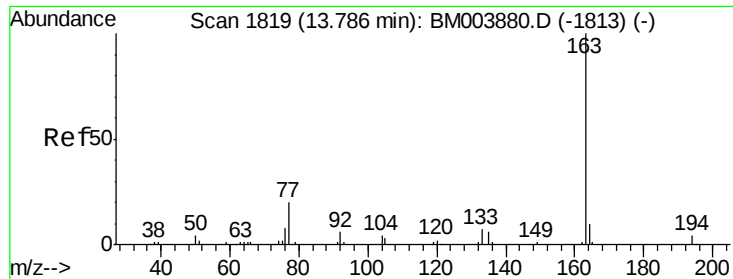


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 1.07 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

Instrument :

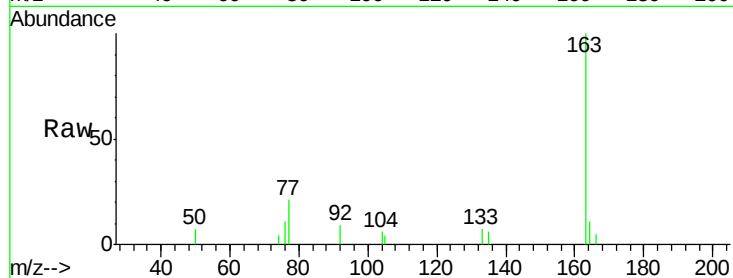
BNA_M

ClientSampleId :

E43M8MS

Tgt Ion:163 Resp: 11923

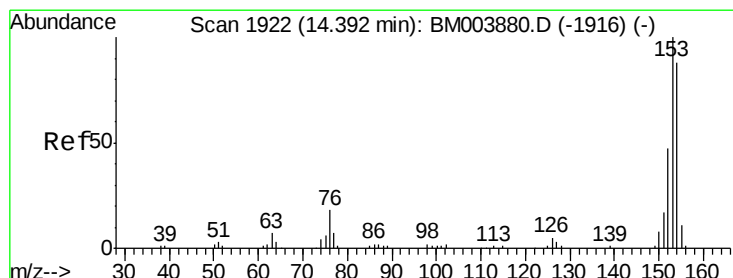
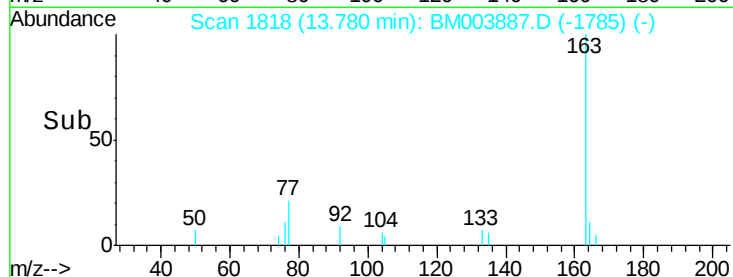
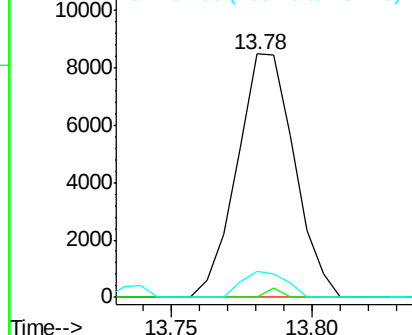
Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	10.6	7.8	11.8



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: 29.54 ng/ul

RT: 14.39 min Scan# 1922

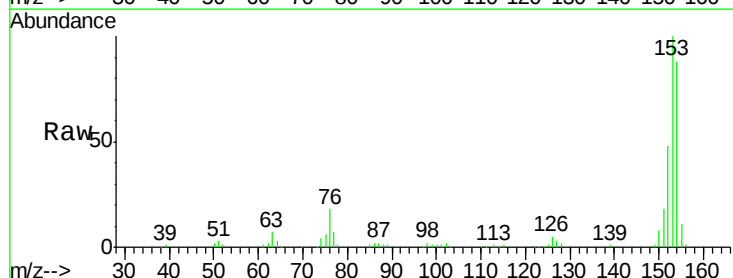
Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

Tgt Ion:153 Resp: 283934

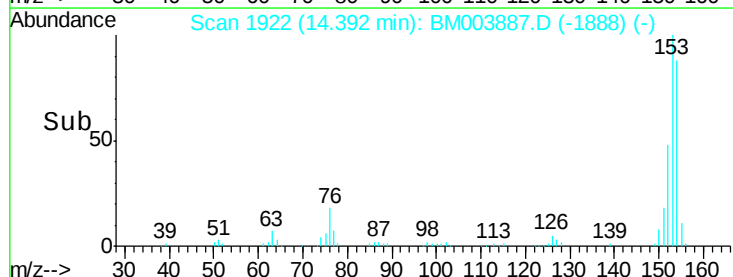
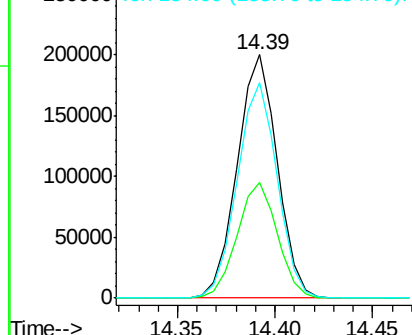
Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.3	57.5
154	88.3	71.8	107.8

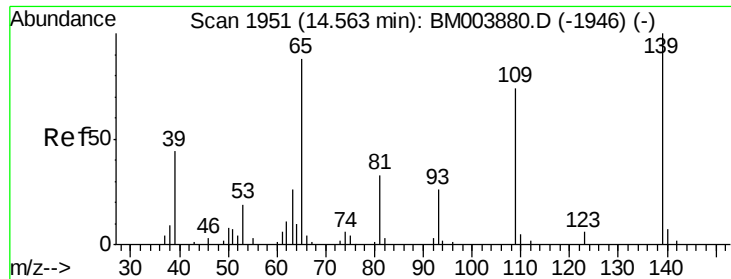


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 6.50 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

Instrument :

BNA_M

ClientSampled :

E43M8MS

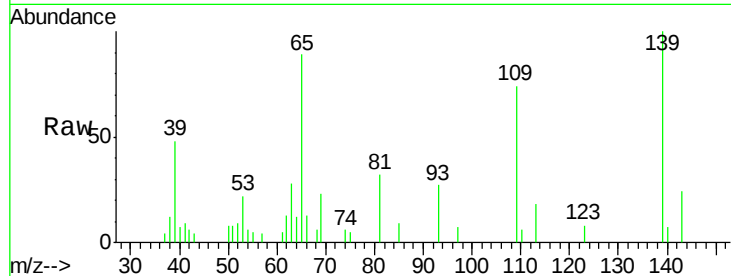
Tgt Ion:109 Resp: 10041

Ion Ratio Lower Upper

109 100

139 135.8 103.7 155.5

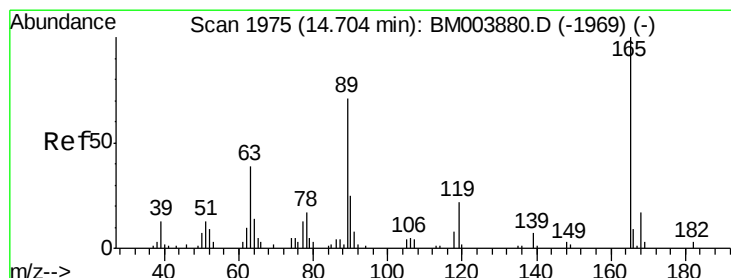
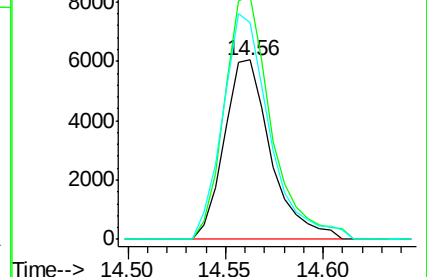
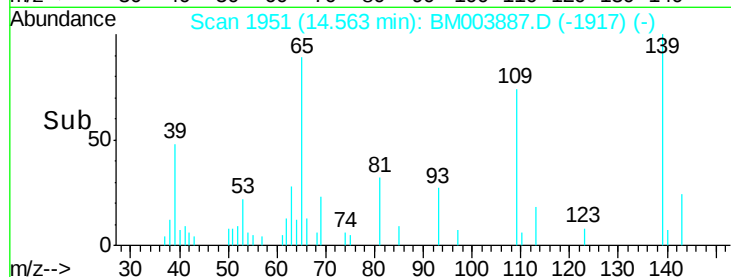
65 120.9 89.4 134.2



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: 30.22 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM003887.D

Acq: 30 Dec 2015 19:29

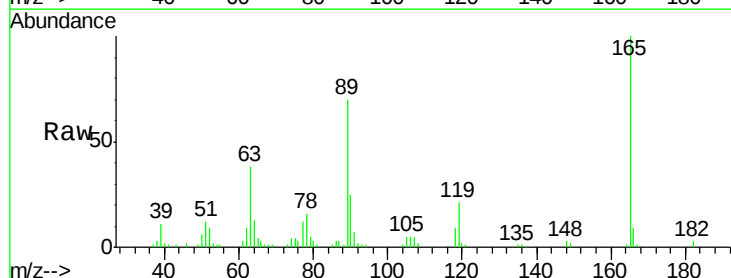
Tgt Ion:165 Resp: 96052

Ion Ratio Lower Upper

165 100

63 37.9 29.8 44.6

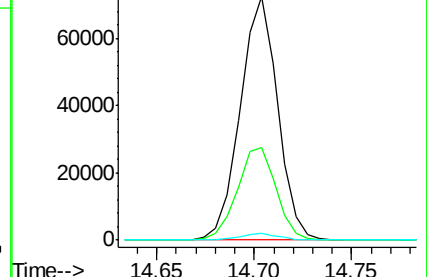
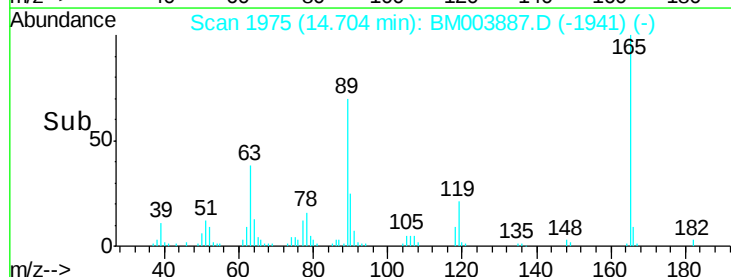
182 2.7 2.2 3.4

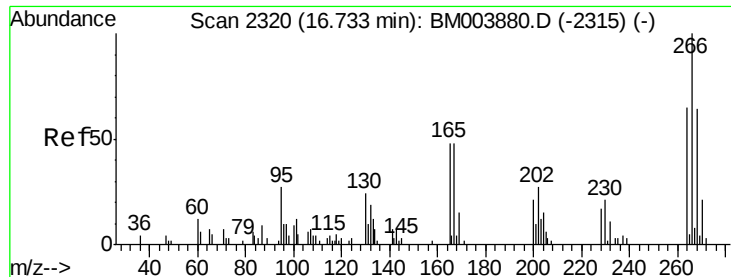


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

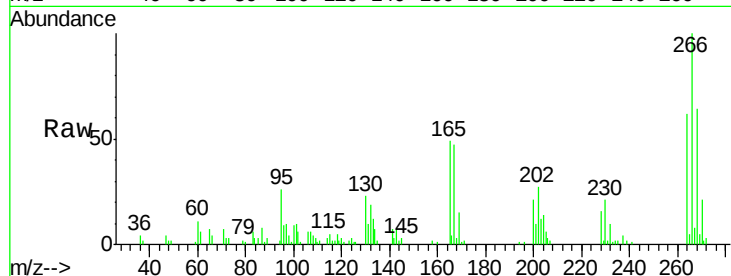




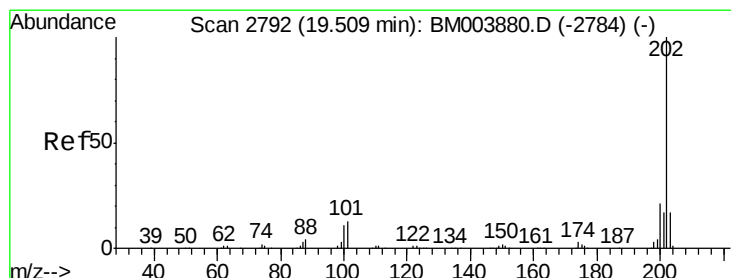
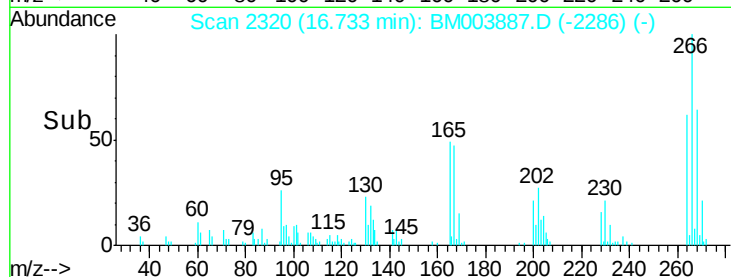
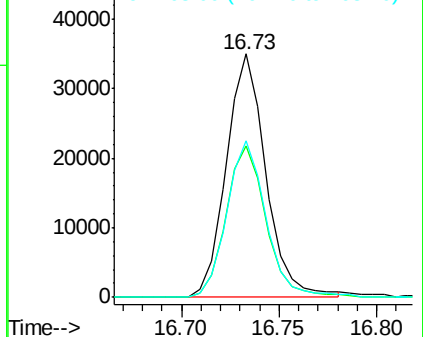
#69
 Pentachlorophenol
 Concen: 31.89 ng/ul
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BM003887.D
 Acq: 30 Dec 2015 19:29

Instrument :
 BNA_M
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 E43M8MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.5	75.7
268	64.1	50.9	76.3

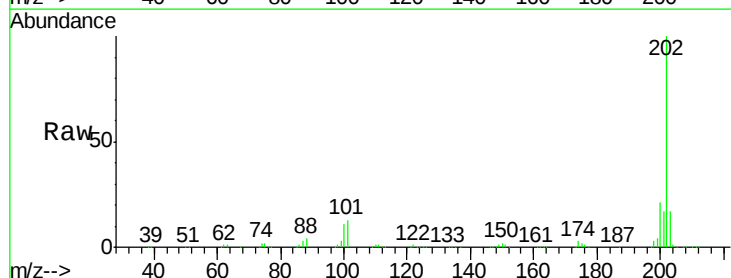


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 33.54 ng/ul
 RT: 19.51 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM003887.D
 Acq: 30 Dec 2015 19:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.2
100	10.8	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

