

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010116\
 Data File : BM003888.D
 Acq On : 30 Dec 2015 20:05
 Operator : SJ/UM
 Sample : G4868-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43M8MSD

Quant Time: Dec 30 23:01:23 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	55125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	249149	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	141268	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	283030	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	251635	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	235559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1599	1.30	ng/uL	0.00
5) Phenol-d5	6.85	99	35672	7.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	72472	28.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	89799	23.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	66099	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	53357	28.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	58733	28.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	99794	27.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	5151	1.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	354005	31.92	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	407267	30.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	13543	6.80	ng/ul	0.00
58) Fluorene-d10	15.32	176	290310	30.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	46278	29.00	ng/ul	0.00
71) Anthracene-d10	17.17	188	430850	32.91	ng/ul	0.00
79) Pyrene-d10	19.48	212	428591	32.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	391064	33.24	ng/ul	0.00

Target Compounds

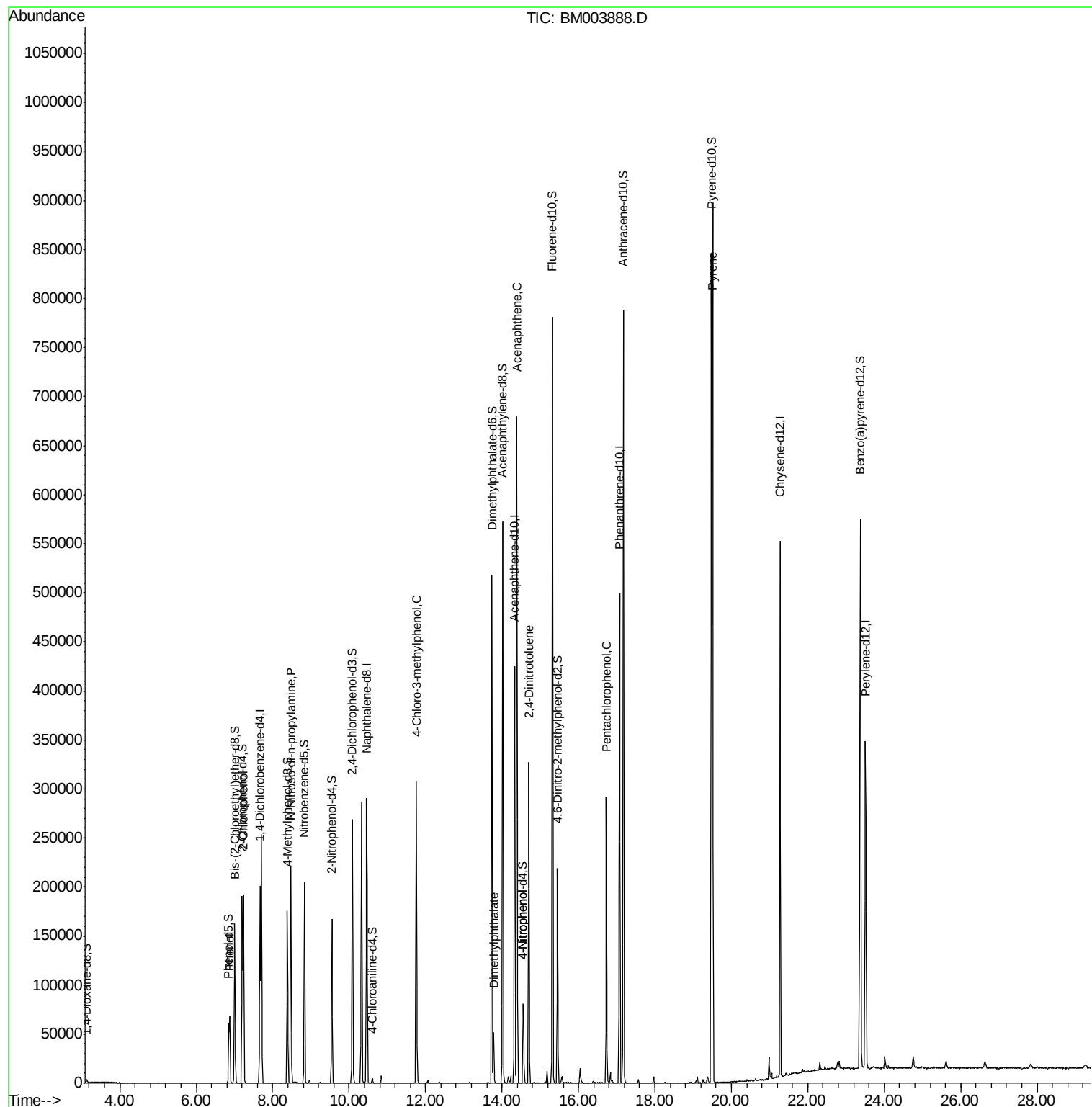
						Qvalue
6) Phenol	6.87	94	40495	8.39	ng/ul	99
10) 2-Chlorophenol	7.24	128	91477	23.27	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	86531	29.85	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	114617	27.18	ng/ul	99
45) Dimethylphthalate	13.79	163	35240	3.12	ng/ul	99
50) Acenaphthene	14.39	153	280070	28.61	ng/ul	100
53) 4-Nitrophenol	14.56	109	11763	7.47	ng/ul	94
55) 2,4-Dinitrotoluene	14.70	165	95904	29.63	ng/ul	98
69) Pentachlorophenol	16.73	266	48788	31.25	ng/ul	98
80) Pyrene	19.51	202	522317	30.58	ng/ul	99

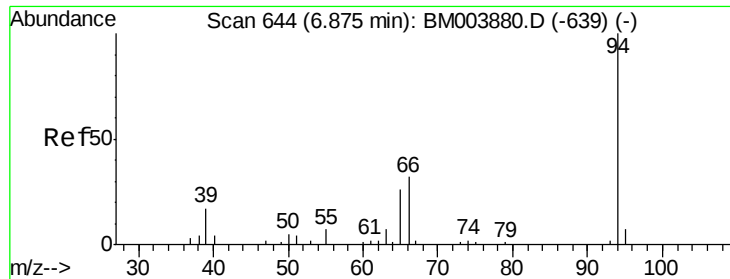
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 22:56:39 2015
Response via : Initial Calibration





#6

Phenol

Concen: 8.39 ng/ul

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

Instrument :

BNA_M

ClientSampleId :

E43M8MSD

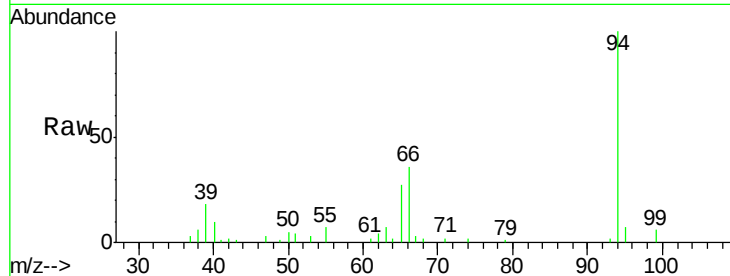
Tgt Ion: 94 Resp: 40495

Ion Ratio Lower Upper

94 100

65 26.5 21.0 31.6

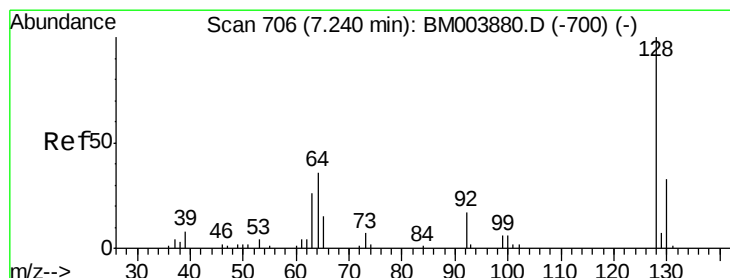
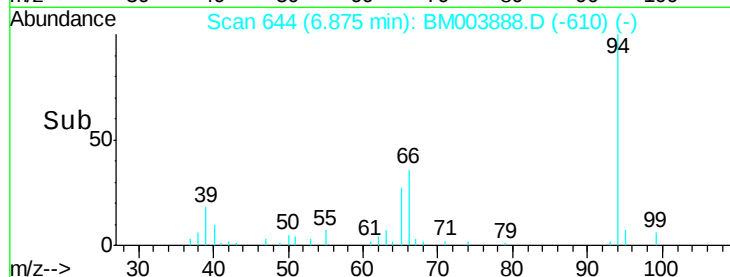
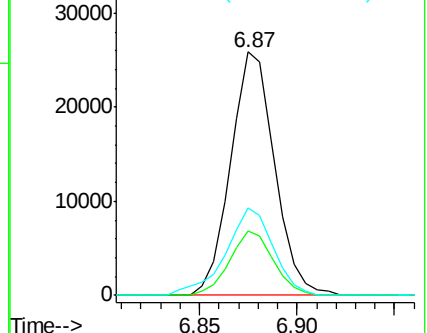
66 35.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM003888.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM003888.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM003888.D (-639) (-)



#10

2-Chlorophenol

Concen: 23.27 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

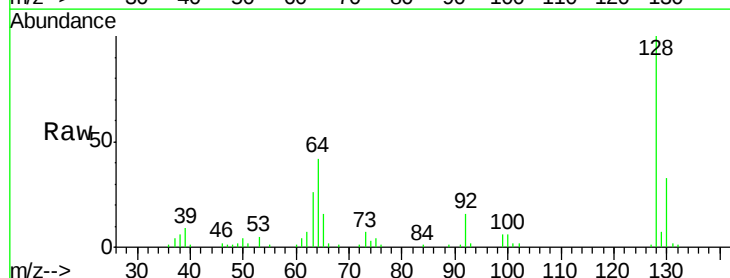
Tgt Ion: 128 Resp: 91477

Ion Ratio Lower Upper

128 100

64 41.7 31.9 47.9

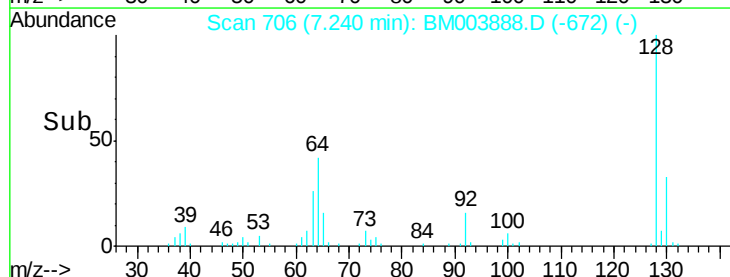
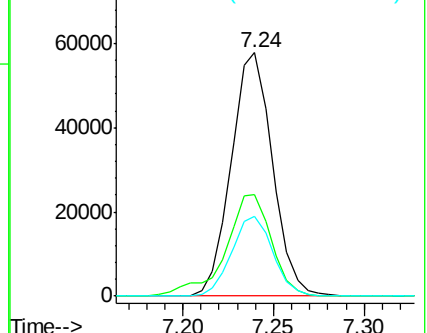
130 32.6 25.6 38.4

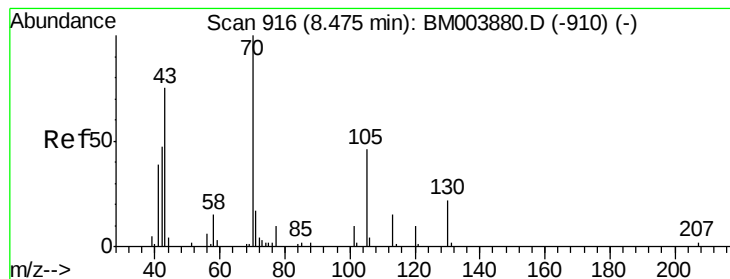


Abundance Ion 128.00 (127.70 to 128.70): BM003888.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM003888.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM003888.D (-700) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.85 ng/ul

RT: 8.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

Instrument :

BNA_M

ClientSampleId :

E43M8MSD

Tgt Ion: 70 Resp: 86531

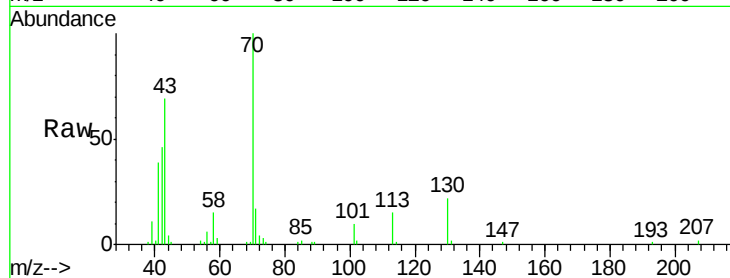
Ion Ratio Lower Upper

70 100

42 46.4 35.4 53.0

101 9.8 8.4 12.6

130 22.0 18.2 27.4

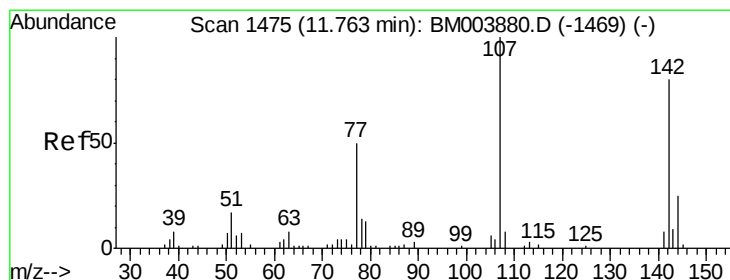
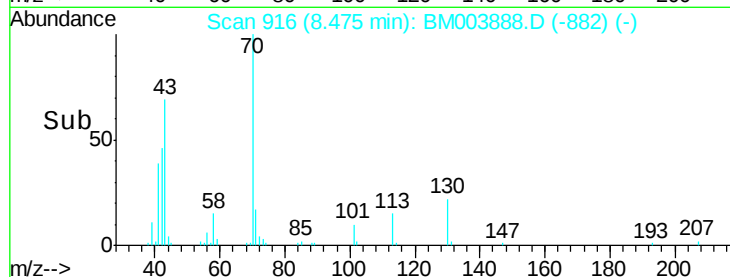
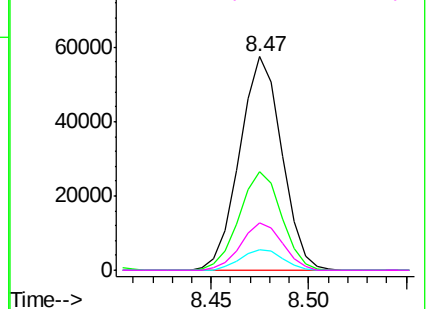


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 27.18 ng/ul

RT: 11.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

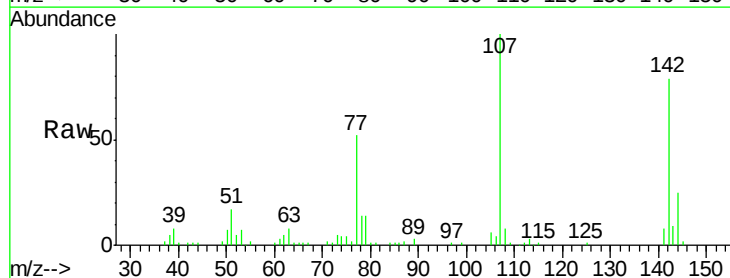
Tgt Ion: 107 Resp: 114617

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

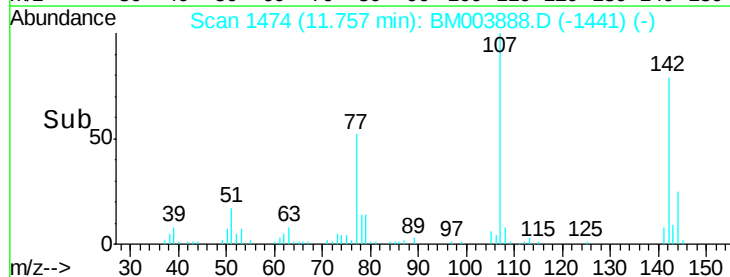
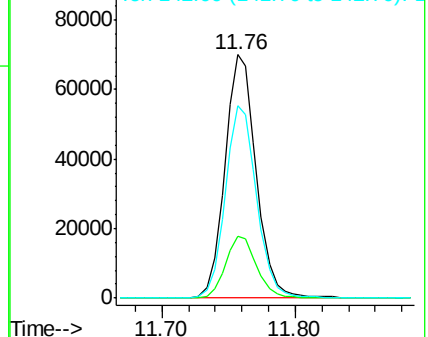
142 79.2 62.5 93.7

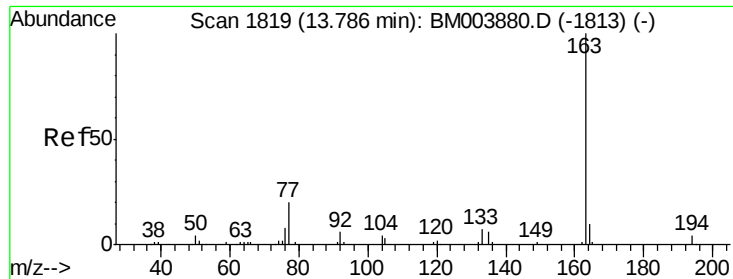


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 3.12 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

Instrument :

BNA_M

ClientSampleId :

E43M8MSD

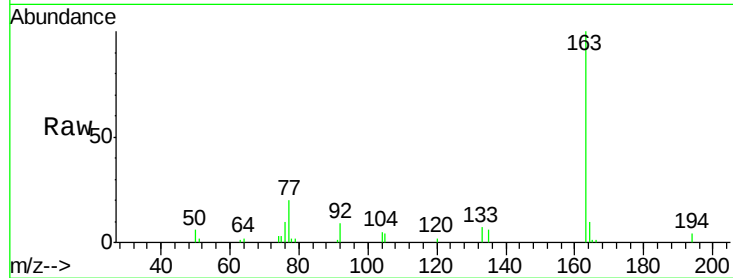
Tgt Ion:163 Resp: 35240

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

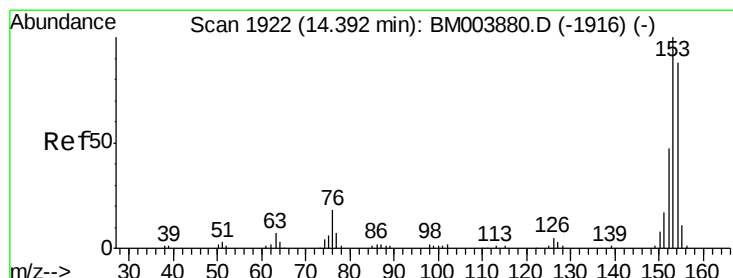
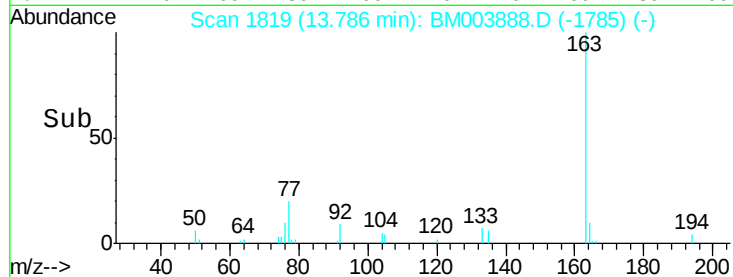
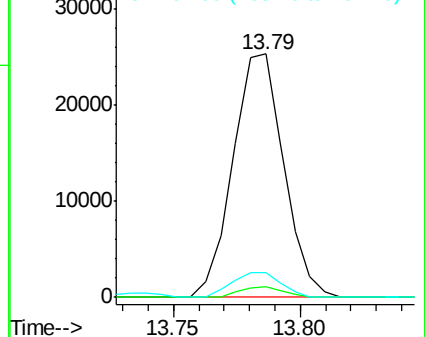
164 10.0 7.8 11.8



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: 28.61 ng/ul

RT: 14.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

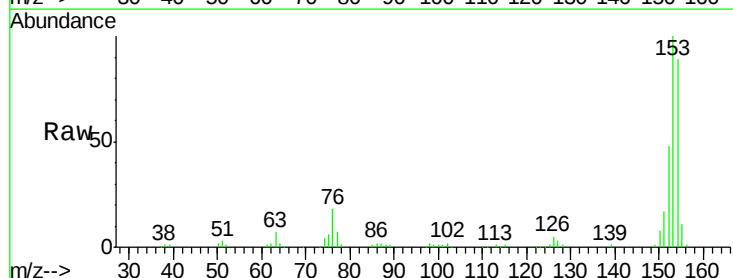
Tgt Ion:153 Resp: 280070

Ion Ratio Lower Upper

153 100

152 47.8 38.3 57.5

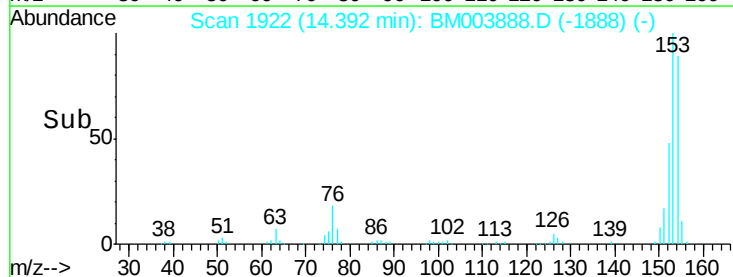
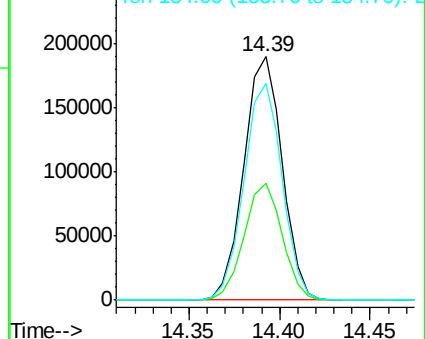
154 89.2 71.8 107.8

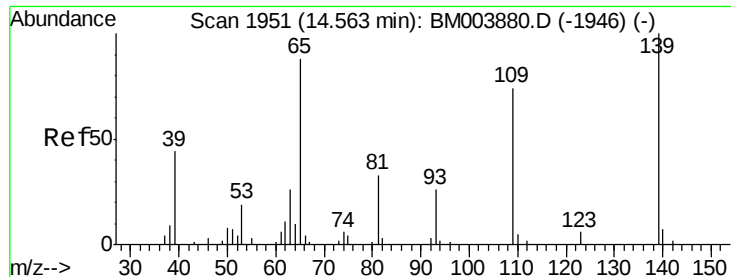


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 7.47 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

Instrument :

BNA_M

ClientSampleId :

E43M8MSD

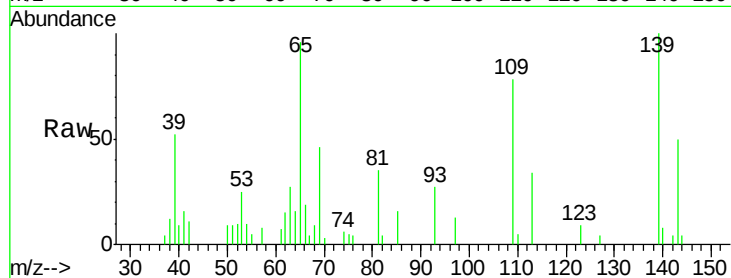
Tgt Ion:109 Resp: 11763

Ion Ratio Lower Upper

109 100

139 128.2 103.7 155.5

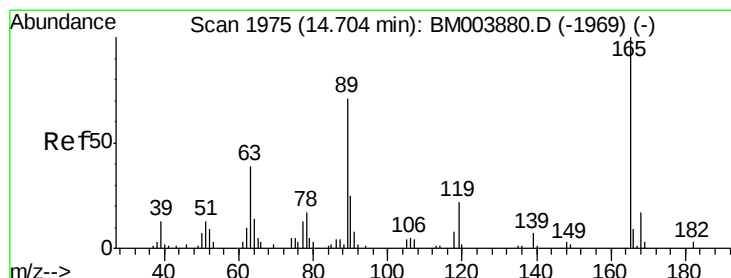
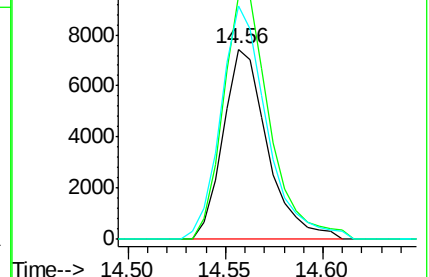
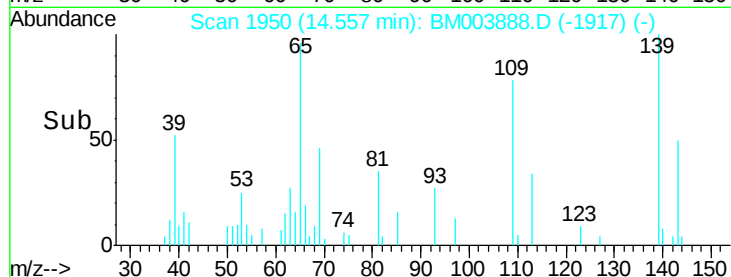
65 123.1 89.4 134.2



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: 29.63 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

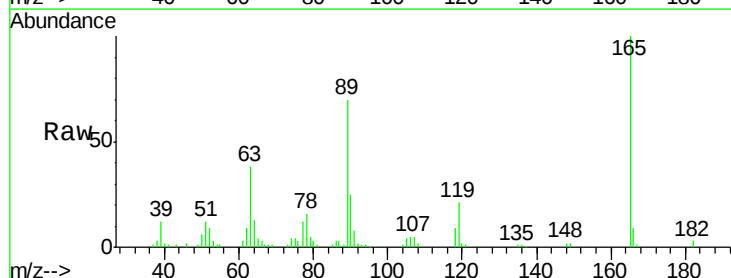
Tgt Ion:165 Resp: 95904

Ion Ratio Lower Upper

165 100

63 38.5 29.8 44.6

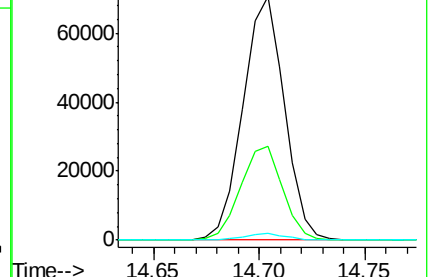
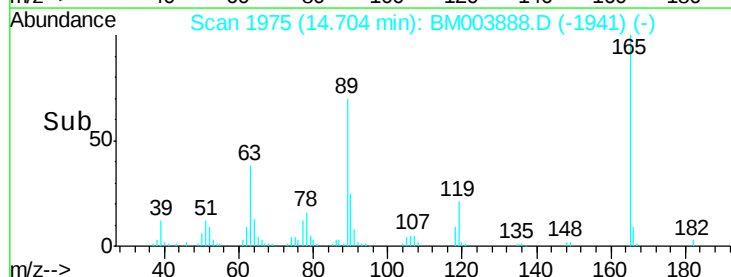
182 2.9 2.2 3.4

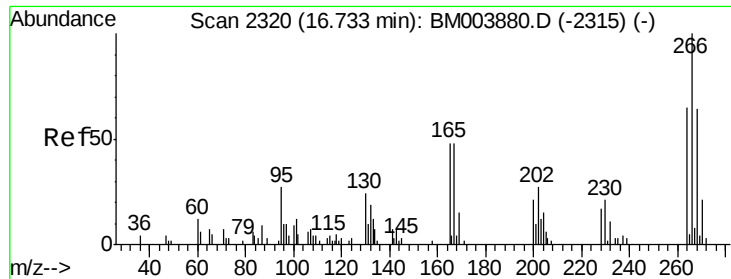


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 31.25 ng/ul

RT: 16.73 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

Instrument :

BNA_M

ClientSampleId :

E43M8MSD

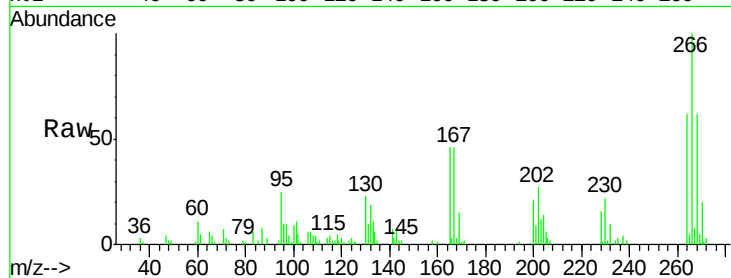
Tgt Ion:266 Resp: 48788

Ion Ratio Lower Upper

266 100

264 61.8 50.5 75.7

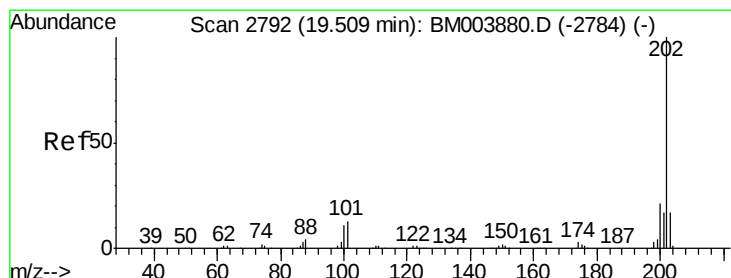
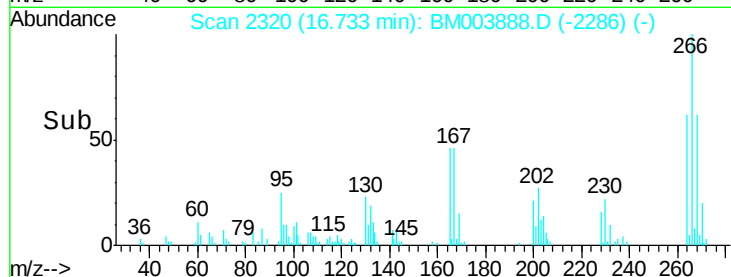
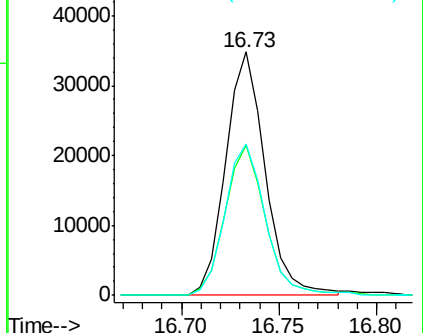
268 62.2 50.9 76.3



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: 30.58 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM003888.D

Acq: 30 Dec 2015 20:05

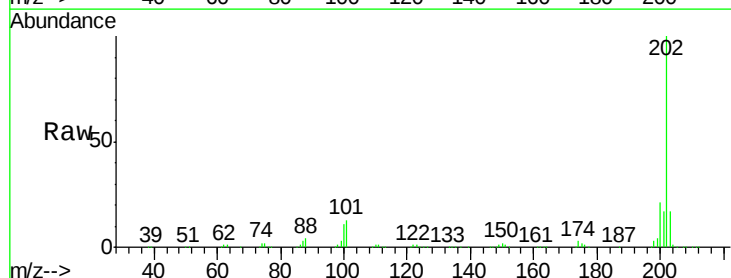
Tgt Ion:202 Resp: 522317

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

100 10.7 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

