

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
 Data File : BM003107.D
 Acq On : 12 Nov 2015 05:37
 Operator : UM/IZ
 Sample : G4322-20MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0MS

Quant Time: Nov 13 11:31:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	141328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	676283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	406606	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	893098	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	771775	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	699096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6511	2.17	ng/uL	0.00
5) Phenol-d5	6.91	99	137828	12.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	79959	12.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	119531	12.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	108715	12.07	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	60326	14.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	63705	15.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	119922	12.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	106348	8.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	421036	13.76	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	462224	11.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	64588	12.53	ng/ul	0.00
58) Fluorene-d10	15.39	176	330718	12.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	49522	11.97	ng/ul	0.00
71) Anthracene-d10	17.24	188	478978	12.10	ng/ul	0.00
79) Pyrene-d10	19.53	212	452663	11.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	336529	10.13	ng/ul	0.00

Target Compounds

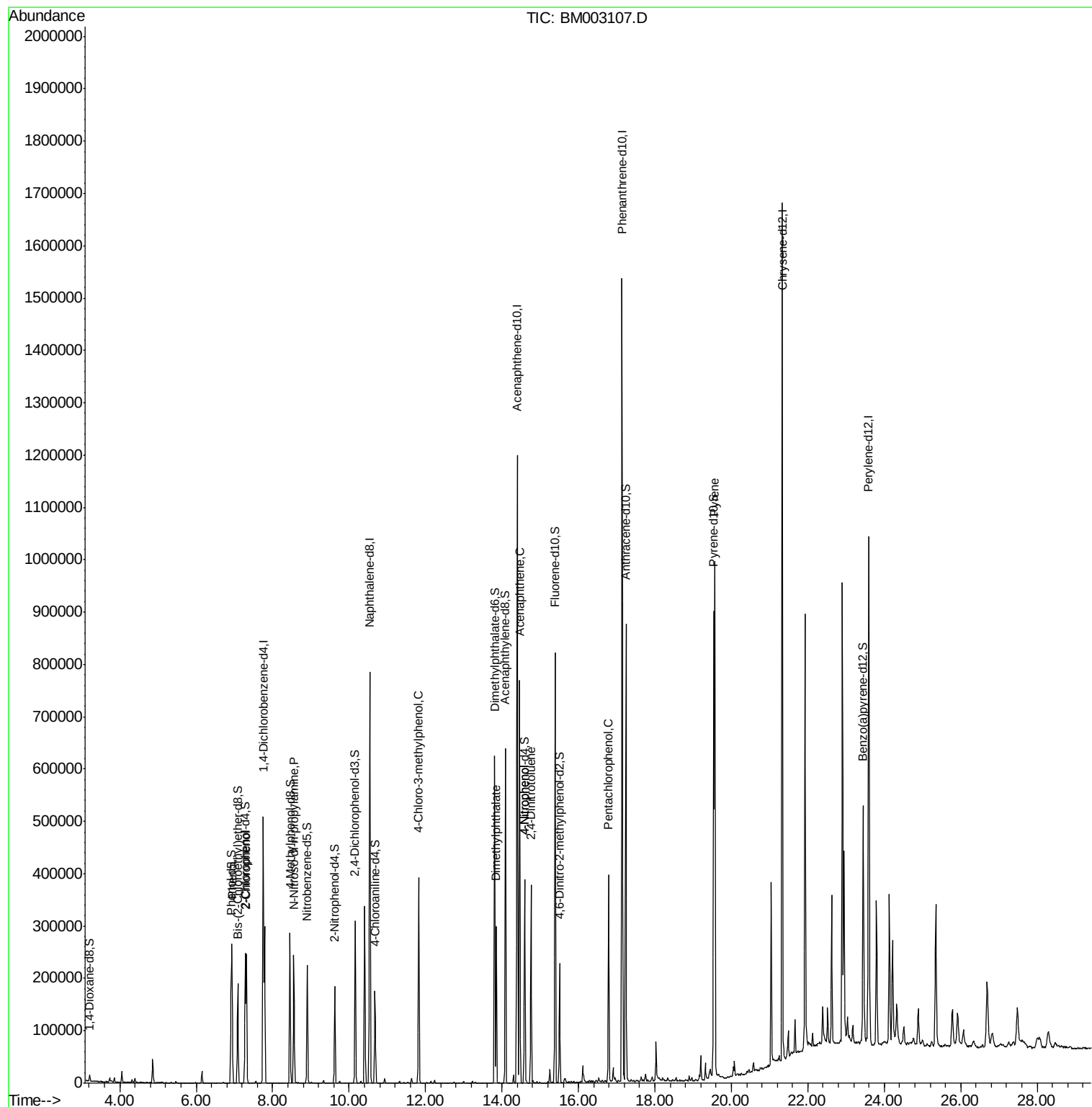
						Qvalue
6) Phenol	6.94	94	150884	13.12	ng/ul	92
10) 2-Chlorophenol	7.32	128	121028	12.38	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	93939	13.87	ng/ul	93
33) 4-Chloro-3-methylphenol	11.82	107	139064	13.68	ng/ul	95
45) Dimethylphthalate	13.85	163	195566	6.27	ng/ul	100
50) Acenaphthene	14.46	153	318888	11.44	ng/ul	99
53) 4-Nitrophenol	14.60	109	52751	13.46	ng/ul#	72
55) 2,4-Dinitrotoluene	14.76	165	109967	15.34	ng/ul	93
69) Pentachlorophenol	16.79	266	69356	11.74	ng/ul	97
80) Pyrene	19.57	202	594435	11.77	ng/ul#	91

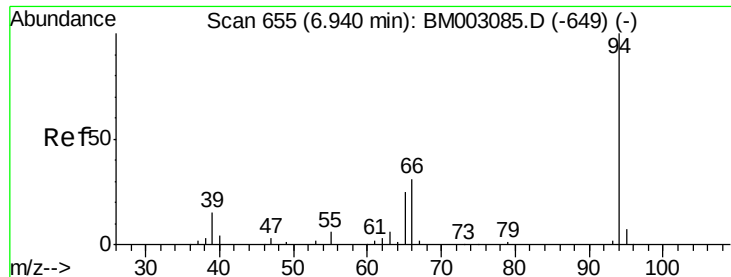
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 13.12 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

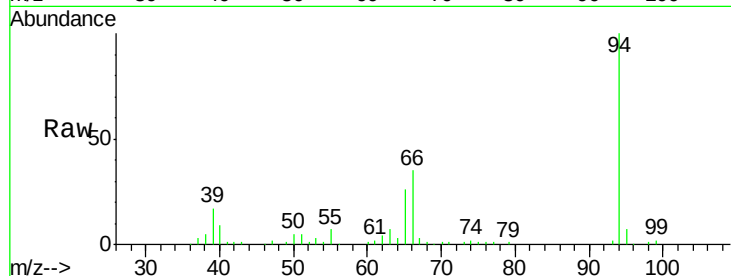
Tgt Ion: 94 Resp: 150884

Ion Ratio Lower Upper

94 100

65 26.3 18.7 28.1

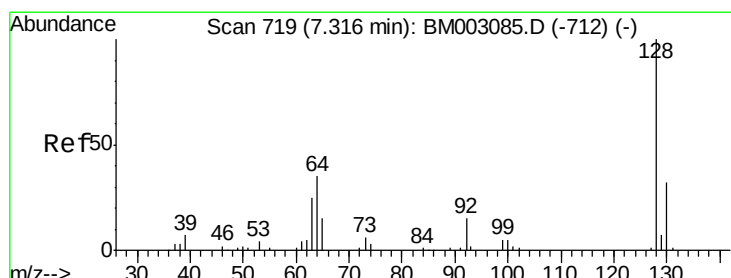
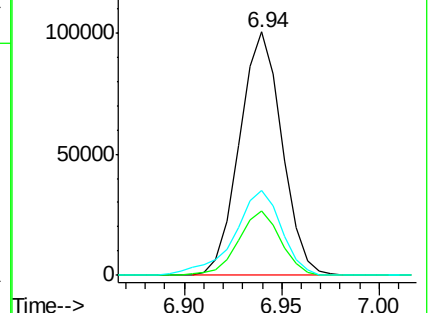
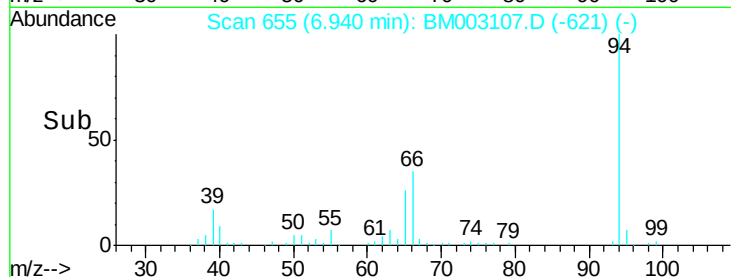
66 35.0 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003107.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BM003107.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BM003107.D (-621) (-)



#10

2-Chlorophenol

Concen: 12.38 ng/ul

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

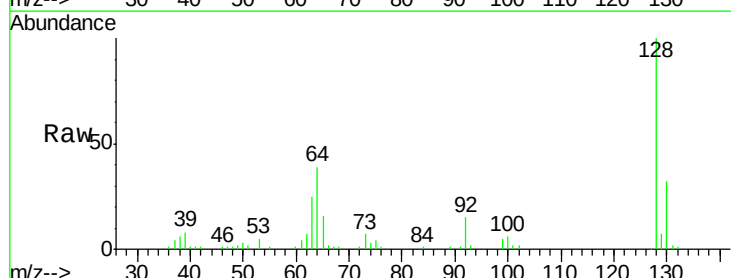
Tgt Ion: 128 Resp: 121028

Ion Ratio Lower Upper

128 100

64 39.4 32.2 48.4

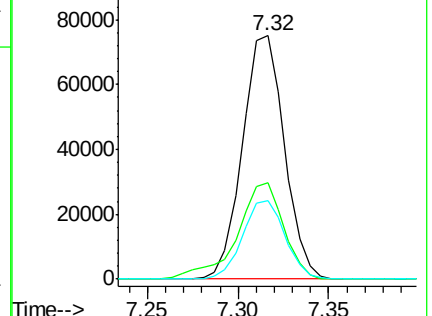
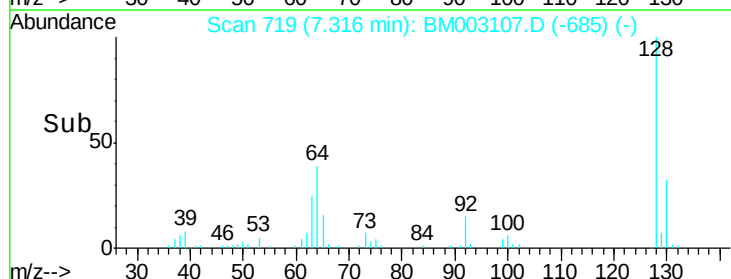
130 32.4 26.7 40.1

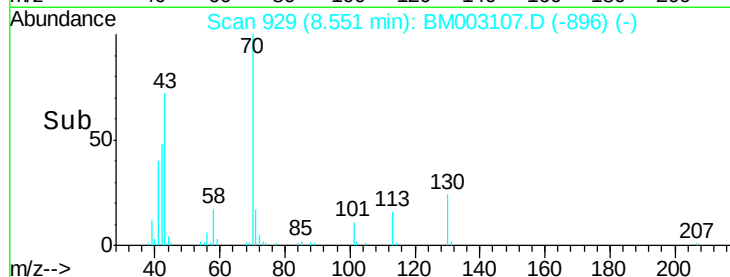
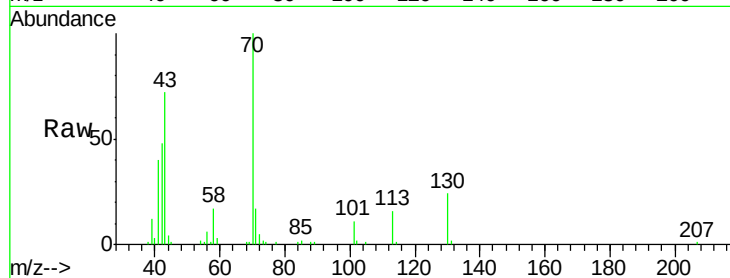
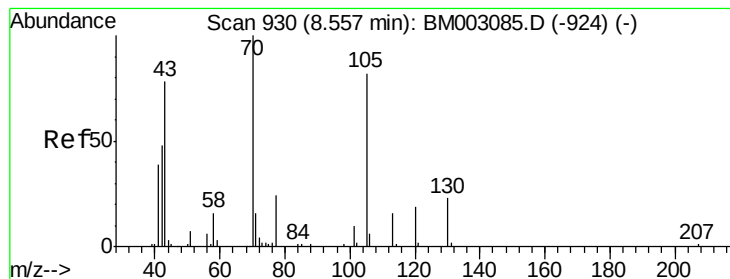


Abundance Ion 128.00 (127.70 to 128.70): BM003107.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM003107.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM003107.D (-685) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 13.87 ng/ul

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

Tgt Ion: 70 Resp: 93939

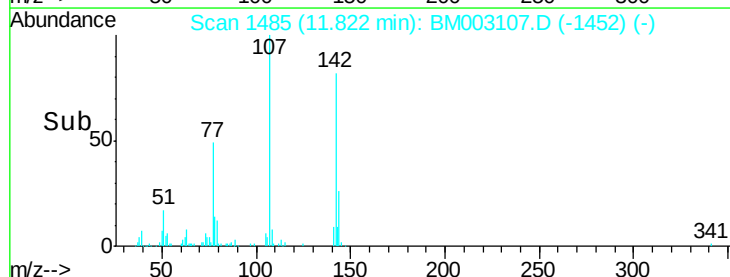
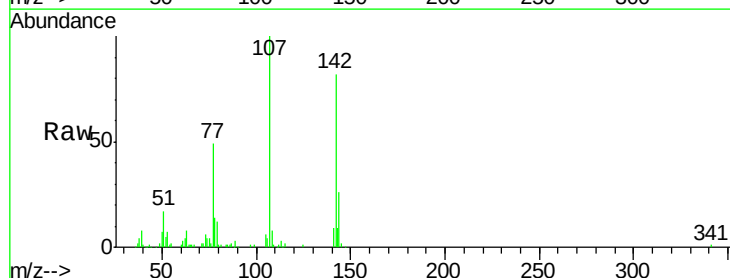
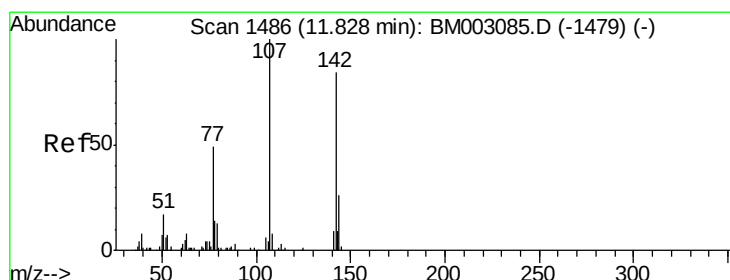
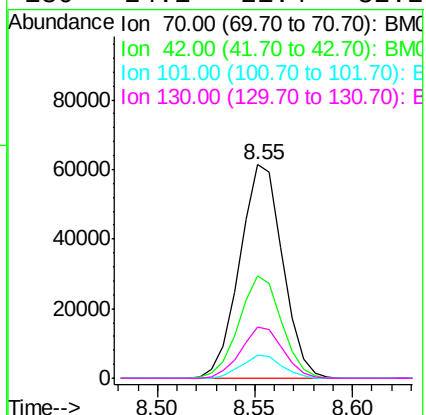
Ion Ratio Lower Upper

70 100

42 47.7 43.5 65.3

101 10.8 9.0 13.4

130 24.1 21.4 32.2



#33

4-Chloro-3-methylphenol

Concen: 13.68 ng/ul

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

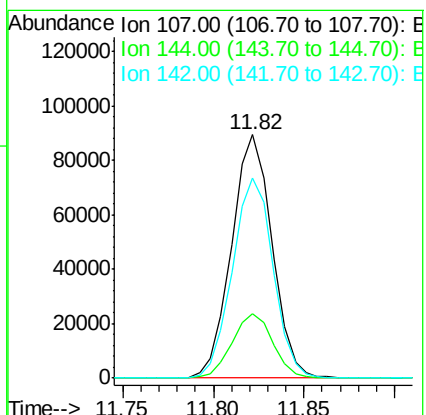
Tgt Ion: 107 Resp: 139064

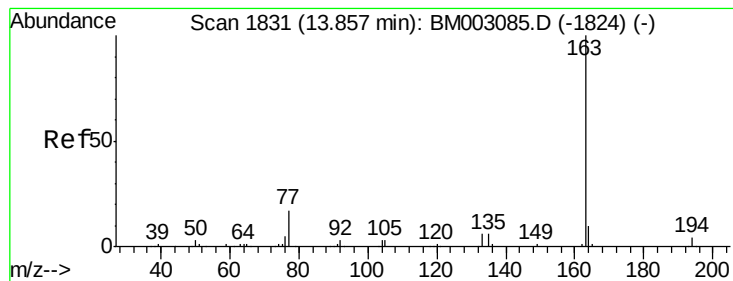
Ion Ratio Lower Upper

107 100

144 26.4 22.8 34.2

142 82.3 69.5 104.3





#45

Dimethylphthalate

Concen: 6.27 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

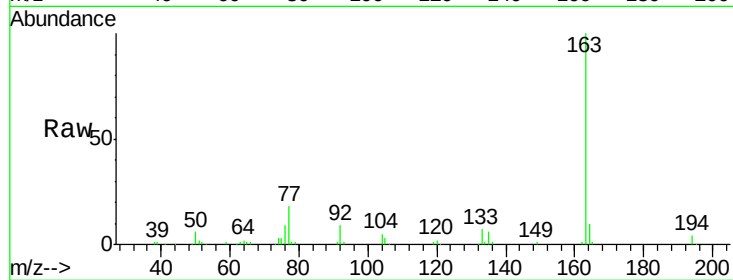
Tgt Ion:163 Resp: 195566

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

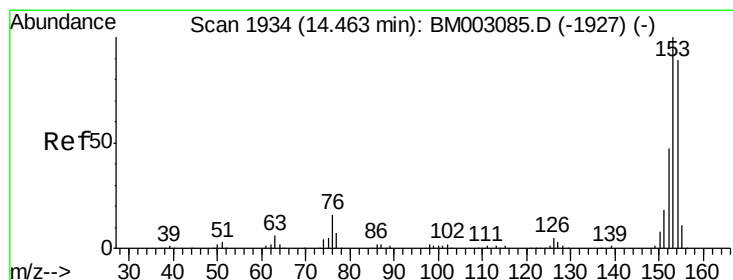
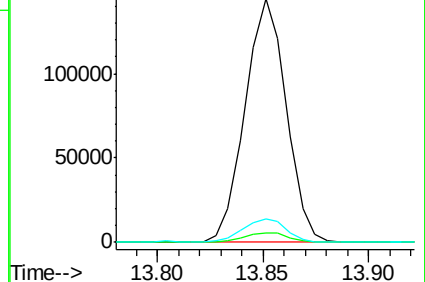
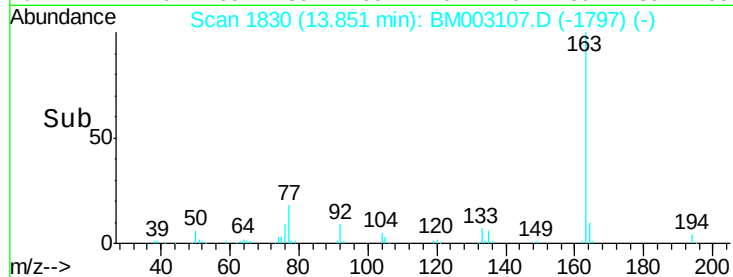
164 9.9 7.8 11.8



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: 11.44 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

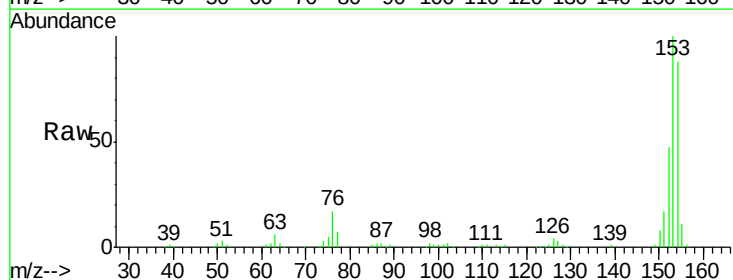
Tgt Ion:153 Resp: 318888

Ion Ratio Lower Upper

153 100

152 47.3 37.0 55.6

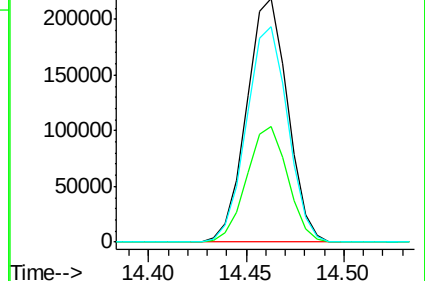
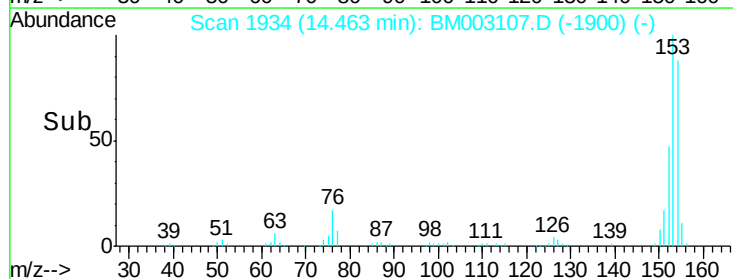
154 88.4 71.0 106.4

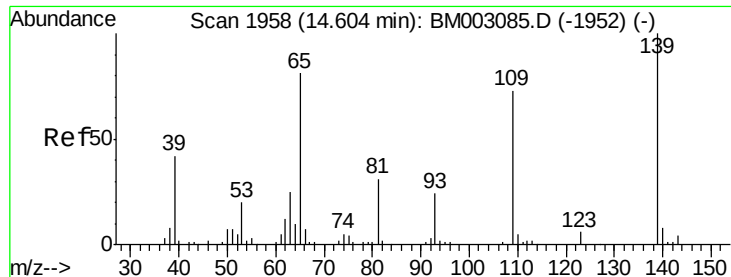


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 13.46 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

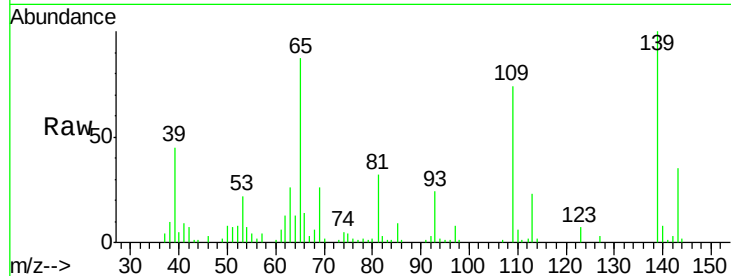
Tgt Ion:109 Resp: 52751

Ion Ratio Lower Upper

109 100

139 135.3 150.3 225.5#

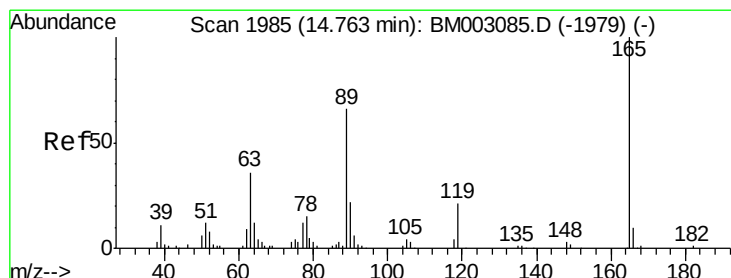
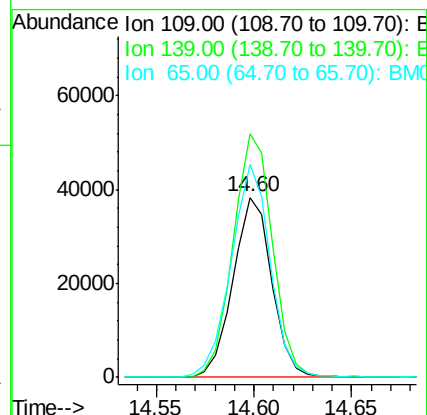
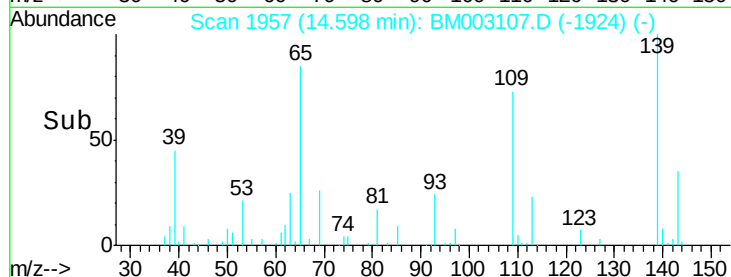
65 118.0 110.4 165.6



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: 15.34 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

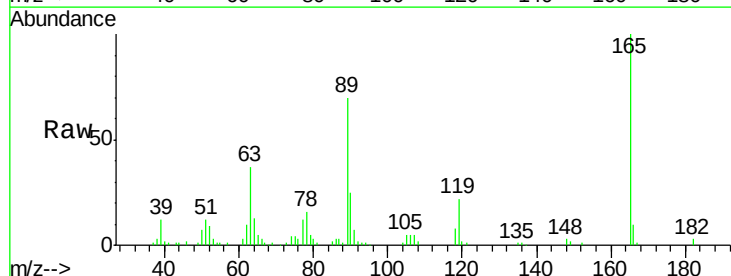
Tgt Ion:165 Resp: 109967

Ion Ratio Lower Upper

165 100

63 37.2 26.2 39.2

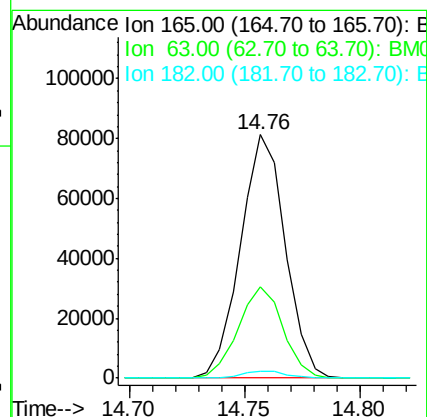
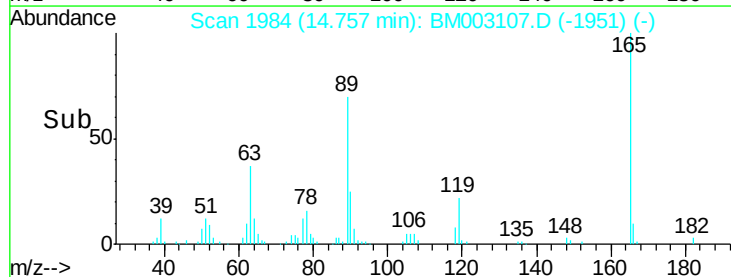
182 2.7 2.2 3.4

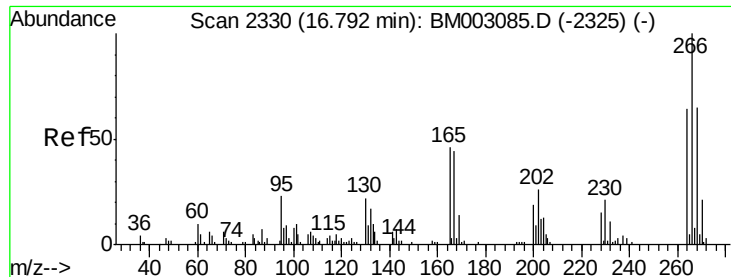


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 11.74 ng/ul

RT: 16.79 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

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ClientSampleId :

A4HTOMS

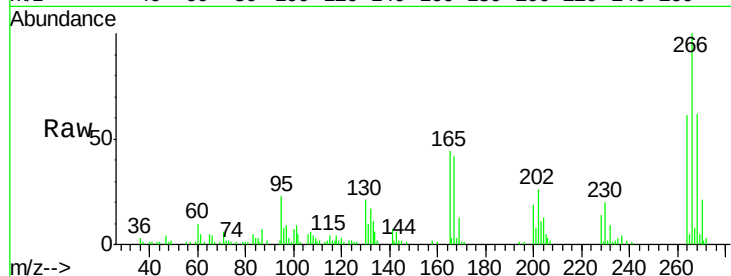
Tgt Ion:266 Resp: 69356

Ion Ratio Lower Upper

266 100

264 60.7 52.0 78.0

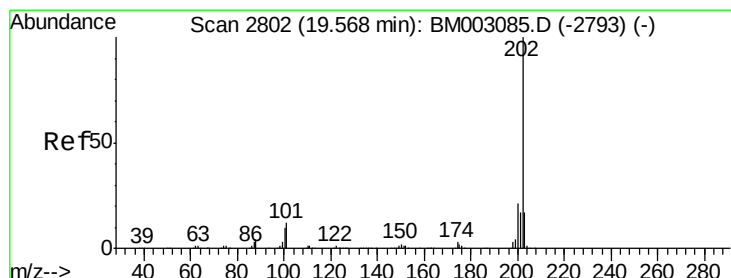
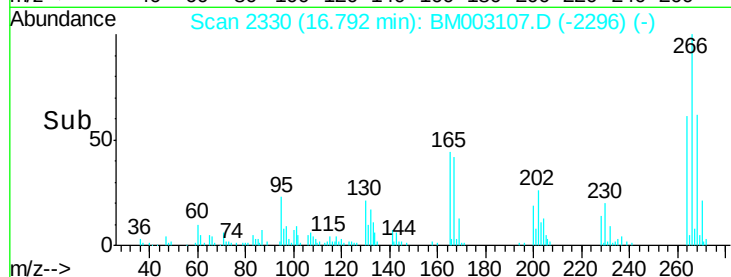
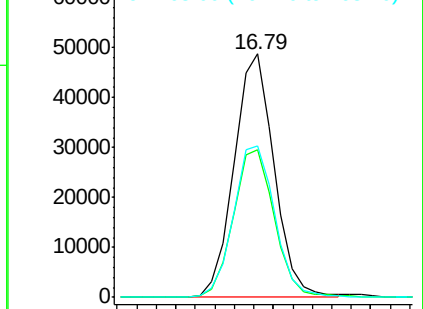
268 62.0 49.7 74.5



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: 11.77 ng/ul

RT: 19.57 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

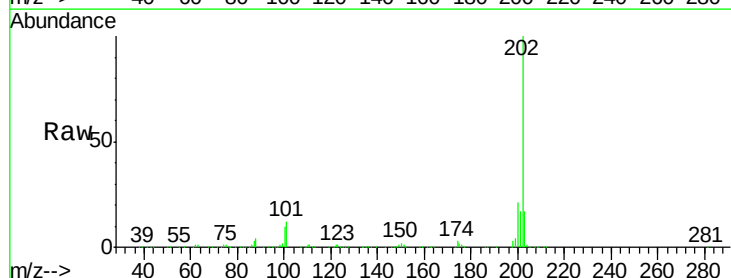
Tgt Ion:202 Resp: 594435

Ion Ratio Lower Upper

202 100

101 12.3 12.6 18.8#

100 9.5 10.6 15.8#



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

