

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
 Data File : BM003108.D
 Acq On : 12 Nov 2015 06:13
 Operator : UM/IZ
 Sample : G4322-21MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0MSD

Quant Time: Nov 13 11:32:10 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	146196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	699818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	424435	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	922868	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	824151	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	717948	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6495	2.09	ng/uL	0.00
5) Phenol-d5	6.91	99	142374	12.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	82574	12.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	123113	12.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	113005	12.13	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	63141	14.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	67234	15.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	124413	12.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	109907	8.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	439443	13.76	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	481066	11.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	67828	12.60	ng/ul	0.00
58) Fluorene-d10	15.39	176	341509	12.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	52159	12.20	ng/ul	0.00
71) Anthracene-d10	17.24	188	501209	12.25	ng/ul	0.00
79) Pyrene-d10	19.53	212	481784	11.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	345702	10.13	ng/ul	0.00

Target Compounds

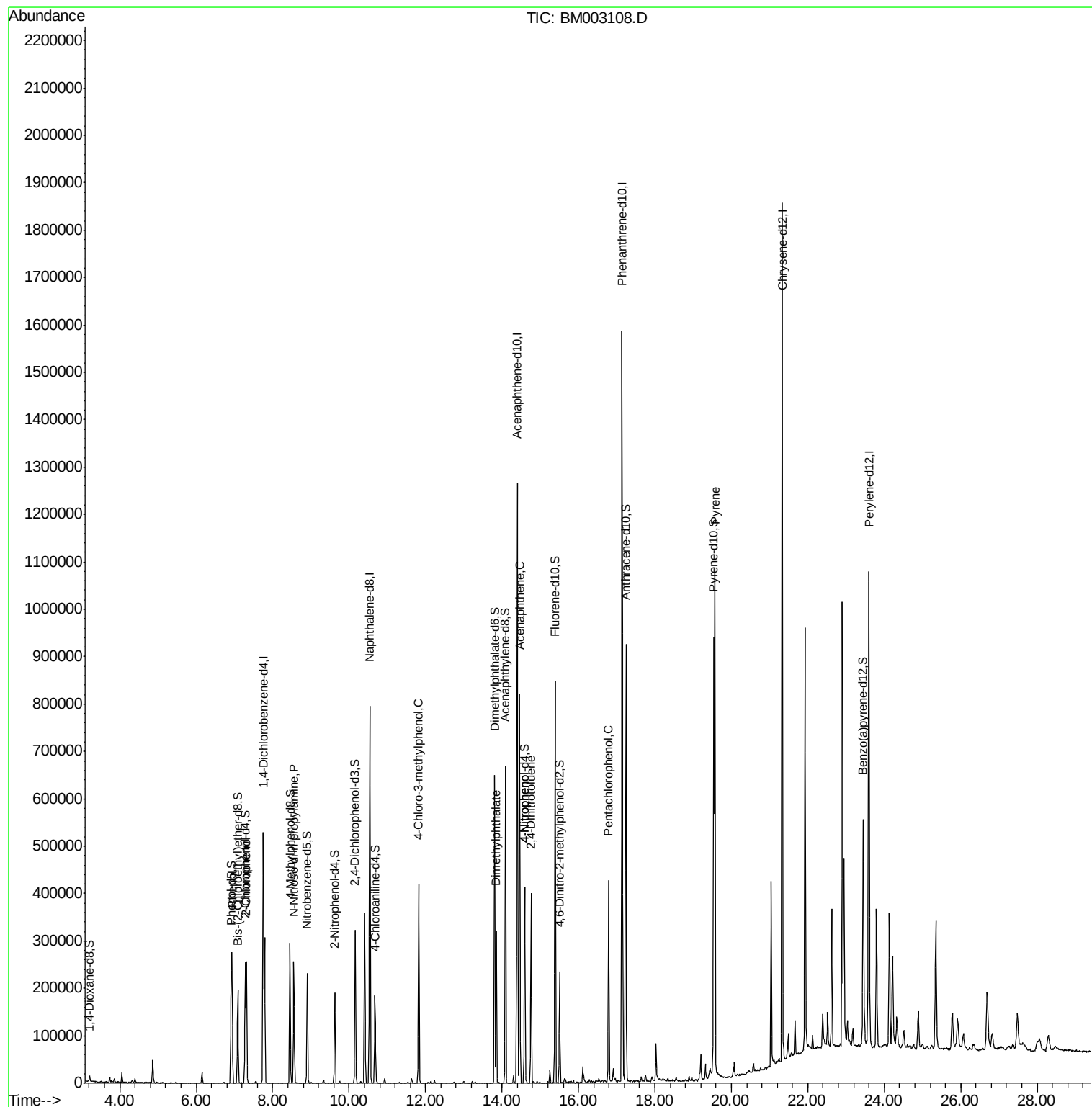
						Qvalue
6) Phenol	6.94	94	154863	13.02	ng/ul	93
10) 2-Chlorophenol	7.32	128	126512	12.51	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	98821	14.10	ng/ul	90
33) 4-Chloro-3-methylphenol	11.82	107	144269	13.72	ng/ul	94
45) Dimethylphthalate	13.85	163	204130	6.27	ng/ul	100
50) Acenaphthene	14.46	153	330610	11.36	ng/ul	99
53) 4-Nitrophenol	14.60	109	55522	13.57	ng/ul#	70
55) 2,4-Dinitrotoluene	14.76	165	114052	15.24	ng/ul	91
69) Pentachlorophenol	16.79	266	72682	11.90	ng/ul	97
80) Pyrene	19.57	202	637195	11.82	ng/ul#	92

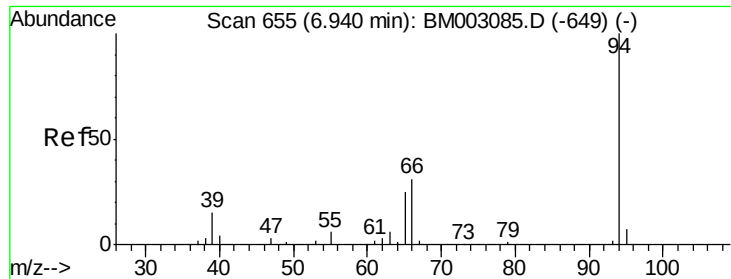
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 13.02 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

Instrument :

BNA_M

ClientSampled :

A4HT0MSD

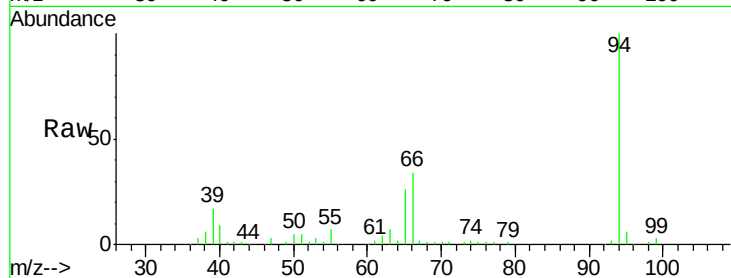
Tgt Ion: 94 Resp: 154863

Ion Ratio Lower Upper

94 100

65 26.0 18.7 28.1

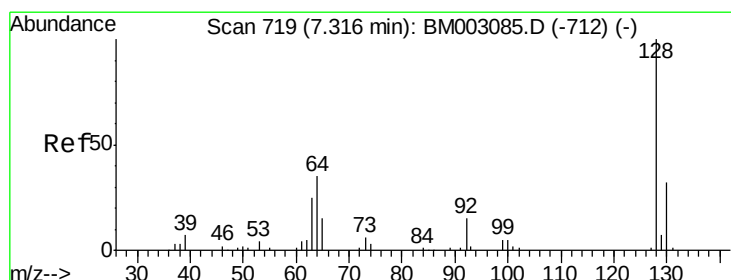
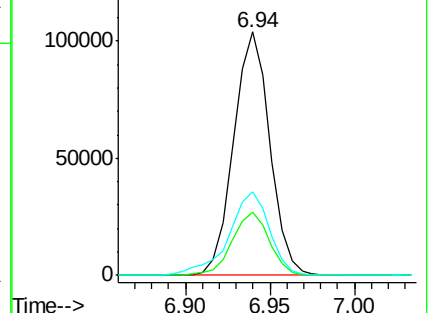
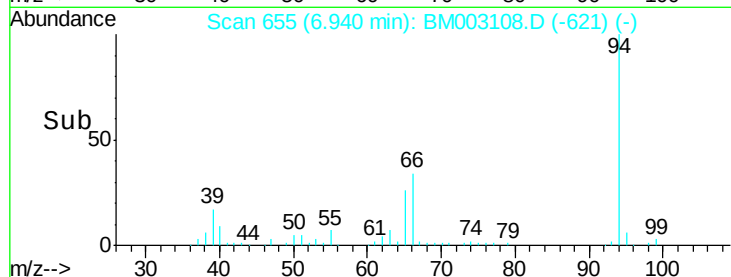
66 34.3 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003108.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BM003108.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BM003108.D (-621) (-)



#10

2-Chlorophenol

Concen: 12.51 ng/ul

RT: 7.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

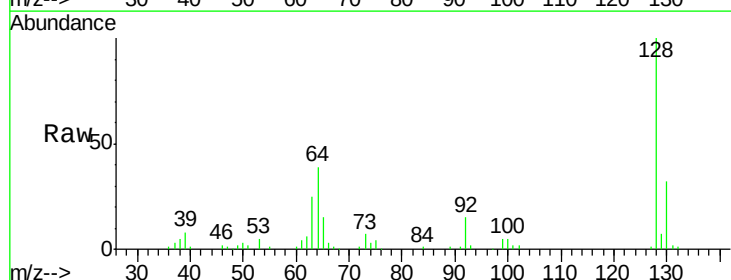
Tgt Ion: 128 Resp: 126512

Ion Ratio Lower Upper

128 100

64 38.6 32.2 48.4

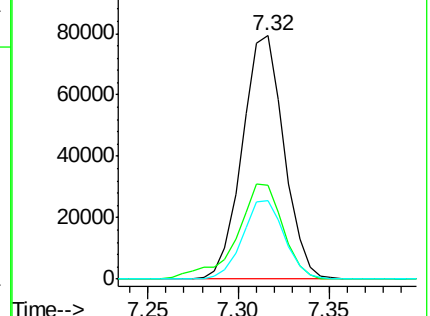
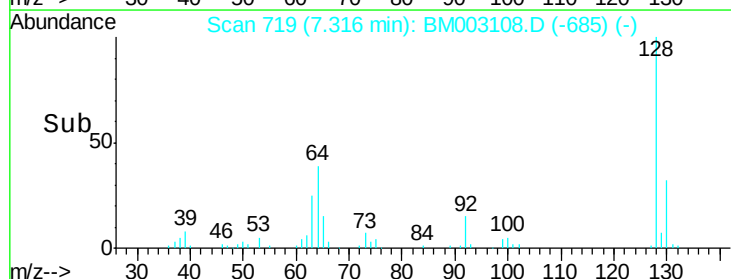
130 32.0 26.7 40.1

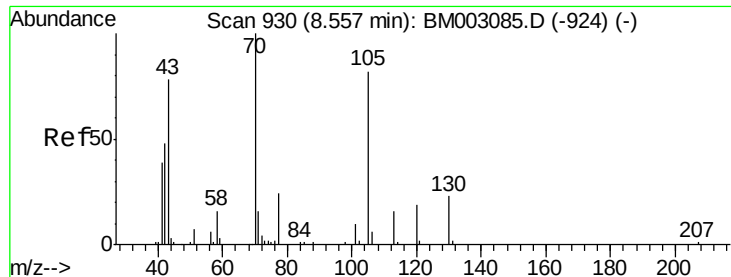


Abundance Ion 128.00 (127.70 to 128.70): BM003108.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM003108.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM003108.D (-685) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 14.10 ng/ul

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

Instrument :

BNA_M

ClientSampleId :

A4HT0MSD

Tgt Ion: 70 Resp: 98821

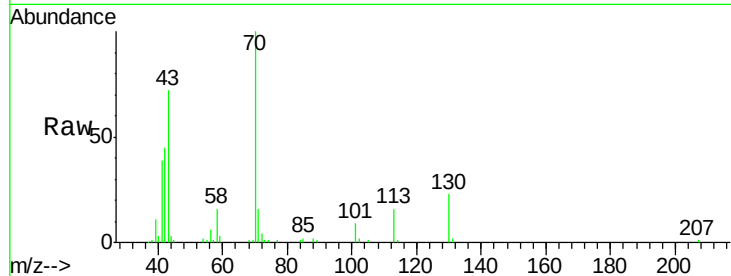
Ion Ratio Lower Upper

70 100

42 45.5 43.5 65.3

101 9.3 9.0 13.4

130 23.1 21.4 32.2

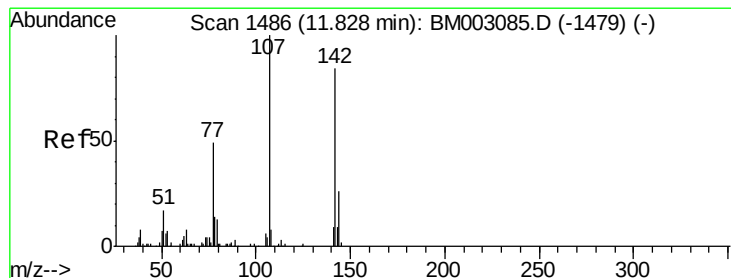
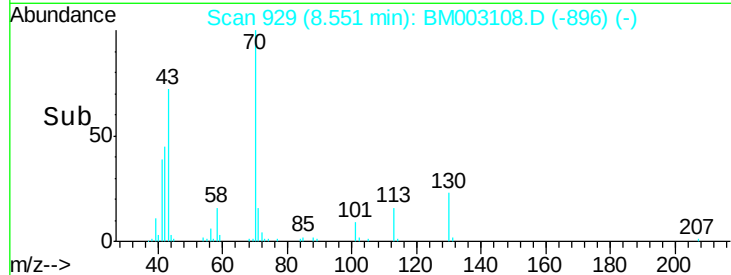
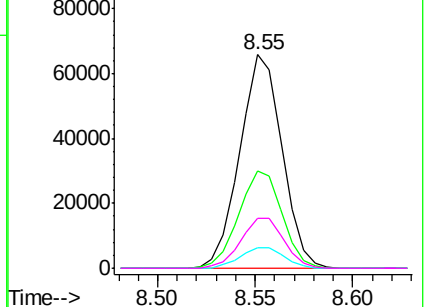


Abundance Ion 70.00 (69.70 to 70.70): BM003108.D (-896) (-)

Ion 42.00 (41.70 to 42.70): BM003108.D (-896) (-)

Ion 101.00 (100.70 to 101.70): BM003108.D (-896) (-)

Ion 130.00 (129.70 to 130.70): BM003108.D (-896) (-)



#33

4-Chloro-3-methylphenol

Concen: 13.72 ng/ul

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

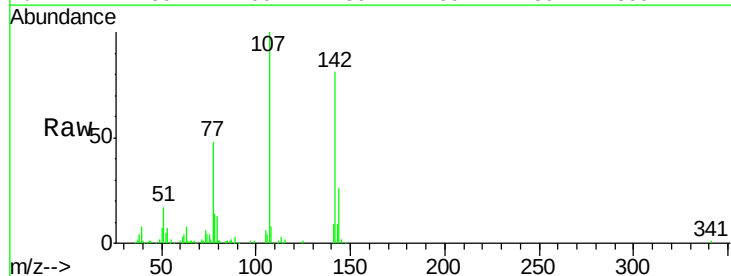
Tgt Ion: 107 Resp: 144269

Ion Ratio Lower Upper

107 100

144 26.0 22.8 34.2

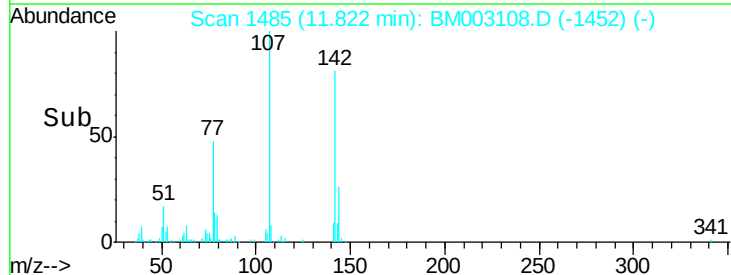
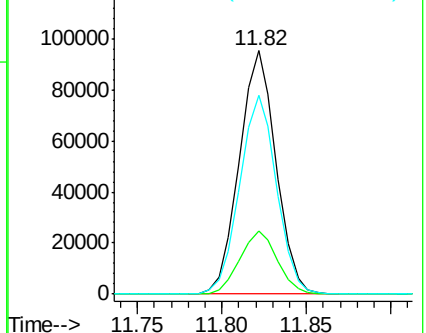
142 81.4 69.5 104.3

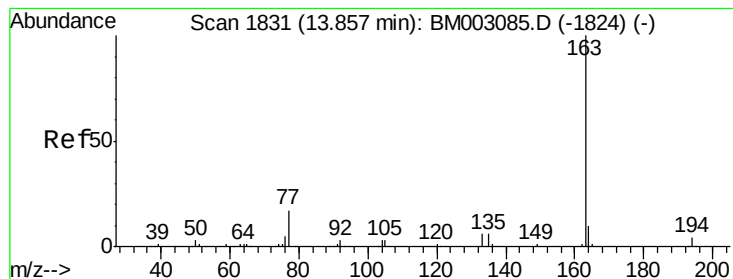


Abundance Ion 107.00 (106.70 to 107.70): BM003108.D (-1452) (-)

Ion 144.00 (143.70 to 144.70): BM003108.D (-1452) (-)

Ion 142.00 (141.70 to 142.70): BM003108.D (-1452) (-)





#45

Dimethylphthalate

Concen: 6.27 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

Instrument :

BNA_M

ClientSampleId :

A4HT0MSD

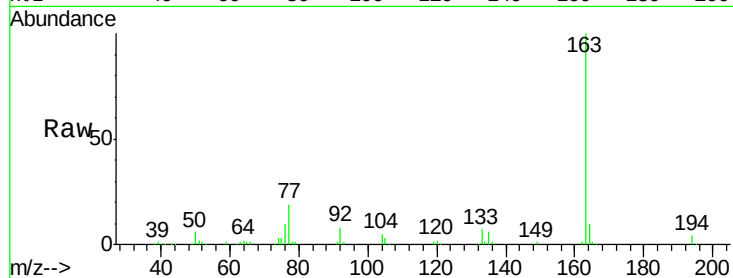
Tgt Ion:163 Resp: 204130

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

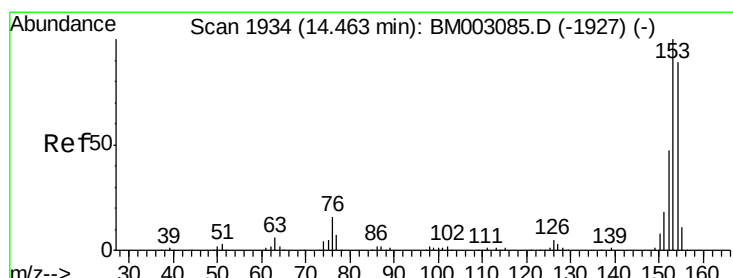
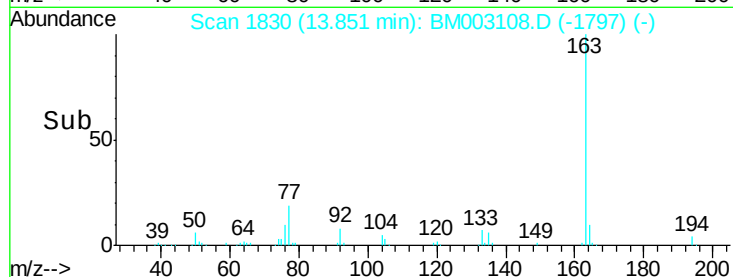
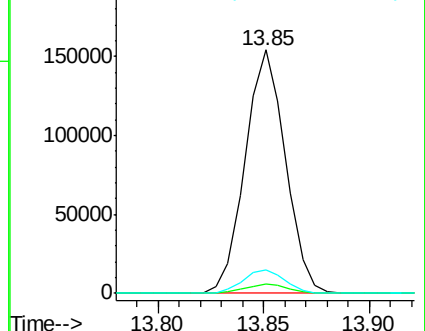
164 9.9 7.8 11.8



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: 11.36 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

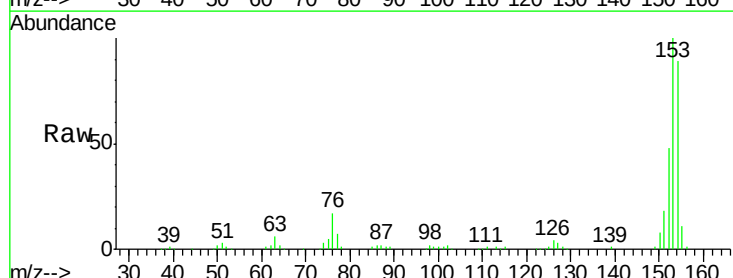
Tgt Ion:153 Resp: 330610

Ion Ratio Lower Upper

153 100

152 47.6 37.0 55.6

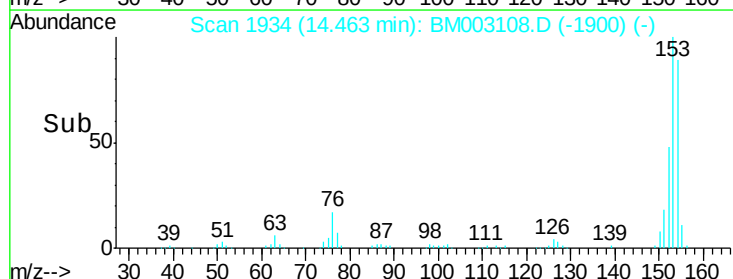
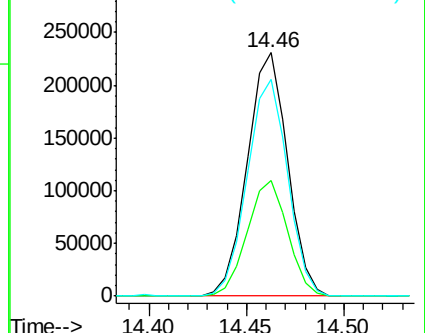
154 89.1 71.0 106.4

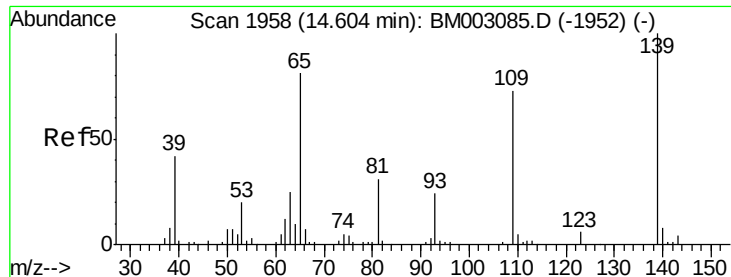


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 13.57 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

Instrument :

BNA_M

ClientSampleId :

A4HT0MSD

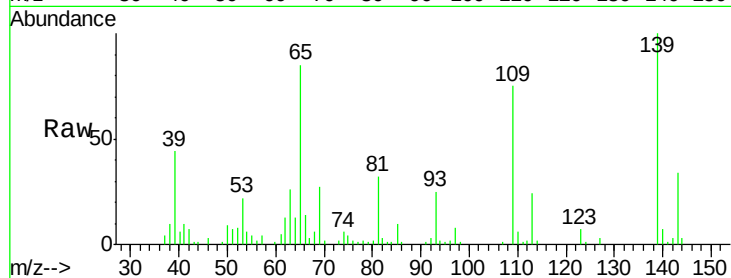
Tgt Ion:109 Resp: 55522

Ion Ratio Lower Upper

109 100

139 132.9 150.3 225.5#

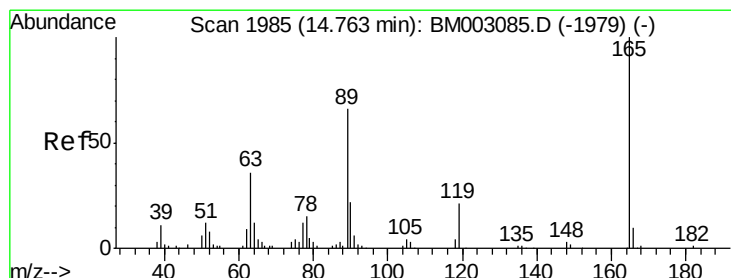
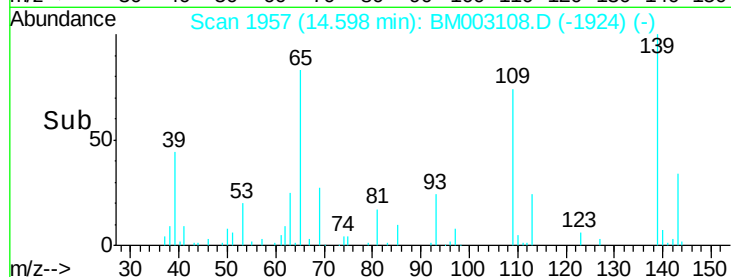
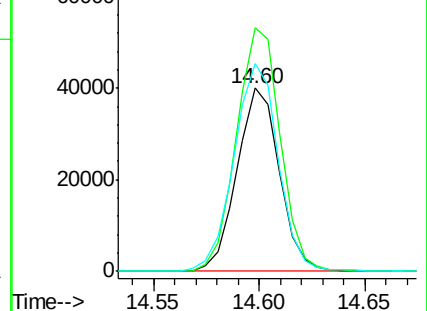
65 113.3 110.4 165.6



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: 15.24 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

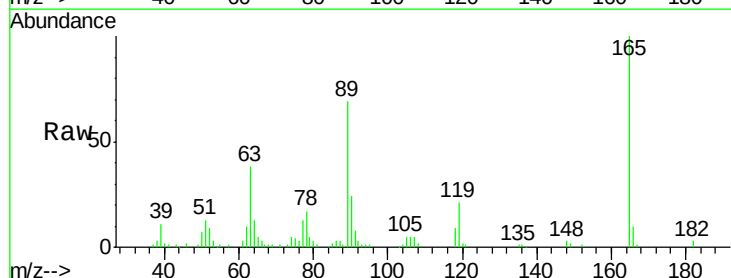
Tgt Ion:165 Resp: 114052

Ion Ratio Lower Upper

165 100

63 37.9 26.2 39.2

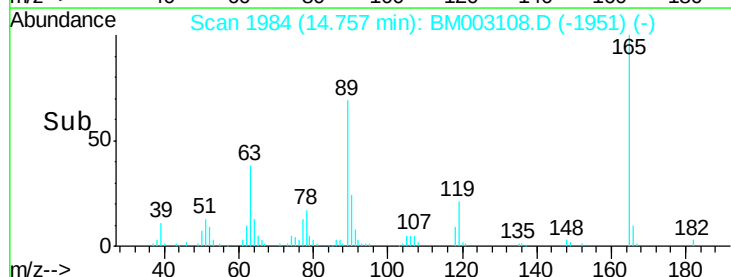
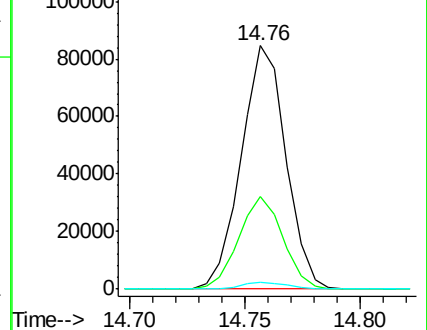
182 2.7 2.2 3.4

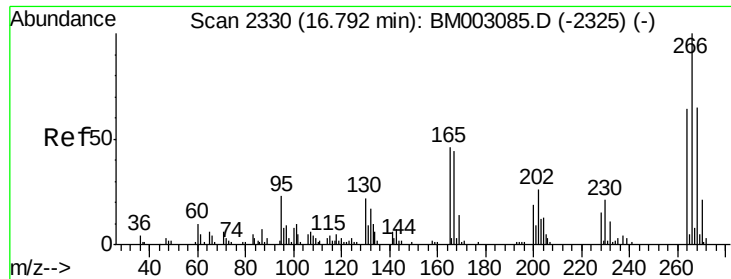


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 11.90 ng/ul

RT: 16.79 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

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BNA_M

ClientSampleId :

A4HT0MSD

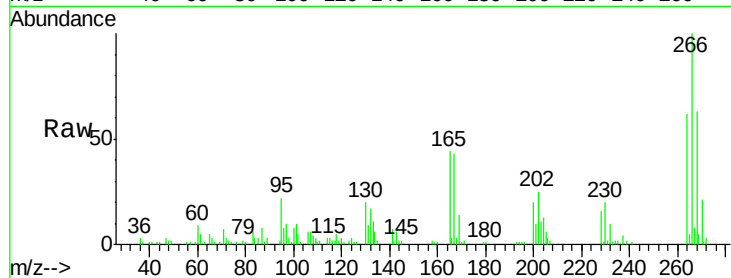
Tgt Ion:266 Resp: 72682

Ion Ratio Lower Upper

266 100

264 62.5 52.0 78.0

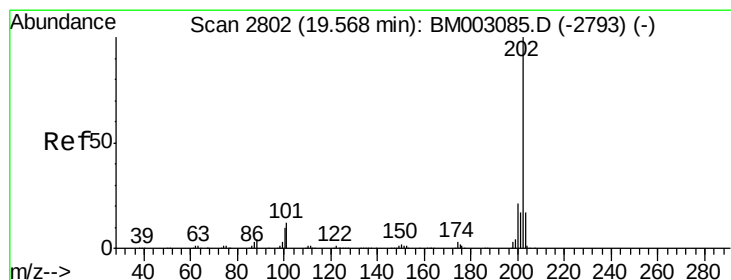
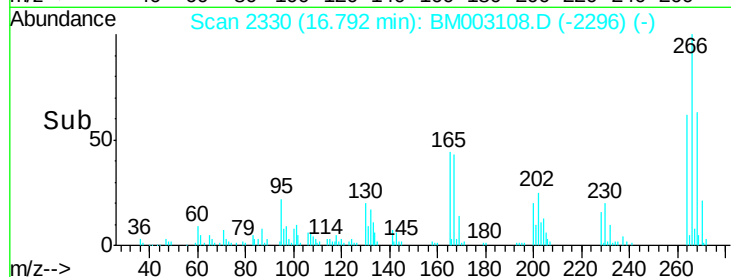
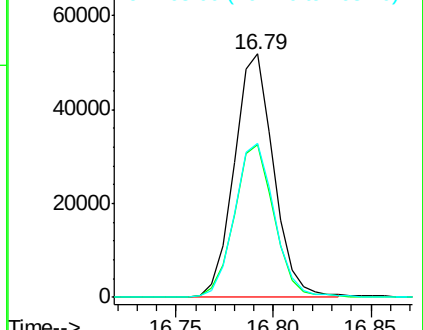
268 63.5 49.7 74.5



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: 11.82 ng/ul

RT: 19.57 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BM003108.D

Acq: 12 Nov 2015 06:13

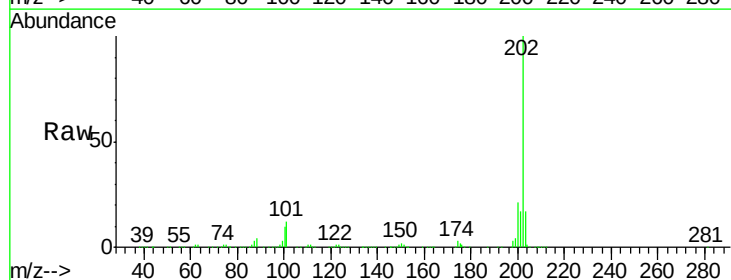
Tgt Ion:202 Resp: 637195

Ion Ratio Lower Upper

202 100

101 12.2 12.6 18.8#

100 10.0 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

