

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003146.D
 Acq On : 16 Nov 2015 17:12
 Operator : UM/IZ
 Sample : G4309-22MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 00:20:51 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 00:18:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	516523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	279779	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	603106	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	627171	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	630442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12756	5.03	ng/uL	0.00
5) Phenol-d5	6.91	99	283825	30.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	161738	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	245139	30.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	235158	30.84	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	116992	37.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	128360	40.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	222873	31.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	278745	30.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	689318	32.75	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	836928	31.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	120884	34.08	ng/ul	0.00
58) Fluorene-d10	15.39	176	590516	32.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	87102	31.18	ng/ul	0.00
71) Anthracene-d10	17.23	188	876602	32.79	ng/ul	0.00
79) Pyrene-d10	19.53	212	956234	30.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1020348	34.06	ng/ul	0.00

Target Compounds

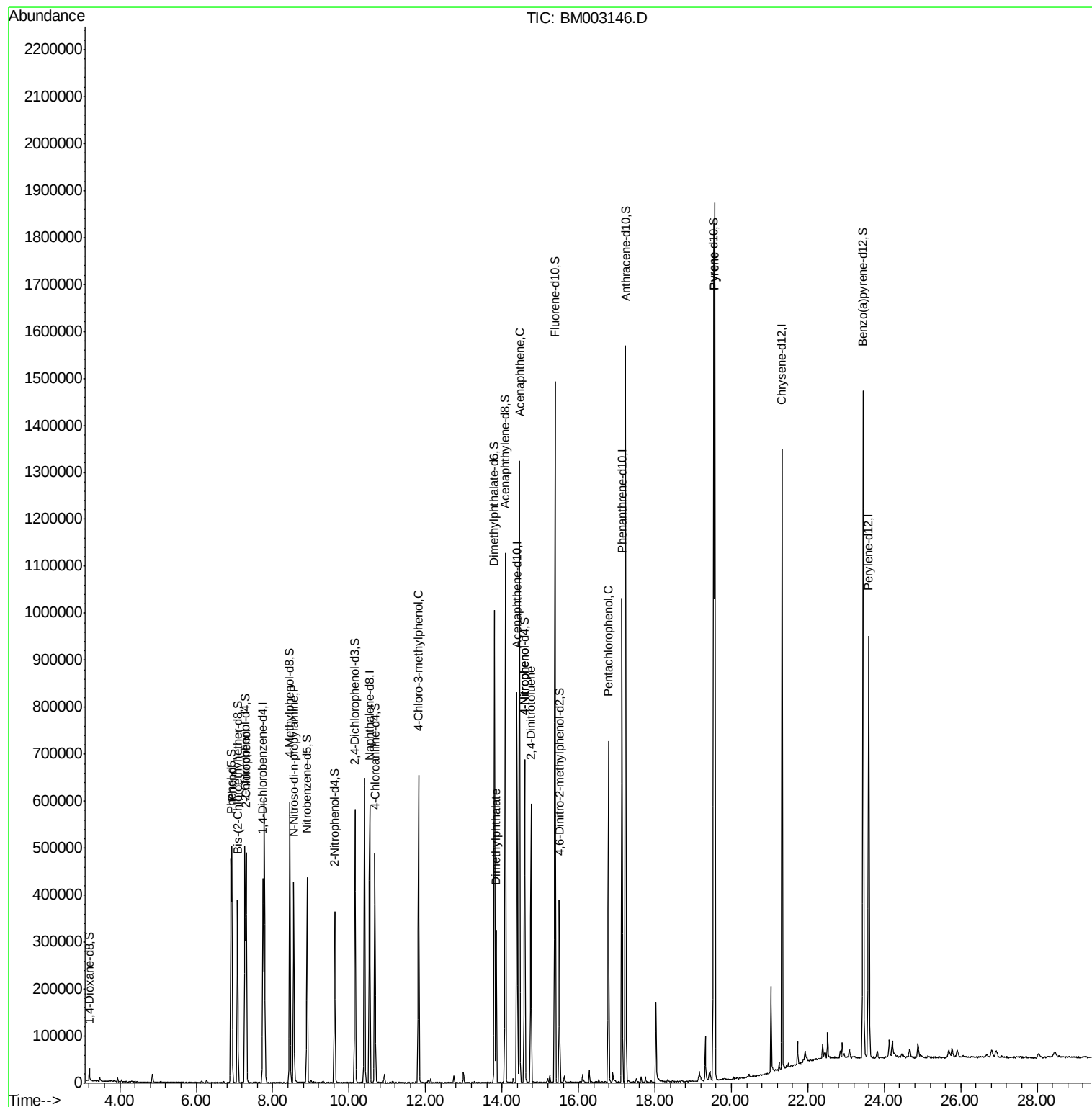
						Ovalue
6) Phenol	6.93	94	277551	28.51	ng/ul	94
10) 2-Chlorophenol	7.31	128	234271	28.30	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	161767	28.20	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	230427	29.69	ng/ul	95
45) Dimethylphthalate	13.84	163	205176	9.57	ng/ul	100
50) Acenaphthene	14.46	153	538285	28.06	ng/ul	99
53) 4-Nitrophenol	14.60	109	90863	33.69	ng/ul#	73
55) 2,4-Dinitrotoluene	14.76	165	174423	35.36	ng/ul	96
69) Pentachlorophenol	16.79	266	119975	30.07	ng/ul	98
80) Pyrene	19.56	202	1110589	27.07	ng/ul	94

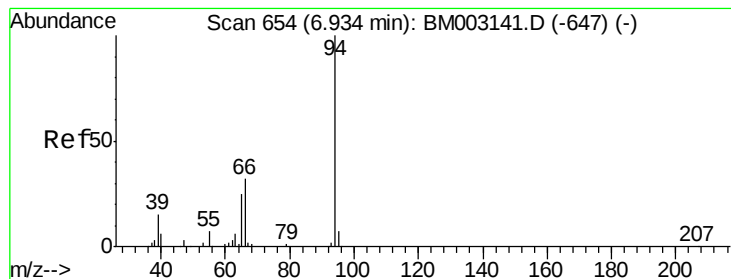
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 28.51 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

Instrument :

BNA_M

ClientSampleId :

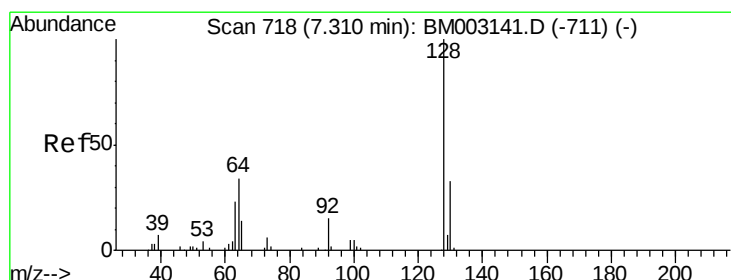
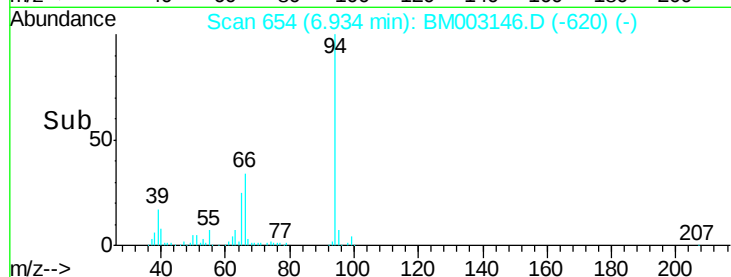
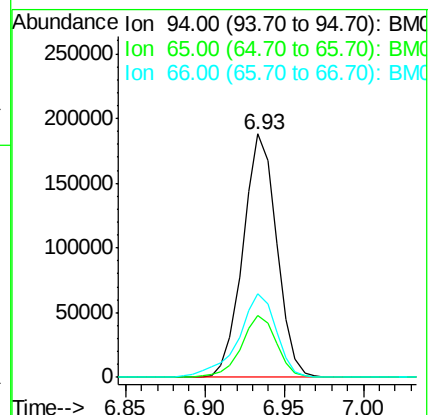
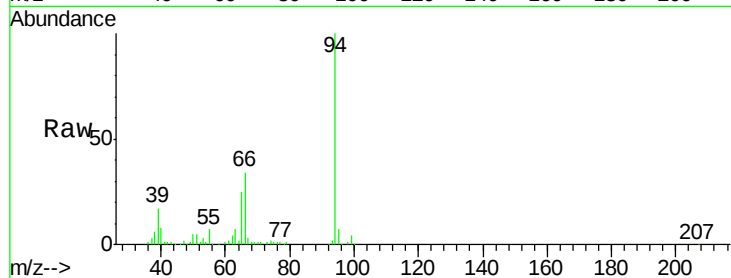
Tot Ion: 94 Resp: 277551

Ion Ratio Lower Upper

94 100

65 25.5 18.7 28.1

66 34.5 24.2 36.2



#10

2-Chlorophenol

Concen: 28.30 ng/ul

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

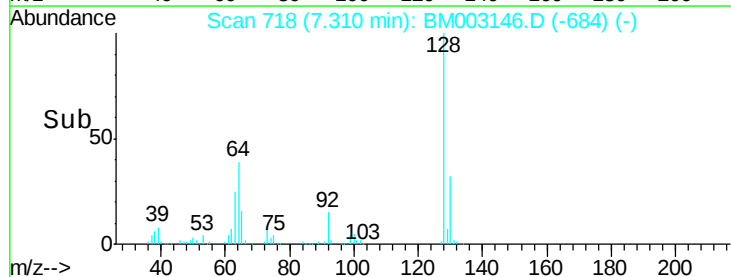
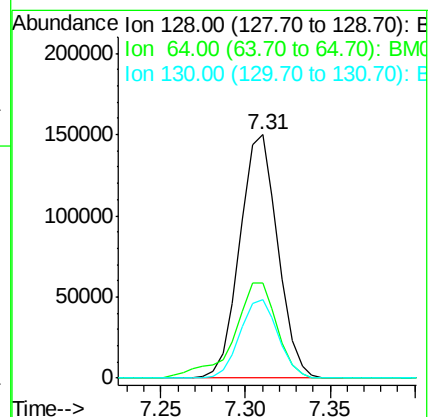
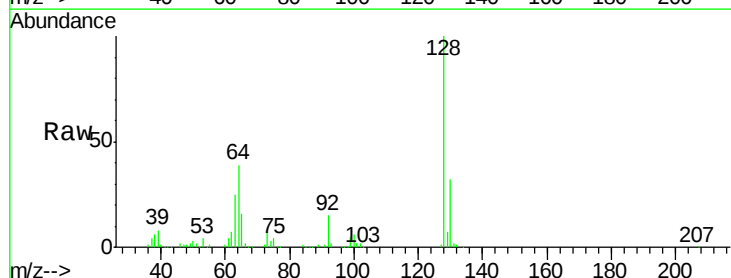
Tgt Ion: 128 Resp: 234271

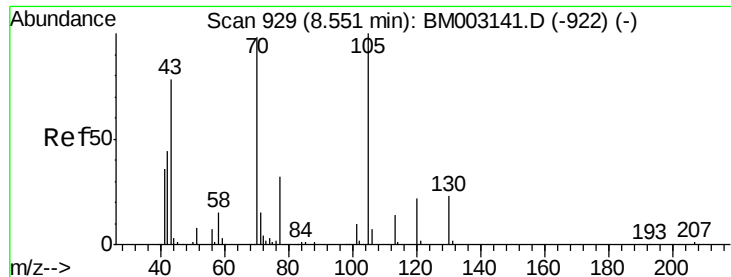
Ion Ratio Lower Upper

128 100

64 39.0 32.2 48.4

130 32.3 26.7 40.1





#15

N-Nitroso-di-n-propylamine

Concen: 28.20 ng/ul

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 161767

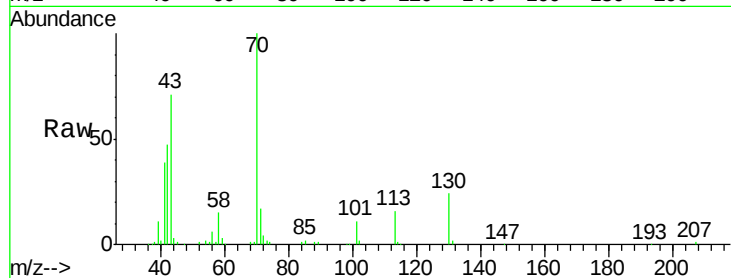
Ion	Ratio	Lower	Upper
70	100		
42	46.6	43.5	65.3
101	10.5	9.0	13.4
130	24.0	21.4	32.2

70 100

42 46.6 43.5 65.3

101 10.5 9.0 13.4

130 24.0 21.4 32.2

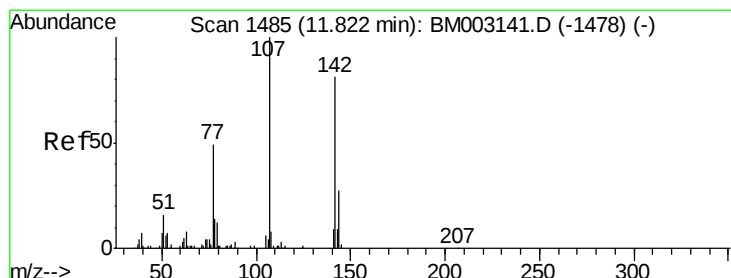
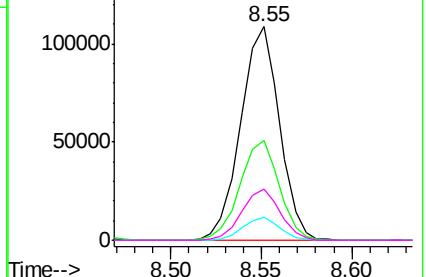
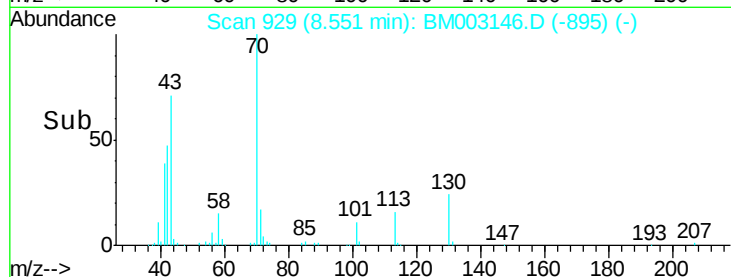


Abundance Ion 70.00 (69.70 to 70.70): BM003146.D (-895) (-)

Ion 42.00 (41.70 to 42.70): BM003146.D (-895) (-)

Ion 101.00 (100.70 to 101.70): BM003146.D (-895) (-)

Ion 130.00 (129.70 to 130.70): BM003146.D (-895) (-)



#33

4-Chloro-3-methylphenol

Concen: 29.69 ng/ul

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

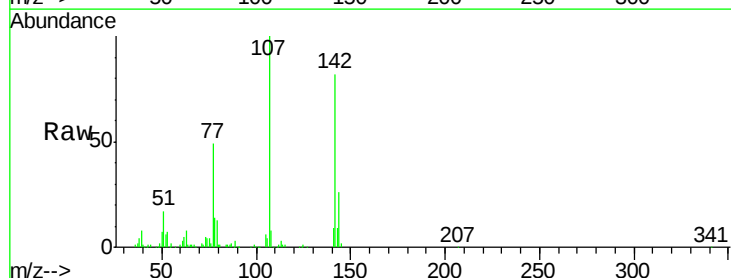
Tgt Ion:107 Resp: 230427

Ion	Ratio	Lower	Upper
107	100		
144	26.4	22.8	34.2
142	81.7	69.5	104.3

107 100

144 26.4 22.8 34.2

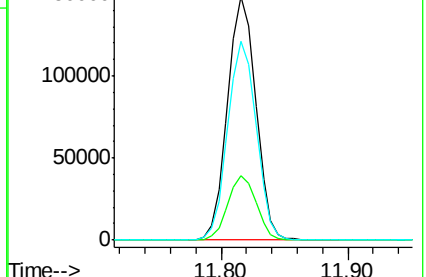
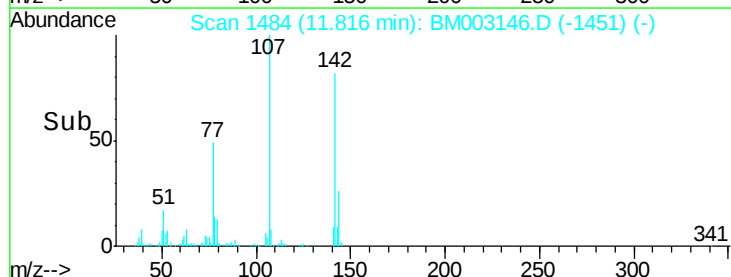
142 81.7 69.5 104.3

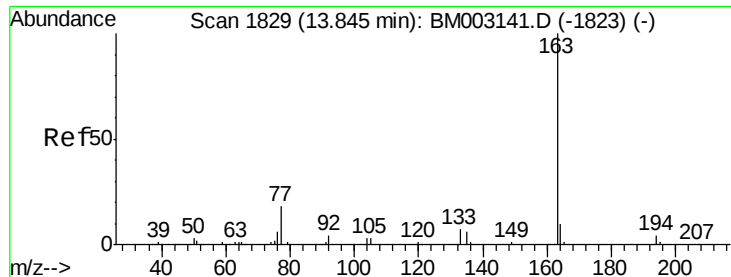


Abundance Ion 107.00 (106.70 to 107.70): BM003146.D (-1451) (-)

Ion 144.00 (143.70 to 144.70): BM003146.D (-1451) (-)

Ion 142.00 (141.70 to 142.70): BM003146.D (-1451) (-)





#45

Dimethylphthalate

Concen: 9.57 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

Instrument :

BNA_M

ClientSampleId :

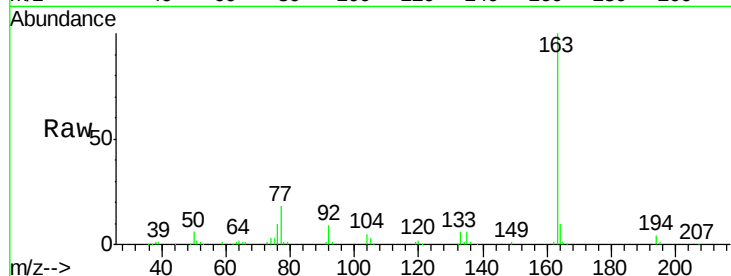
Tot Ion:163 Resp: 205176

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

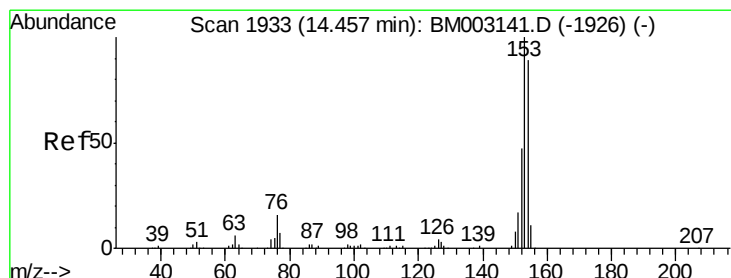
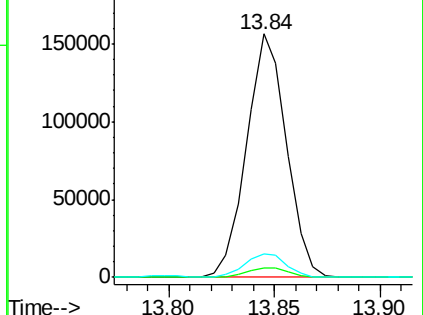
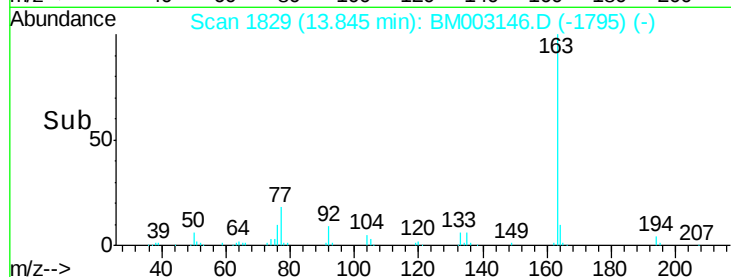
164 9.8 7.8 11.8



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: 28.06 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

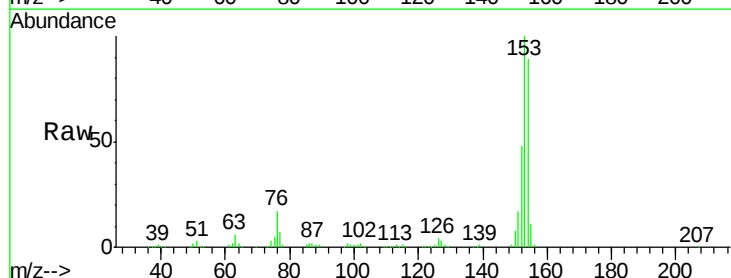
Tgt Ion:153 Resp: 538285

Ion Ratio Lower Upper

153 100

152 47.9 37.0 55.6

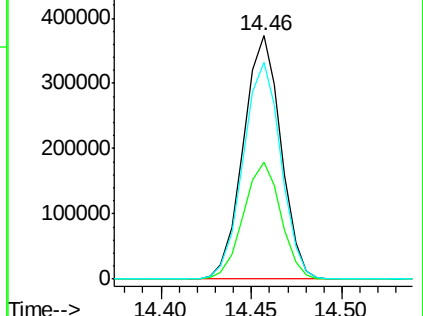
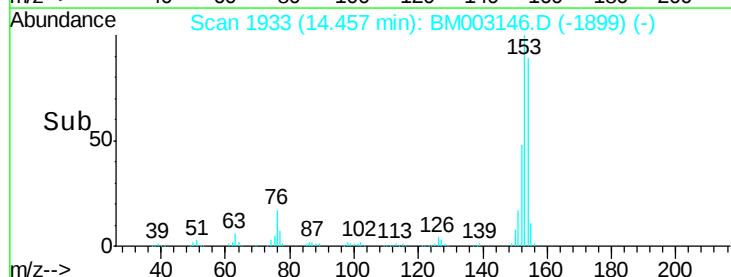
154 88.8 71.0 106.4

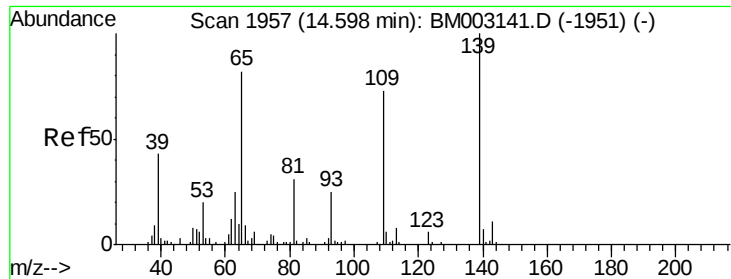


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 33.69 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

Instrument :

BNA_M

ClientSampleId :

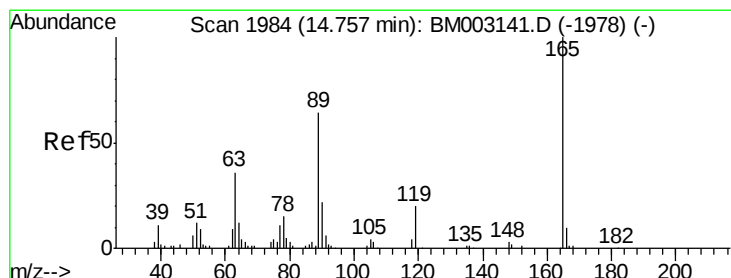
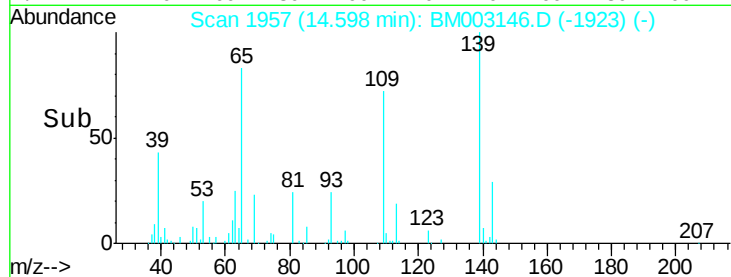
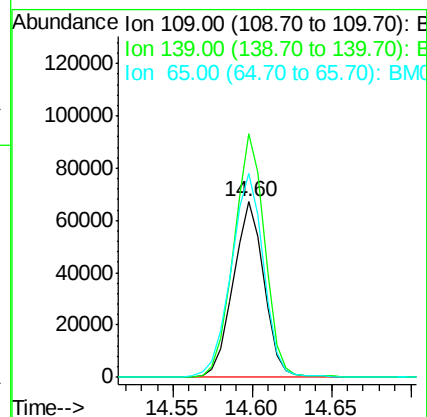
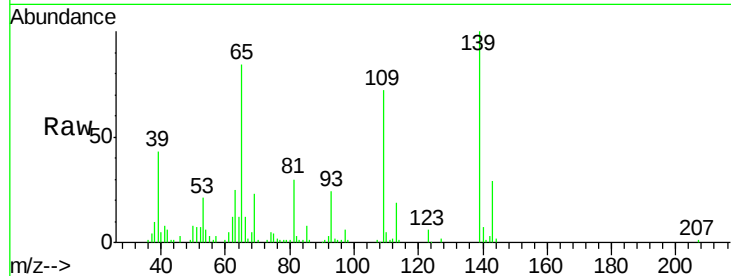
Tot Ion:109 Resp: 90863

Ion Ratio Lower Upper

109 100

139 138.5 150.3 225.5#

65 115.9 110.4 165.6



#55

2,4-Dinitrotoluene

Concen: 35.36 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BM003146.D

Acq: 16 Nov 2015 17:12

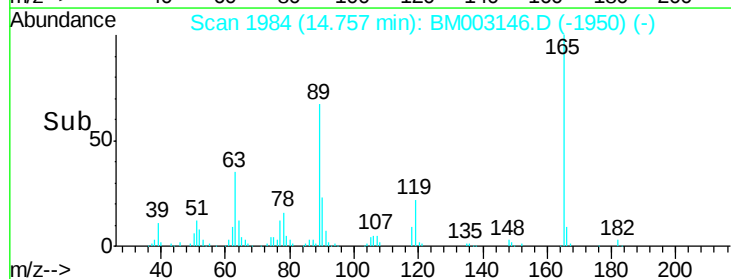
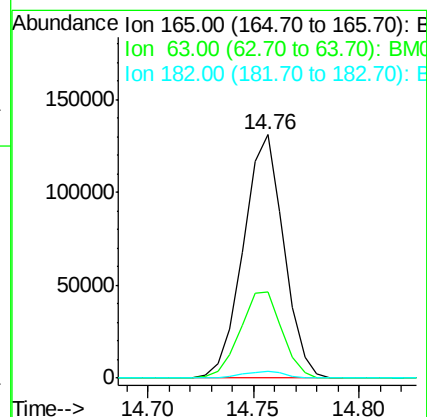
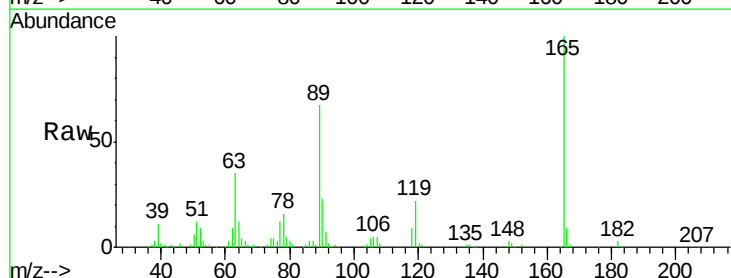
Tgt Ion:165 Resp: 174423

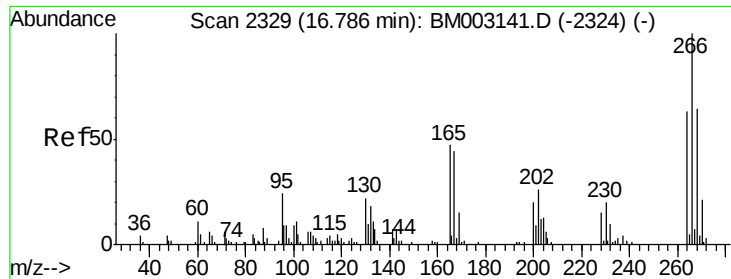
Ion Ratio Lower Upper

165 100

63 35.3 26.2 39.2

182 2.7 2.2 3.4

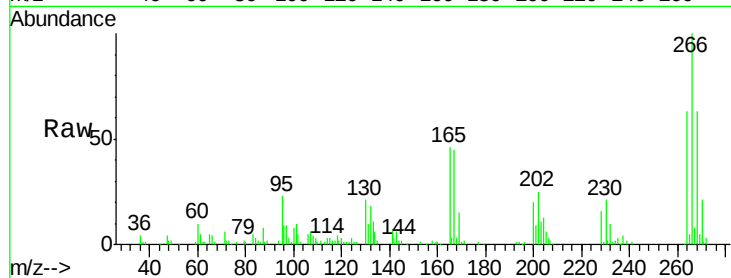




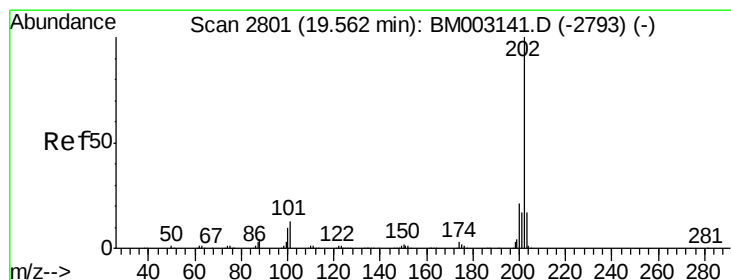
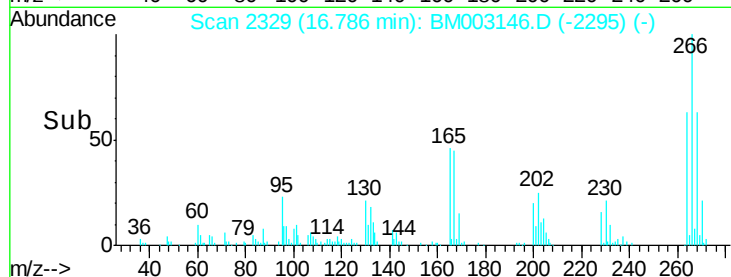
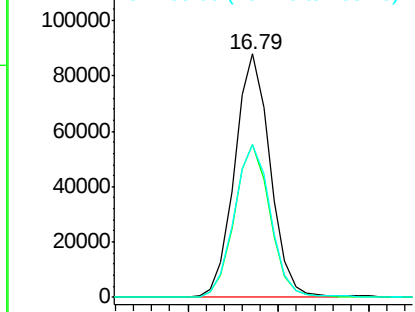
#69
 Pentachlorophenol
 Concen: 30.07 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BM003146.D
 Acq: 16 Nov 2015 17:12

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 119975
 Ion Ratio Lower Upper
 266 100
 264 62.8 52.0 78.0
 268 62.7 49.7 74.5

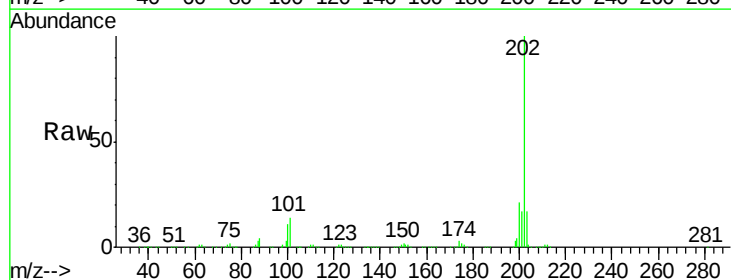


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 27.07 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM003146.D
 Acq: 16 Nov 2015 17:12

Tgt Ion:202 Resp: 1110589
 Ion Ratio Lower Upper
 202 100
 101 13.6 12.6 18.8
 100 10.7 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

