

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 :
 D9KL4MSD

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

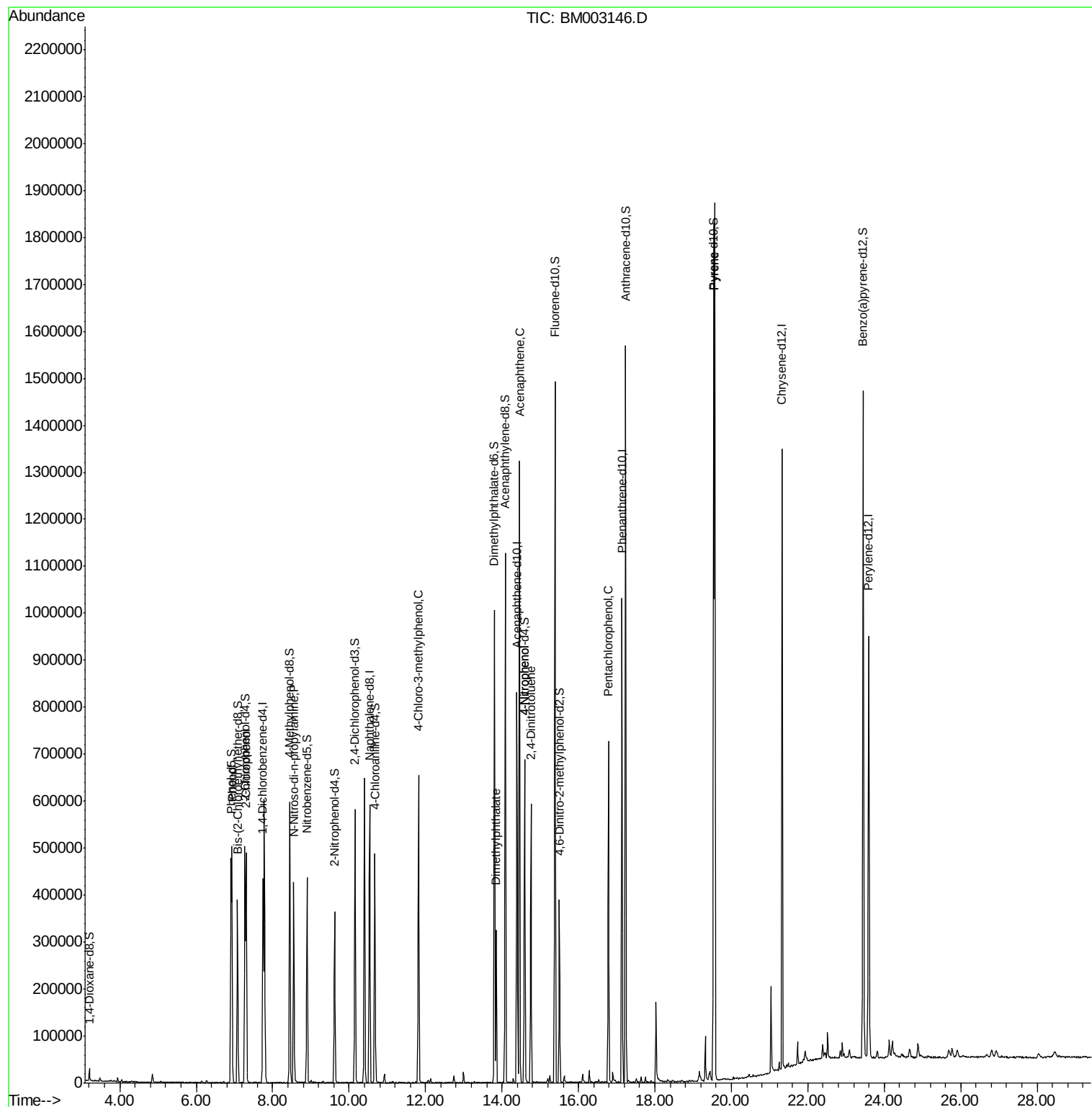
						Ovalue
6) Phenol	6.93	94	277551	28.51	ng/ul	94
10) 2-Chlorophenol	7.31	128	234271	28.30	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	161767	28.20	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	230427	29.69	ng/ul	95
45) Dimethylphthalate	13.84	163	205176	9.57	ng/ul	100
50) Acenaphthene	14.46	153	538285	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

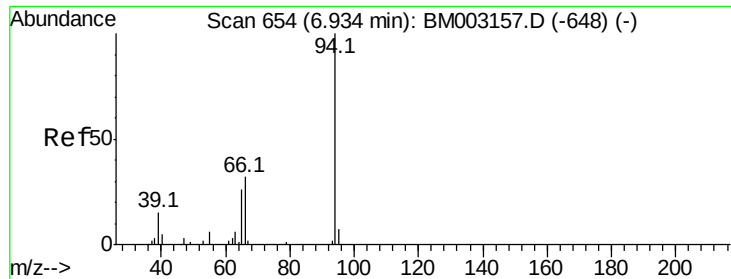
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

D9KL4MSD

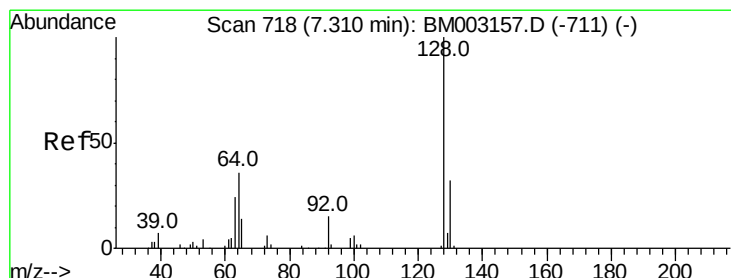
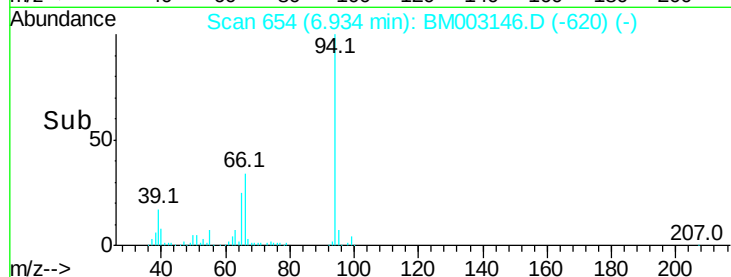
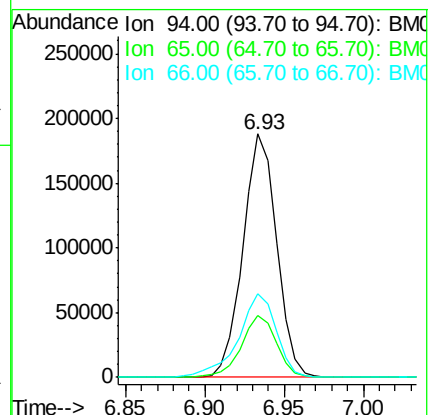
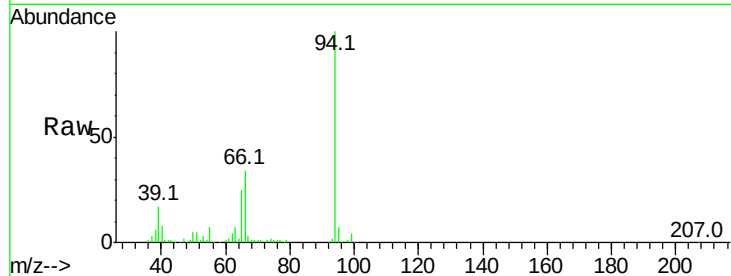
Tot Ion: 94 Resp: 277551

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

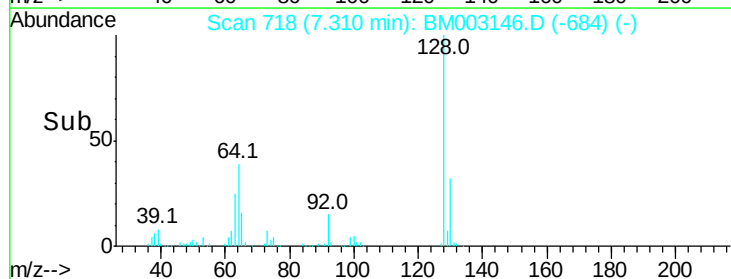
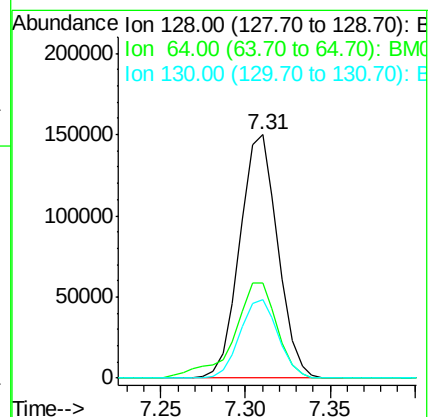
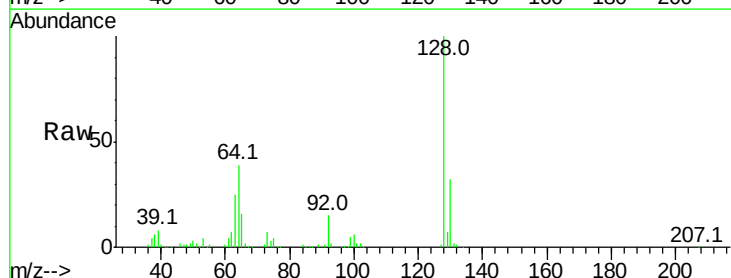
Tgt Ion: 128 Resp: 234271

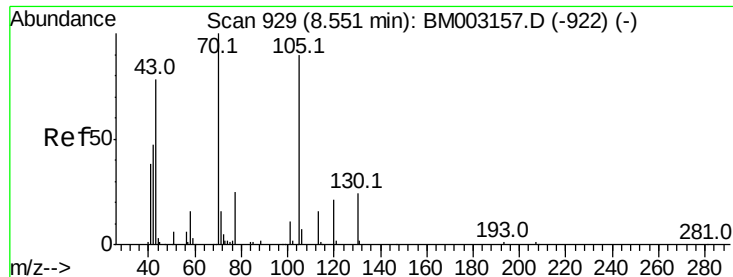
Ion Ratio Lower Upper

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 :

D9KL4MSD

Tot Ion: 70 Resp: 161767

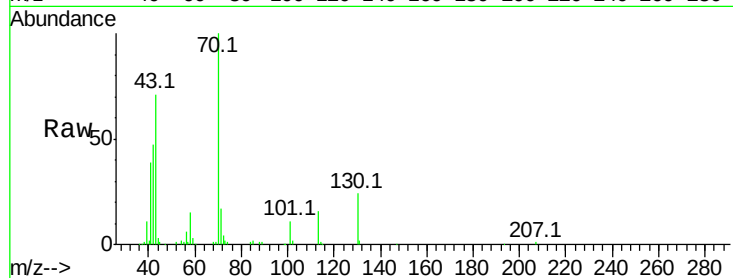
Ion Ratio Lower Upper

70 100

42 46.6 43.5 65.3

101 10.5 9.0 13.4

130 24.0 21.4 32.2

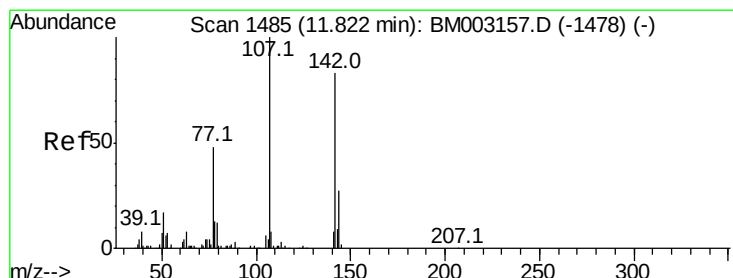
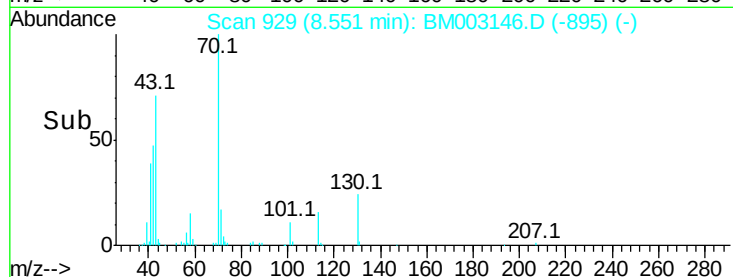
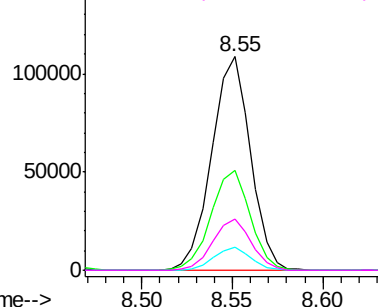


Abundance Ion 70.00 (69.70 to 70.70): BM003157.D (-922) (-)

Ion 42.00 (41.70 to 42.70): BM003157.D (-922) (-)

Ion 101.00 (100.70 to 101.70): BM003157.D (-922) (-)

Ion 130.00 (129.70 to 130.70): BM003157.D (-922) (-)



#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

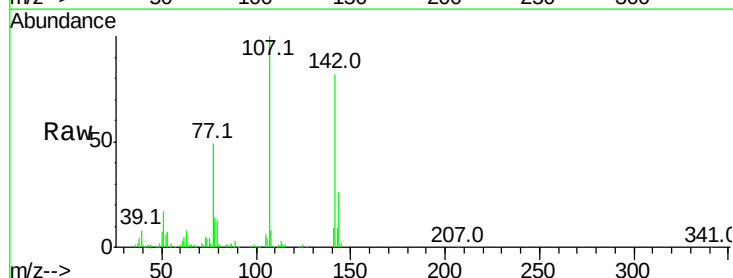
Tgt Ion: 107 Resp: 230427

Ion Ratio Lower Upper

107 100

144 26.4 22.8 34.2

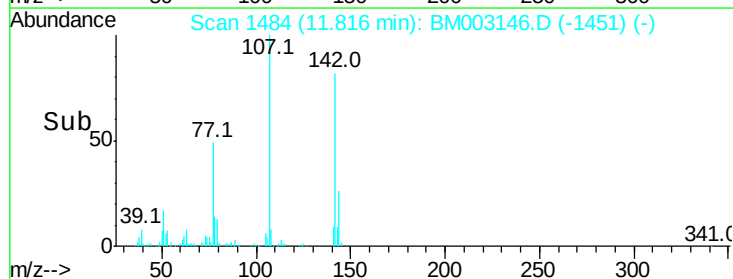
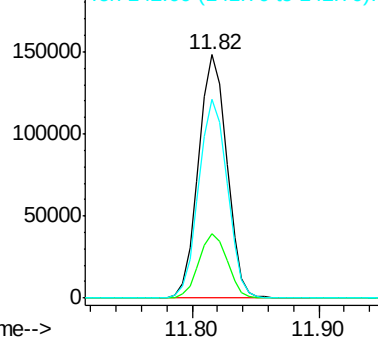
142 81.7 69.5 104.3

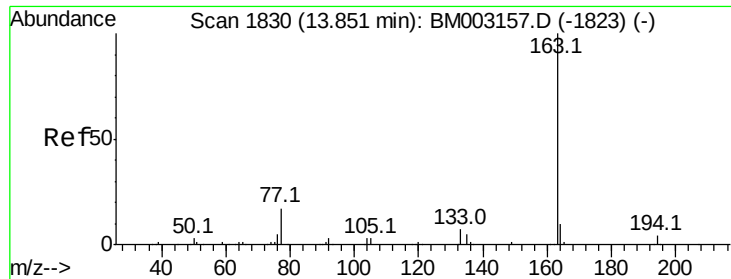


Abundance Ion 107.00 (106.70 to 107.70): BM003157.D (-1478) (-)

Ion 144.00 (143.70 to 144.70): BM003157.D (-1478) (-)

Ion 142.00 (141.70 to 142.70): BM003157.D (-1478) (-)





#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 :

D9KL4MSD

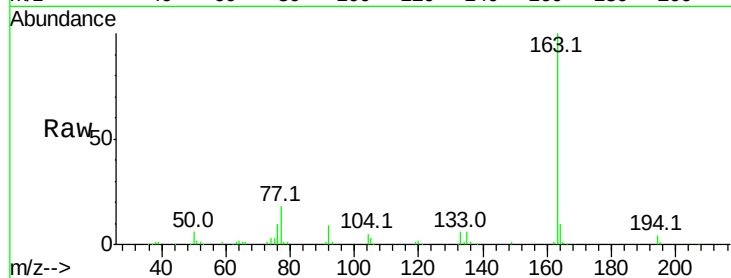
Tot Ion:163 Resp: 205176

Ion Ratio Lower Upper

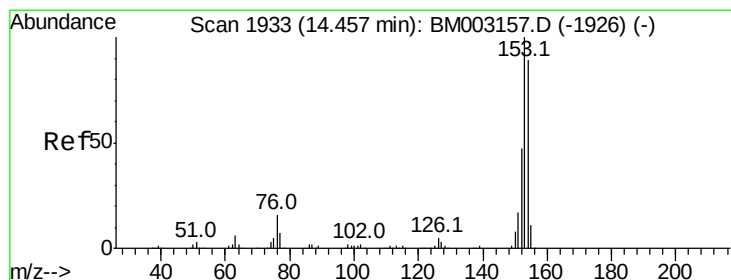
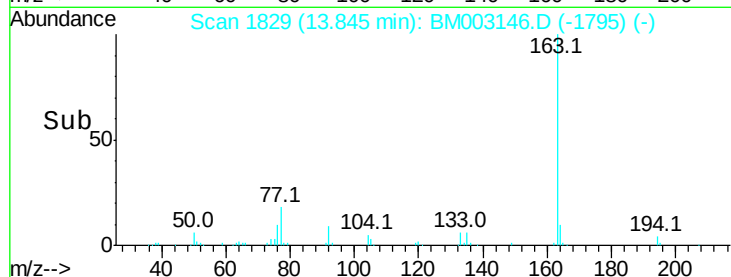
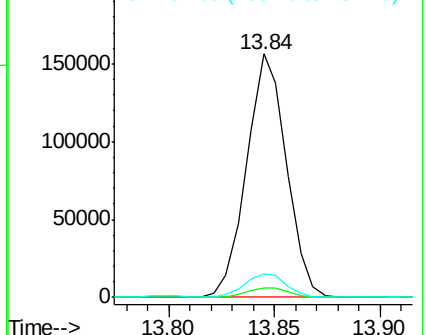
163 100

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

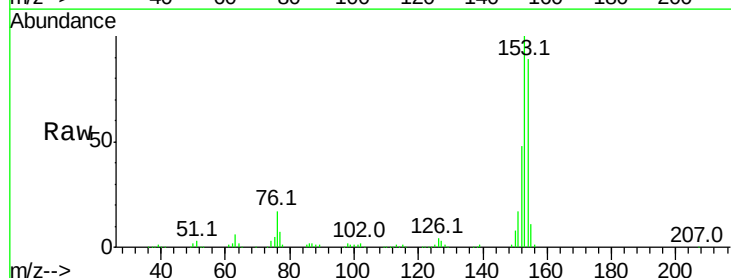
Tgt Ion:153 Resp: 538285

Ion Ratio Lower Upper

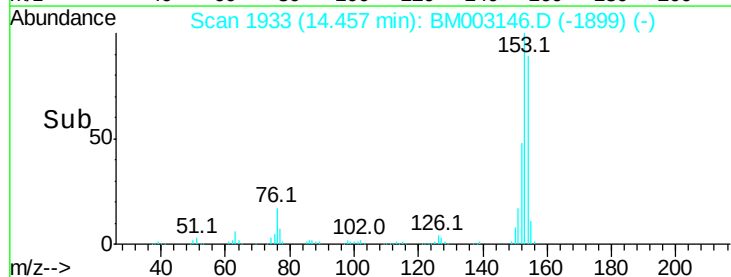
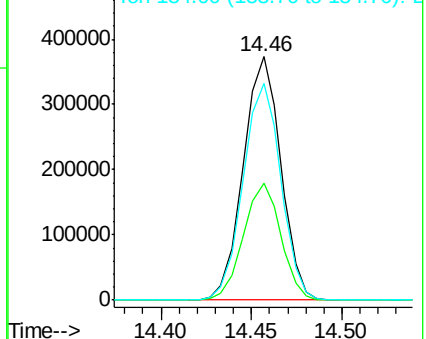
153 100

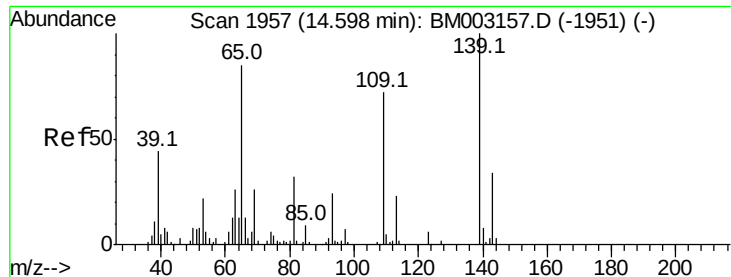
152 47.9 37.0 55.6

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 :

D9KL4MSD

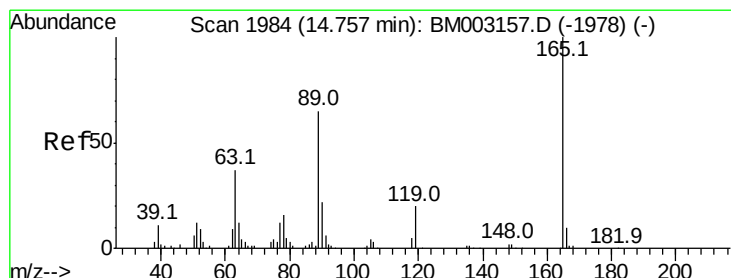
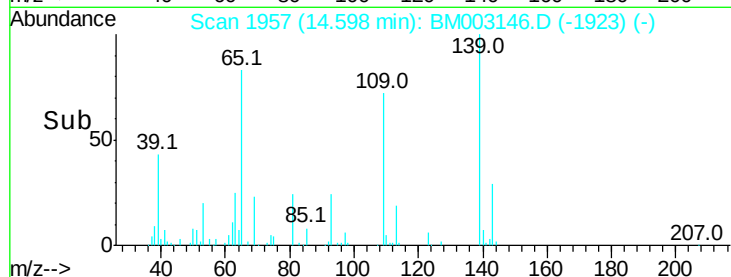
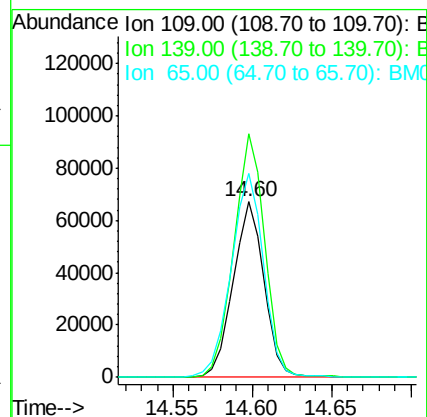
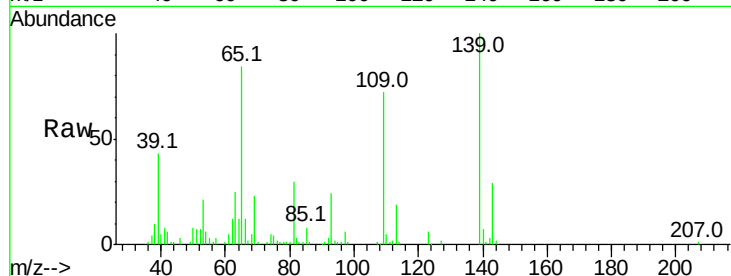
Tot Ion:109 Resp: 90863

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

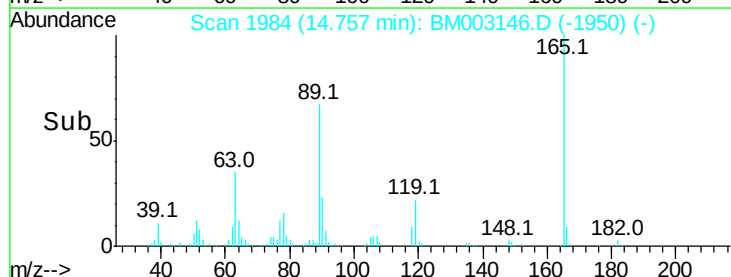
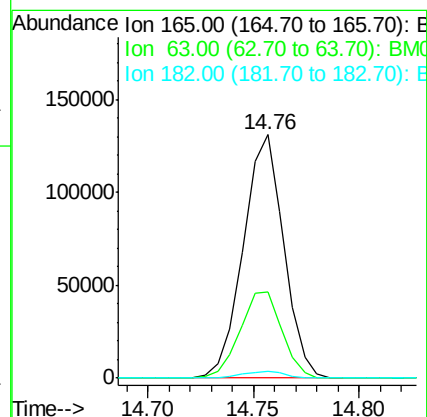
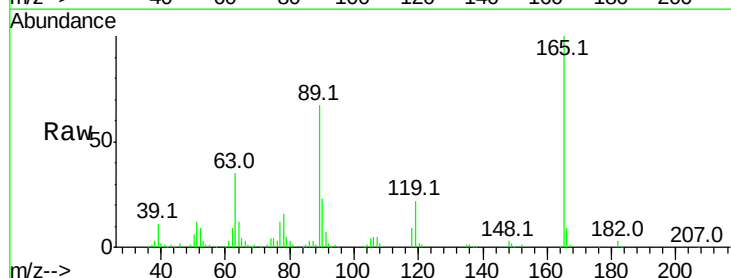
Tgt Ion:165 Resp: 174423

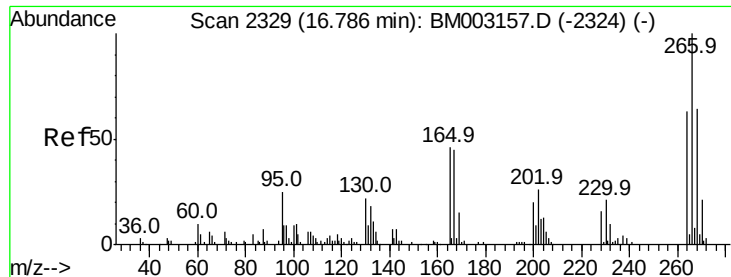
Ion Ratio Lower Upper

165 100

63 35.3 26.2 39.2

182 2.7 2.2 3.4

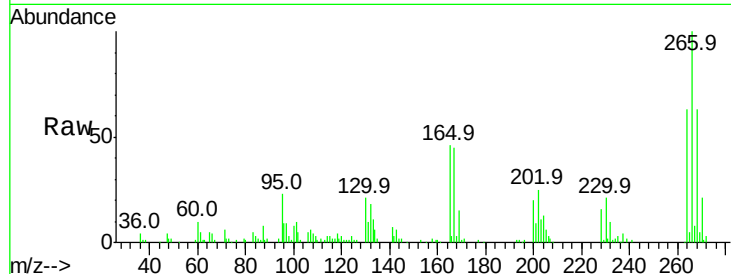




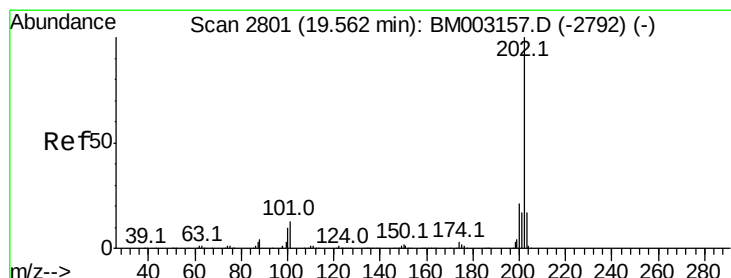
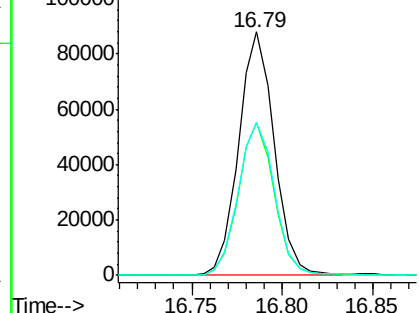
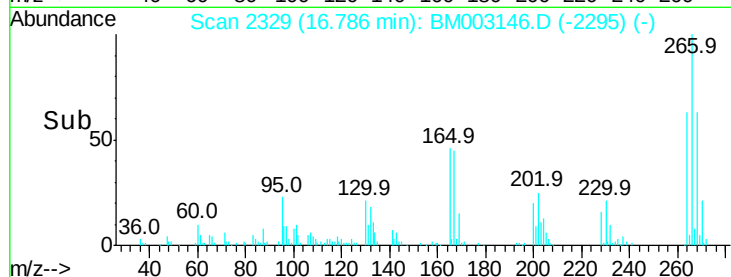
#69
 Pentachlorophenol
 Concen: 30.07 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BM003146.D
 Acq: 16 Nov 2015 17:12

Instrument :
 BNA_M
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 D9KL4MSD

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

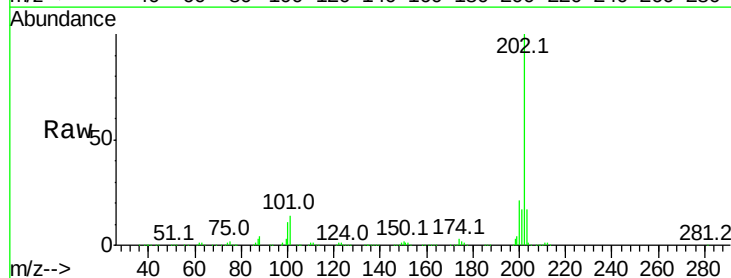


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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	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

