

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120116\
 Data File : BM008144.D
 Acq On : 01 Dec 2016 19:05
 Operator : UM/SJ
 Sample : H5730-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Quant Time: Dec 02 03:18:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	180830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	699400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	423469	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	775749	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	910270	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	928527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12659	3.46	ng/uL	0.00
5) Phenol-d5	6.88	99	234967	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	146844	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	190308	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	162734	15.53	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	93616	18.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	101812	17.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	172909	16.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	184101	18.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	539172	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	631587	18.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	48207	11.43	ng/ul	0.00
57) Fluorene-d10	15.33	176	458042	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	58486	12.70	ng/ul	0.00
70) Anthracene-d10	17.18	188	618729	18.54	ng/ul	0.00
76) Pyrene-d10	19.48	212	713809	19.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	719453	18.60	ng/ul	0.00

Target Compounds

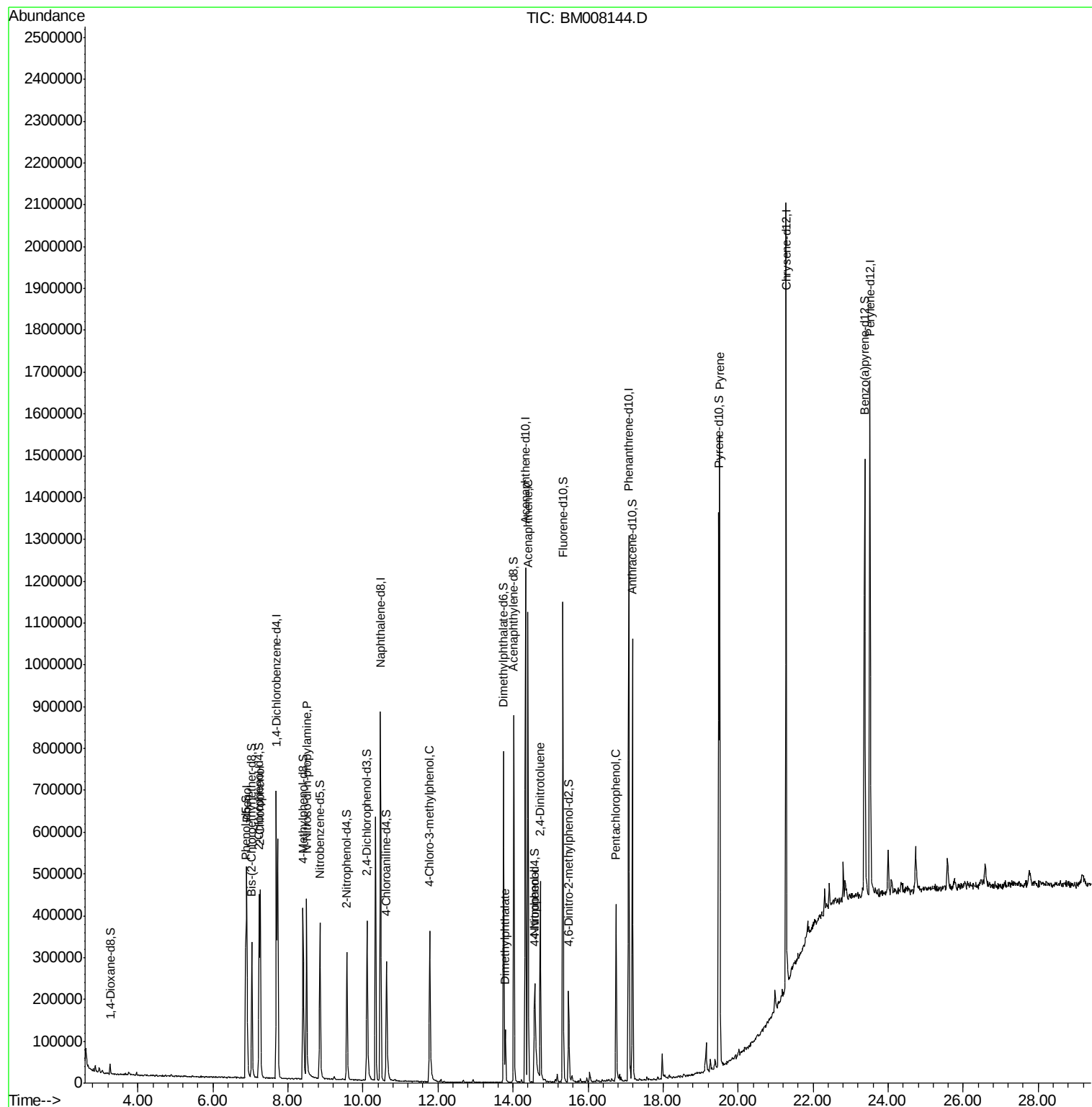
						Qvalue
6) Phenol	6.90	94	292634	21.14	ng/ul	97
10) 2-Chlorophenol	7.26	128	194424	18.20	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	166344	18.91	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	175820	16.08	ng/ul	99
44) Dimethylphthalate	13.80	163	81742	3.05	ng/ul	100
49) Acenaphthene	14.40	153	446493	19.32	ng/ul	97
52) 4-Nitrophenol	14.59	109	48713	12.29	ng/ul	93
54) 2,4-Dinitrotoluene	14.73	165	139684	18.47	ng/ul#	82
68) Pentachlorophenol	16.74	266	89753	16.30	ng/ul	97
77) Pyrene	19.52	202	950246	20.29	ng/ul	97

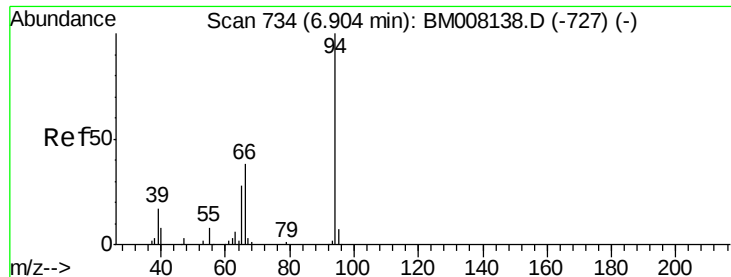
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 21.14 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

ClientSampleId :

A4WH6MS

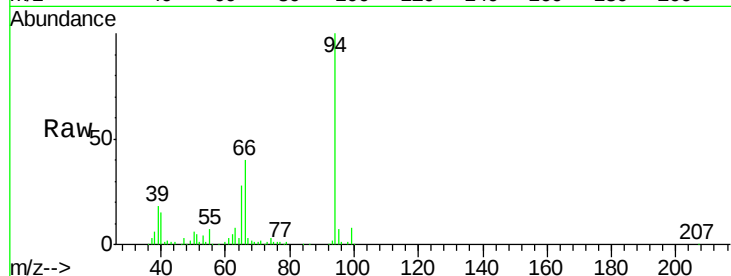
Tgt Ion: 94 Resp: 292634

Ion Ratio Lower Upper

94 100

65 28.2 23.1 34.7

66 39.8 33.7 50.5

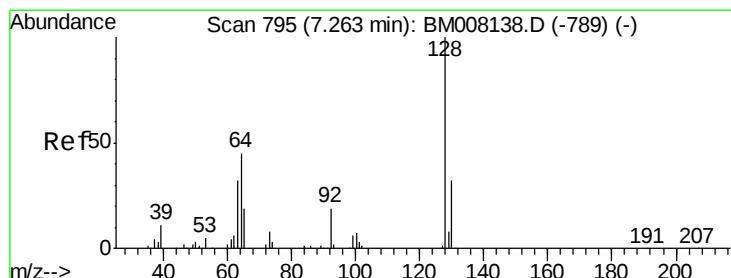
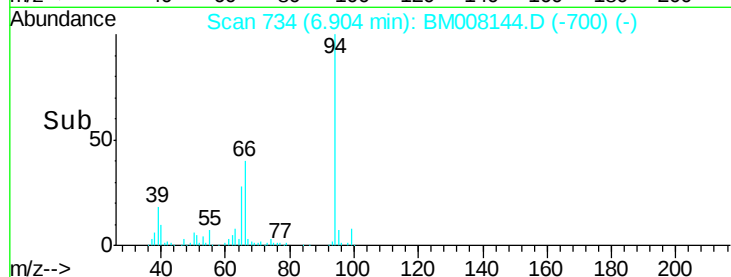


Abundance Ion 94.00 (93.70 to 94.70): BM008138.D (-727) (-)

Ion 65.00 (64.70 to 65.70): BM008138.D (-727) (-)

Ion 66.00 (65.70 to 66.70): BM008138.D (-727) (-)

Time-->



#10

2-Chlorophenol

Concen: 18.20 ng/ul

RT: 7.26 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

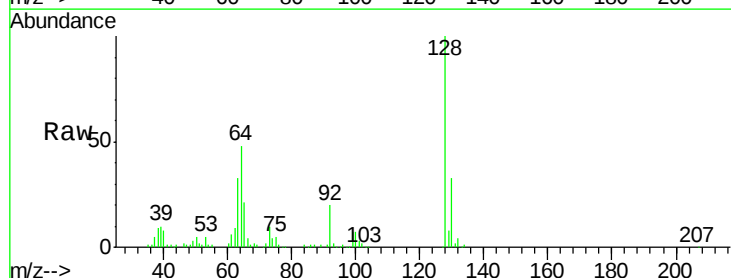
Tgt Ion: 128 Resp: 194424

Ion Ratio Lower Upper

128 100

64 48.1 38.7 58.1

130 32.8 26.9 40.3

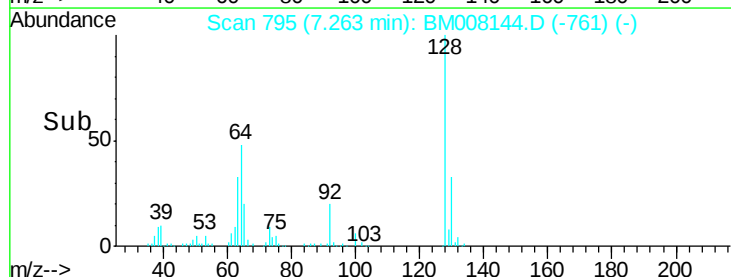


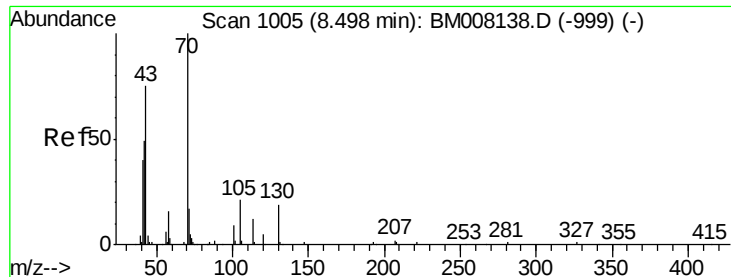
Abundance Ion 128.00 (127.70 to 128.70): BM008138.D (-789) (-)

Ion 64.00 (63.70 to 64.70): BM008138.D (-789) (-)

Ion 130.00 (129.70 to 130.70): BM008138.D (-789) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 18.91 ng/ul

RT: 8.50 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

ClientSampleId :

A4WH6MS

Tgt Ion: 70 Resp: 166344

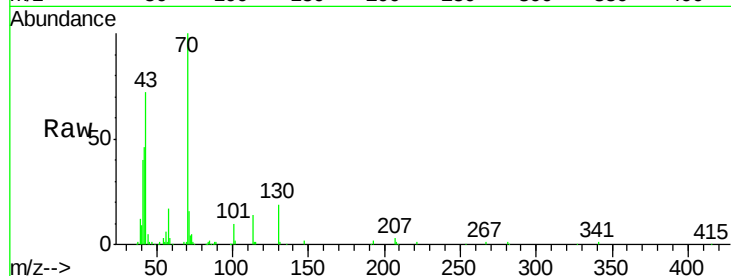
Ion Ratio Lower Upper

70 100

42 46.3 37.5 56.3

101 9.6 7.8 11.8

130 19.2 16.6 25.0



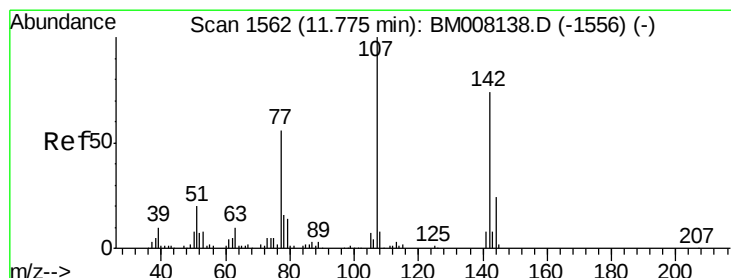
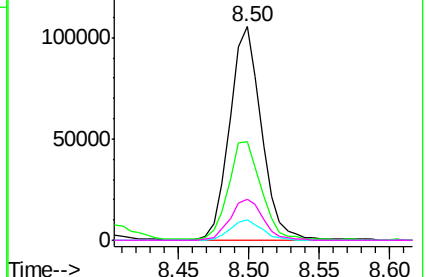
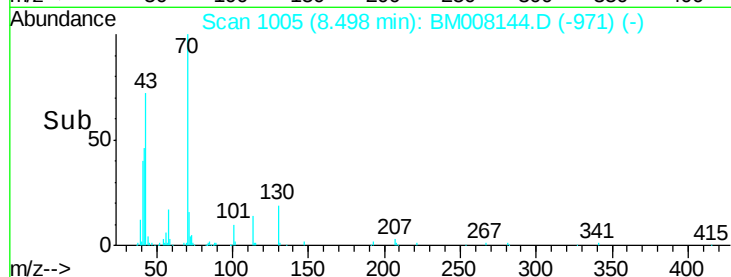
Abundance Ion 70.00 (69.70 to 70.70): BM008138.D (-999) (-)

Ion 42.00 (41.70 to 42.70): BM008138.D (-999) (-)

Ion 101.00 (100.70 to 101.70): BM008138.D (-999) (-)

Ion 130.00 (129.70 to 130.70): BM008138.D (-999) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 16.08 ng/ul

RT: 11.78 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

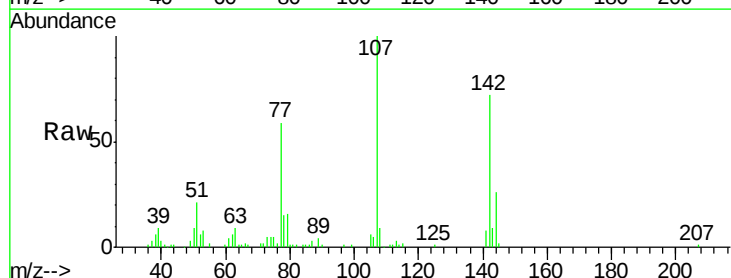
Tgt Ion: 107 Resp: 175820

Ion Ratio Lower Upper

107 100

144 25.8 19.4 29.2

142 72.4 58.0 87.0

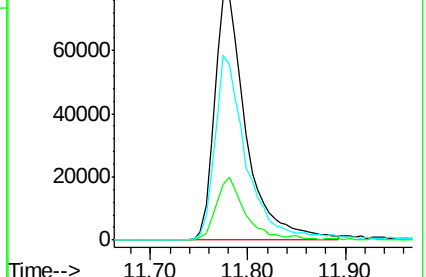
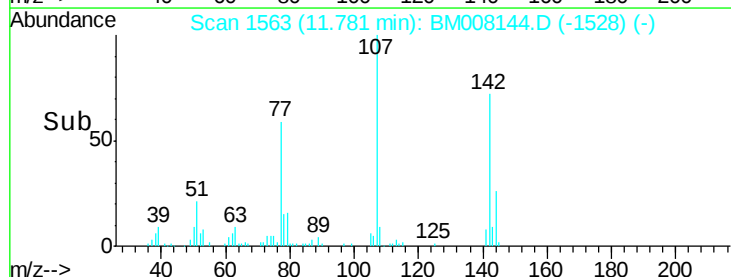


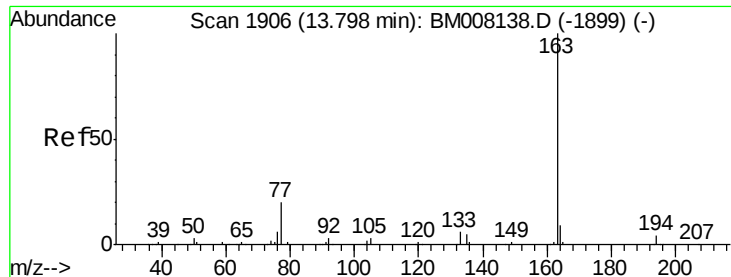
Abundance Ion 107.00 (106.70 to 107.70): BM008138.D (-1556) (-)

Ion 144.00 (143.70 to 144.70): BM008138.D (-1556) (-)

Ion 142.00 (141.70 to 142.70): BM008138.D (-1556) (-)

Time-->





#44

Dimethylphthalate

Concen: 3.05 ng/ul

RT: 13.80 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

ClientSampleId :

A4WH6MS

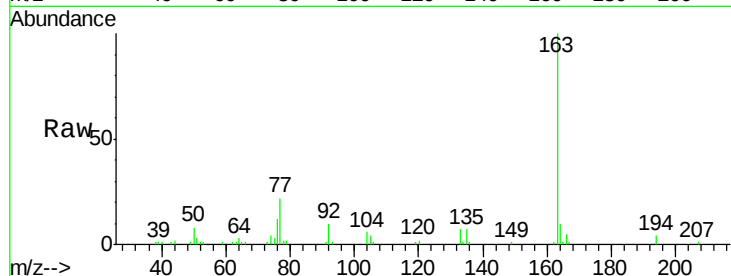
Tgt Ion:163 Resp: 81742

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

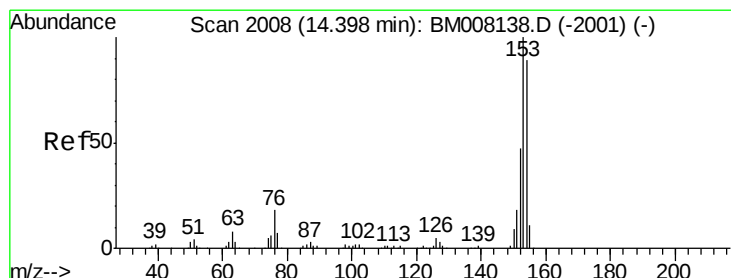
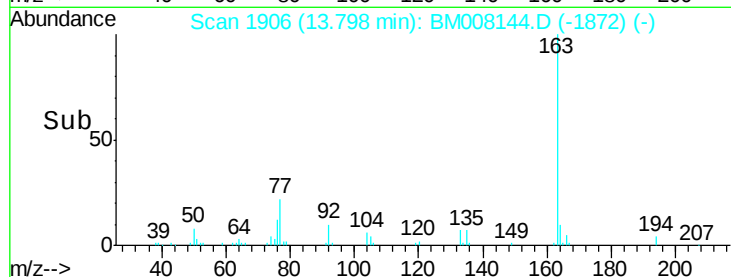
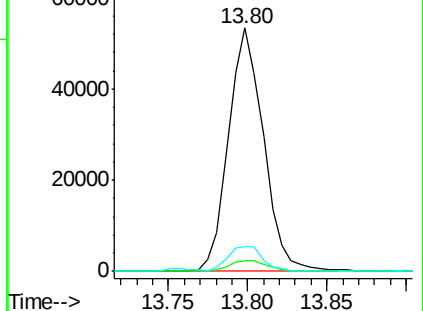
164 10.3 8.2 12.4



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



#49

Acenaphthene

Concen: 19.32 ng/ul

RT: 14.40 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

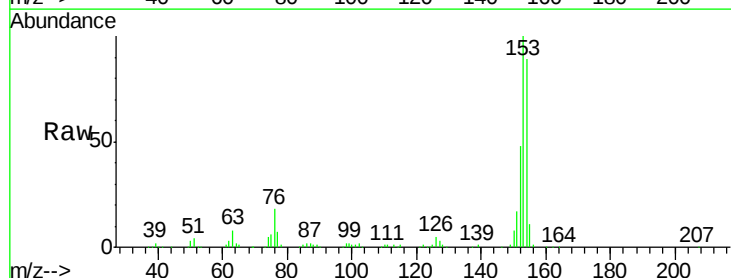
Tgt Ion:153 Resp: 446493

Ion Ratio Lower Upper

153 100

152 48.3 36.4 54.6

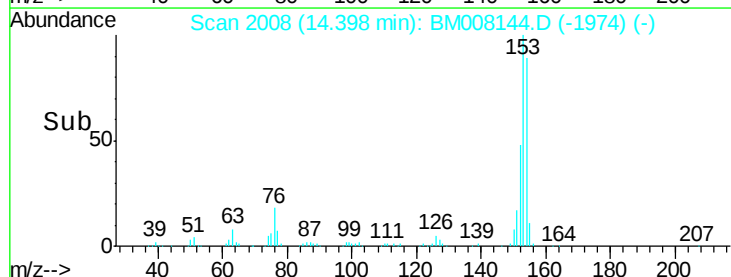
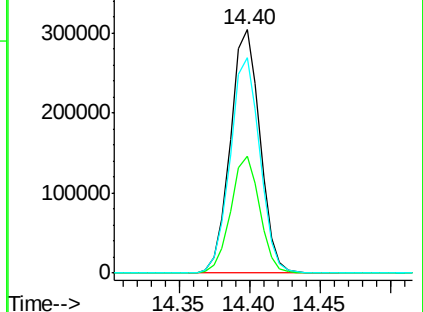
154 88.7 68.7 103.1

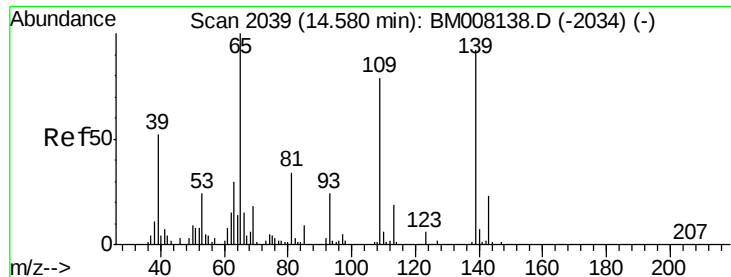


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

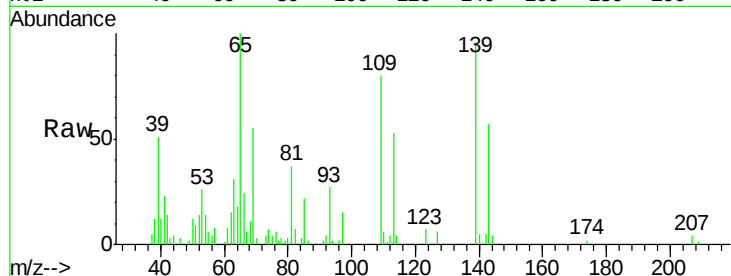




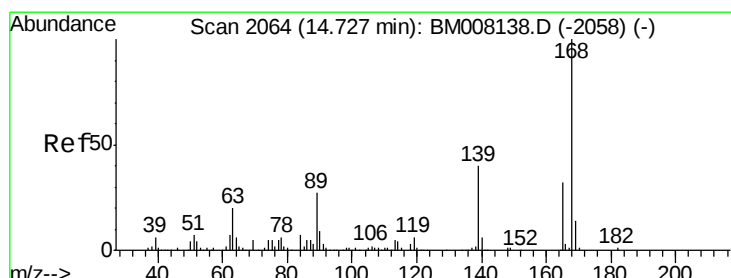
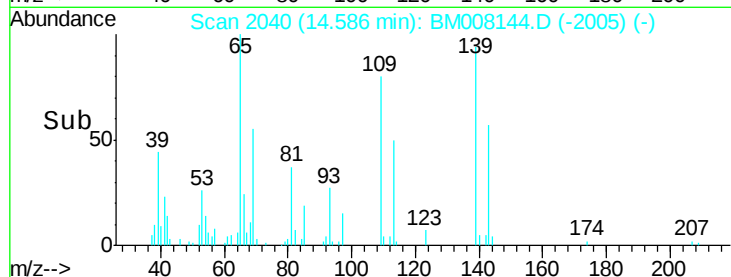
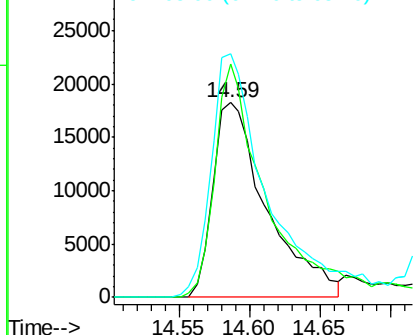
#52
4-Nitrophenol
Concen: 12.29 ng/ul
RT: 14.59 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Instrument :
BNA_M
ClientSampleId :
A4WH6MS

Tgt Ion:109 Resp: 48713
Ion Ratio Lower Upper
109 100
139 120.1 85.4 128.2
65 125.0 97.7 146.5

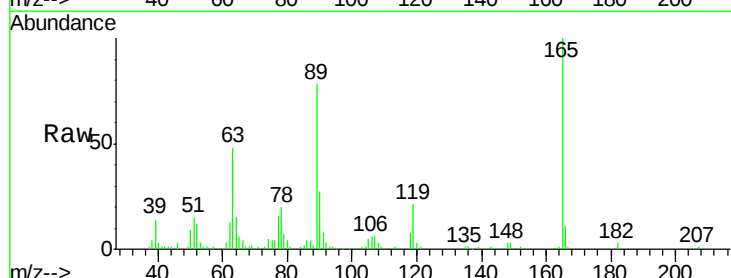


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

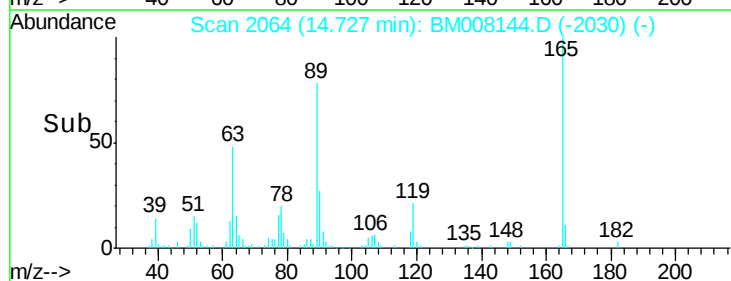
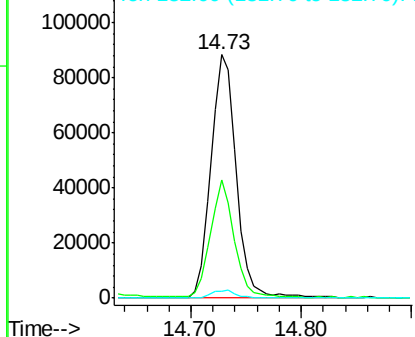


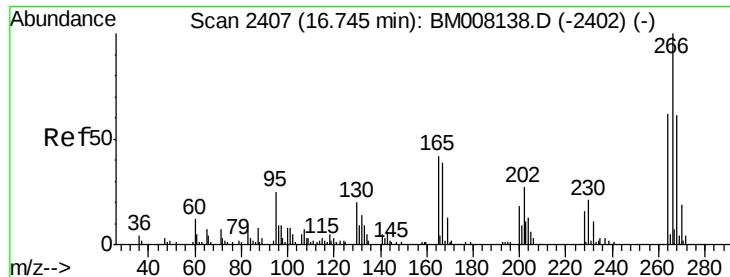
#54
2,4-Dinitrotoluene
Concen: 18.47 ng/ul
RT: 14.73 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Tgt Ion:165 Resp: 139684
Ion Ratio Lower Upper
165 100
63 48.4 50.6 76.0#
182 2.9 2.7 4.1



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

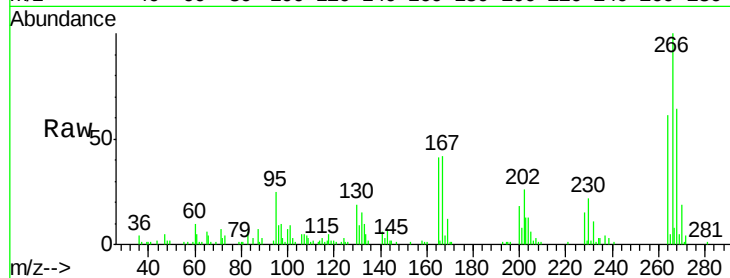




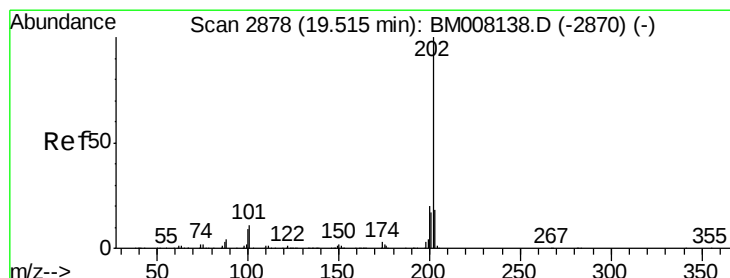
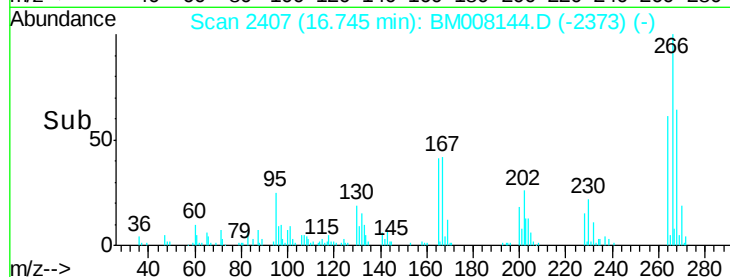
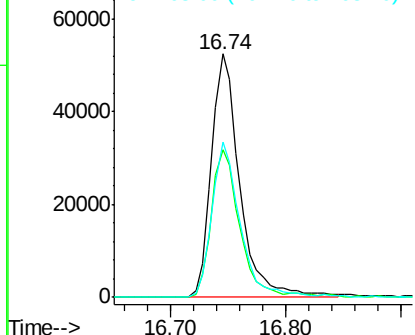
#68
 Pentachlorophenol
 Concen: 16.30 ng/ul
 RT: 16.74 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM008144.D
 Acq: 01 Dec 2016 19:05

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Tgt Ion:266 Resp: 89753
 Ion Ratio Lower Upper
 266 100
 264 60.7 50.6 75.8
 268 63.6 49.1 73.7

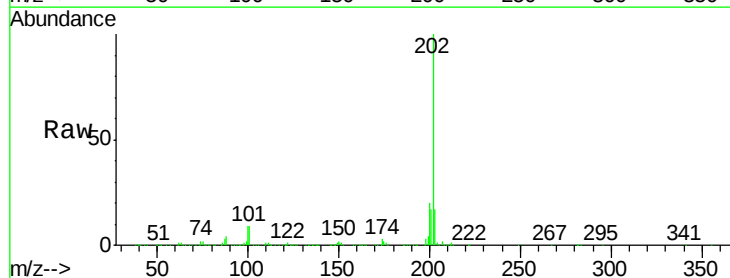


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 20.29 ng/ul
 RT: 19.52 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BM008144.D
 Acq: 01 Dec 2016 19:05

Tgt Ion:202 Resp: 950246
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.6 12.8
 100 8.6 6.5 9.7



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

