

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004537.D
 Acq On : 03 Mar 2016 17:49
 Operator : SJ/UM
 Sample : H1584-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0075MS

Quant Time: Mar 04 04:03:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 13:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	19547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	82449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	46137	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	105421	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	118286	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	118799	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	377	1.04	ng/uL	0.00
5) Phenol-d5	6.79	99	9073	5.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	21828	27.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	32005	22.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	17291	12.46	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	18600	30.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	21078	29.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	33261	26.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.67	166	119669	31.18	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	143080	30.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	2016	3.56	ng/ul	0.04
58) Fluorene-d10	15.26	176	105282	31.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	16865	24.64	ng/ul	0.00
71) Anthracene-d10	17.11	188	164787	31.95	ng/ul	0.00
79) Pyrene-d10	19.42	212	182290	28.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	189123	29.92	ng/ul	0.00

Target Compounds

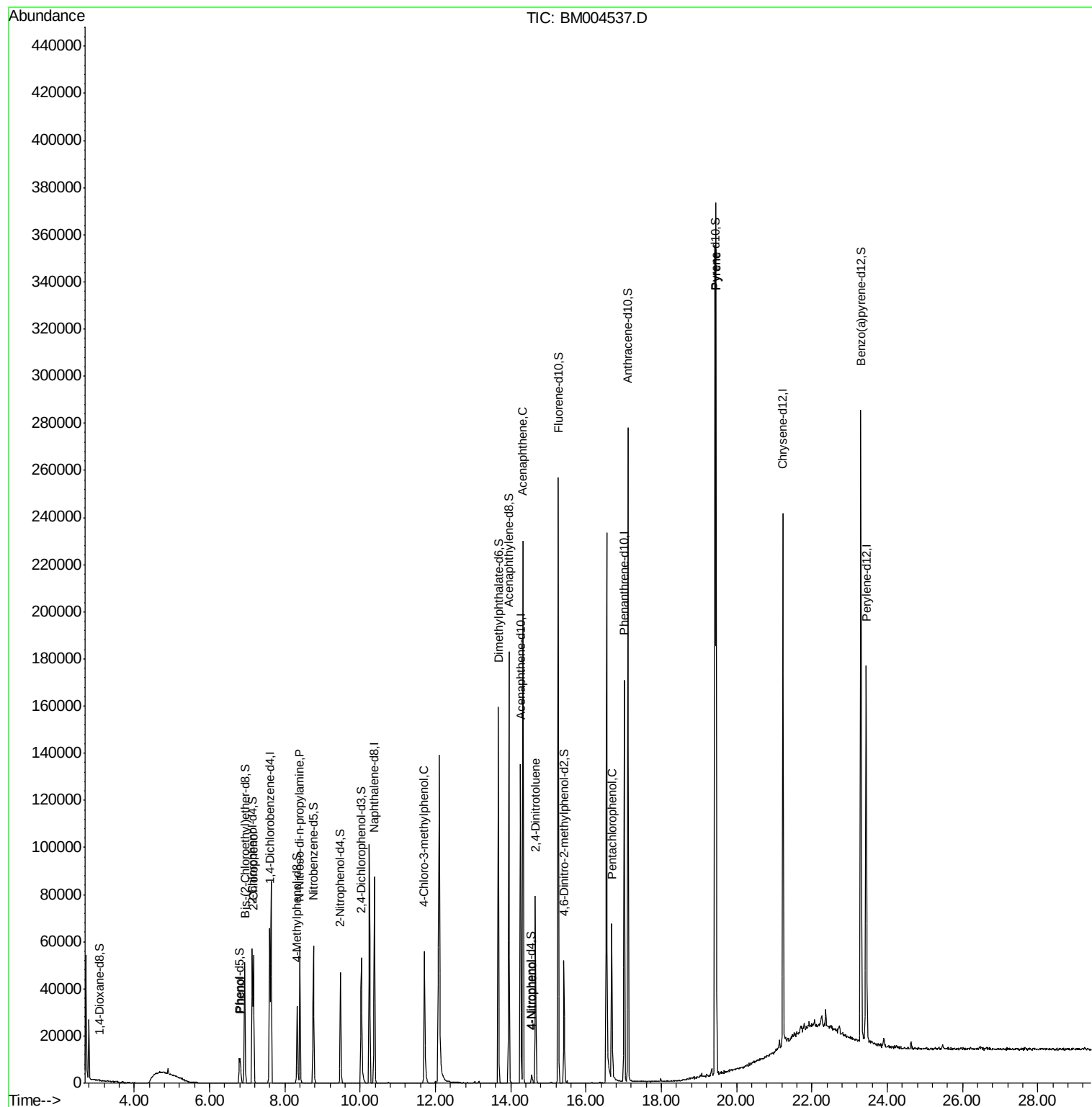
						Qvalue
6) Phenol	6.82	94	9255	5.55	ng/ul	94
10) 2-Chlorophenol	7.16	128	30193	20.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	23820	23.27	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	29768	20.17	ng/ul	95
50) Acenaphthene	14.32	153	97028	28.48	ng/ul	99
53) 4-Nitrophenol	14.56	109	1026	2.64	ng/ul	84
55) 2,4-Dinitrotoluene	14.66	165	32121	27.17	ng/ul	89
69) Pentachlorophenol	16.68	266	17535	31.40	ng/ul	99
80) Pyrene	19.45	202	223193	26.00	ng/ul	99

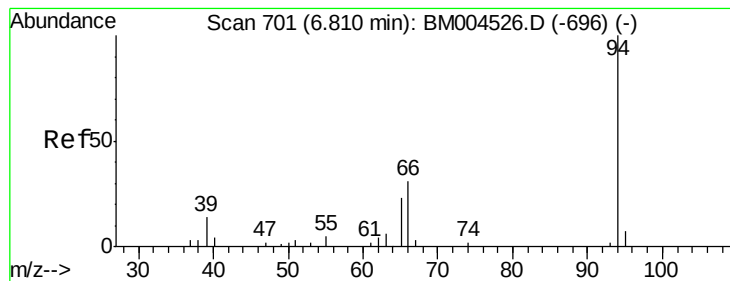
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.55 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.01 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

Instrument :

BNA_M

ClientSampleId :

H0075MS

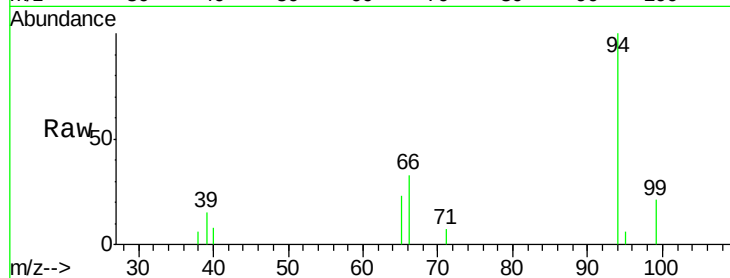
Tgt Ion: 94 Resp: 9255

Ion Ratio Lower Upper

94 100

65 22.6 21.0 31.6

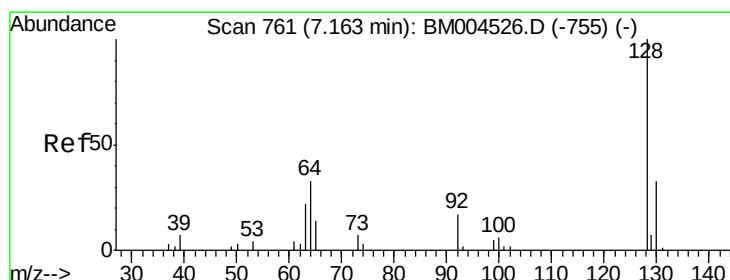
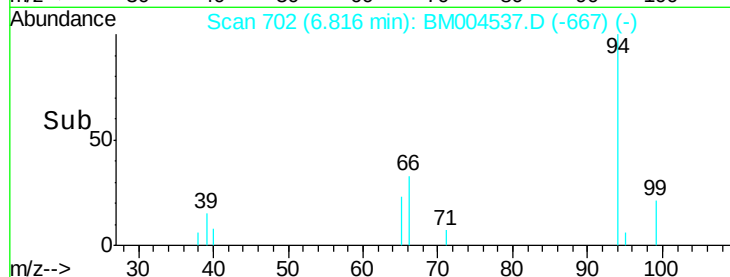
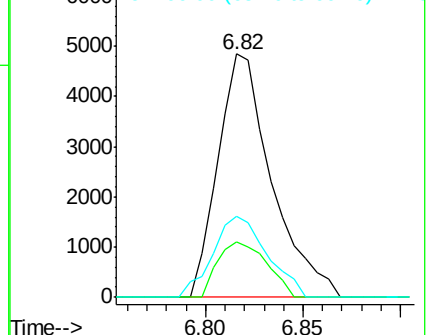
66 33.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004526.D (-696) (-)

Ion 65.00 (64.70 to 65.70): BM004526.D (-696) (-)

Ion 66.00 (65.70 to 66.70): BM004526.D (-696) (-)



#10

2-Chlorophenol

Concen: 20.59 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

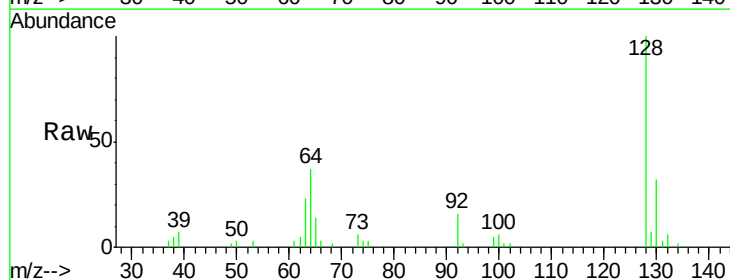
Tgt Ion: 128 Resp: 30193

Ion Ratio Lower Upper

128 100

64 36.6 31.9 47.9

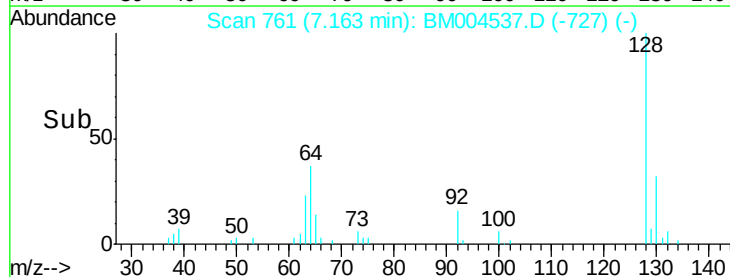
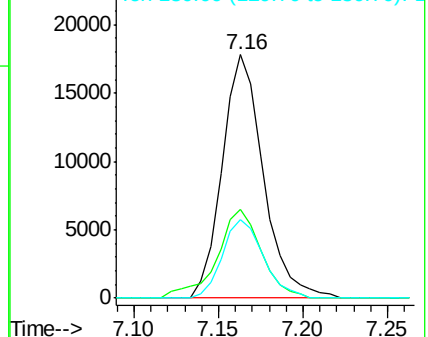
130 32.3 25.6 38.4

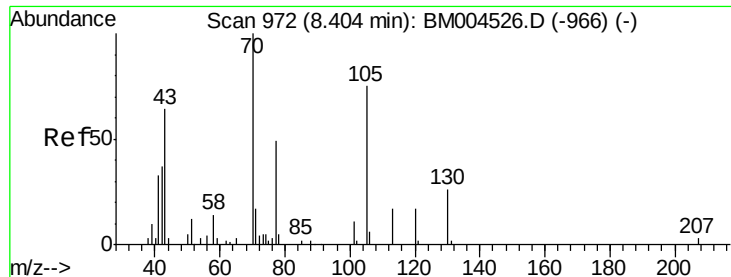


Abundance Ion 128.00 (127.70 to 128.70): BM004526.D (-755) (-)

Ion 64.00 (63.70 to 64.70): BM004526.D (-755) (-)

Ion 130.00 (129.70 to 130.70): BM004526.D (-755) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 23.27 ng/ul

RT: 8.40 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

Instrument :

BNA_M

ClientSampleId :

H0075MS

Tgt Ion: 70 Resp: 23820

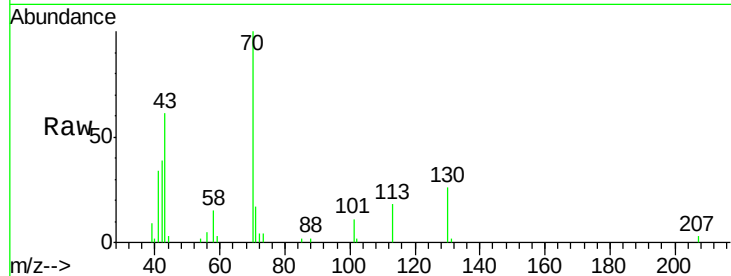
Ion Ratio Lower Upper

70 100

42 39.2 35.4 53.0

101 11.1 8.4 12.6

130 26.4 18.2 27.4

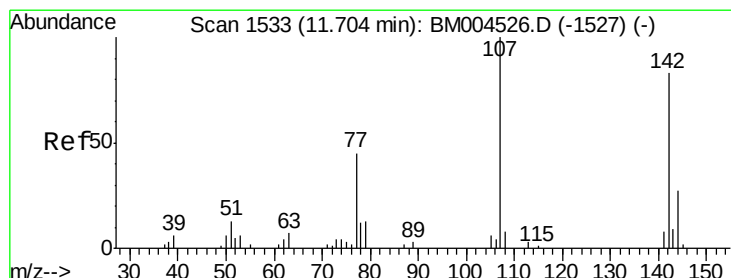
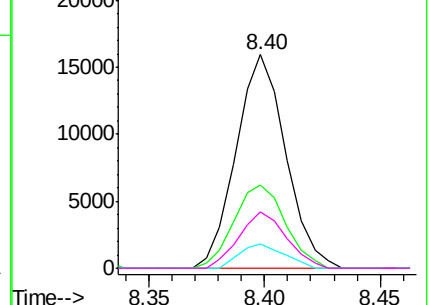
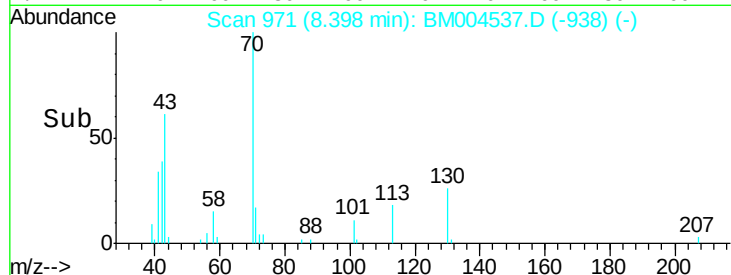


Abundance Ion 70.00 (69.70 to 70.70): BM004526.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM004526.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM004526.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM004526.D (-966) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.17 ng/ul

RT: 11.70 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

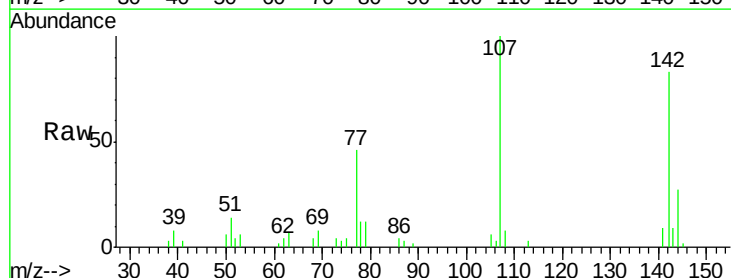
Tgt Ion: 107 Resp: 29768

Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

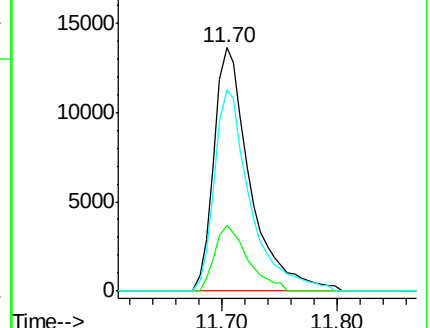
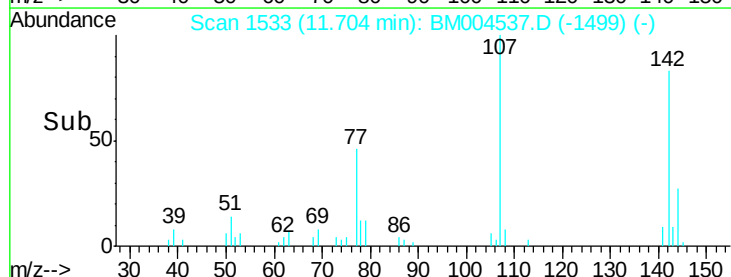
142 82.7 62.5 93.7

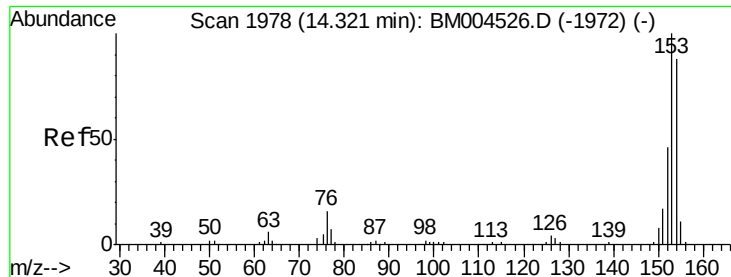


Abundance Ion 107.00 (106.70 to 107.70): BM004526.D (-1527) (-)

Ion 144.00 (143.70 to 144.70): BM004526.D (-1527) (-)

Ion 142.00 (141.70 to 142.70): BM004526.D (-1527) (-)





#50

Acenaphthene

Concen: 28.48 ng/ul

RT: 14.32 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

Instrument :

BNA_M

ClientSampleId :

H0075MS

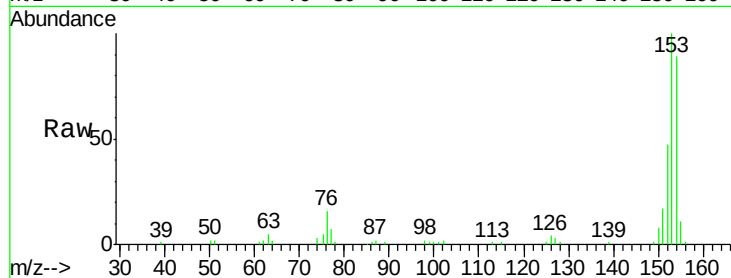
Tgt Ion:153 Resp: 97028

Ion Ratio Lower Upper

153 100

152 47.1 38.3 57.5

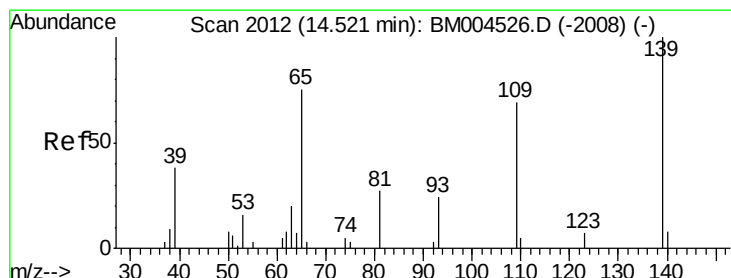
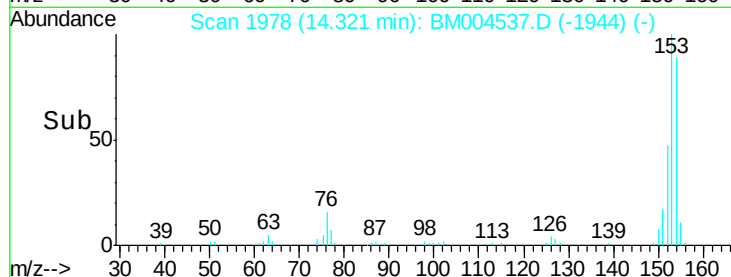
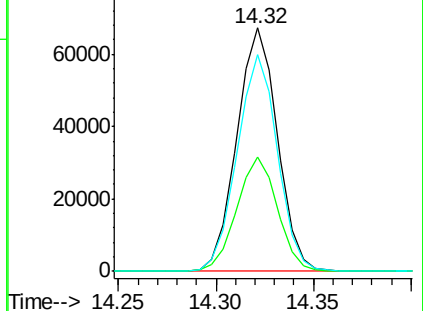
154 89.2 71.8 107.8



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: 2.64 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BM004537.D

Acq: 03 Mar 2016 17:49

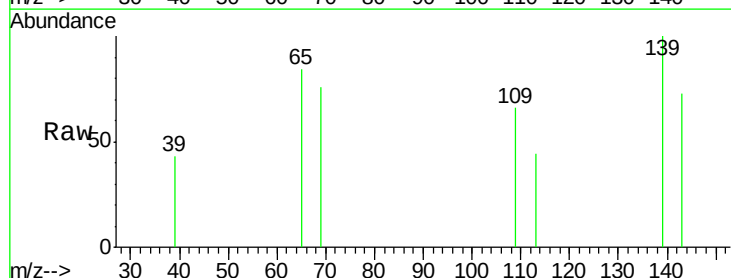
Tgt Ion:109 Resp: 1026

Ion Ratio Lower Upper

109 100

139 150.6 103.7 155.5

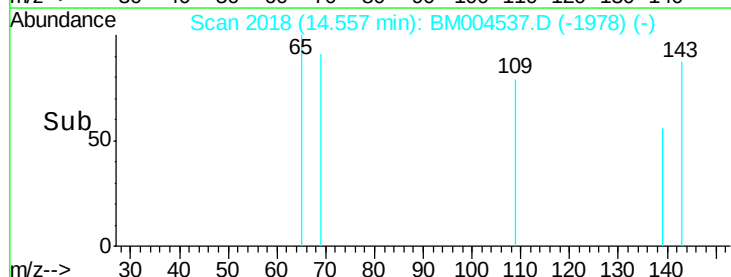
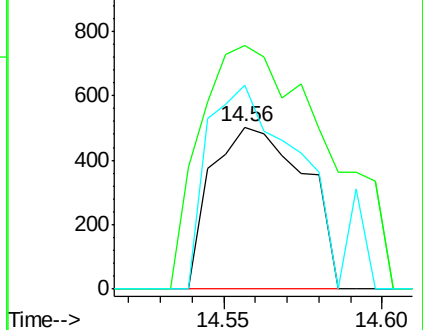
65 126.1 89.4 134.2

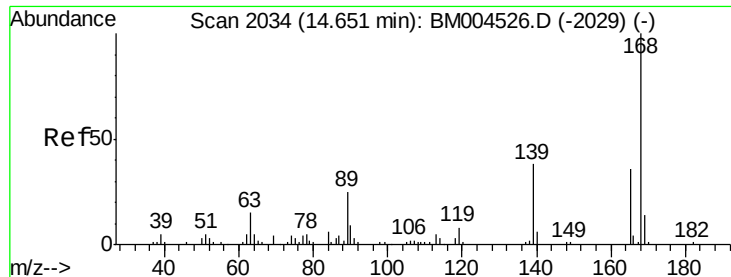


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

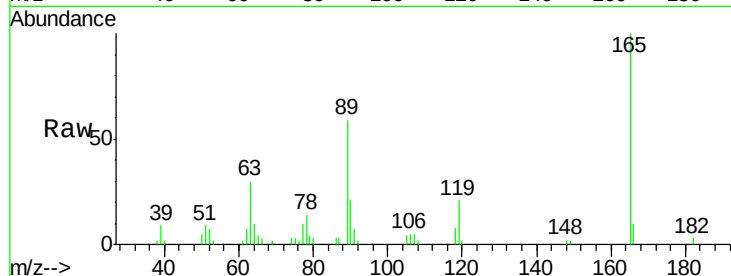




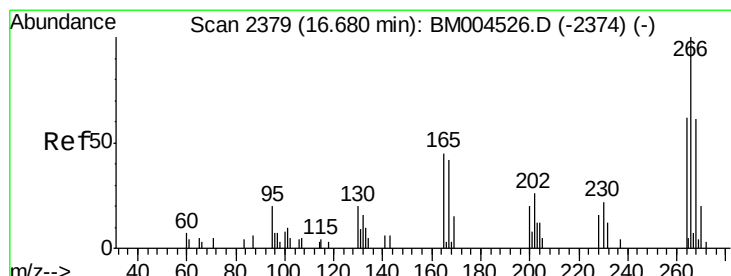
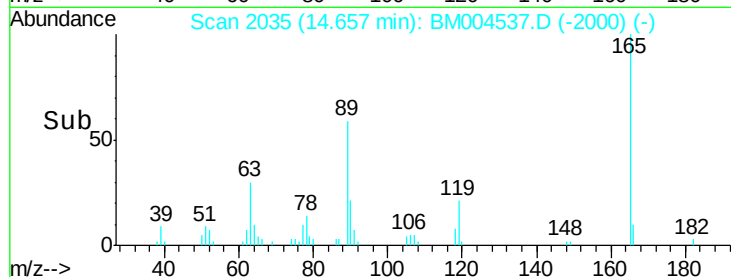
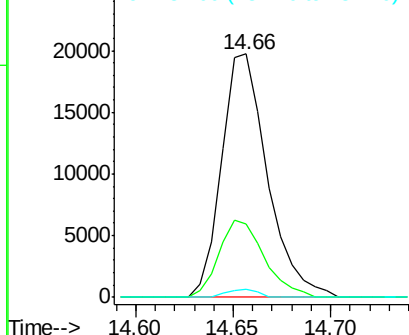
#55
 2,4-Dinitrotoluene
 Concen: 27.17 ng/ul
 RT: 14.66 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BM004537.D
 Acq: 03 Mar 2016 17:49

Instrument :
 BNA_M
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Tgt Ion:165 Resp: 32121
 Ion Ratio Lower Upper
 165 100
 63 30.2 29.8 44.6
 182 3.1 2.2 3.4

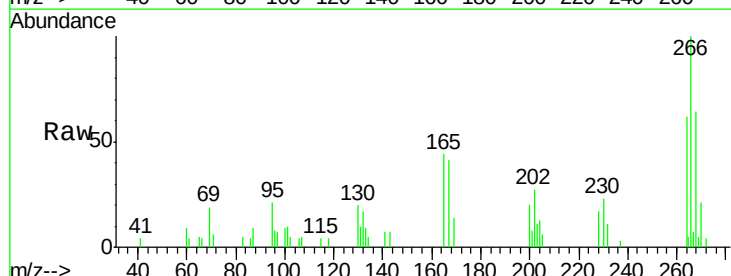


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 182.00 (181.70 to 182.70): E

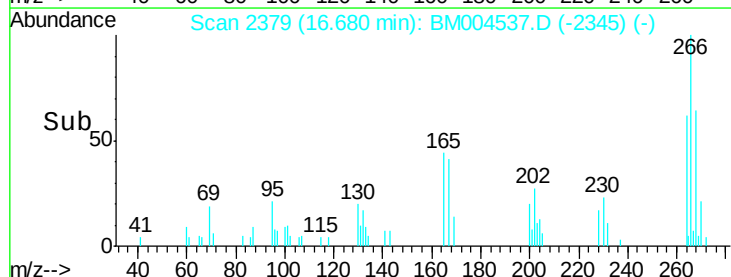
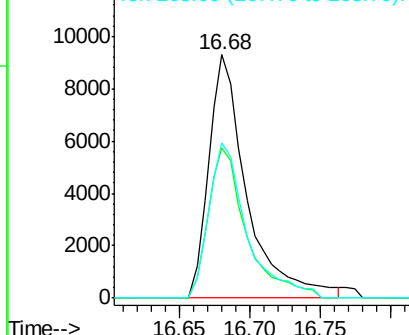


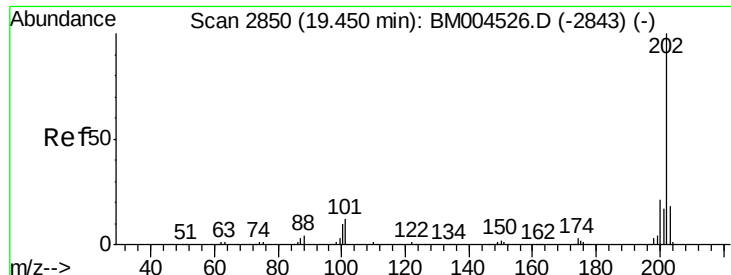
#69
 Pentachlorophenol
 Concen: 31.40 ng/ul
 RT: 16.68 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM004537.D
 Acq: 03 Mar 2016 17:49

Tgt Ion:266 Resp: 17535
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.5 75.7
 268 63.7 50.9 76.3



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: 26.00 ng/ul

RT: 19.45 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BM004537.D

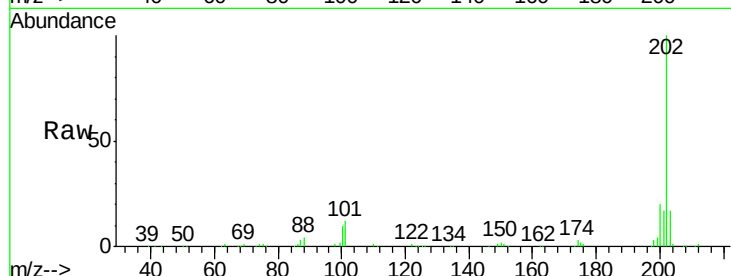
Acq: 03 Mar 2016 17:49

Instrument :

BNA_M

ClientSampleId :

H0075MS



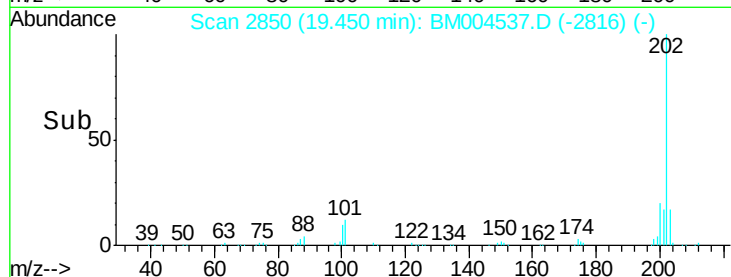
Tgt Ion: 202 Resp: 223193

Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.2

100 10.2 8.5 12.7



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

