

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004538.D
 Acq On : 03 Mar 2016 18:25
 Operator : SJ/UM
 Sample : H1584-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0075MSD

Quant Time: Mar 04 04:03:16 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	19042	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	81060	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	46309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	105301	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	119808	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	116298	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.79	99	8322	5.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	21006	27.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	30306	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	15582	11.52	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	18099	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	19965	28.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	31551	25.15	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.67	166	115933	30.10	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	137159	29.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	1728	3.04	ng/ul	0.04
58) Fluorene-d10	15.26	176	101342	30.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	16581	24.25	ng/ul	0.00
71) Anthracene-d10	17.11	188	159452	30.95	ng/ul	0.00
79) Pyrene-d10	19.42	212	177518	27.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	183740	29.70	ng/ul	0.00

Target Compounds

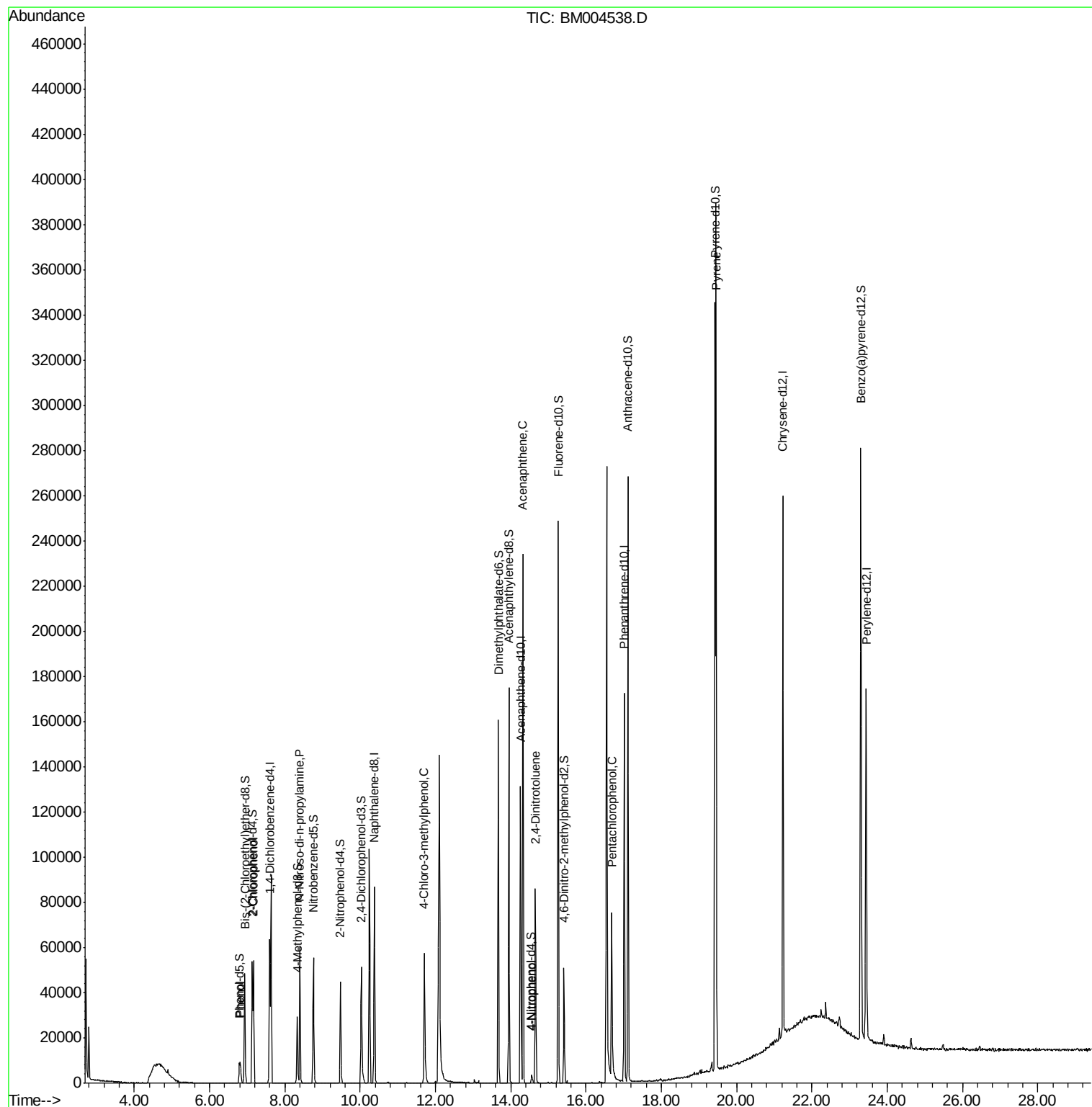
						Qvalue
6) Phenol	6.82	94	8806	5.43	ng/ul	95
10) 2-Chlorophenol	7.16	128	30469	21.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	25076	25.14	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	30551	21.05	ng/ul	97
50) Acenaphthene	14.32	153	100363	29.35	ng/ul	98
53) 4-Nitrophenol	14.56	109	927	2.37	ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	34261	28.87	ng/ul	89
69) Pentachlorophenol	16.68	266	19512	34.98	ng/ul	98
80) Pyrene	19.45	202	232403	26.73	ng/ul	100

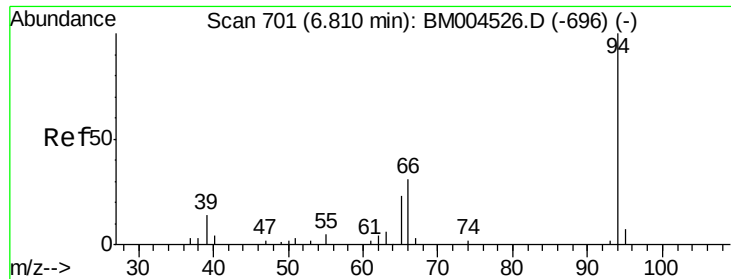
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.43 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.01 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

Instrument :

BNA_M

ClientSampleId :

H0075MSD

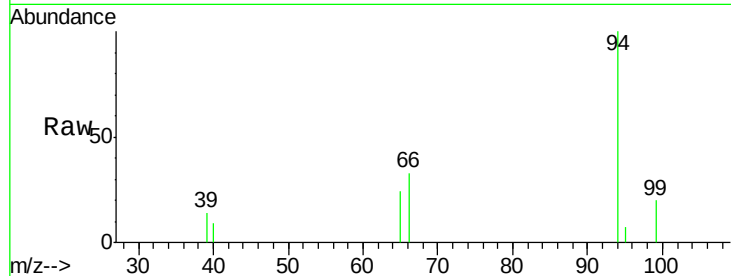
Tgt Ion: 94 Resp: 8806

Ion Ratio Lower Upper

94 100

65 23.9 21.0 31.6

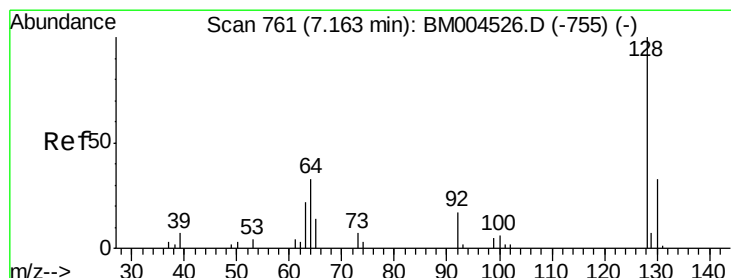
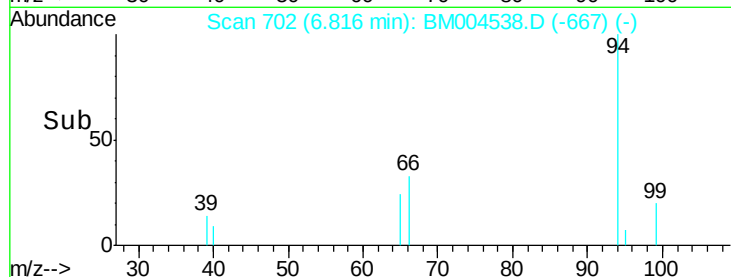
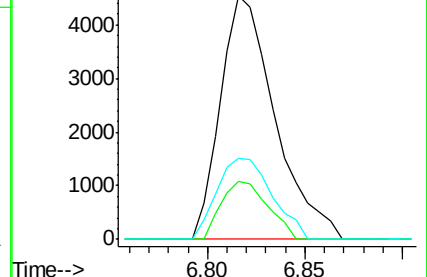
66 33.4 29.3 43.9



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: 21.33 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

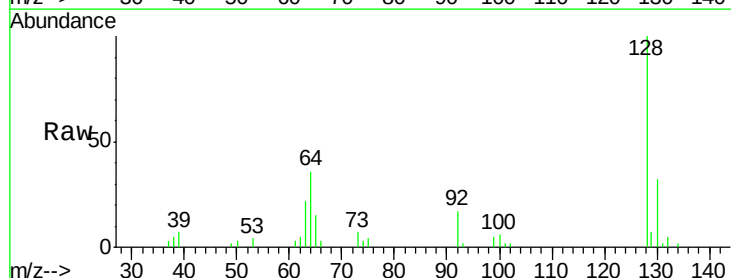
Tgt Ion: 128 Resp: 30469

Ion Ratio Lower Upper

128 100

64 36.3 31.9 47.9

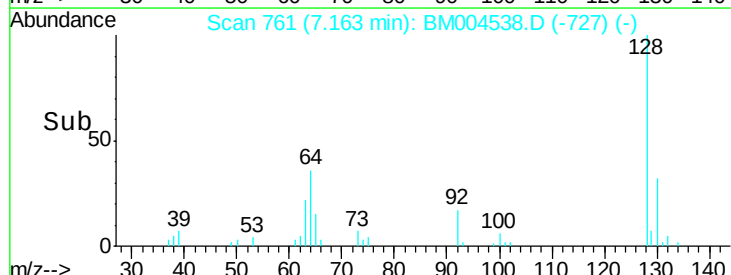
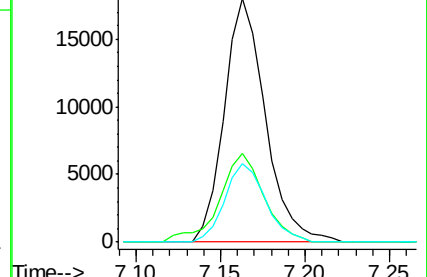
130 32.1 25.6 38.4

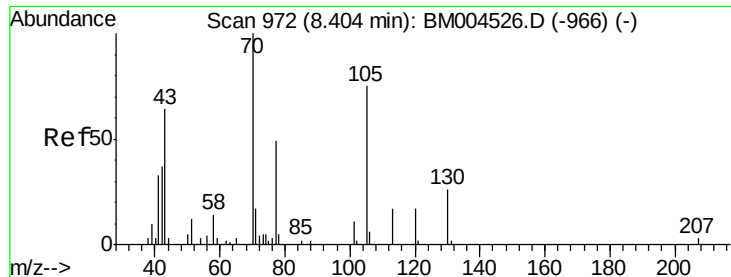


Abundance Ion 128.00 (127.70 to 128.70): BM004526.D (-755) (-)

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: 25.14 ng/ul

RT: 8.40 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

Instrument :

BNA_M

ClientSampleId :

H0075MSD

Tgt Ion: 70 Resp: 25076

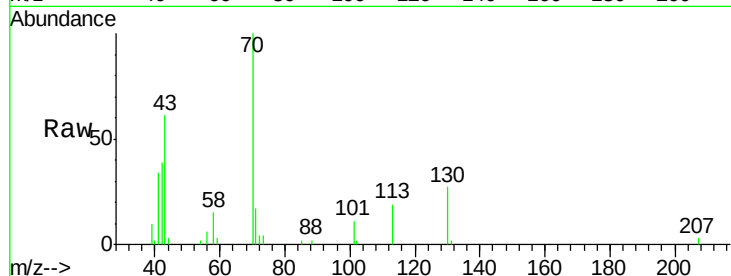
Ion Ratio Lower Upper

70 100

42 39.0 35.4 53.0

101 11.4 8.4 12.6

130 26.9 18.2 27.4



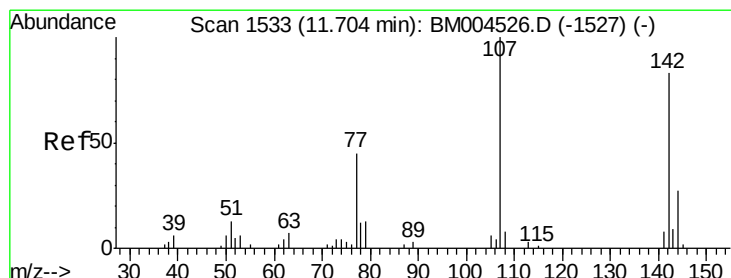
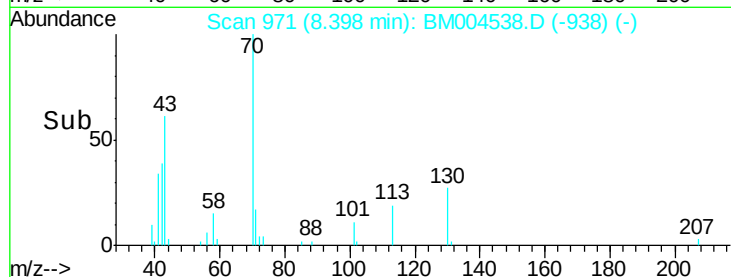
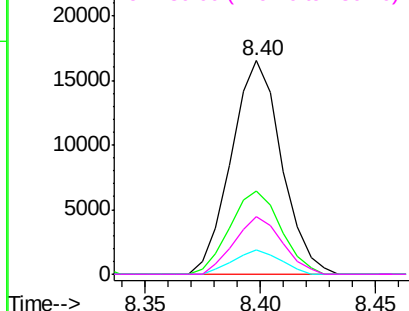
Abundance

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: 21.05 ng/ul

RT: 11.70 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

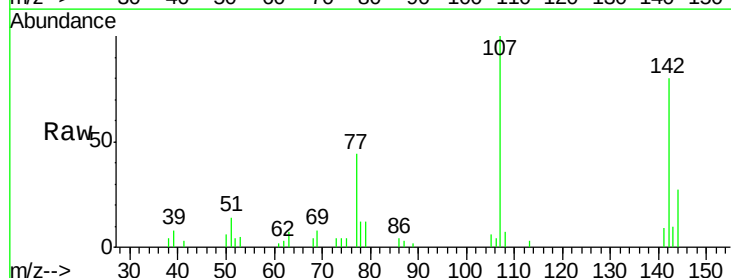
Tgt Ion: 107 Resp: 30551

Ion Ratio Lower Upper

107 100

144 27.5 20.4 30.6

142 80.1 62.5 93.7

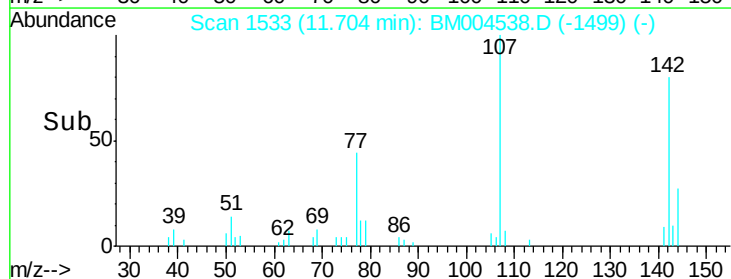
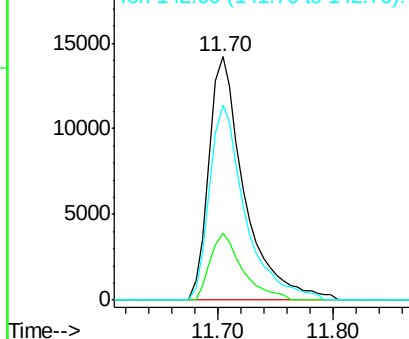


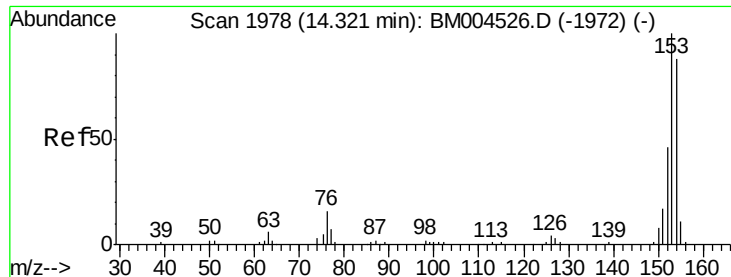
Abundance

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: 29.35 ng/ul

RT: 14.32 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

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H0075MSD

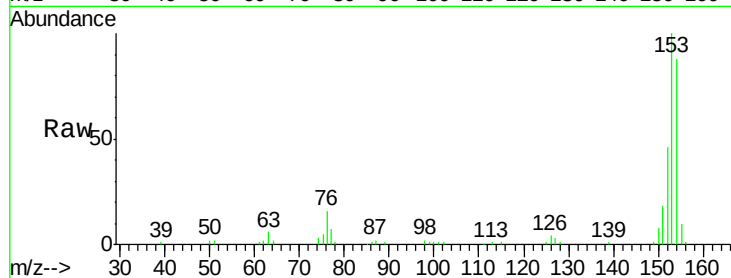
Tgt Ion:153 Resp: 100363

Ion Ratio Lower Upper

153 100

152 45.6 38.3 57.5

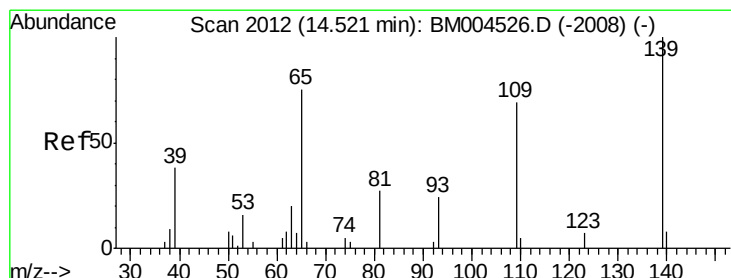
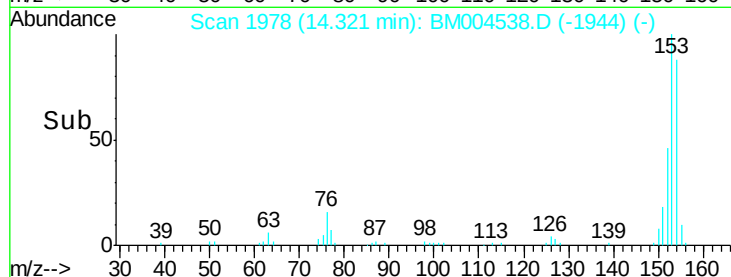
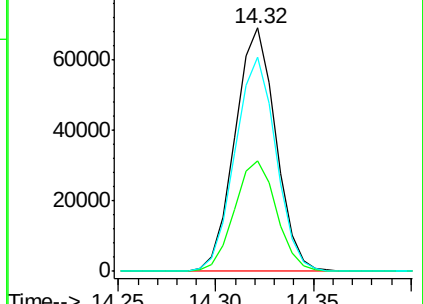
154 88.2 71.8 107.8



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: 2.37 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

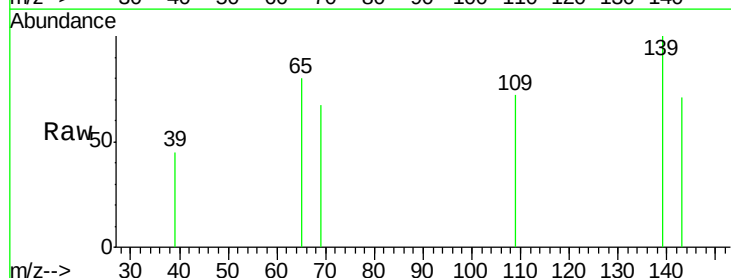
Tgt Ion:109 Resp: 927

Ion Ratio Lower Upper

109 100

139 138.2 103.7 155.5

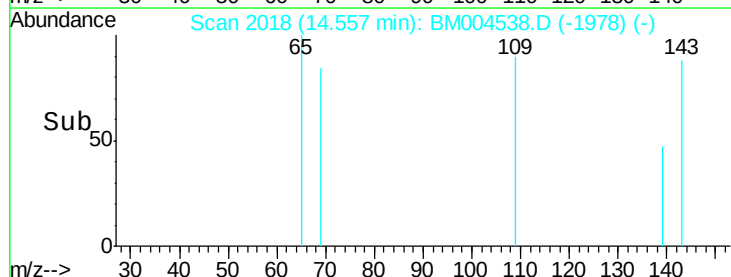
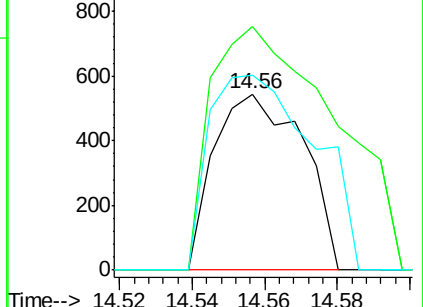
65 110.6 89.4 134.2

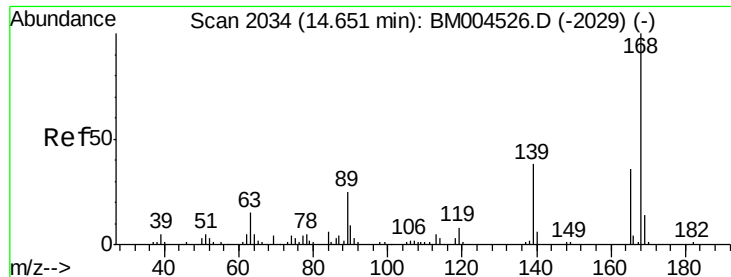


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

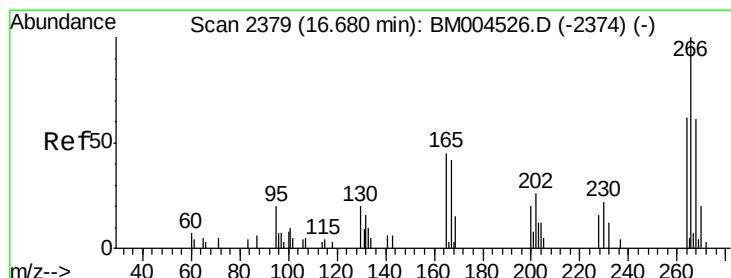
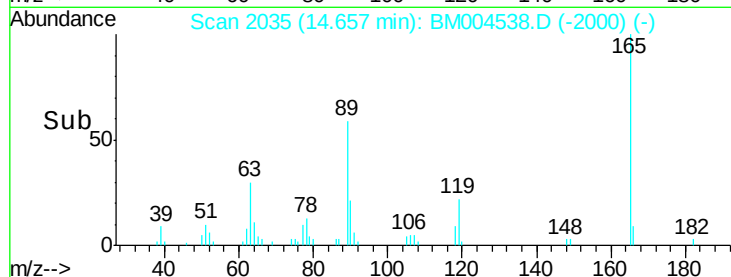
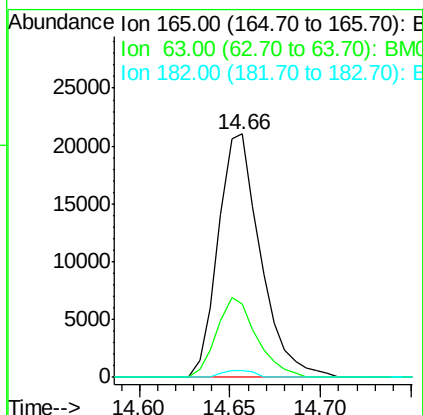
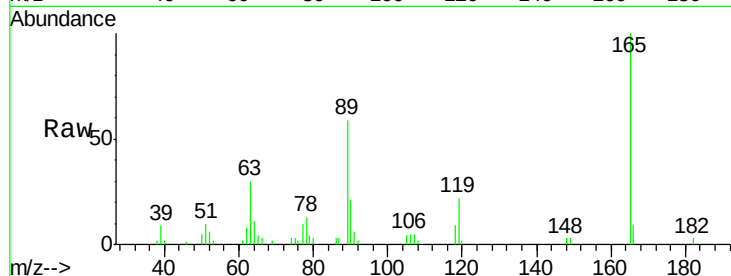




#55
 2,4-Dinitrotoluene
 Concen: 28.87 ng/ul
 RT: 14.66 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BM004538.D
 Acq: 03 Mar 2016 18:25

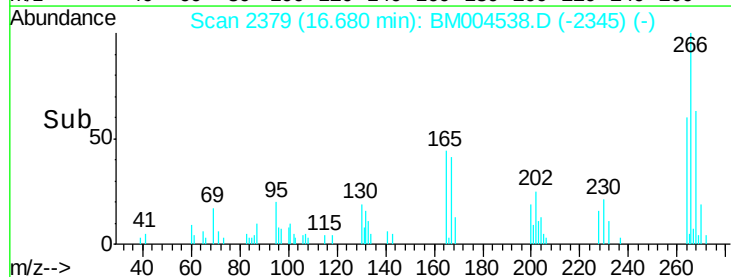
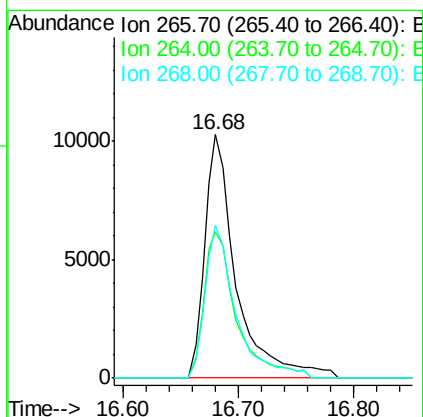
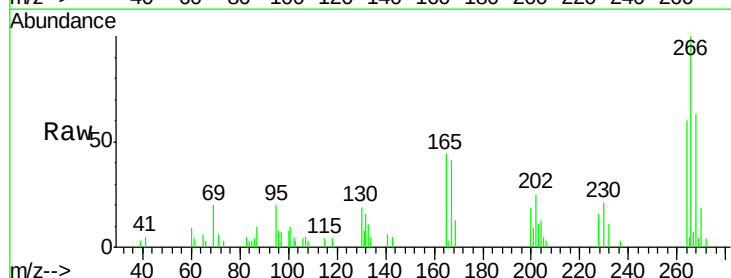
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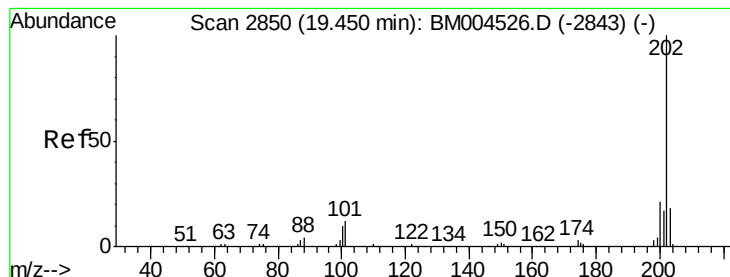
Tgt Ion:165 Resp: 34261
 Ion Ratio Lower Upper
 165 100
 63 30.3 29.8 44.6
 182 3.1 2.2 3.4



#69
 Pentachlorophenol
 Concen: 34.98 ng/ul
 RT: 16.68 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM004538.D
 Acq: 03 Mar 2016 18:25

Tgt Ion:266 Resp: 19512
 Ion Ratio Lower Upper
 266 100
 264 60.3 50.5 75.7
 268 62.6 50.9 76.3





#80

Pyrene

Concen: 26.73 ng/ul

RT: 19.45 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BM004538.D

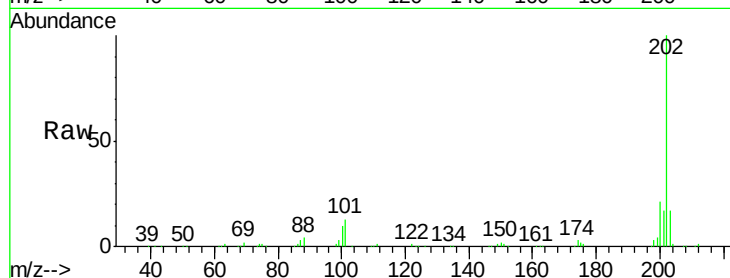
Acq: 03 Mar 2016 18:25

Instrument :

BNA_M

ClientSampleId :

H0075MSD



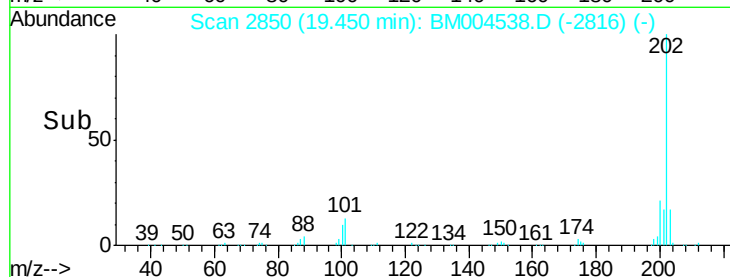
Tgt Ion: 202 Resp: 232403

Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

100 10.4 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

