

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052516\
 Data File : BM005646.D
 Acq On : 25 May 2016 20:37
 Operator : UM/SJ
 Sample : H2890-13MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT7MSD

Quant Time: May 26 00:31:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 25 19:26:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	164997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	810973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	496771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	979394	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	611184	20.00	ng/ul	0.02
83) Perylene-d12	23.66	264	675598	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	7424	1.97	ng/uL	0.00
5) Phenol-d5	6.97	99	229830	16.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	121867	15.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	182849	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	198712	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	92809	14.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	110784	16.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	205006	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	140430	10.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	665564	16.41	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	838553	16.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	108597	14.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	603602	17.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	77827	13.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	828705	17.76	ng/ul	0.00
76) Pyrene-d10	19.57	212	621997	22.47	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.51	264	533082	16.90	ng/ul	0.04

Target Compounds

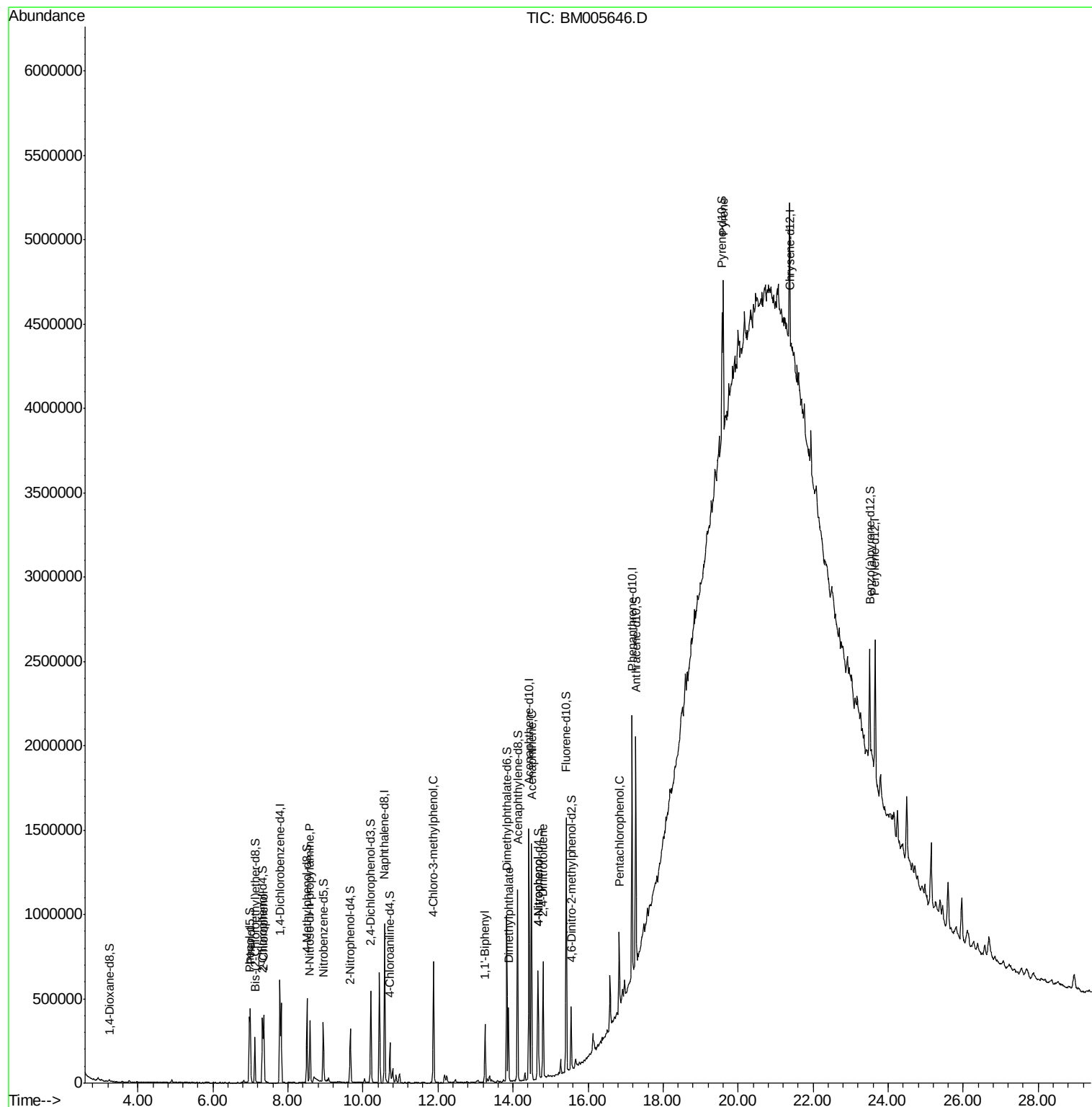
						Qvalue
6) Phenol	7.00	94	247163	17.74	ng/ul	92
10) 2-Chlorophenol	7.36	128	186047	16.43	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	142226	16.14	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	255143	18.38	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	181302	4.35	ng/ul	99
44) Dimethylphthalate	13.88	163	264437	6.60	ng/ul	100
49) Acenaphthene	14.49	153	566482	16.68	ng/ul	99
52) 4-Nitrophenol	14.67	109	86597	11.24	ng/ul#	85
54) 2,4-Dinitrotoluene	14.80	165	202443	17.12	ng/ul	98
68) Pentachlorophenol	16.83	266	94490	12.66	ng/ul	98
77) Pyrene	19.60	202	807806	22.99	ng/ul	97

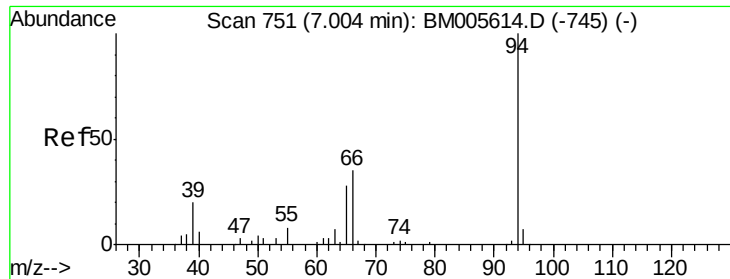
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 17.74 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.01 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

Instrument :

BNA_M

ClientSampleId :

D9WT7MSD

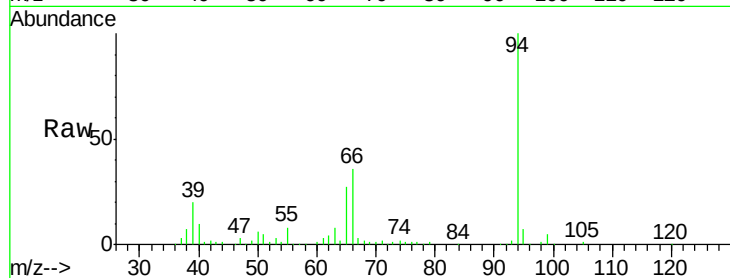
Tgt Ion: 94 Resp: 247163

Ion Ratio Lower Upper

94 100

65 27.5 24.2 36.2

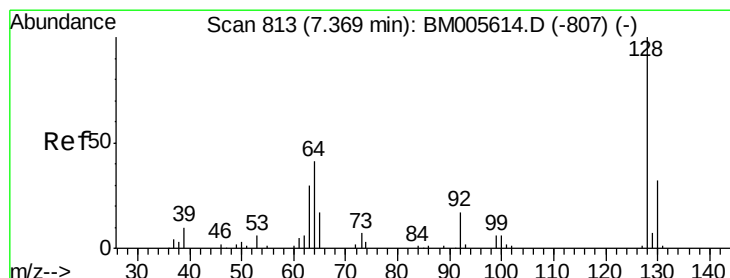
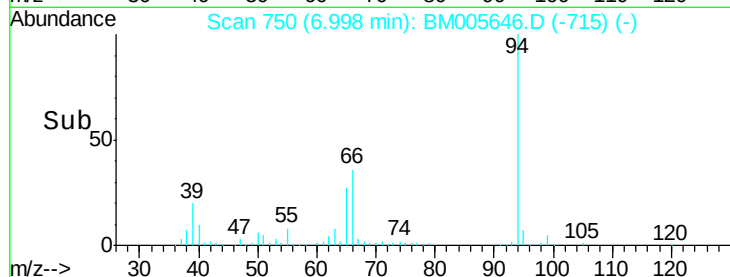
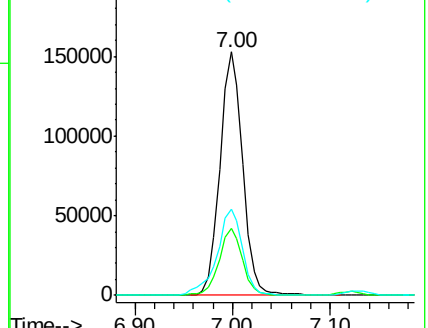
66 35.7 33.9 50.9



Abundance Ion 94.00 (93.70 to 94.70): BM005614.D (-745) (-)

Ion 65.00 (64.70 to 65.70): BM005614.D (-745) (-)

Ion 66.00 (65.70 to 66.70): BM005614.D (-745) (-)



#10

2-Chlorophenol

Concen: 16.43 ng/ul

RT: 7.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

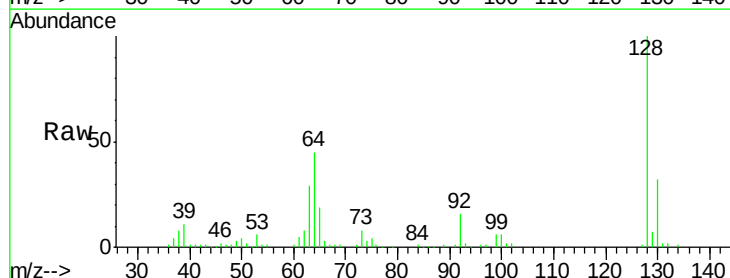
Tgt Ion: 128 Resp: 186047

Ion Ratio Lower Upper

128 100

64 44.7 37.3 55.9

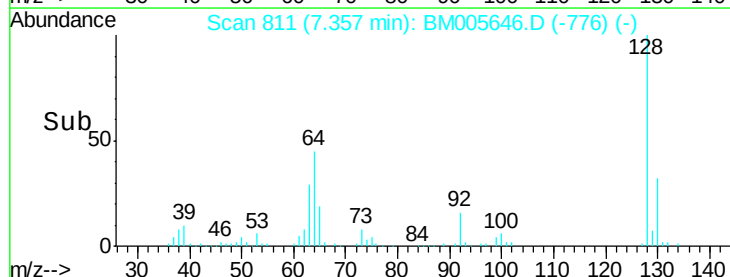
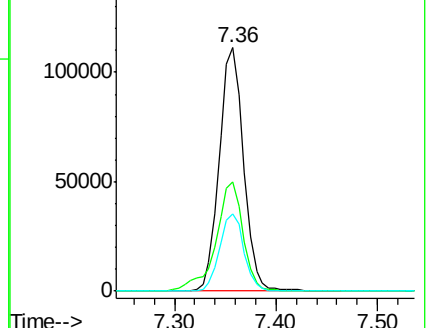
130 31.9 26.6 40.0

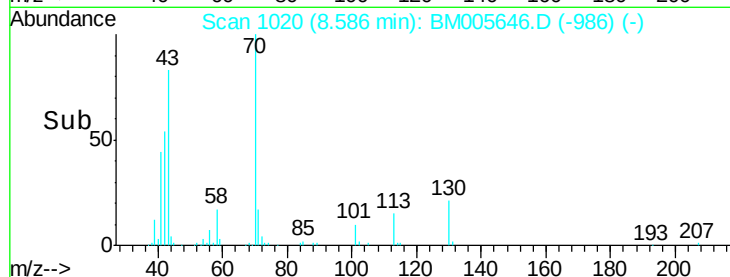
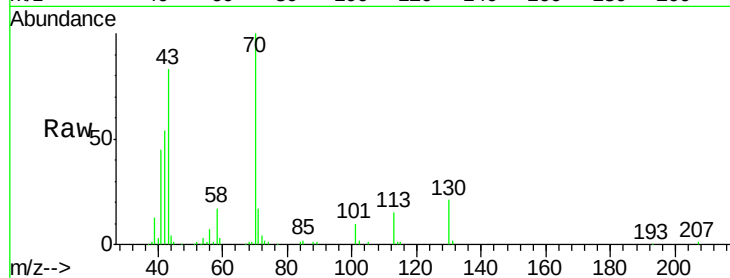
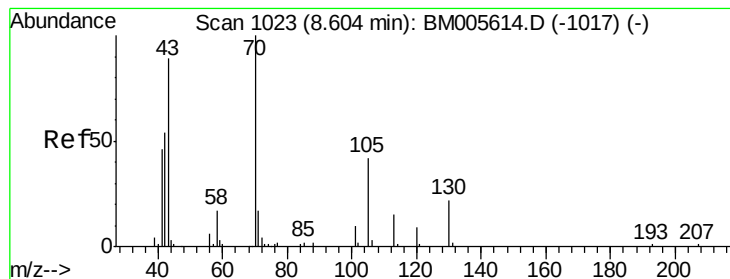


Abundance Ion 128.00 (127.70 to 128.70): BM005614.D (-807) (-)

Ion 64.00 (63.70 to 64.70): BM005614.D (-807) (-)

Ion 130.00 (129.70 to 130.70): BM005614.D (-807) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.14 ng/ul

RT: 8.59 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

Instrument :

BNA_M

ClientSampleId :

D9WT7MSD

Tgt Ion: 70 Resp: 142226

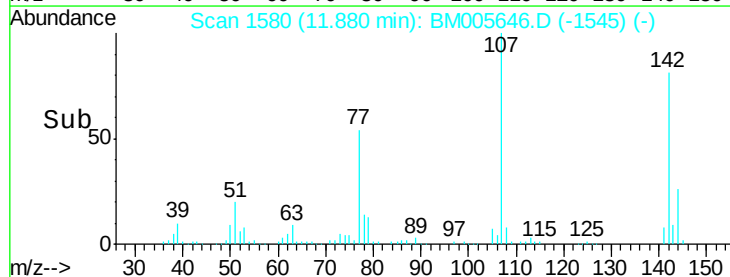
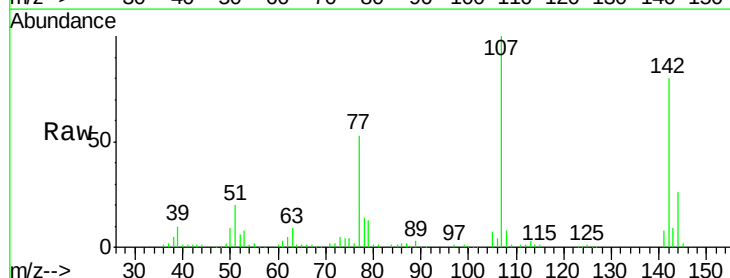
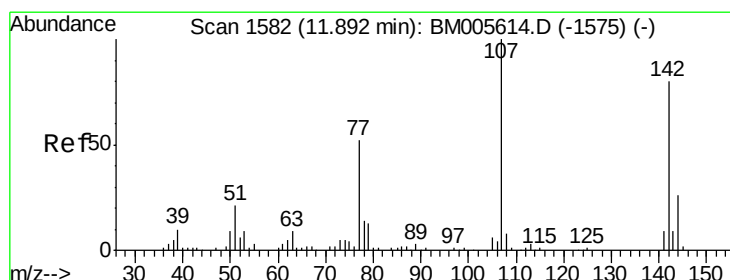
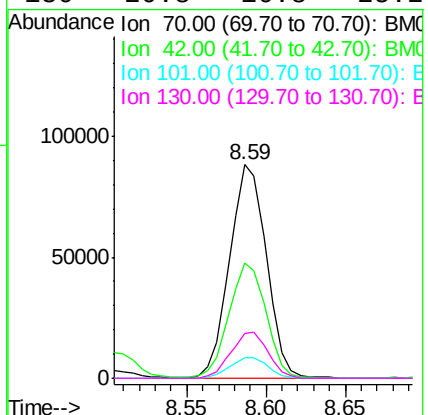
Ion Ratio Lower Upper

70 100

42 53.8 46.1 69.1

101 9.6 8.0 12.0

130 20.8 16.8 25.2



#33

4-Chloro-3-methylphenol

Concen: 18.38 ng/ul

RT: 11.88 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

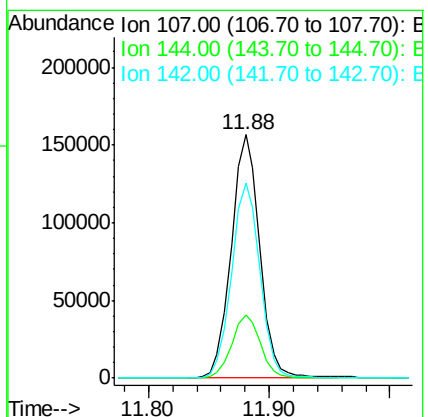
Tgt Ion: 107 Resp: 255143

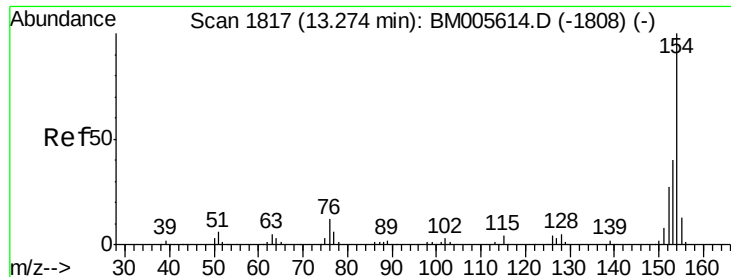
Ion Ratio Lower Upper

107 100

144 25.9 20.6 31.0

142 80.3 63.5 95.3

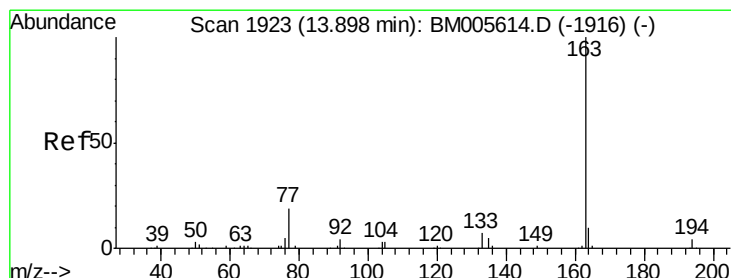
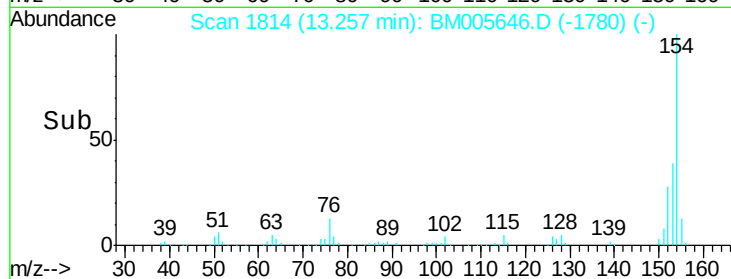
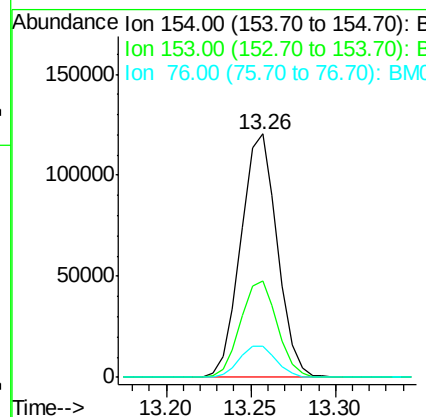
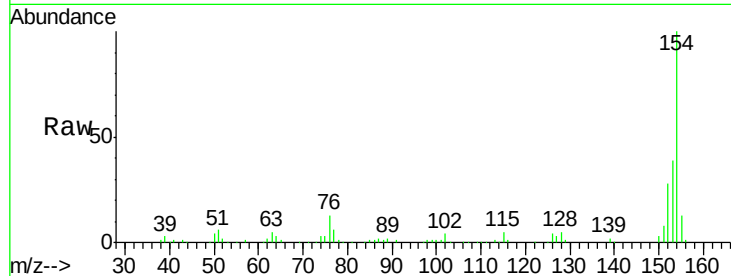




#40
 1,1'-Biphenyl
 Concen: 4.35 ng/ul
 RT: 13.26 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BM005646.D
 Acq: 25 May 2016 20:37

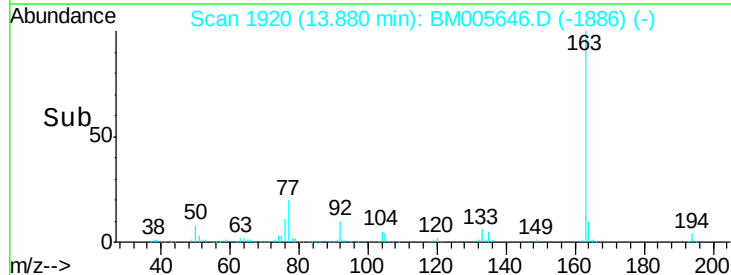
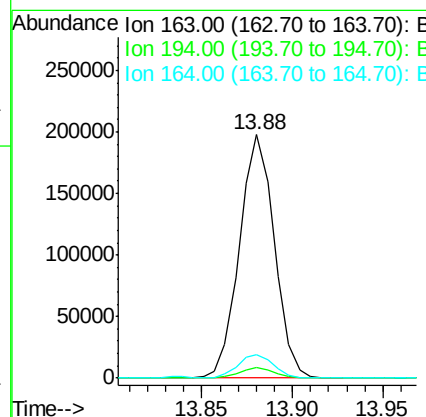
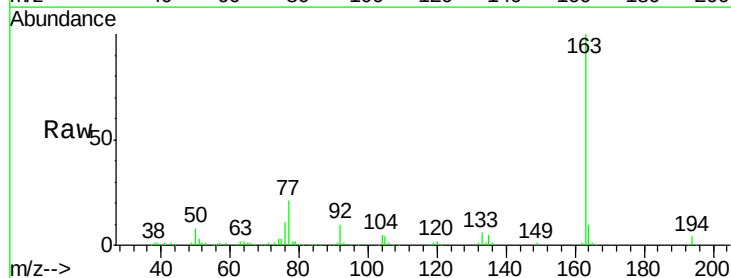
Instrument :
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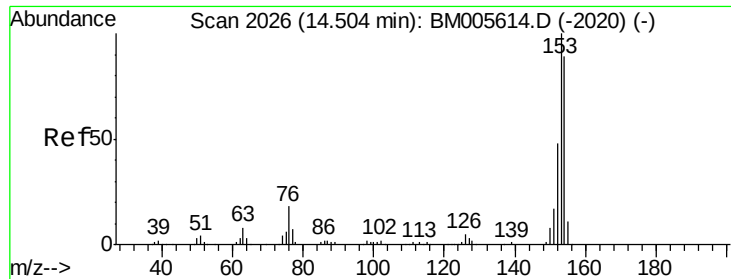
Tgt Ion:154 Resp: 181302
 Ion Ratio Lower Upper
 154 100
 153 39.4 31.7 47.5
 76 12.9 10.1 15.1



#44
 Dimethylphthalate
 Concen: 6.60 ng/ul
 RT: 13.88 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BM005646.D
 Acq: 25 May 2016 20:37

Tgt Ion:163 Resp: 264437
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 9.8 8.0 12.0





#49

Acenaphthene

Concen: 16.68 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

Instrument :

BNA_M

ClientSampleId :

D9WT7MSD

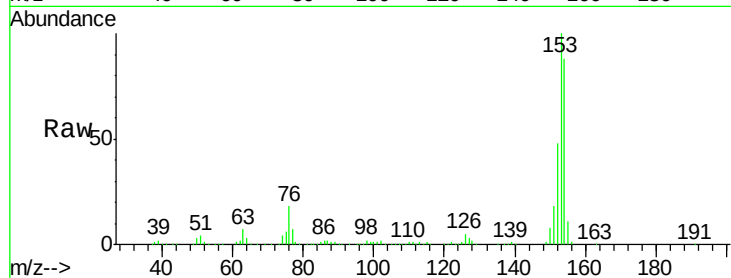
Tgt Ion:153 Resp: 566482

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

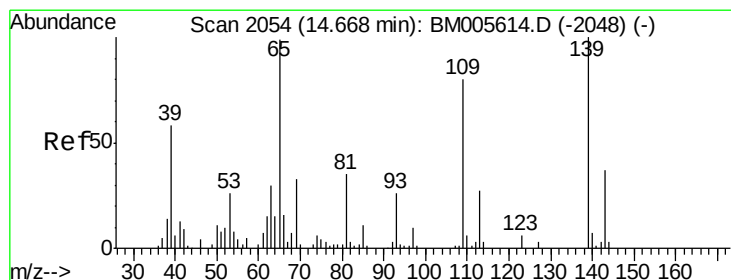
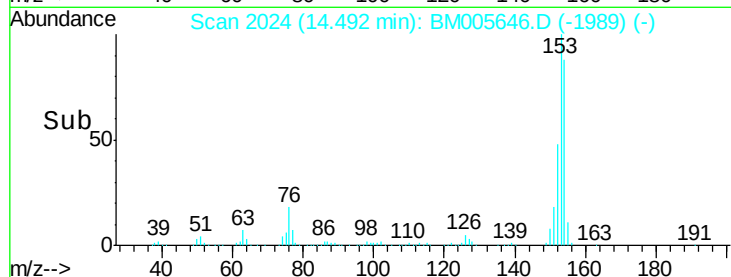
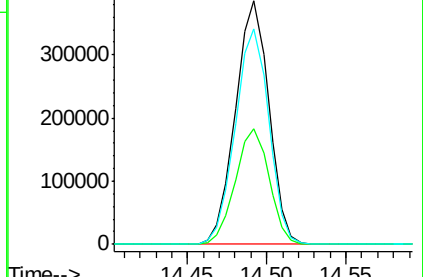
154 88.5 71.1 106.7



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: 11.24 ng/ul

RT: 14.67 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BM005646.D

Acq: 25 May 2016 20:37

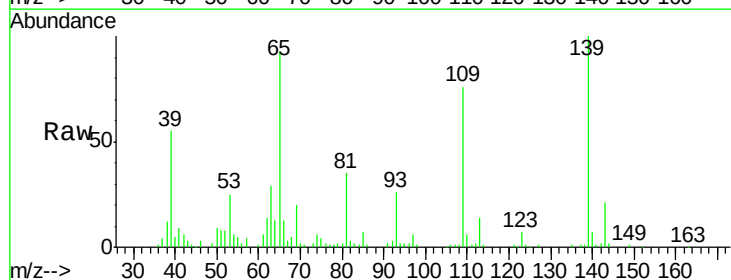
Tgt Ion:109 Resp: 86597

Ion Ratio Lower Upper

109 100

139 132.1 87.5 131.3#

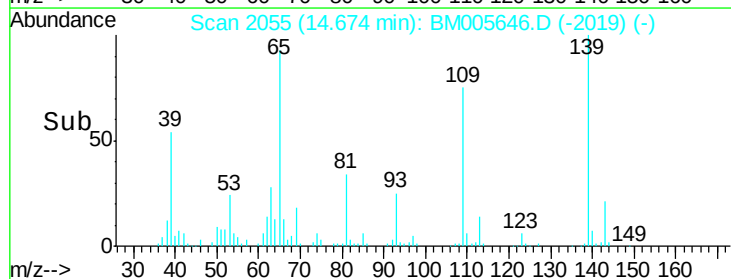
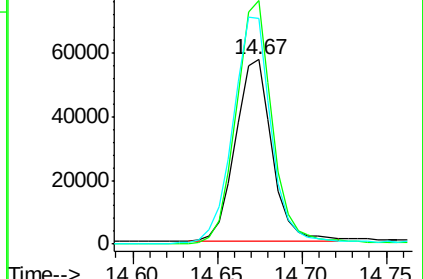
65 122.7 90.2 135.2

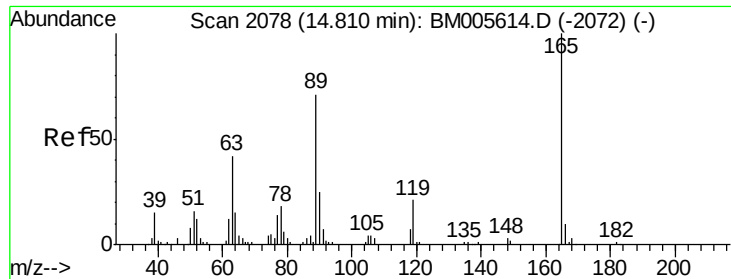


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

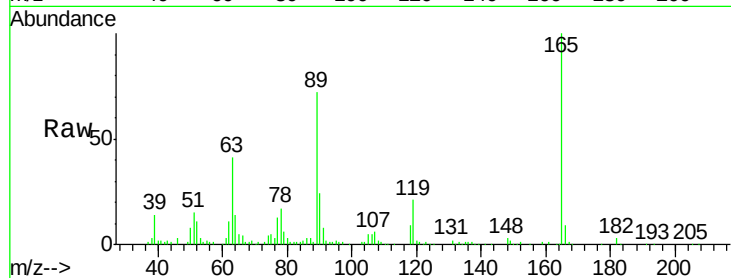




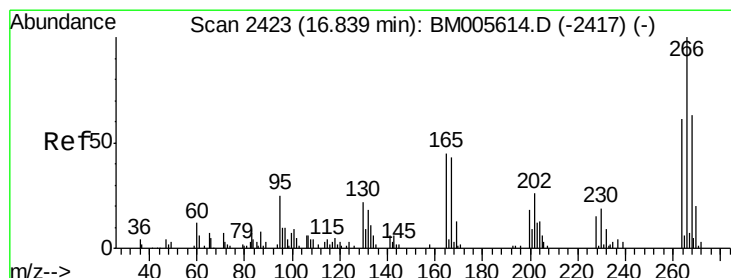
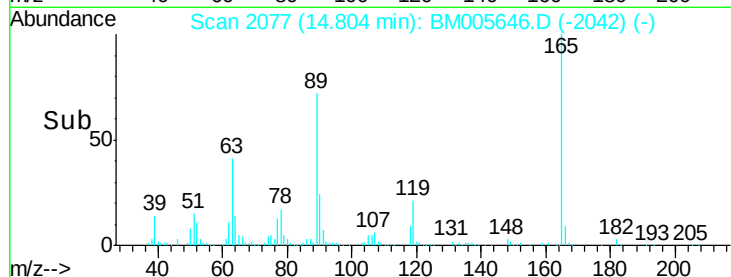
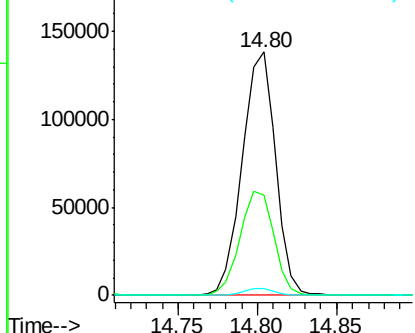
#54
 2,4-Dinitrotoluene
 Concen: 17.12 ng/ul
 RT: 14.80 min Scan# 2077
 Delta R.T. 0.01 min
 Lab File: BM005646.D
 Acq: 25 May 2016 20:37

Instrument :
 BNA_M
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Tgt Ion:165 Resp: 202443
 Ion Ratio Lower Upper
 165 100
 63 41.0 33.9 50.9
 182 2.8 2.3 3.5

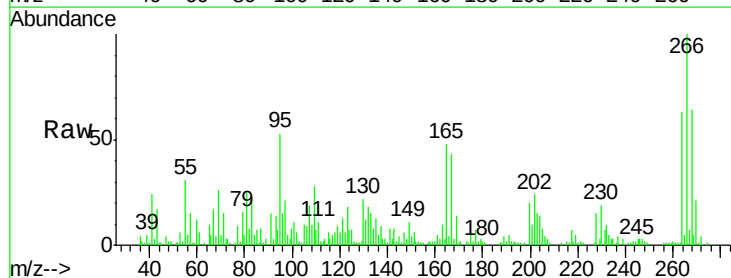


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM005646.D (-2072) (-)
 Ion 182.00 (181.70 to 182.70): E

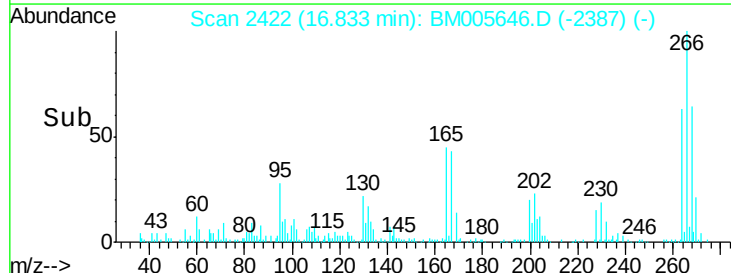
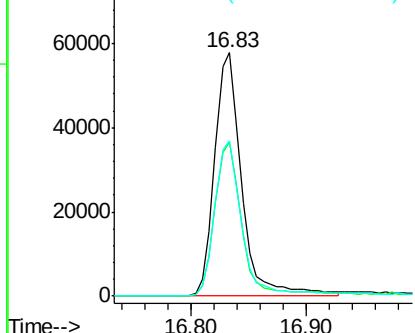


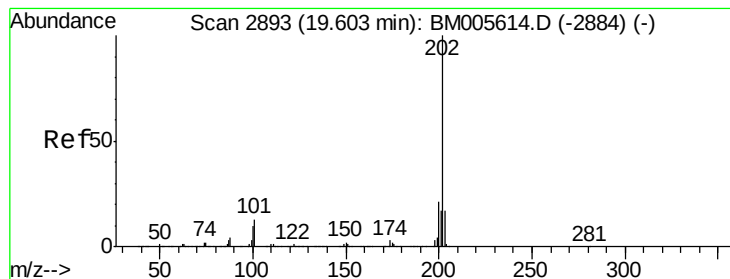
#68
 Pentachlorophenol
 Concen: 12.66 ng/ul
 RT: 16.83 min Scan# 2422
 Delta R.T. 0.01 min
 Lab File: BM005646.D
 Acq: 25 May 2016 20:37

Tgt Ion:266 Resp: 94490
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.9 76.3
 268 63.8 52.8 79.2



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: 22.99 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. 0.02 min

Lab File: BM005646.D

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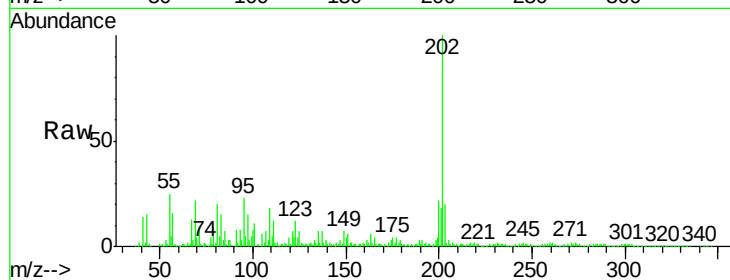
Tgt Ion: 202 Resp: 807806

Ion Ratio Lower Upper

202 100

101 10.7 9.6 14.4

100 8.4 7.8 11.6



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

