

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041917\
 Data File : BM009677.D
 Acq On : 19 Apr 2017 20:03
 Operator : SJ/MA
 Sample : I2691-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 04:42:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 04:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	184343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	701607	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	366828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	839269	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1042505	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1037694	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	16636	3.32	ng/uL	0.00
5) Phenol-d5	6.99	99	367447	21.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	253825	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	262919	22.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	281785	22.70	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	132035	24.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	139525	24.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	257940	22.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	280565	24.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	731377	24.72	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	937252	25.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	116524	21.94	ng/ul	0.00
57) Fluorene-d10	15.47	176	679501	26.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	76222	14.25	ng/ul	0.00
70) Anthracene-d10	17.33	188	1057706	26.02	ng/ul	0.00
76) Pyrene-d10	19.62	212	1206703	26.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1240369	26.43	ng/ul	0.00

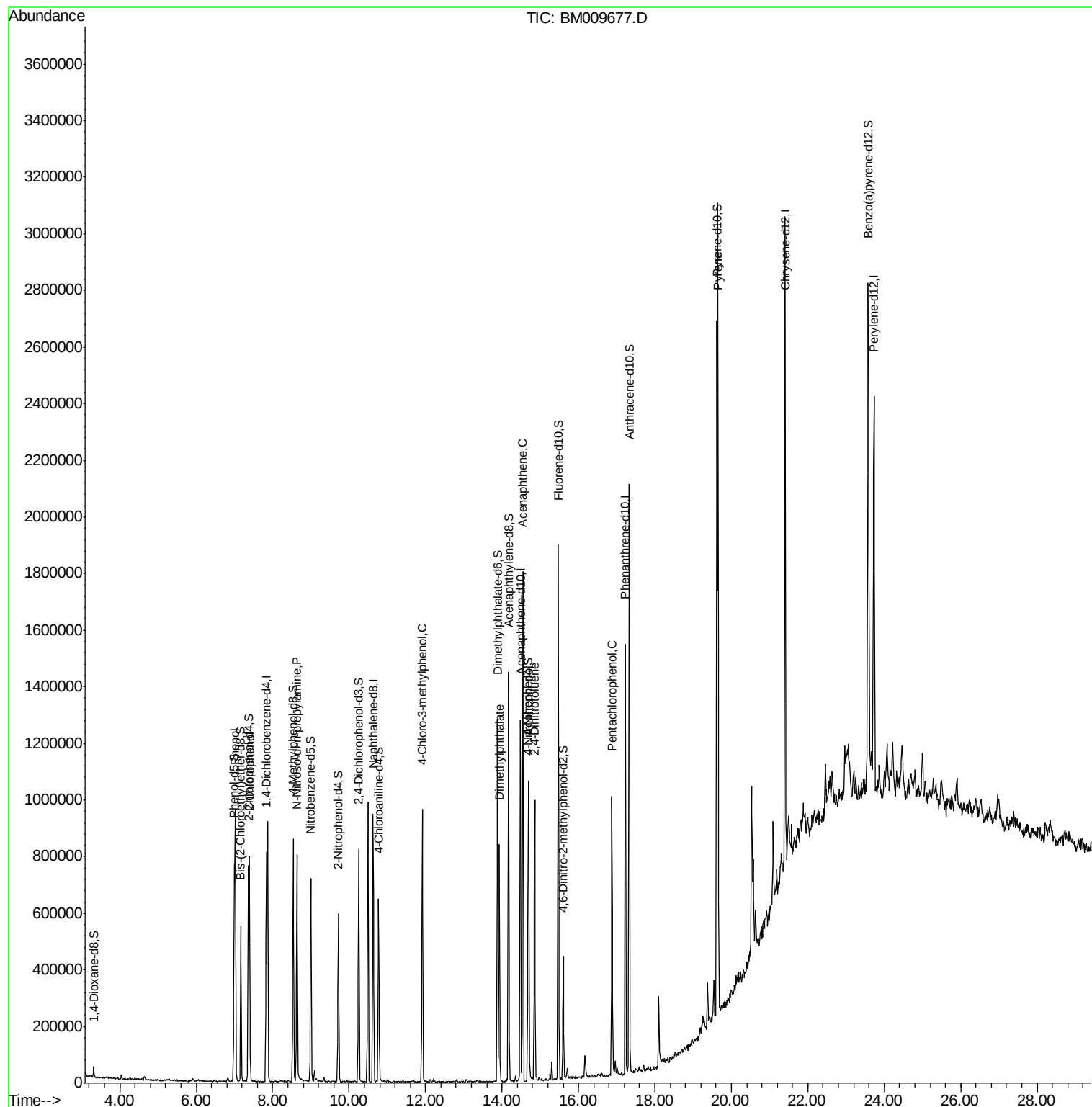
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.02	94	428855	23.64	ng/ul#	64
10) 2-Chlorophenol	7.39	128	276626	22.67	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.64	70	270898	21.60	ng/ul#	83
33) 4-Chloro-3-methylphenol	11.91	107	307018	24.01	ng/ul#	86
44) Dimethylphthalate	13.93	163	454148	15.27	ng/ul	98
49) Acenaphthene	14.55	153	661606	26.17	ng/ul	96
52) 4-Nitrophenol	14.70	109	135581	21.87	ng/ul#	63
54) 2,4-Dinitrotoluene	14.86	165	223041	25.35	ng/ul#	62
68) Pentachlorophenol	16.87	266	154609	23.68	ng/ul	90
77) Pyrene	19.65	202	1601581	27.05	ng/ul#	88

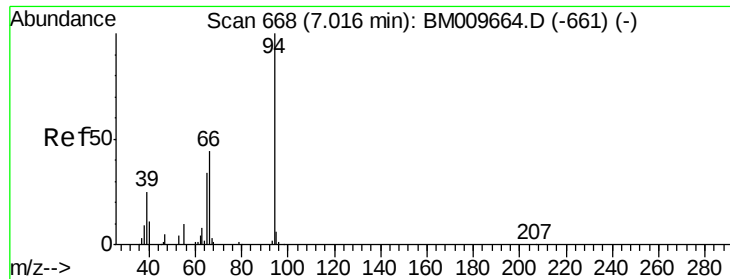
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 23.64 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_M

ClientSampleId :

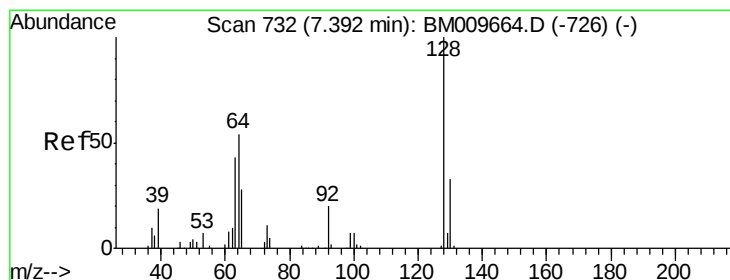
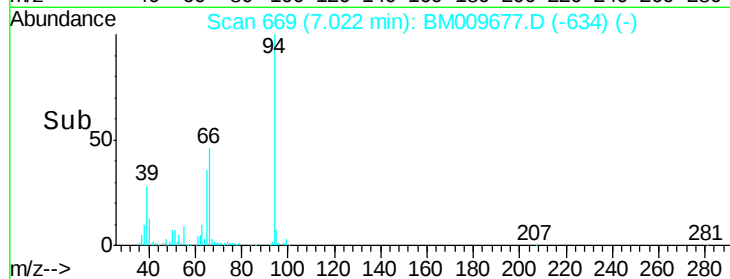
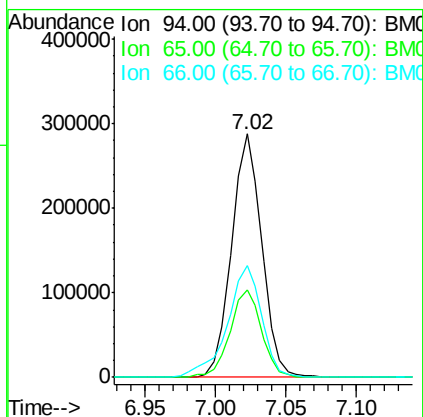
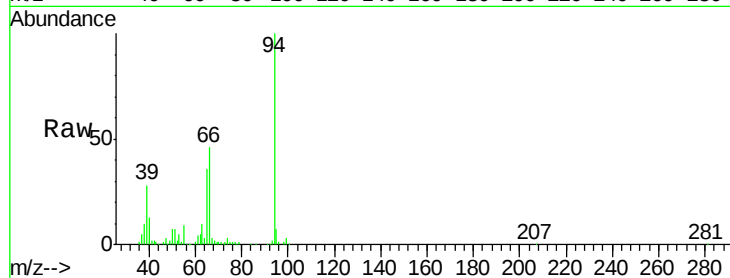
Tot Ion: 94 Resp: 428855

Ion Ratio Lower Upper

94 100

65 35.7 39.8 59.6#

66 45.8 69.9 104.9#



#10

2-Chlorophenol

Concen: 22.67 ng/ul

RT: 7.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

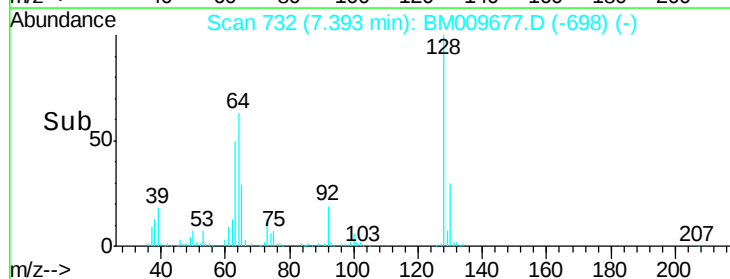
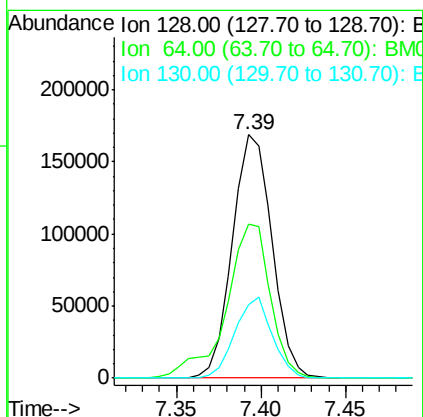
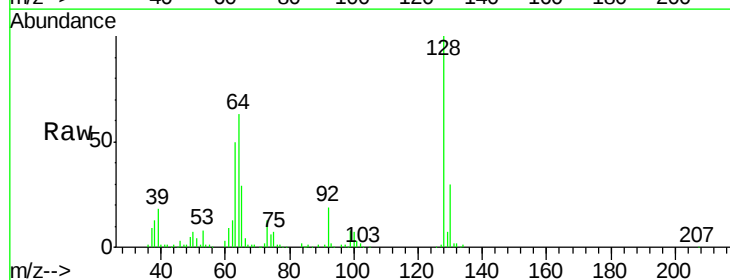
Tgt Ion: 128 Resp: 276626

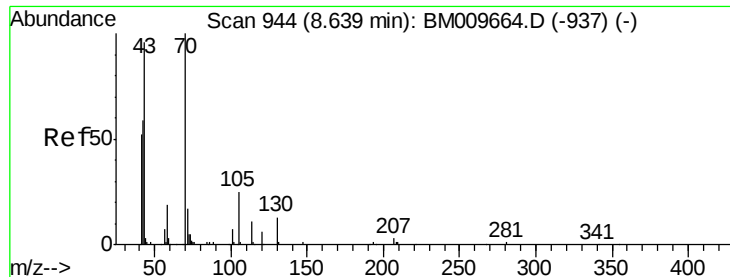
Ion Ratio Lower Upper

128 100

64 63.1 76.6 115.0#

130 30.0 26.5 39.7





#15

N-Nitroso-di-n-propylamine

Concen: 21.60 ng/ul

RT: 8.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 270898

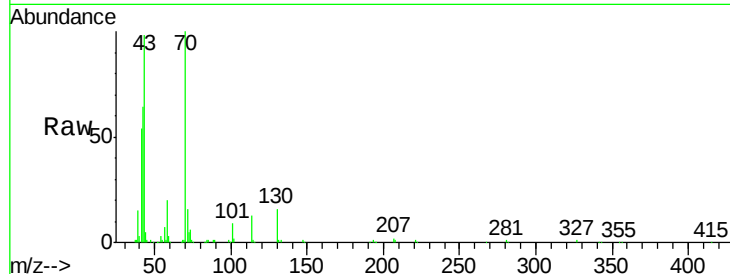
Ion Ratio Lower Upper

70 100

42 64.4 64.2 96.2

101 9.1 5.1 7.7#

130 16.3 8.3 12.5#

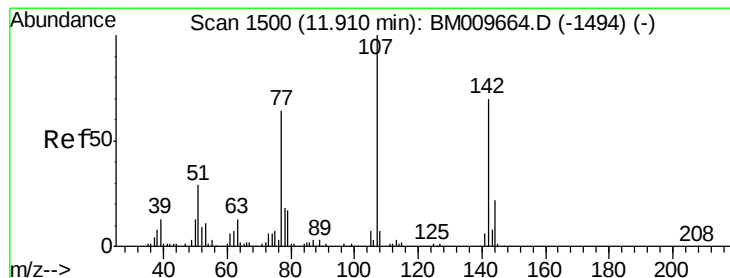
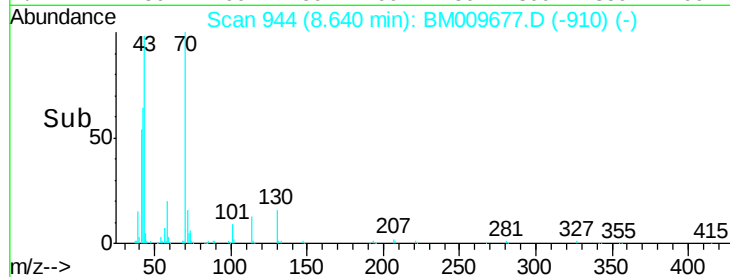
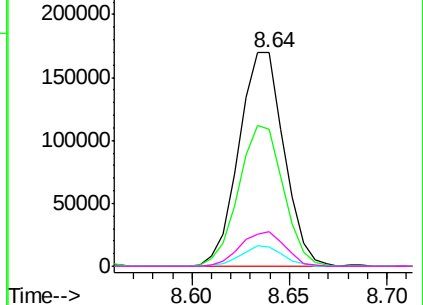


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 24.01 ng/ul

RT: 11.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

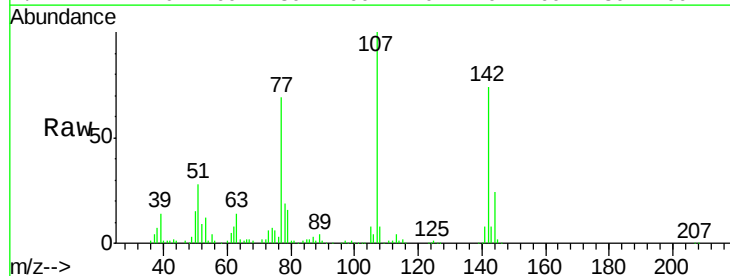
Tgt Ion:107 Resp: 307018

Ion Ratio Lower Upper

107 100

144 24.5 14.4 21.6#

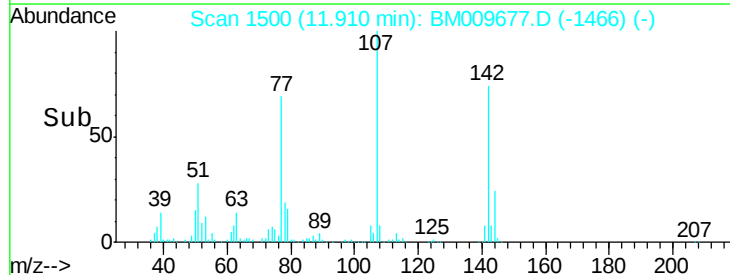
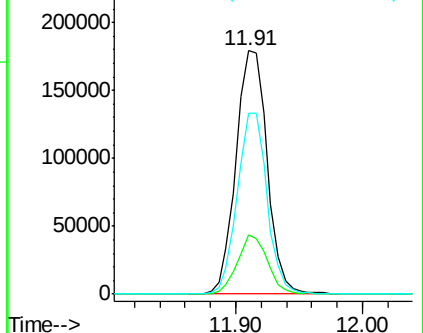
142 74.4 50.7 76.1

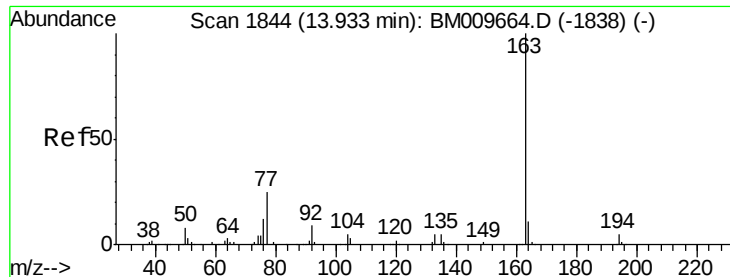


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 15.27 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_M

ClientSampleId :

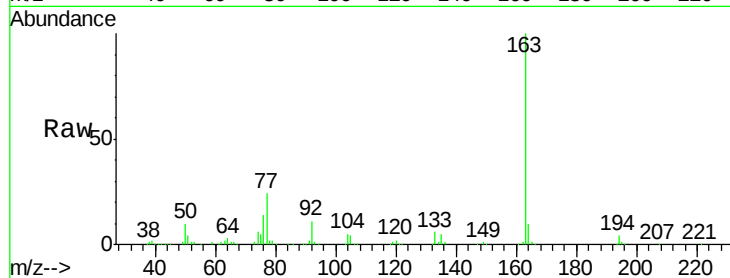
Tot Ion:163 Resp: 454148

Ion Ratio Lower Upper

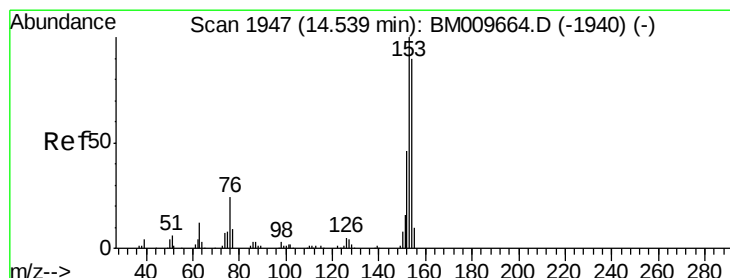
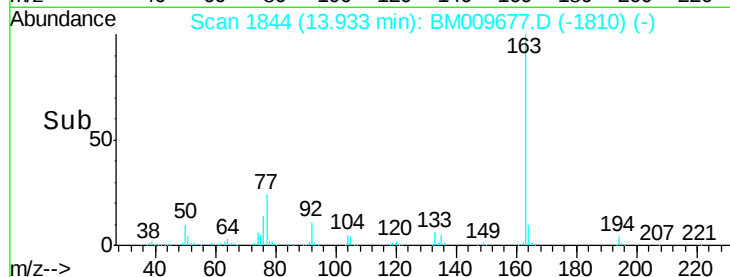
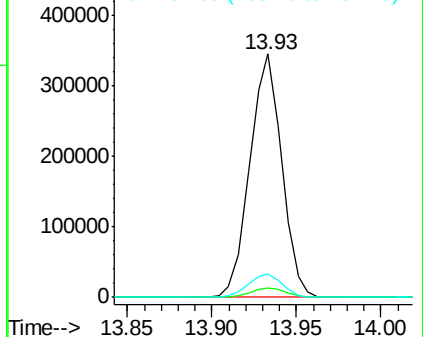
163 100

194 3.8 3.0 4.6

164 9.7 8.6 12.8



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



#49

Acenaphthene

Concen: 26.17 ng/ul

RT: 14.55 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

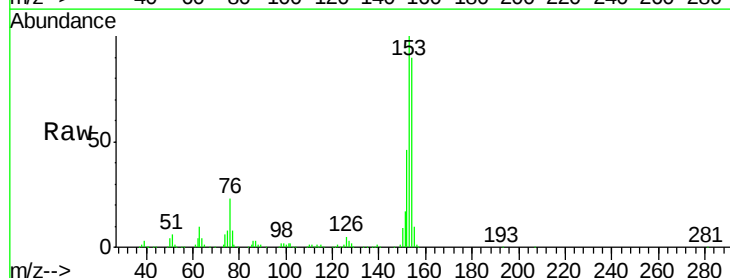
Tgt Ion:153 Resp: 661606

Ion Ratio Lower Upper

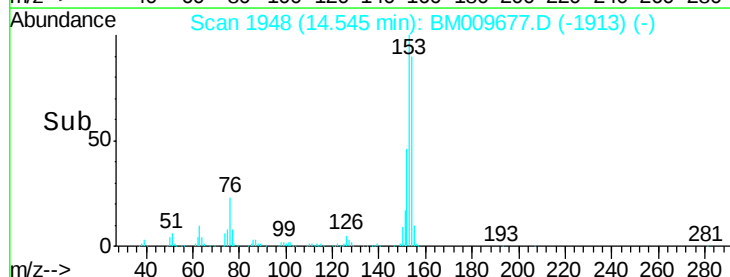
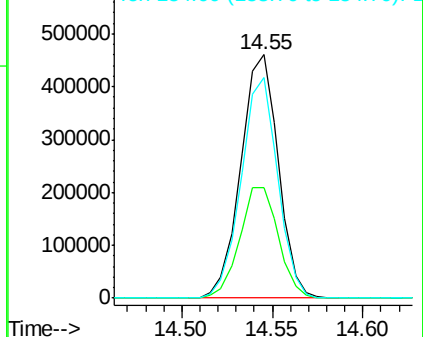
153 100

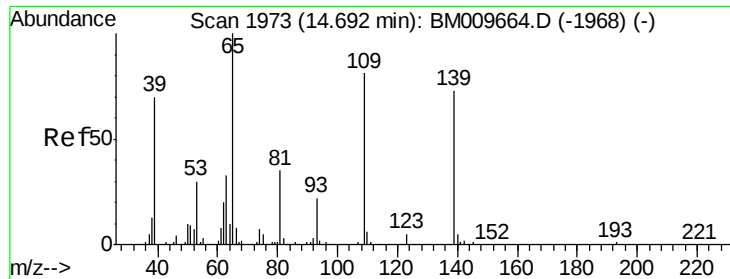
152 45.5 36.7 55.1

154 90.3 68.3 102.5



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: 21.87 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_M

ClientSampleId :

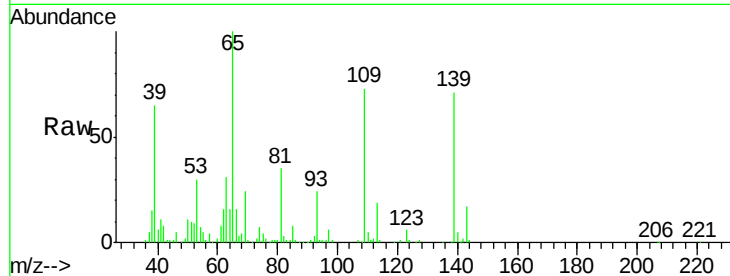
Tot Ion:109 Resp: 135581

Ion Ratio Lower Upper

109 100

139 96.4 33.9 50.9#

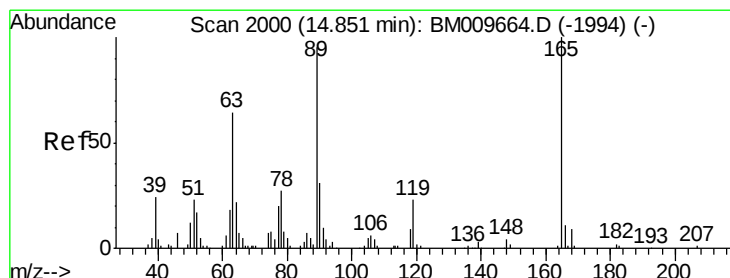
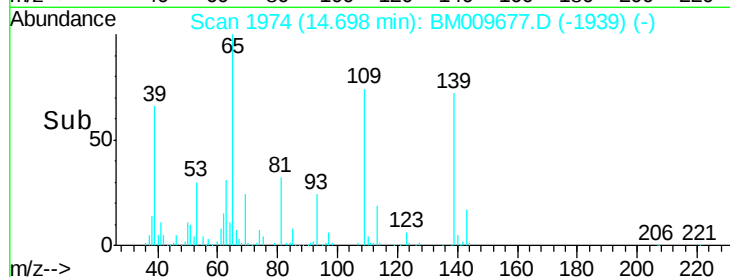
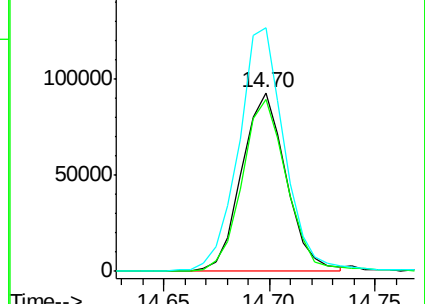
65 136.3 92.2 138.2



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: 25.35 ng/ul

RT: 14.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BM009677.D

Acq: 19 Apr 2017 20:03

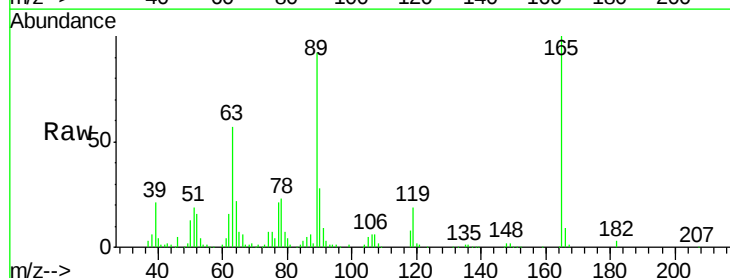
Tgt Ion:165 Resp: 223041

Ion Ratio Lower Upper

165 100

63 56.6 75.7 113.5#

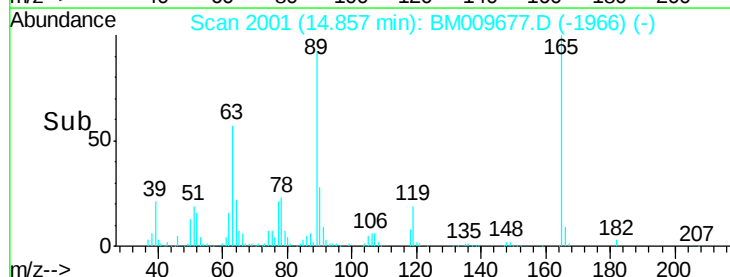
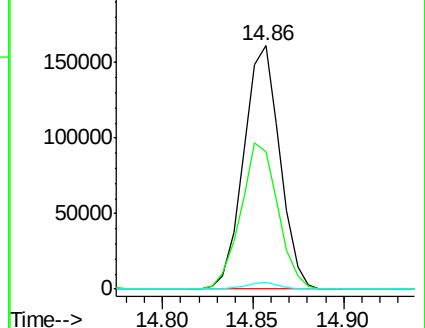
182 2.7 1.7 2.5#

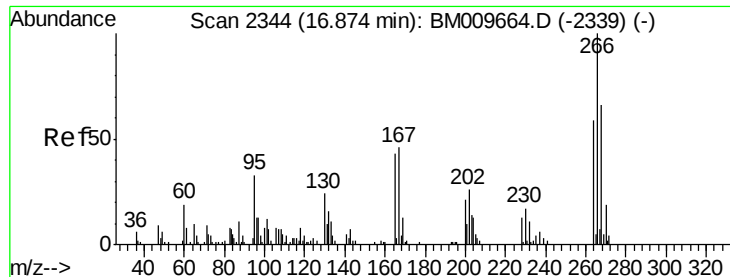


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

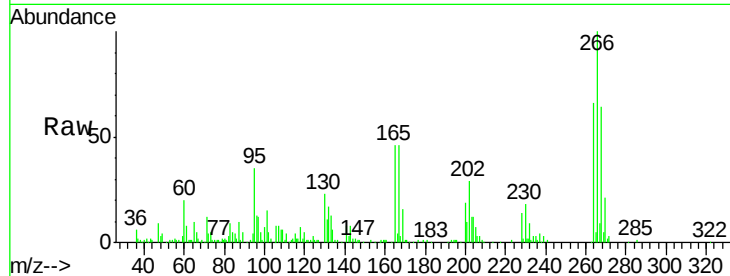




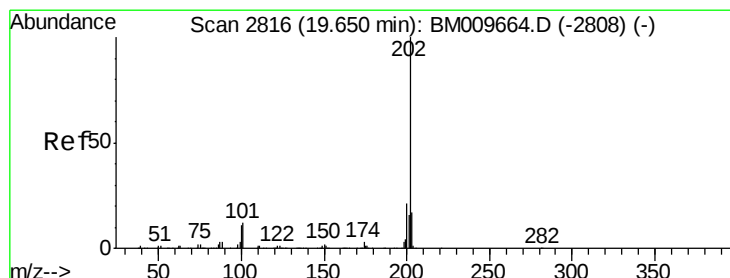
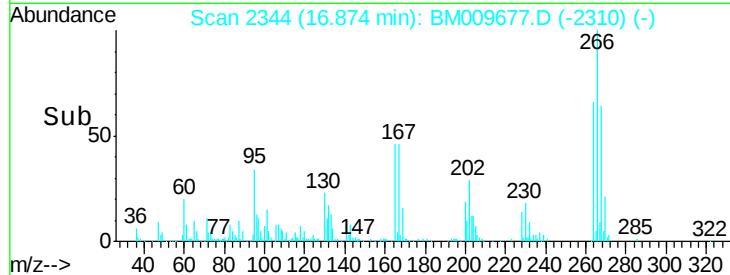
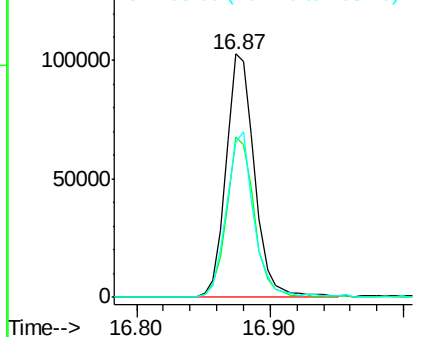
#68
 Pentachlorophenol
 Concen: 23.68 ng/ul
 RT: 16.87 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BM009677.D
 Acq: 19 Apr 2017 20:03

Instrument :
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Tot Ion:266 Resp: 154609
 Ion Ratio Lower Upper
 266 100
 264 65.7 54.8 82.2
 268 63.6 62.1 93.1

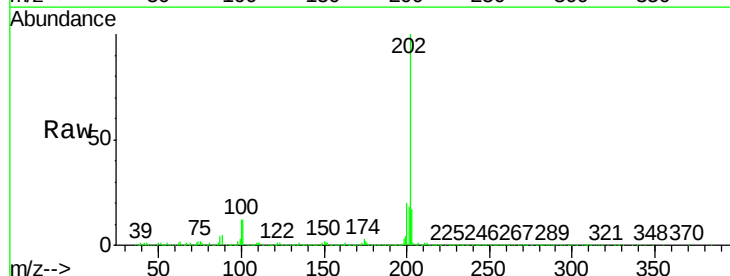


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 27.05 ng/ul
 RT: 19.65 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BM009677.D
 Acq: 19 Apr 2017 20:03

Tgt Ion:202 Resp: 1601581
 Ion Ratio Lower Upper
 202 100
 101 12.5 6.2 9.4#
 100 11.5 6.4 9.6#



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

