

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM004997.D
 Acq On : 20 Apr 2016 19:03
 Operator : UM/SJ
 Sample : H2621-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TR3MSD

Quant Time: Apr 21 10:20:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	59113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	258605	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	142852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	302210	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	322871	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	314368	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2271	2.06	ng/uL	0.00
5) Phenol-d5	6.97	99	58427	13.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	34124	14.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	46471	13.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	47674	13.68	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	22030	12.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	23868	12.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	46544	13.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	51619	13.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	147019	15.13	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	180352	15.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	16425	9.91	ng/ul	0.00
57) Fluorene-d10	15.44	176	129279	15.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	15860	12.13	ng/ul	0.00
70) Anthracene-d10	17.29	188	188531	15.70	ng/ul	0.00
76) Pyrene-d10	19.59	212	213404	15.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	197461	16.31	ng/ul	0.00

Target Compounds

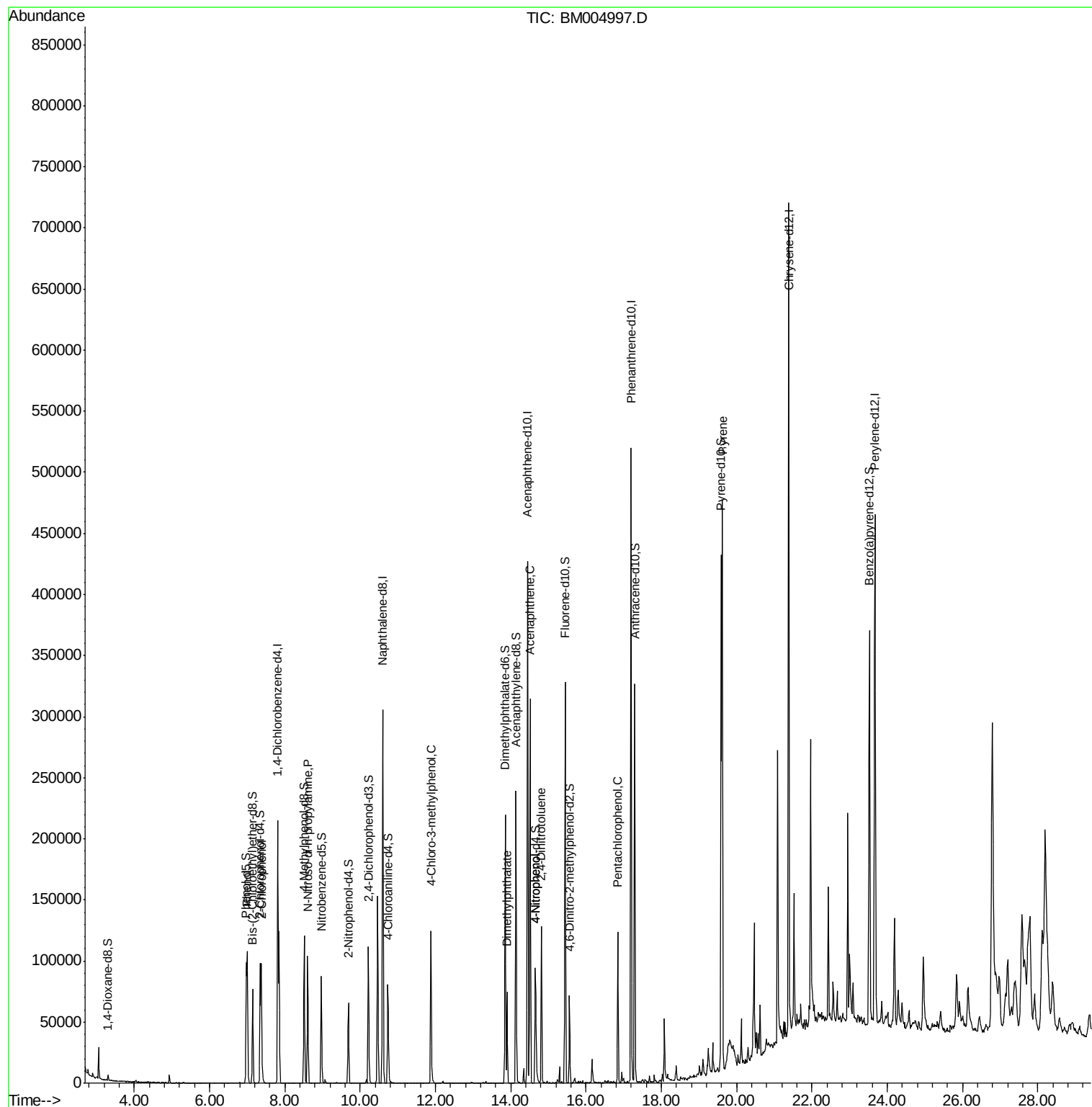
						Qvalue
6) Phenol	7.00	94	60304	13.81	ng/ul	98
10) 2-Chlorophenol	7.37	128	46739	12.90	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	39165	14.23	ng/ul	99
33) 4-Chloro-3-methylphenol	11.88	107	51336	13.20	ng/ul	100
44) Dimethylphthalate	13.90	163	49793	5.15	ng/ul	99
49) Acenaphthene	14.51	153	128301	15.58	ng/ul	99
52) 4-Nitrophenol	14.66	109	15095	10.79	ng/ul	94
54) 2,4-Dinitrotoluene	14.81	165	37070	13.52	ng/ul	93
68) Pentachlorophenol	16.84	266	23060	13.48	ng/ul	97
77) Pyrene	19.62	202	278076	16.29	ng/ul	100

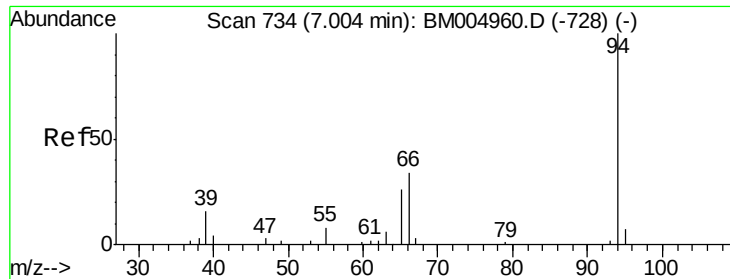
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 13.81 ng/ul

RT: 7.00 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

Instrument :

BNA_M

ClientSampleId :

H2TR3MSD

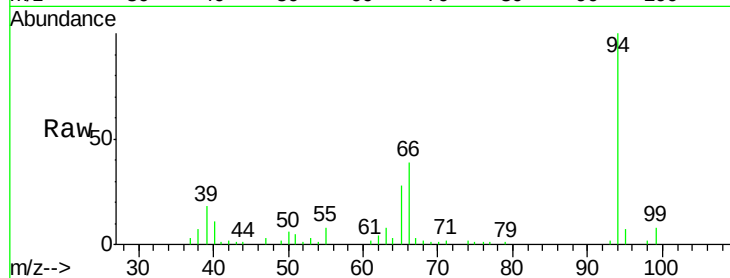
Tgt Ion: 94 Resp: 60304

Ion Ratio Lower Upper

94 100

65 27.6 21.6 32.4

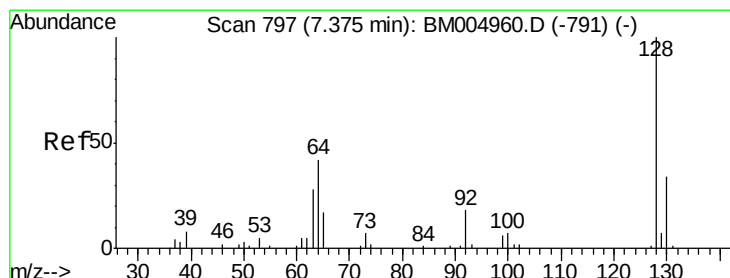
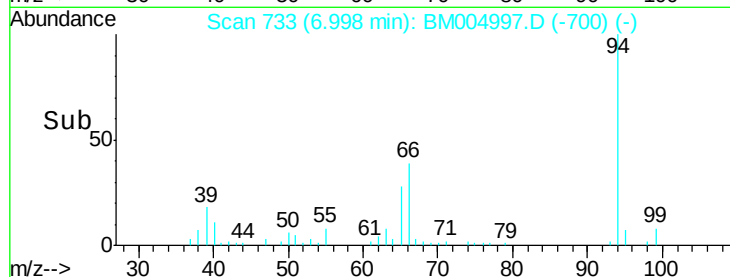
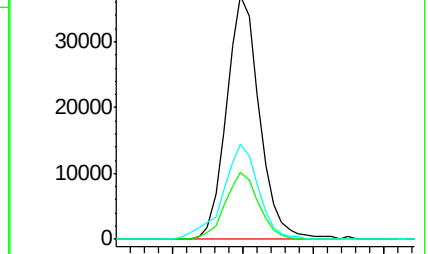
66 38.8 29.6 44.4



Abundance Ion 94.00 (93.70 to 94.70): BM004997.D (-700) (-)

Ion 65.00 (64.70 to 65.70): BM004997.D (-700) (-)

Ion 66.00 (65.70 to 66.70): BM004997.D (-700) (-)



#10

2-Chlorophenol

Concen: 12.90 ng/ul

RT: 7.37 min Scan# 797

Delta R.T. -0.00 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

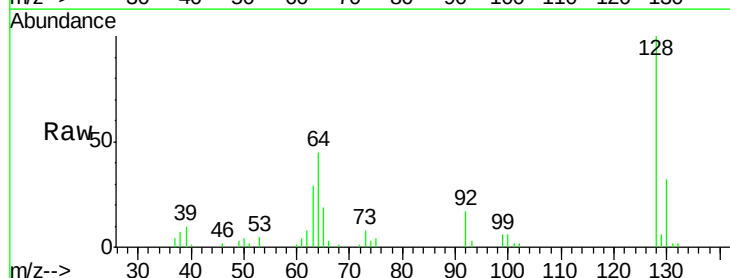
Tgt Ion: 128 Resp: 46739

Ion Ratio Lower Upper

128 100

64 45.3 35.7 53.5

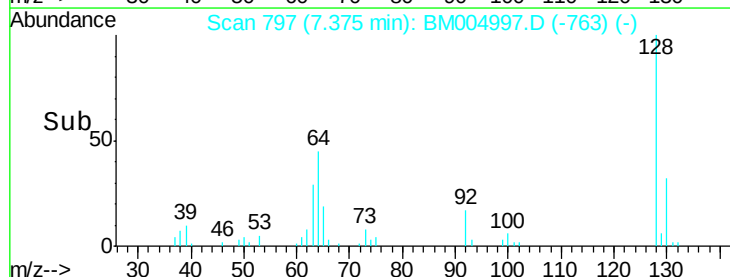
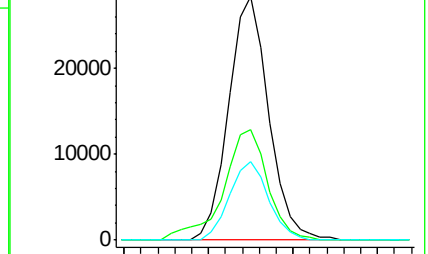
130 32.0 25.9 38.9

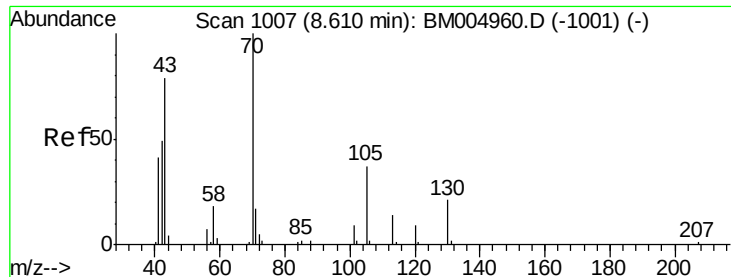


Abundance Ion 128.00 (127.70 to 128.70): BM004997.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM004997.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM004997.D (-763) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 14.23 ng/ul

RT: 8.60 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

Instrument :

BNA_M

ClientSampleId :

H2TR3MSD

Tgt Ion: 70 Resp: 39165

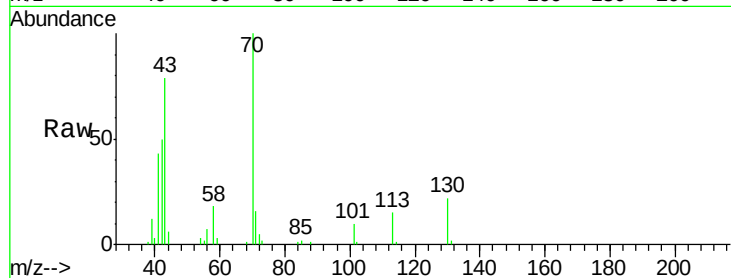
Ion Ratio Lower Upper

70 100

42 50.1 40.6 60.8

101 9.8 8.2 12.4

130 21.6 18.5 27.7



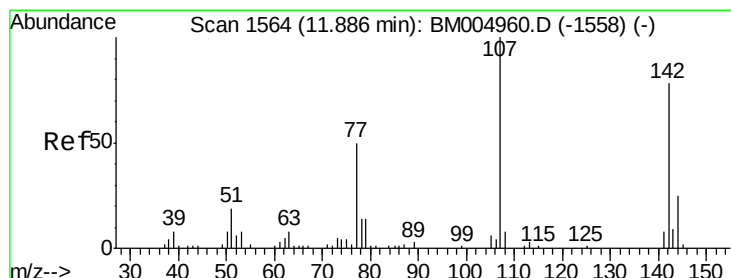
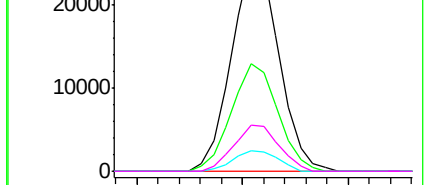
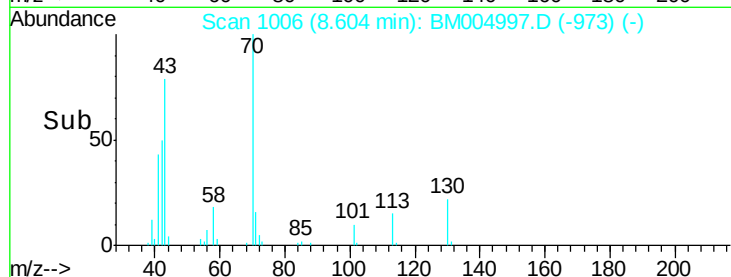
Abundance Ion 70.00 (69.70 to 70.70): BM004960.D (-1001) (-)

Ion 42.00 (41.70 to 42.70): BM004960.D (-1001) (-)

Ion 101.00 (100.70 to 101.70): BM004960.D (-1001) (-)

Ion 130.00 (129.70 to 130.70): BM004960.D (-1001) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 13.20 ng/ul

RT: 11.88 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

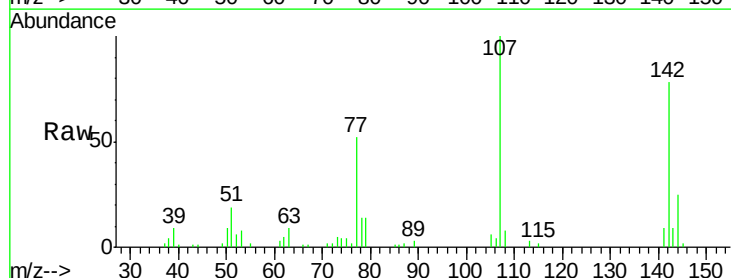
Tgt Ion: 107 Resp: 51336

Ion Ratio Lower Upper

107 100

144 25.2 19.7 29.5

142 78.0 62.5 93.7

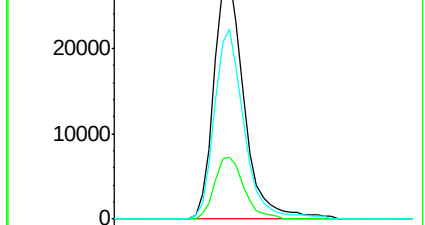
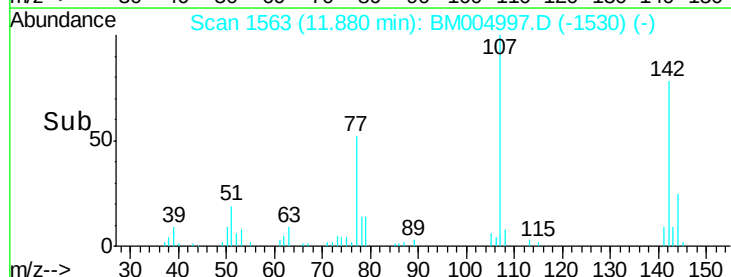


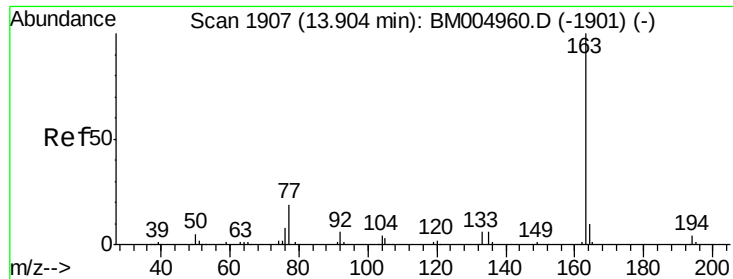
Abundance Ion 107.00 (106.70 to 107.70): BM004960.D (-1558) (-)

Ion 144.00 (143.70 to 144.70): BM004960.D (-1558) (-)

Ion 142.00 (141.70 to 142.70): BM004960.D (-1558) (-)

Time-->





#44

Dimethylphthalate

Concen: 5.15 ng/ul

RT: 13.90 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

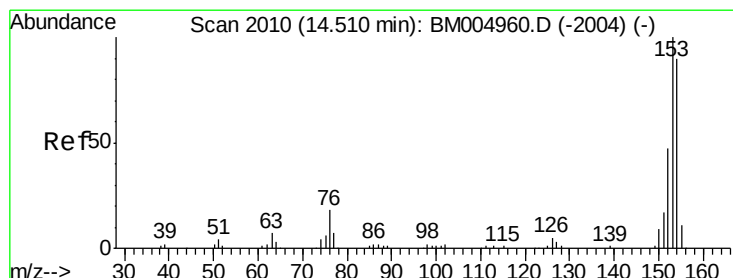
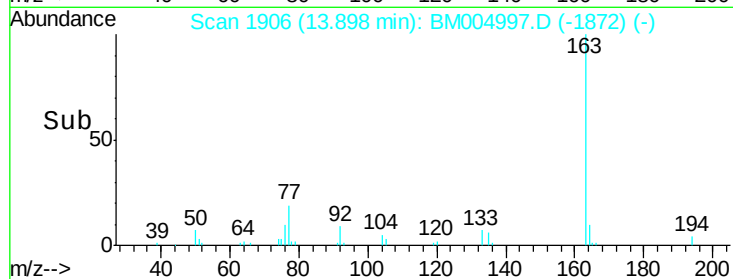
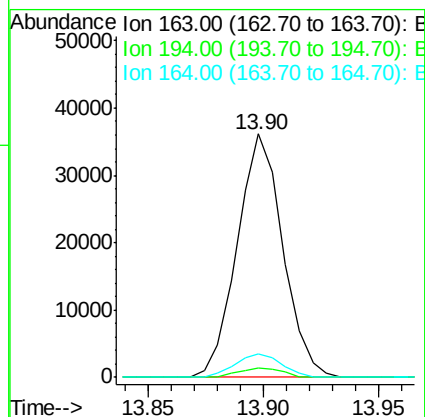
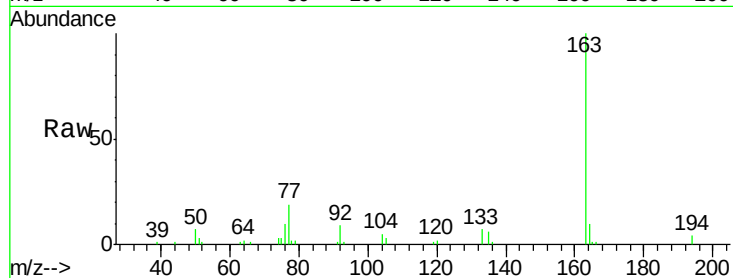
Instrument :

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H2TR3MSD

Tgt Ion:	163	Resp:	49793
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	8.2	12.2



#49

Acenaphthene

Concen: 15.58 ng/ul

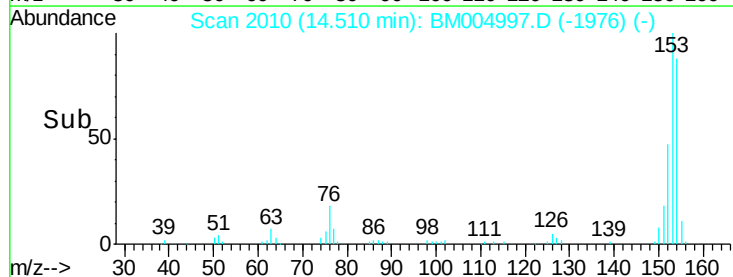
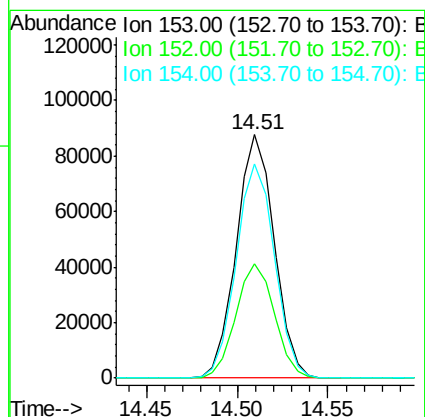
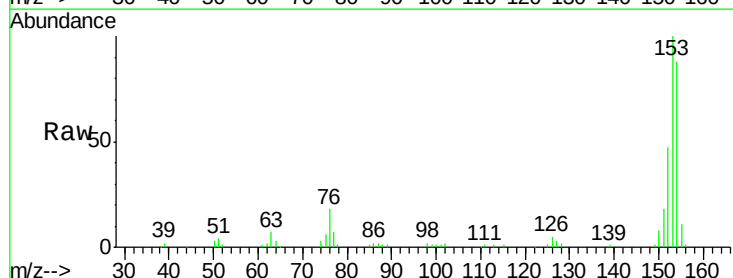
RT: 14.51 min Scan# 2010

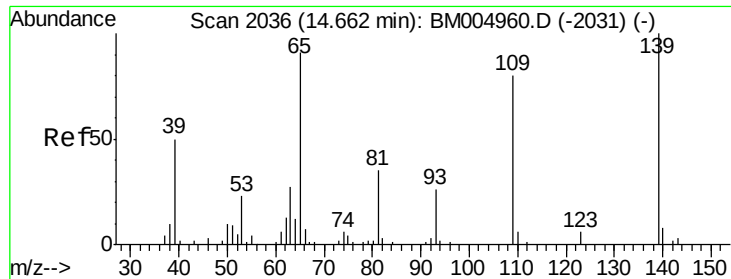
Delta R.T. -0.00 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

Tgt Ion:	153	Resp:	128301
Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.7	56.5
154	88.0	71.4	107.2





#52

4-Nitrophenol

Concen: 10.79 ng/ul

RT: 14.66 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

Instrument :

BNA_M

ClientSampleId :

H2TR3MSD

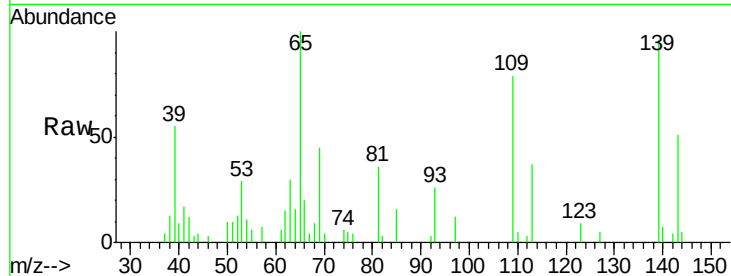
Tgt Ion:109 Resp: 15095

Ion Ratio Lower Upper

109 100

139 121.5 104.5 156.7

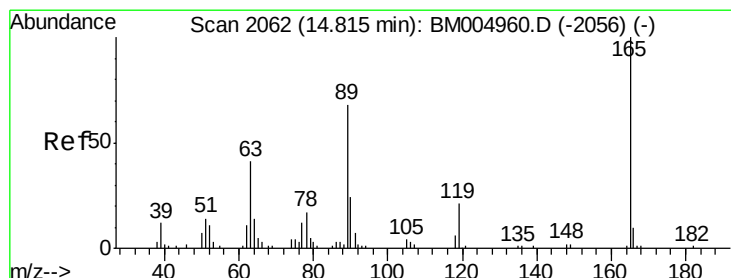
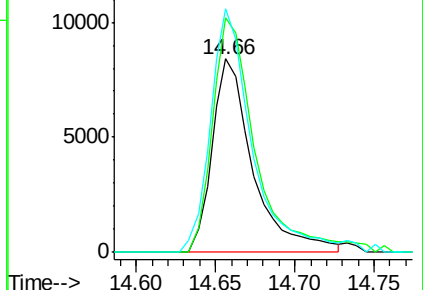
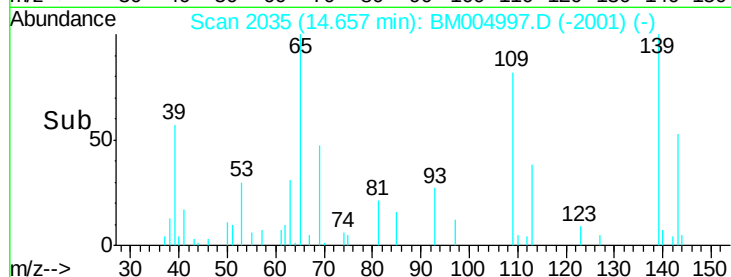
65 126.1 96.5 144.7



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: 13.52 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

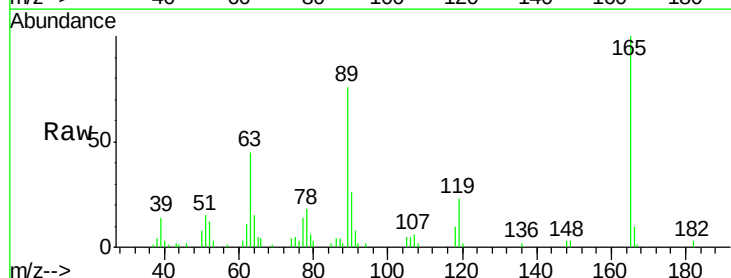
Tgt Ion:165 Resp: 37070

Ion Ratio Lower Upper

165 100

63 44.9 32.1 48.1

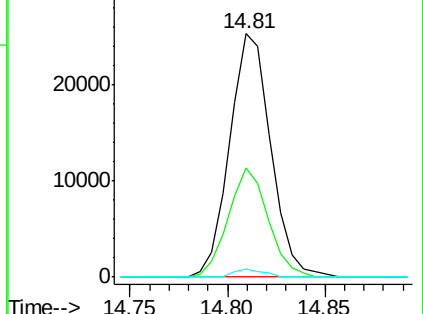
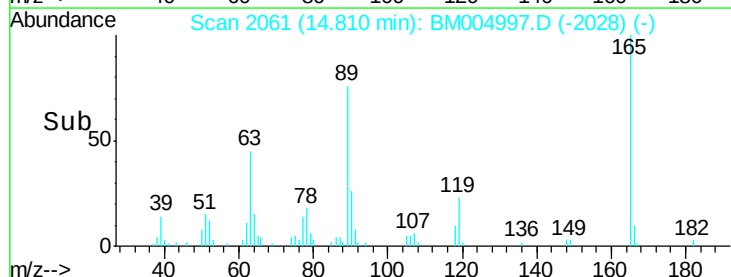
182 3.2 2.2 3.4

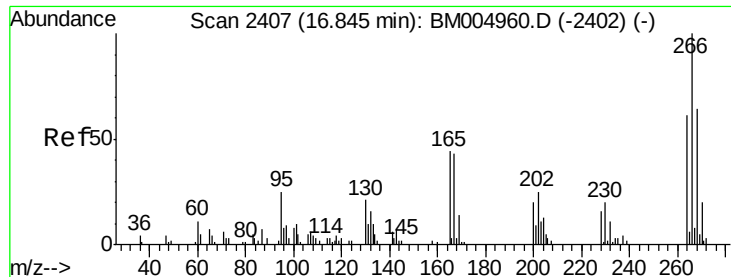


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 13.48 ng/ul

RT: 16.84 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM004997.D

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H2TR3MSD

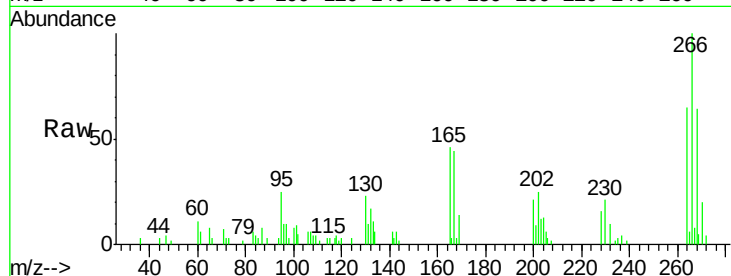
Tgt Ion:266 Resp: 23060

Ion Ratio Lower Upper

266 100

264 64.6 49.8 74.6

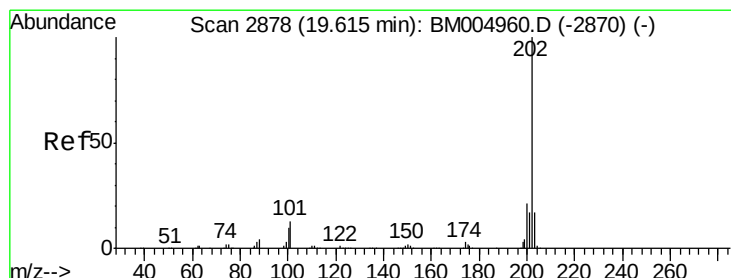
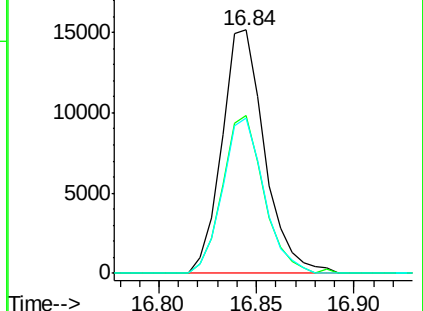
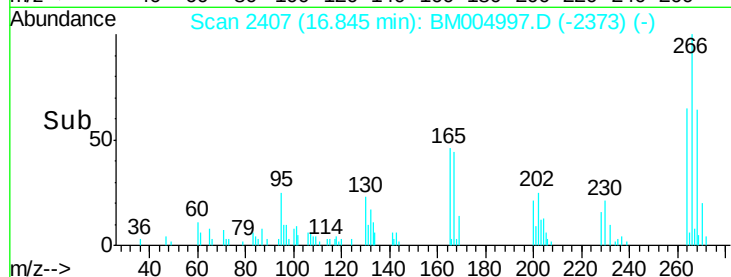
268 63.7 49.6 74.4



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: 16.29 ng/ul

RT: 19.62 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BM004997.D

Acq: 20 Apr 2016 19:03

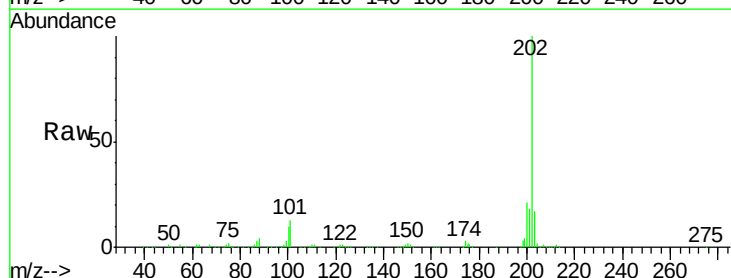
Tgt Ion:202 Resp: 278076

Ion Ratio Lower Upper

202 100

101 12.8 10.5 15.7

100 10.2 8.2 12.2



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): E

