

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM004996.D
 Acq On : 20 Apr 2016 18:26
 Operator : UM/SJ
 Sample : H2621-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TR3MS

Quant Time: Apr 21 10:20:42 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	50503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	230947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	132435	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	273891	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	267463	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	252513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2432	2.58	ng/uL	0.00
5) Phenol-d5	6.97	99	62301	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	36639	17.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	49508	16.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	52810	17.73	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	23739	15.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	26007	15.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	51405	16.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	56190	15.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	167836	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	203709	18.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	17208	11.20	ng/ul	0.00
57) Fluorene-d10	15.44	176	146055	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	17339	14.64	ng/ul	0.00
70) Anthracene-d10	17.29	188	213265	19.60	ng/ul	0.00
76) Pyrene-d10	19.59	212	221854	19.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	198888	20.45	ng/ul	0.00

Target Compounds

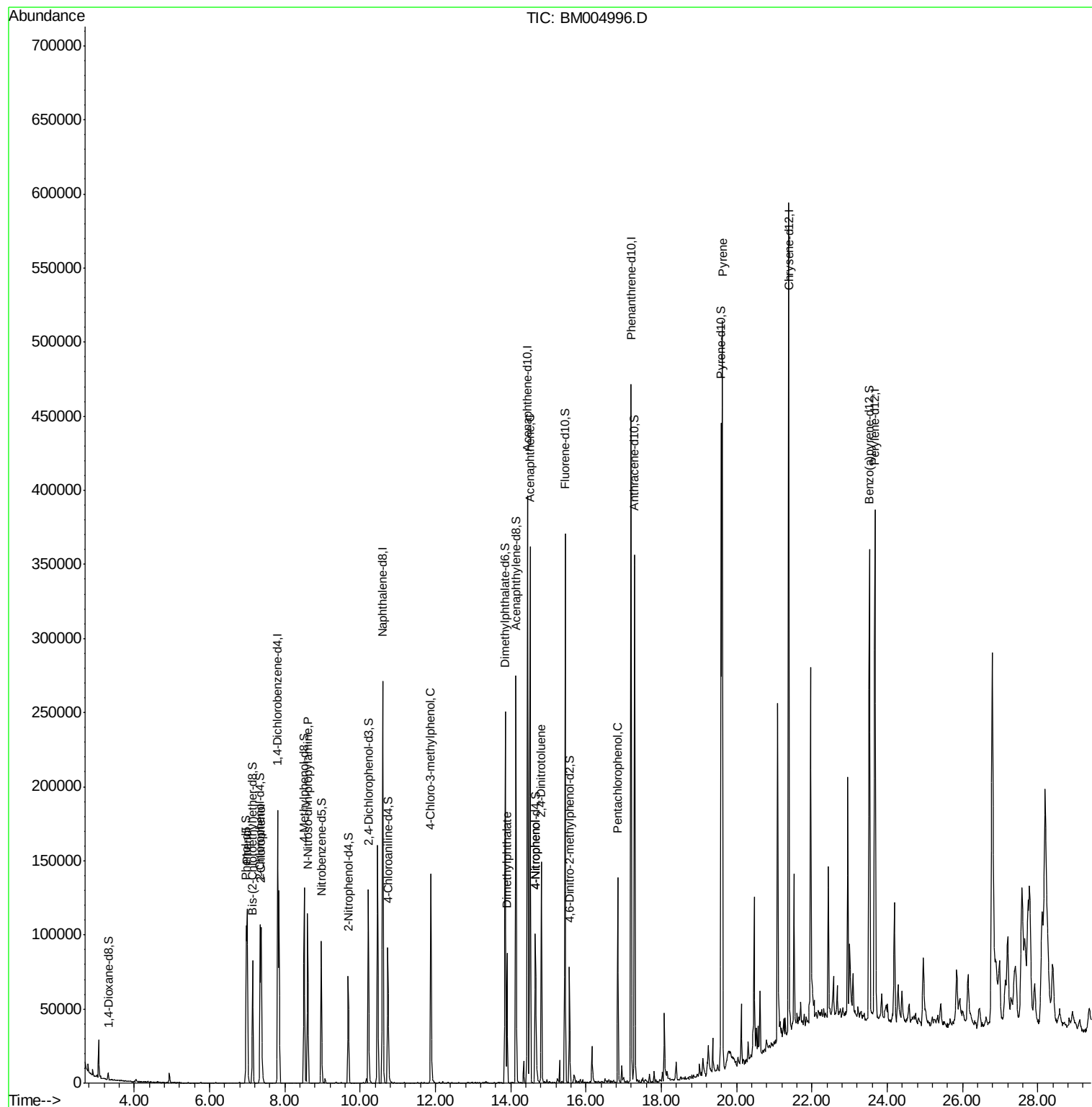
						Qvalue
6) Phenol	7.00	94	65284	17.50	ng/ul	99
10) 2-Chlorophenol	7.37	128	50559	16.33	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	42800	18.20	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	57750	16.63	ng/ul	97
44) Dimethylphthalate	13.90	163	57394	6.40	ng/ul	100
49) Acenaphthene	14.51	153	144972	18.98	ng/ul	99
52) 4-Nitrophenol	14.66	109	16139	12.44	ng/ul	95
54) 2,4-Dinitrotoluene	14.81	165	42129	16.57	ng/ul	97
68) Pentachlorophenol	16.84	266	25155	16.23	ng/ul	96
77) Pyrene	19.62	202	290441	20.54	ng/ul	98

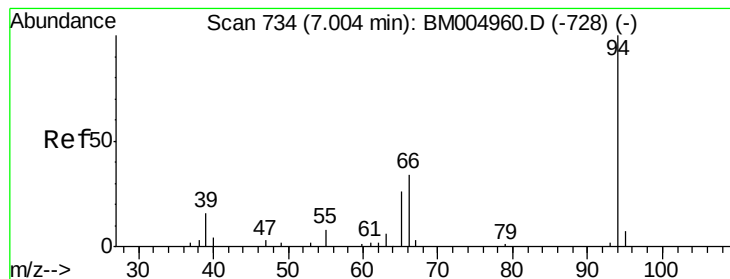
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 17.50 ng/ul

RT: 7.00 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

Instrument :

BNA_M

ClientSampled :

H2TR3MS

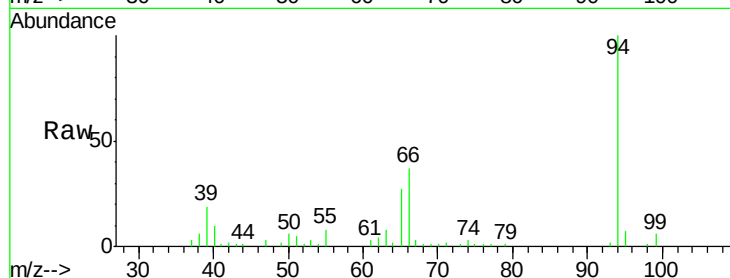
Tgt Ion: 94 Resp: 65284

Ion Ratio Lower Upper

94 100

65 26.7 21.6 32.4

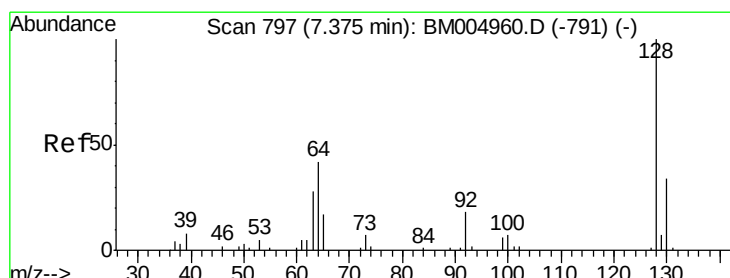
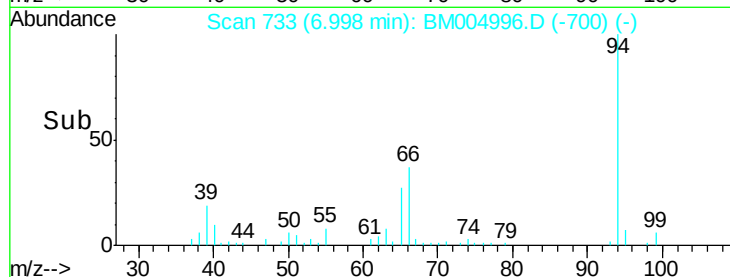
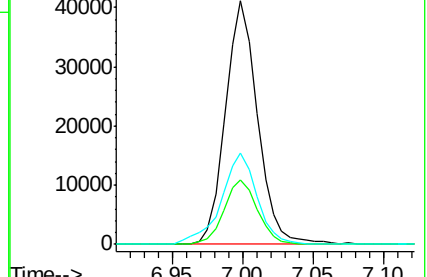
66 37.3 29.6 44.4



Abundance Ion 94.00 (93.70 to 94.70): BM004996.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM004996.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM004996.D (-728) (-)



#10

2-Chlorophenol

Concen: 16.33 ng/ul

RT: 7.37 min Scan# 797

Delta R.T. -0.00 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

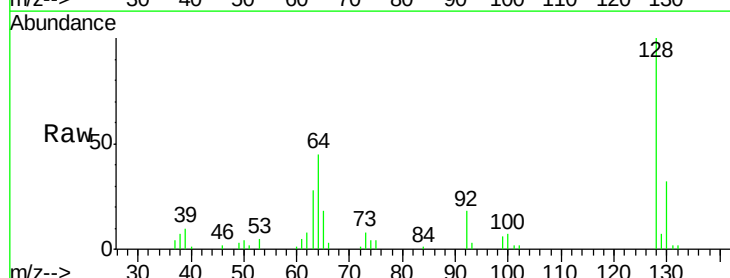
Tgt Ion: 128 Resp: 50559

Ion Ratio Lower Upper

128 100

64 45.2 35.7 53.5

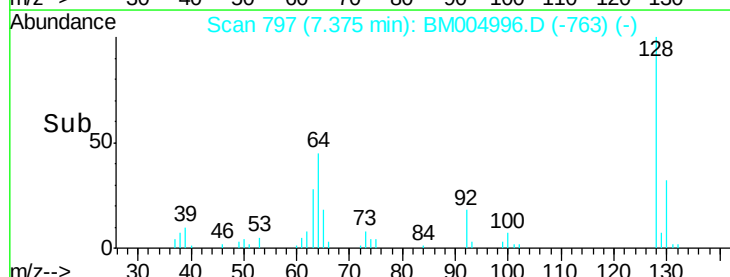
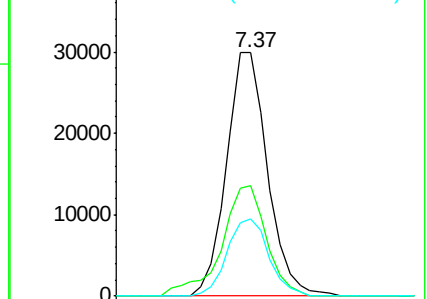
130 32.0 25.9 38.9

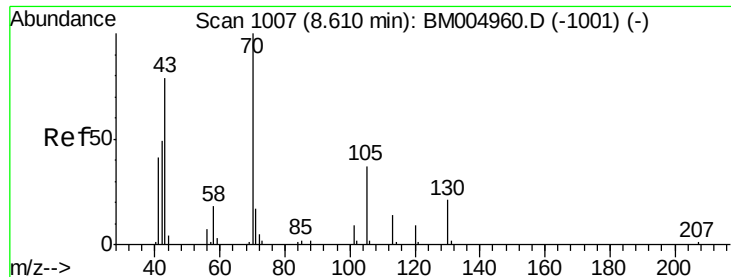


Abundance Ion 128.00 (127.70 to 128.70): BM004996.D (-791) (-)

Ion 64.00 (63.70 to 64.70): BM004996.D (-791) (-)

Ion 130.00 (129.70 to 130.70): BM004996.D (-791) (-)

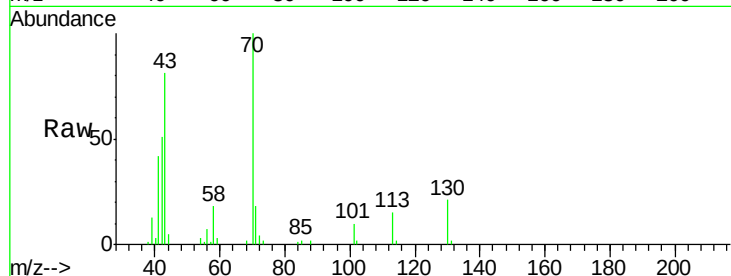




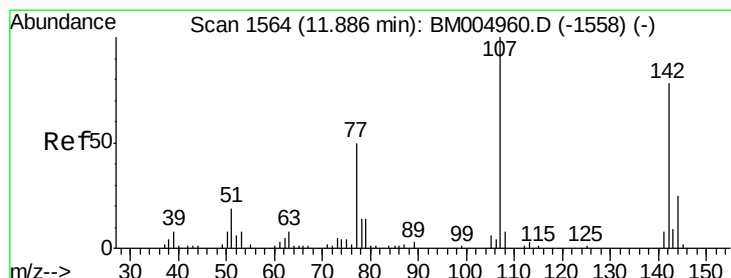
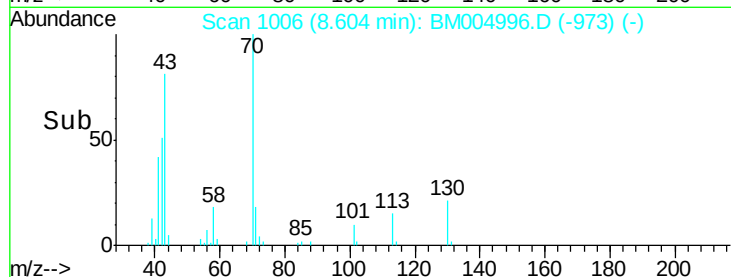
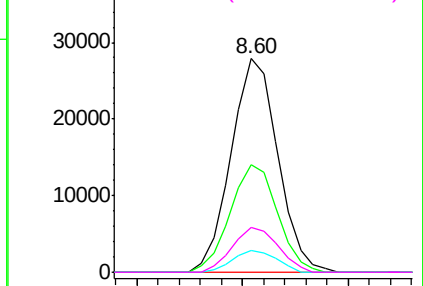
#15
N-Nitroso-di-n-propylamine
Concen: 18.20 ng/ul
RT: 8.60 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM004996.D
Acq: 20 Apr 2016 18:26

Instrument :
BNA_M
ClientSampleId :
H2TR3MS

Tgt Ion:	70	Resp:	42800
Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.6	60.8
101	9.9	8.2	12.4
130	20.9	18.5	27.7

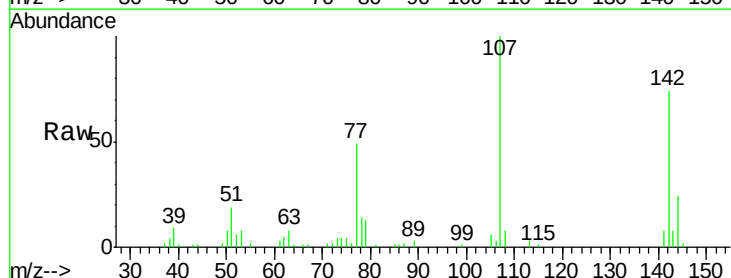


Abundance Ion 70.00 (69.70 to 70.70): BM004996.D (-1001) (-)

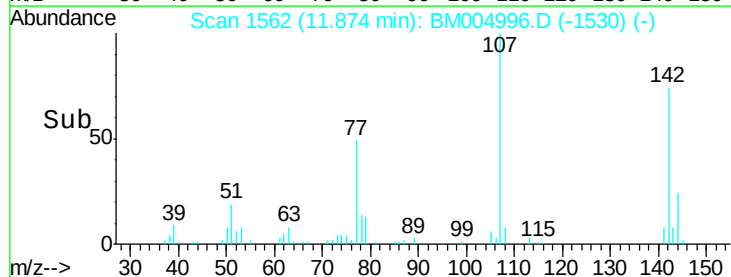
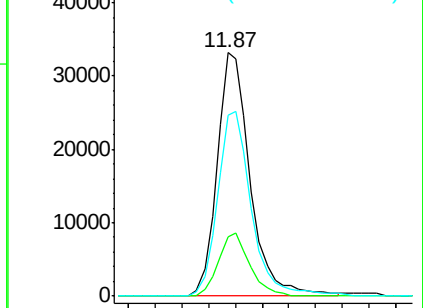


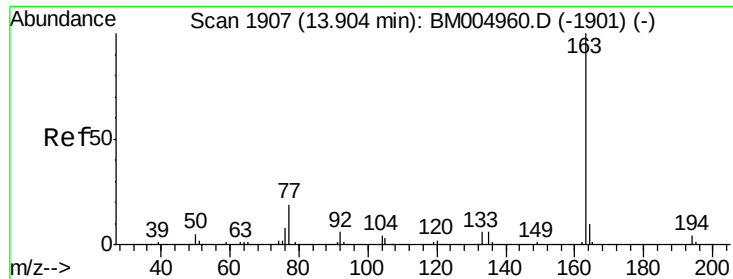
#33
4-Chloro-3-methylphenol
Concen: 16.63 ng/ul
RT: 11.87 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM004996.D
Acq: 20 Apr 2016 18:26

Tgt Ion:	107	Resp:	57750
Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.7	29.5
142	74.4	62.5	93.7



Abundance Ion 107.00 (106.70 to 107.70): BM004996.D (-1558) (-)





#44

Dimethylphthalate

Concen: 6.40 ng/ul

RT: 13.90 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

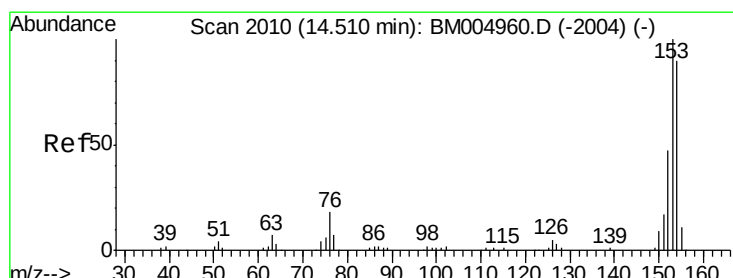
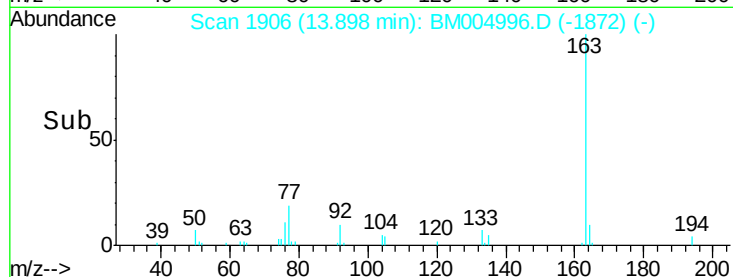
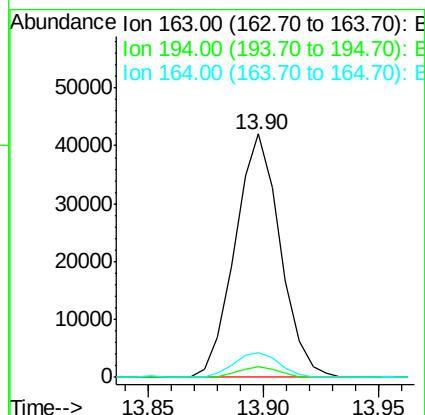
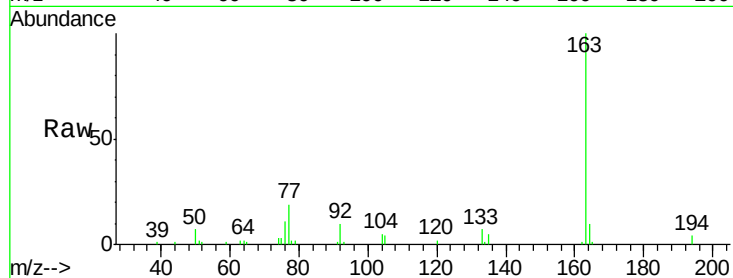
Instrument :

BNA_M

ClientSampleId :

H2TR3MS

Tgt Ion:	163	Resp:	57394
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.2	8.2	12.2



#49

Acenaphthene

Concen: 18.98 ng/ul

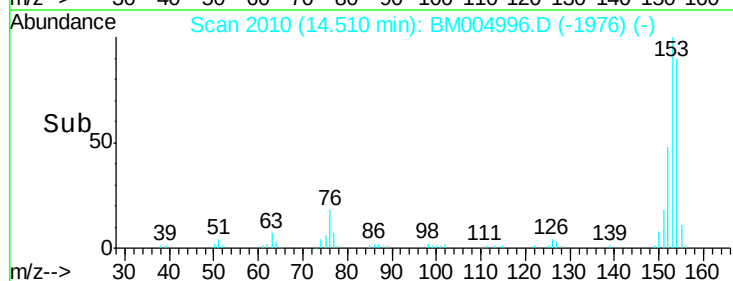
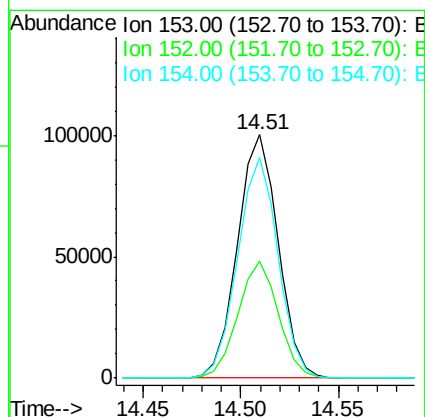
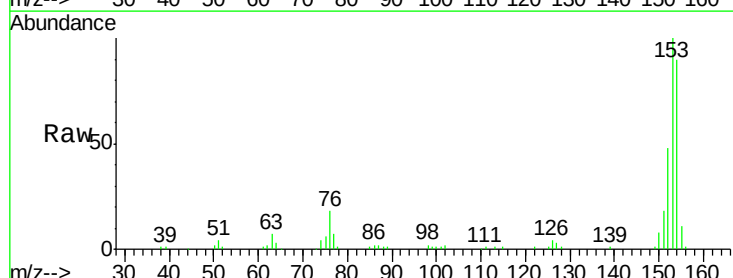
RT: 14.51 min Scan# 2010

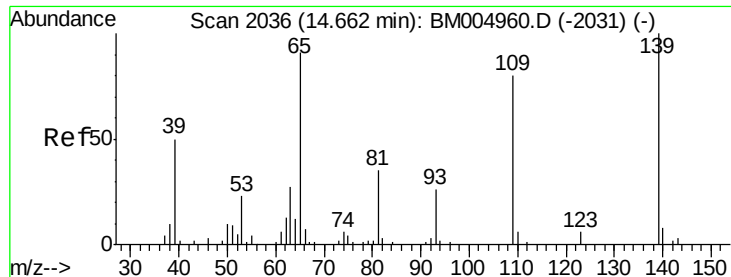
Delta R.T. -0.00 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

Tgt Ion:	153	Resp:	144972
Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.7	56.5
154	90.4	71.4	107.2





#52

4-Nitrophenol

Concen: 12.44 ng/ul

RT: 14.66 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

Instrument :

BNA_M

ClientSampleId :

H2TR3MS

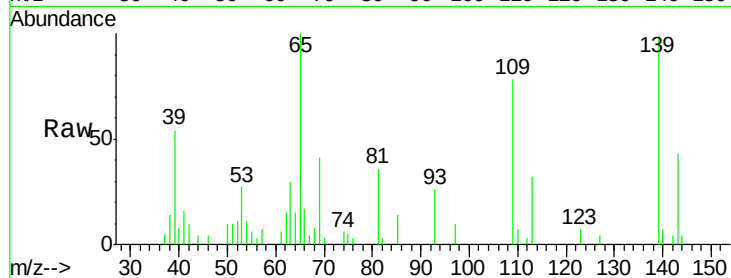
Tgt Ion:109 Resp: 16139

Ion Ratio Lower Upper

109 100

139 126.2 104.5 156.7

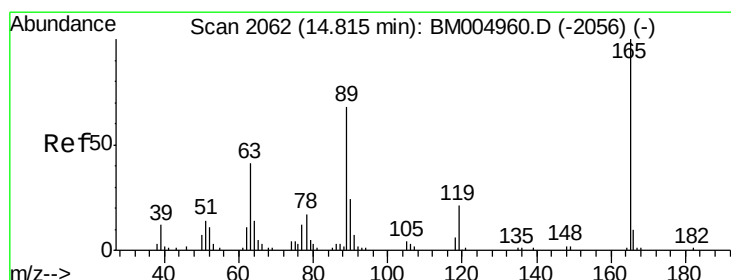
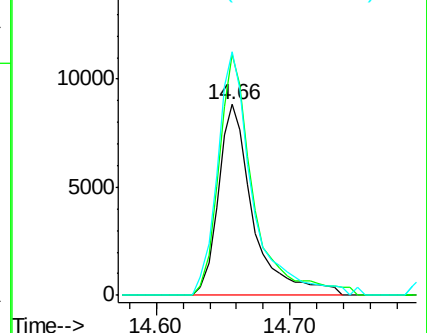
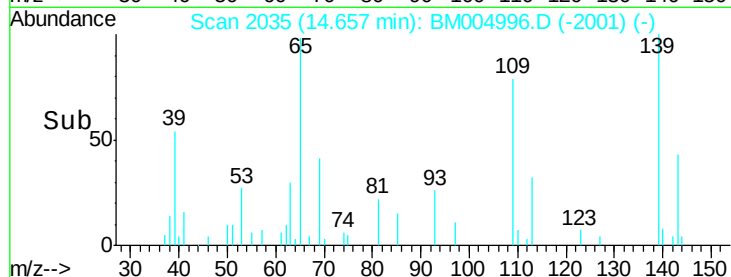
65 127.4 96.5 144.7



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: 16.57 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

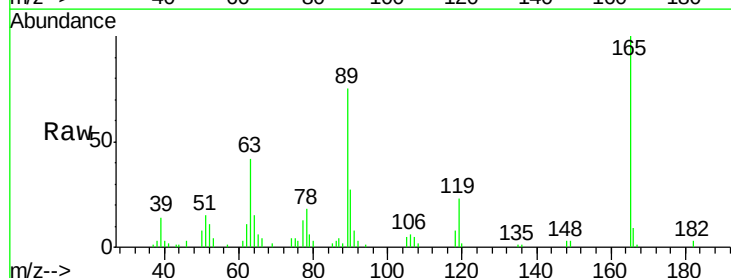
Tgt Ion:165 Resp: 42129

Ion Ratio Lower Upper

165 100

63 42.3 32.1 48.1

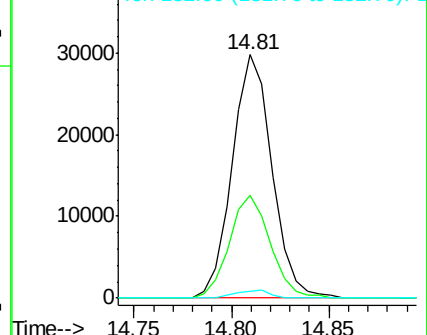
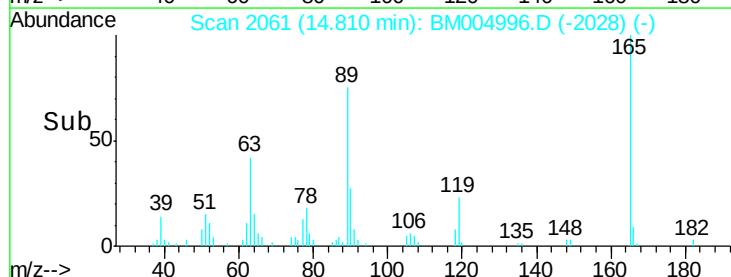
182 2.6 2.2 3.4

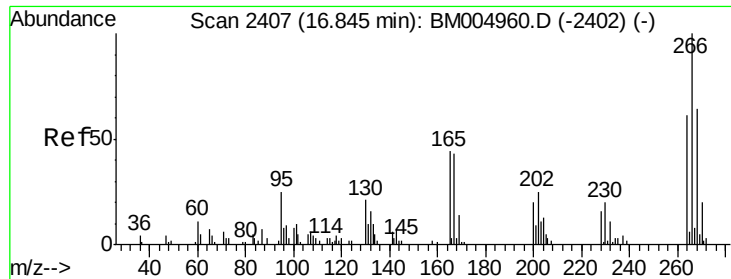


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 16.23 ng/ul

RT: 16.84 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

Instrument :

BNA_M

ClientSampleId :

H2TR3MS

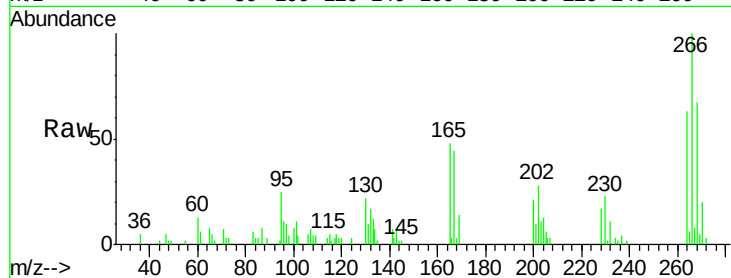
Tgt Ion:266 Resp: 25155

Ion Ratio Lower Upper

266 100

264 63.4 49.8 74.6

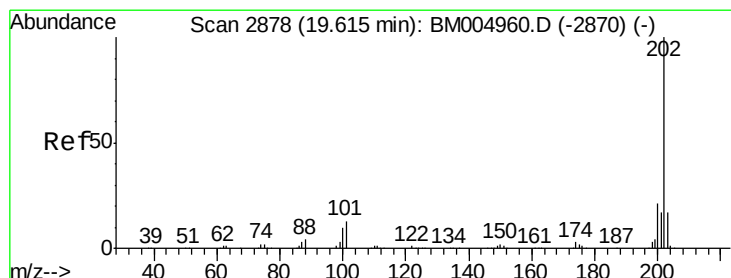
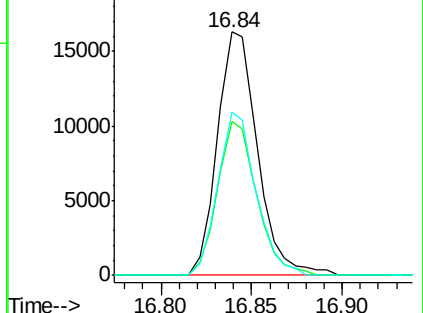
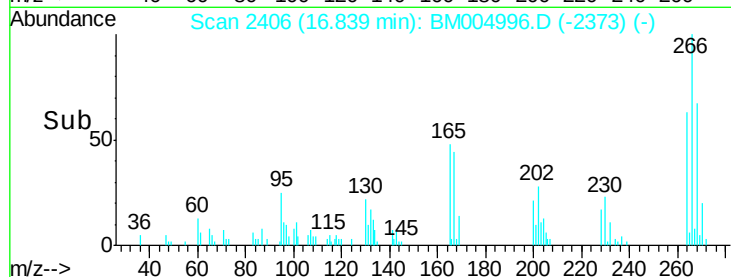
268 66.9 49.6 74.4



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: 20.54 ng/ul

RT: 19.62 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BM004996.D

Acq: 20 Apr 2016 18:26

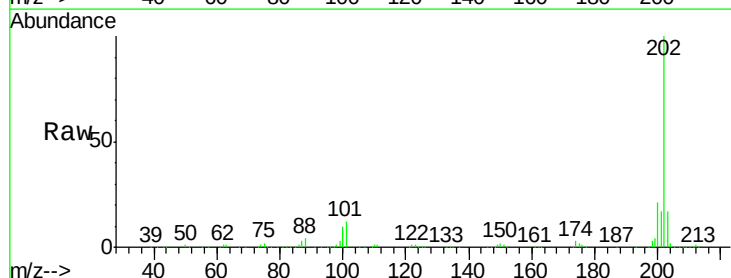
Tgt Ion:202 Resp: 290441

Ion Ratio Lower Upper

202 100

101 12.2 10.5 15.7

100 9.9 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): B

