

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010703.D
 Acq On : 23 Jun 2017 23:02
 Operator : SJ/JU
 Sample : I3657-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H2TR7MSD

Quant Time: Jun 24 04:41:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 04:37:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	71916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	339806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	235584	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	580871	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	620293	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	467974	20.00	ng/ul	0.00

System Monitoring Compounds

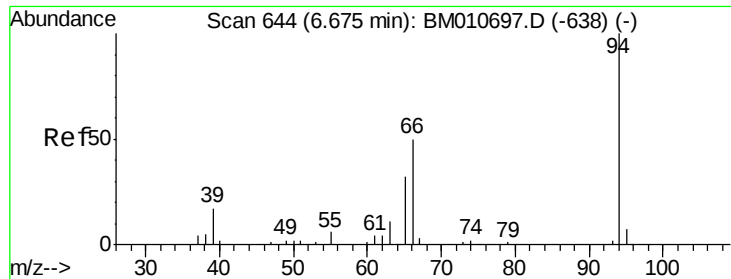
3) 1,4-Dioxane-d8	3.07	96	4423	3.52	ng/uL	0.00
5) Phenol-d5	6.65	99	121068	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	66093	16.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	90963	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	103947	18.30	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	48562	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	58577	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	117510	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	118771	19.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	420630	20.34	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	476053	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	60510	16.63	ng/ul	0.00
57) Fluorene-d10	15.11	176	352709	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	72845	20.42	ng/ul	-0.01
70) Anthracene-d10	16.87	188	580871	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	644947	22.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	454538	20.10	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.67	94	130445	18.487	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.91	93	5152	1.003	ng/ul#	23
10) 2-Chlorophenol	7.03	128	87540	18.223	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	95583	19.126	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.52	107	142121	19.468	ng/ul	96
44) Dimethylphthalate	13.58	163	183268	9.041	ng/ul	100
49) Acenaphthene	14.17	153	304893	19.727	ng/ul	98
52) 4-Nitrophenol	14.34	109	95515	20.685	ng/ul#	85
54) 2,4-Dinitrotoluene	14.49	165	113926	20.913	ng/ul	100
67) Atrazine	16.52	200	19413	2.860	ng/ul#	39
68) Pentachlorophenol	16.52	266	96425	19.526	ng/ul	95
77) Pyrene	19.30	202	794009	22.162	ng/ul	98

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

```
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Misc      :
ALS Vial  : 20      Sample Multiplier: 1
```



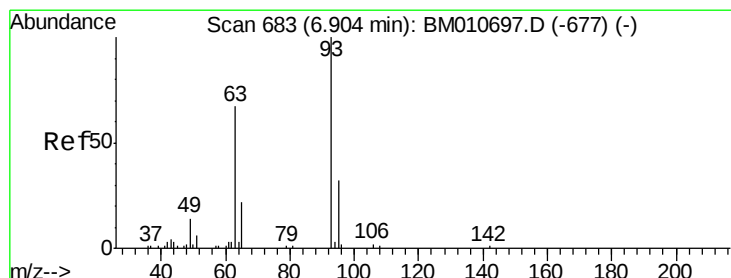
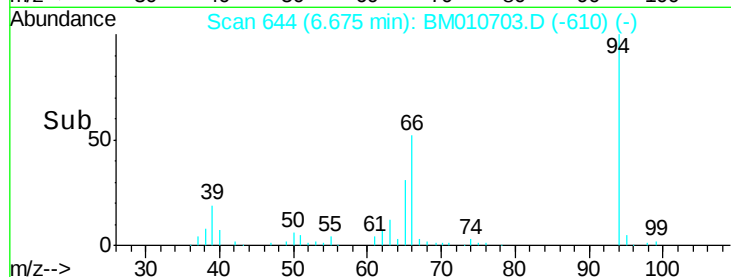
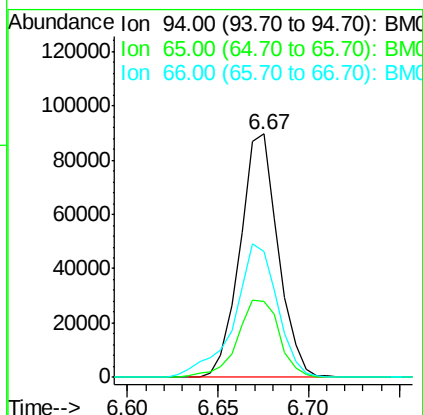
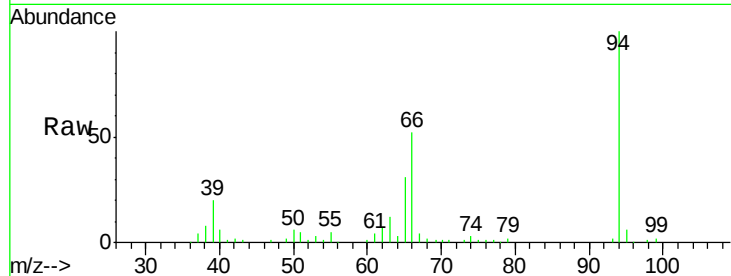
#6

Phenol

Concen: 18.487 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Instrument :
 BNA_M
 ClientSampleId :
 H2TR7MSD

Tgt Ion: 94 Resp: 130445
 Ion Ratio Lower Upper
 94 100
 65 31.3 28.2 42.4
 66 51.7 47.2 70.8

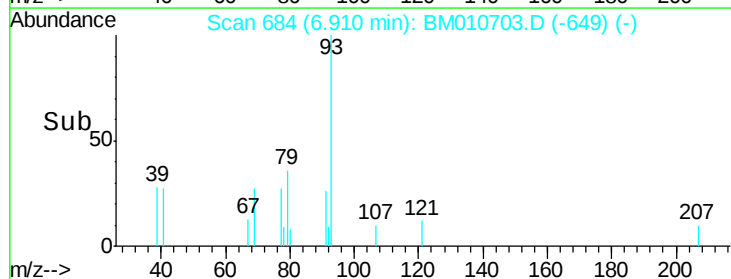
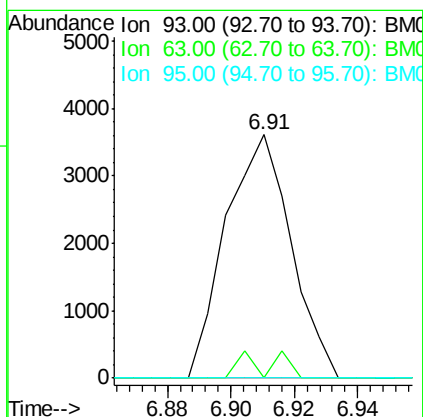
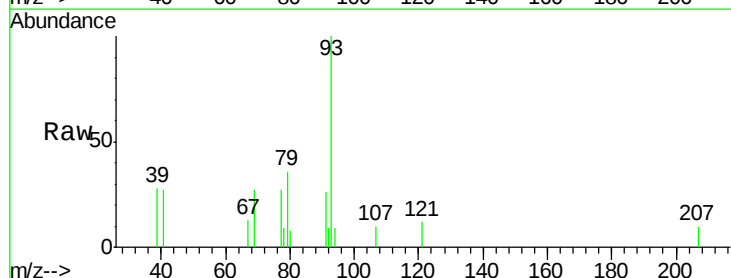


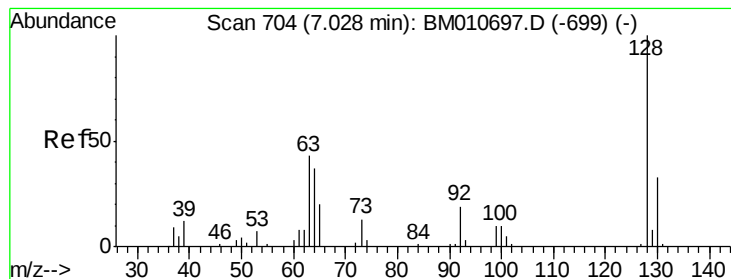
#8

Bis(2-Chloroethyl)ether

Concen: 1.003 ng/ul
 RT: 6.91 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Tgt Ion: 93 Resp: 5152
 Ion Ratio Lower Upper
 93 100
 63 0.0 57.3 85.9#
 95 0.0 26.6 39.8#





#10

2-Chlorophenol

Concen: 18.223 ng/ul

RT: 7.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM010703.D

Acq: 23 Jun 2017 23:02

Instrument :

BNA_M

ClientSampleId :

H2TR7MSD

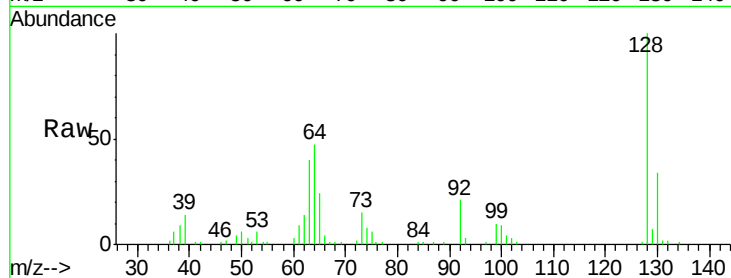
Tgt Ion:128 Resp: 87540

Ion Ratio Lower Upper

128 100

64 46.8 38.0 57.0

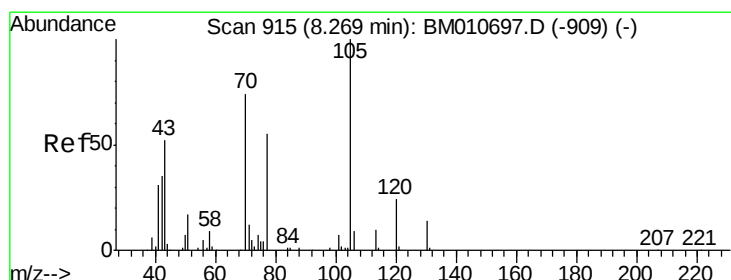
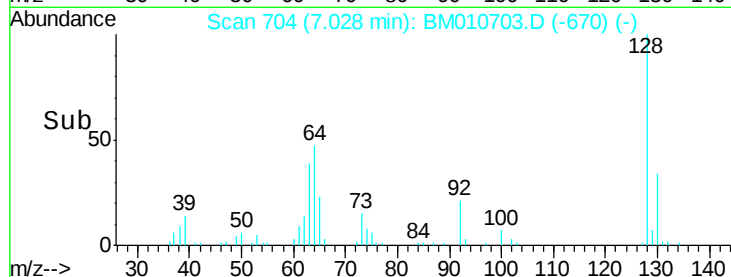
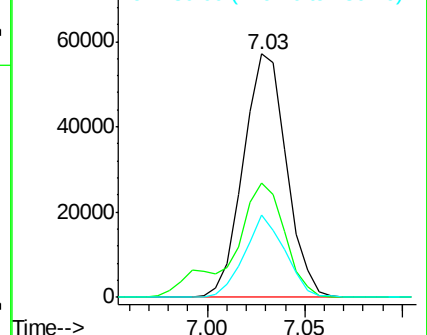
130 33.6 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 19.126 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM010703.D

Acq: 23 Jun 2017 23:02

Tgt Ion: 70 Resp: 95583

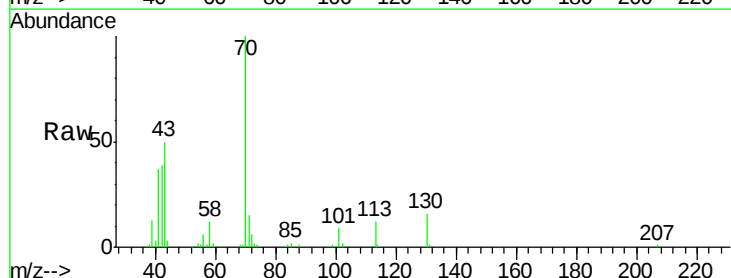
Ion Ratio Lower Upper

70 100

42 39.2 41.1 61.7#

101 9.5 6.7 10.1

130 16.0 14.6 22.0

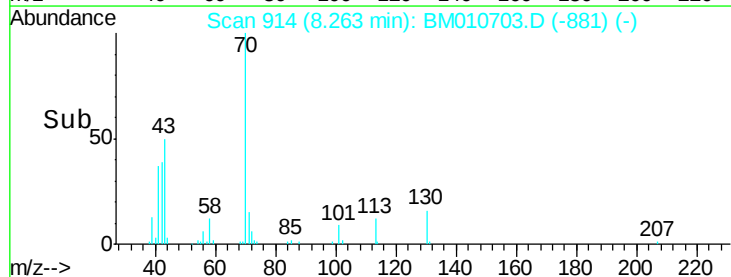
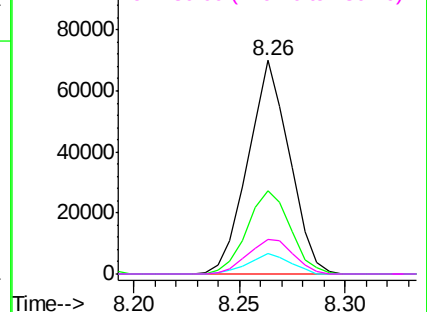


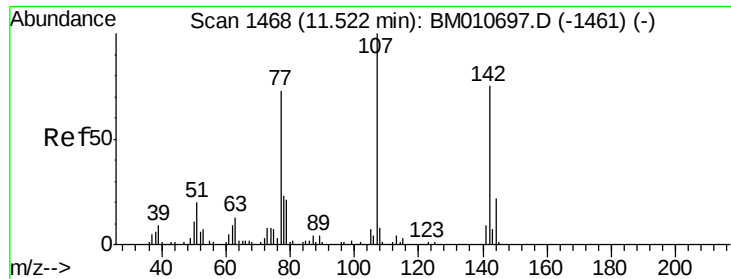
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

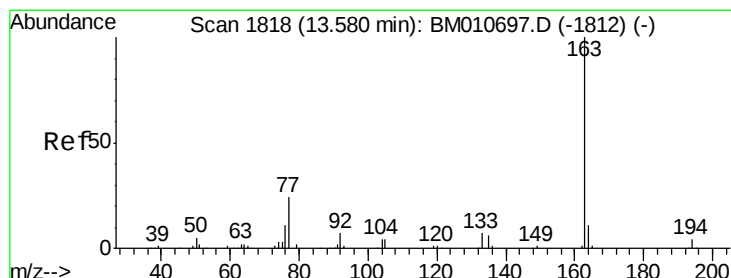
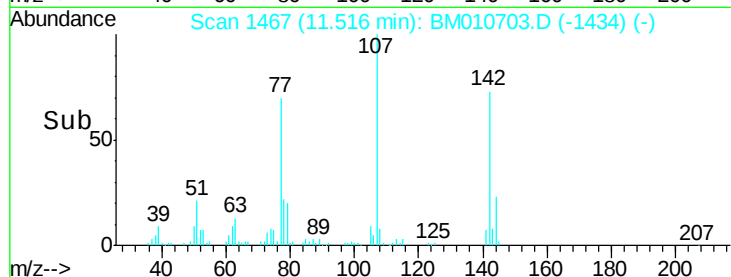
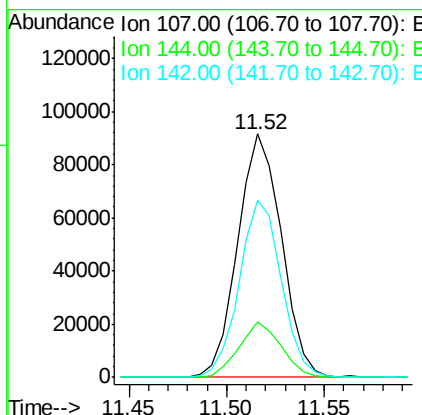
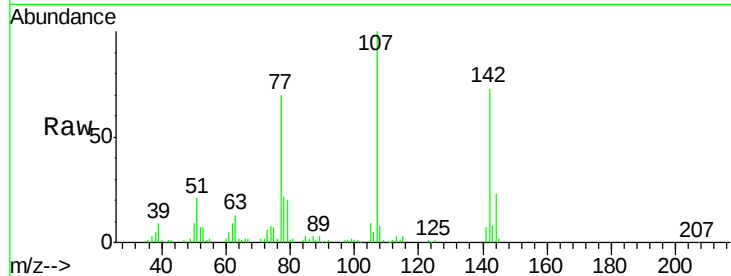




#33
4-Chloro-3-methylphenol
Concen: 19.468 ng/ul
RT: 11.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BM010703.D
Acq: 23 Jun 2017 23:02

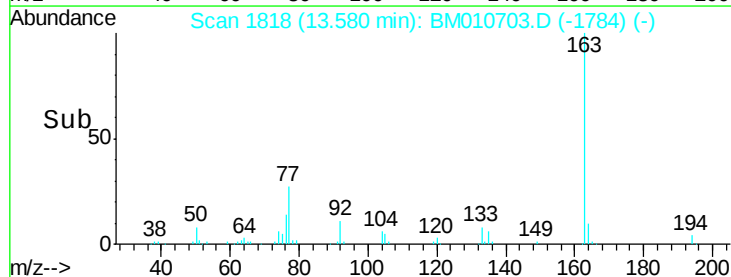
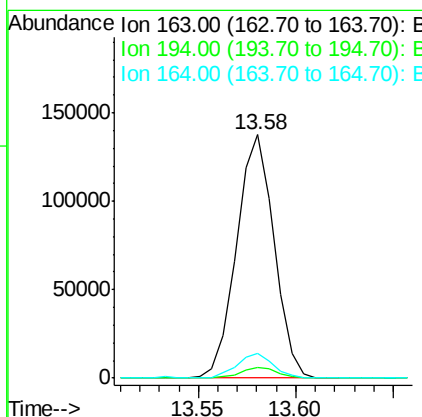
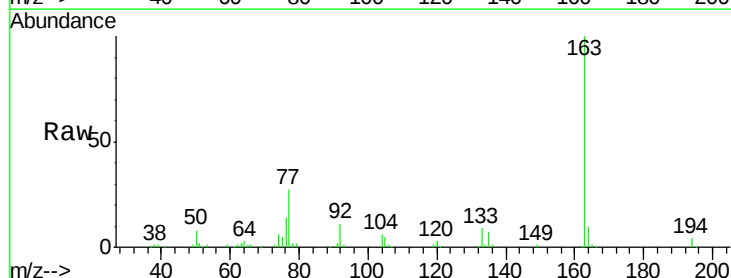
Instrument :
BNA_M
ClientSampleId :
H2TR7MSD

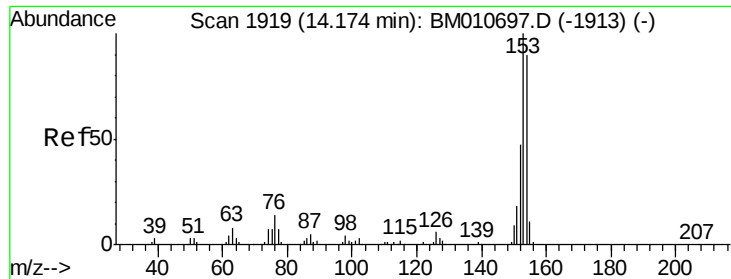
Tgt Ion:107 Resp: 142121
Ion Ratio Lower Upper
107 100
144 22.9 20.4 30.6
142 72.6 60.5 90.7



#44
Dimethylphthalate
Concen: 9.041 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM010703.D
Acq: 23 Jun 2017 23:02

Tgt Ion:163 Resp: 183268
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.3 8.2 12.4





#49

Acenaphthene

Concen: 19.727 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM010703.D

Acq: 23 Jun 2017 23:02

Instrument :

BNA_M

ClientSampleId :

H2TR7MSD

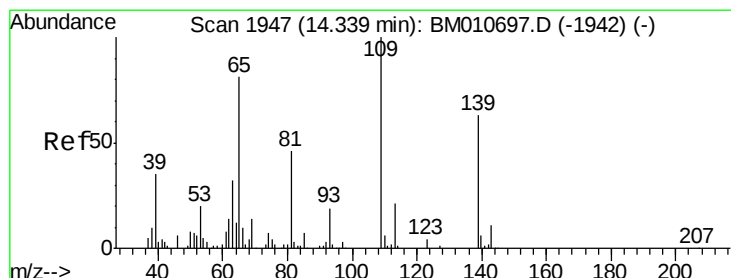
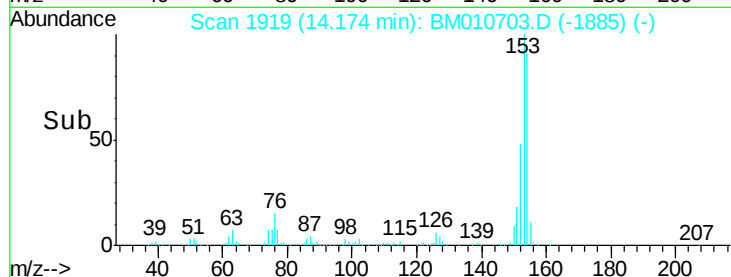
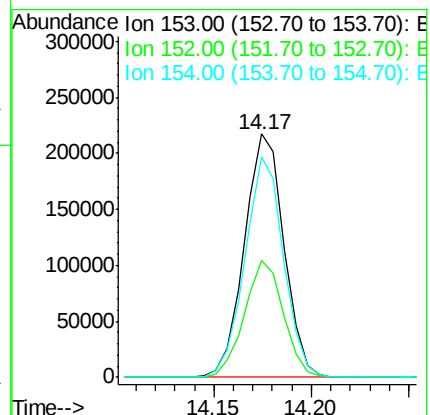
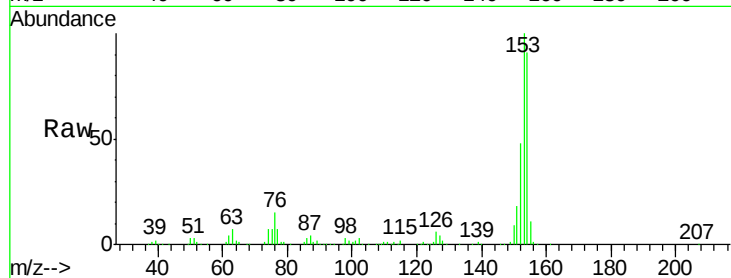
Tgt Ion:153 Resp: 304893

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

154 90.8 70.4 105.6



#52

4-Nitrophenol

Concen: 20.685 ng/ul

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM010703.D

Acq: 23 Jun 2017 23:02

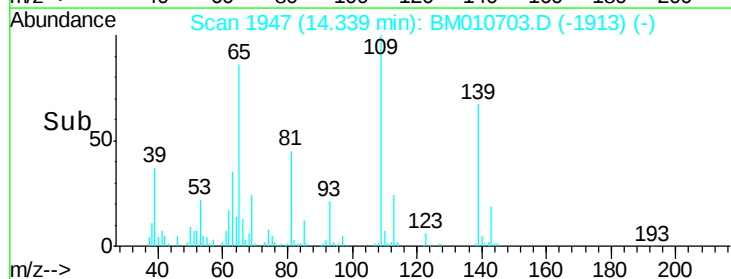
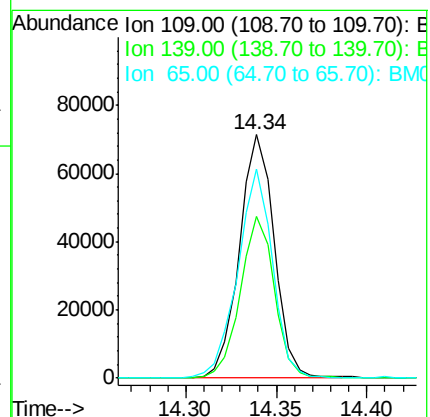
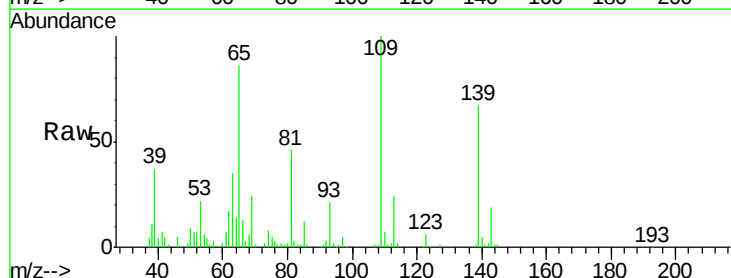
Tgt Ion:109 Resp: 95515

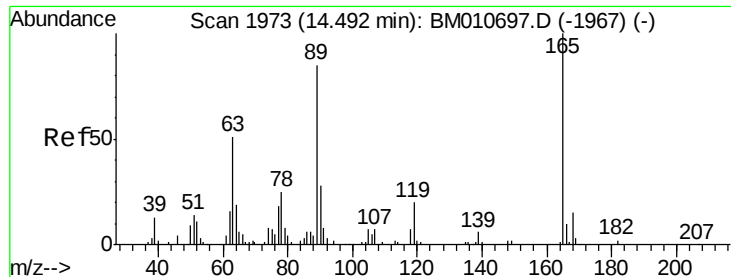
Ion Ratio Lower Upper

109 100

139 66.5 66.6 100.0#

65 86.0 78.3 117.5

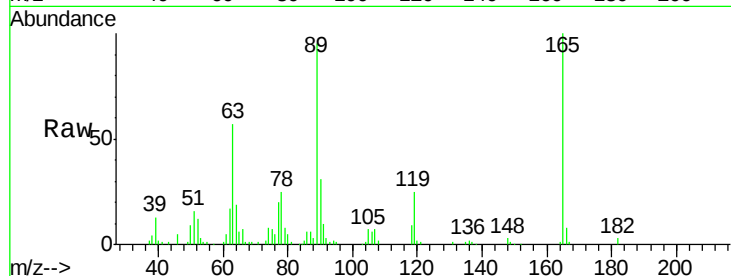




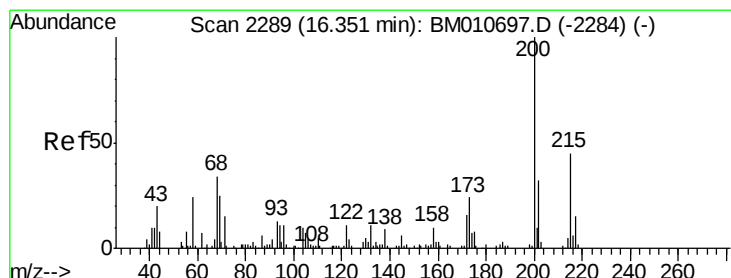
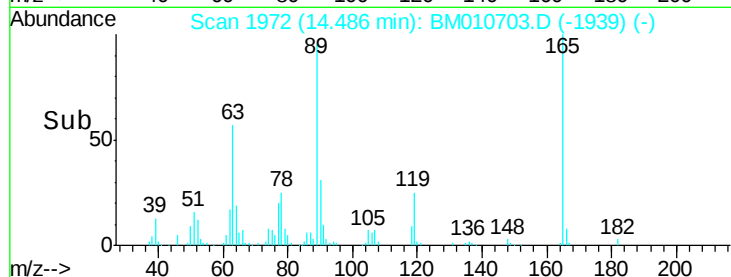
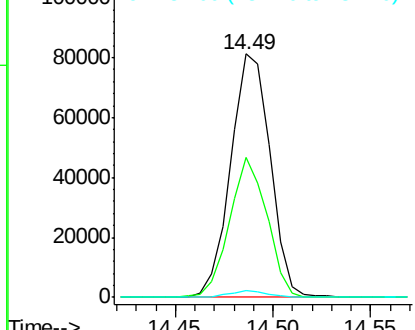
#54
 2,4-Dinitrotoluene
 Concen: 20.913 ng/ul
 RT: 14.49 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Instrument :
 BNA_M
 ClientSampled :
 H2TR7MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	45.8	68.8
182	2.9	2.6	4.0

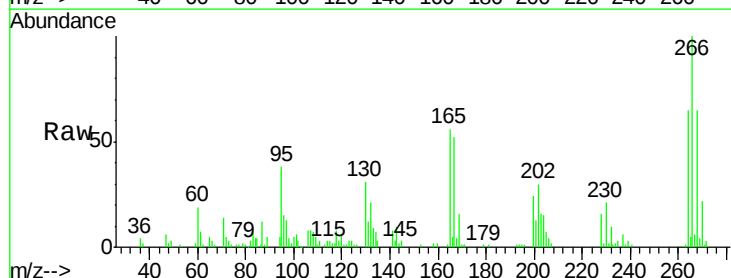


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM010697.D (-1967) (-)
 Ion 182.00 (181.70 to 182.70): E

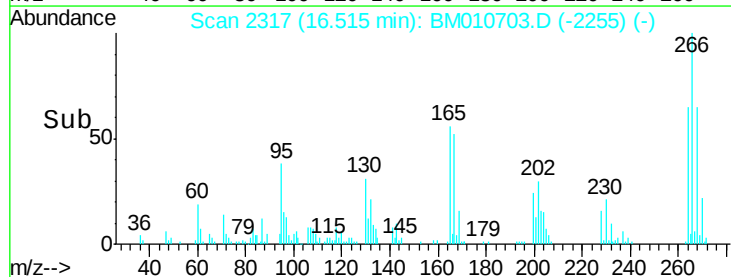
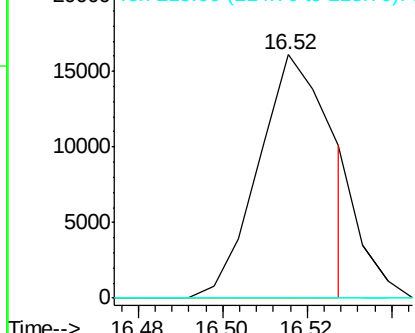


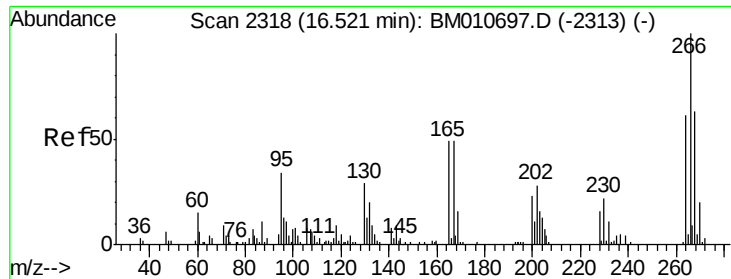
#67
 Atrazine
 Concen: 2.860 ng/ul
 RT: 16.52 min Scan# 2317
 Delta R.T. 0.16 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	18.2	27.2#
215	0.0	35.0	52.4#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

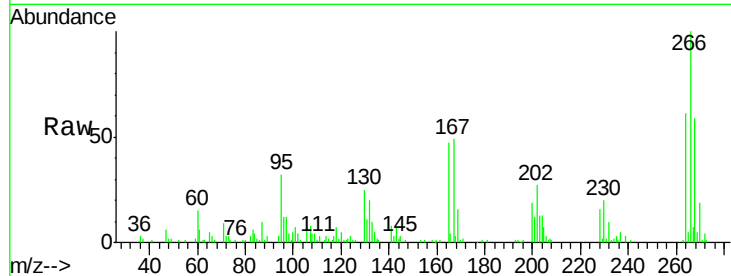




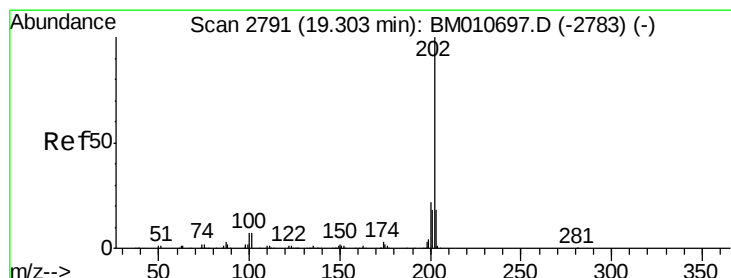
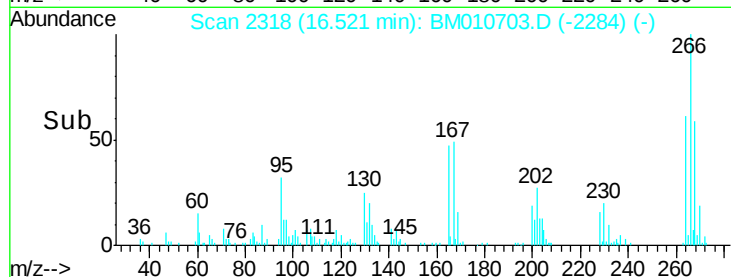
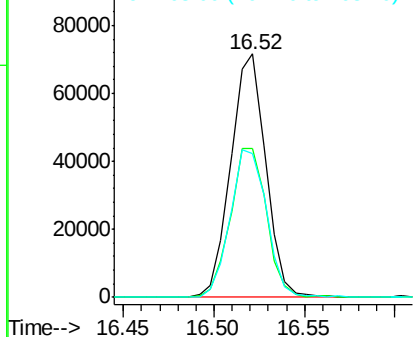
#68
 Pentachlorophenol
 Concen: 19.526 ng/ul
 RT: 16.52 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Instrument :
 BNA_M
 ClientSampleId :
 H2TR7MSD

Tgt Ion:266 Resp: 96425
 Ion Ratio Lower Upper
 266 100
 264 61.1 49.3 73.9
 268 59.0 52.6 78.8

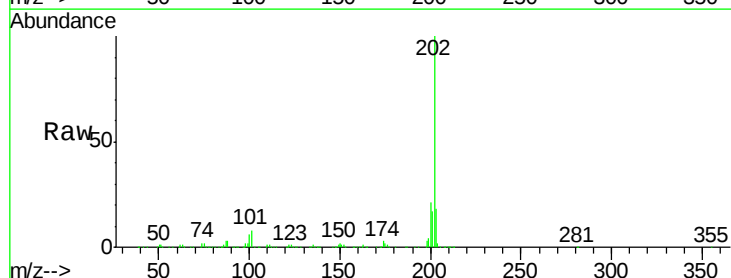


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 22.162 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM010703.D
 Acq: 23 Jun 2017 23:02

Tgt Ion:202 Resp: 794009
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.1 7.7
 100 5.9 4.9 7.3



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

