

Data File : BM010350.D
Acq On : 01 Jun 2017 12:00
Operator : SJ/MA
Sample : I3164-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSG6MSD

Quant Time: Jun 02 00:59:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 02 00:58:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	338319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1243686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	721521	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1653773	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2233973	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2302717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	24235	2.94	ng/uL	0.00
5) Phenol-d5	7.10	99	509284	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	311480	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	457452	22.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	416291	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	212527	23.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	232685	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	476504	21.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	7679	0.37	ng/ul	0.01
43) Dimethylphthalate-d6	13.97	166	1530584	25.53	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1765499	25.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	66370	7.40	ng/ul	0.00
57) Fluorene-d10	15.54	176	1305939	24.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	200731	17.14	ng/ul	0.00
70) Anthracene-d10	17.40	188	1962345	24.39	ng/ul	0.00
76) Pyrene-d10	19.69	212	2433317	26.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2704383	25.23	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.13	94	482087	18.34	ng/ul	98
10) 2-Chlorophenol	7.49	128	359422	17.53	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.72	70	287224	17.02	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.02	107	376512	18.42	ng/ul	98
44) Dimethylphthalate	14.02	163	287942	4.88	ng/ul	98
49) Acenaphthene	14.62	153	981500	20.48	ng/ul	98
52) 4-Nitrophenol	14.81	109	69299	5.64	ng/ul	90
54) 2,4-Dinitrotoluene	14.93	165	328479	20.70	ng/ul#	94
68) Pentachlorophenol	16.94	266	224936	16.58	ng/ul	96
77) Pyrene	19.72	202	2468698	21.44	ng/ul#	98

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

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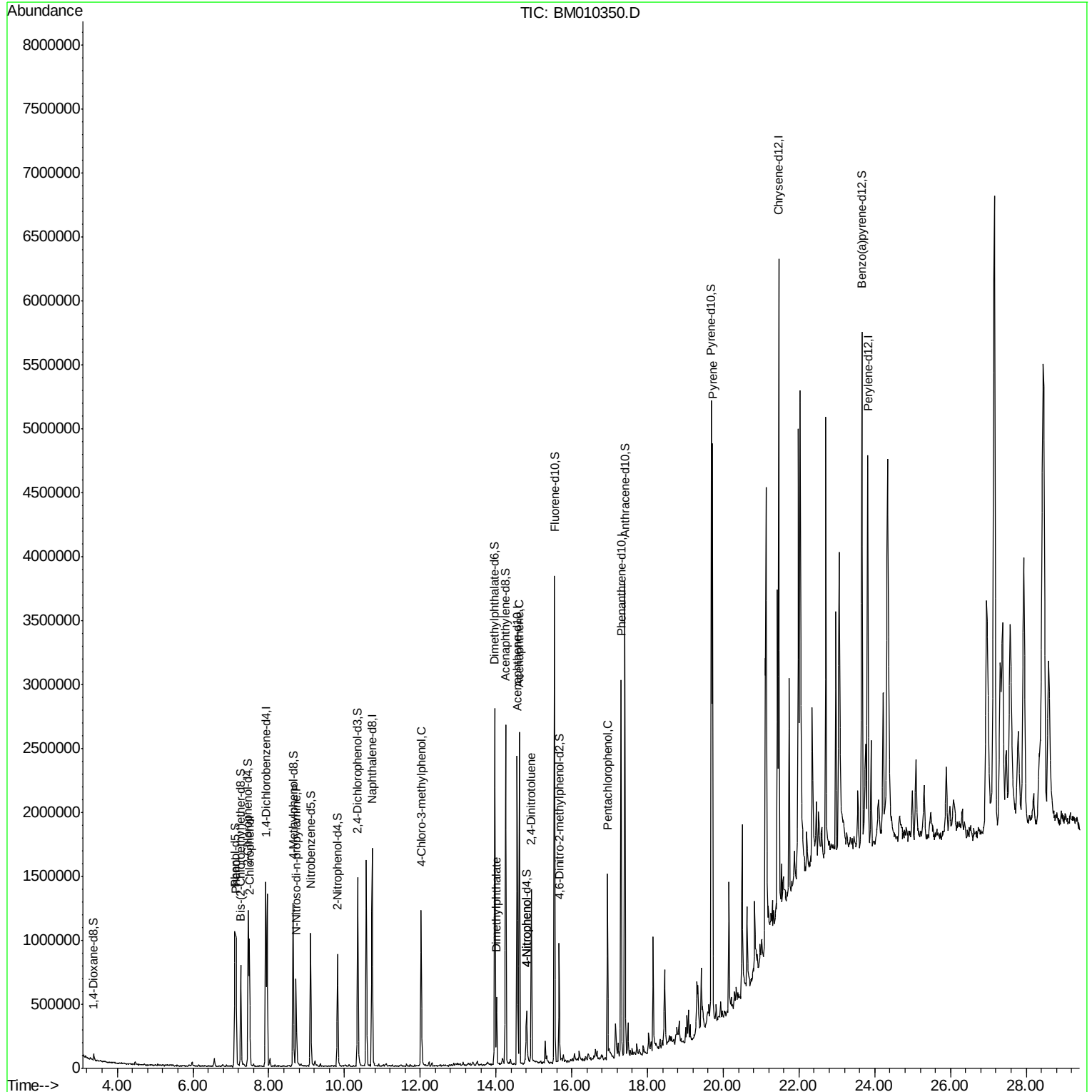
Quant Time: Jun 02 00:59:12 2017

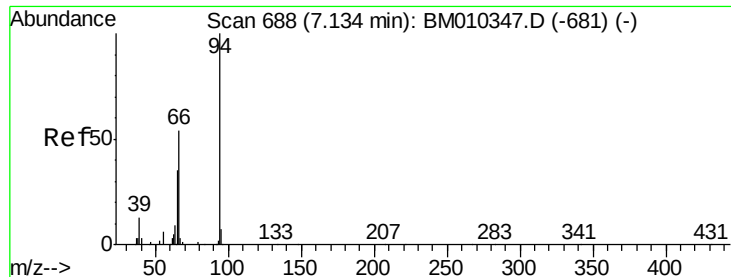
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 02 00:58:56 2017

Response via : Initial Calibration





#6

Phenol

Concen: 18.34 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

Instrument :

BNA_M

ClientSampleId :

JHSG6MSD

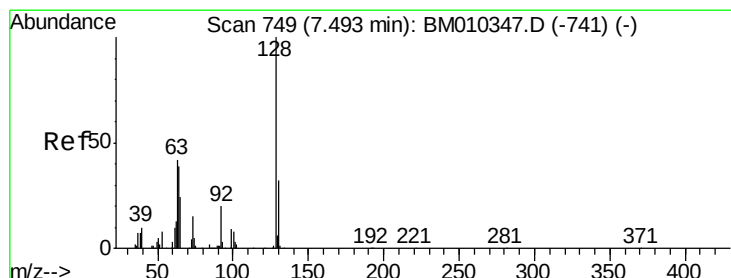
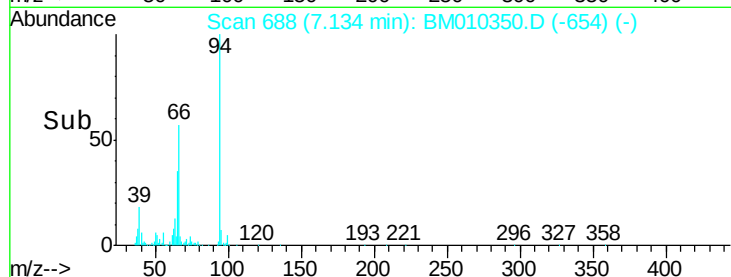
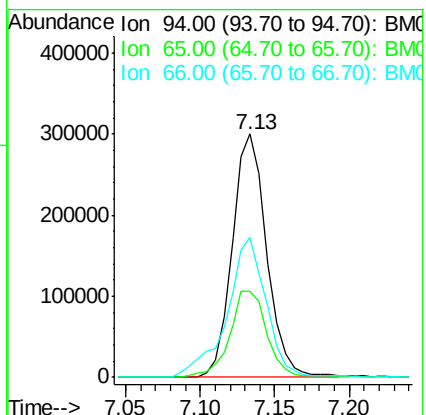
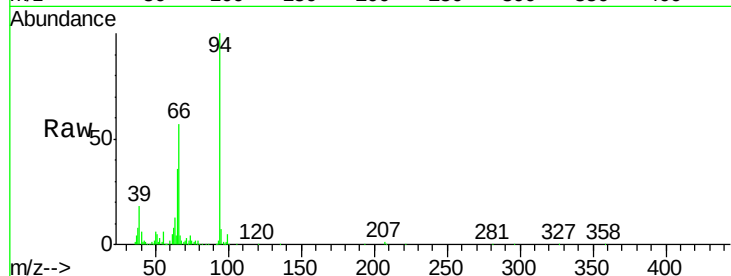
Tgt Ion: 94 Resp: 482087

Ion Ratio Lower Upper

94 100

65 35.5 28.2 42.4

66 57.2 47.2 70.8



#10

2-Chlorophenol

Concen: 17.53 ng/ul

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

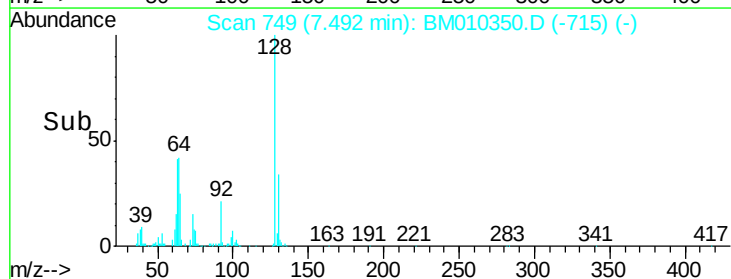
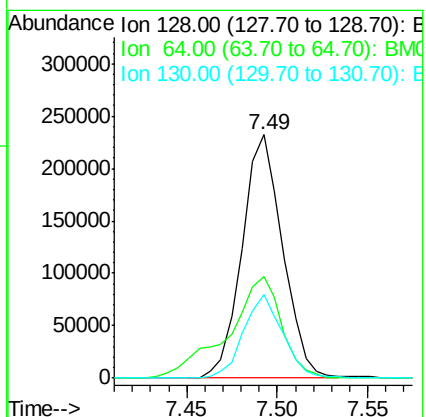
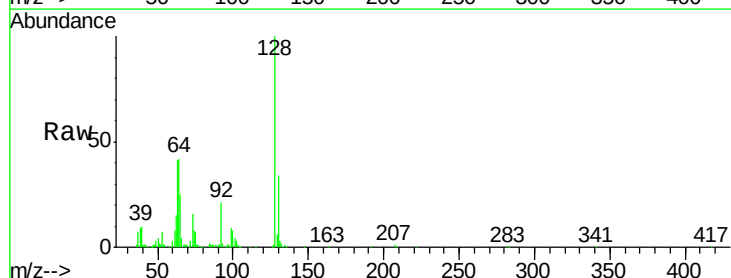
Tgt Ion: 128 Resp: 359422

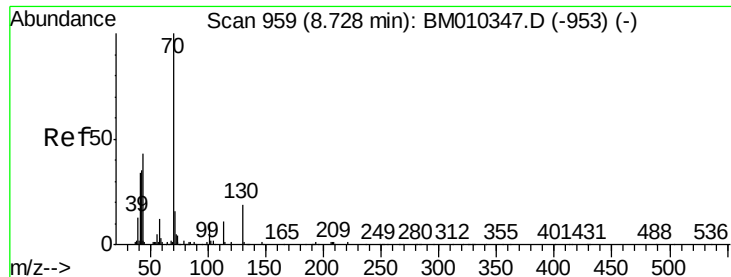
Ion Ratio Lower Upper

128 100

64 41.8 38.0 57.0

130 34.2 24.4 36.6





#15

N-Nitroso-di-n-propylamine

Concen: 17.02 ng/ul

RT: 8.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

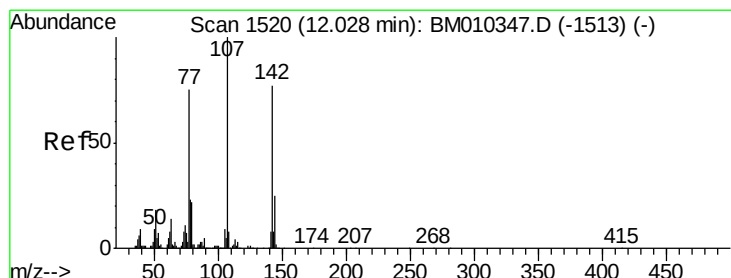
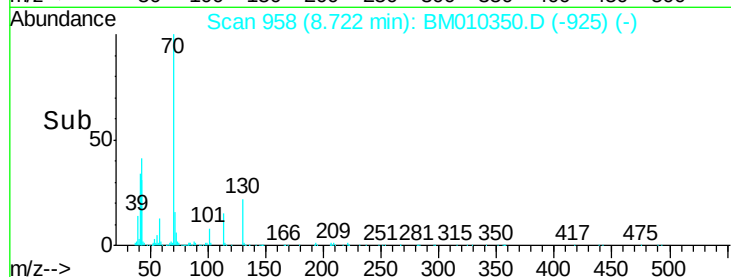
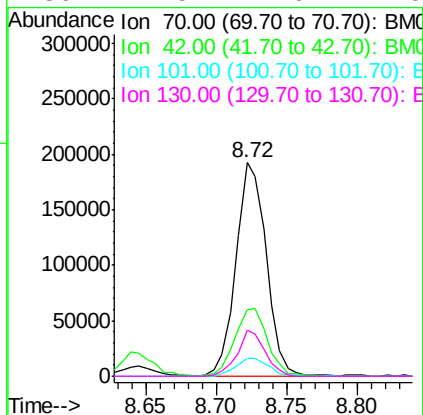
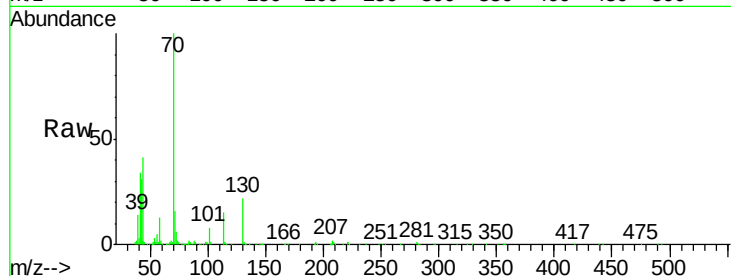
Instrument :

BNA_M

ClientSampleId :

JHSG6MSD

Tgt Ion:	70	Resp:	287224
Ion	Ratio	Lower	Upper
70	100		
42	31.2	41.1	61.7#
101	8.3	6.7	10.1
130	21.5	14.6	22.0



#33

4-Chloro-3-methylphenol

Concen: 18.42 ng/ul

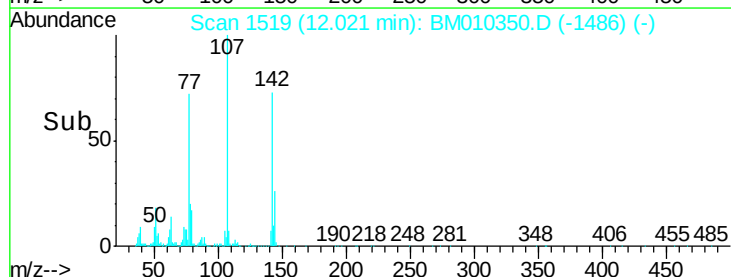
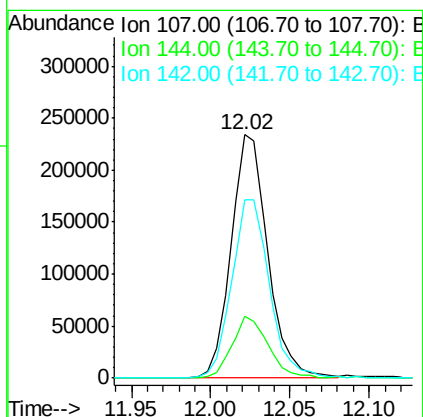
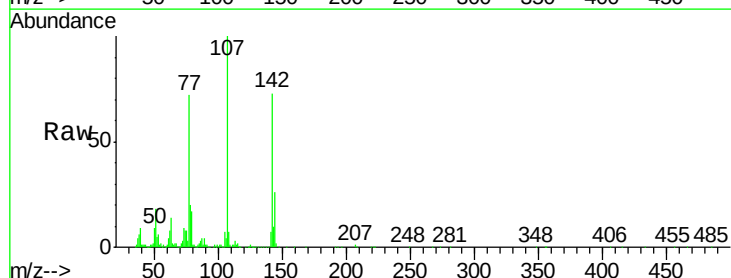
RT: 12.02 min Scan# 1519

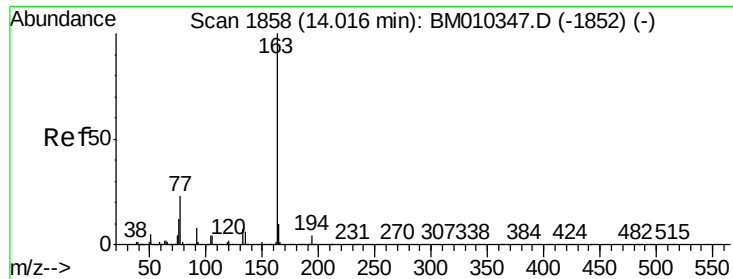
Delta R.T. -0.01 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

Tgt Ion:	107	Resp:	376512
Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.4	30.6
142	73.3	60.5	90.7

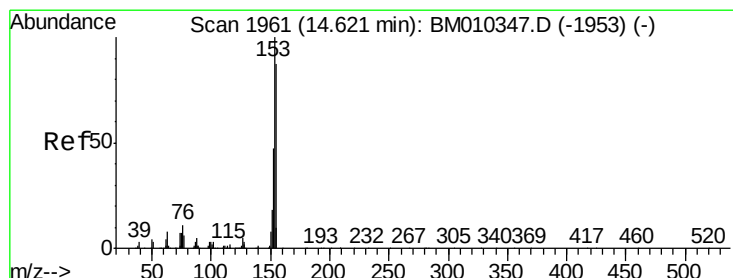
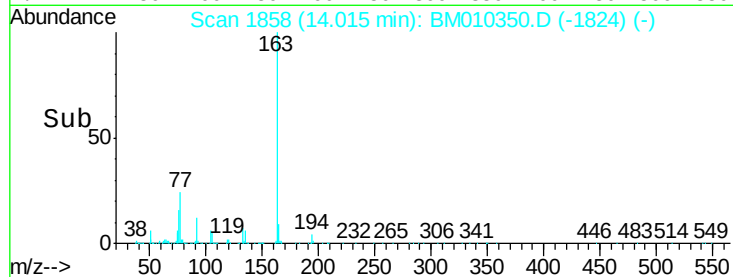
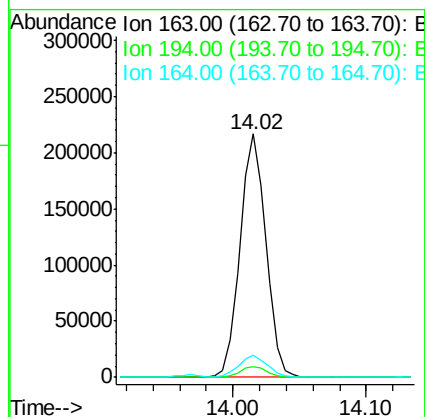
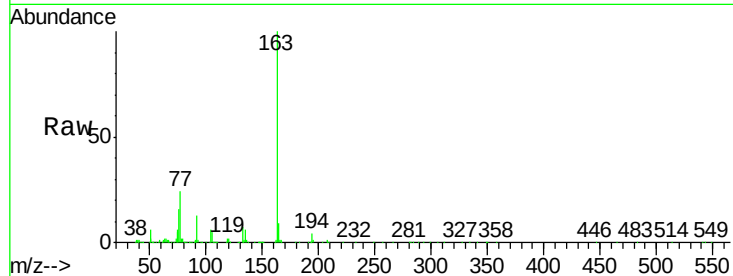




#44
Dimethylphthalate
Concen: 4.88 ng/ul
RT: 14.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM010350.D
Acq: 01 Jun 2017 12:00

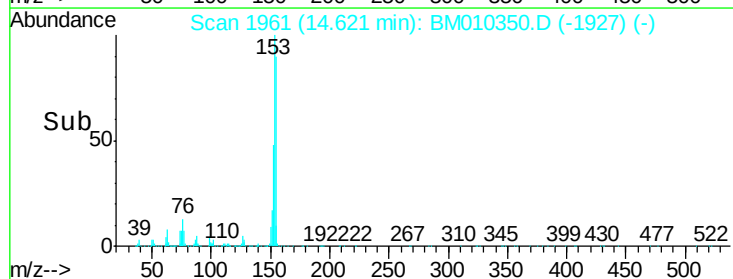
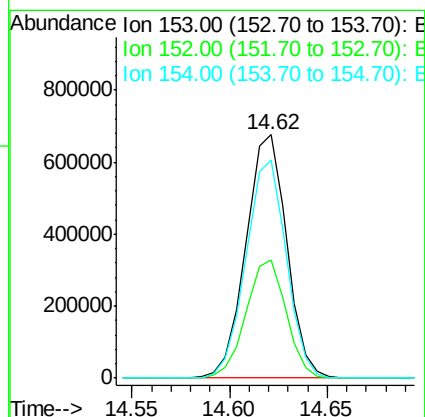
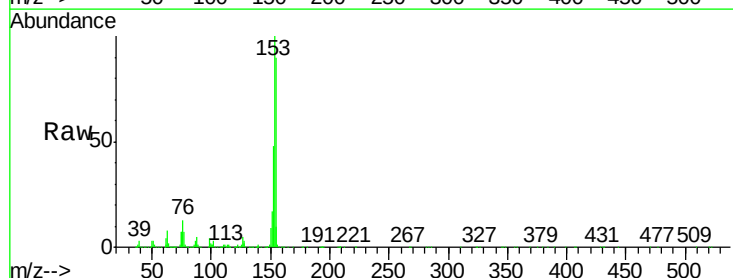
Instrument :
BNA_M
ClientSampleId :
JHSG6MSD

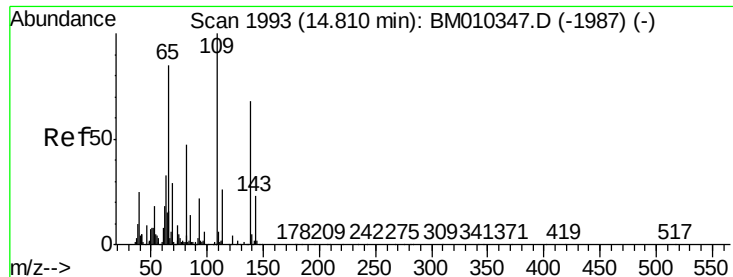
Tgt Ion:163 Resp: 287942
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.2 8.2 12.4



#49
Acenaphthene
Concen: 20.48 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM010350.D
Acq: 01 Jun 2017 12:00

Tgt Ion:153 Resp: 981500
Ion Ratio Lower Upper
153 100
152 48.3 37.6 56.4
154 89.7 70.4 105.6

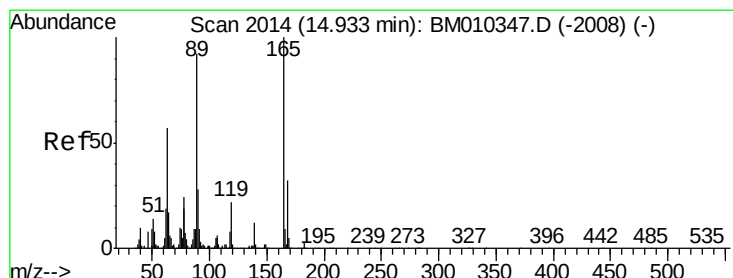
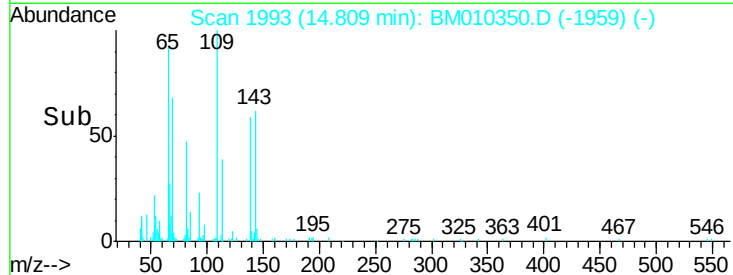
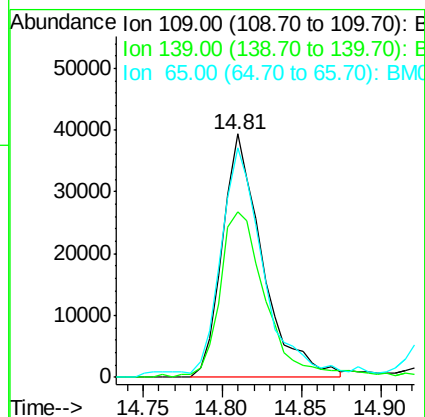
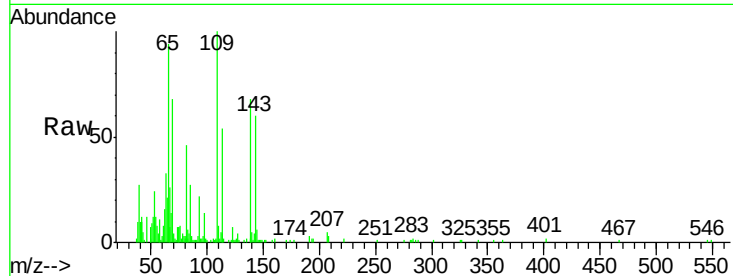




#52
4-Nitrophenol
Concen: 5.64 ng/ul
RT: 14.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM010350.D
Acq: 01 Jun 2017 12:00

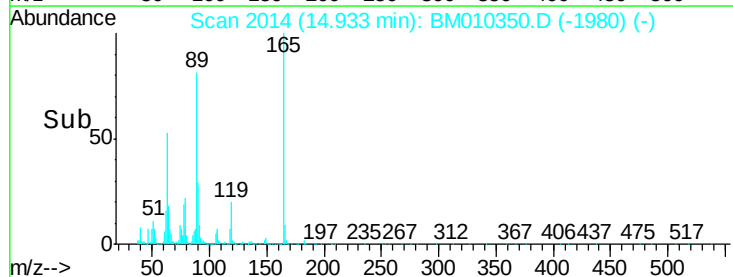
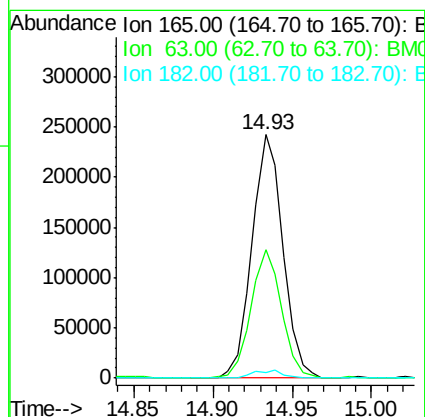
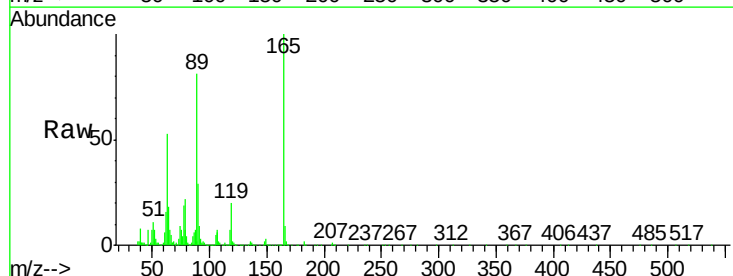
Instrument :
BNA_M
ClientSampleId :
JHSG6MSD

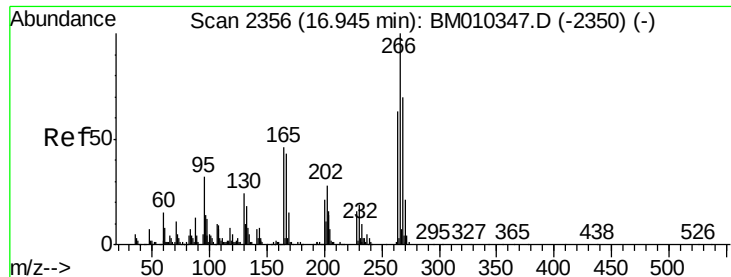
Tgt Ion:109 Resp: 69299
Ion Ratio Lower Upper
109 100
139 68.2 66.6 100.0
65 94.3 78.3 117.5



#54
2,4-Dinitrotoluene
Concen: 20.70 ng/ul
RT: 14.93 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BM010350.D
Acq: 01 Jun 2017 12:00

Tgt Ion:165 Resp: 328479
Ion Ratio Lower Upper
165 100
63 52.9 45.8 68.8
182 2.3 2.6 4.0#





#68

Pentachlorophenol

Concen: 16.58 ng/ul

RT: 16.94 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

Instrument :

BNA_M

ClientSampleId :

JHSG6MSD

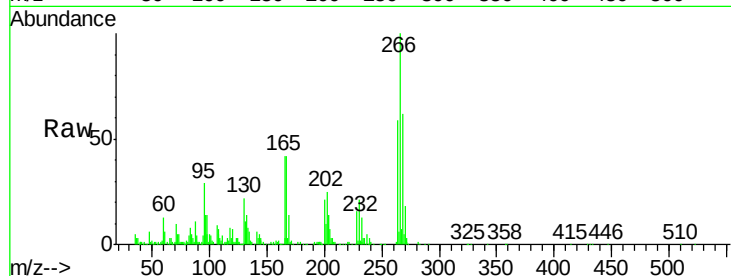
Tgt Ion:266 Resp: 224936

Ion Ratio Lower Upper

266 100

264 58.8 49.3 73.9

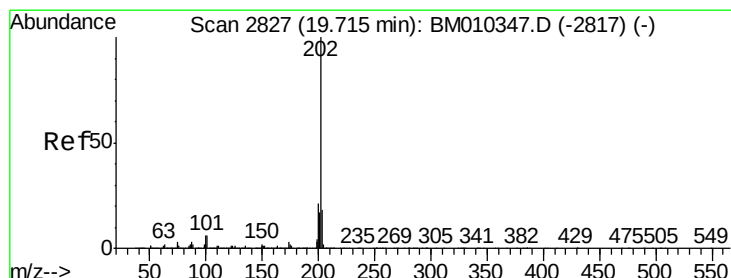
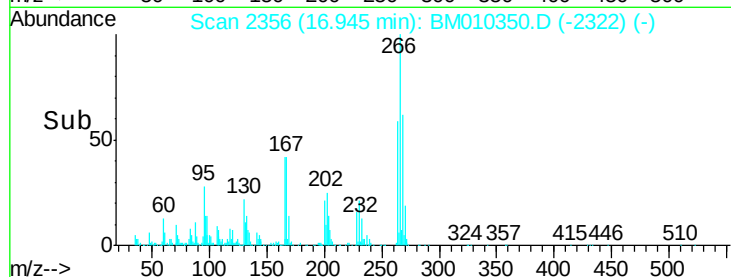
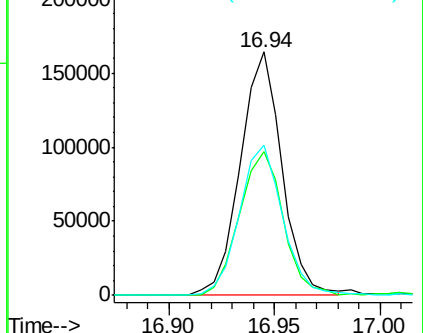
268 61.6 52.6 78.8



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: 21.44 ng/ul

RT: 19.72 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BM010350.D

Acq: 01 Jun 2017 12:00

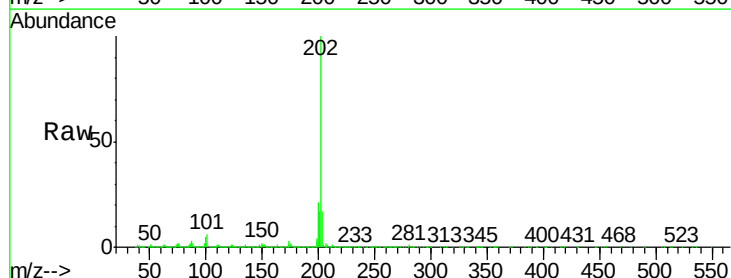
Tgt Ion:202 Resp: 2468698

Ion Ratio Lower Upper

202 100

101 6.2 5.1 7.7

100 4.8 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

