

Data File : BM009030.D
Acq On : 24 Feb 2017 23:21
Operator : SJ/MA
Sample : I1940-20MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABR2MS

Quant Time: Feb 25 00:31:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	157608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	602921	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	356260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	887005	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1181007	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1154006	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	15518	3.95	ng/uL	0.00
5) Phenol-d5	7.05	99	278617	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	214209	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	188442	19.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	209183	19.94	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	95475	22.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	94322	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	191493	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	243783	23.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	638058	26.60	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	746413	25.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	89015	21.25	ng/ul	0.00
57) Fluorene-d10	15.53	176	592354	26.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	78052	14.62	ng/ul	0.00
70) Anthracene-d10	17.38	188	956295	22.77	ng/ul	0.00
76) Pyrene-d10	19.67	212	1168254	22.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1185144	22.62	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	7.07	94	313738	20.81	ng/ul#	70
10) 2-Chlorophenol	7.46	128	188470	19.01	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.70	70	226428	20.33	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.97	107	227856	20.30	ng/ul#	96
44) Dimethylphthalate	13.99	163	432029	18.00	ng/ul#	99
49) Acenaphthene	14.60	153	516761	25.06	ng/ul	95
52) 4-Nitrophenol	14.74	109	126970	23.66	ng/ul#	78
54) 2,4-Dinitrotoluene	14.90	165	172014	25.46	ng/ul#	67
68) Pentachlorophenol	16.93	266	125929	18.33	ng/ul	94
77) Pyrene	19.70	202	1476902	22.39	ng/ul#	97

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

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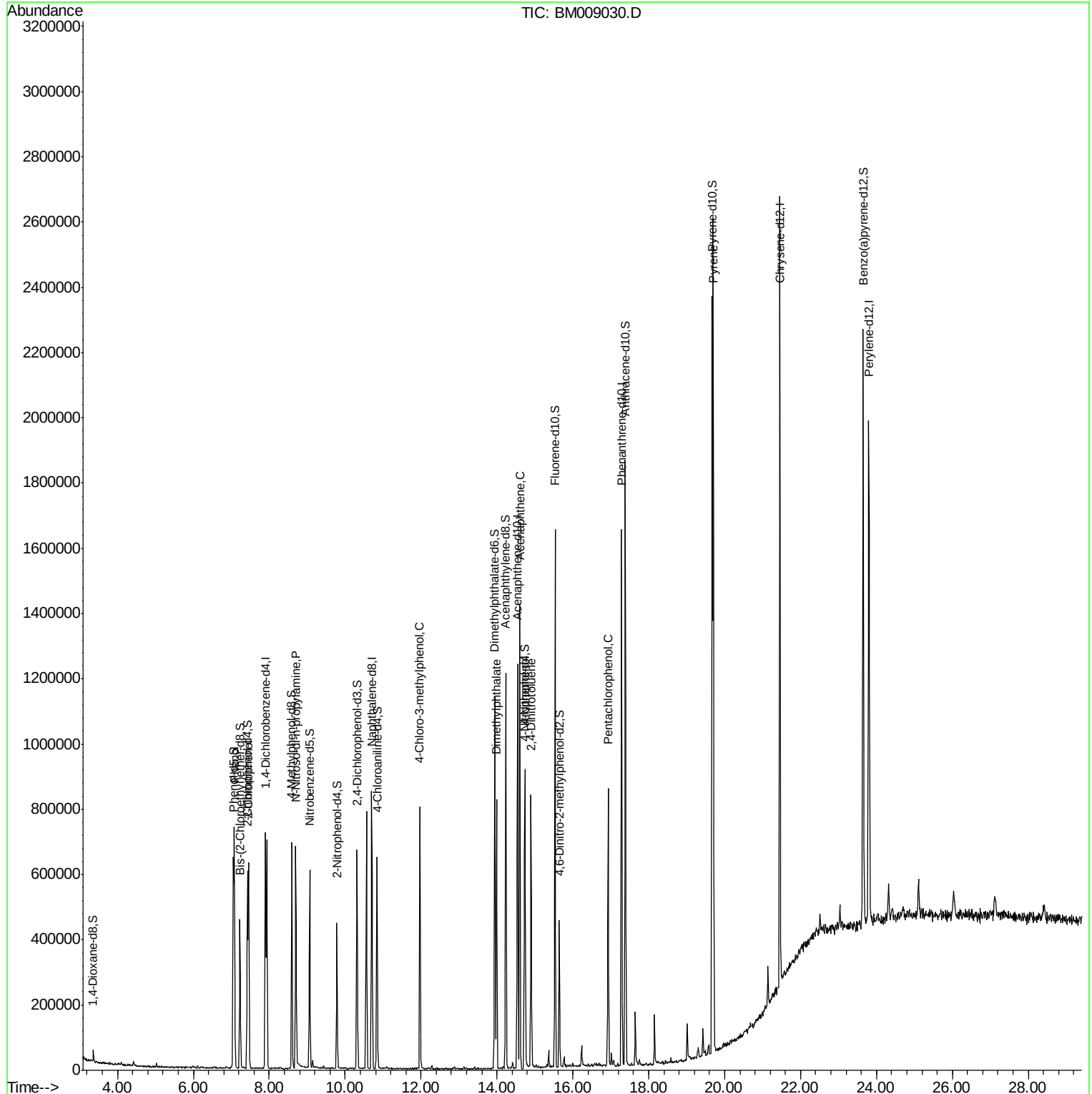
Quant Time: Feb 25 00:31:32 2017

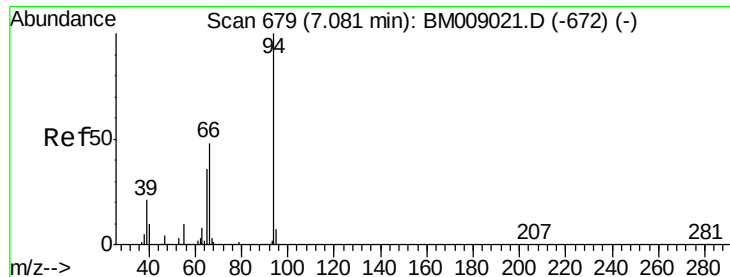
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 25 00:25:23 2017

Response via : Initial Calibration





#6

Phenol

Concen: 20.81 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM009030.D

Acq: 24 Feb 2017 23:21

Instrument :

BNA_M

ClientSampleId :

DABR2MS

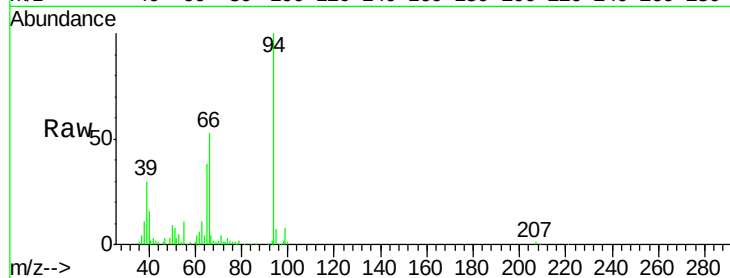
Tgt Ion: 94 Resp: 313738

Ion Ratio Lower Upper

94 100

65 38.3 39.8 59.6#

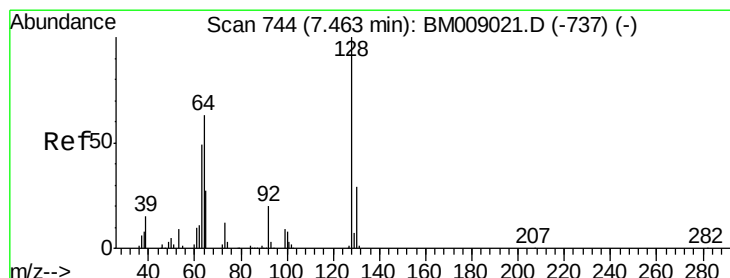
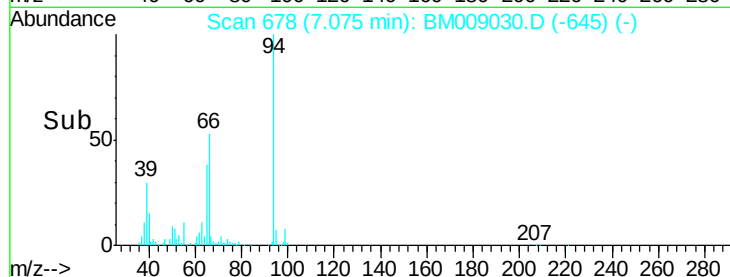
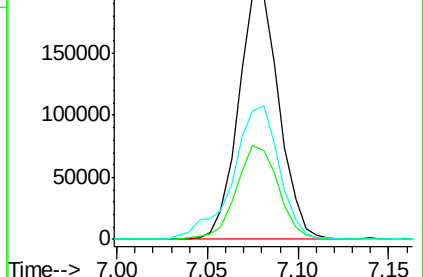
66 52.7 69.9 104.9#



Abundance Ion 94.00 (93.70 to 94.70): BM009021.D (-672) (-)

Ion 65.00 (64.70 to 65.70): BM009021.D (-672) (-)

Ion 66.00 (65.70 to 66.70): BM009021.D (-672) (-)



#10

2-Chlorophenol

Concen: 19.01 ng/ul

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM009030.D

Acq: 24 Feb 2017 23:21

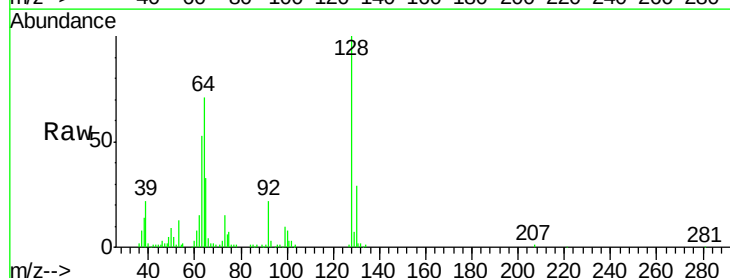
Tgt Ion: 128 Resp: 188470

Ion Ratio Lower Upper

128 100

64 70.9 76.6 115.0#

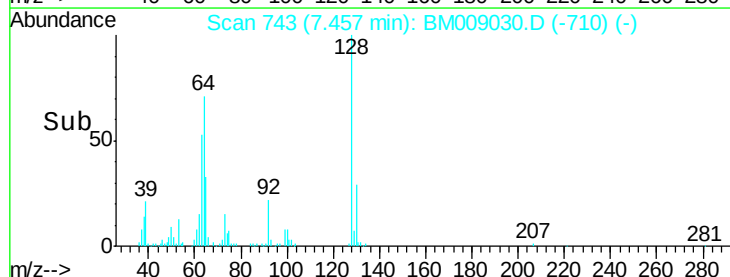
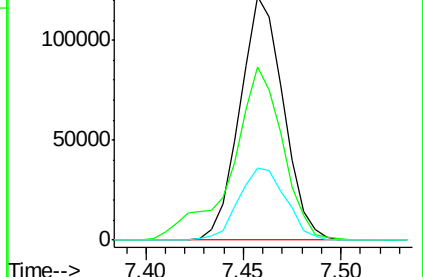
130 29.5 26.5 39.7

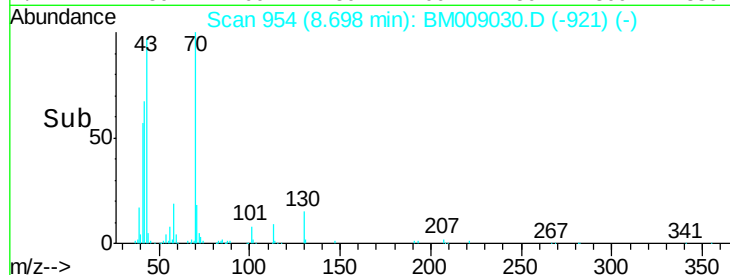
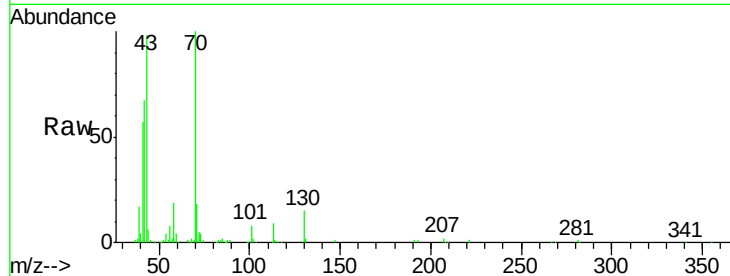
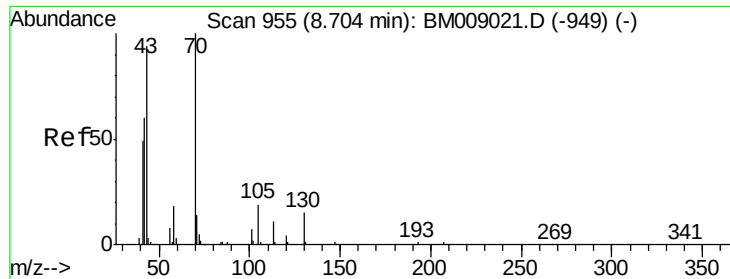


Abundance Ion 128.00 (127.70 to 128.70): BM009021.D (-737) (-)

Ion 64.00 (63.70 to 64.70): BM009021.D (-737) (-)

Ion 130.00 (129.70 to 130.70): BM009021.D (-737) (-)

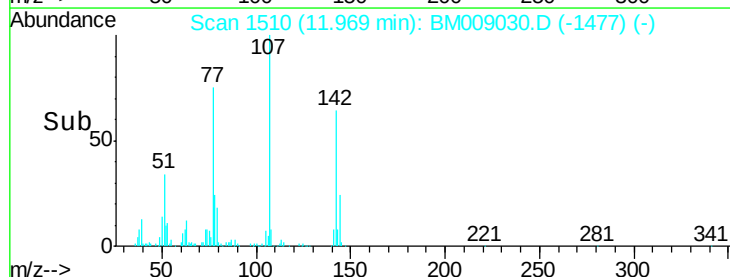
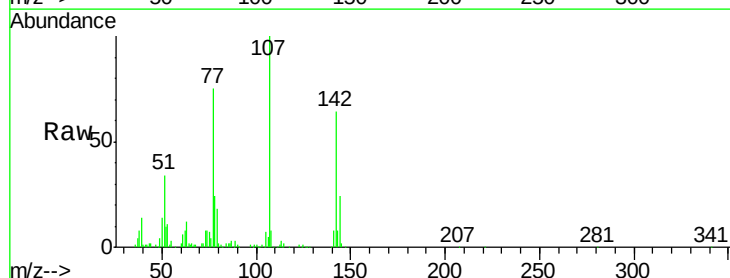
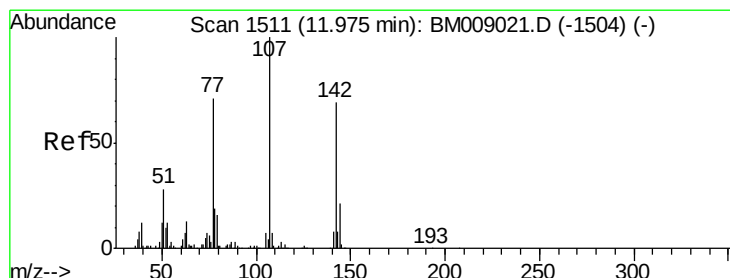
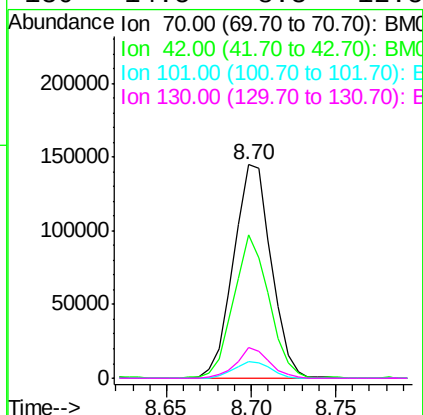




#15
N-Nitroso-di-n-propylamine
Concen: 20.33 ng/ul
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM009030.D
Acq: 24 Feb 2017 23:21

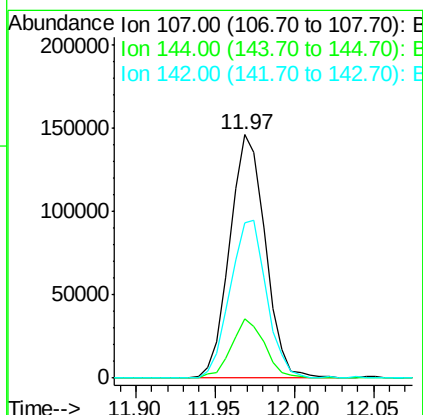
Instrument :
BNA_M
ClientSampleId :
DABR2MS

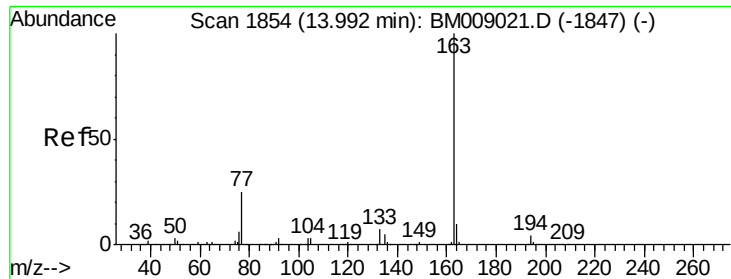
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.1	64.2	96.2
101	7.6	5.1	7.7
130	14.5	8.3	12.5#



#33
4-Chloro-3-methylphenol
Concen: 20.30 ng/ul
RT: 11.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009030.D
Acq: 24 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	14.4	21.6#
142	64.0	50.7	76.1





#44

Dimethylphthalate

Concen: 18.00 ng/ul

RT: 13.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM009030.D

Acq: 24 Feb 2017 23:21

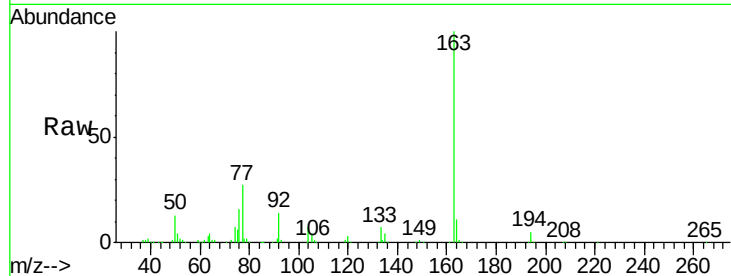
Instrument :

BNA_M

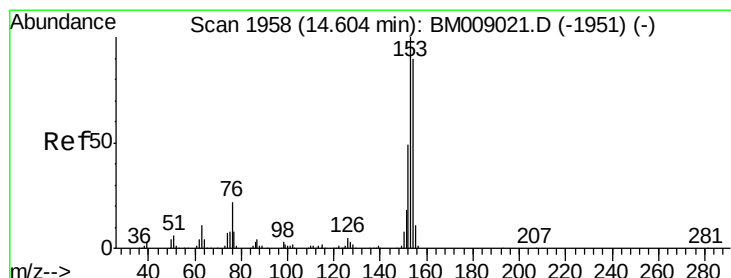
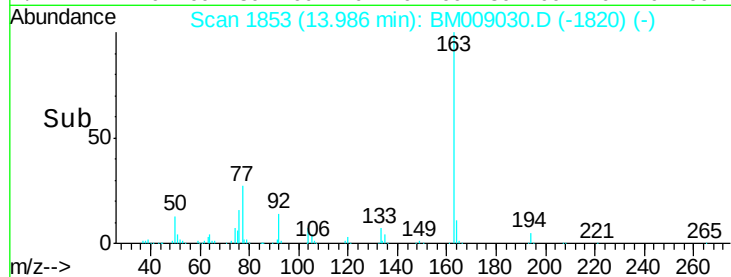
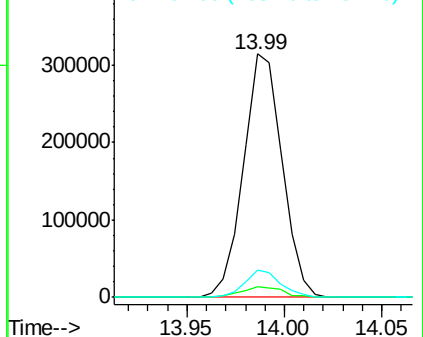
ClientSampleId :

DABR2MS

Tgt Ion:	163	Resp:	432029
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	11.1	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: 25.06 ng/ul

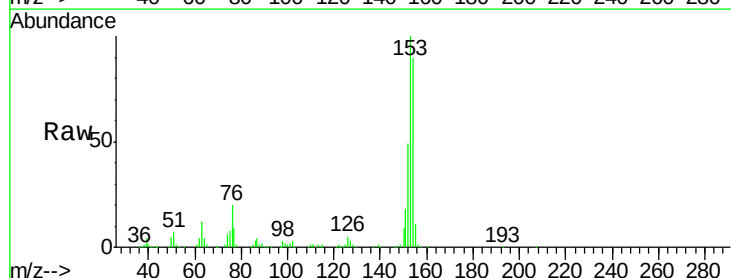
RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

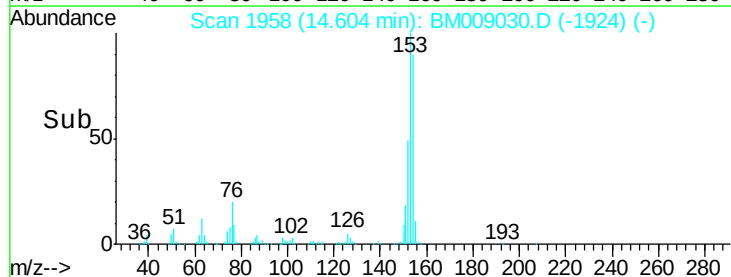
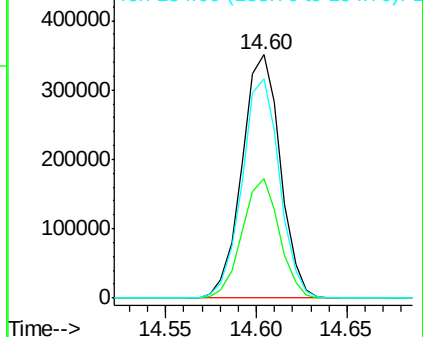
Lab File: BM009030.D

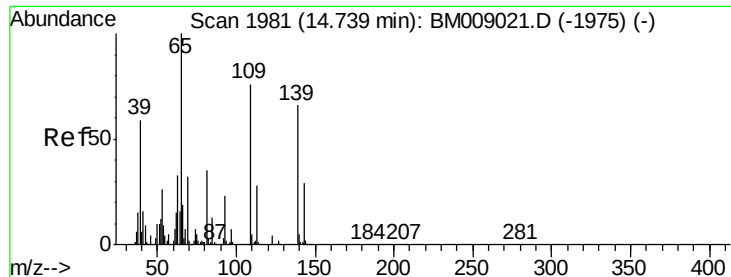
Acq: 24 Feb 2017 23:21

Tgt Ion:	153	Resp:	516761
Ion	Ratio	Lower	Upper
153	100		
152	49.1	36.7	55.1
154	90.0	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

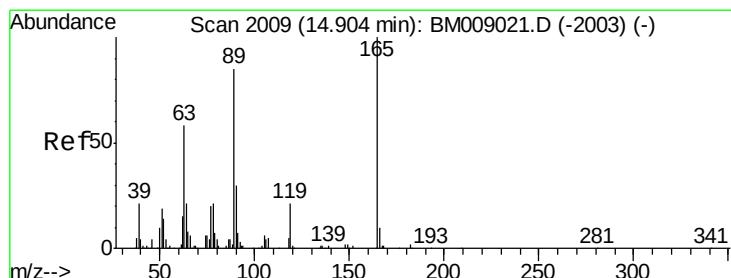
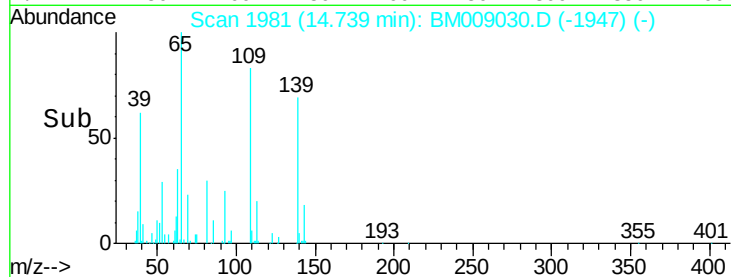
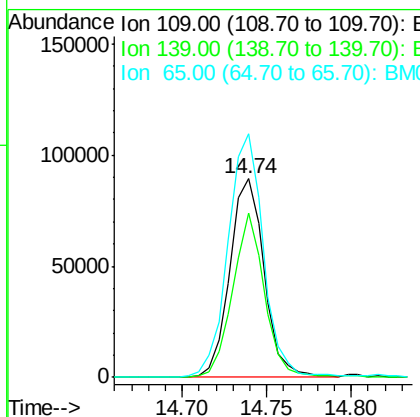
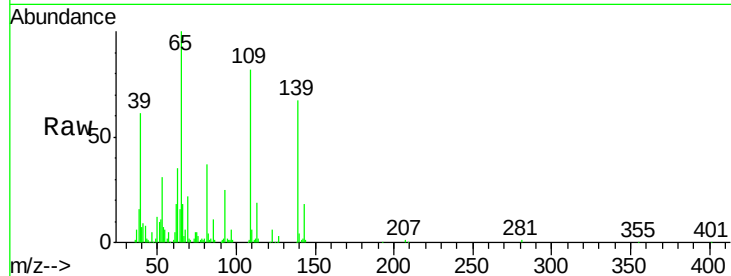




#52
4-Nitrophenol
Concen: 23.66 ng/ul
RT: 14.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM009030.D
Acq: 24 Feb 2017 23:21

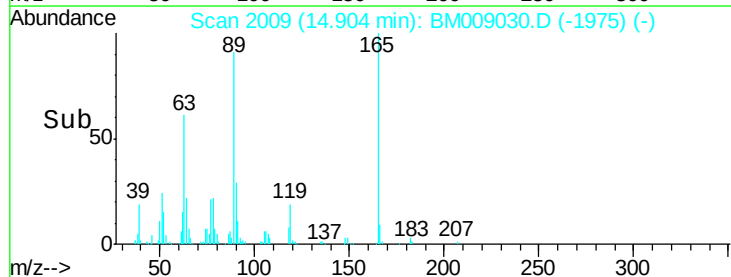
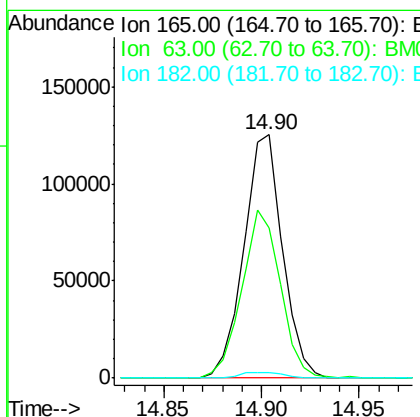
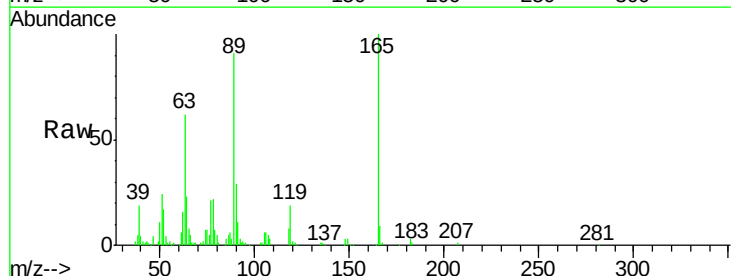
Instrument :
BNA_M
ClientSampleId :
DABR2MS

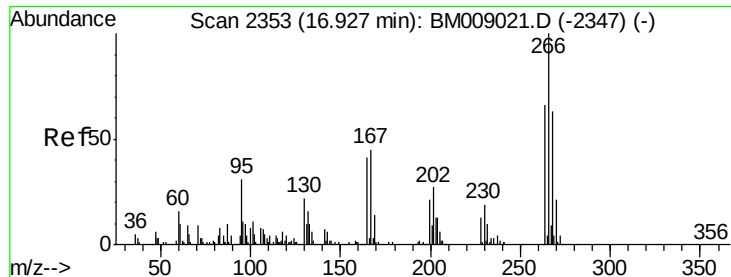
Tgt Ion:109 Resp: 126970
Ion Ratio Lower Upper
109 100
139 82.7 33.9 50.9#
65 122.6 92.2 138.2



#54
2,4-Dinitrotoluene
Concen: 25.46 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM009030.D
Acq: 24 Feb 2017 23:21

Tgt Ion:165 Resp: 172014
Ion Ratio Lower Upper
165 100
63 61.8 75.7 113.5#
182 2.5 1.7 2.5

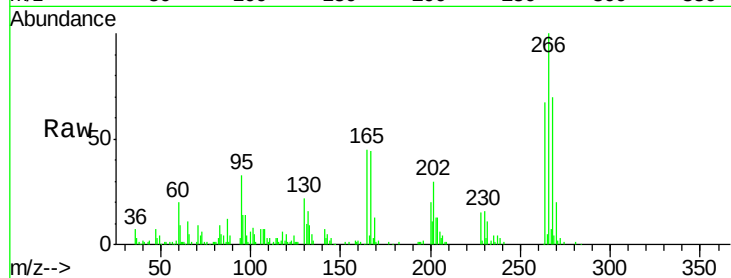




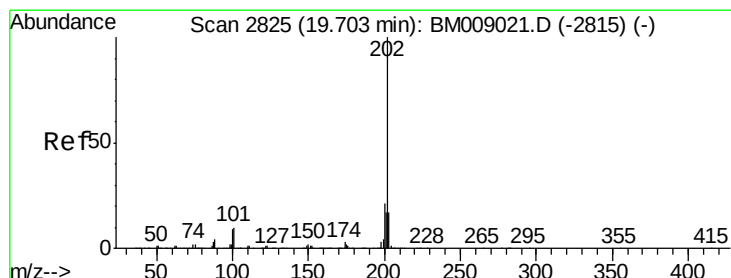
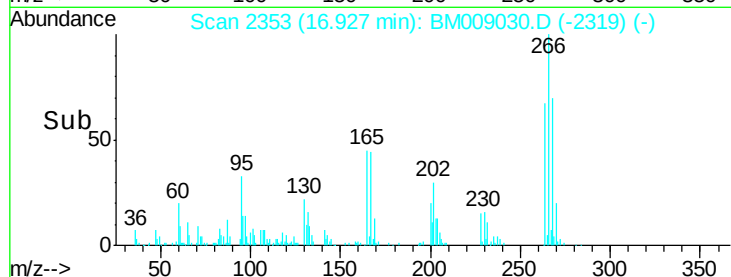
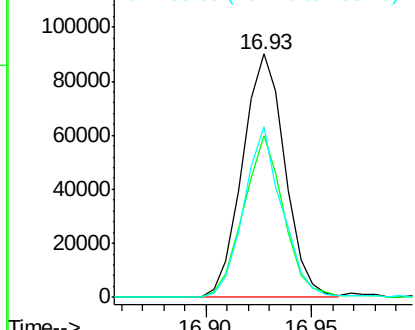
#68
 Pentachlorophenol
 Concen: 18.33 ng/ul
 RT: 16.93 min Scan# 2353
 Delta R.T. 0.00 min
 Lab File: BM009030.D
 Acq: 24 Feb 2017 23:21

Instrument :
 BNA_M
 ClientSampleId :
 DABR2MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.6	54.8	82.2
268	69.9	62.1	93.1

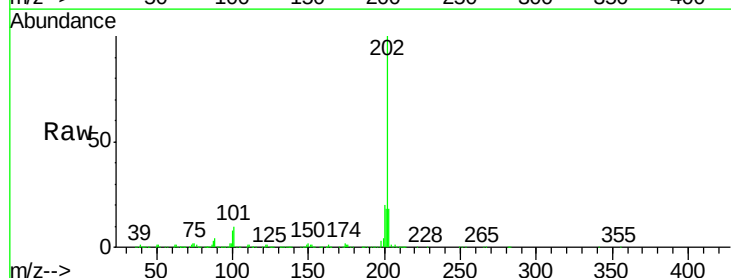


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 22.39 ng/ul
 RT: 19.70 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM009030.D
 Acq: 24 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.2	9.4#
100	8.2	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

