

Data File : BM009025.D
Acq On : 24 Feb 2017 20:16
Operator : SJ/MA
Sample : I1943-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ2MS

Quant Time: Feb 25 00:30:43 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	153756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	600436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	356606	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	897292	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1239503	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1230957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	21286	5.56	ng/uL	0.00
5) Phenol-d5	7.05	99	95783	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	339332	34.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	252929	27.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	172254	16.83	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	149863	34.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	163633	35.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	303792	31.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	10689	1.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1117196	46.54	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1275935	43.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	35761	8.53	ng/ul	0.00
57) Fluorene-d10	15.53	176	1011091	45.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	190381	35.26	ng/ul	0.00
70) Anthracene-d10	17.39	188	1729312	40.70	ng/ul	0.00
76) Pyrene-d10	19.67	212	2108852	39.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	2280914	40.81	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	69213	15.47	ng/uL#	71
6) Phenol	7.07	94	104892	7.13	ng/ul#	65
10) 2-Chlorophenol	7.46	128	260227	26.90	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.70	70	364226	33.52	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.97	107	342286	30.62	ng/ul#	96
45) 2,6-Dinitrotoluene	13.95	165	7183	1.57	ng/ul#	13
49) Acenaphthene	14.60	153	877603	42.52	ng/ul	98
52) 4-Nitrophenol	14.74	109	50828	9.46	ng/ul#	63
54) 2,4-Dinitrotoluene	14.90	165	324215	47.95	ng/ul#	69
68) Pentachlorophenol	16.93	266	269632	38.80	ng/ul	89
77) Pyrene	19.70	202	2728525	39.41	ng/ul#	95

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

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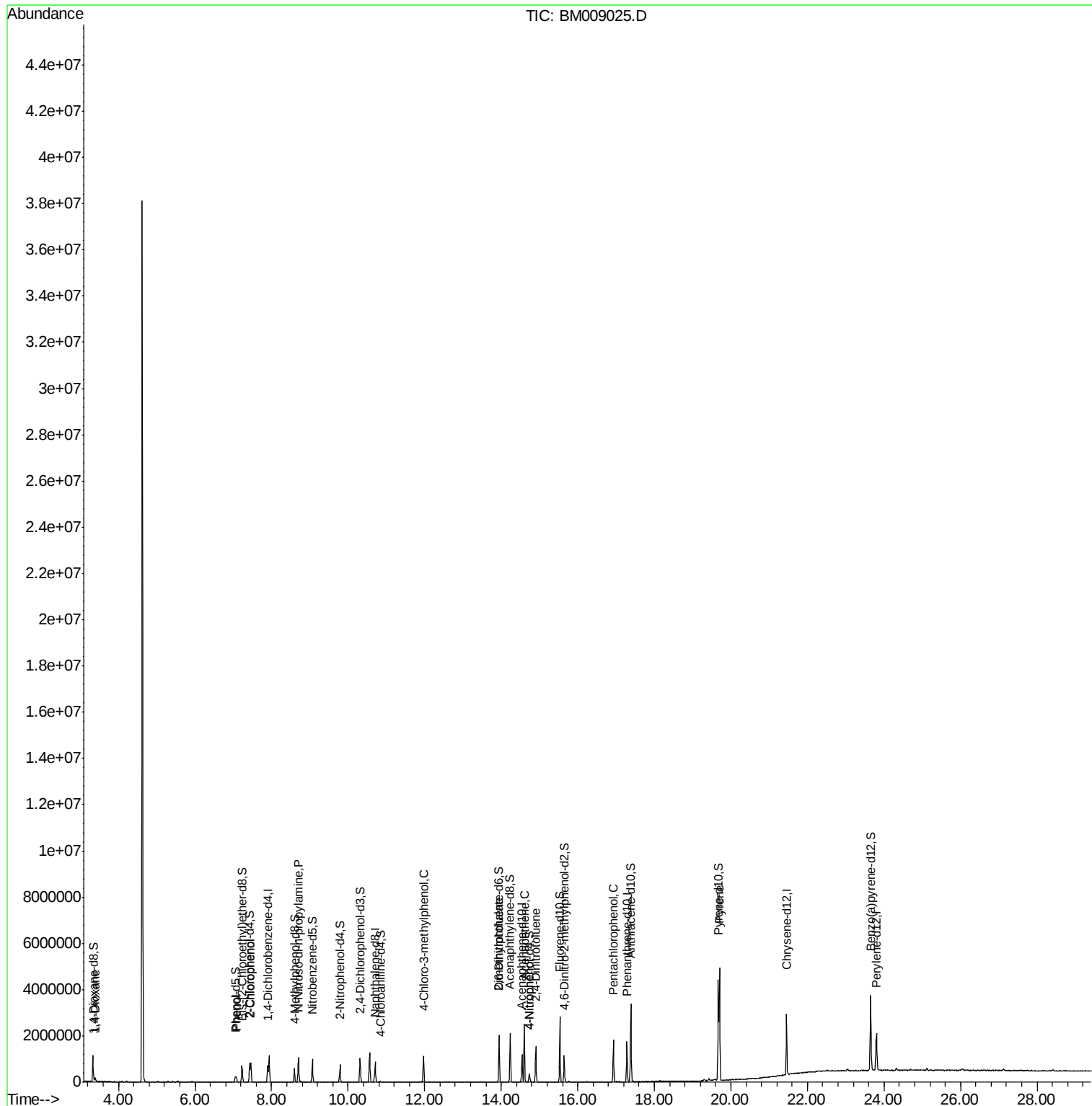
Quant Time: Feb 25 00:30:43 2017

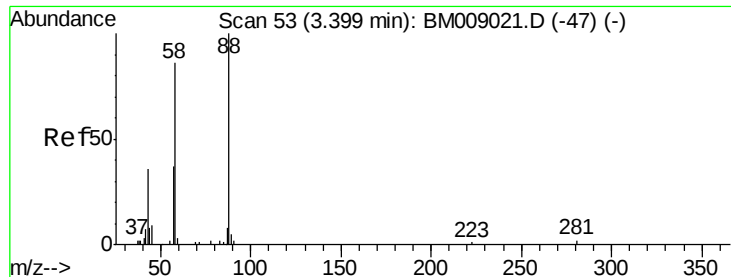
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 15.47 ng/uL

RT: 3.39 min Scan# 52

Delta R.T. -0.01 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

Instrument :

BNA_M

ClientSampleId :

DABQ2MS

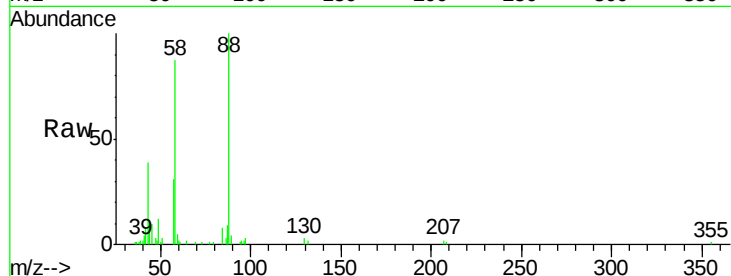
Tgt Ion: 88 Resp: 69213

Ion Ratio Lower Upper

88 100

43 40.9 59.0 88.4#

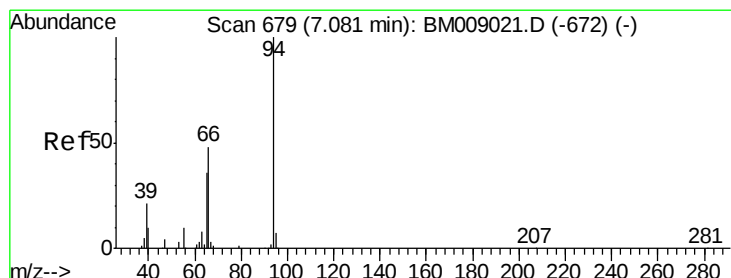
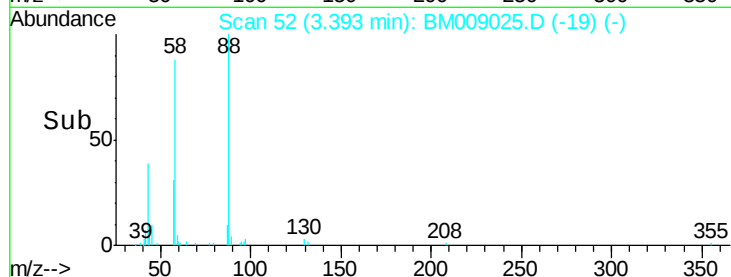
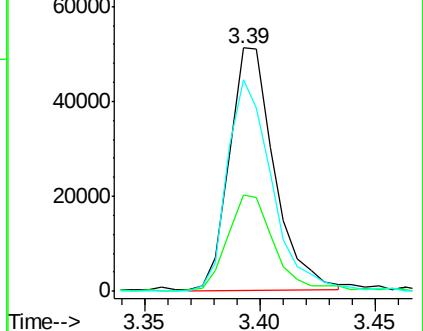
58 86.6 87.4 131.2#



Abundance Ion 88.00 (87.70 to 88.70): BM009021.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM009021.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM009021.D (-47) (-)



#6

Phenol

Concen: 7.13 ng/uL

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

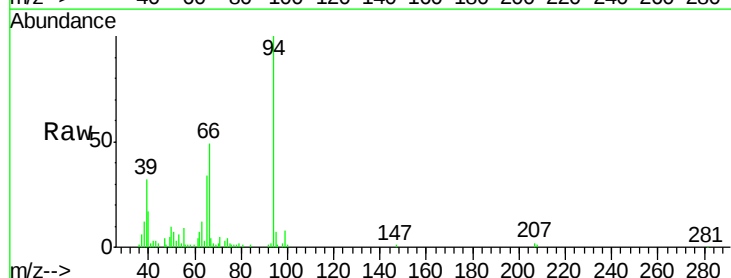
Tgt Ion: 94 Resp: 104892

Ion Ratio Lower Upper

94 100

65 33.8 39.8 59.6#

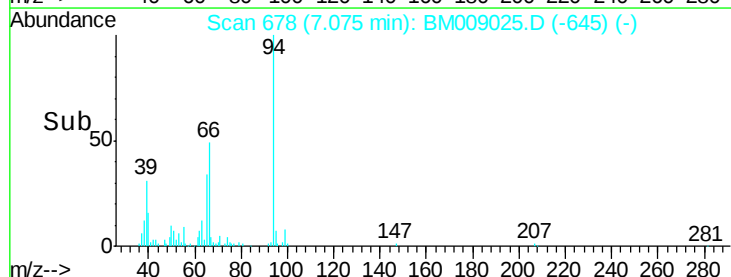
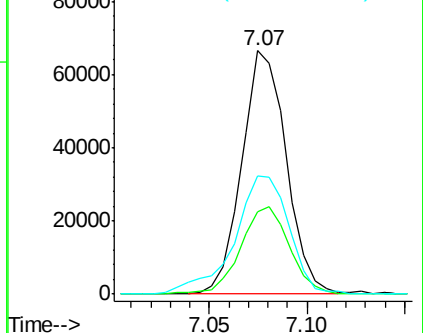
66 48.7 69.9 104.9#

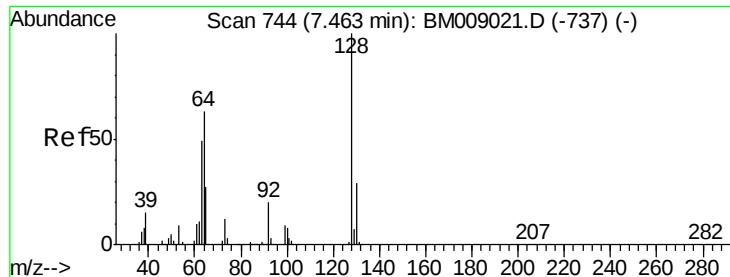


Abundance Ion 94.00 (93.70 to 94.70): BM009021.D (-672) (-)

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

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

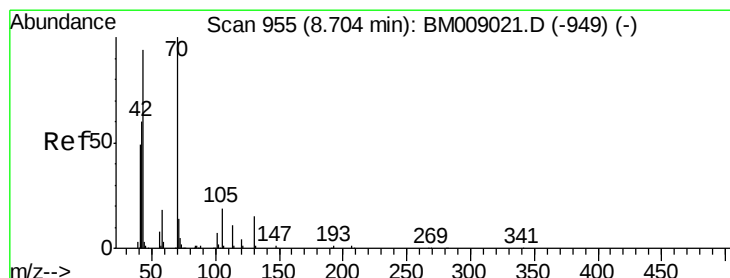
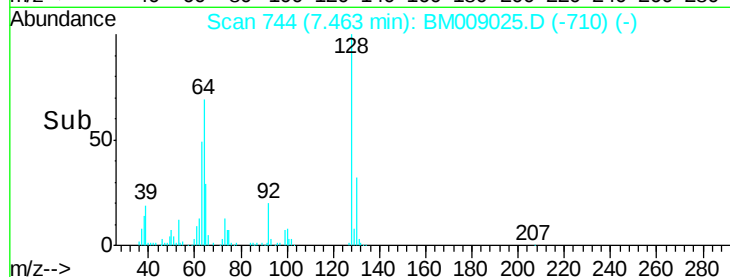
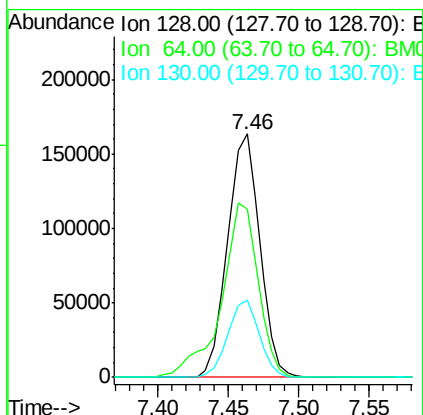
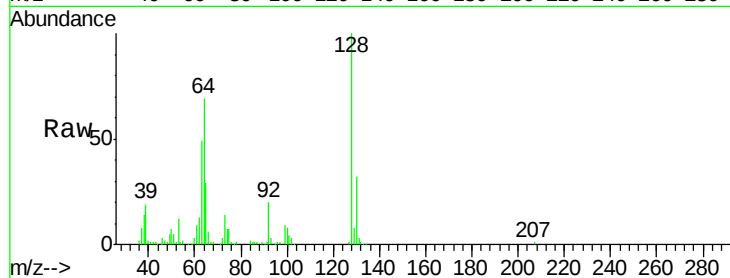




#10
 2-Chlorophenol
 Concen: 26.90 ng/ul
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BM009025.D
 Acq: 24 Feb 2017 20:16

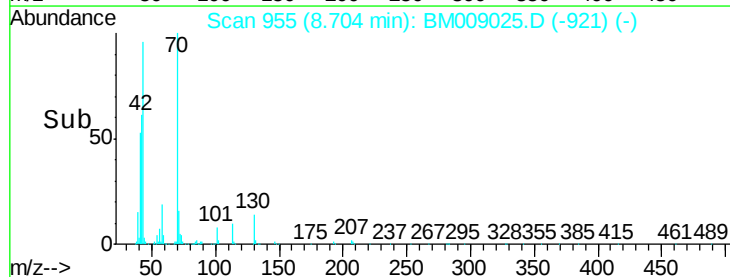
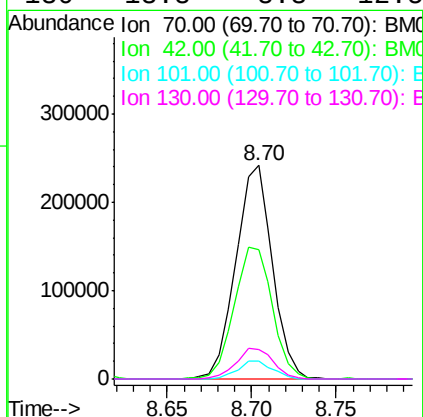
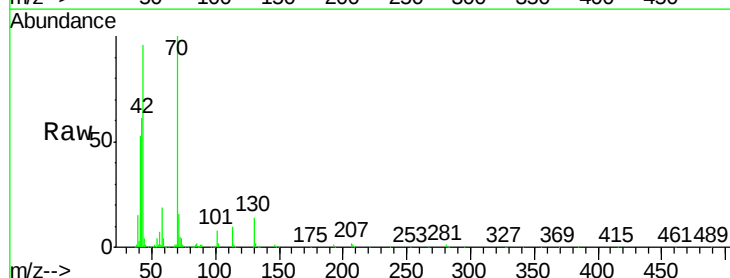
Instrument :
 BNA_M
 ClientSampleId :
 DABQ2MS

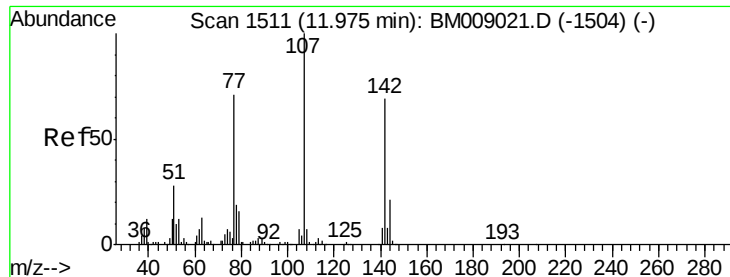
Tgt Ion:128 Resp: 260227
 Ion Ratio Lower Upper
 128 100
 64 69.0 76.6 115.0#
 130 31.6 26.5 39.7



#15
 N-Nitroso-di-n-propylamine
 Concen: 33.52 ng/ul
 RT: 8.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BM009025.D
 Acq: 24 Feb 2017 20:16

Tgt Ion: 70 Resp: 364226
 Ion Ratio Lower Upper
 70 100
 42 60.7 64.2 96.2#
 101 8.3 5.1 7.7#
 130 13.8 8.3 12.5#

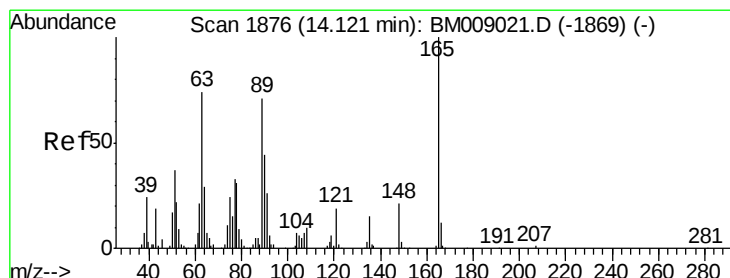
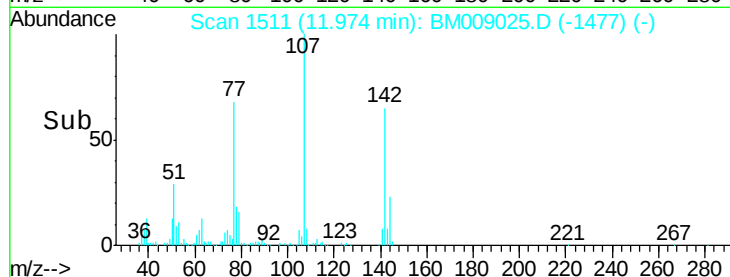
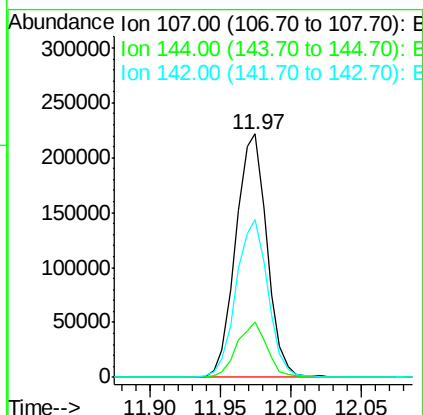
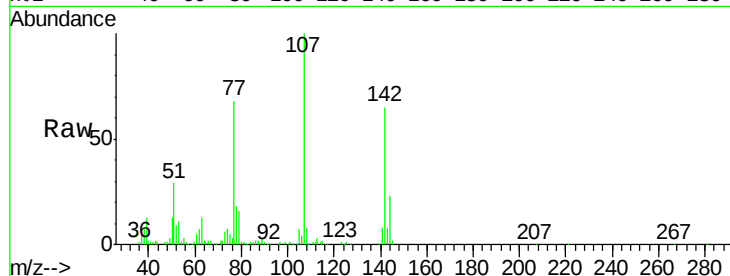




#33
 4-Chloro-3-methylphenol
 Concen: 30.62 ng/ul
 RT: 11.97 min Scan# 1511
 Delta R.T. -0.00 min
 Lab File: BM009025.D
 Acq: 24 Feb 2017 20:16

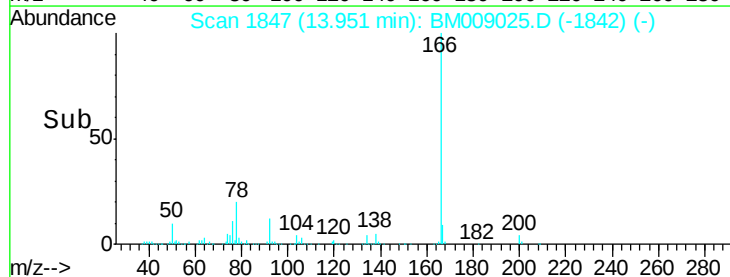
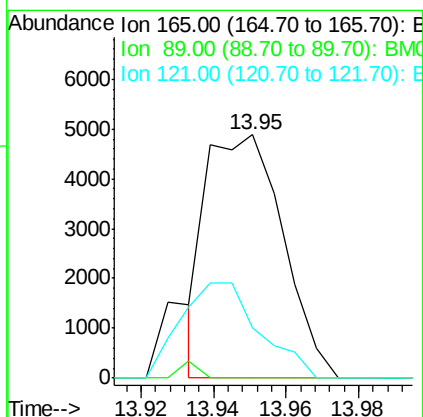
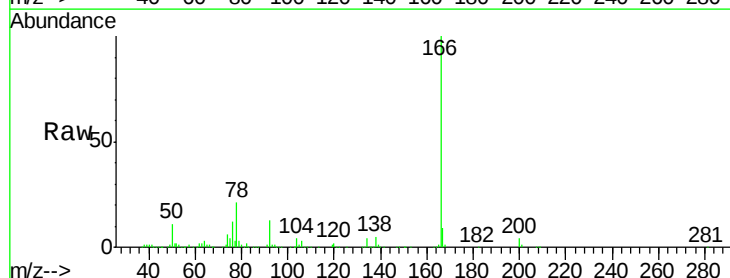
Instrument :
 BNA_M
 ClientSampleId :
 DABQ2MS

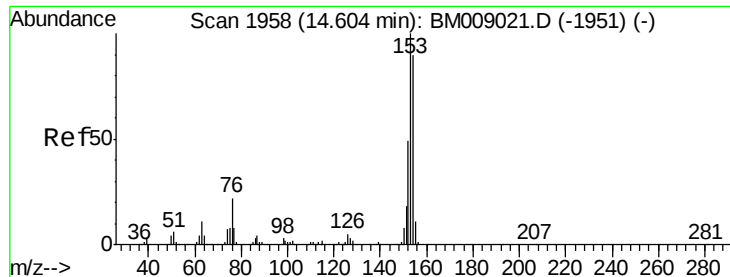
Tgt Ion:107 Resp: 342286
 Ion Ratio Lower Upper
 107 100
 144 23.0 14.4 21.6#
 142 65.1 50.7 76.1



#45
 2,6-Dinitrotoluene
 Concen: 1.57 ng/ul
 RT: 13.95 min Scan# 1847
 Delta R.T. -0.17 min
 Lab File: BM009025.D
 Acq: 24 Feb 2017 20:16

Tgt Ion:165 Resp: 7183
 Ion Ratio Lower Upper
 165 100
 89 0.0 89.4 134.0#
 121 20.6 21.6 32.4#





#49

Acenaphthene

Concen: 42.52 ng/ul

RT: 14.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

Instrument :

BNA_M

ClientSampleId :

DABQ2MS

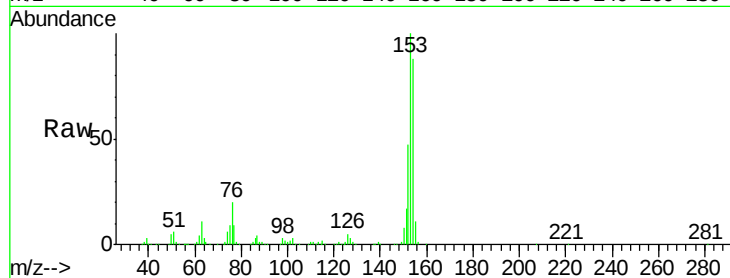
Tgt Ion:153 Resp: 877603

Ion Ratio Lower Upper

153 100

152 46.9 36.7 55.1

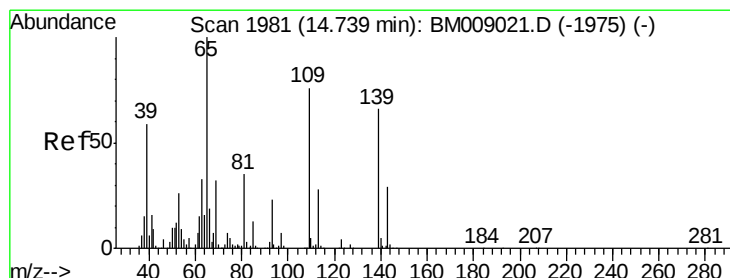
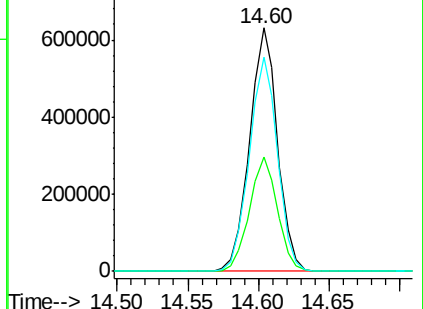
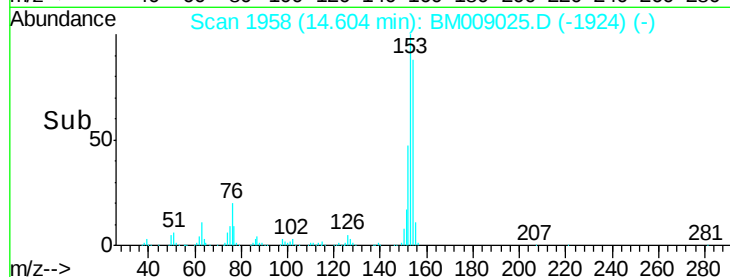
154 87.9 68.3 102.5



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: 9.46 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

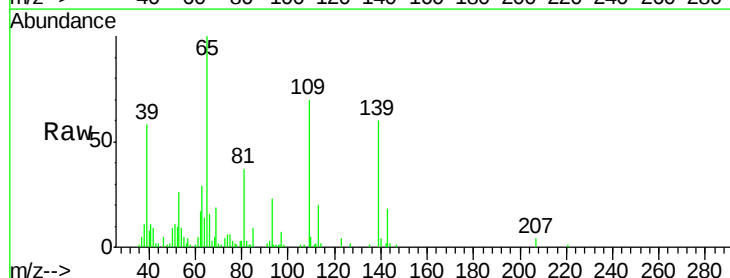
Tgt Ion:109 Resp: 50828

Ion Ratio Lower Upper

109 100

139 85.4 33.9 50.9#

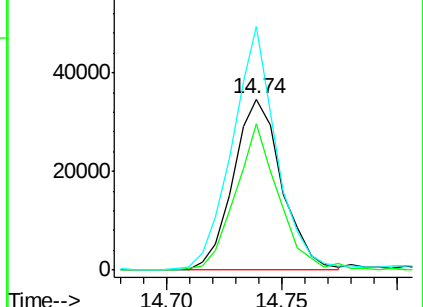
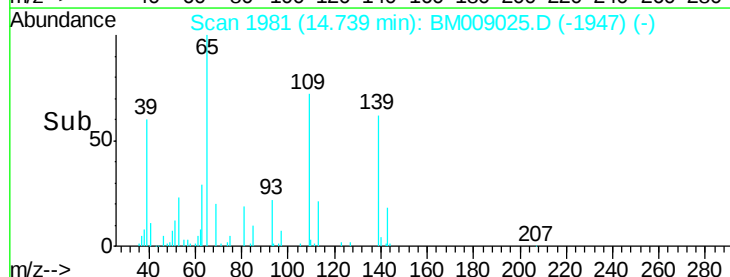
65 142.6 92.2 138.2#

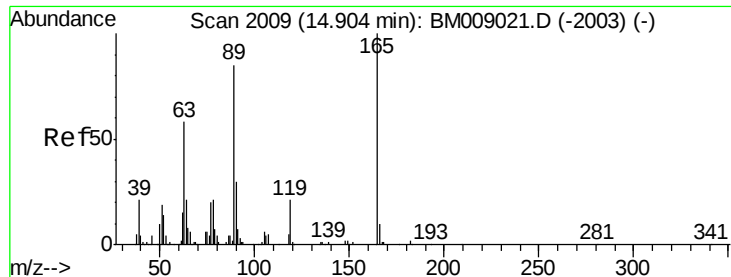


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#54

2,4-Dinitrotoluene

Concen: 47.95 ng/ul

RT: 14.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

Instrument :

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ClientSampleId :

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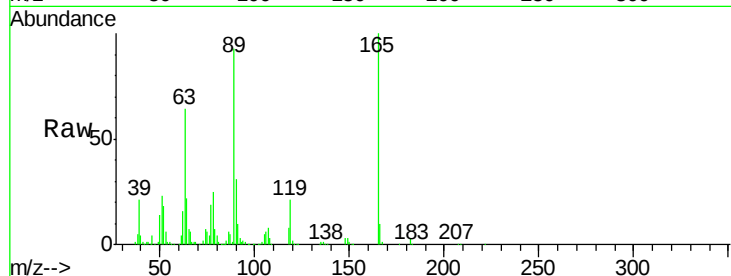
Tgt Ion:165 Resp: 324215

Ion Ratio Lower Upper

165 100

63 64.3 75.7 113.5#

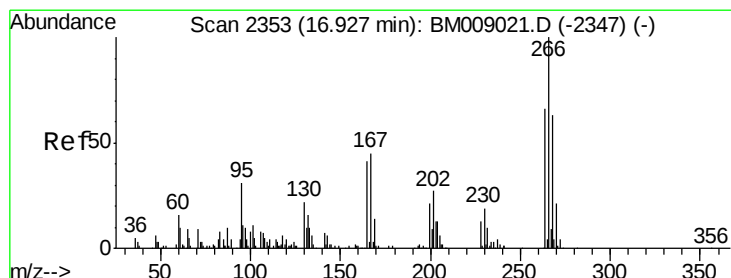
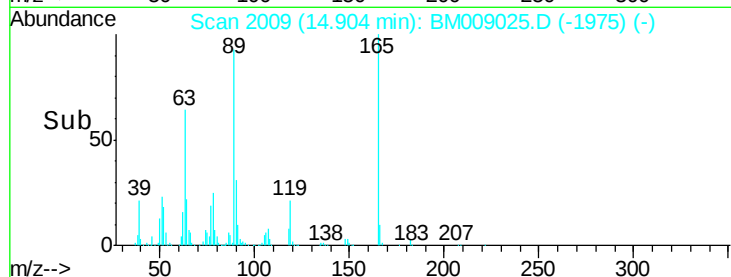
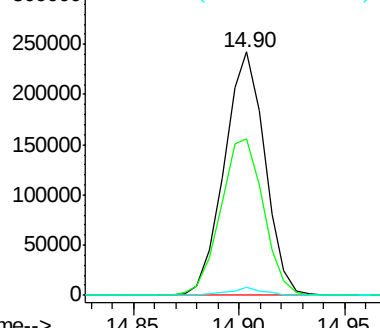
182 3.1 1.7 2.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 38.80 ng/ul

RT: 16.93 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BM009025.D

Acq: 24 Feb 2017 20:16

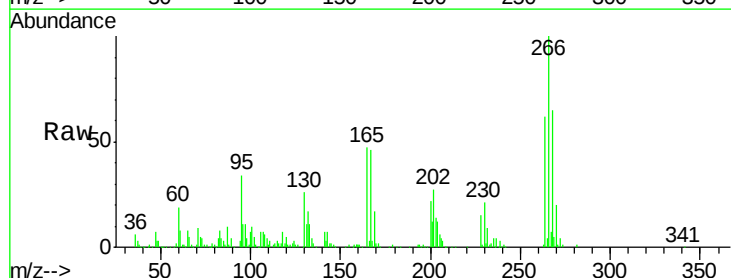
Tgt Ion:266 Resp: 269632

Ion Ratio Lower Upper

266 100

264 62.5 54.8 82.2

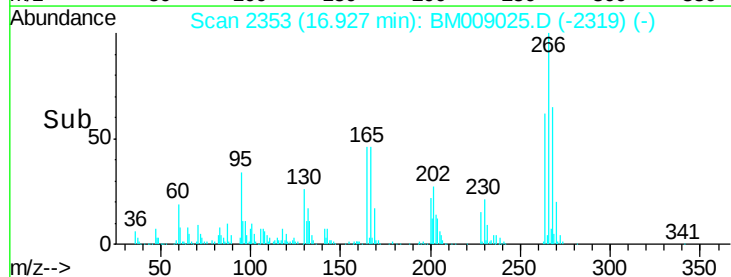
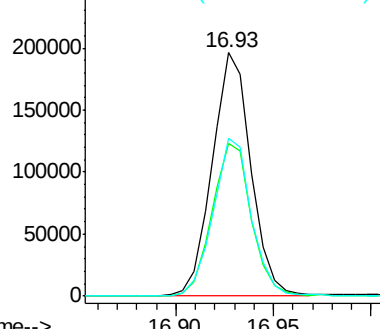
268 64.8 62.1 93.1

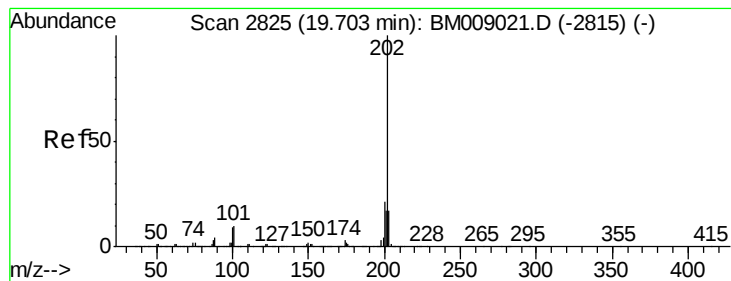


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 39.41 ng/ul

RT: 19.70 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM009025.D

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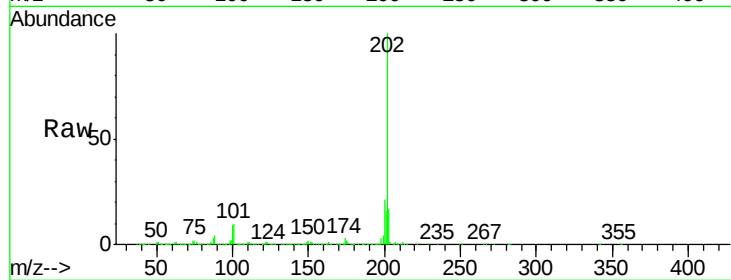
Tgt Ion: 202 Resp: 2728525

Ion Ratio Lower Upper

202 100

101 10.3 6.2 9.4#

100 9.1 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

