

Data File : BM009031.D
Acq On : 24 Feb 2017 23:58
Operator : SJ/MA
Sample : I1940-21MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABR2MSD

Quant Time: Feb 25 00:35:06 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	183773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	716784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	448951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1135272	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1500962	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1340411	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	20749	4.53	ng/uL	0.00
5) Phenol-d5	7.05	99	405970	24.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	319637	26.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	280197	25.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	320910	26.24	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	144842	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	148169	26.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	306232	26.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	389195	31.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1041825	34.47	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1196237	32.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	143653	27.21	ng/ul	0.00
57) Fluorene-d10	15.53	176	929978	32.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	130197	19.06	ng/ul	0.00
70) Anthracene-d10	17.29	188	1135272	21.12	ng/ul	-0.10
76) Pyrene-d10	19.67	212	1903820	29.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1795447	29.50	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.08	94	477672	27.17	ng/ul#	71
10) 2-Chlorophenol	7.46	128	287645	24.88	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.70	70	359096	27.65	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.97	107	381159	28.57	ng/ul#	95
44) Dimethylphthalate	13.99	163	574758	19.00	ng/ul	99
49) Acenaphthene	14.60	153	851058	32.76	ng/ul	97
52) 4-Nitrophenol	14.74	109	212565	31.44	ng/ul#	78
54) 2,4-Dinitrotoluene	14.90	165	296048	34.78	ng/ul#	69
68) Pentachlorophenol	16.93	266	226218	25.73	ng/ul#	86
77) Pyrene	19.70	202	2460967	29.36	ng/ul#	96
81) Bis(2-ethylhexyl)phthalate	21.35	149	153110	3.50	ng/ul	94

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

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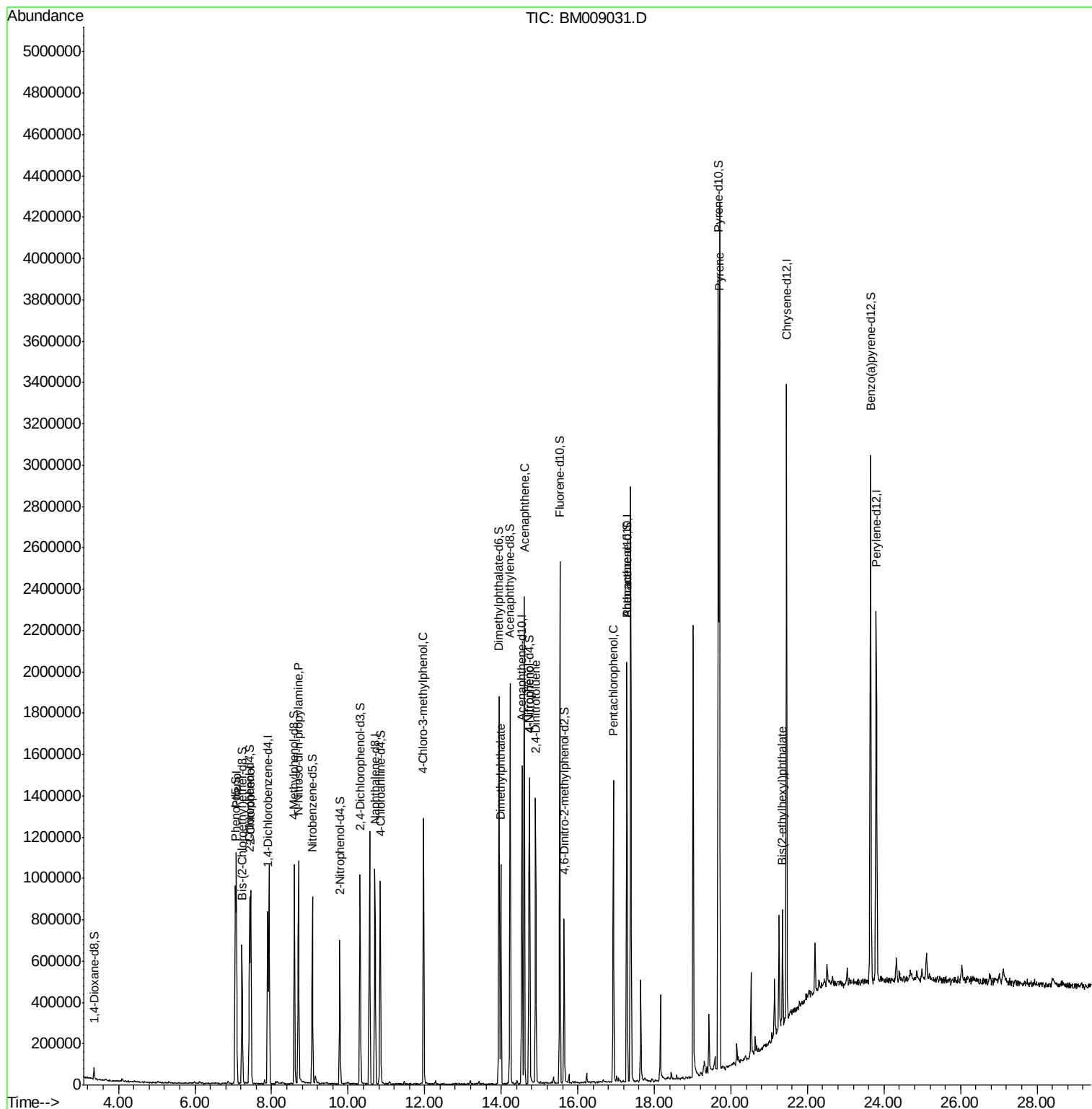
Quant Time: Feb 25 00:35:06 2017

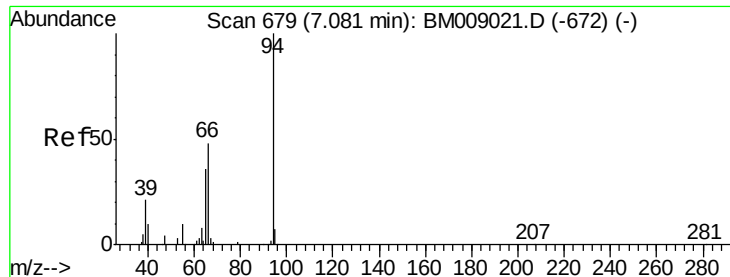
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#6

Phenol

Concen: 27.17 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

Instrument :

BNA_M

ClientSampleId :

DABR2MSD

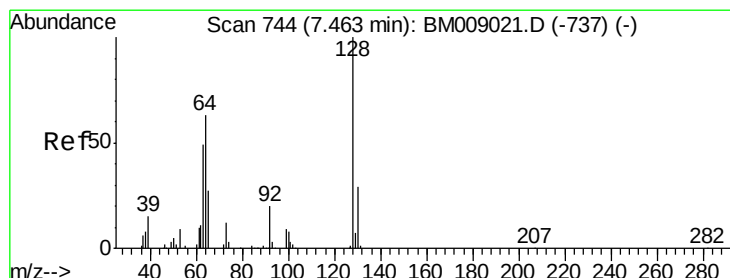
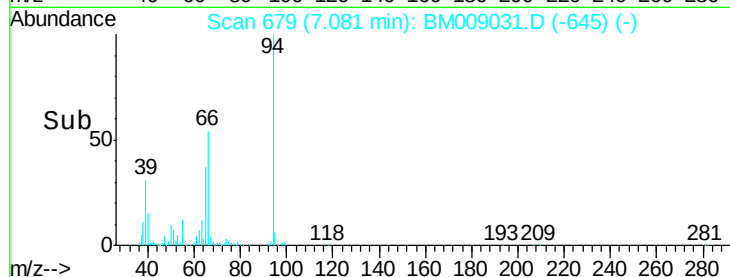
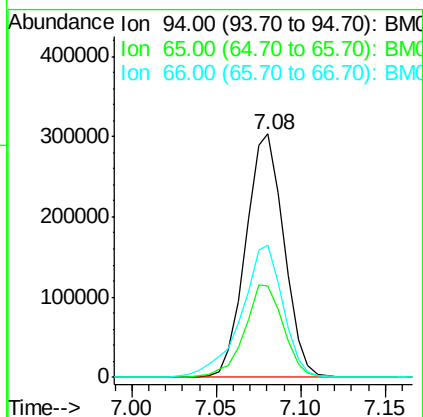
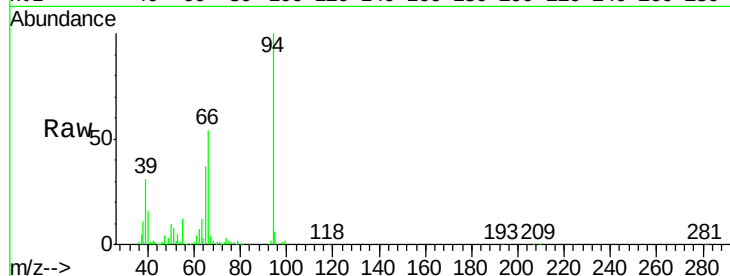
Tgt Ion: 94 Resp: 477672

Ion Ratio Lower Upper

94 100

65 37.4 39.8 59.6#

66 54.1 69.9 104.9#



#10

2-Chlorophenol

Concen: 24.88 ng/ul

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

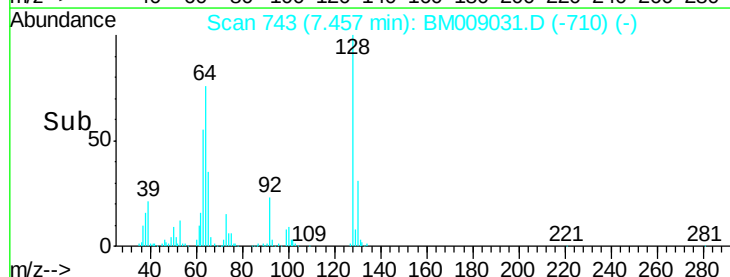
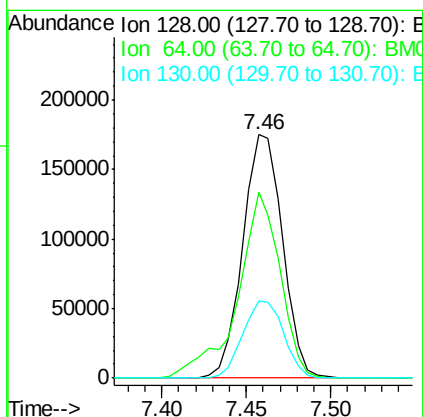
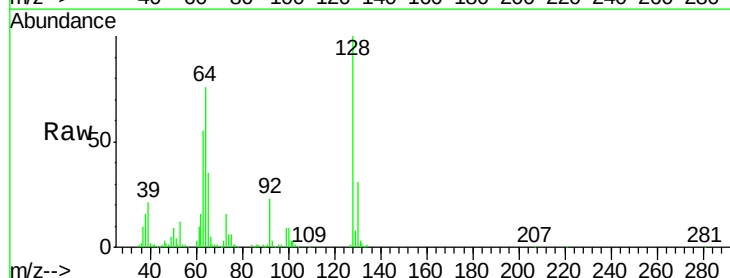
Tgt Ion: 128 Resp: 287645

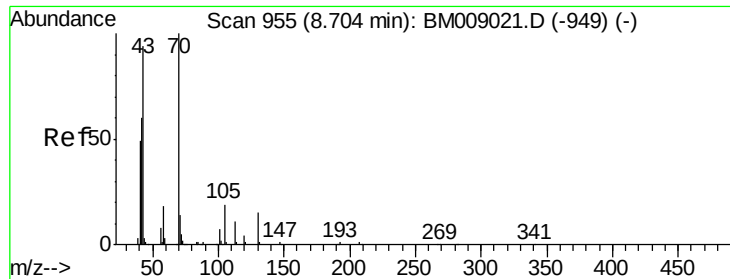
Ion Ratio Lower Upper

128 100

64 76.3 76.6 115.0#

130 31.5 26.5 39.7





#15

N-Nitroso-di-n-propylamine

Concen: 27.65 ng/ul

RT: 8.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

Instrument :

BNA_M

ClientSampleId :

DABR2MSD

Tgt Ion: 70 Resp: 359096

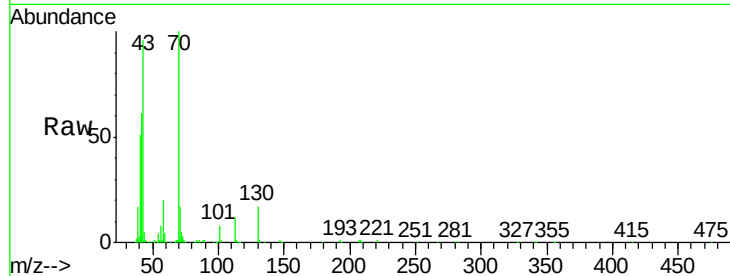
Ion Ratio Lower Upper

70 100

42 61.2 64.2 96.2#

101 8.2 5.1 7.7#

130 16.8 8.3 12.5#

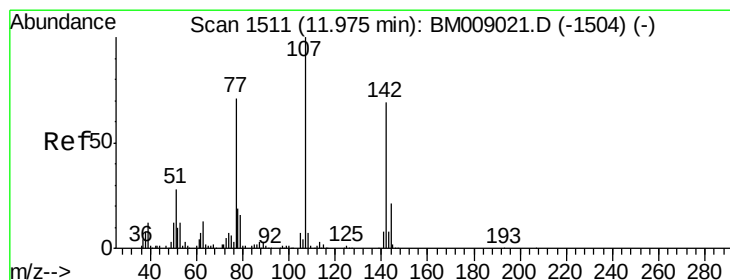
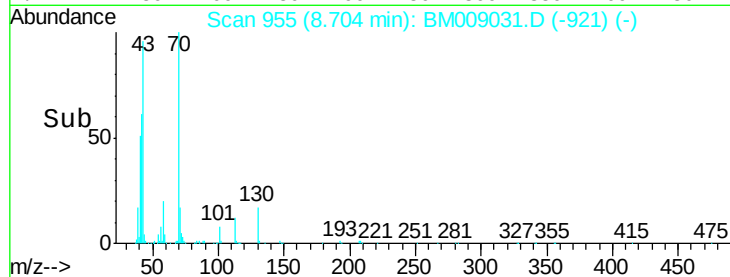
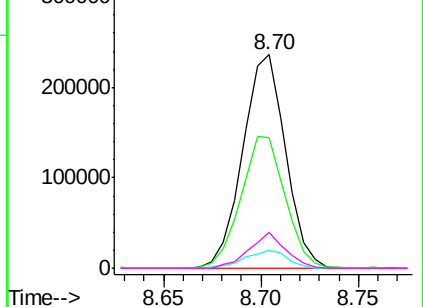


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 28.57 ng/ul

RT: 11.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

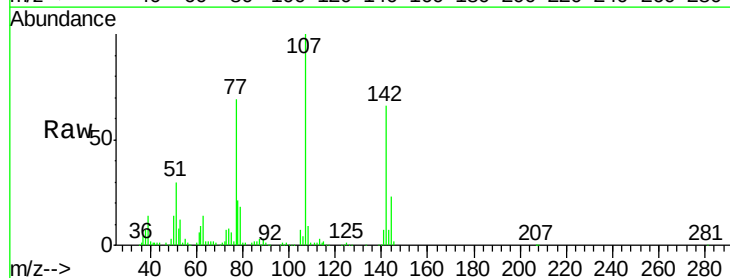
Tgt Ion: 107 Resp: 381159

Ion Ratio Lower Upper

107 100

144 23.4 14.4 21.6#

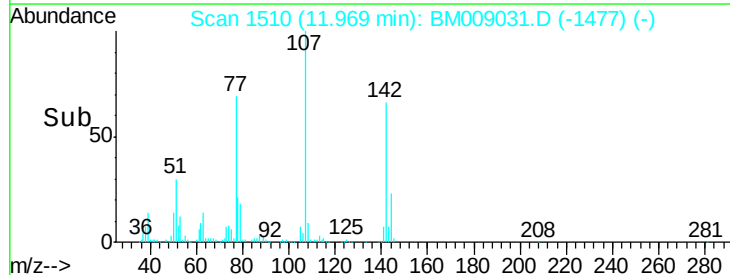
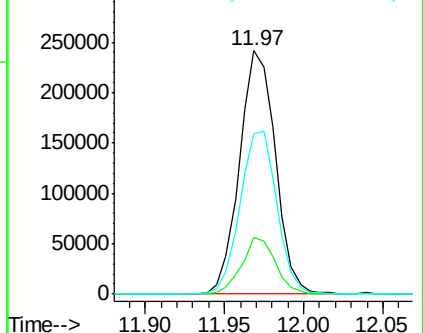
142 66.0 50.7 76.1

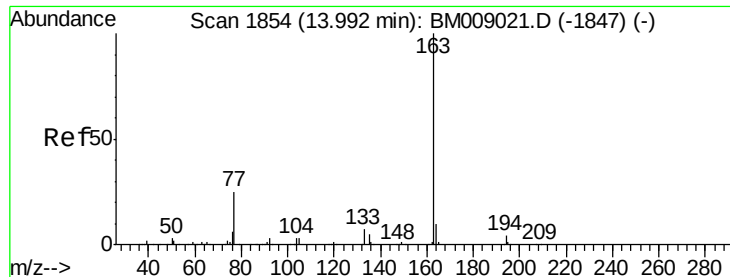


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 19.00 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

Instrument :

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DABR2MSD

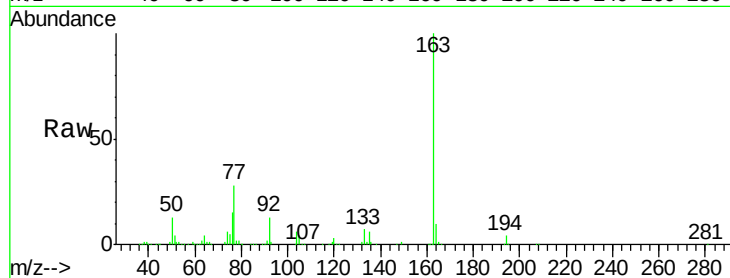
Tgt Ion:163 Resp: 574758

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

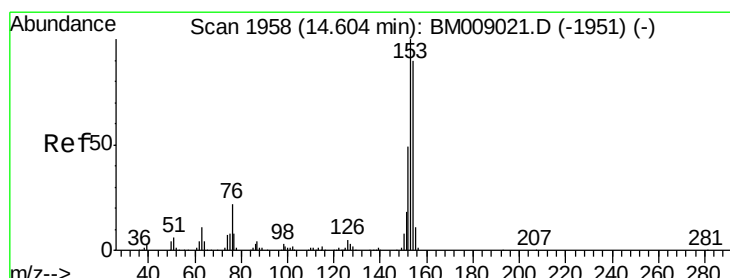
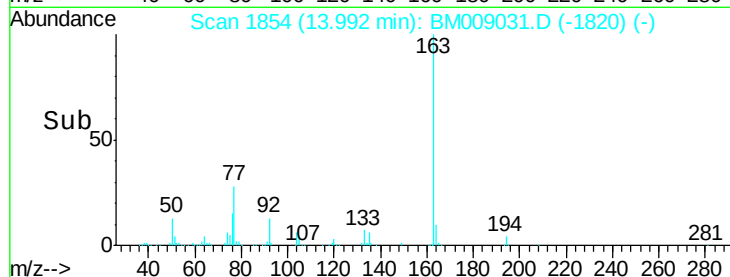
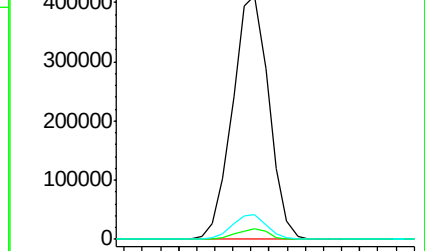
164 10.2 8.6 12.8



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: 32.76 ng/ul

RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

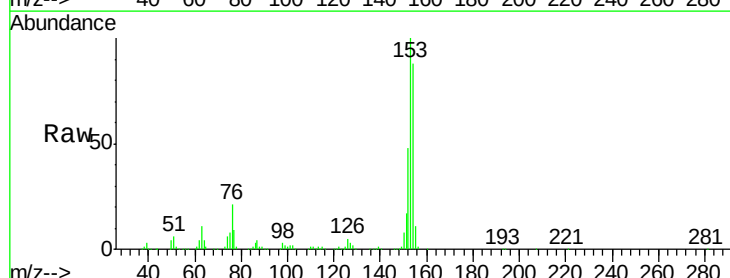
Tgt Ion:153 Resp: 851058

Ion Ratio Lower Upper

153 100

152 48.1 36.7 55.1

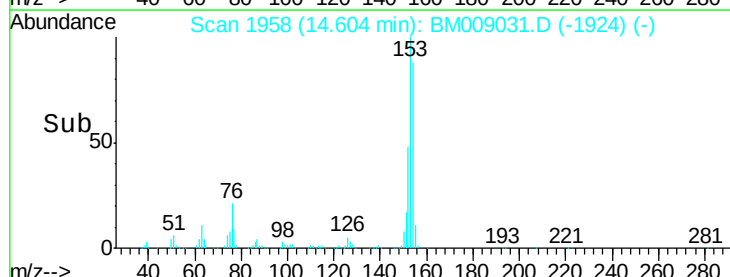
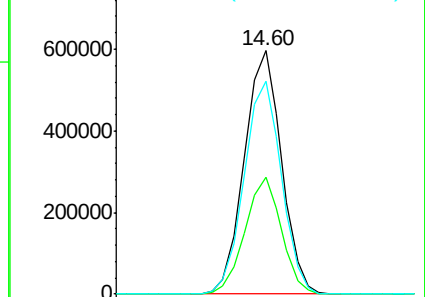
154 87.6 68.3 102.5

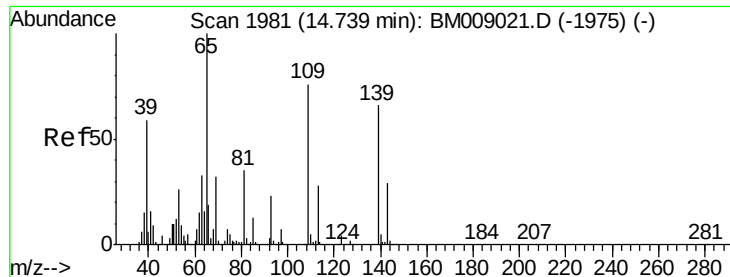


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 31.44 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

Instrument :

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ClientSampleId :

DABR2MSD

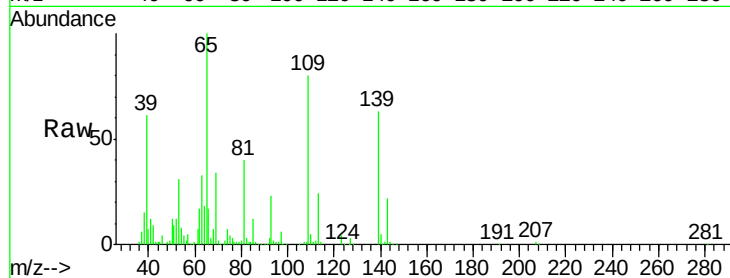
Tgt Ion:109 Resp: 212565

Ion Ratio Lower Upper

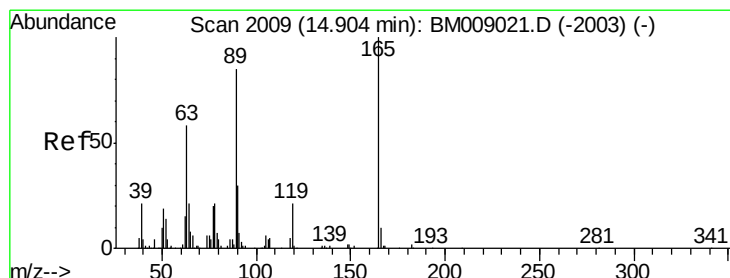
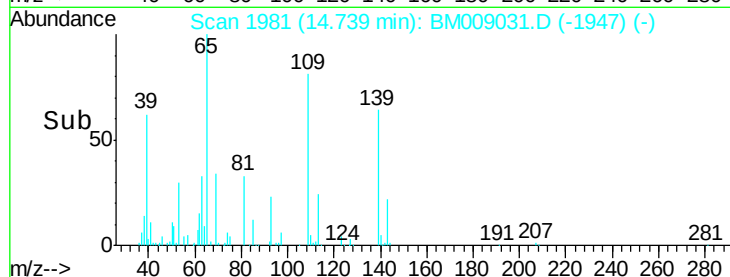
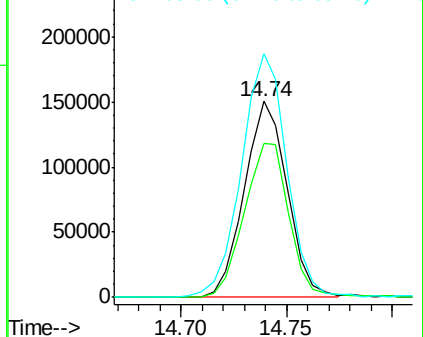
109 100

139 78.7 33.9 50.9#

65 124.4 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): BMC



#54

2,4-Dinitrotoluene

Concen: 34.78 ng/ul

RT: 14.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM009031.D

Acq: 24 Feb 2017 23:58

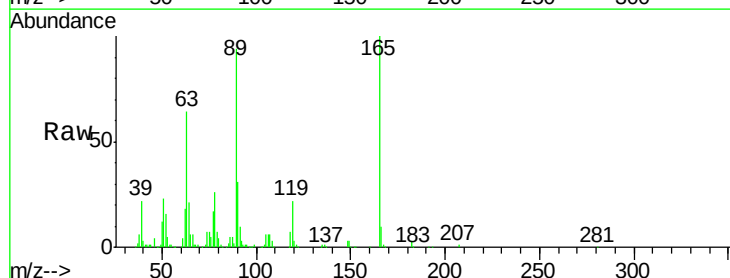
Tgt Ion:165 Resp: 296048

Ion Ratio Lower Upper

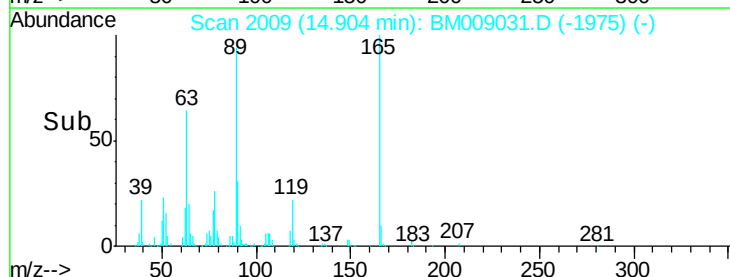
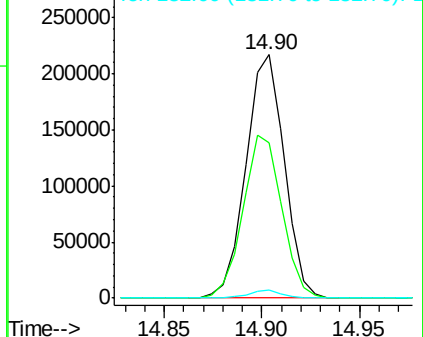
165 100

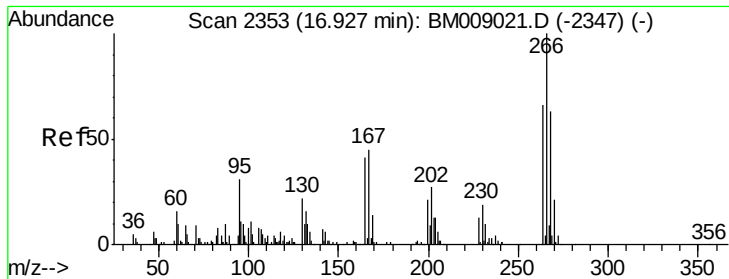
63 63.7 75.7 113.5#

182 3.4 1.7 2.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BMC
Ion 182.00 (181.70 to 182.70): E

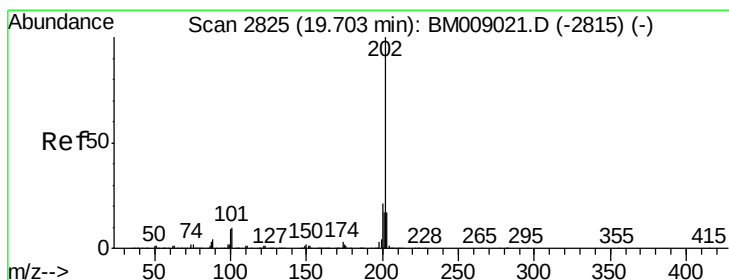
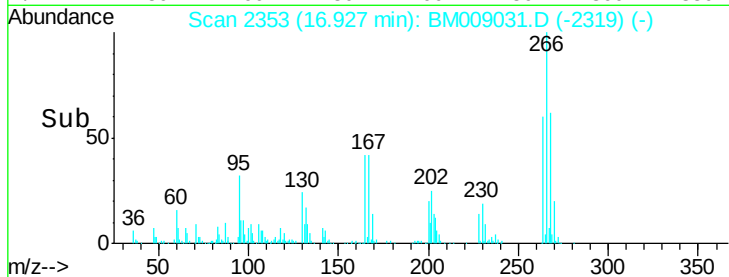
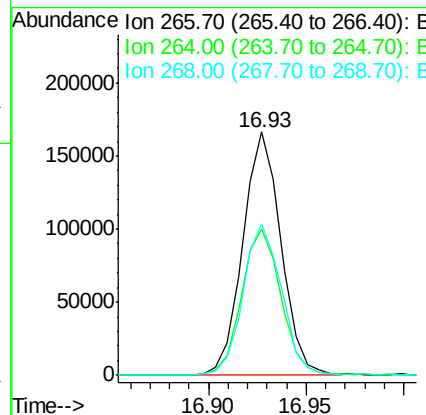
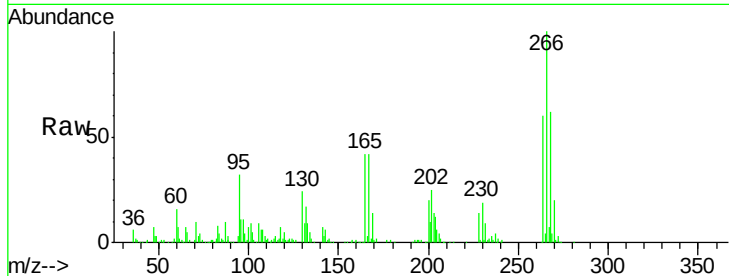




#68
 Pentachlorophenol
 Concen: 25.73 ng/ul
 RT: 16.93 min Scan# 2353
 Delta R.T. 0.00 min
 Lab File: BM009031.D
 Acq: 24 Feb 2017 23:58

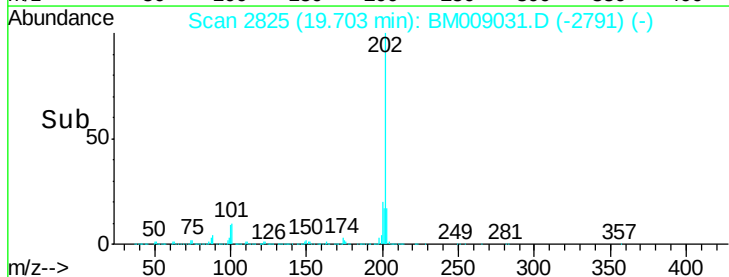
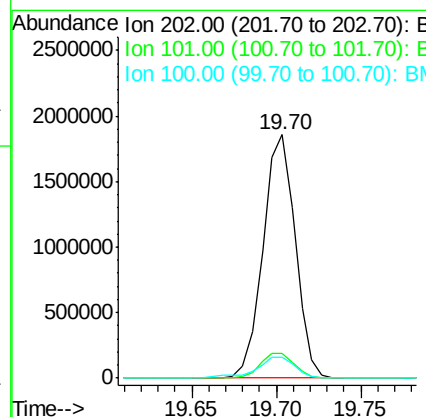
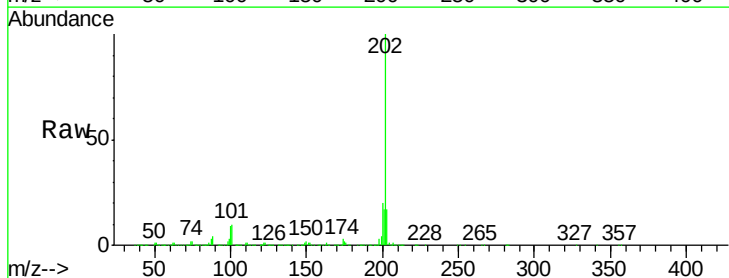
Instrument :
 BNA_M
 ClientSampleId :
 DABR2MSD

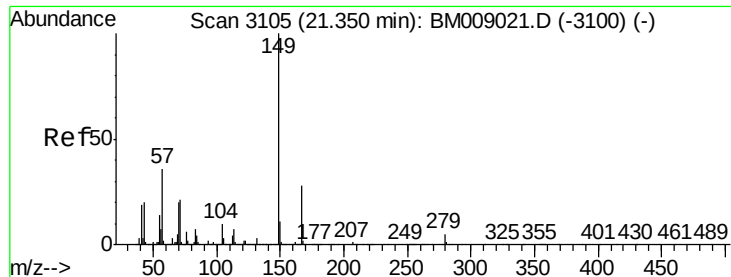
Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	54.8	82.2
268	62.0	62.1	93.1#



#77
 Pyrene
 Concen: 29.36 ng/ul
 RT: 19.70 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM009031.D
 Acq: 24 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.2	9.4#
100	8.7	6.4	9.6

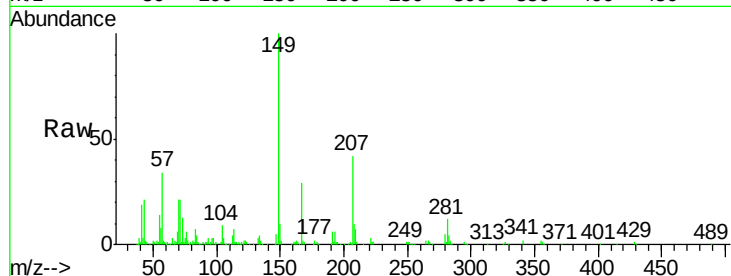




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.50 ng/ul
 RT: 21.35 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM009031.D
 Acq: 24 Feb 2017 23:58

Instrument :
 BNA_M
 ClientSampleId :
 DABR2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	20.2	30.2
279	4.8	4.0	6.0



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

