

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
 Data File : BM014102.D
 Acq On : 02 Feb 2018 08:19
 Operator : SJ/JU
 Sample : J1317-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 02 10:53:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 03:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	125900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	513810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	346101	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	811872	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	839918	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	834742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	17040	6.21	ng/uL	0.00
5) Phenol-d5	6.75	99	345421	36.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	220022	38.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	292704	39.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	303176	38.26	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	152720	41.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	179559	43.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	327219	37.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	380525	50.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	1172974	40.84	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1486102	42.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	131802	33.30	ng/ul	0.00
57) Fluorene-d10	15.22	176	1050531	40.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	168356	33.77	ng/ul	0.00
70) Anthracene-d10	17.07	188	1604603	40.71	ng/ul	0.00
76) Pyrene-d10	19.37	212	1767847	43.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	1692001	41.30	ng/ul	0.00

Target Compounds

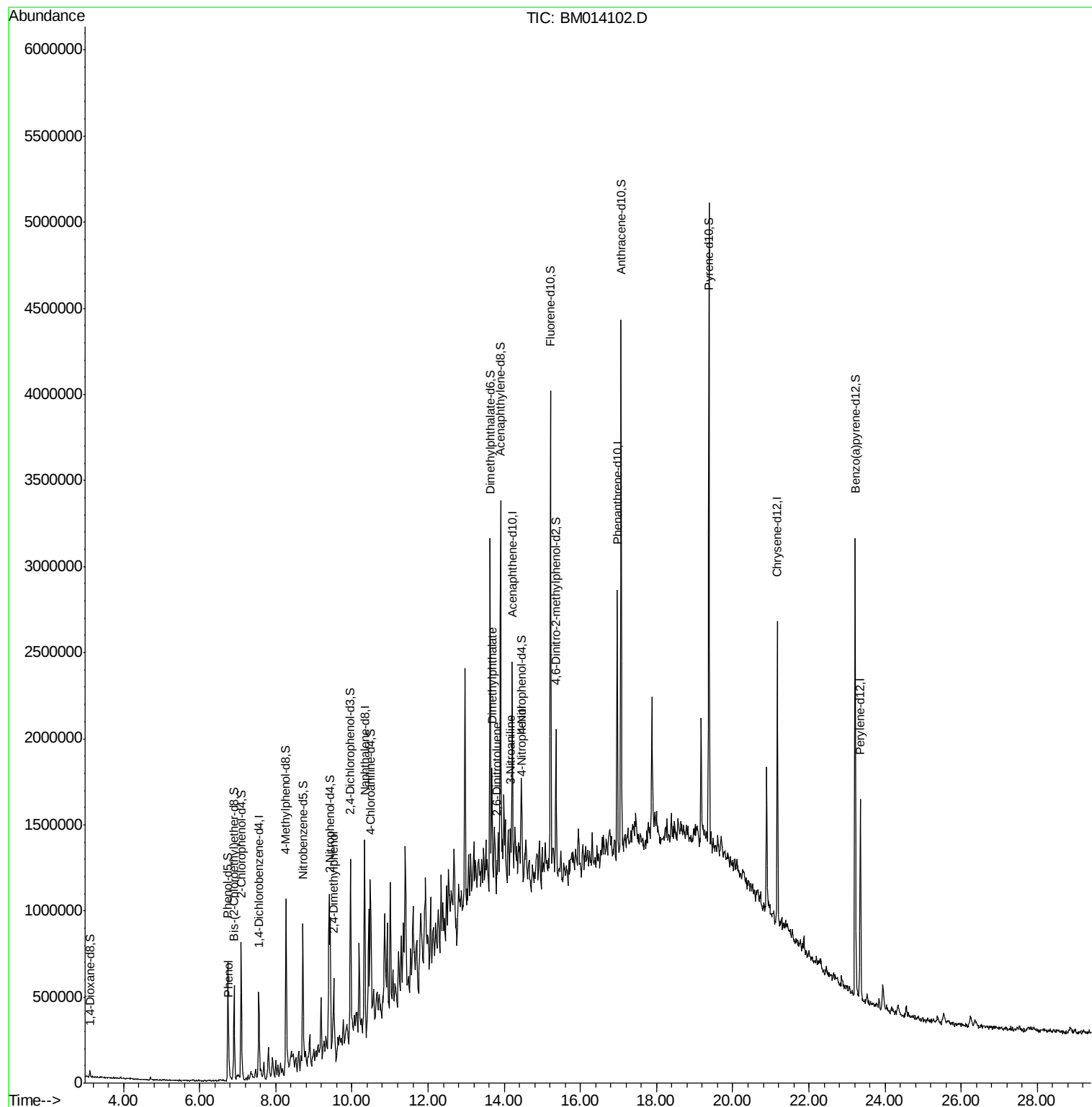
				Ovalue	
6) Phenol	6.77	94	46767	4.940	ng/ul 96
24) 2,4-Dimethylphenol	9.52	107	112236	11.794	ng/ul# 35
44) Dimethylphthalate	13.68	163	345305	12.471	ng/ul# 97
45) 2,6-Dinitrotoluene	13.82	165	10768	2.002	ng/ul# 10
48) 3-Nitroaniline	14.16	138	4716	1.167	ng/ul# 43
52) 4-Nitrophenol	14.47	109	14397	3.018	ng/ul# 5

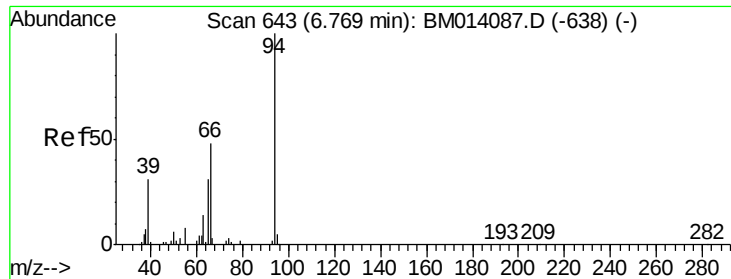
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.940 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

Instrument :

BNA_M

ClientSampleId :

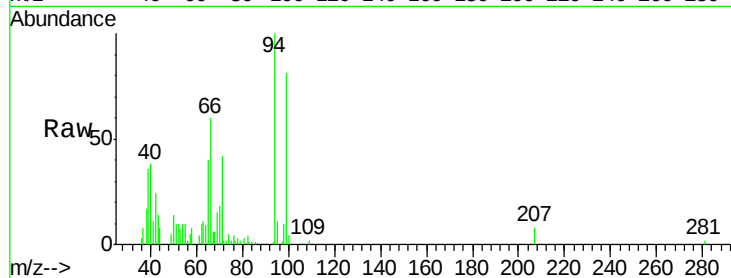
Tot Ion: 94 Resp: 46767

Ion Ratio Lower Upper

94 100

65 39.9 28.2 42.4

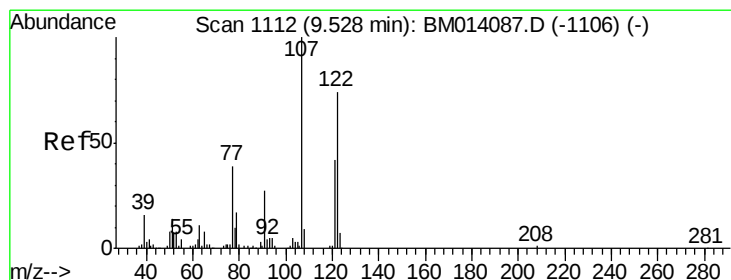
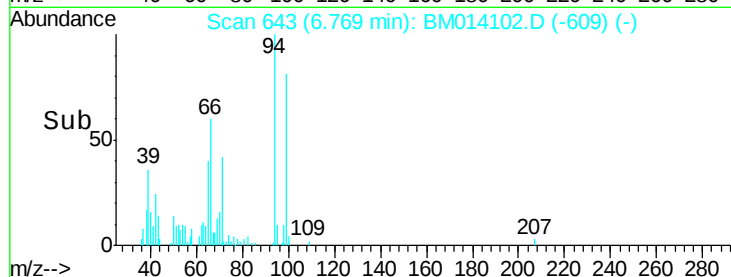
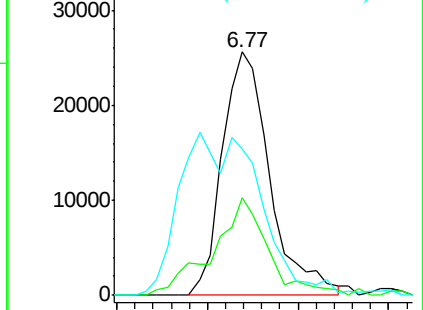
66 60.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014087.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM014087.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM014087.D (-638) (-)



#24

2,4-Dimethylphenol

Concen: 11.794 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

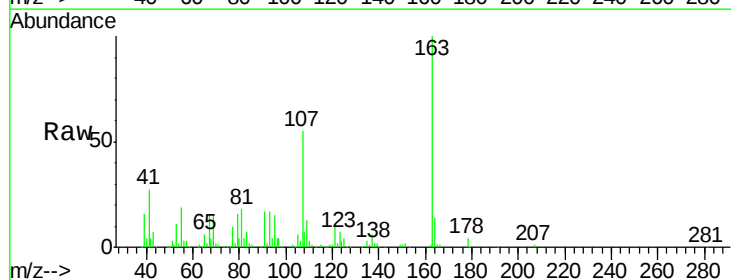
Tgt Ion:107 Resp: 112236

Ion Ratio Lower Upper

107 100

121 19.2 31.9 47.9#

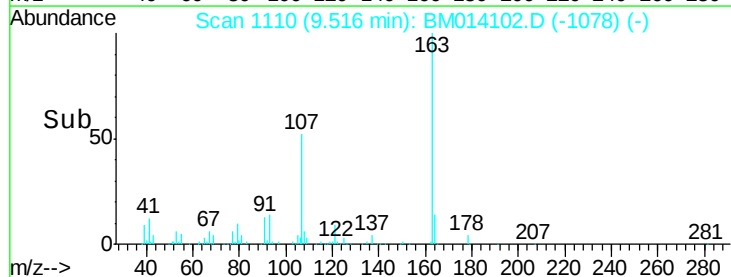
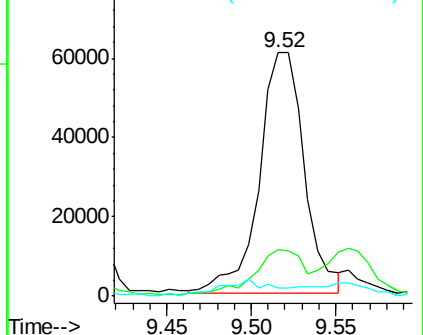
122 3.6 57.8 86.6#

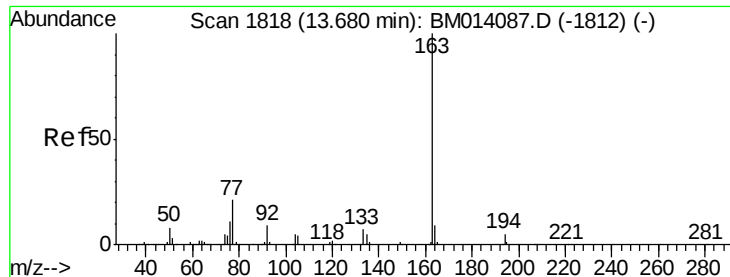


Abundance Ion 107.00 (106.70 to 107.70): BM014087.D (-1106) (-)

Ion 121.00 (120.70 to 121.70): BM014087.D (-1106) (-)

Ion 122.00 (121.70 to 122.70): BM014087.D (-1106) (-)





#44

Dimethylphthalate

Concen: 12.471 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

Instrument :

BNA_M

ClientSampleId :

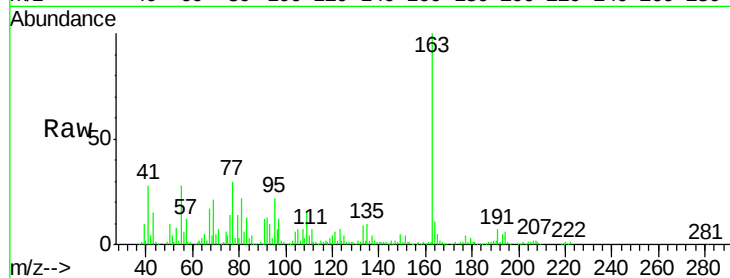
Tot Ion:163 Resp: 345305

Ion Ratio Lower Upper

163 100

194 6.3 3.5 5.3#

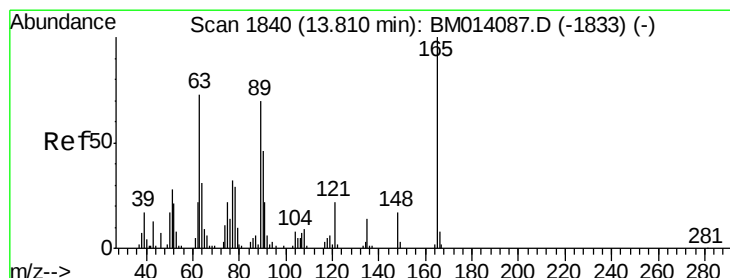
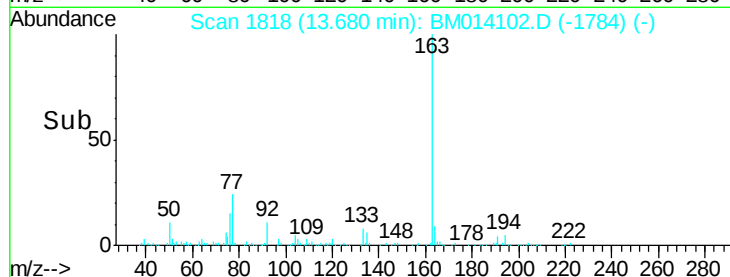
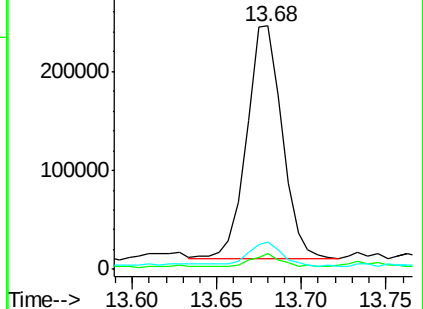
164 11.1 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 2.002 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

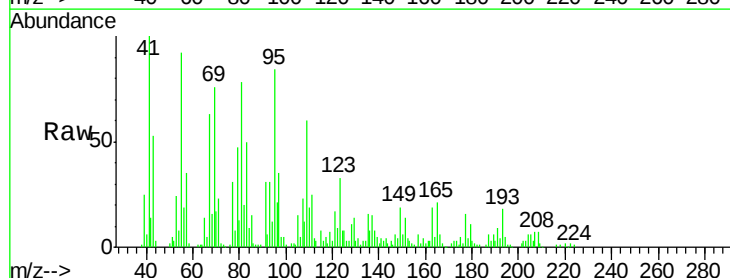
Tgt Ion:165 Resp: 10768

Ion Ratio Lower Upper

165 100

89 6.5 52.6 79.0#

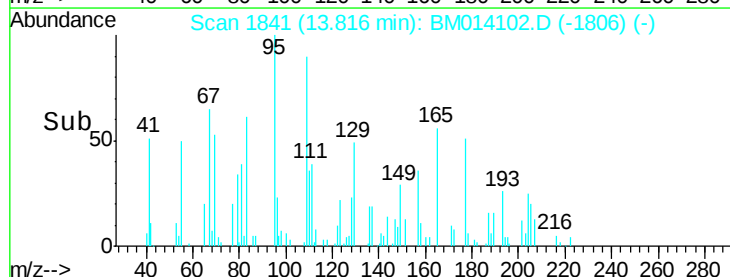
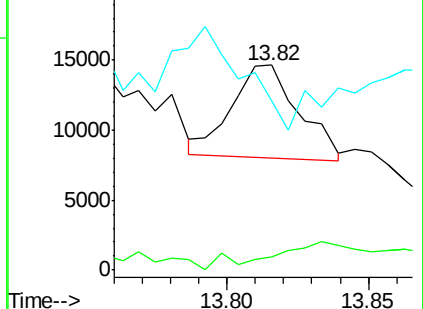
121 82.5 14.6 22.0#

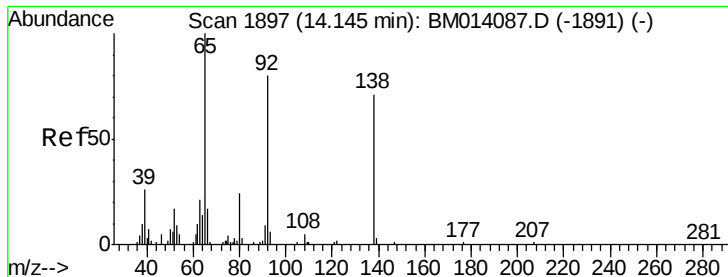


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#48

3-Nitroaniline

Concen: 1.167 ng/ul

RT: 14.16 min Scan# 1900

Delta R.T. 0.02 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

Instrument :

BNA_M

ClientSampled :

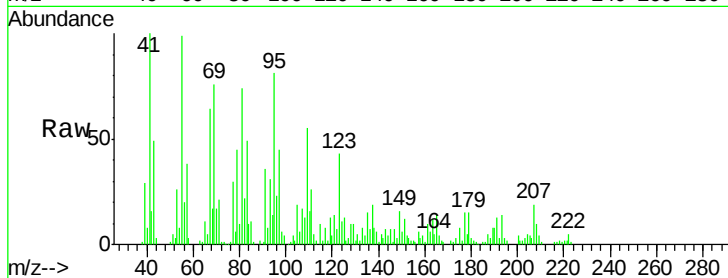
Tot Ion:138 Resp: 4716

Ion Ratio Lower Upper

138 100

108 160.5 9.9 14.9#

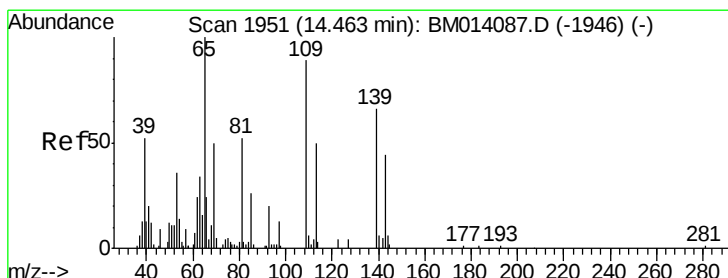
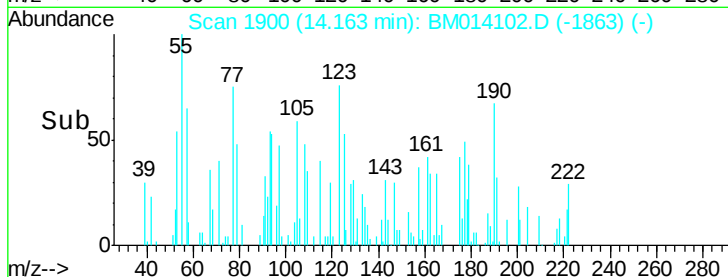
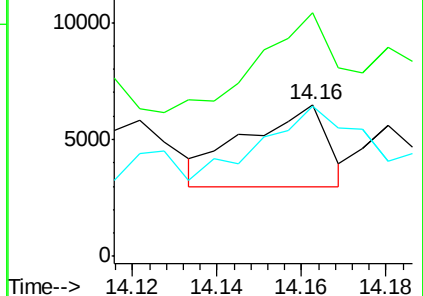
92 99.4 105.0 157.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#52

4-Nitrophenol

Concen: 3.018 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BM014102.D

Acq: 02 Feb 2018 08:19

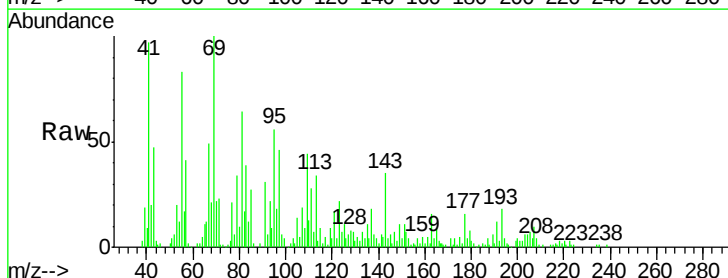
Tgt Ion:109 Resp: 14397

Ion Ratio Lower Upper

109 100

139 9.9 80.0 120.0#

65 25.5 120.0 180.0#



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): BM

