

Data File : BM021047.D
Acq On : 19 Jun 2019 22:17
Operator : HP/JU
Sample : K3213-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8K1

Quant Time: Jun 20 03:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	269586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1144201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	688679	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1508575	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1342114	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1483900	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8501	1.50	ng/uL	0.00
5) Phenol-d5	6.97	99	190614	8.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.12	67	377758	27.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	492357	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	332310	16.97	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	284731	30.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	338457	32.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	673182	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	253	0.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	2055861	33.04	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2467972	32.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	890	0.09	ng/ul	-0.03
57) Fluorene-d10	15.42	176	1747504	32.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	293583	31.66	ng/ul	0.00
70) Anthracene-d10	17.27	188	2520799	32.15	ng/ul	0.00
78) Pyrene-d10	19.56	212	2801470	34.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.48	264	2634490	30.09	ng/ul	0.00

Target Compounds

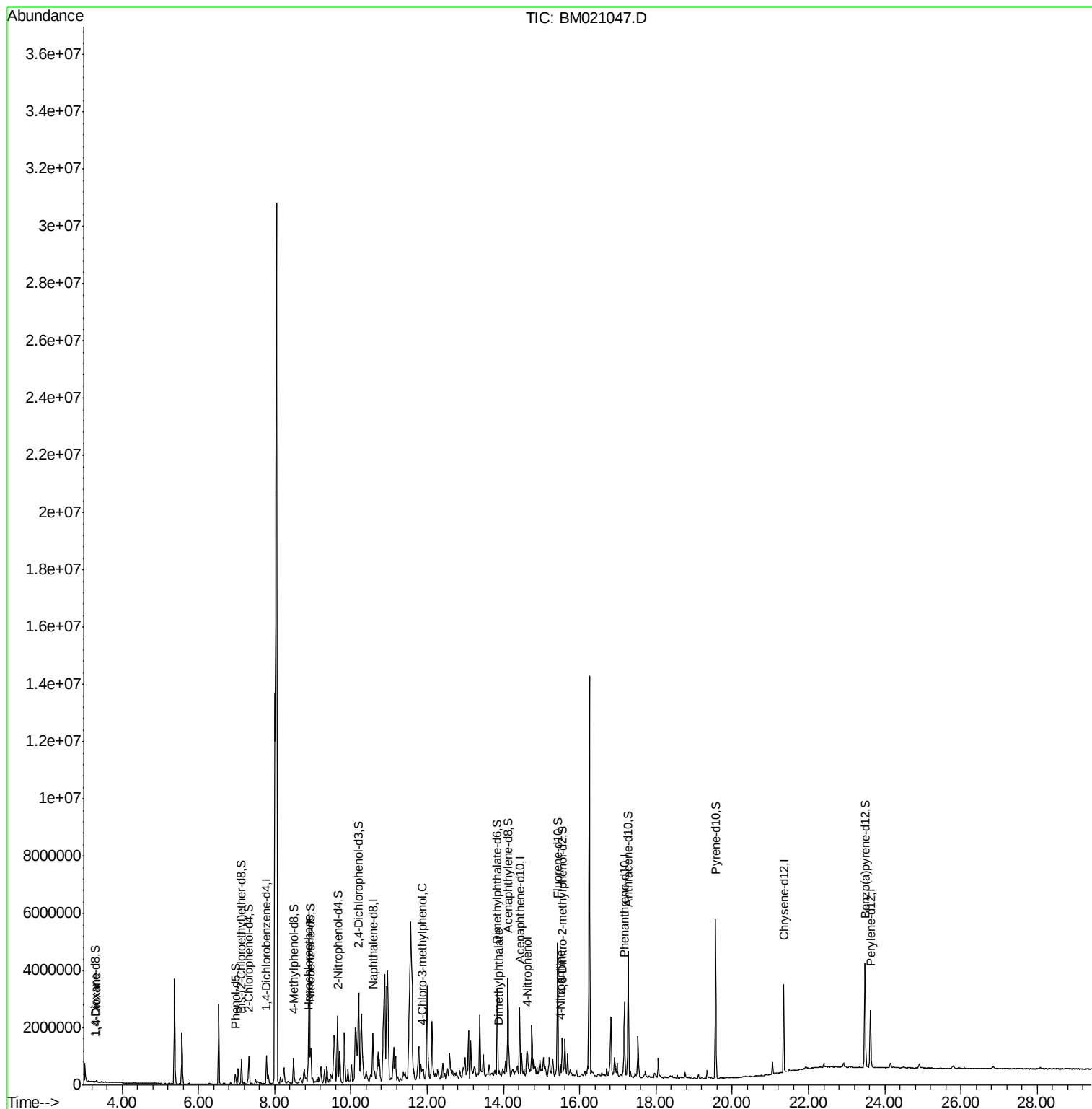
					Qvalue	
2) 1,4-Dioxane	3.33	88	17341	3.018	ng/uL	95
17) Hexachloroethane	8.88	117	19417	2.593	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.88	107	22630	1.163	ng/ul#	36
44) Dimethylphthalate	13.89	163	93815	1.656	ng/ul	97
52) 4-Nitrophenol	14.62	109	94164	12.577	ng/ul#	5
60) 4-Nitroaniline	15.50	138	14309	1.422	ng/ul#	39

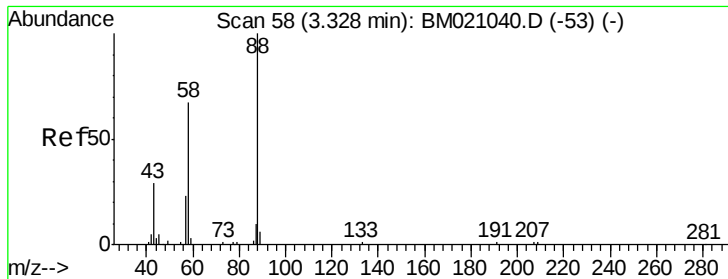
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.018 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. -0.00 min

Lab File: BM021047.D

Acq: 19 Jun 2019 22:17

Instrument :

BNA_M

ClientSampleId :

DB8K1

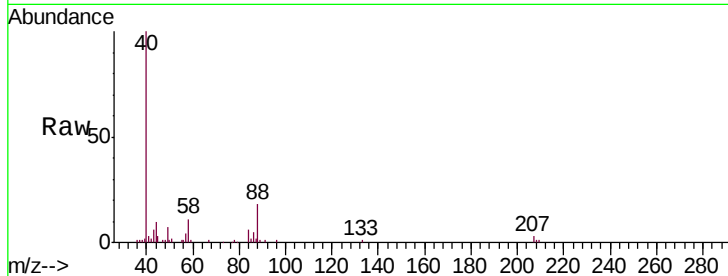
Tgt Ion: 88 Resp: 17341

Ion Ratio Lower Upper

88 100

43 31.9 26.7 40.1

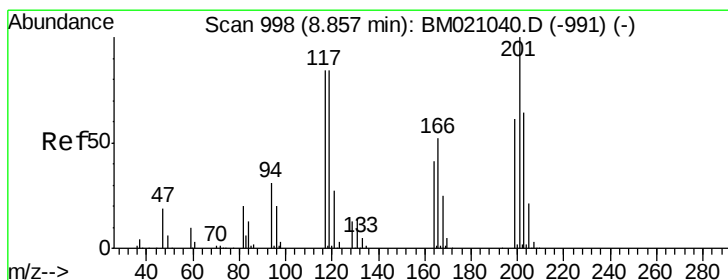
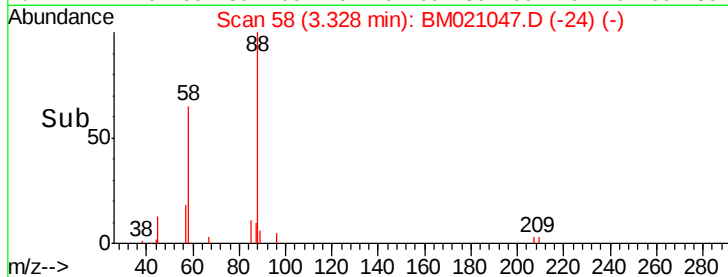
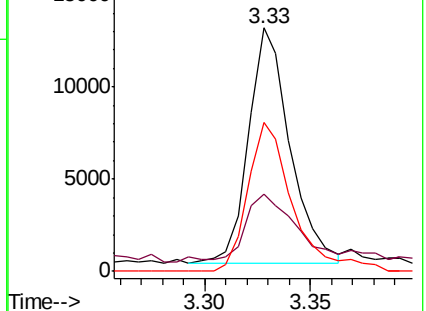
58 61.3 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): BM021047.D (-53) (-)

Ion 43.00 (42.70 to 43.70): BM021047.D (-53) (-)

Ion 58.00 (57.70 to 58.70): BM021047.D (-53) (-)



#17

Hexachloroethane

Concen: 2.593 ng/uL

RT: 8.88 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BM021047.D

Acq: 19 Jun 2019 22:17

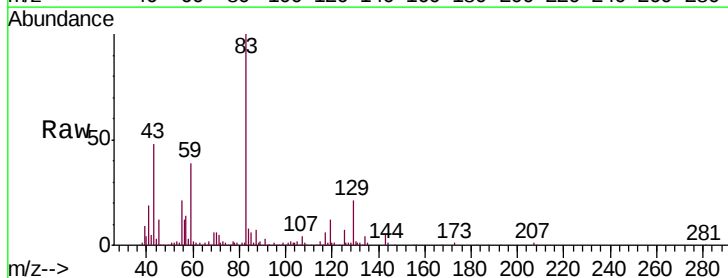
Tgt Ion: 117 Resp: 19417

Ion Ratio Lower Upper

117 100

201 0.0 93.9 140.9#

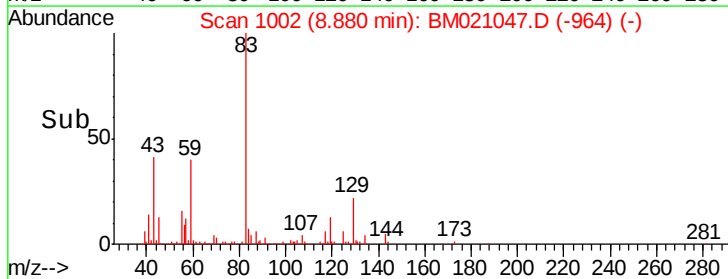
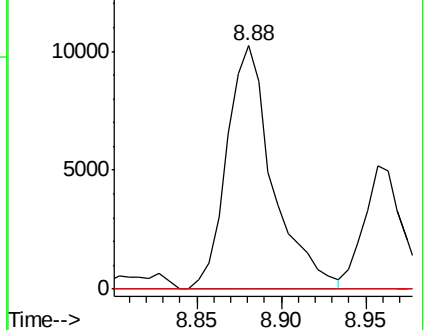
199 0.0 57.8 86.8#

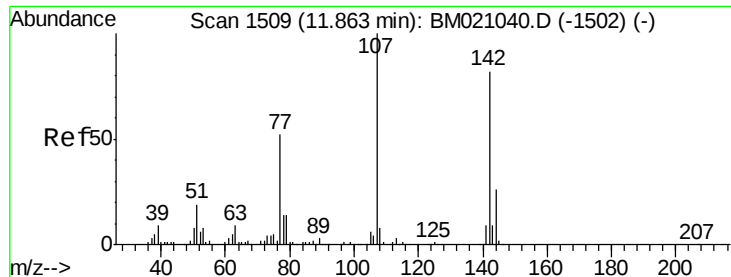


Abundance Ion 117.00 (116.70 to 117.70): BM021047.D (-964) (-)

Ion 201.00 (200.70 to 201.70): BM021047.D (-964) (-)

Ion 199.00 (198.70 to 199.70): BM021047.D (-964) (-)

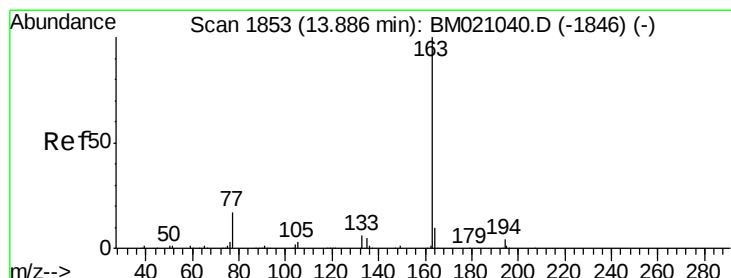
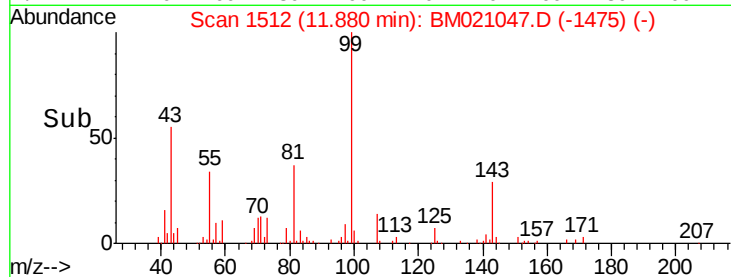
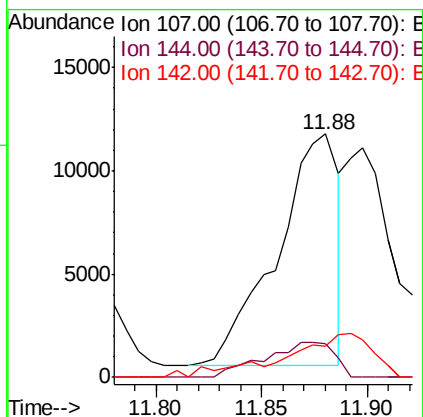
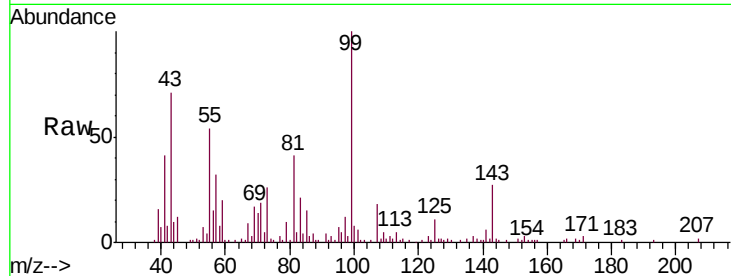




#33
 4-Chloro-3-methylphenol
 Concen: 1.163 ng/ul
 RT: 11.88 min Scan# 1512
 Delta R.T. 0.02 min
 Lab File: BM021047.D
 Acq: 19 Jun 2019 22:17

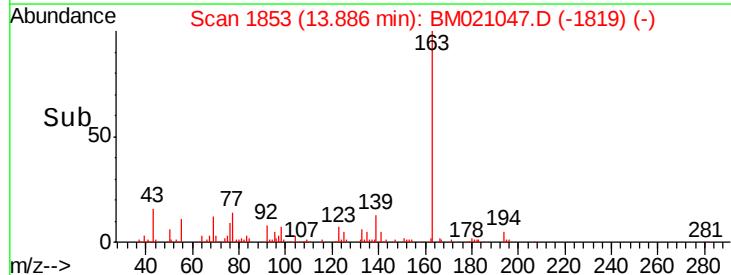
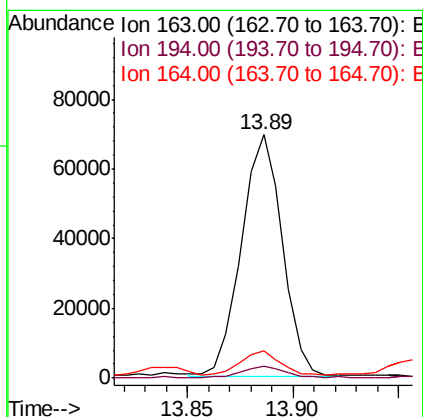
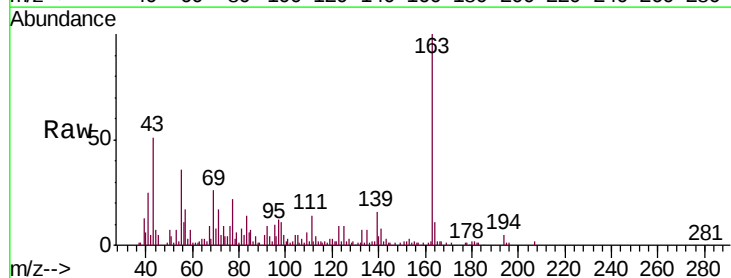
Instrument :
 BNA_M
 ClientSampleId :
 DB8K1

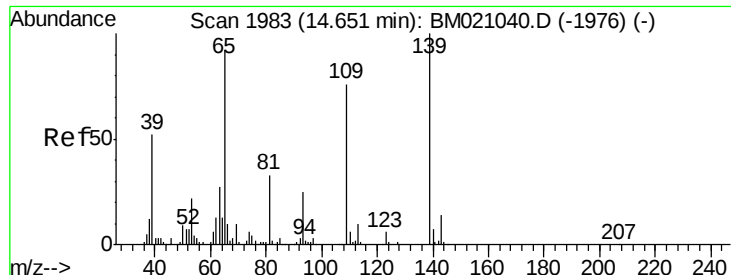
Tgt Ion:107 Resp: 22630
 Ion Ratio Lower Upper
 107 100
 144 13.8 21.0 31.4#
 142 12.8 64.3 96.5#



#44
 Dimethylphthalate
 Concen: 1.656 ng/ul
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM021047.D
 Acq: 19 Jun 2019 22:17

Tgt Ion:163 Resp: 93815
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.4 5.2
 164 11.2 7.7 11.5





#52

4-Nitrophenol

Concen: 12.577 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BM021047.D

Acq: 19 Jun 2019 22:17

Instrument :

BNA_M

ClientSampled :

DB8K1

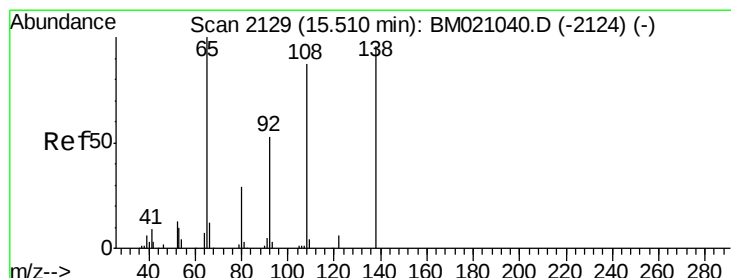
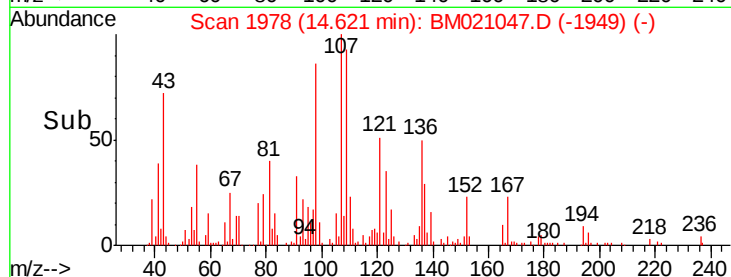
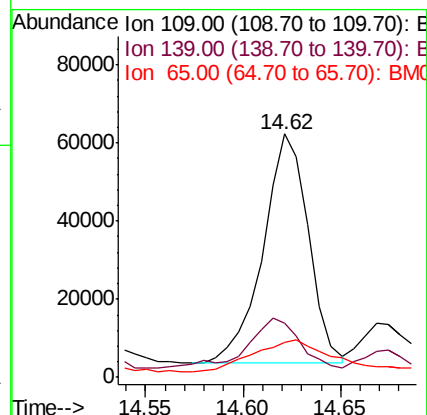
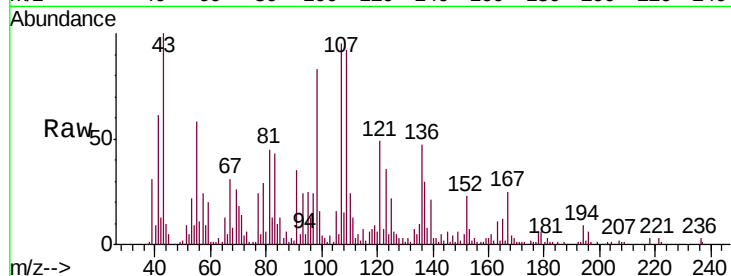
Tgt Ion:109 Resp: 94164

Ion Ratio Lower Upper

109 100

139 22.4 106.2 159.4#

65 14.2 99.6 149.4#



#60

4-Nitroaniline

Concen: 1.422 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BM021047.D

Acq: 19 Jun 2019 22:17

Tgt Ion:138 Resp: 14309

Ion Ratio Lower Upper

138 100

92 8.7 40.4 60.6#

108 26.2 64.5 96.7#

