

Data File : BM021046.D
Acq On : 19 Jun 2019 21:41
Operator : HP/JU
Sample : K3213-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8K0

Quant Time: Jun 20 03:48:47 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	264231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1058307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	642800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1421405	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1333567	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	1508643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8892	1.60	ng/uL	0.00
5) Phenol-d5	6.99	99	188944	8.22	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.13	67	376292	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	497001	26.59	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	331987	17.29	ng/ul	0.02
19) Nitrobenzene-d5	8.95	128	276122	32.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	335377	35.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	637299	32.86	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	21864	1.08	ng/ul	-0.04
43) Dimethylphthalate-d6	13.84	166	1931375	33.25	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2318428	32.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	2135	0.23	ng/ul	-0.02
57) Fluorene-d10	15.42	176	1640794	32.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	283820	32.48	ng/ul	0.00
70) Anthracene-d10	17.27	188	2434111	32.95	ng/ul	0.00
78) Pyrene-d10	19.56	212	2736315	34.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2668673	29.98	ng/ul	0.00

Target Compounds

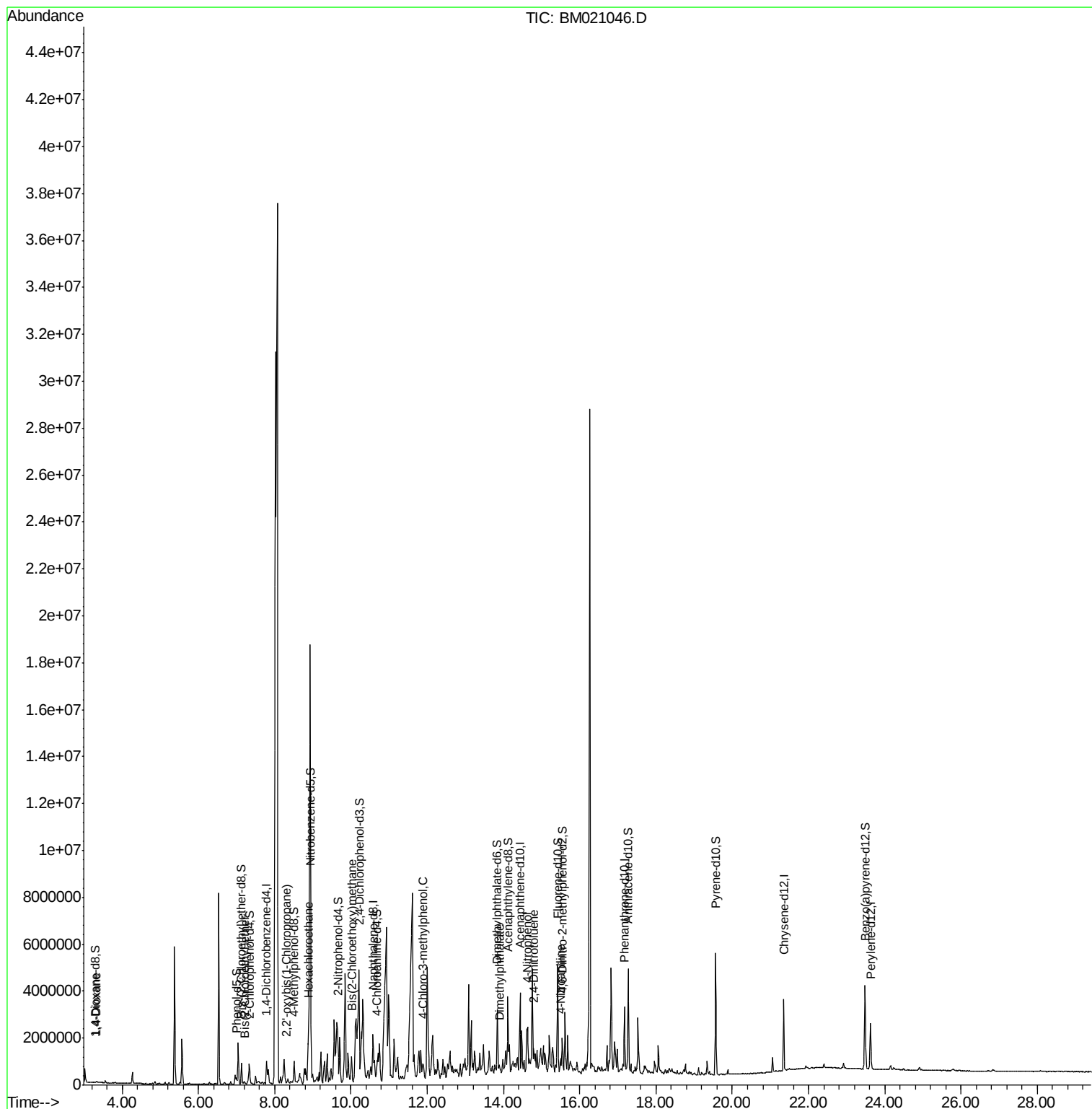
					Qvalue
2) 1,4-Dioxane	3.33	88	22440	3.985	ng/uL 97
8) Bis(2-Chloroethyl)ether	7.22	93	21517	1.296	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.31	45	35086	1.655	ng/ul 97
17) Hexachloroethane	8.88	117	31387	4.276	ng/ul# 1
25) Bis(2-Chloroethoxy)methane	10.01	93	23841	1.064	ng/ul# 80
33) 4-Chloro-3-methylphenol	11.88	107	28101	1.561	ng/ul# 38
44) Dimethylphthalate	13.89	163	172649	3.265	ng/ul 98
52) 4-Nitrophenol	14.63	109	201093	28.777	ng/ul# 4
54) 2,4-Dinitrotoluene	14.79	165	17275	1.180	ng/ul# 63
60) 4-Nitroaniline	15.50	138	20257	2.157	ng/ul# 44

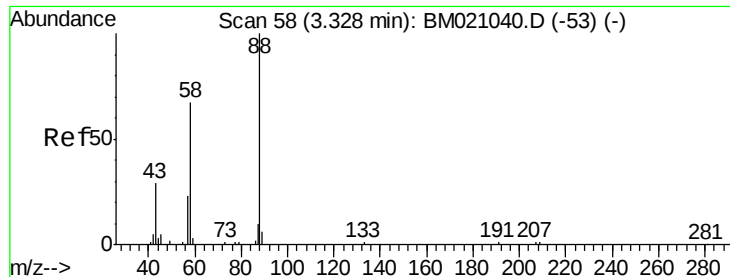
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.985 ng/uL

RT: 3.33 min Scan# 58

Delta R.T. 0.00 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB8K0

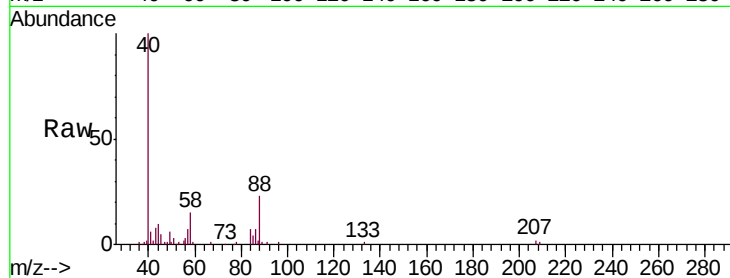
Tgt Ion: 88 Resp: 22440

Ion Ratio Lower Upper

88 100

43 33.6 26.7 40.1

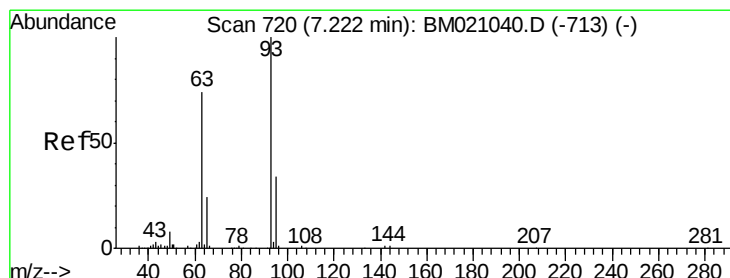
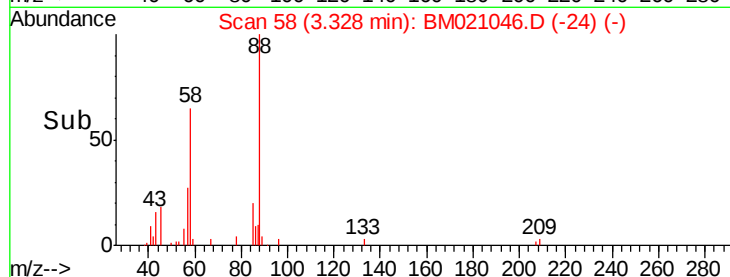
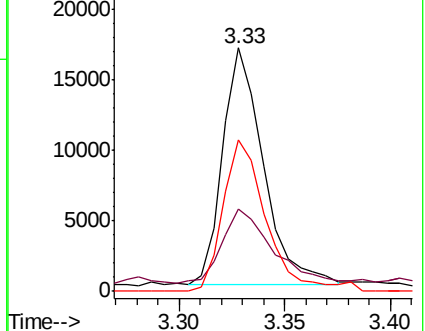
58 62.4 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): BM021046.D (-53) (-)

Ion 43.00 (42.70 to 43.70): BM021046.D (-53) (-)

Ion 58.00 (57.70 to 58.70): BM021046.D (-53) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.296 ng/uL

RT: 7.22 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

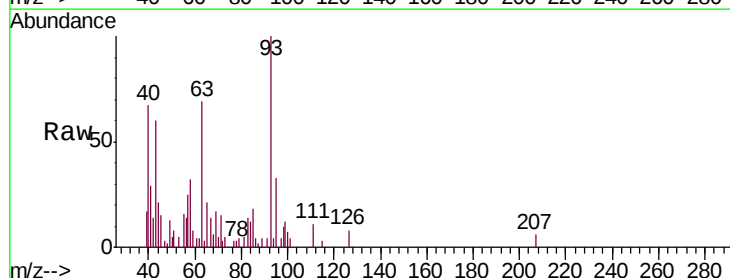
Tgt Ion: 93 Resp: 21517

Ion Ratio Lower Upper

93 100

63 68.8 57.9 86.9

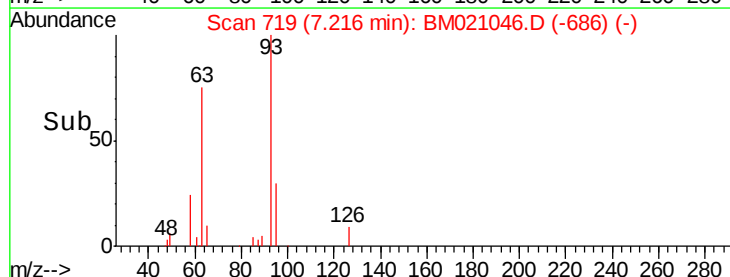
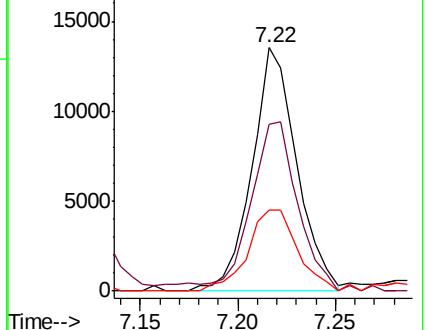
95 33.4 26.2 39.4

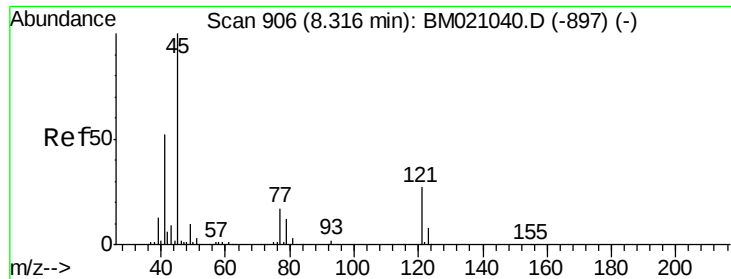


Abundance Ion 93.00 (92.70 to 93.70): BM021046.D (-713) (-)

Ion 63.00 (62.70 to 63.70): BM021046.D (-713) (-)

Ion 95.00 (94.70 to 95.70): BM021046.D (-713) (-)

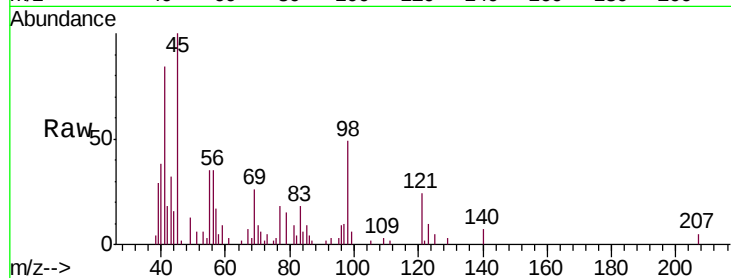




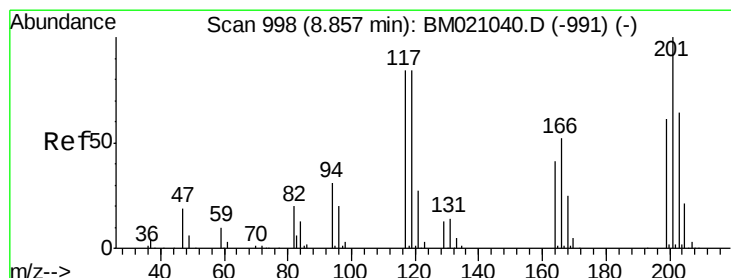
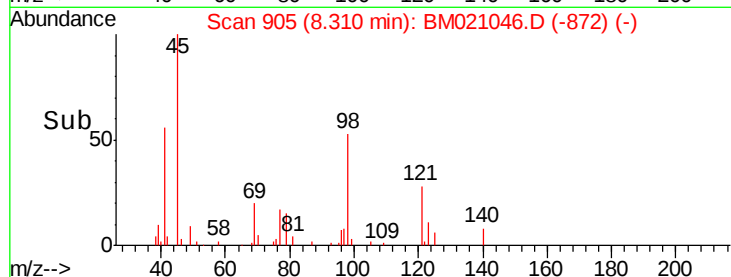
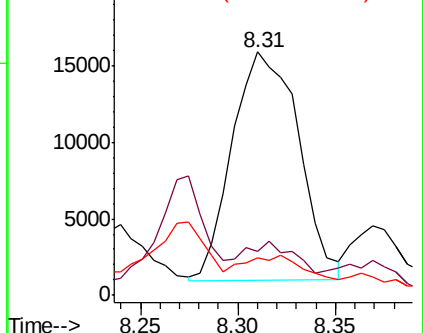
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 1.655 ng/ul
 RT: 8.31 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BM021046.D
 Acq: 19 Jun 2019 21:41

Instrument :
 BNA_M
 ClientSampled :
 DB8K0

Tgt Ion: 45 Resp: 35086
 Ion Ratio Lower Upper
 45 100
 77 18.3 13.8 20.6
 79 15.2 10.7 16.1

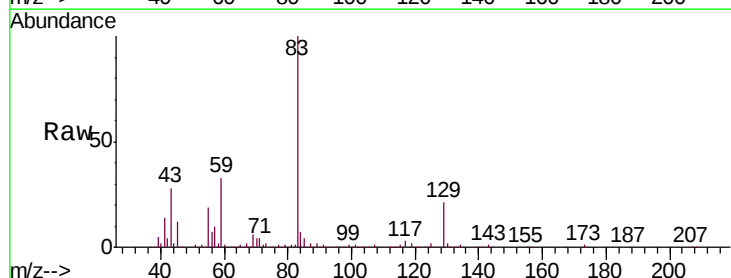


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

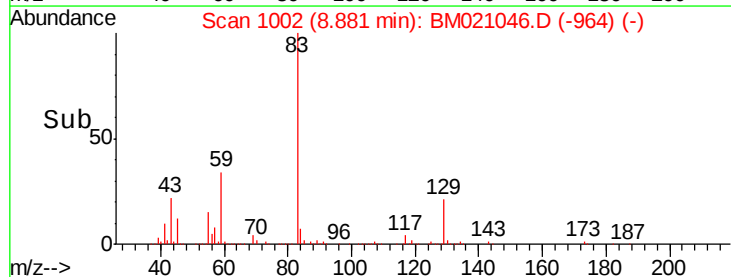
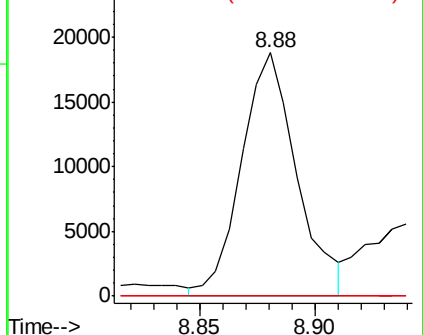


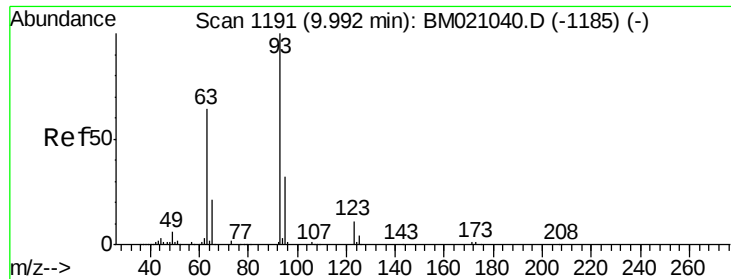
#17
 Hexachloroethane
 Concen: 4.276 ng/ul
 RT: 8.88 min Scan# 1002
 Delta R.T. 0.02 min
 Lab File: BM021046.D
 Acq: 19 Jun 2019 21:41

Tgt Ion: 117 Resp: 31387
 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): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 1.064 ng/ul

RT: 10.01 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB8K0

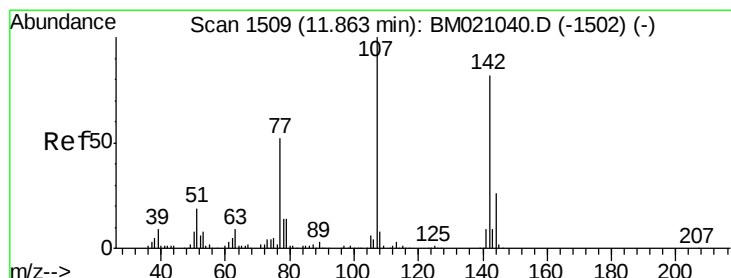
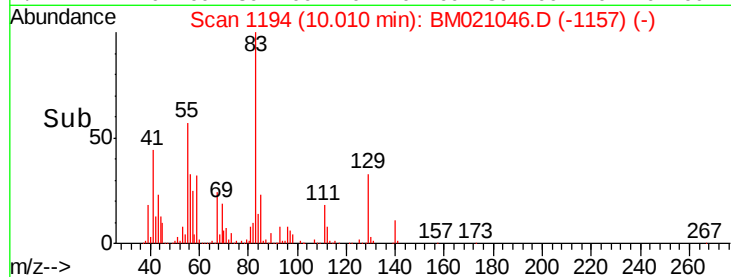
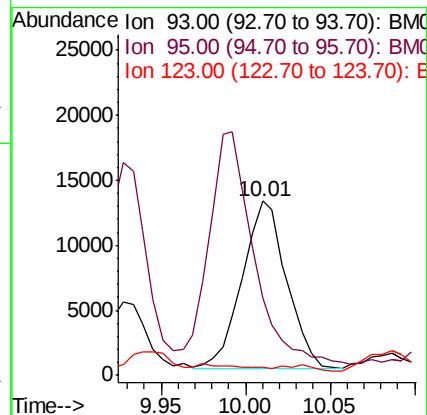
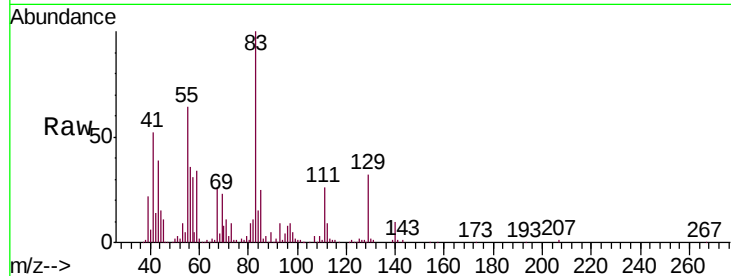
Tgt Ion: 93 Resp: 23841

Ion Ratio Lower Upper

93 100

95 44.3 26.0 39.0#

123 5.0 9.0 13.6#



#33

4-Chloro-3-methylphenol

Concen: 1.561 ng/ul

RT: 11.88 min Scan# 1512

Delta R.T. 0.02 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

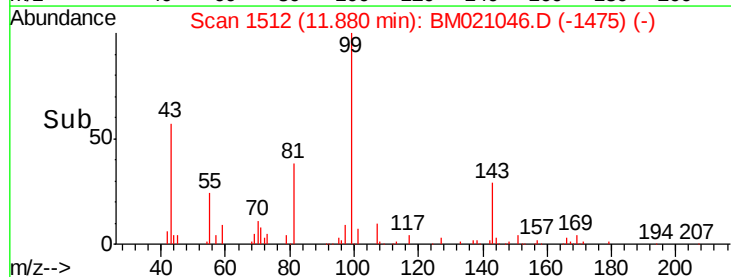
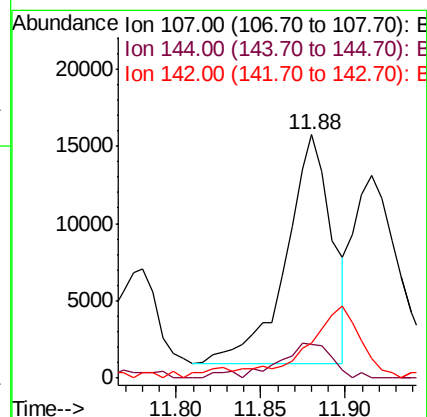
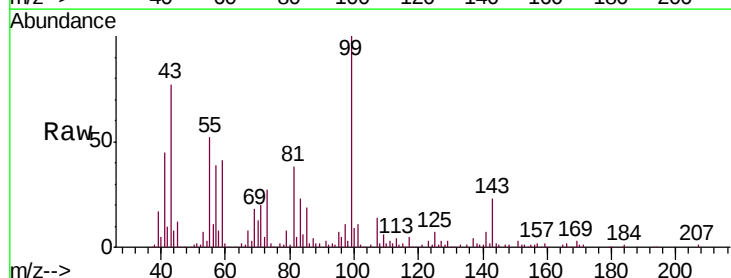
Tgt Ion: 107 Resp: 28101

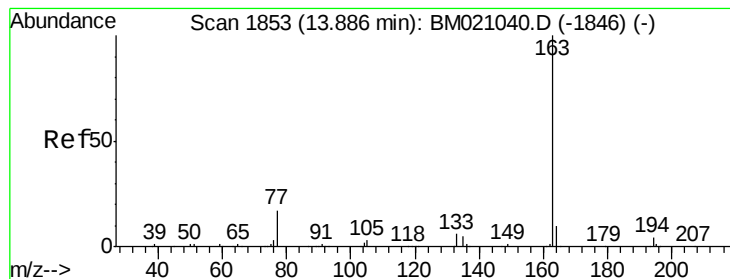
Ion Ratio Lower Upper

107 100

144 14.0 21.0 31.4#

142 14.5 64.3 96.5#





#44

Dimethylphthalate

Concen: 3.265 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

Instrument :

BNA_M

ClientSampleId :

DB8K0

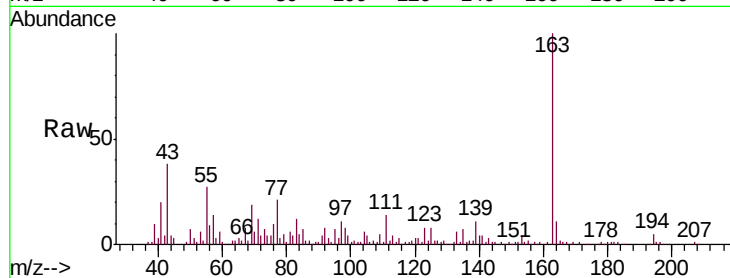
Tgt Ion:163 Resp: 172649

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

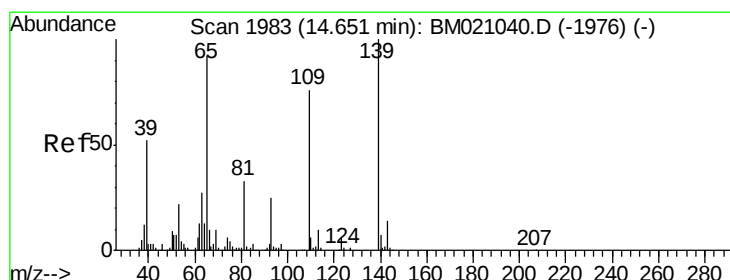
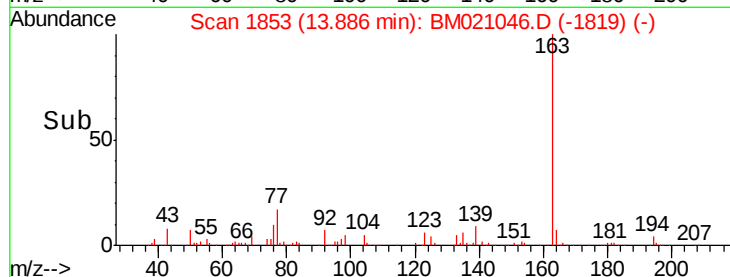
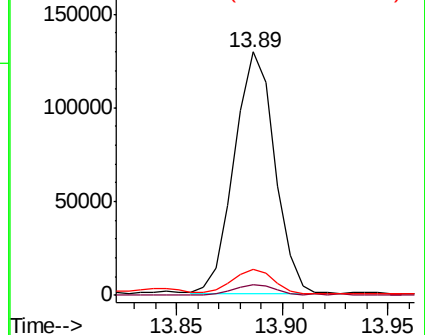
164 10.7 7.7 11.5



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



#52

4-Nitrophenol

Concen: 28.777 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BM021046.D

Acq: 19 Jun 2019 21:41

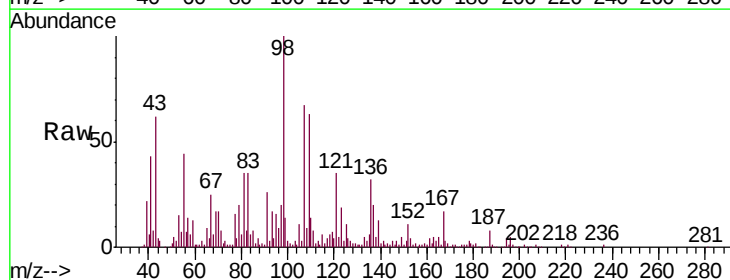
Tgt Ion:109 Resp: 201093

Ion Ratio Lower Upper

109 100

139 20.1 106.2 159.4#

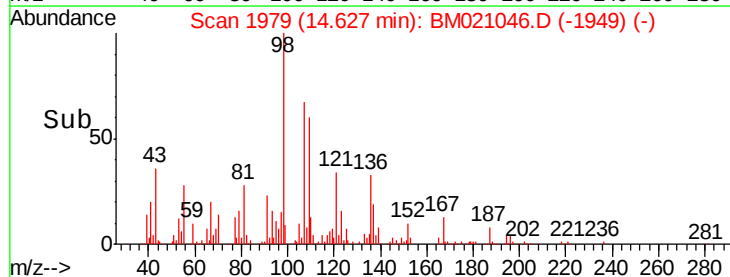
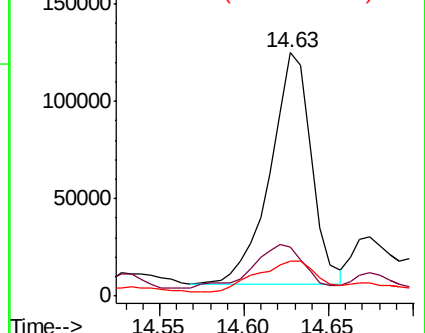
65 14.2 99.6 149.4#

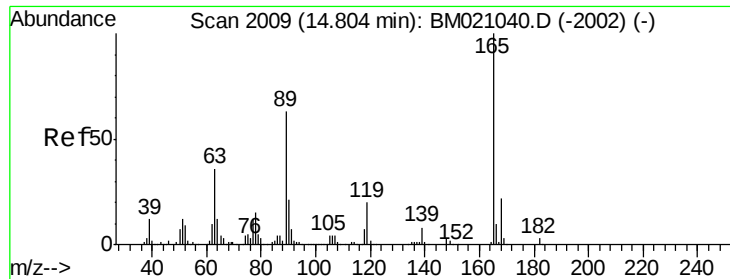


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC

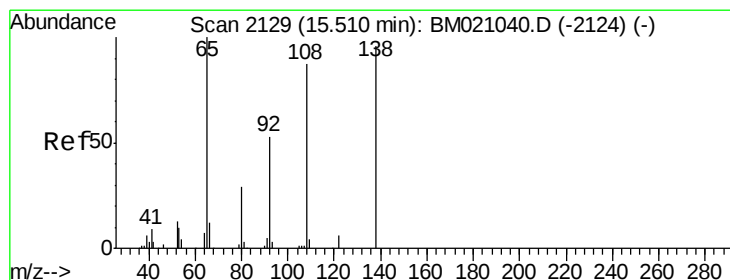
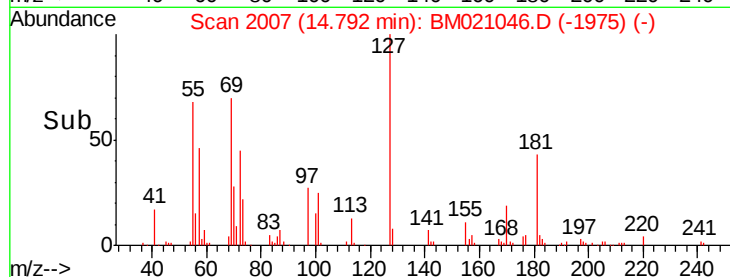
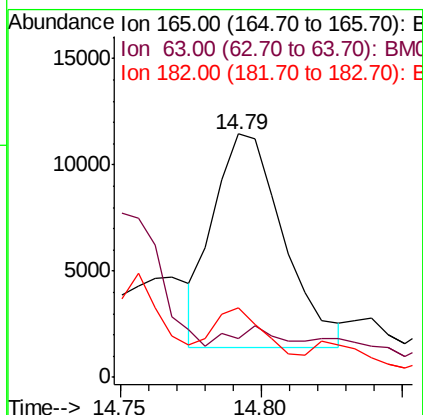
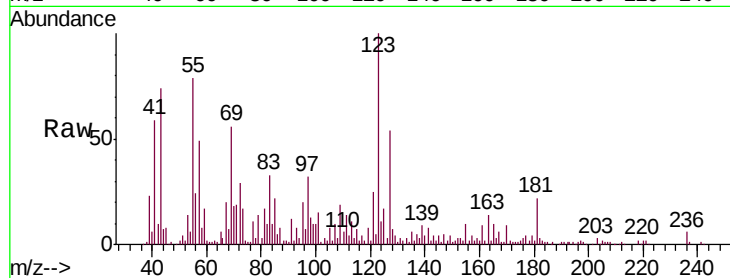




#54
 2,4-Dinitrotoluene
 Concen: 1.180 ng/ul
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM021046.D
 Acq: 19 Jun 2019 21:41

Instrument :
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 ClientSampleID :
 DB8K0

Tgt Ion:165 Resp: 17275
 Ion Ratio Lower Upper
 165 100
 63 16.2 29.4 44.0#
 182 28.3 2.1 3.1#



#60
 4-Nitroaniline
 Concen: 2.157 ng/ul
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM021046.D
 Acq: 19 Jun 2019 21:41

Tgt Ion:138 Resp: 20257
 Ion Ratio Lower Upper
 138 100
 92 8.6 40.4 60.6#
 108 34.1 64.5 96.7#

