

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021491.D
 Acq On : 17 Jul 2019 11:34
 Operator : HP/JU
 Sample : K3772-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52S2

Quant Time: Jul 17 15:04:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	164565	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	646899	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.37	164	372204	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	852561	20.00	ng/ul	-0.01
77) Chrysene-d12	21.31	240	851238	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	996252	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	21492	6.43	ng/uL	0.00
5) Phenol-d5	6.90	99	86540	6.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	204048	26.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	246422	22.38	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	162052	15.90	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	144924	27.20	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	163733	27.17	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	311422	25.91	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	28504	2.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1019155	31.26	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	1133653	27.70	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.60	143	20233	3.92	ng/ul	0.00
57) Fluorene-d10	15.36	176	876874	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	121925	21.27	ng/ul	0.00
70) Anthracene-d10	17.22	188	1465834	33.10	ng/ul	-0.01
78) Pyrene-d10	19.52	212	1720894	36.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1986956	34.68	ng/ul	0.00

Target Compounds

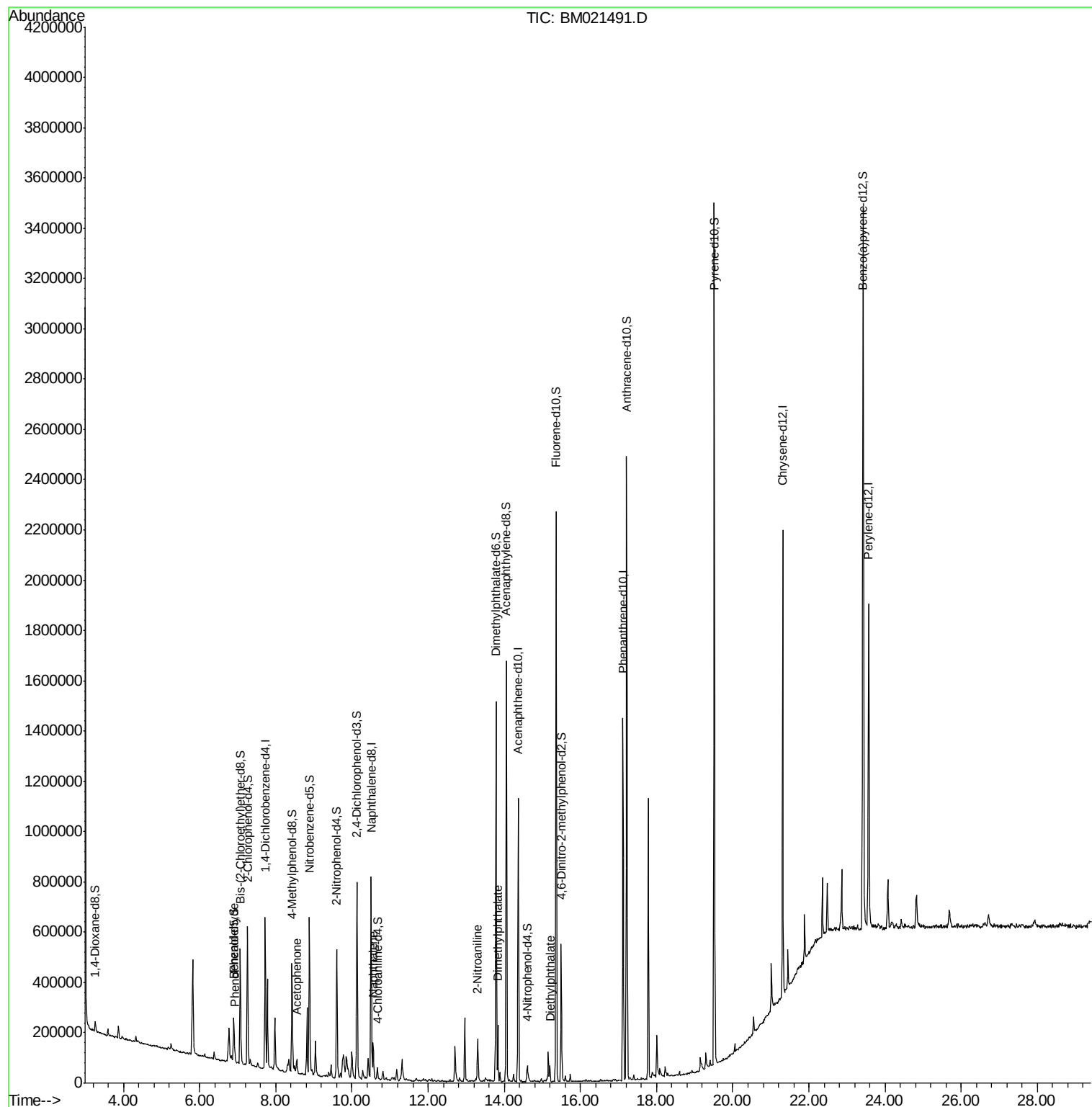
					Qvalue
4) Benzaldehyde	6.89	77	14191	2.054	ng/ul 95
6) Phenol	6.93	94	14721	1.202	ng/ul 99
14) Acetophenone	8.55	105	26599	1.733	ng/ul 91
28) Naphthalene	10.56	128	55863	1.659	ng/ul 98
42) 2-Nitroaniline	13.30	65	6708	1.230	ng/ul# 11
44) Dimethylphthalate	13.83	163	138969	4.578	ng/ul 100
56) Diethylphthalate	15.20	149	30588	1.050	ng/ul 100

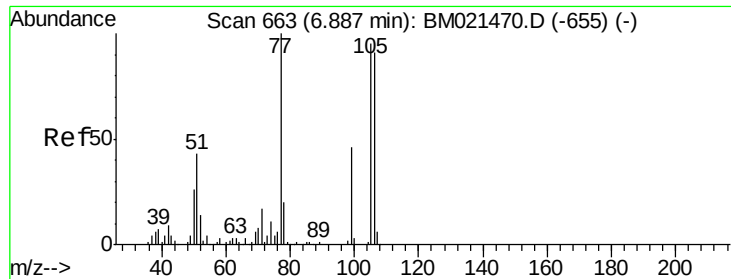
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.054 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

Instrument :

BNA_M

ClientSampleId :

A52S2

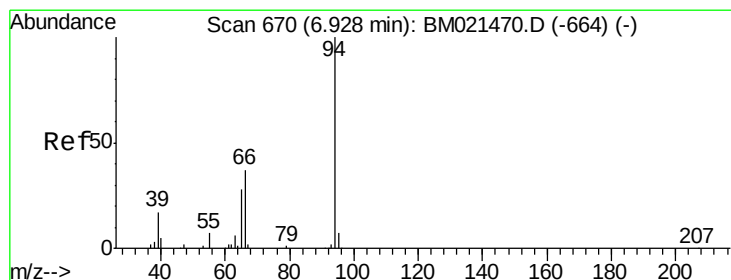
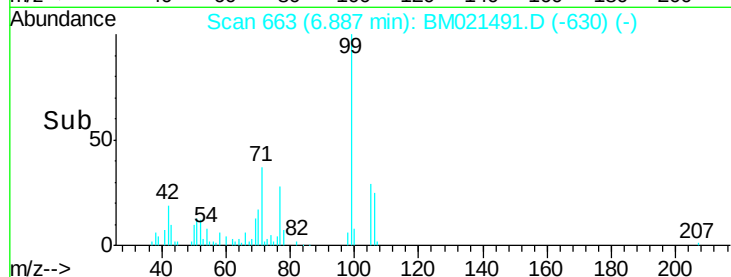
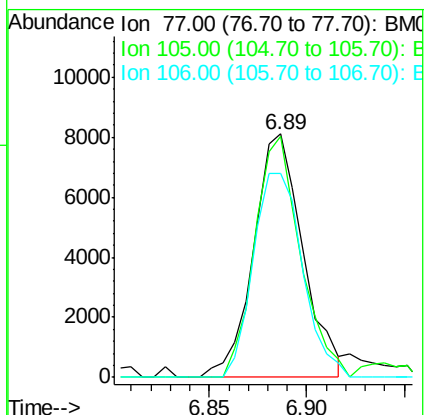
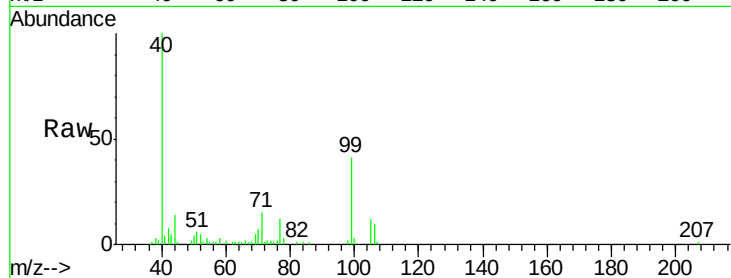
Tgt Ion: 77 Resp: 14191

Ion Ratio Lower Upper

77 100

105 99.0 76.8 115.2

106 83.5 71.4 107.2



#6

Phenol

Concen: 1.202 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

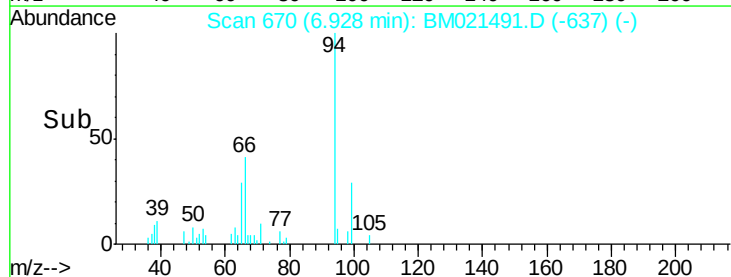
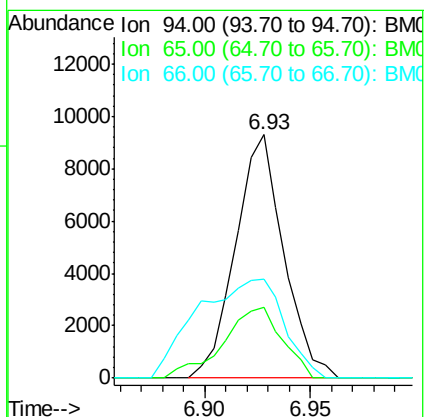
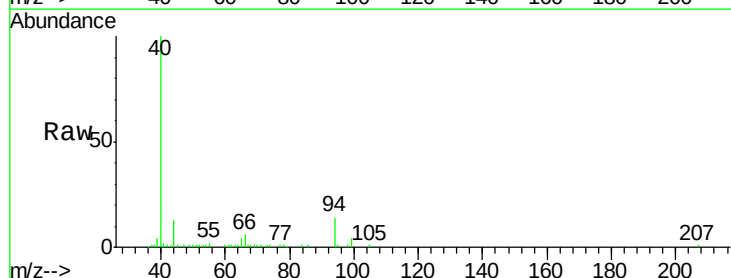
Tgt Ion: 94 Resp: 14721

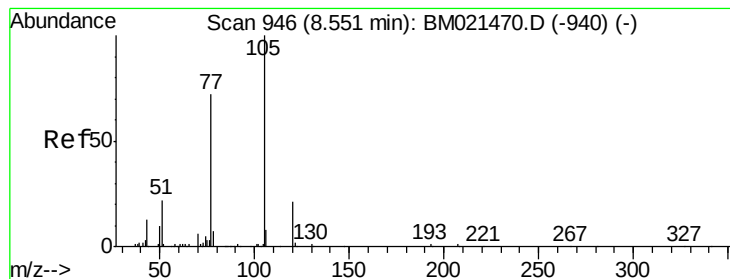
Ion Ratio Lower Upper

94 100

65 29.1 23.0 34.6

66 40.7 31.6 47.4





#14

Acetophenone

Concen: 1.733 ng/ul

RT: 8.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

Instrument :

BNA_M

ClientSampleId :

A52S2

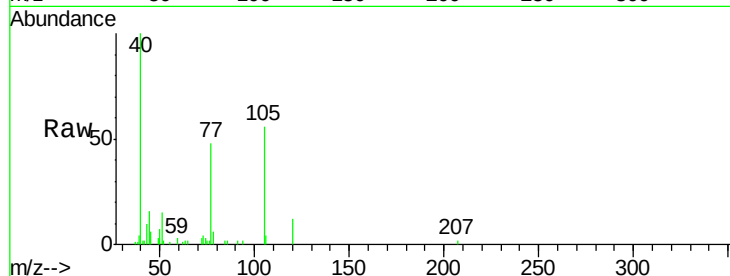
Tgt Ion:105 Resp: 26599

Ion Ratio Lower Upper

105 100

77 86.6 62.1 93.1

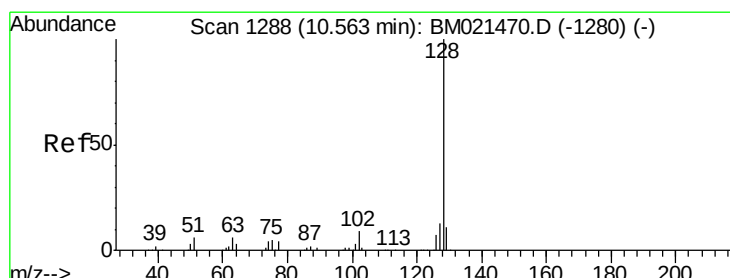
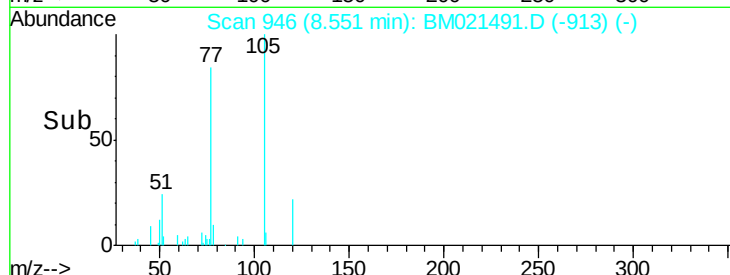
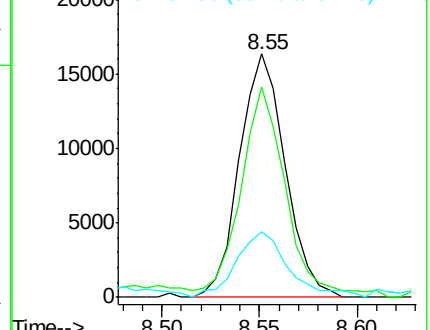
51 27.2 20.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#28

Naphthalene

Concen: 1.659 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

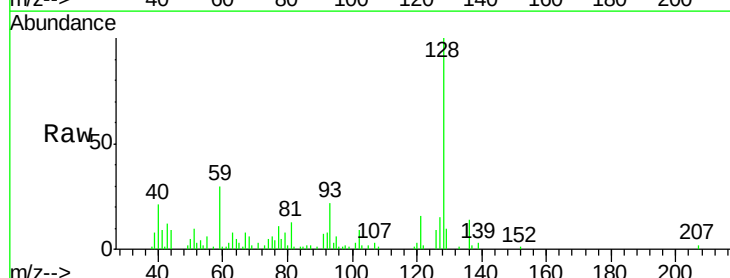
Tgt Ion:128 Resp: 55863

Ion Ratio Lower Upper

128 100

129 10.3 8.7 13.1

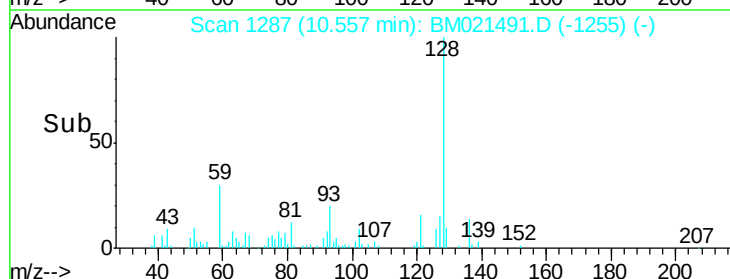
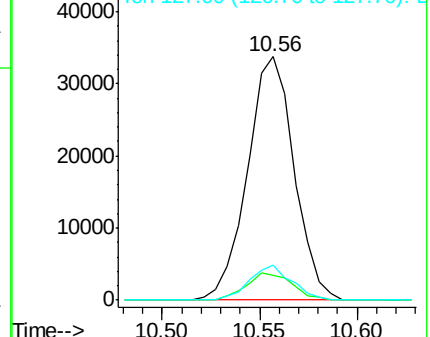
127 14.5 10.6 16.0

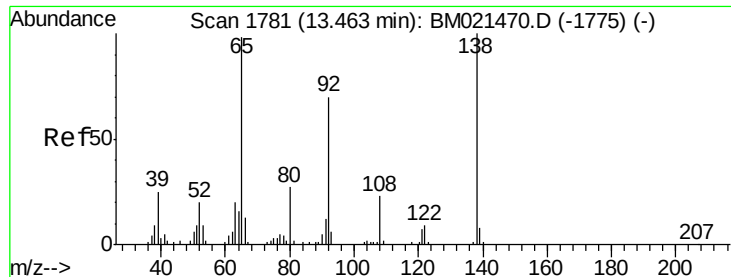


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 1.230 ng/ul

RT: 13.30 min Scan# 1754

Delta R.T. -0.16 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

Instrument :

BNA_M

ClientSampleId :

A52S2

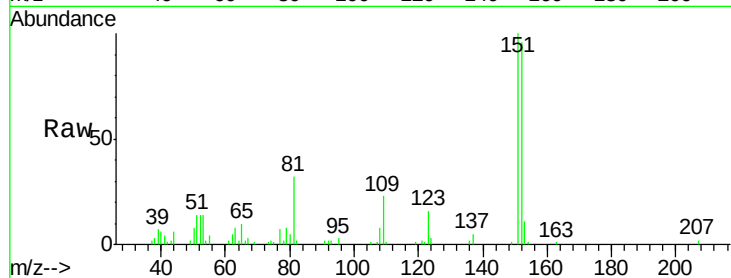
Tgt Ion: 65 Resp: 6708

Ion Ratio Lower Upper

65 100

92 17.7 57.4 86.2#

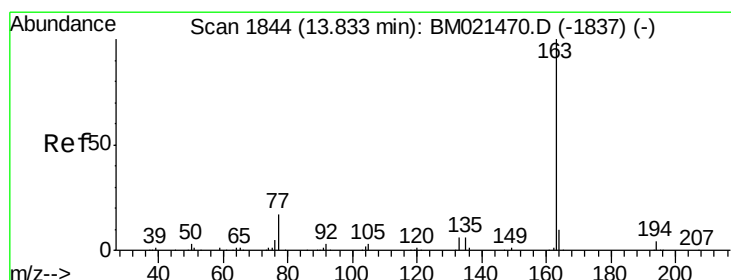
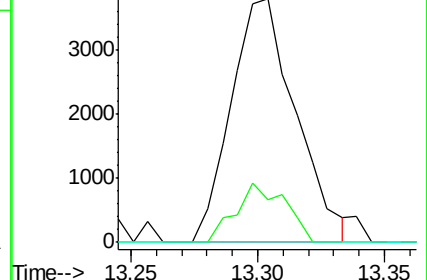
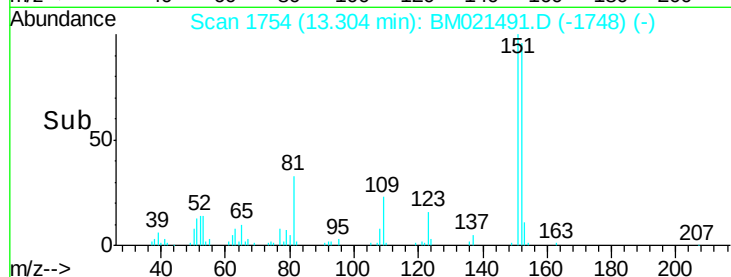
138 0.0 89.0 133.6#



Abundance Ion 65.00 (64.70 to 65.70): BM021491.D (-1748) (-)

Ion 92.00 (91.70 to 92.70): BM021491.D (-1748) (-)

Ion 138.00 (137.70 to 138.70): BM021491.D (-1748) (-)



#44

Dimethylphthalate

Concen: 4.578 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

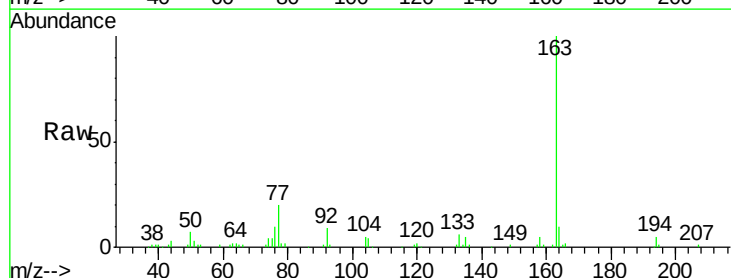
Tgt Ion: 163 Resp: 138969

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

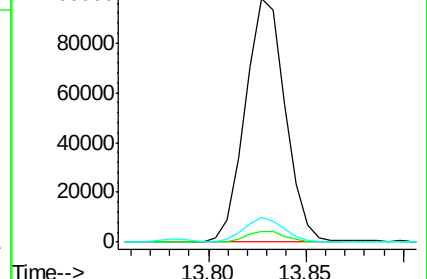
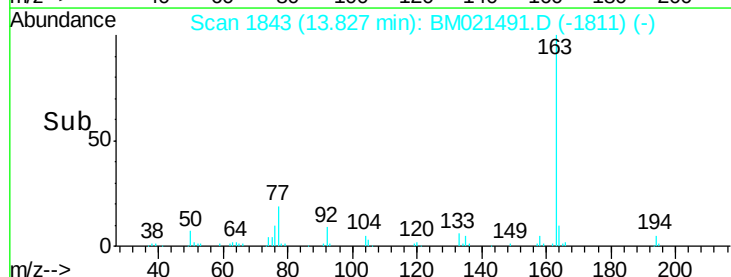
164 10.3 8.3 12.5

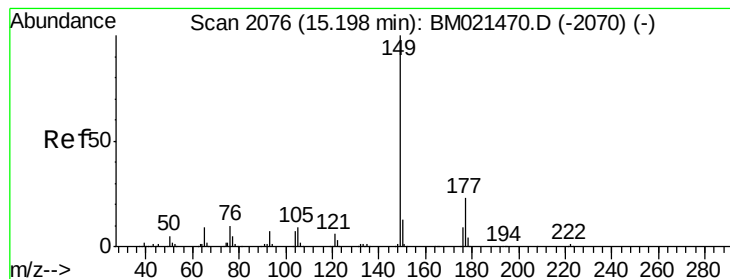


Abundance Ion 163.00 (162.70 to 163.70): BM021491.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM021491.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM021491.D (-1811) (-)





#56

Diethylphthalate

Concen: 1.050 ng/ul

RT: 15.20 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BM021491.D

Acq: 17 Jul 2019 11:34

Instrument :

BNA_M

ClientSampleId :

A52S2

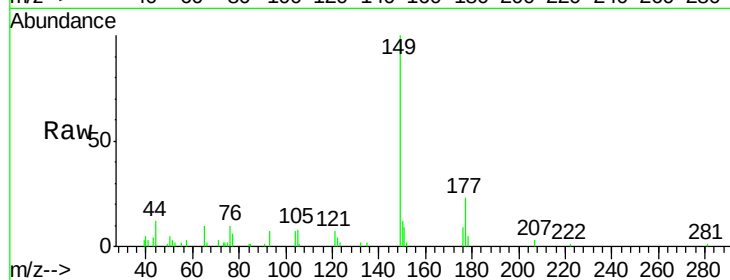
Tgt Ion:149 Resp: 30588

Ion Ratio Lower Upper

149 100

177 23.2 18.8 28.2

150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

