

Data File : BM017444.D
Acq On : 31 Oct 2018 23:53
Operator : MJ/SJ
Sample : J5701-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G2

Quant Time: Nov 01 06:50:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 06:46:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	368107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1606282	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	931486	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2888981	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	406225	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1576582	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18848	2.36	ng/uL	0.00
5) Phenol-d5	6.82	99	531189	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	326103	16.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	455905	17.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	416676	15.67	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	207572	16.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	231860	16.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	443609	16.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	565218	26.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1380836	17.29	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1782049	18.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	183822	12.32	ng/ul	0.02
58) Fluorene-d10	15.29	176	1172363	16.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	145676	7.24	ng/ul	0.07
71) Anthracene-d10	17.16	188	1988422	13.90	ng/ul	0.02
79) Pyrene-d10	19.44	212	2001572	106.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	1529854	18.37	ng/ul	0.02

Target Compounds

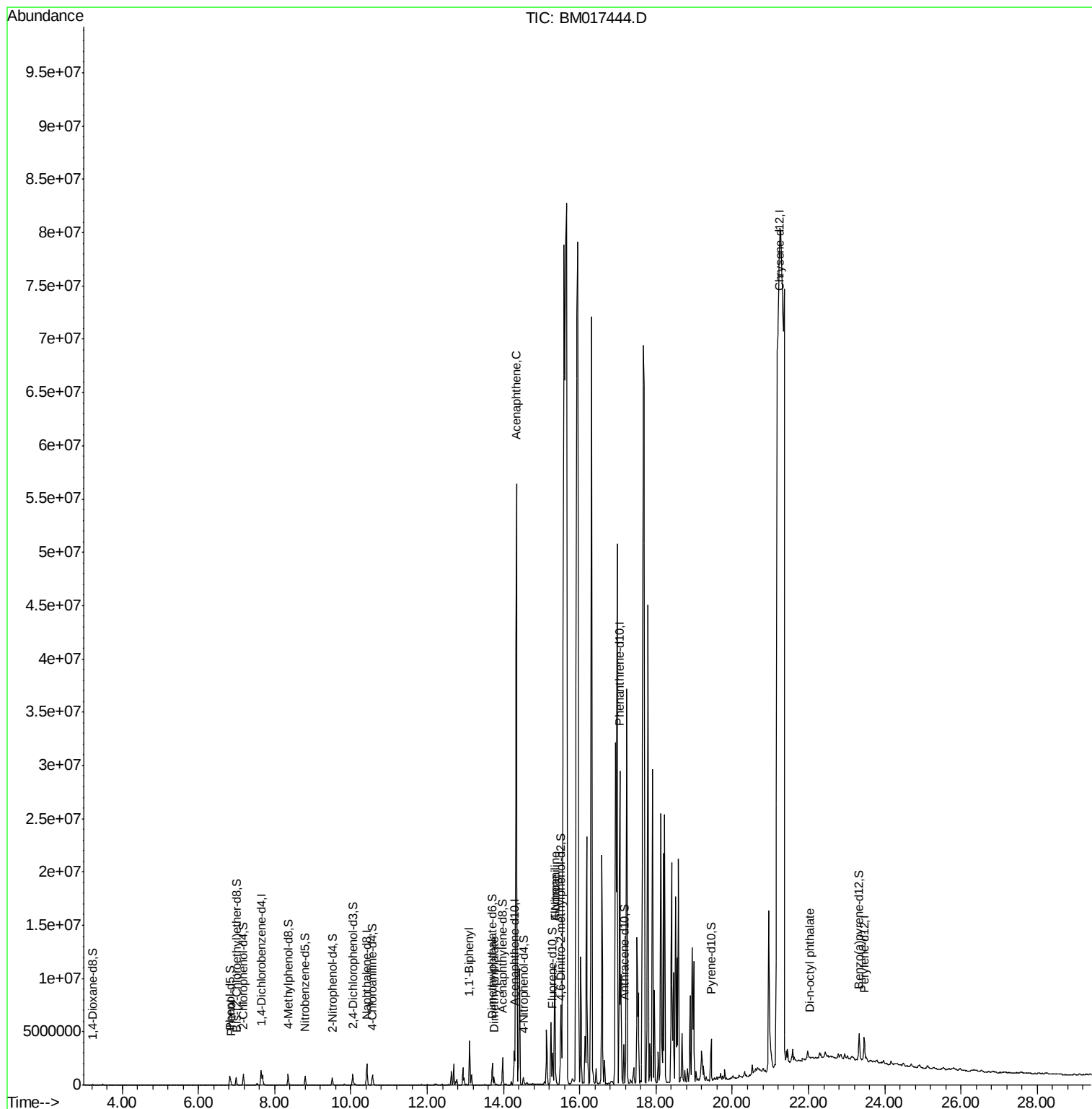
					Qvalue	
6) Phenol	6.85	94	154901	4.639	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1020072	13.237	ng/ul	99
45) Dimethylphthalate	13.75	163	473689	6.121	ng/ul	99
50) Acenaphthene	14.34	153	155073	2.379	ng/ul#	71
59) Fluorene	15.34	166	2478591	32.566	ng/ul#	41
61) 4-Nitroaniline	15.34	138	31185	1.776	ng/ul#	18
87) Di-n-octyl phthalate	22.04	149	165712	2.018	ng/ul	100

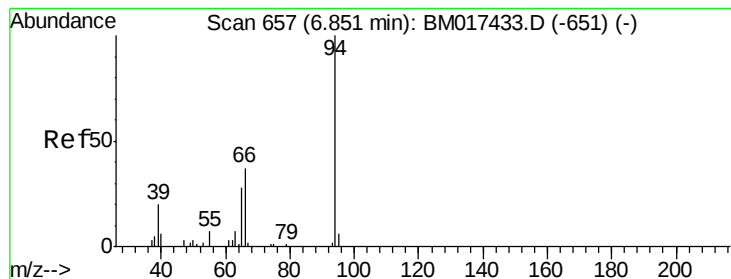
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.639 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

A40G2

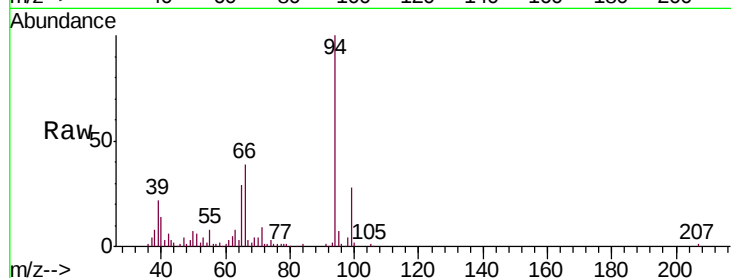
Tgt Ion: 94 Resp: 154901

Ion Ratio Lower Upper

94 100

65 28.7 24.0 36.0

66 38.9 31.1 46.7

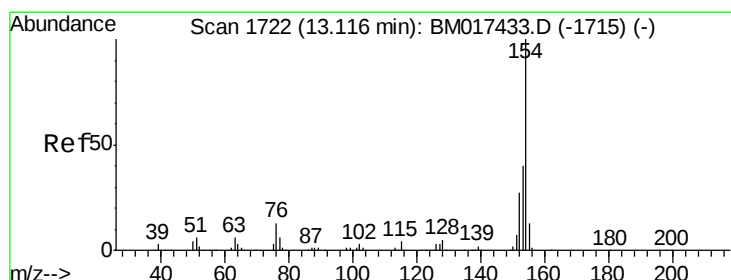
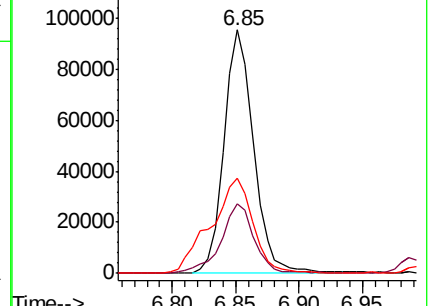
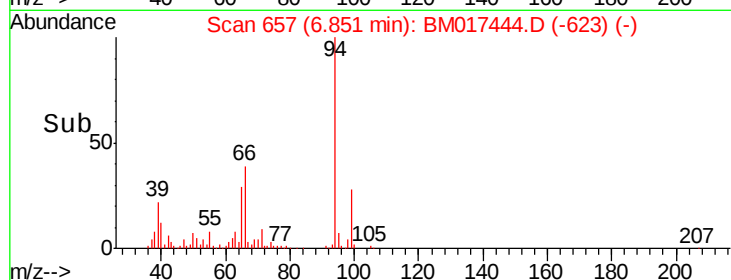


Abundance Ion 94.00 (93.70 to 94.70): BM017433.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM017433.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM017433.D (-651) (-)

Time-->



#41

1,1'-Biphenyl

Concen: 13.237 ng/ul

RT: 13.12 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BM017444.D

Acq: 31 Oct 2018 23:53

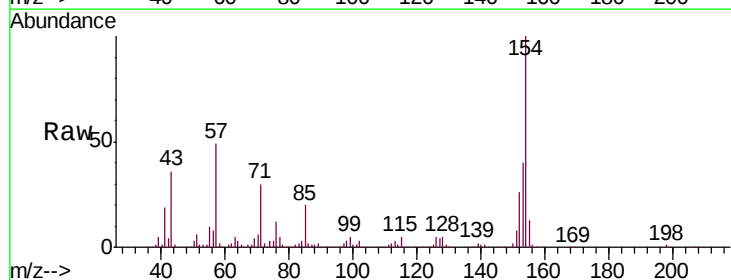
Tgt Ion: 154 Resp: 1020072

Ion Ratio Lower Upper

154 100

153 40.1 31.5 47.3

76 12.0 9.8 14.6

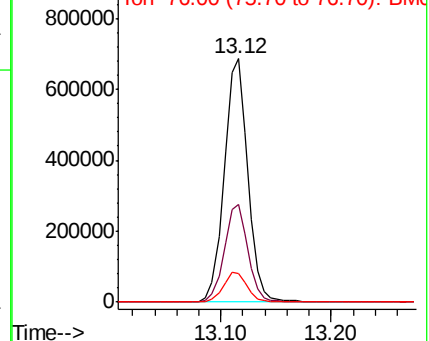
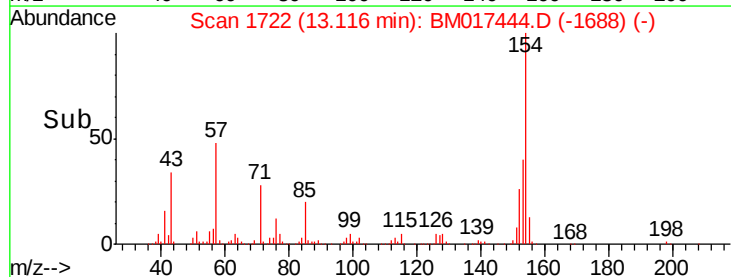


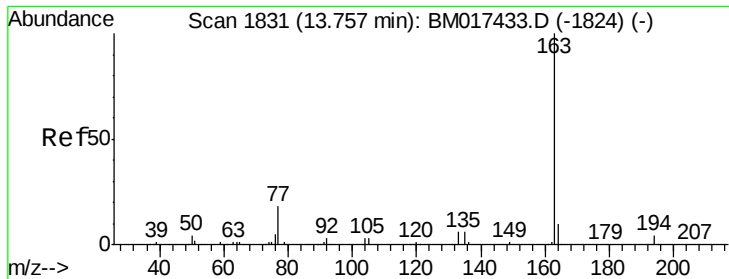
Abundance Ion 154.00 (153.70 to 154.70): BM017433.D (-1715) (-)

Ion 153.00 (152.70 to 153.70): BM017433.D (-1715) (-)

Ion 76.00 (75.70 to 76.70): BM017433.D (-1715) (-)

Time-->





#45

Dimethylphthalate

Concen: 6.121 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

A40G2

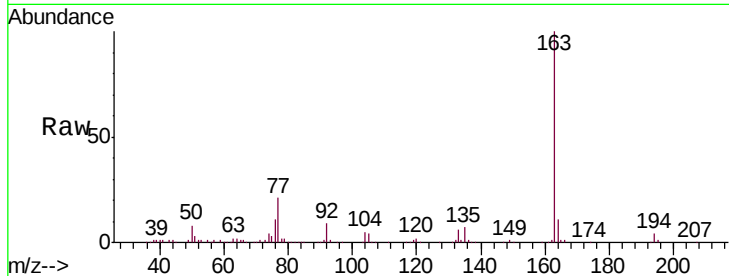
Tgt Ion:163 Resp: 473689

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

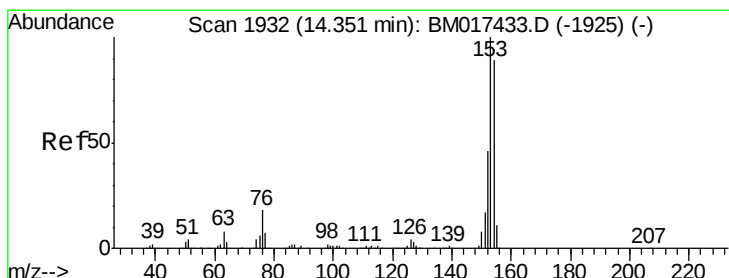
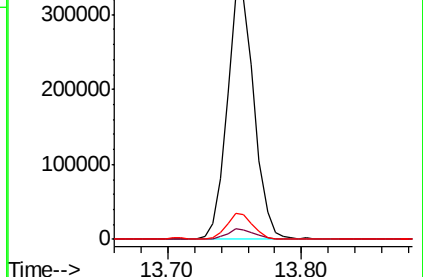
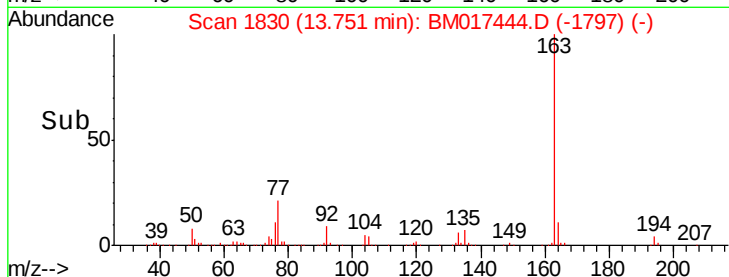
164 10.6 8.1 12.1



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



#50

Acenaphthene

Concen: 2.379 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM017444.D

Acq: 31 Oct 2018 23:53

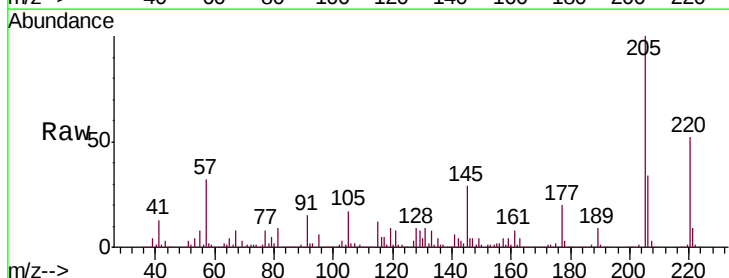
Tgt Ion:153 Resp: 155073

Ion Ratio Lower Upper

153 100

152 51.8 36.9 55.3

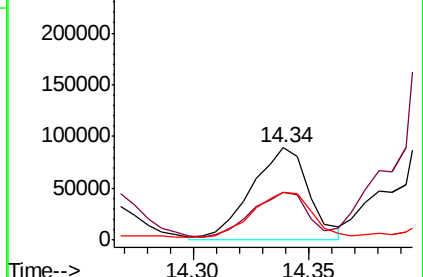
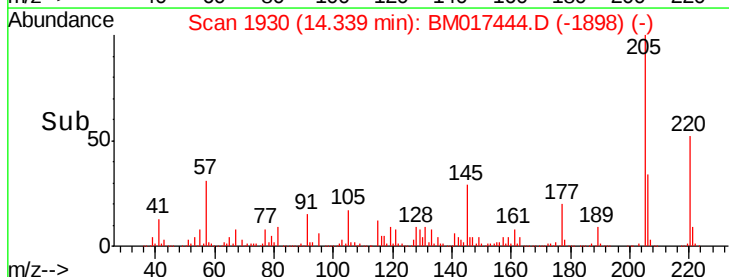
154 52.5 72.2 108.4#

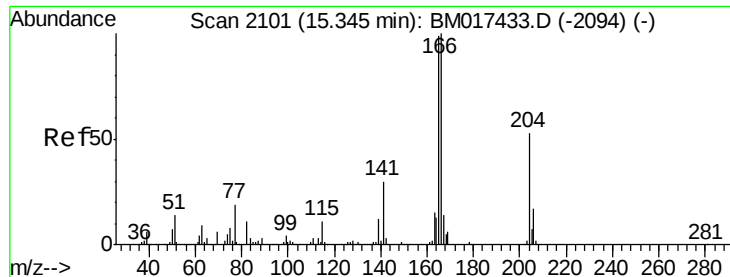


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 32.566 ng/ul

RT: 15.34 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BM017444.D

Acq: 31 Oct 2018 23:53

Instrument :

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A40G2

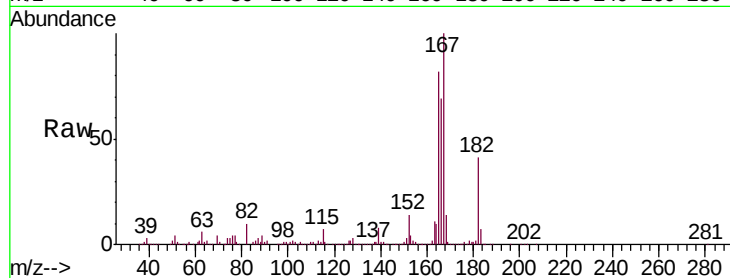
Tgt Ion:166 Resp: 2478591

Ion Ratio Lower Upper

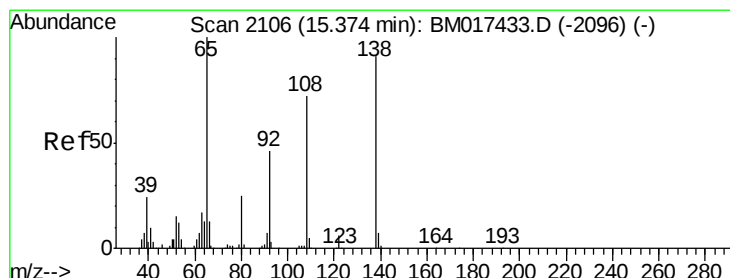
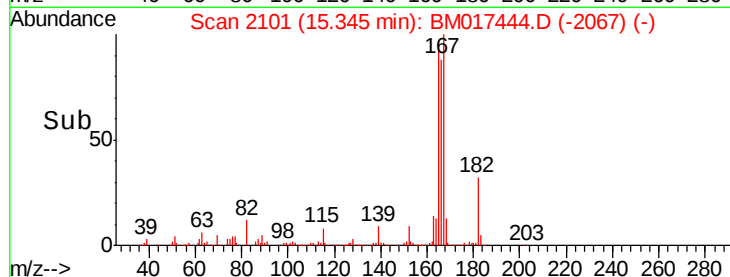
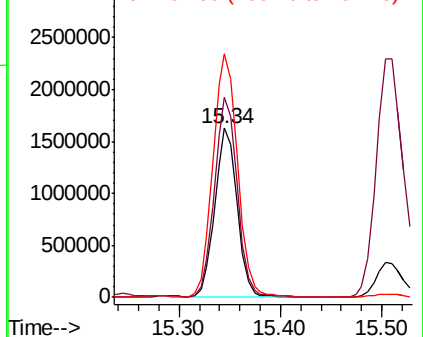
166 100

165 118.2 77.5 116.3#

167 144.1 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 1.776 ng/ul

RT: 15.34 min Scan# 2101

Delta R.T. -0.03 min

Lab File: BM017444.D

Acq: 31 Oct 2018 23:53

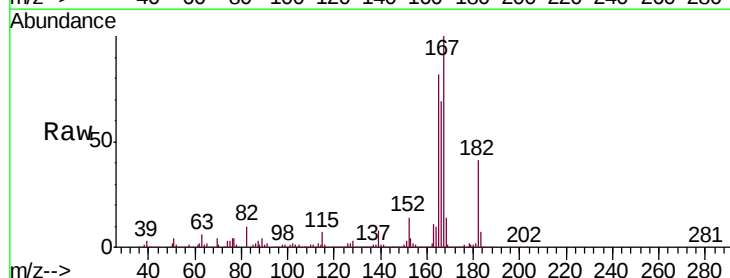
Tgt Ion:138 Resp: 31185

Ion Ratio Lower Upper

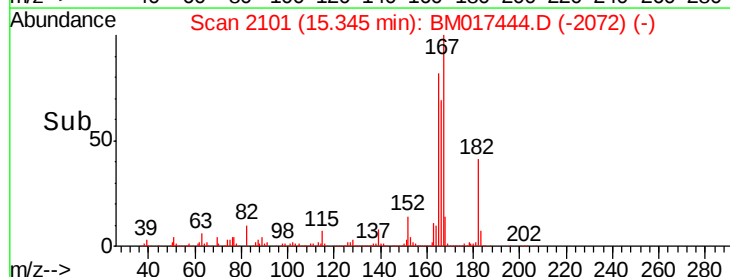
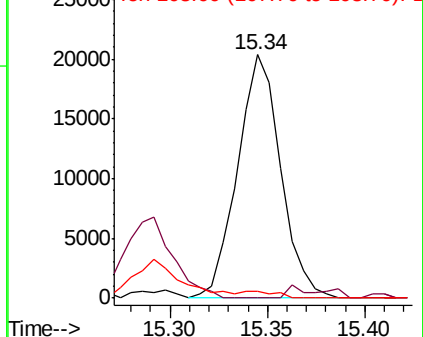
138 100

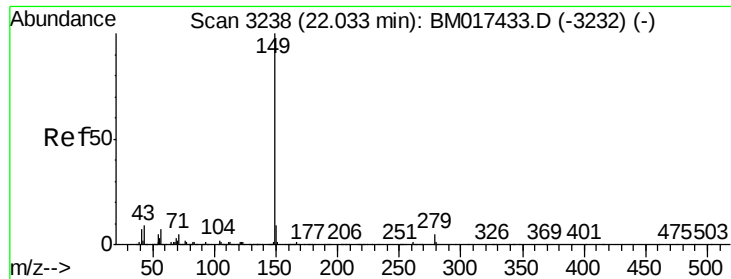
92 0.0 41.5 62.3#

108 2.9 63.7 95.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#87

Di-n-octyl phthalate

Concen: 2.018 ng/ul

RT: 22.04 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BM017444.D

Acq: 31 Oct 2018 23:53

Instrument :

BNA_M

ClientSampleId :

A40G2

Tgt Ion:149 Resp: 165712

