

Data File : BM017463.D
Acq On : 01 Nov 2018 13:43
Operator : MJ/SJ
Sample : J5704-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40F8

Quant Time: Nov 02 02:00:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 01:56:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	254307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1142001	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	666845	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1896196	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	361015	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1227888	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18915	3.42	ng/uL	0.00
5) Phenol-d5	6.82	99	565470	24.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	325118	24.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	455366	25.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	448614	24.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	220845	24.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	263245	26.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	452732	24.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	449248	29.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1429583	25.00	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1809780	26.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	192382	18.01	ng/ul	0.02
58) Fluorene-d10	15.29	176	1279030	25.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	189473	14.34	ng/ul	0.06
71) Anthracene-d10	17.14	188	2177816	23.20	ng/ul	0.01
79) Pyrene-d10	19.44	212	2323919	138.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1763526	27.20	ng/ul	0.02

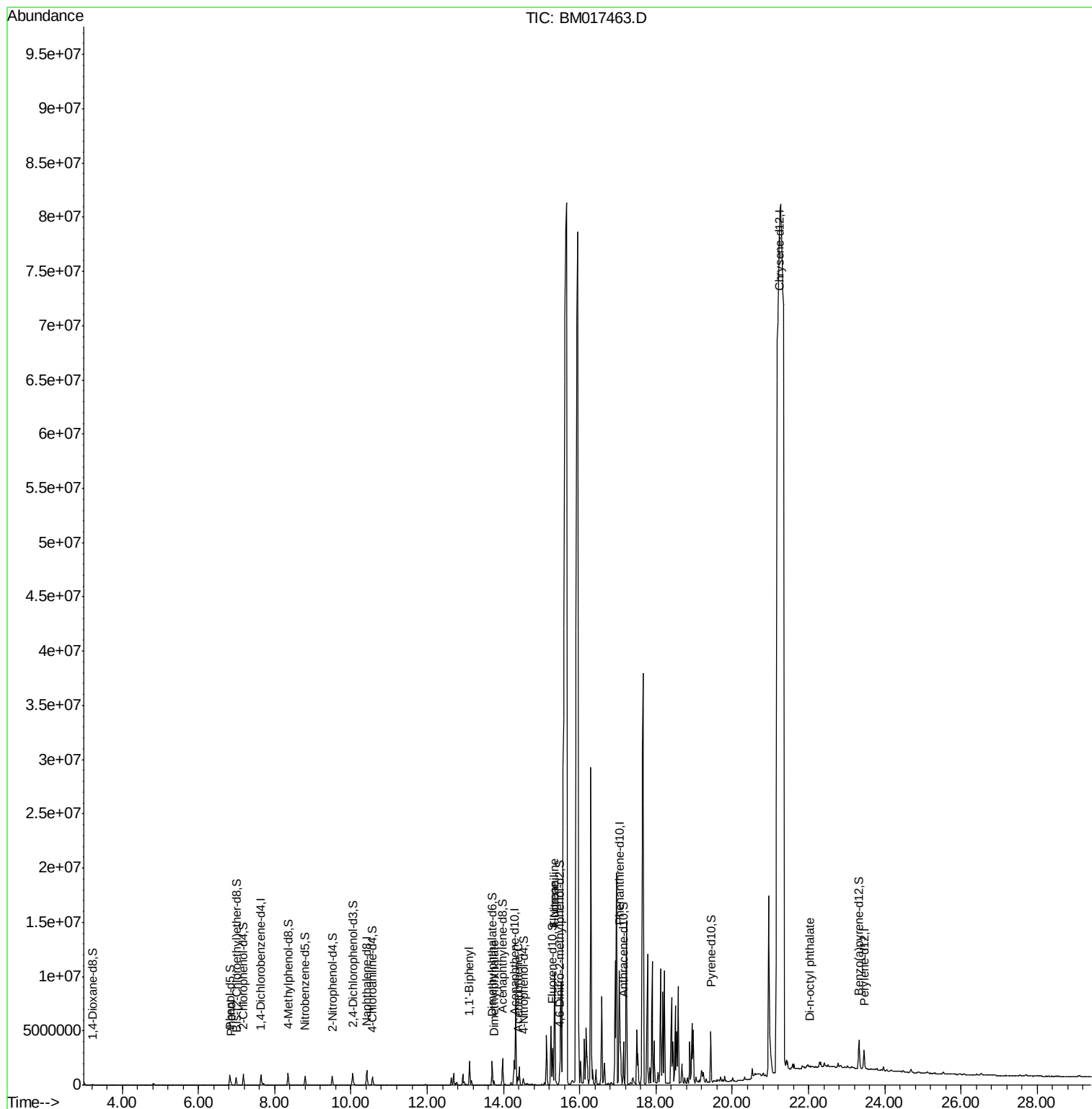
Target Compounds					Qvalue
6) Phenol	6.85	94	134186	5.817	ng/ul 98
41) 1,1'-Biphenyl	13.11	154	644798	11.688	ng/ul 99
45) Dimethylphthalate	13.75	163	264214	4.769	ng/ul 99
50) Acenaphthene	14.37	153	50591	1.084	ng/ul# 3
59) Fluorene	15.34	166	2020700	37.086	ng/ul# 29
61) 4-Nitroaniline	15.34	138	26142	2.080	ng/ul# 19
87) Di-n-octyl phthalate	22.04	149	148918	2.328	ng/ul 100

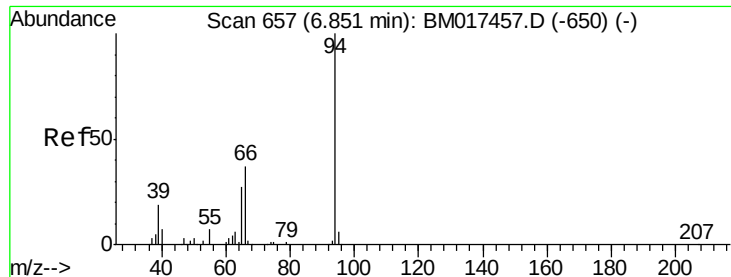
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.817 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. -0.00 min

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Acq: 01 Nov 2018 13:43

Instrument :

BNA_M

ClientSampled :

A40F8

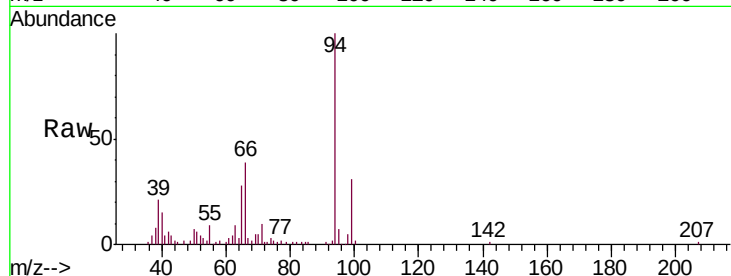
Tgt Ion: 94 Resp: 134186

Ion Ratio Lower Upper

94 100

65 28.0 24.0 36.0

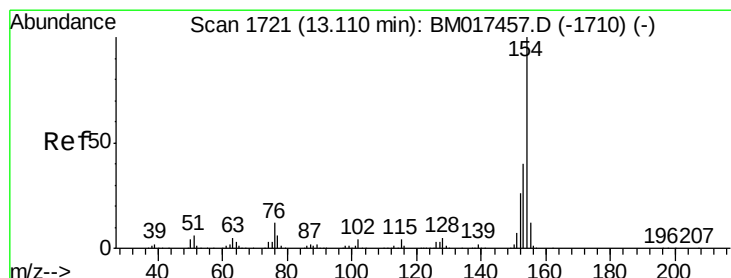
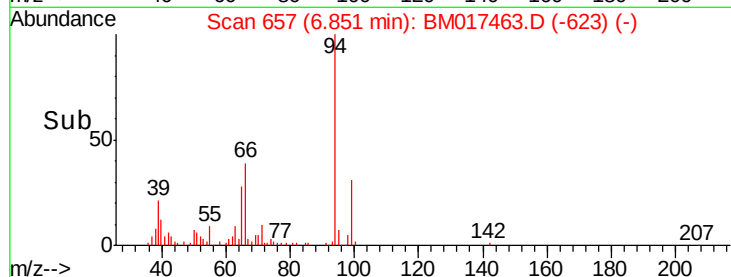
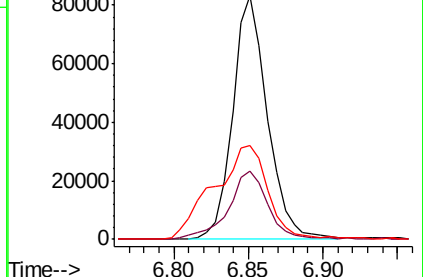
66 38.8 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017457.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM017457.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM017457.D (-650) (-)



#41

1,1'-Biphenyl

Concen: 11.688 ng/ul

RT: 13.11 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM017463.D

Acq: 01 Nov 2018 13:43

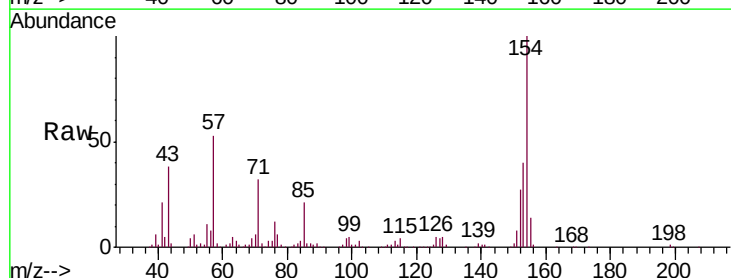
Tgt Ion: 154 Resp: 644798

Ion Ratio Lower Upper

154 100

153 40.2 31.5 47.3

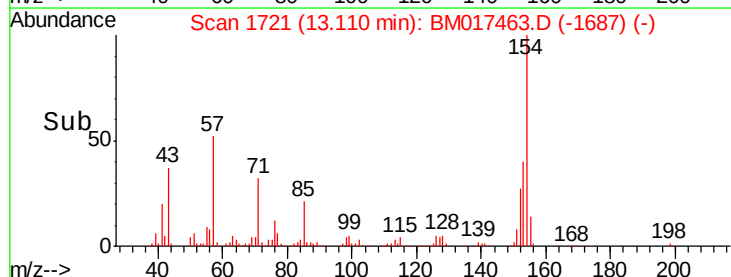
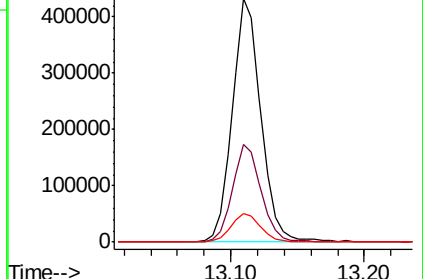
76 11.8 9.8 14.6

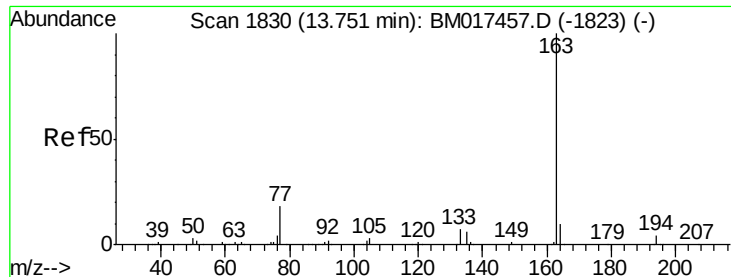


Abundance Ion 154.00 (153.70 to 154.70): BM017457.D (-1710) (-)

Ion 153.00 (152.70 to 153.70): BM017457.D (-1710) (-)

Ion 76.00 (75.70 to 76.70): BM017457.D (-1710) (-)





#45

Dimethylphthalate

Concen: 4.769 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BM017463.D

Acq: 01 Nov 2018 13:43

Instrument :

BNA_M

ClientSampleId :

A40F8

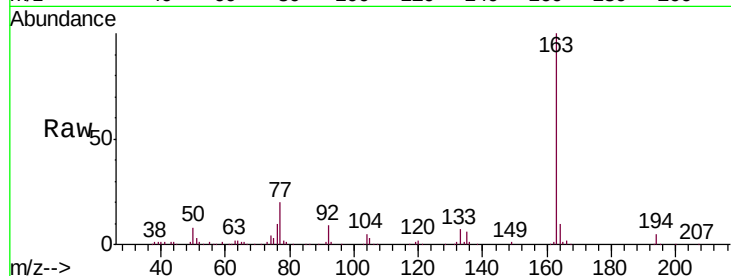
Tgt Ion:163 Resp: 264214

Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8

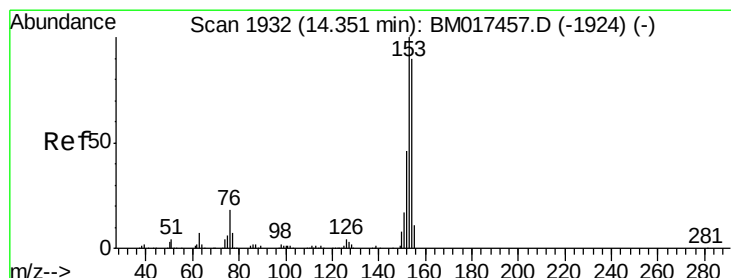
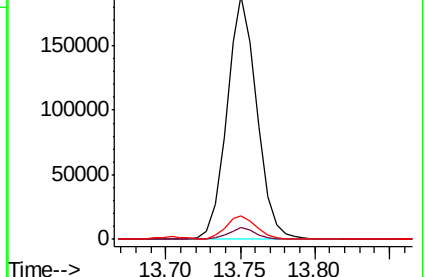
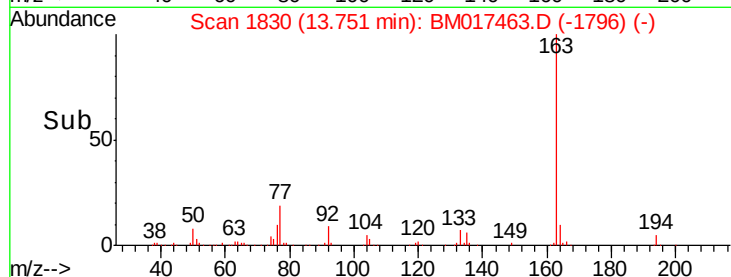
164 9.8 8.1 12.1



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: 1.084 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. 0.02 min

Lab File: BM017463.D

Acq: 01 Nov 2018 13:43

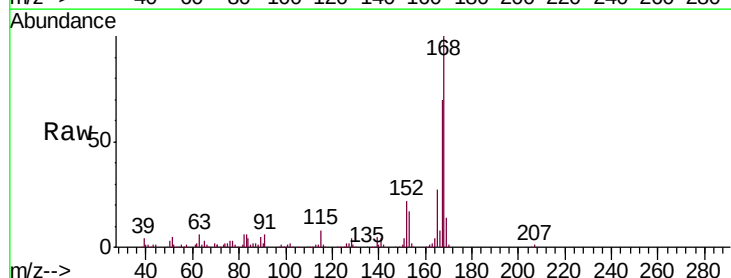
Tgt Ion:153 Resp: 50591

Ion Ratio Lower Upper

153 100

152 129.5 36.9 55.3#

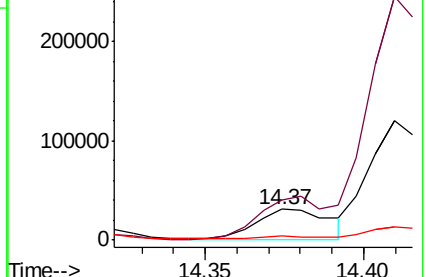
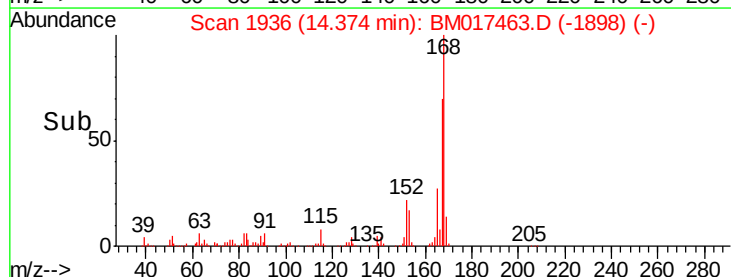
154 13.1 72.2 108.4#

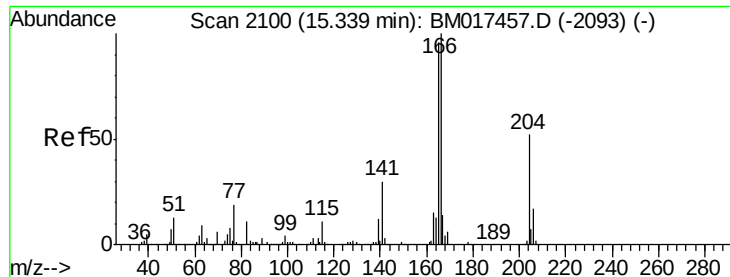


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

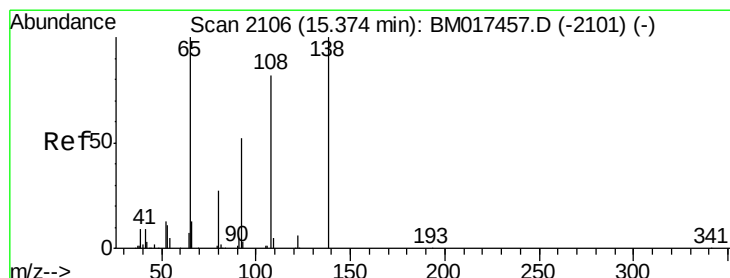
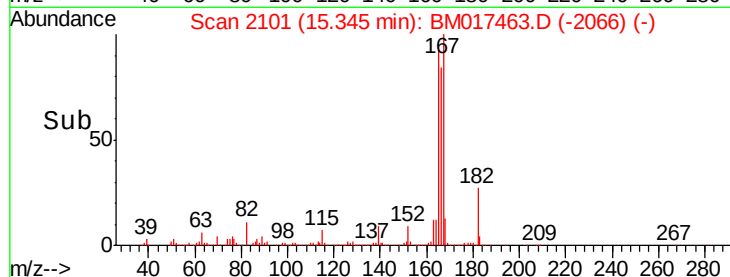
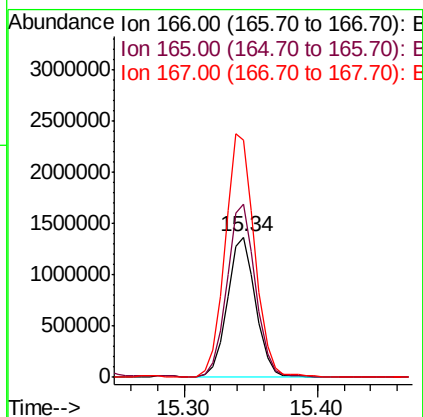
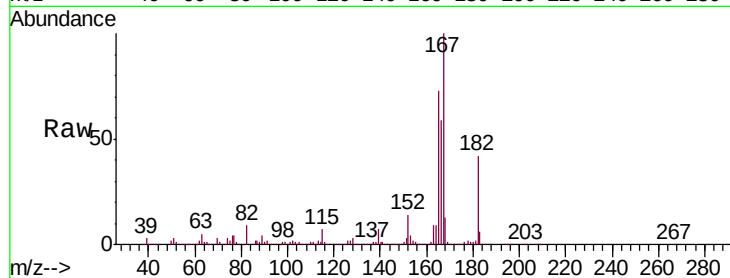




#59
 Fluorene
 Concen: 37.086 ng/ul
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM017463.D
 Acq: 01 Nov 2018 13:43

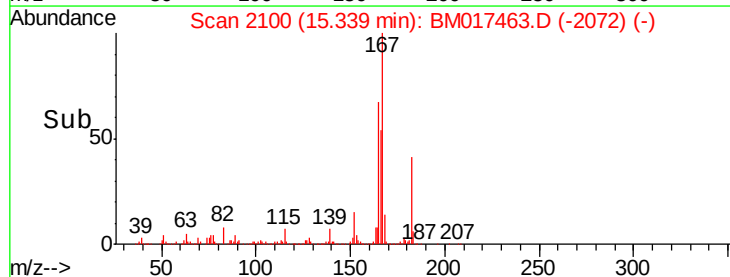
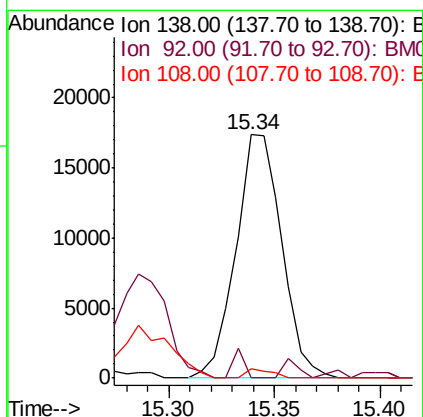
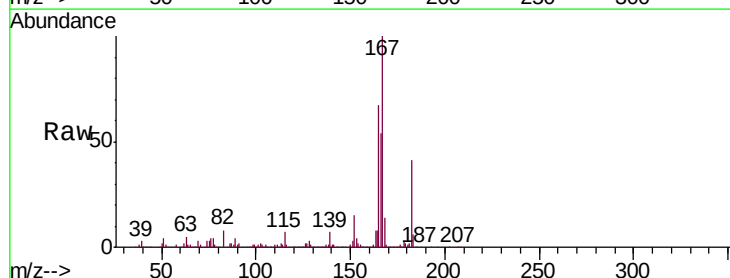
Instrument :
 BNA_M
 ClientSampleId :
 A40F8

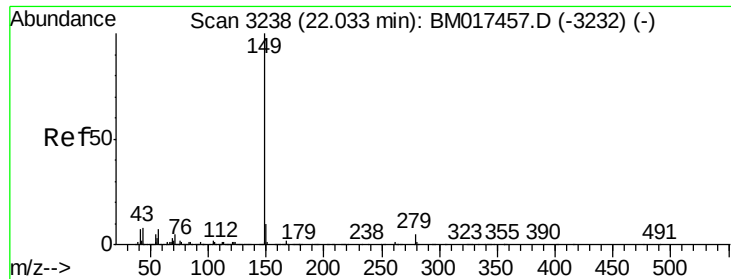
Tgt Ion:166 Resp: 2020700
 Ion Ratio Lower Upper
 166 100
 165 123.6 77.5 116.3#
 167 169.7 10.8 16.2#



#61
 4-Nitroaniline
 Concen: 2.080 ng/ul
 RT: 15.34 min Scan# 2100
 Delta R.T. -0.04 min
 Lab File: BM017463.D
 Acq: 01 Nov 2018 13:43

Tgt Ion:138 Resp: 26142
 Ion Ratio Lower Upper
 138 100
 92 0.0 41.5 62.3#
 108 3.7 63.7 95.5#





#87

Di-n-octyl phthalate

Concen: 2.328 ng/ul

RT: 22.04 min Scan# 3240

Delta R.T. 0.01 min

Lab File: BM017463.D

Acq: 01 Nov 2018 13:43

Instrument :

BNA_M

ClientSampleId :

A40F8

Tgt Ion:149 Resp: 148918

