

Data File : BM018070.D
Acq On : 11 Dec 2018 22:48
Operator : JU/SJ
Sample : J6170-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M05

Quant Time: Dec 12 01:08:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 00:58:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	176061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	766154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	429138	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	904740	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	708971	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	643270	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	5021	1.31	ng/uL	0.00
5) Phenol-d5	6.74	99	116356	7.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	243525	25.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	311094	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	210849	16.05	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	179358	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	209085	31.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	340421	26.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	3625	0.33	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	1146199	30.78	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1427917	31.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	43400	6.41	ng/ul	0.01
57) Fluorene-d10	15.20	176	973686	30.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	156957	24.27	ng/ul	0.00
70) Anthracene-d10	17.06	188	1459209	32.39	ng/ul	0.00
78) Pyrene-d10	19.36	212	1391098	40.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1140576	32.69	ng/ul	0.00

Target Compounds

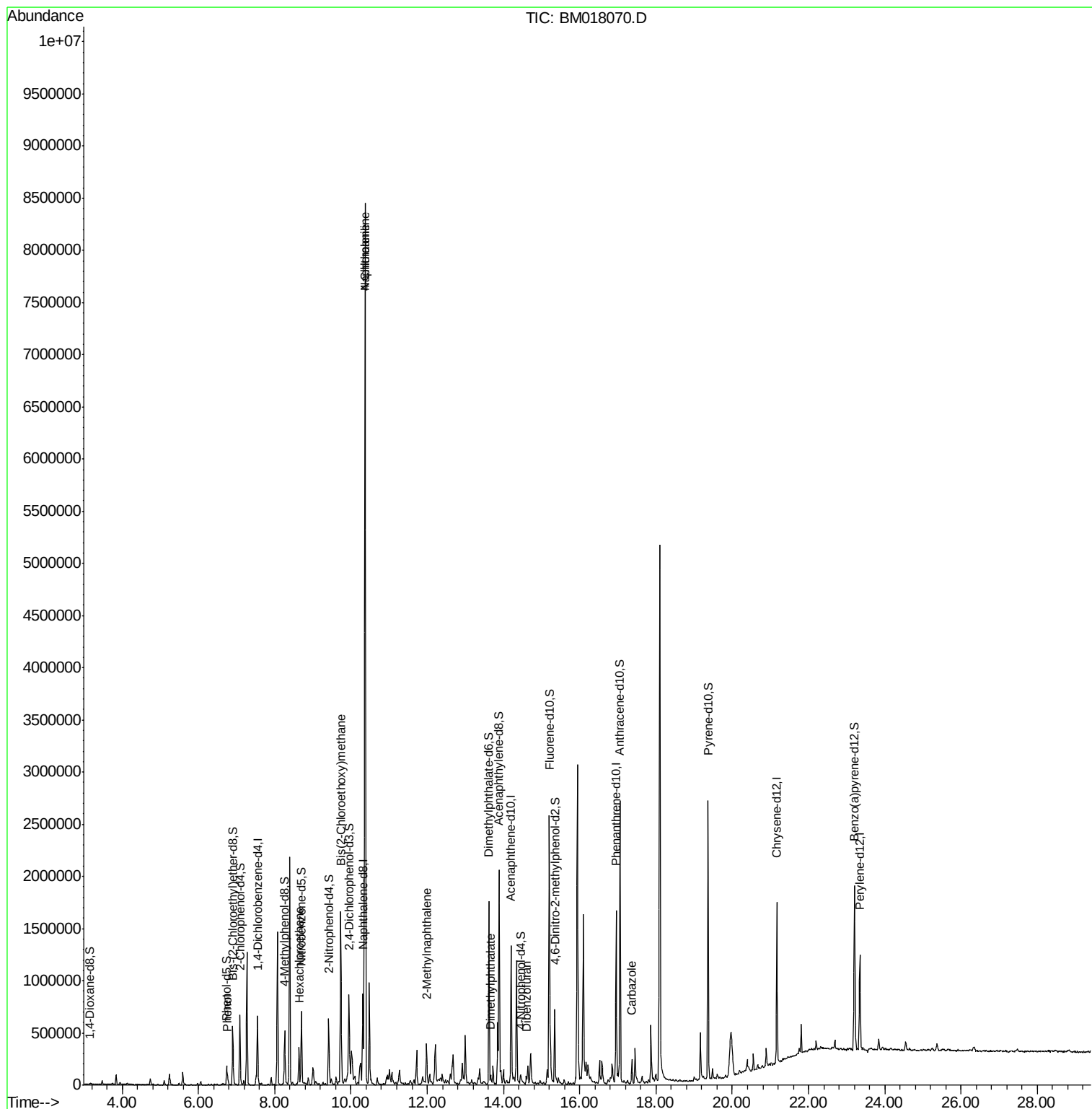
					Qvalue	
6) Phenol	6.77	94	30613	1.907	ng/ul	99
17) Hexachloroethane	8.65	117	5134	1.007	ng/ul#	8
25) Bis(2-Chloroethoxy)methane	9.73	93	73840	4.391	ng/ul#	1
28) Naphthalene	10.37	128	6984881	174.980	ng/ul	99
30) 4-Chloroaniline	10.37	127	910343	81.002	ng/ul#	1
34) 2-Methylnaphthalene	11.99	142	189415	6.356	ng/ul	93
44) Dimethylphthalate	13.67	163	55869	1.549	ng/ul	98
53) Dibenzofuran	14.60	168	46823	1.091	ng/ul	92
74) Carbazole	17.37	167	140689	3.018	ng/ul	99

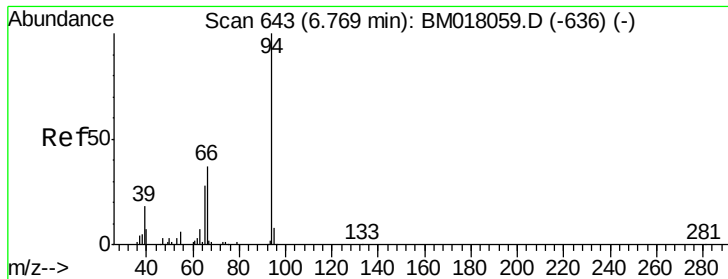
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.907 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM018070.D

Acq: 11 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

F9M05

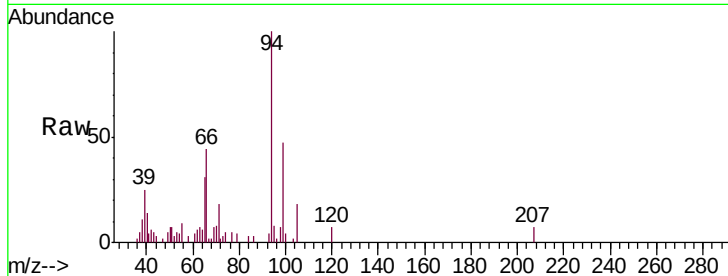
Tgt Ion: 94 Resp: 30613

Ion Ratio Lower Upper

94 100

65 30.7 24.7 37.1

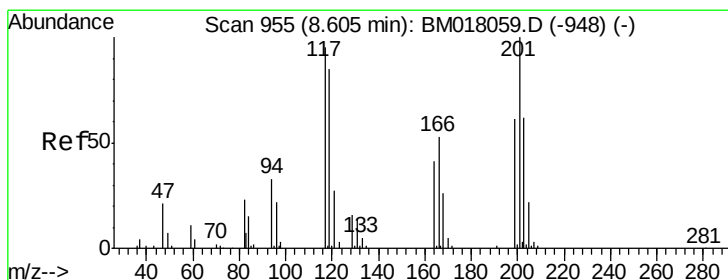
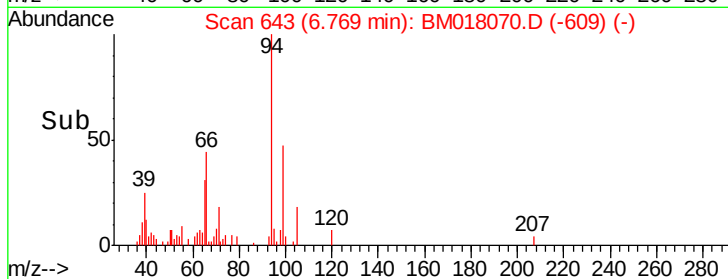
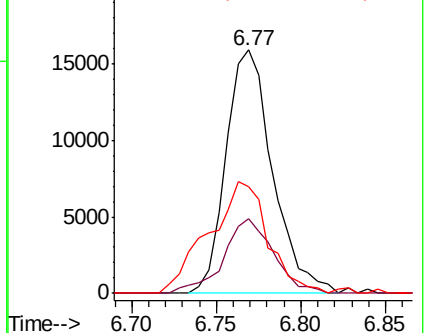
66 44.0 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018059.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018059.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018059.D (-636) (-)



#17

Hexachloroethane

Concen: 1.007 ng/ul

RT: 8.65 min Scan# 962

Delta R.T. 0.04 min

Lab File: BM018070.D

Acq: 11 Dec 2018 22:48

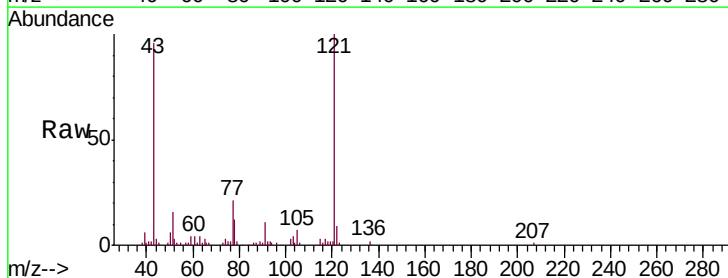
Tgt Ion: 117 Resp: 5134

Ion Ratio Lower Upper

117 100

201 0.0 78.2 117.2#

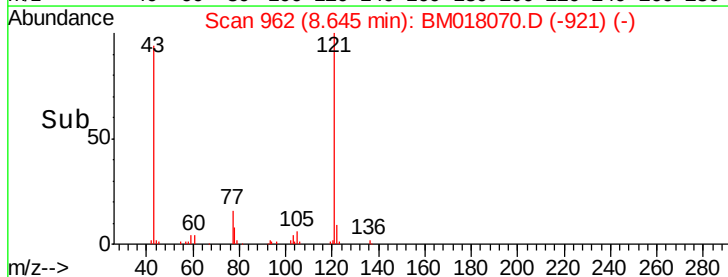
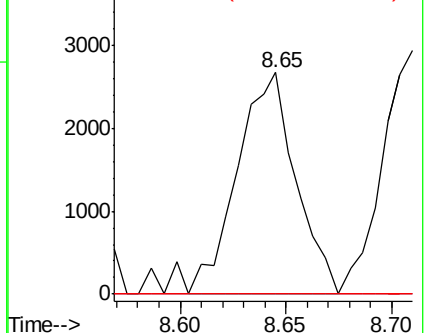
199 0.0 49.5 74.3#

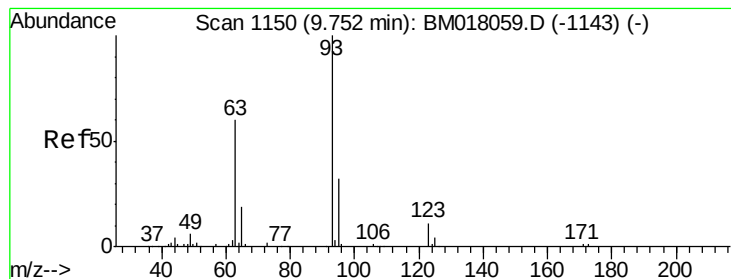


Abundance Ion 117.00 (116.70 to 117.70): BM018059.D (-948) (-)

Ion 201.00 (200.70 to 201.70): BM018059.D (-948) (-)

Ion 199.00 (198.70 to 199.70): BM018059.D (-948) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 4.391 ng/ul

RT: 9.73 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BM018070.D

Acq: 11 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

F9M05

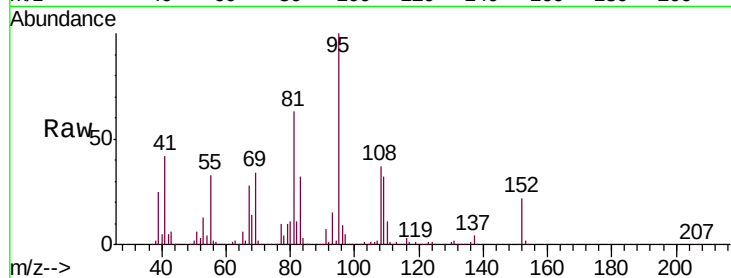
Tgt Ion: 93 Resp: 73840

Ion Ratio Lower Upper

93 100

95 679.2 26.0 39.0#

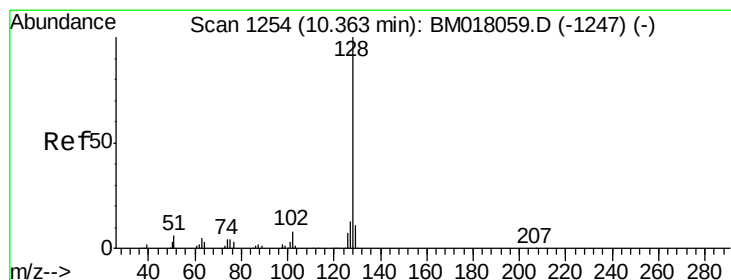
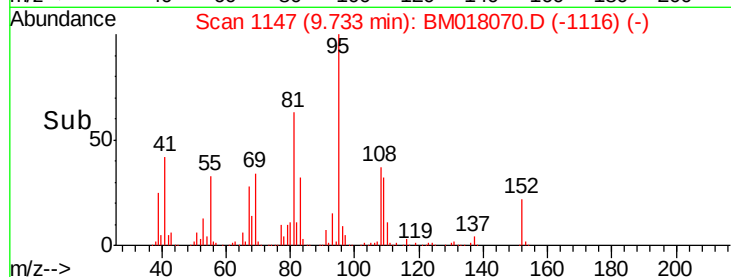
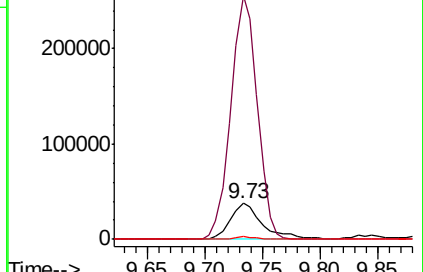
123 8.0 9.0 13.4#



Abundance Ion 93.00 (92.70 to 93.70): BM018059.D (-1143) (-)

Ion 95.00 (94.70 to 95.70): BM018059.D (-1143) (-)

Ion 123.00 (122.70 to 123.70): BM018059.D (-1143) (-)



#28

Naphthalene

Concen: 174.980 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018070.D

Acq: 11 Dec 2018 22:48

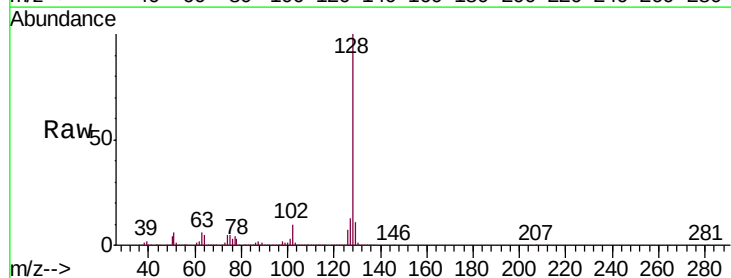
Tgt Ion:128 Resp: 6984881

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

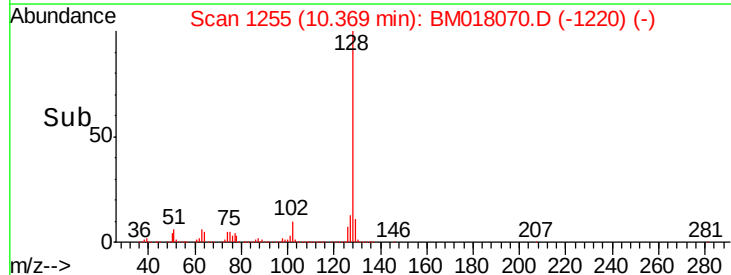
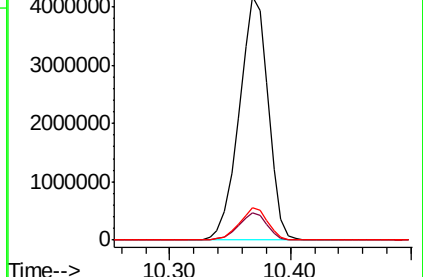
127 13.1 10.8 16.2

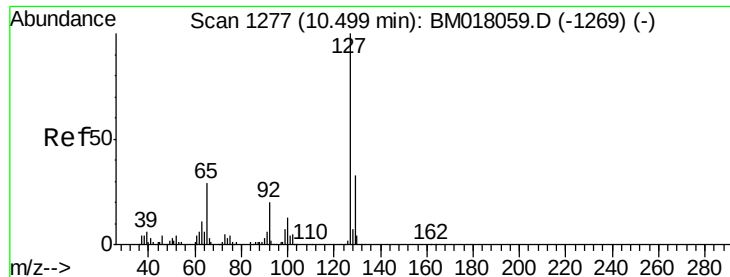


Abundance Ion 128.00 (127.70 to 128.70): BM018059.D (-1247) (-)

Ion 129.00 (128.70 to 129.70): BM018059.D (-1247) (-)

Ion 127.00 (126.70 to 127.70): BM018059.D (-1247) (-)

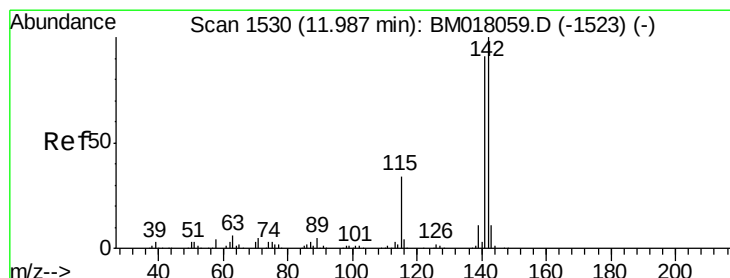
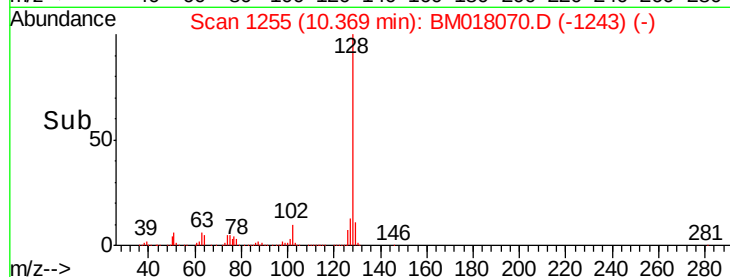
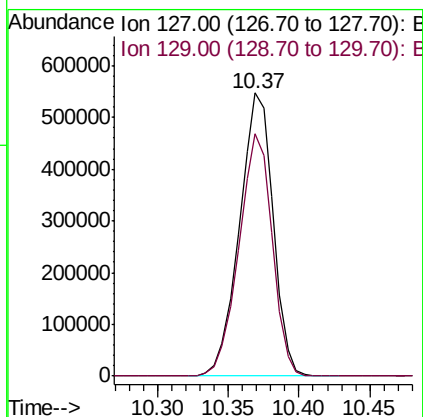
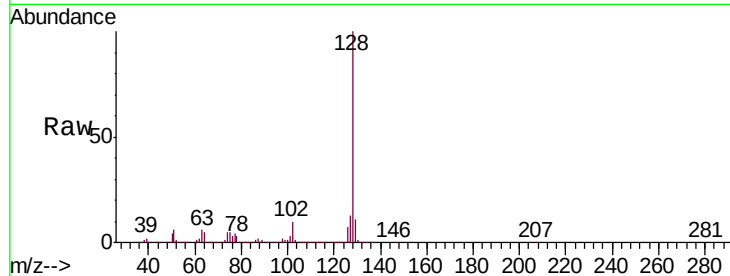




#30
4-Chloroaniline
Concen: 81.002 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.13 min
Lab File: BM018070.D
Acq: 11 Dec 2018 22:48

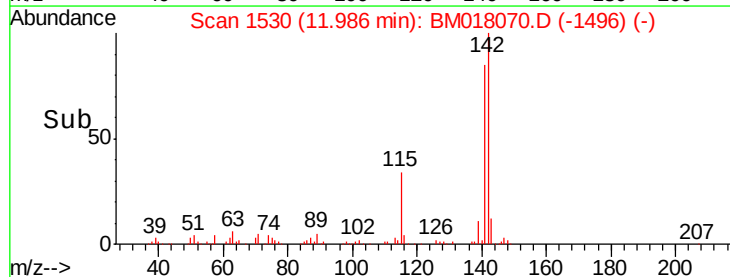
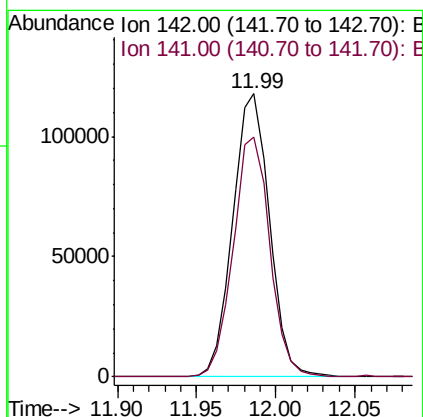
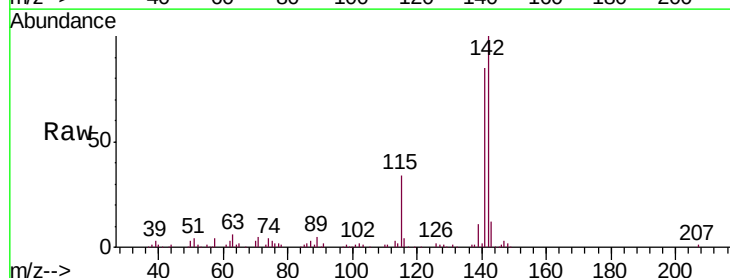
Instrument :
BNA_M
ClientSampleId :
F9M05

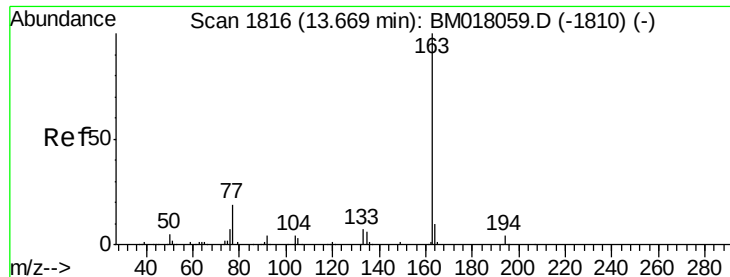
Tgt Ion:127 Resp: 910343
Ion Ratio Lower Upper
127 100
129 85.7 24.6 37.0#



#34
2-Methylnaphthalene
Concen: 6.356 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BM018070.D
Acq: 11 Dec 2018 22:48

Tgt Ion:142 Resp: 189415
Ion Ratio Lower Upper
142 100
141 84.5 72.6 108.8





#44

Dimethylphthalate

Concen: 1.549 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM018070.D

Acq: 11 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

F9M05

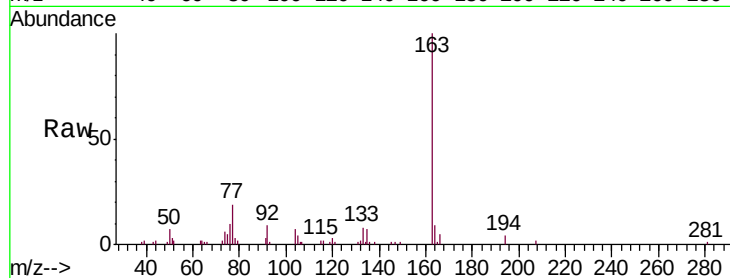
Tgt Ion:163 Resp: 55869

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

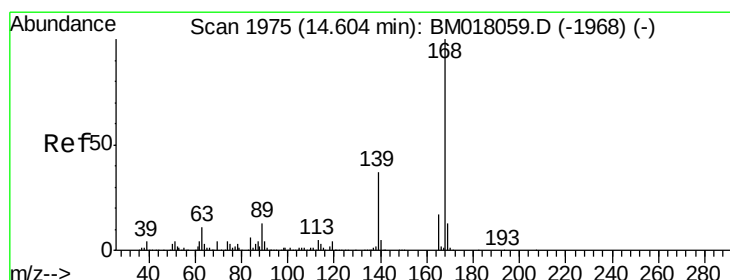
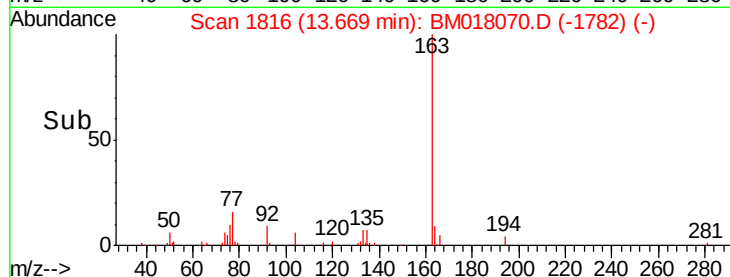
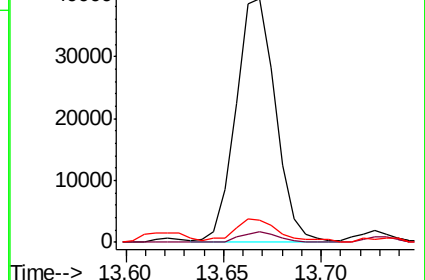
164 9.1 8.1 12.1



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



#53

Dibenzofuran

Concen: 1.091 ng/ul

RT: 14.60 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BM018070.D

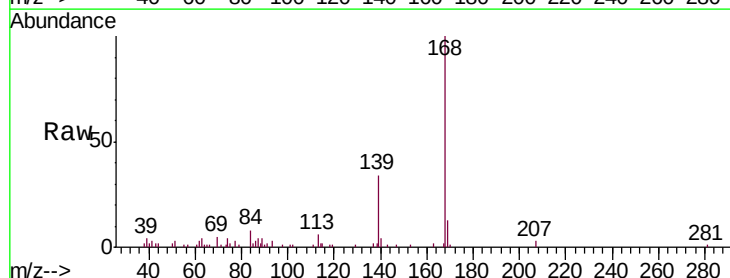
Acq: 11 Dec 2018 22:48

Tgt Ion:168 Resp: 46823

Ion Ratio Lower Upper

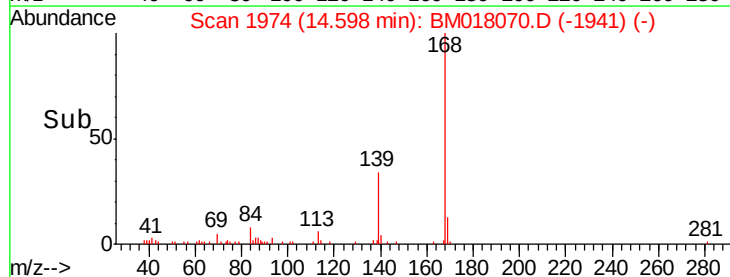
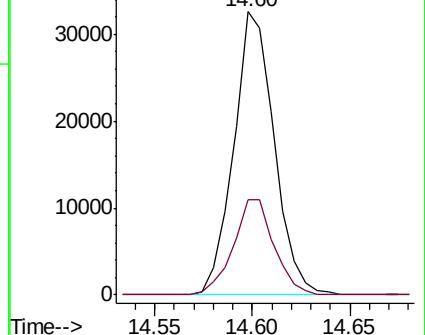
168 100

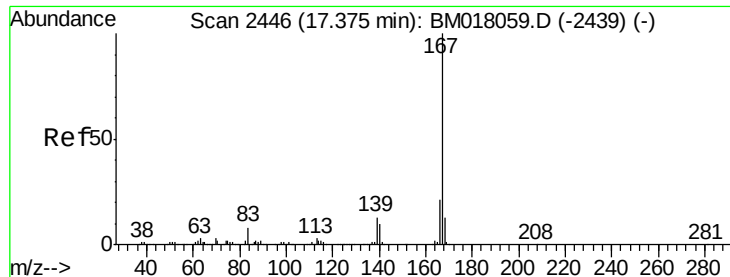
139 33.6 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Carbazole

Concen: 3.018 ng/ul

RT: 17.37 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM018070.D

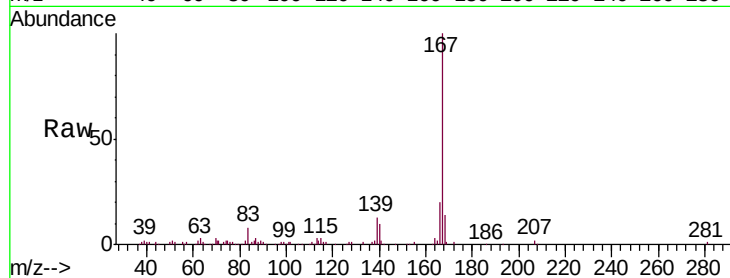
Acq: 11 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

F9M05



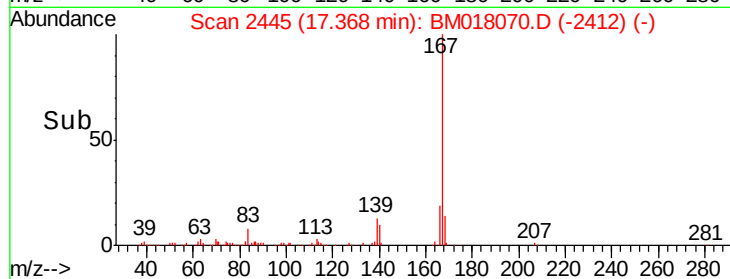
Tgt Ion:167 Resp: 140689

Ion Ratio Lower Upper

167 100

166 20.2 17.0 25.4

139 13.0 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

