

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017994.D
 Acq On : 07 Dec 2018 10:14
 Operator : JU/SJ
 Sample : J6170-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9J04

Quant Time: Dec 07 12:16:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 07 08:24:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	134637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	535992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	282676	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	604398	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	660107	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	710763	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	4977	1.69	ng/uL	0.00
5) Phenol-d5	6.75	99	75852	6.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	201212	27.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	243151	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	141067	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	133942	32.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	149981	31.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	227824	25.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	9752	1.27	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	785710	32.03	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	991228	33.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	5385	1.21	ng/ul	0.05
57) Fluorene-d10	15.21	176	707885	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	117536	27.20	ng/ul	0.00
70) Anthracene-d10	17.06	188	1107075	36.79	ng/ul	0.00
78) Pyrene-d10	19.37	212	1222617	38.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1455328	37.75	ng/ul	0.00

Target Compounds

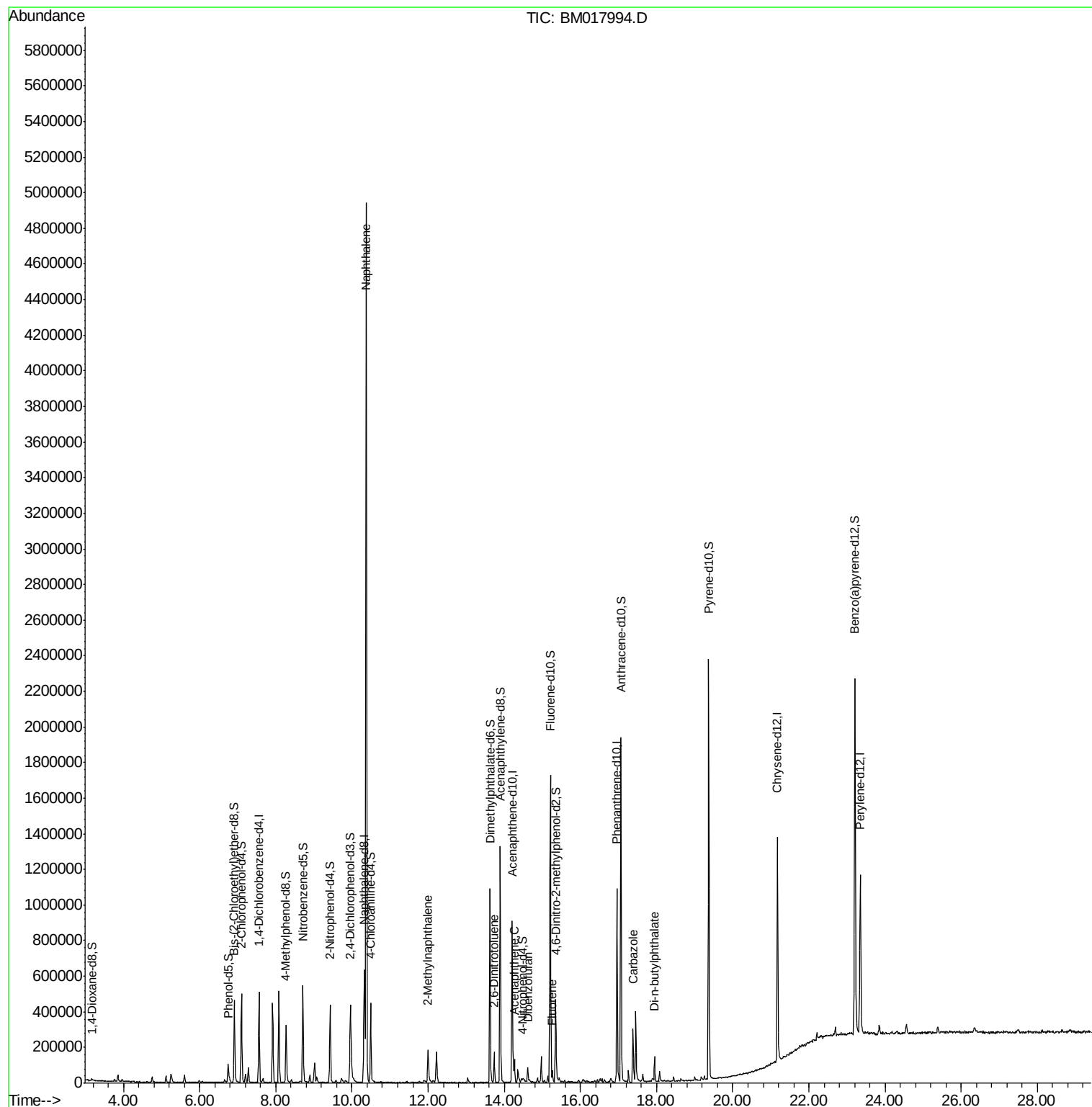
					Ovalue	
28) Naphthalene	10.37	128	3983765	142.653	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	106855	5.126	ng/ul	94
45) 2,6-Dinitrotoluene	13.73	165	25606	5.484	ng/ul#	38
49) Acenaphthene	14.27	153	50352	2.520	ng/ul	99
53) Dibenzofuran	14.62	168	55899	1.977	ng/ul	98
58) Fluorene	15.26	166	25353	1.075	ng/ul	90
74) Carbazole	17.38	167	231707	7.439	ng/ul	98
75) Di-n-butylphthalate	17.94	149	107142	2.722	ng/ul	99

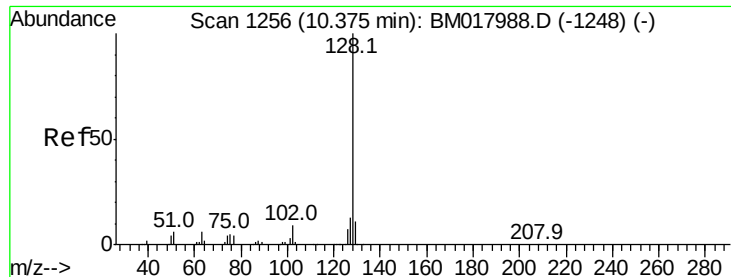
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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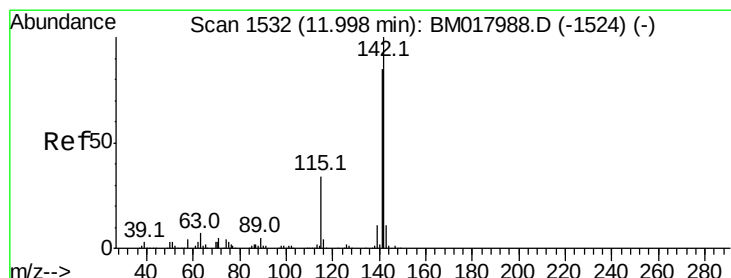
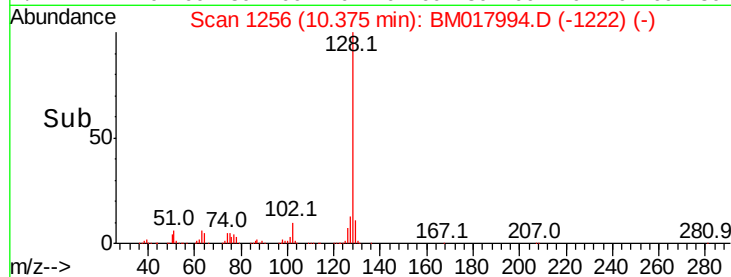
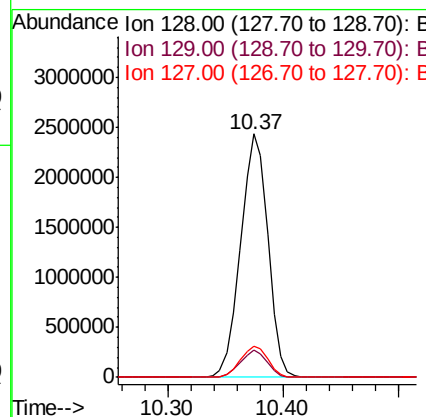
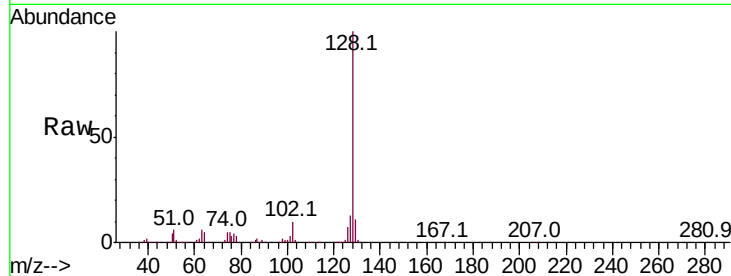




#28
Naphthalene
Concen: 142.653 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM017994.D
Acq: 07 Dec 2018 10:14

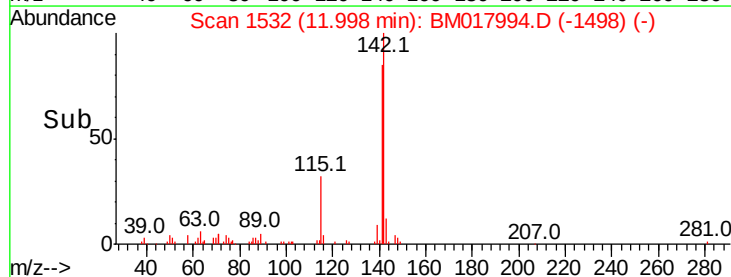
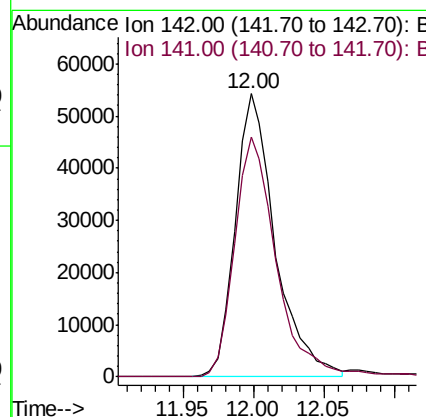
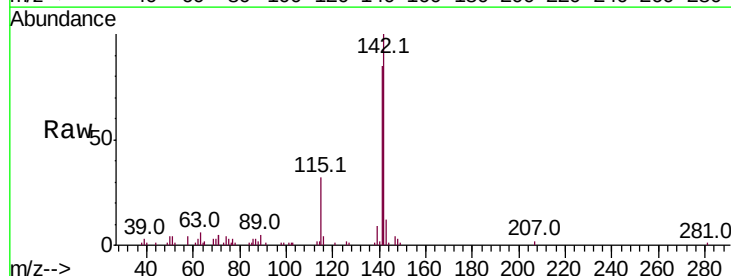
Instrument :
BNA_M
ClientSampleId :
F9J04

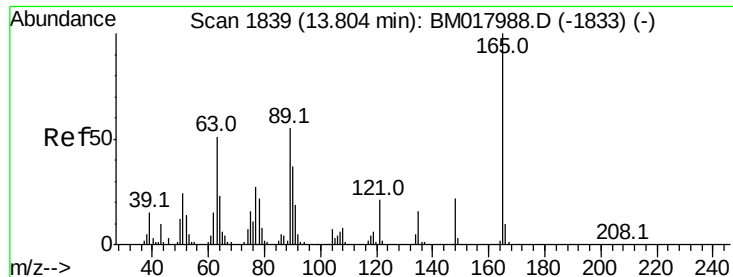
Tot Ion:128 Resp: 3983765
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.8 16.2



#34
2-Methylnaphthalene
Concen: 5.126 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM017994.D
Acq: 07 Dec 2018 10:14

Tgt Ion:142 Resp: 106855
Ion Ratio Lower Upper
142 100
141 84.7 72.6 108.8

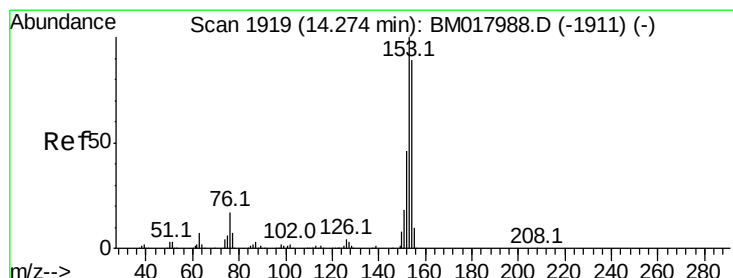
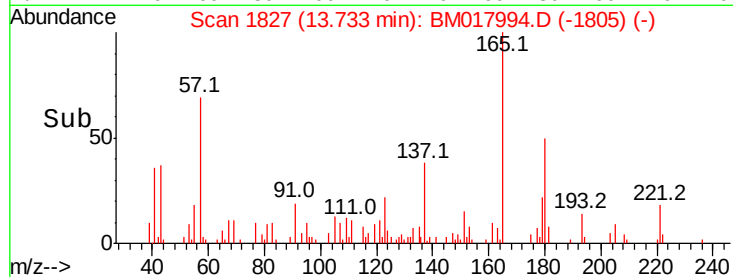
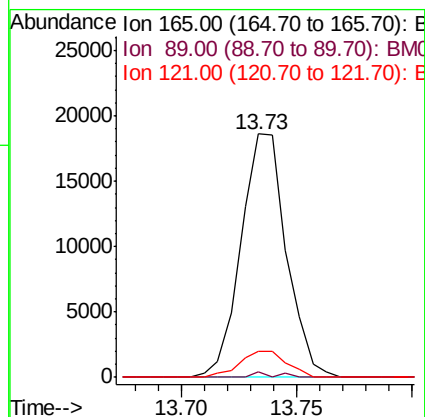
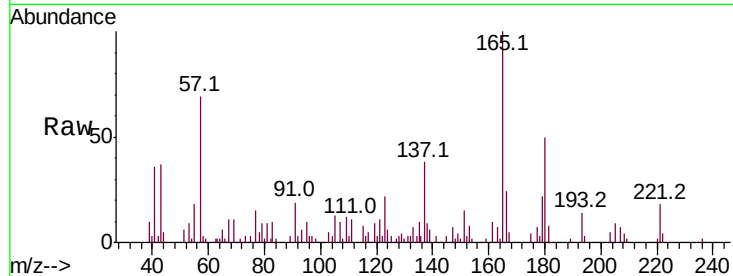




#45
 2,6-Dinitrotoluene
 Concen: 5.484 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: BM017994.D
 Acq: 07 Dec 2018 10:14

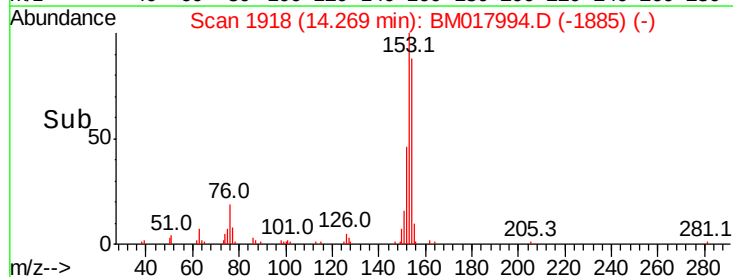
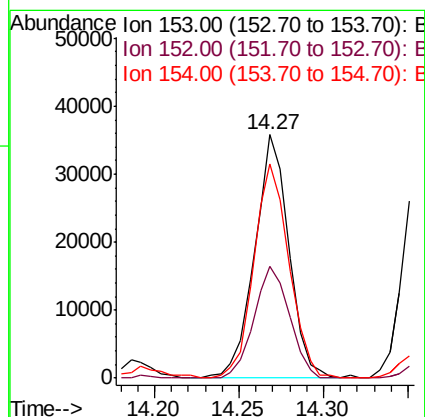
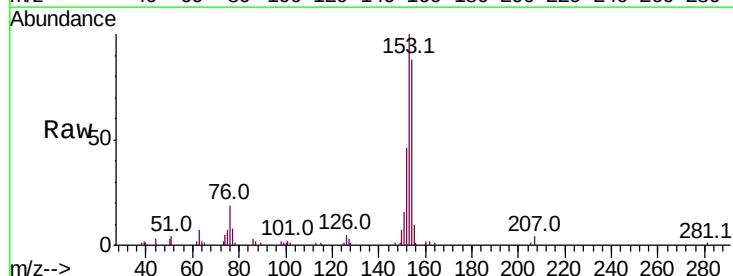
Instrument :
 BNA_M
 ClientSampled :
 F9J04

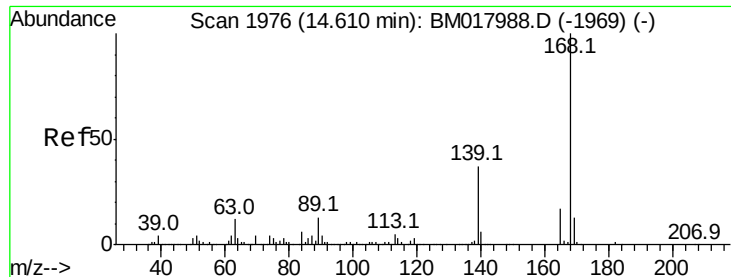
Tot Ion	Ratio	Lower	Upper
165	100		
89	2.5	48.0	72.0#
121	10.8	17.0	25.6#



#49
 Acenaphthene
 Concen: 2.520 ng/ul
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BM017994.D
 Acq: 07 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.0	55.6
154	88.0	70.6	106.0





#53

Dibenzofuran

Concen: 1.977 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.01 min

Lab File: BM017994.D

Acq: 07 Dec 2018 10:14

Instrument :

BNA_M

ClientSampleId :

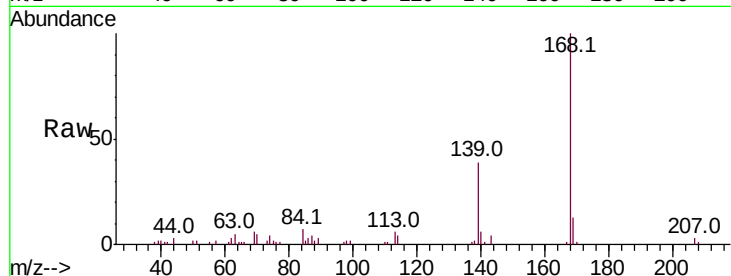
F9J04

Tot Ion:168 Resp: 55899

Ion Ratio Lower Upper

168 100

139 39.4 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.62

40000

30000

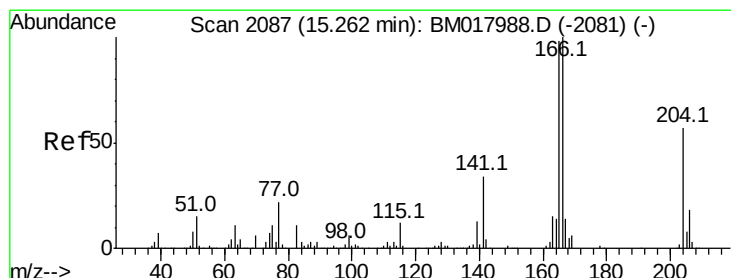
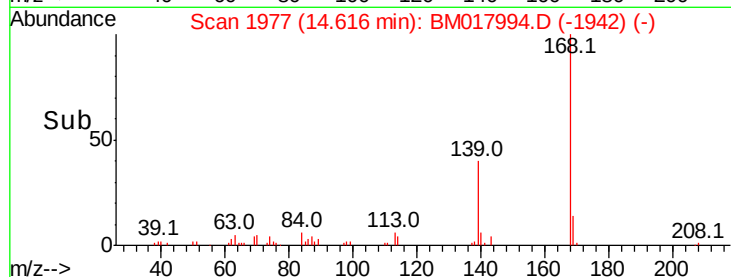
20000

10000

0

Time-->

14.55 14.60 14.65 14.70



#58

Fluorene

Concen: 1.075 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BM017994.D

Acq: 07 Dec 2018 10:14

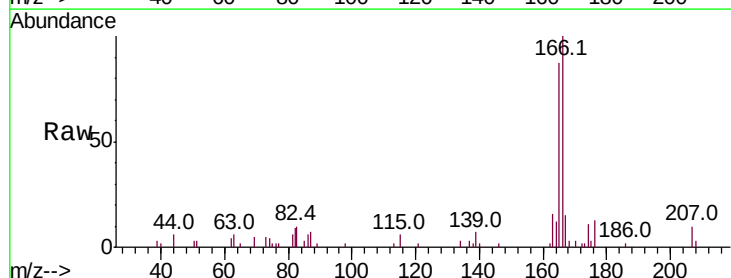
Tgt Ion:166 Resp: 25353

Ion Ratio Lower Upper

166 100

165 87.1 78.0 117.0

167 15.1 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

15.26

20000

15000

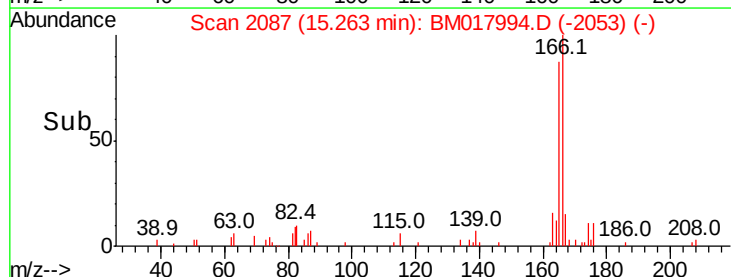
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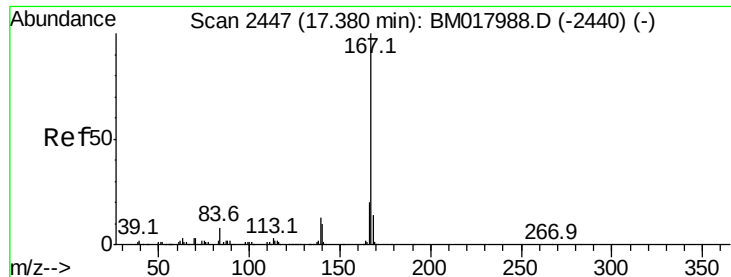
5000

0

Time-->

15.25 15.30

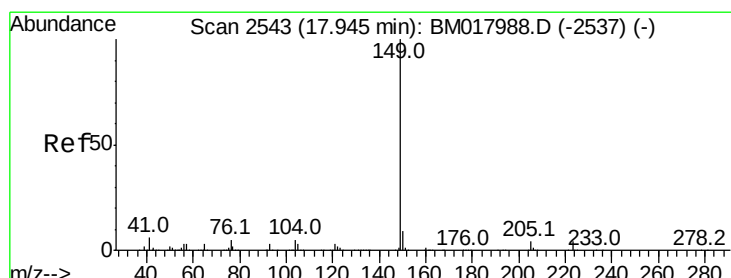
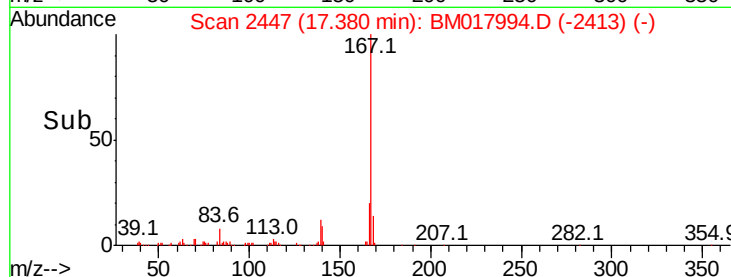
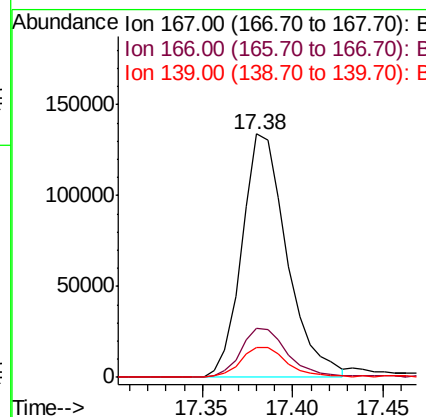
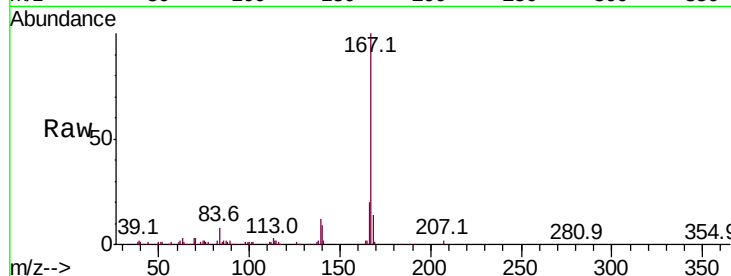




#74
 Carbazole
 Concen: 7.439 ng/ul
 RT: 17.38 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BM017994.D
 Acq: 07 Dec 2018 10:14

Instrument :
 BNA_M
 ClientSampleId :
 F9J04

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.0	25.4
139	12.1	10.5	15.7



#75
 Di-n-butylphthalate
 Concen: 2.722 ng/ul
 RT: 17.94 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM017994.D
 Acq: 07 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	5.7	4.2	6.4

