

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071119\
 Data File : BM021434.D
 Acq On : 11 Jul 2019 18:56
 Operator : HP/JU
 Sample : K3717-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4A0

Quant Time: Jul 12 04:55:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 08 17:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	164270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	637825	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	370815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	862891	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	892158	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1034796	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	5388	1.62	ng/uL	0.00
5) Phenol-d5	6.91	99	110231	8.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	218496	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	289511	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	197166	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	178833	34.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	188440	31.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	352626	29.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	23917	2.23	ng/ul	-0.01
43) Dimethylphthalate-d6	13.79	166	1089553	33.55	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1257579	30.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	34748	6.75	ng/ul	0.00
57) Fluorene-d10	15.37	176	967286	33.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	154359	26.61	ng/ul	0.00
70) Anthracene-d10	17.23	188	1496662	33.39	ng/ul	0.00
78) Pyrene-d10	19.52	212	1701037	34.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	2002508	33.65	ng/ul	0.00

Target Compounds

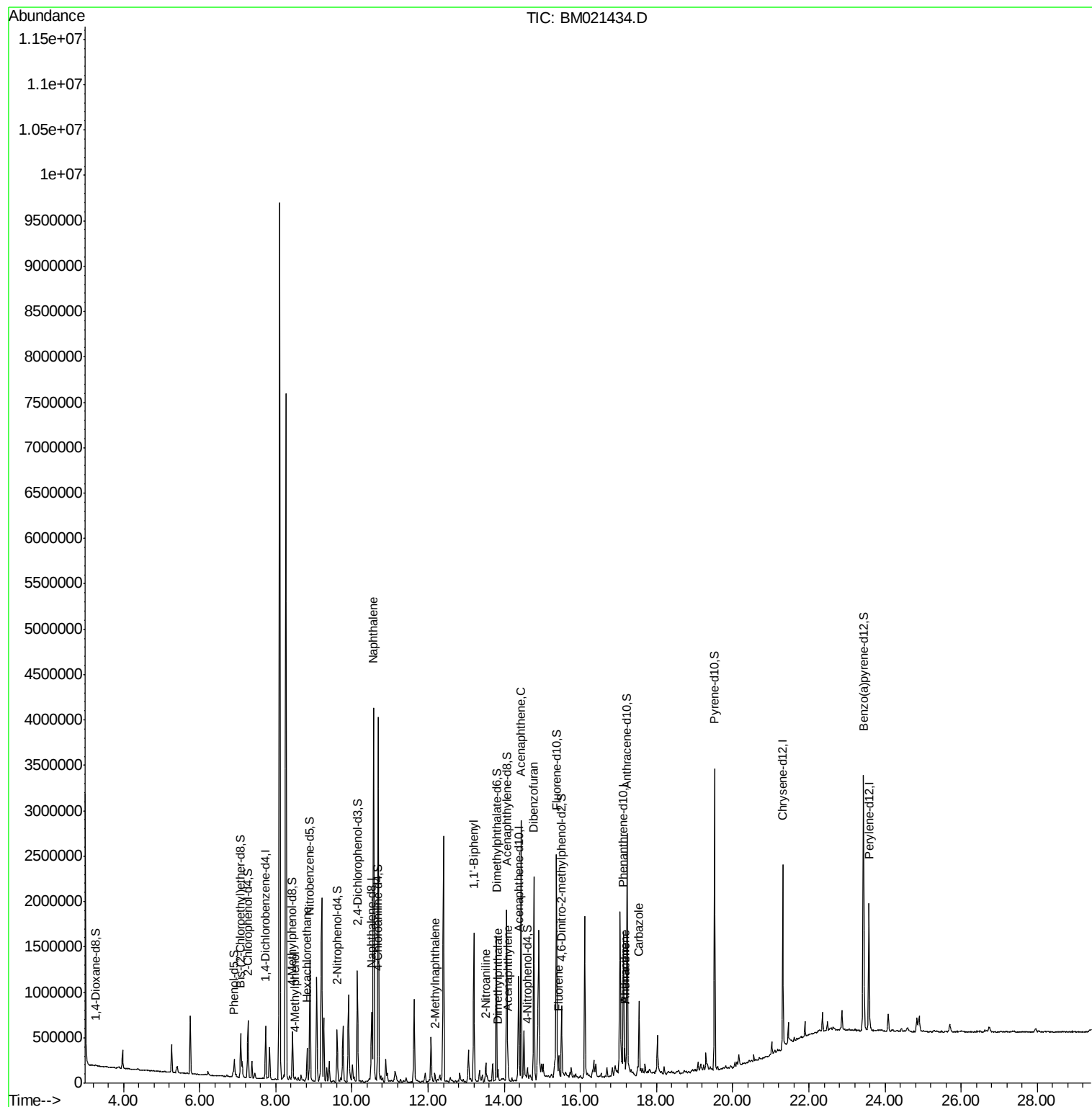
					Qvalue	
16) 4-Methylphenol	8.51	108	11930	1.208	ng/ul	98
17) Hexachloroethane	8.82	117	64815	14.029	ng/ul#	1
28) Naphthalene	10.57	128	3327034	100.230	ng/ul	100
34) 2-Methylnaphthalene	12.18	142	44043	1.800	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	837759	26.993	ng/ul	99
42) 2-Nitroaniline	13.52	65	6791	1.250	ng/ul#	19
44) Dimethylphthalate	13.84	163	90063	2.978	ng/ul	100
47) Acenaphthylene	14.10	152	107834	3.040	ng/ul	99
49) Acenaphthene	14.44	153	1169970	45.386	ng/ul	99
53) Dibenzofuran	14.77	168	1500779	40.190	ng/ul	99
58) Fluorene	15.43	166	89981	2.978	ng/ul#	98
69) Phenanthrene	17.17	178	143862	2.957	ng/ul	98
71) Anthracene	17.17	178	143192	2.892	ng/ul	98
74) Carbazole	17.54	167	482954	11.750	ng/ul	99

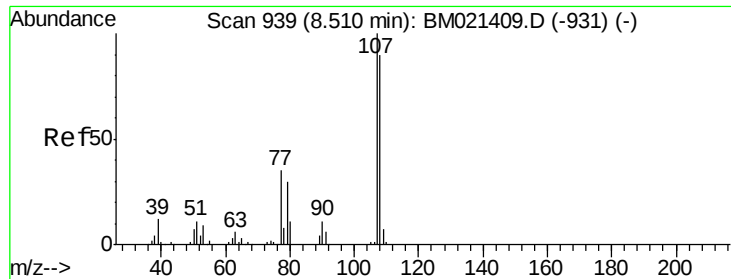
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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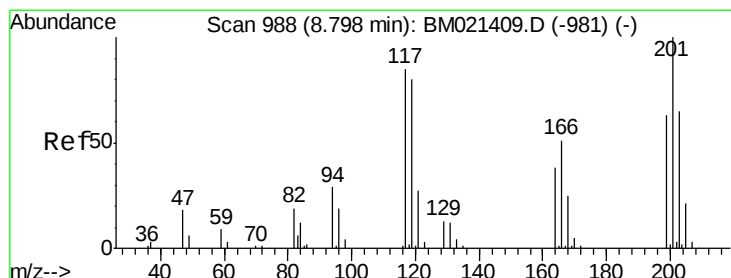
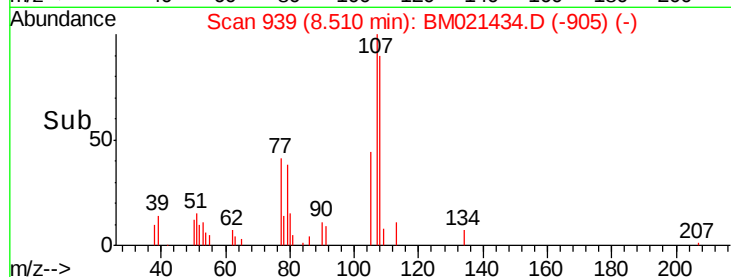
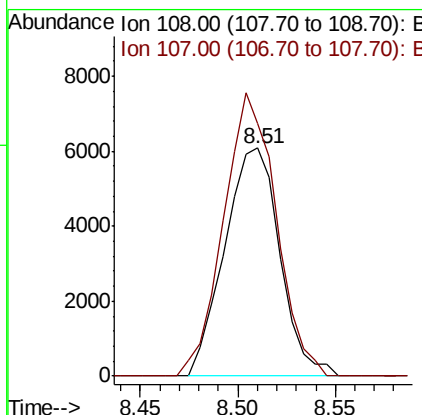
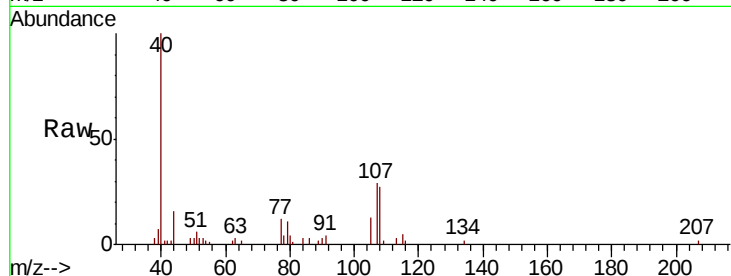




#16
4-Methylphenol
Concen: 1.208 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.00 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

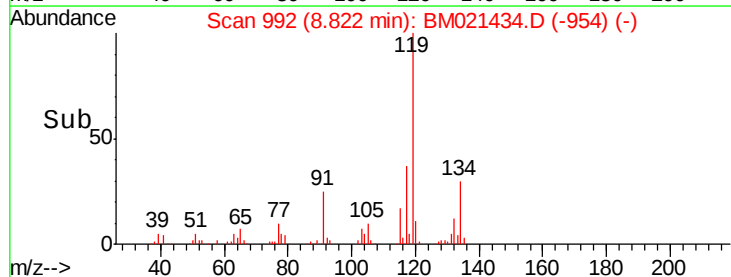
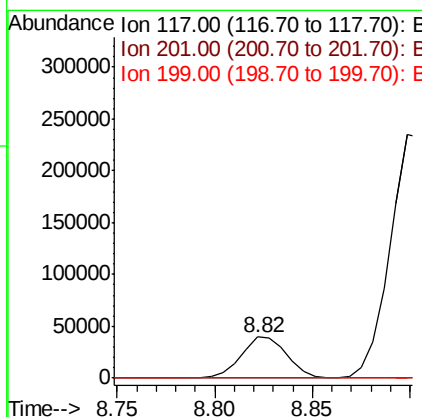
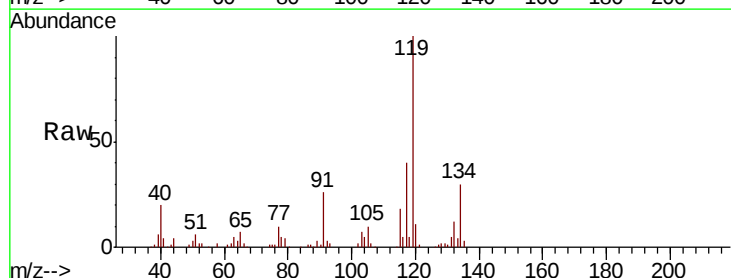
Instrument :
BNA_M
ClientSampleId :
BF4A0

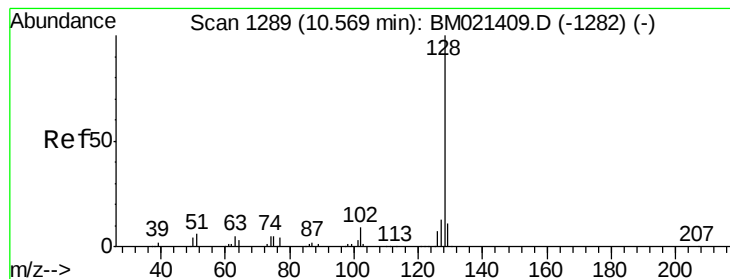
Tgt Ion:108 Resp: 11930
Ion Ratio Lower Upper
108 100
107 110.6 87.2 130.8



#17
Hexachloroethane
Concen: 14.029 ng/ul
RT: 8.82 min Scan# 992
Delta R.T. 0.02 min
Lab File: BM021434.D
Acq: 11 Jul 2019 18:56

Tgt Ion:117 Resp: 64815
Ion Ratio Lower Upper
117 100
201 0.0 99.7 149.5#
199 0.0 62.2 93.4#





#28

Naphthalene

Concen: 100.230 ng/ul

RT: 10.57 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

BNA_M

ClientSampleId :

BF4A0

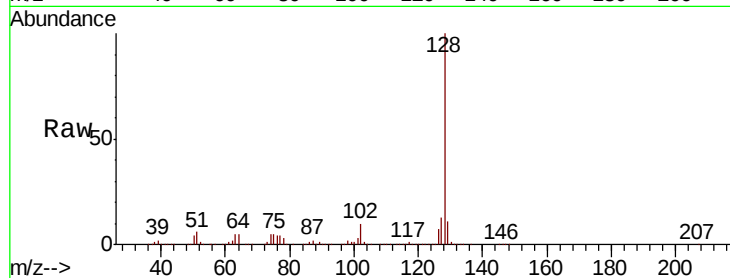
Tgt Ion:128 Resp: 3327034

Ion Ratio Lower Upper

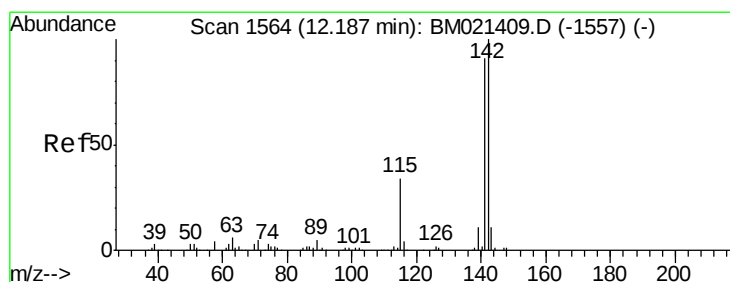
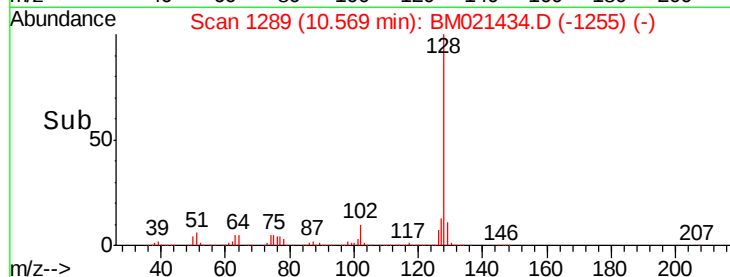
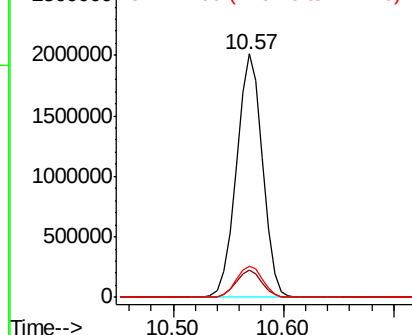
128 100

129 11.0 8.7 13.1

127 13.0 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



#34

2-Methylnaphthalene

Concen: 1.800 ng/ul

RT: 12.18 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BM021434.D

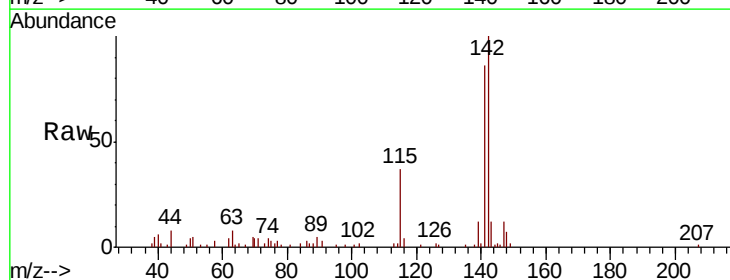
Acq: 11 Jul 2019 18:56

Tgt Ion:142 Resp: 44043

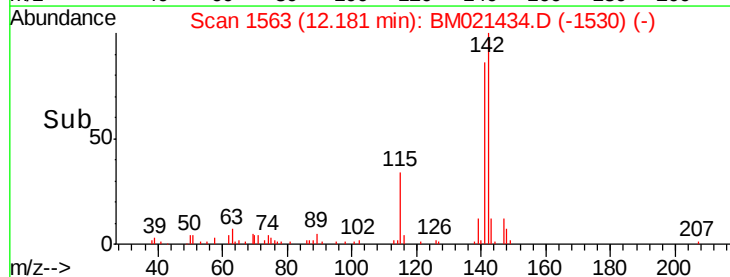
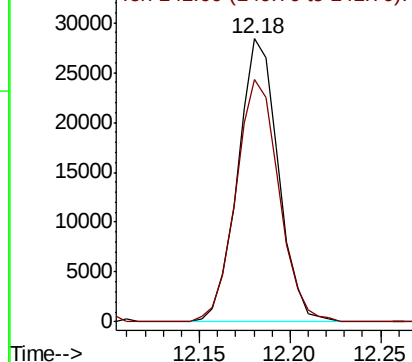
Ion Ratio Lower Upper

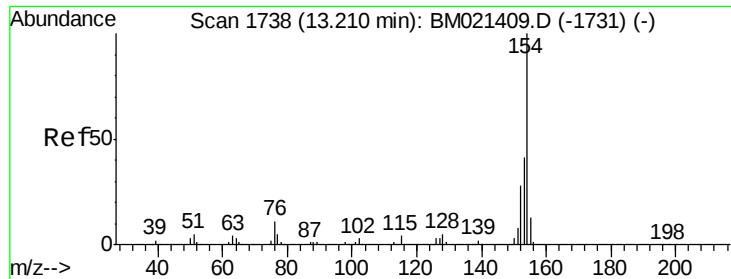
142 100

141 85.9 71.1 106.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

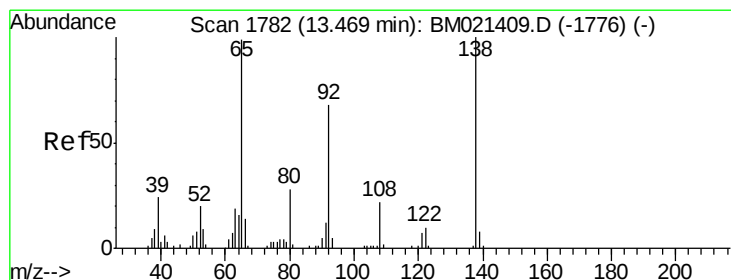
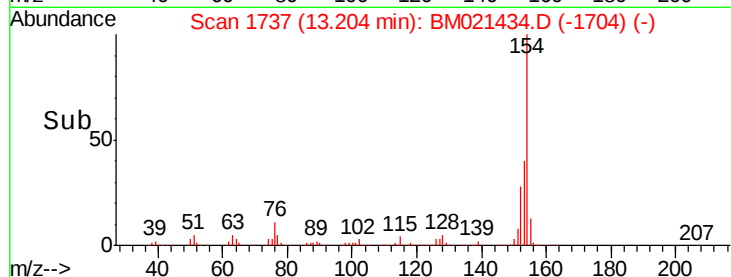
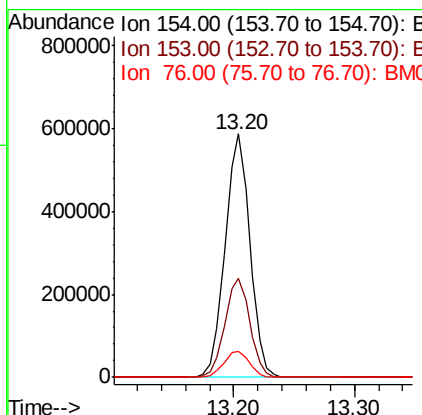
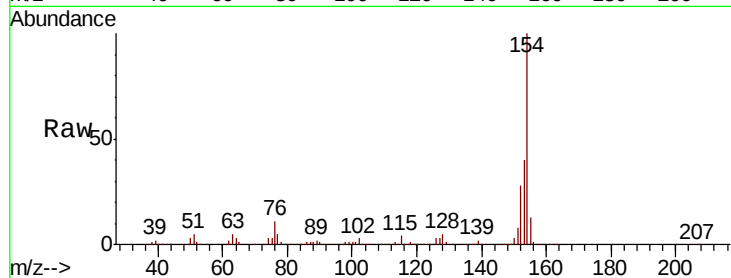




#40
 1,1'-Biphenyl
 Concen: 26.993 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM021434.D
 Acq: 11 Jul 2019 18:56

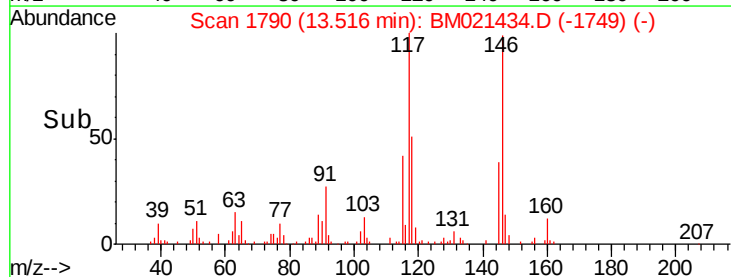
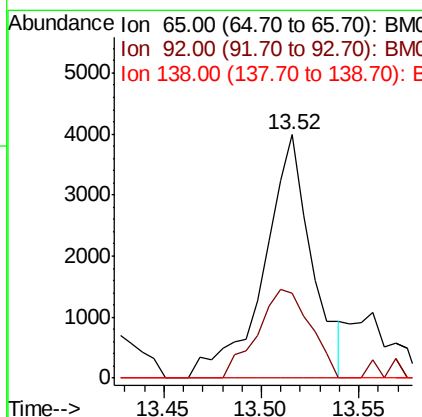
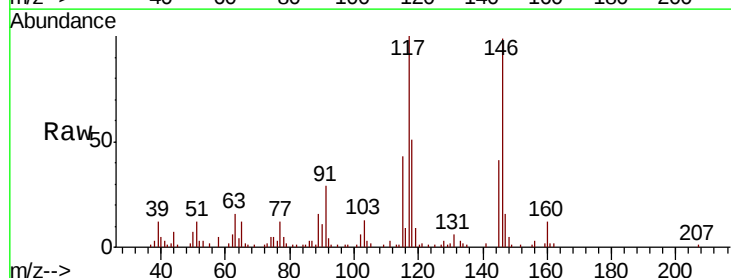
Instrument :
 BNA_M
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 BF4A0

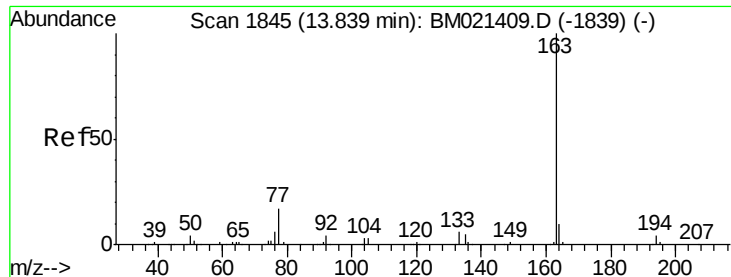
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.7	49.1
76	10.9	8.5	12.7



#42
 2-Nitroaniline
 Concen: 1.250 ng/ul
 RT: 13.52 min Scan# 1790
 Delta R.T. 0.04 min
 Lab File: BM021434.D
 Acq: 11 Jul 2019 18:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	34.7	57.4	86.2#
138	0.0	89.0	133.6#





#44

Dimethylphthalate

Concen: 2.978 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

BNA_M

ClientSampleId :

BF4A0

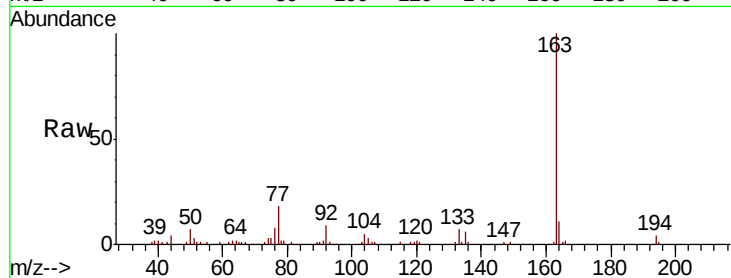
Tgt Ion:163 Resp: 90063

Ion Ratio Lower Upper

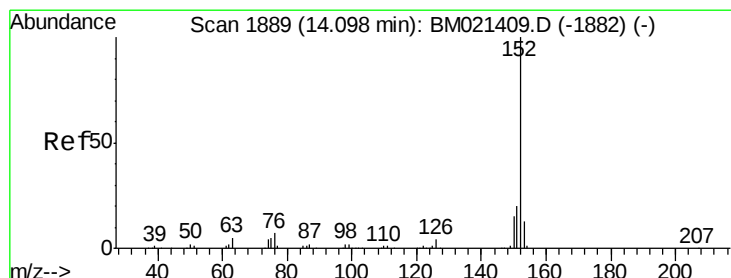
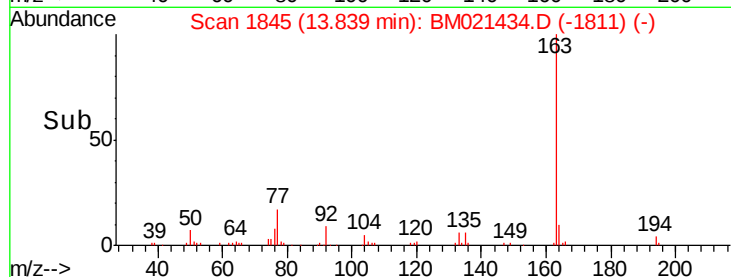
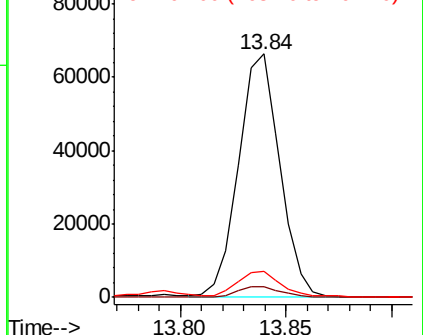
163 100

194 4.5 3.6 5.4

164 10.6 8.3 12.5



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



#47

Acenaphthylene

Concen: 3.040 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

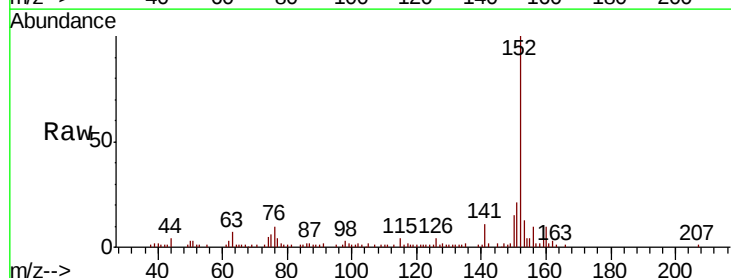
Tgt Ion:152 Resp: 107834

Ion Ratio Lower Upper

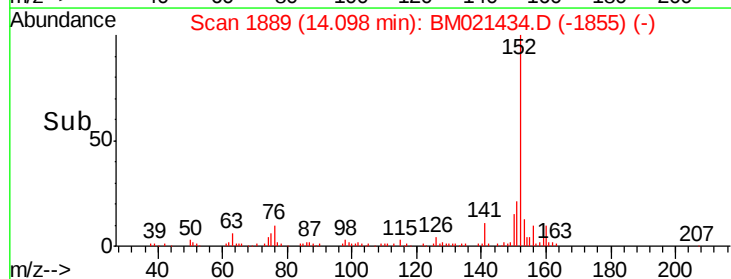
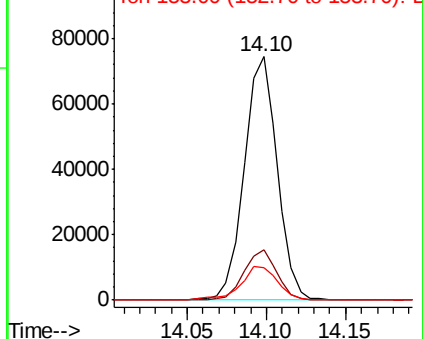
152 100

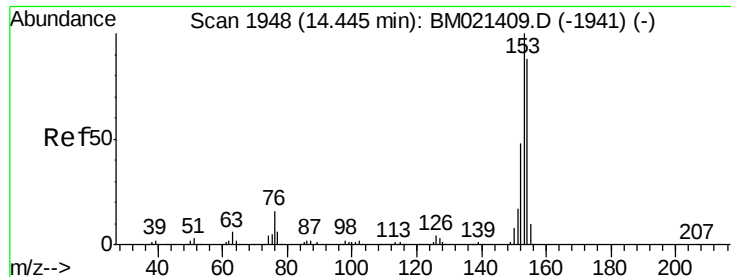
151 20.5 15.8 23.8

153 13.5 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 45.386 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

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ClientSampleId :

BF4A0

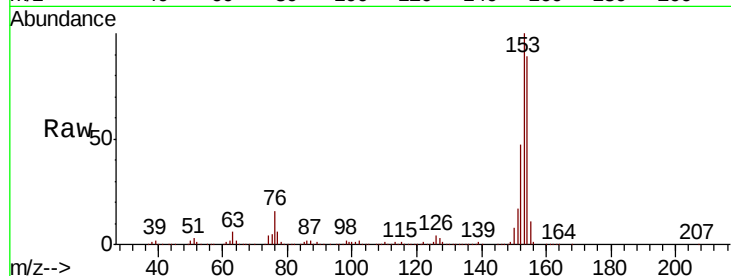
Tgt Ion:153 Resp: 1169970

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.4

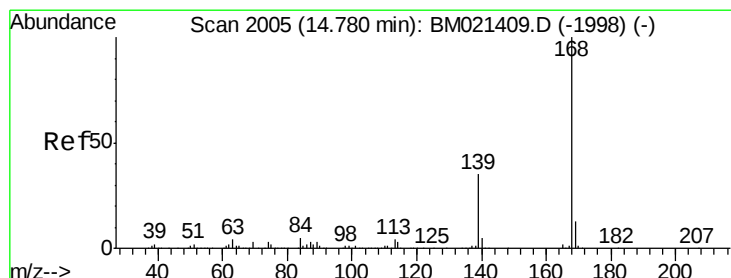
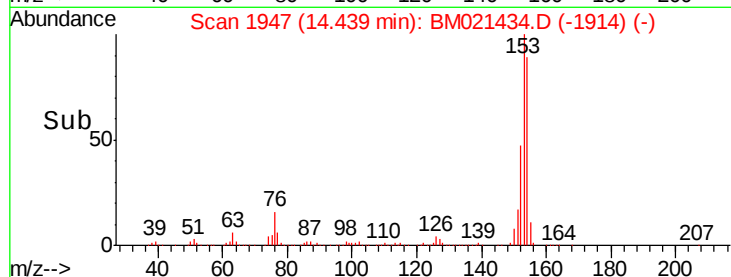
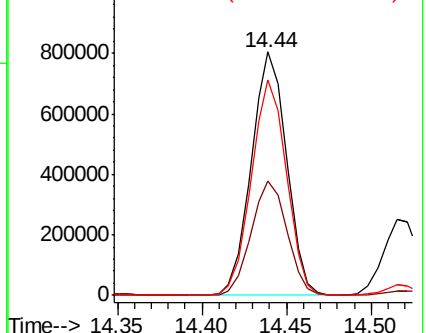
154 88.6 70.0 105.0



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



#53

Dibenzofuran

Concen: 40.190 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM021434.D

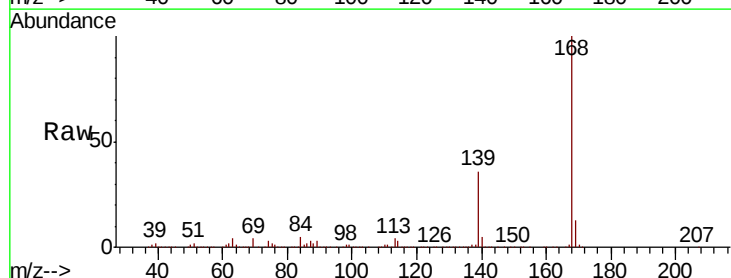
Acq: 11 Jul 2019 18:56

Tgt Ion:168 Resp: 1500779

Ion Ratio Lower Upper

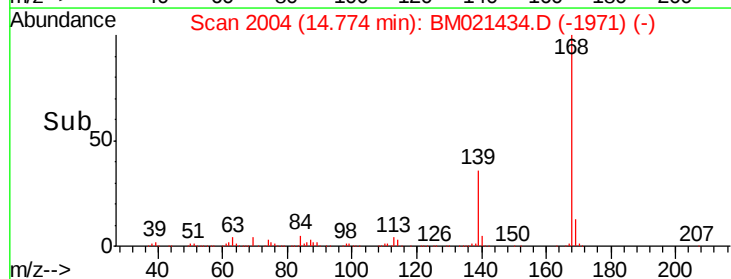
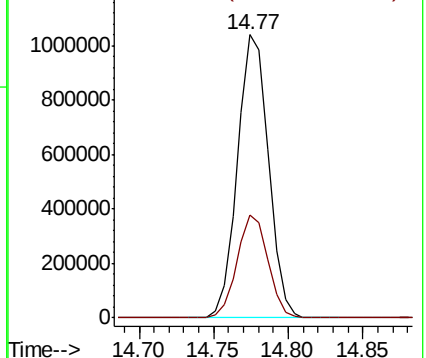
168 100

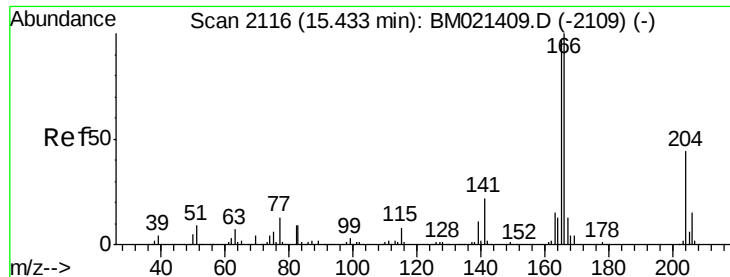
139 36.2 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.978 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

Instrument :

BNA_M

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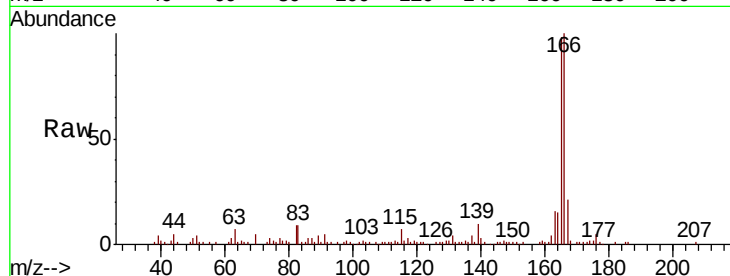
Tgt Ion:166 Resp: 89981

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

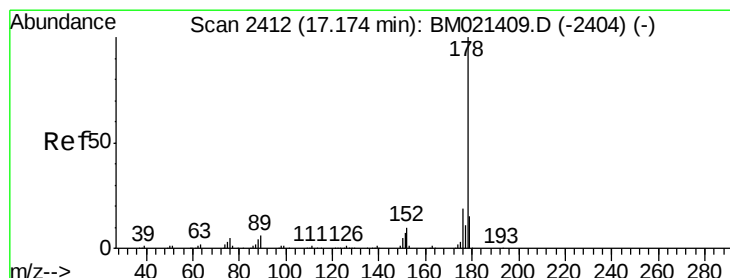
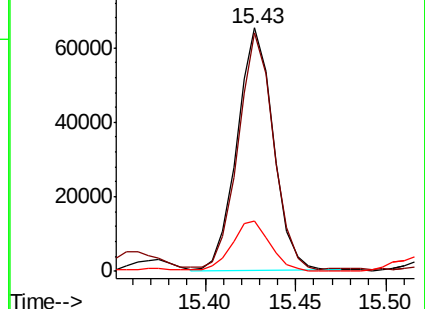
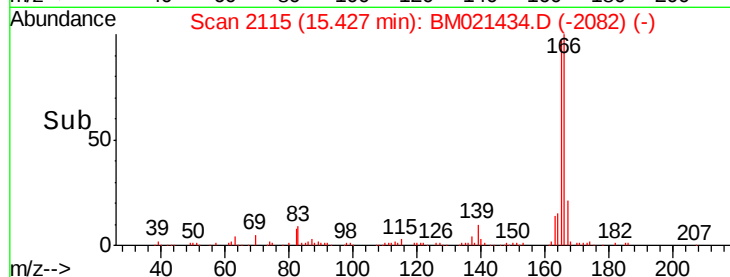
167 20.7 10.7 16.1#



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



#69

Phenanthrene

Concen: 2.957 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM021434.D

Acq: 11 Jul 2019 18:56

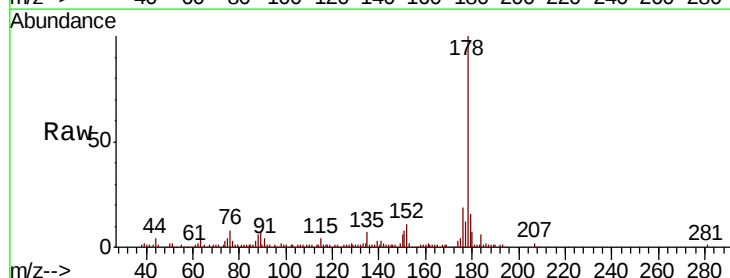
Tgt Ion:178 Resp: 143862

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.2

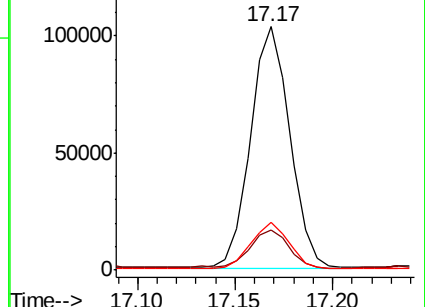
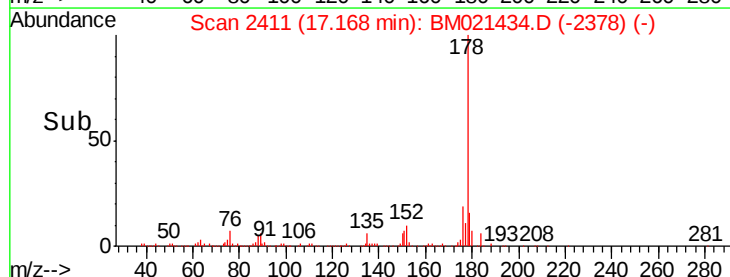
176 19.5 15.4 23.0

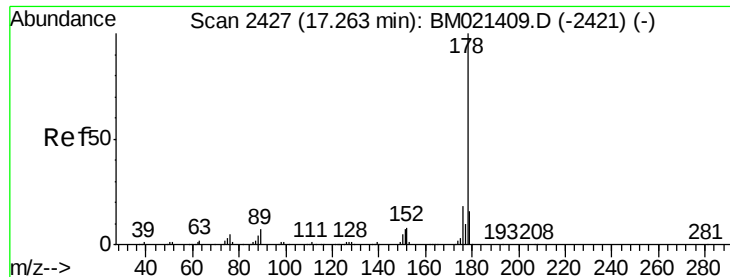


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

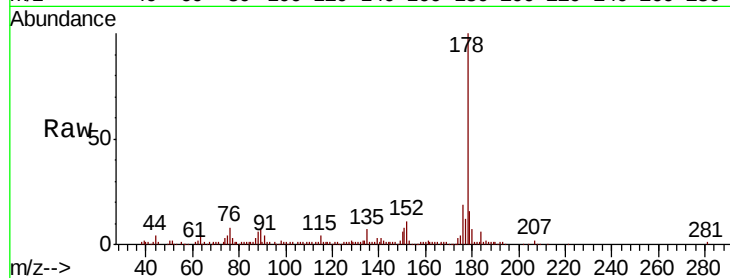




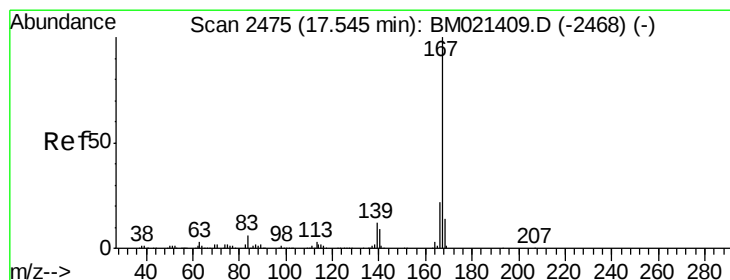
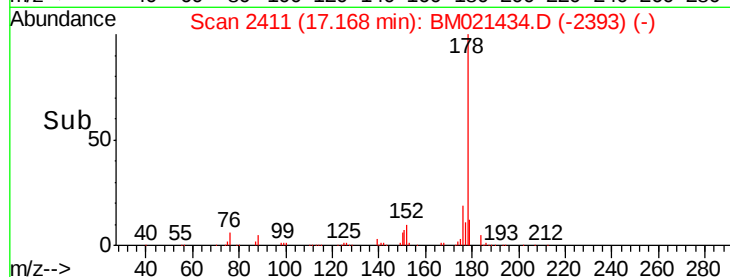
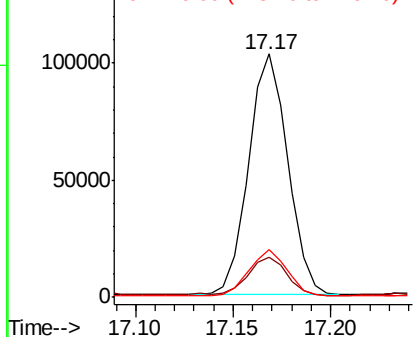
#71
 Anthracene
 Concen: 2.892 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.09 min
 Lab File: BM021434.D
 Acq: 11 Jul 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 BF4A0

Tgt Ion:178 Resp: 143192
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.2 18.2
 176 19.5 14.9 22.3

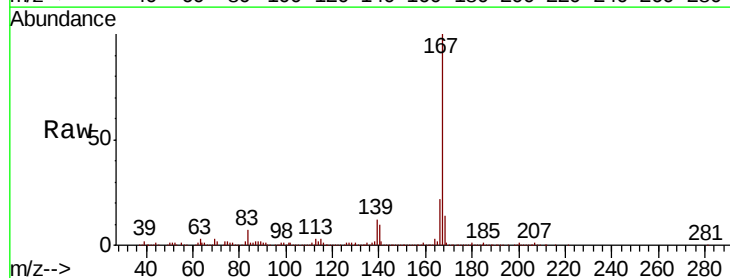


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



#74
 Carbazole
 Concen: 11.750 ng/ul
 RT: 17.54 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BM021434.D
 Acq: 11 Jul 2019 18:56

Tgt Ion:167 Resp: 482954
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.5 9.7 14.5



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

