

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021528.D
 Acq On : 18 Jul 2019 17:53
 Operator : HP/JU
 Sample : K3822-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Quant Time: Jul 19 00:43:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	168473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	657479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	379894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	861681	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	841751	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	980500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	5864	1.71	ng/uL	0.00
5) Phenol-d5	6.89	99	113988	8.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	228794	29.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	292031	25.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	197388	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	170022	31.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	190774	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	357405	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	34843	3.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1096821	32.97	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1265255	30.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	34328	6.51	ng/ul	0.00
57) Fluorene-d10	15.36	176	940914	31.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	138730	23.95	ng/ul	0.00
70) Anthracene-d10	17.21	188	1457588	32.57	ng/ul	0.00
78) Pyrene-d10	19.51	212	1631825	35.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	1840072	32.63	ng/ul	-0.01

Target Compounds

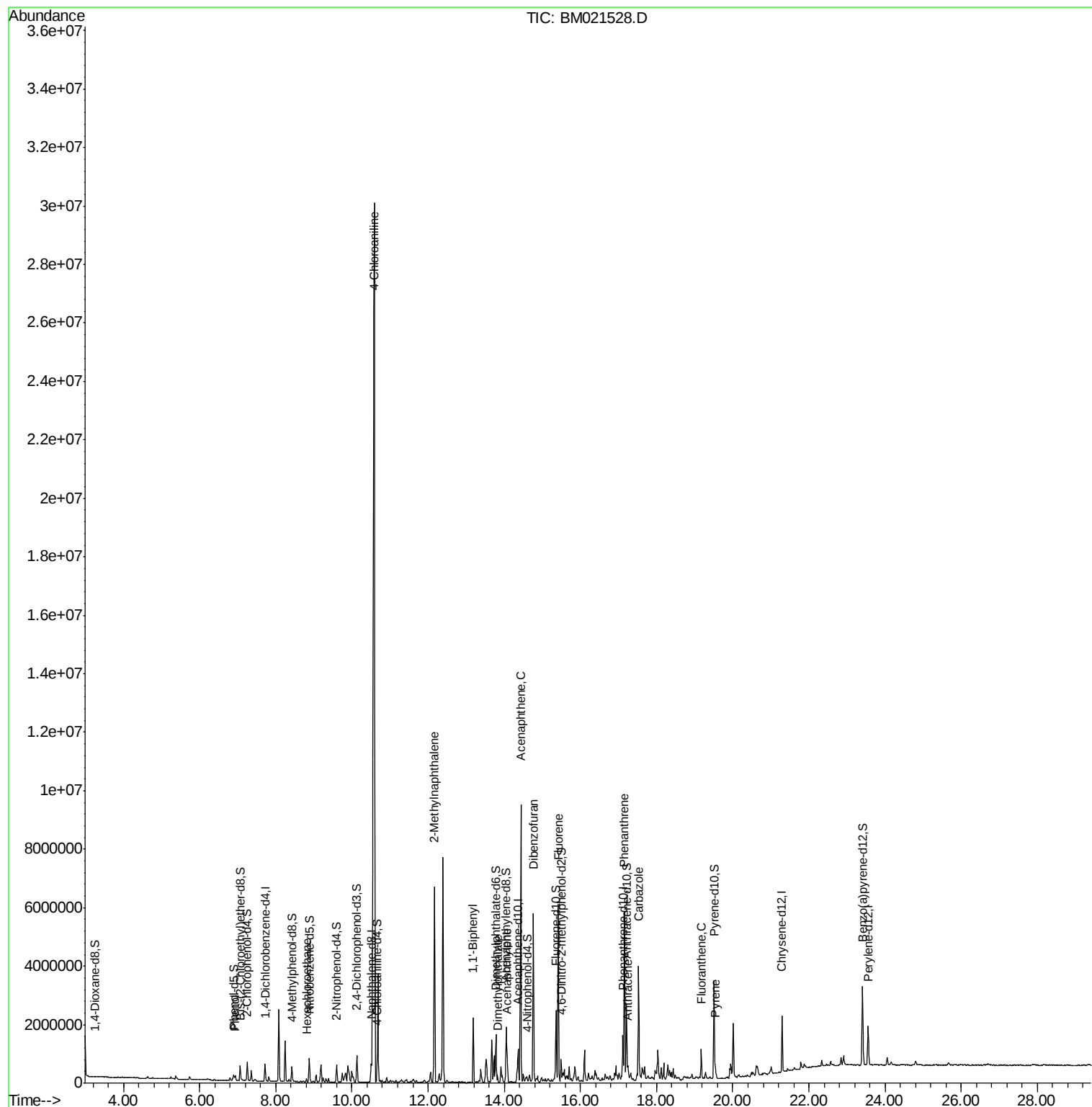
						Qvalue
6) Phenol	6.92	94	40052	3.194	ng/ul	98
17) Hexachloroethane	8.80	117	14601	3.082	ng/ul#	1
30) 4-Chloroaniline	10.59	127	5432390	514.667	ng/ul#	10
34) 2-Methylnaphthalene	12.17	142	3160189	125.296	ng/ul	99
40) 1,1'-Biphenyl	13.19	154	1178266	37.057	ng/ul	99
44) Dimethylphthalate	13.83	163	146799	4.738	ng/ul	99
47) Acenaphthylene	14.08	152	193535	5.325	ng/ul#	91
49) Acenaphthene	14.43	153	4045125	153.171	ng/ul	100
53) Dibenzofuran	14.76	168	3761043	98.311	ng/ul	98
58) Fluorene	15.42	166	2719827	87.875	ng/ul	99
69) Phenanthrene	17.16	178	3407102	70.124	ng/ul	100
71) Anthracene	17.24	178	275471	5.571	ng/ul	98
74) Carbazole	17.53	167	2593820	63.193	ng/ul	99
76) Fluoranthene	19.17	202	584950	10.139	ng/ul	99
79) Pyrene	19.54	202	340856	6.119	ng/ul	99

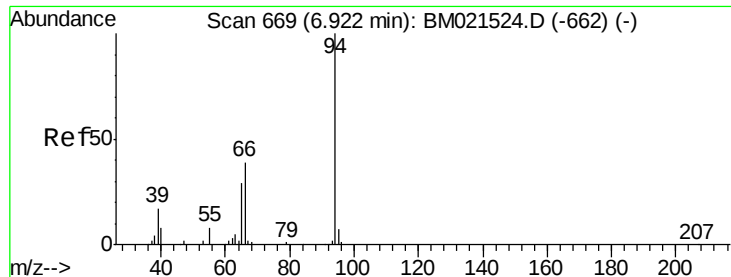
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
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Quant Time: Jul 19 00:43:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.194 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BF4B0

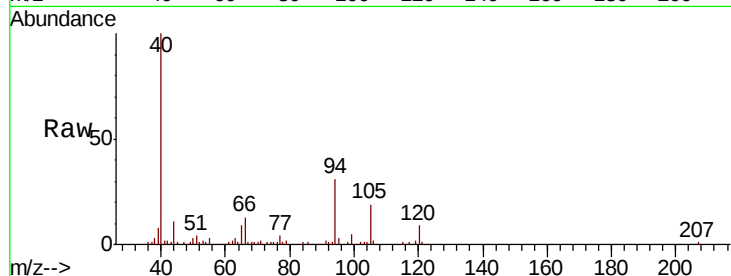
Tgt Ion: 94 Resp: 40052

Ion Ratio Lower Upper

94 100

65 30.2 23.0 34.6

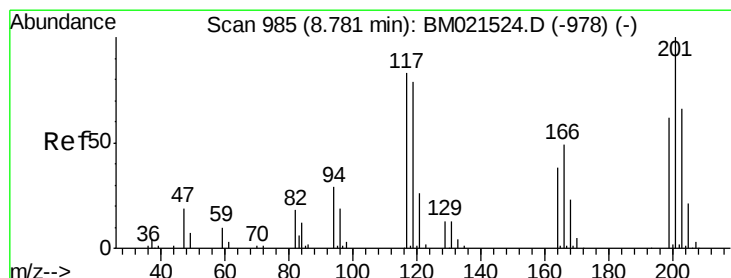
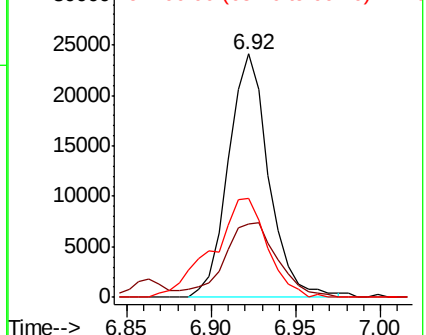
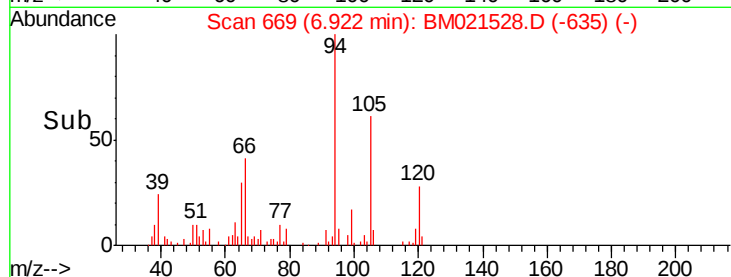
66 40.6 31.6 47.4



Abundance Ion 94.00 (93.70 to 94.70): BM021528.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM021528.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM021528.D (-662) (-)



#17

Hexachloroethane

Concen: 3.082 ng/ul

RT: 8.80 min Scan# 989

Delta R.T. 0.02 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

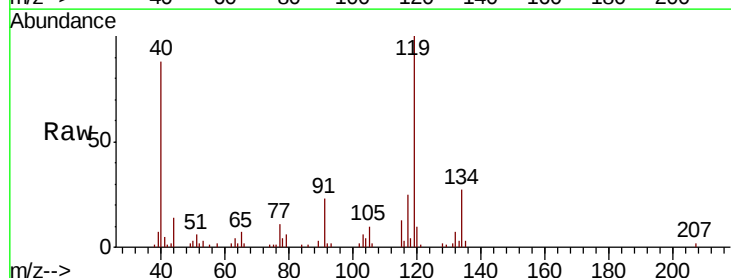
Tgt Ion: 117 Resp: 14601

Ion Ratio Lower Upper

117 100

201 0.0 99.7 149.5#

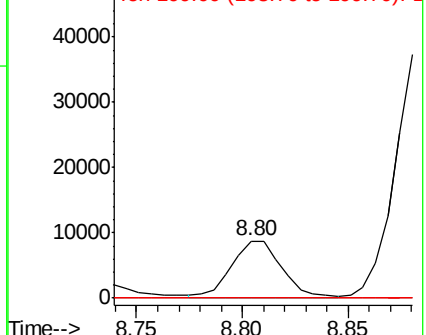
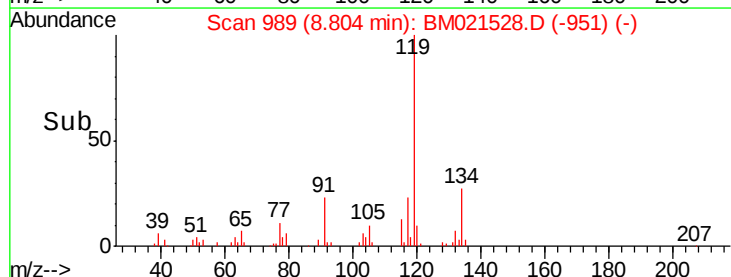
199 0.0 62.2 93.4#

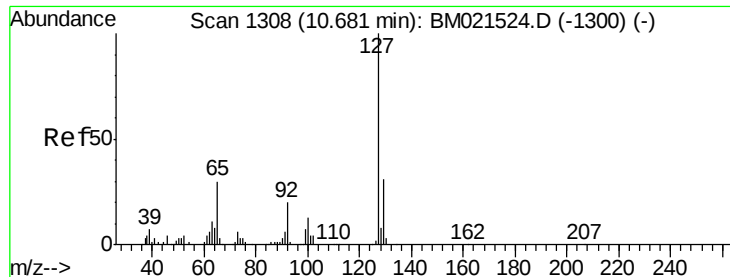


Abundance Ion 117.00 (116.70 to 117.70): BM021528.D (-978) (-)

Ion 201.00 (200.70 to 201.70): BM021528.D (-978) (-)

Ion 199.00 (198.70 to 199.70): BM021528.D (-978) (-)

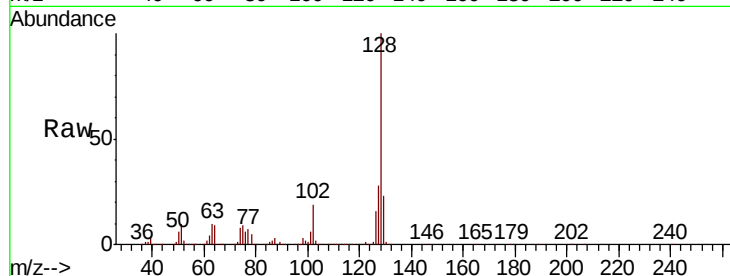




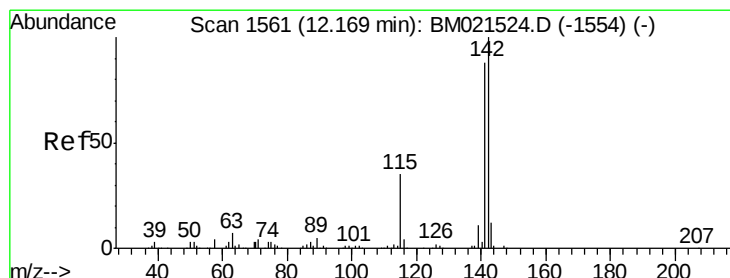
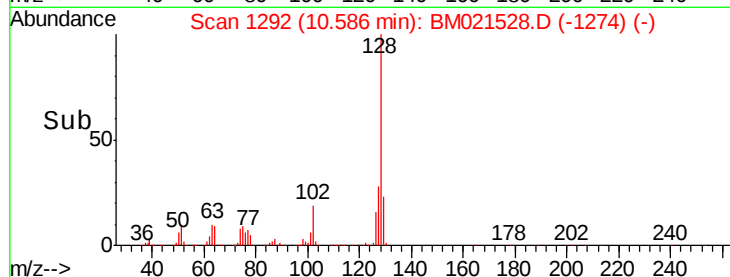
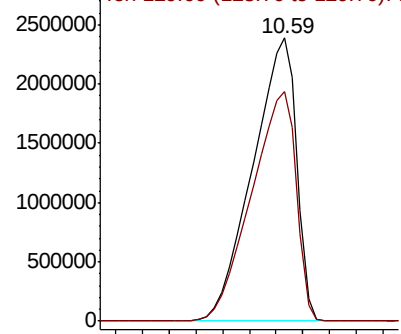
#30
4-Chloroaniline
Concen: 514.667 ng/ul
RT: 10.59 min Scan# 1292
Delta R.T. -0.09 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

Instrument :
BNA_M
ClientSampleId :
BF4B0

Tgt Ion:127 Resp: 5432390
Ion Ratio Lower Upper
127 100
129 81.2 25.0 37.6#

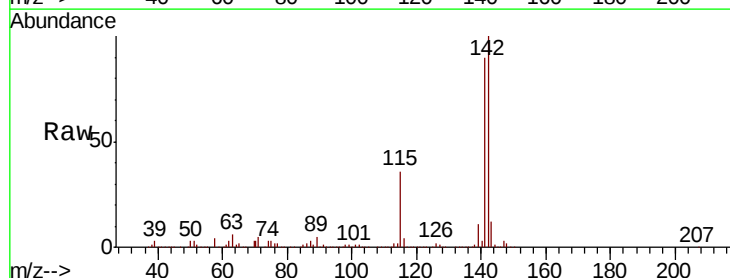


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

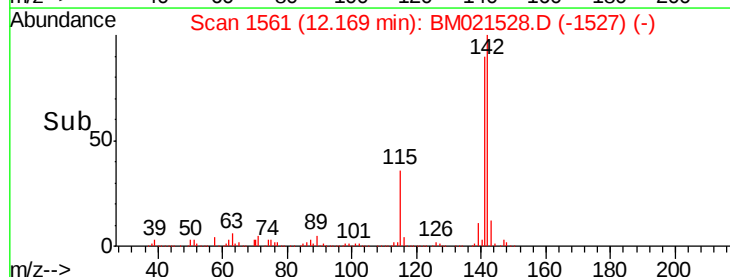
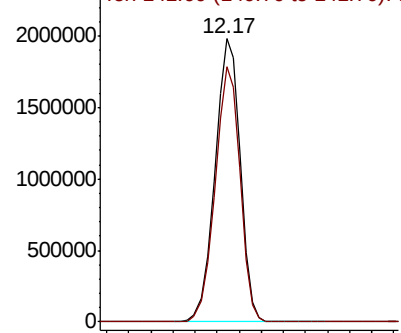


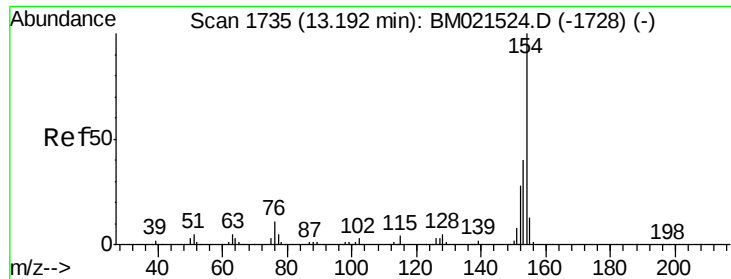
#34
2-Methylnaphthalene
Concen: 125.296 ng/ul
RT: 12.17 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

Tgt Ion:142 Resp: 3160189
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7



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

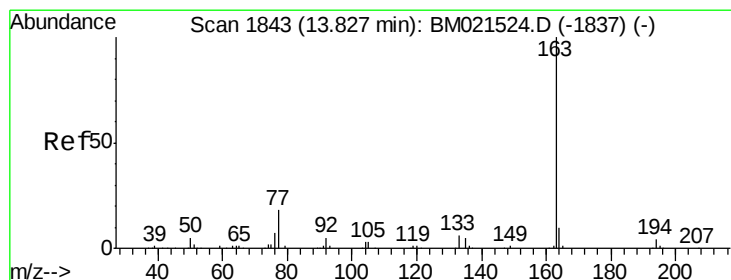
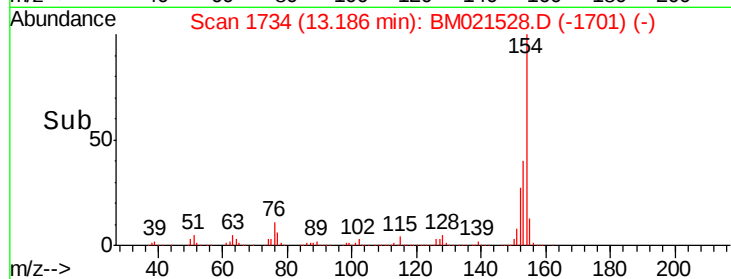
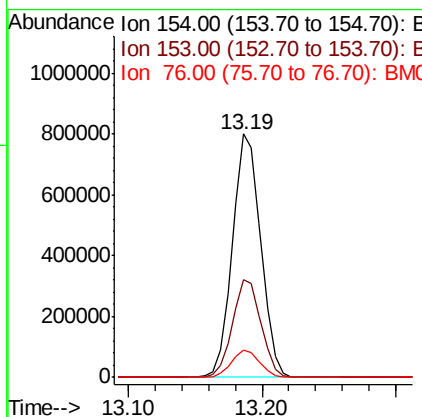
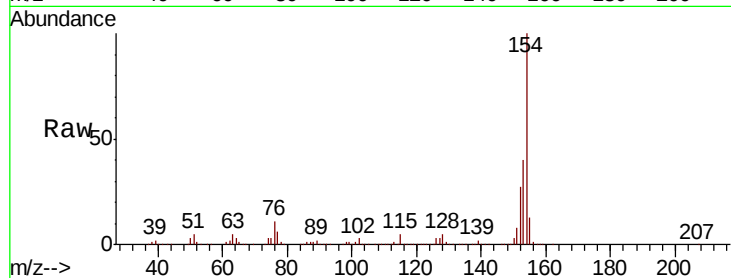




#40
 1,1'-Biphenyl
 Concen: 37.057 ng/ul
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

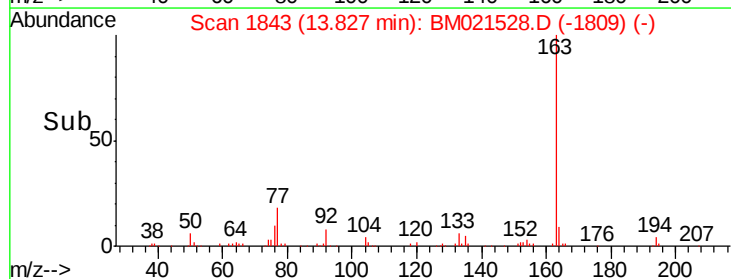
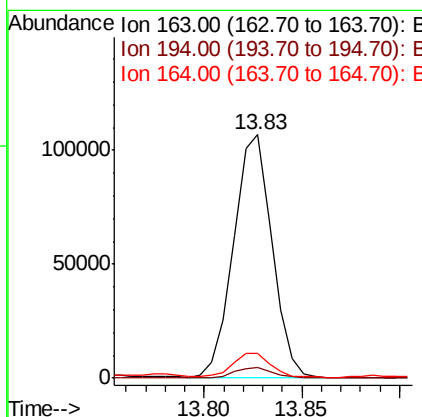
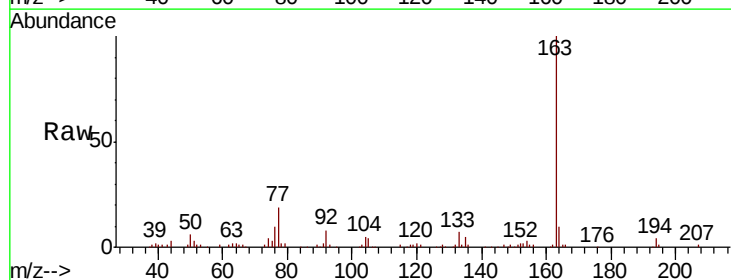
Instrument :
 BNA_M
 ClientSampled :
 BF4B0

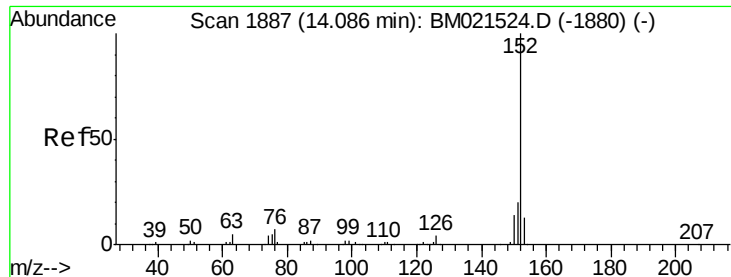
Tgt Ion:154 Resp: 1178266
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.7 49.1
 76 11.4 8.5 12.7



#44
 Dimethylphthalate
 Concen: 4.738 ng/ul
 RT: 13.83 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Tgt Ion:163 Resp: 146799
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.6 5.4
 164 9.9 8.3 12.5





#47

Acenaphthylene

Concen: 5.325 ng/ul

RT: 14.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BF4B0

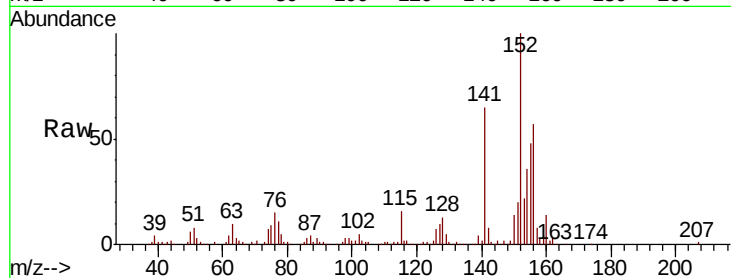
Tgt Ion:152 Resp: 193535

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

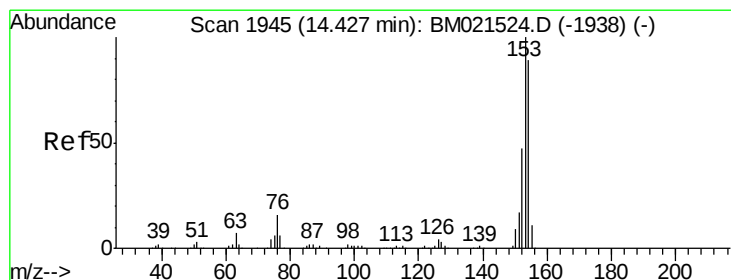
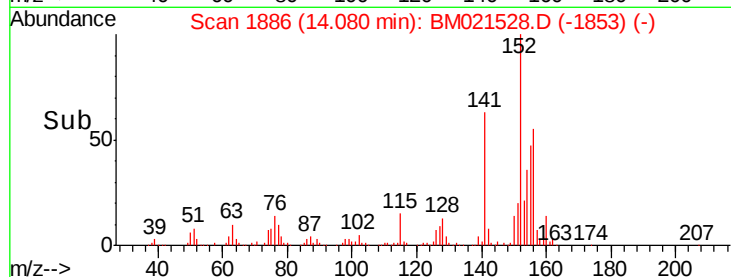
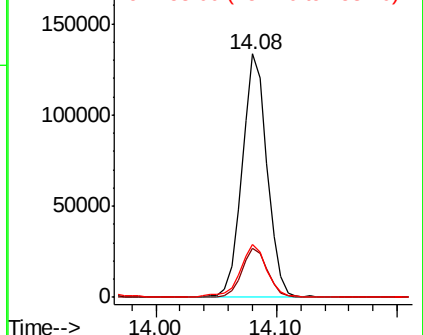
153 21.7 10.6 15.8#



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: 153.171 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

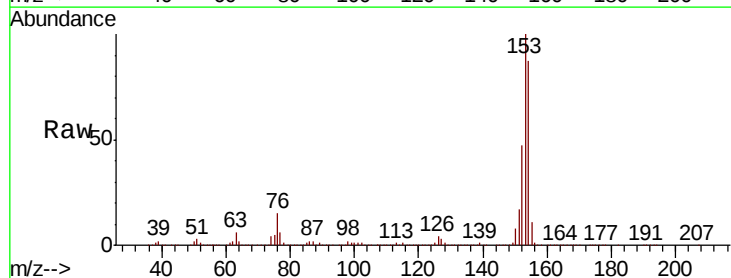
Tgt Ion:153 Resp: 4045125

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.4

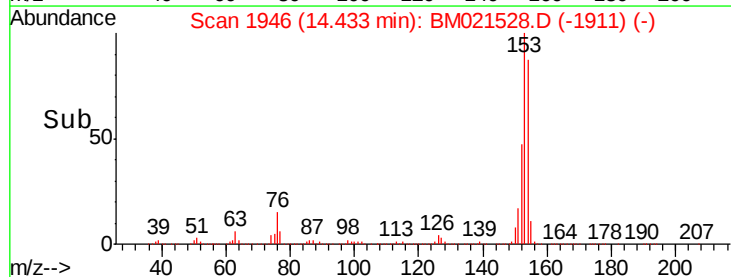
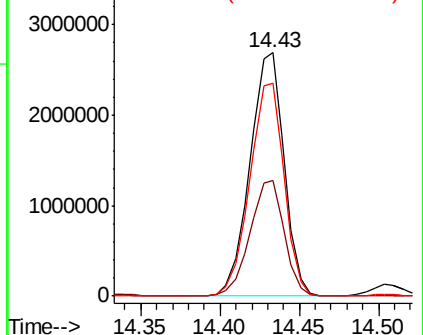
154 87.3 70.0 105.0

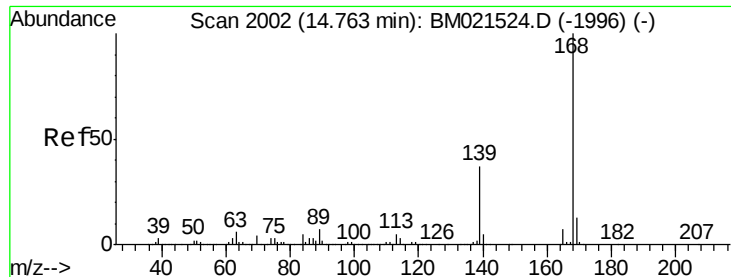


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

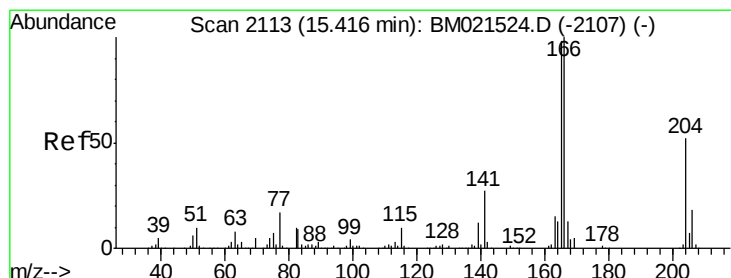
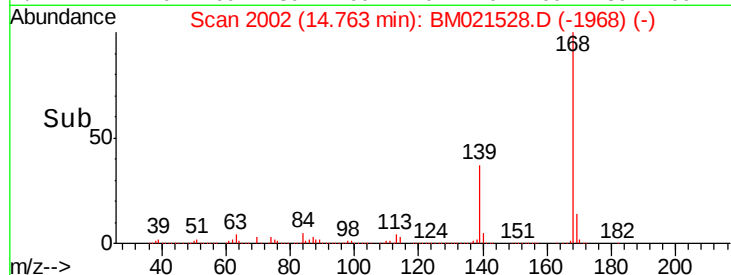
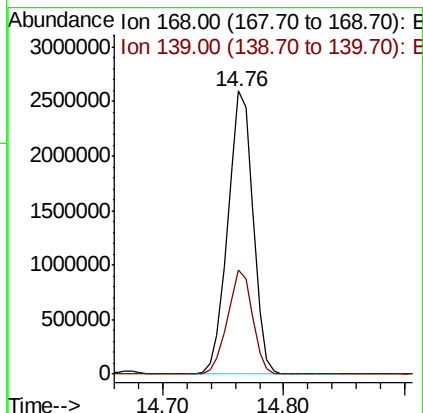
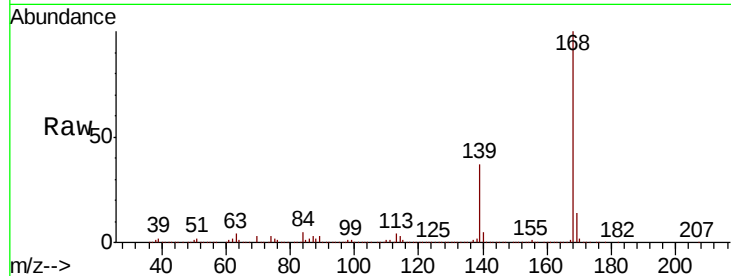




#53
Dibenzenofuran
Concen: 98.311 ng/ul
RT: 14.76 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

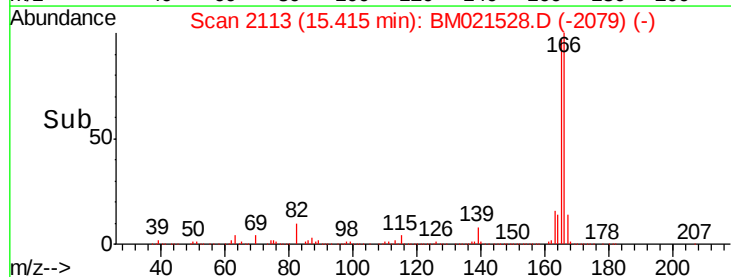
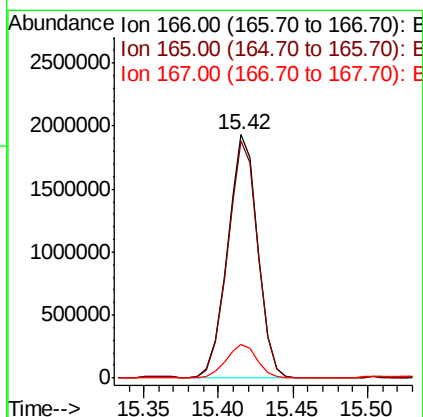
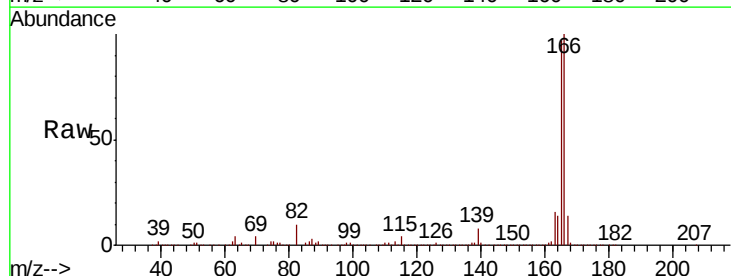
Instrument :
BNA_M
ClientSampleID :
BF4B0

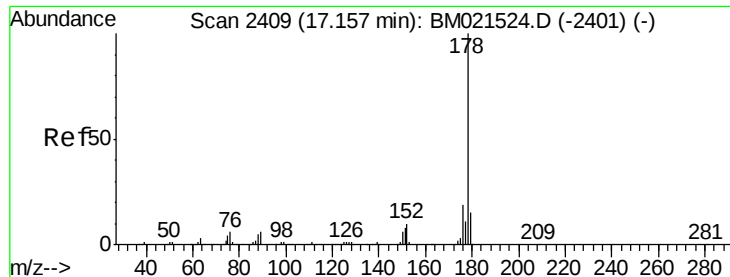
Tgt Ion:168 Resp: 3761043
Ion Ratio Lower Upper
168 100
139 36.6 28.4 42.6



#58
Fluorene
Concen: 87.875 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM021528.D
Acq: 18 Jul 2019 17:53

Tgt Ion:166 Resp: 2719827
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 14.0 10.7 16.1





#69

Phenanthrene

Concen: 70.124 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

Instrument :

BNA_M

ClientSampleId :

BF4B0

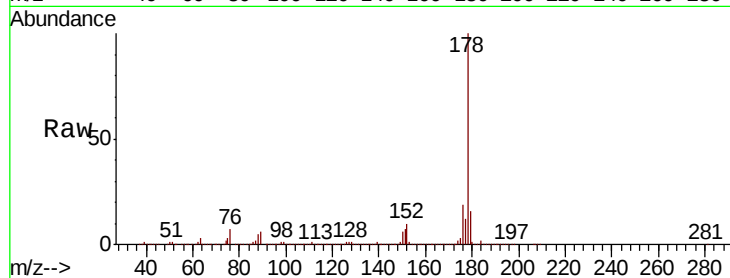
Tgt Ion:178 Resp: 3407102

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

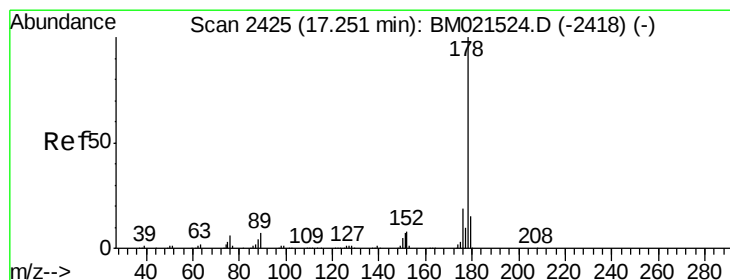
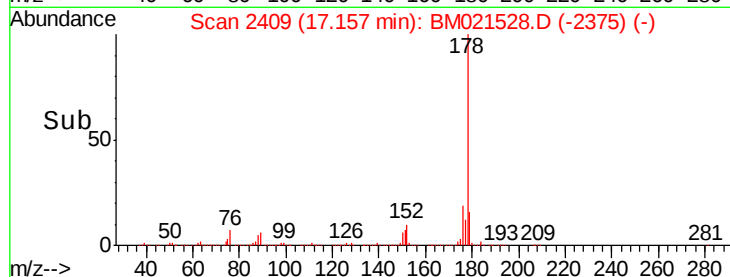
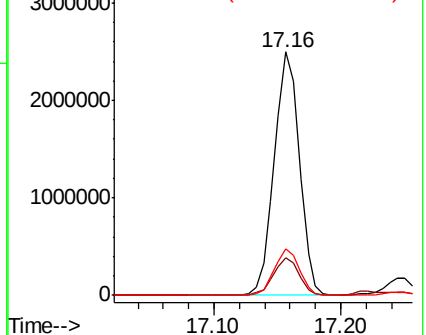
176 19.1 15.4 23.0



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: 5.571 ng/ul

RT: 17.24 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM021528.D

Acq: 18 Jul 2019 17:53

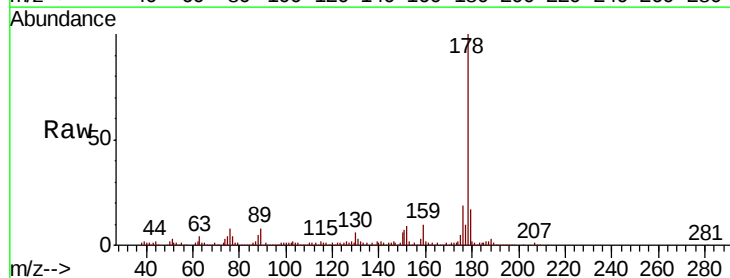
Tgt Ion:178 Resp: 275471

Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.2

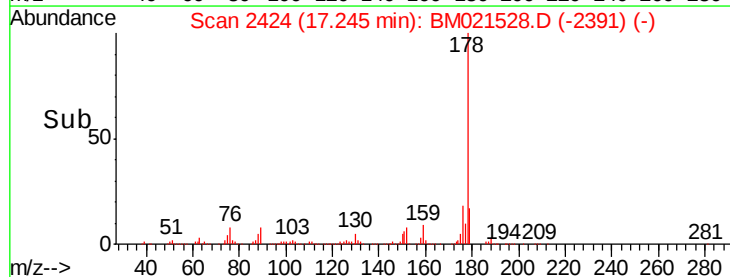
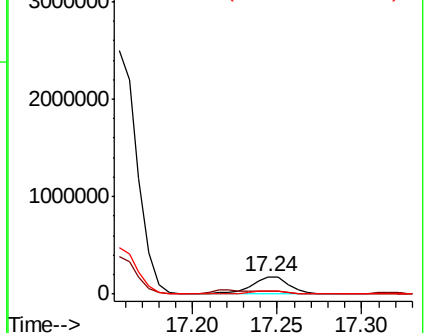
176 18.7 14.9 22.3

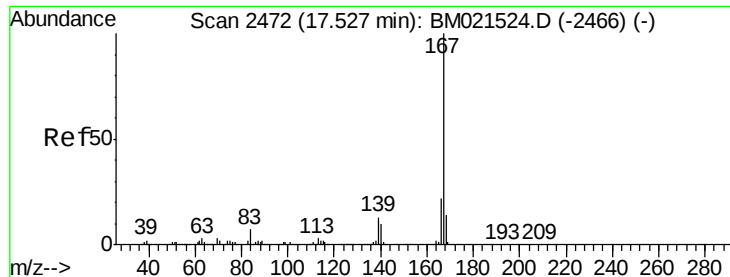


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

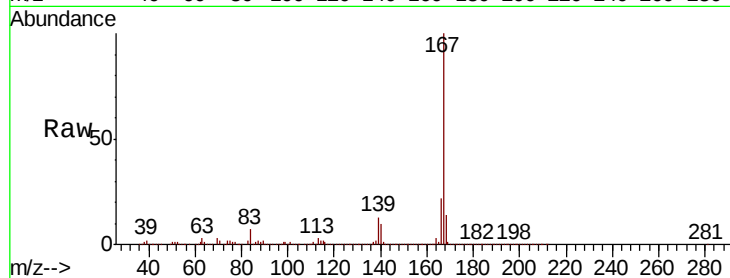




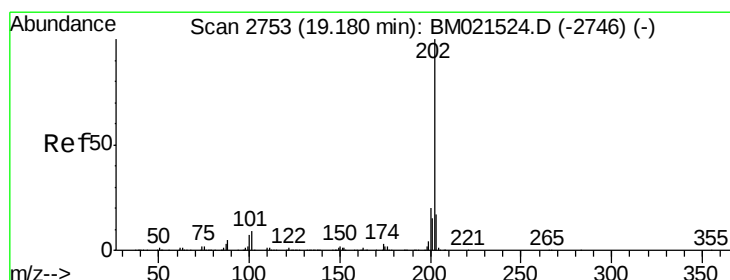
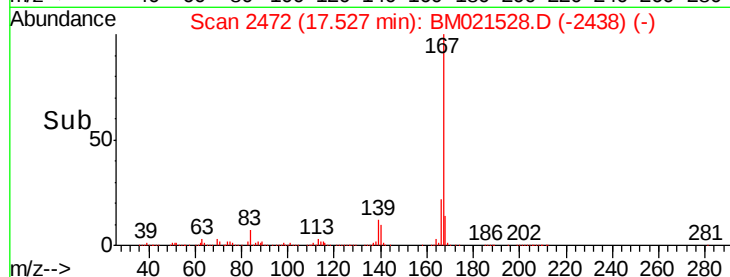
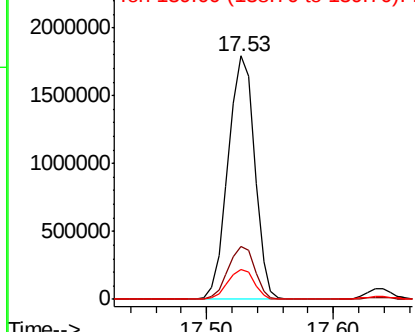
#74
 Carbazole
 Concen: 63.193 ng/ul
 RT: 17.53 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Tgt Ion:167 Resp: 2593820
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.1 25.7
 139 12.5 9.7 14.5

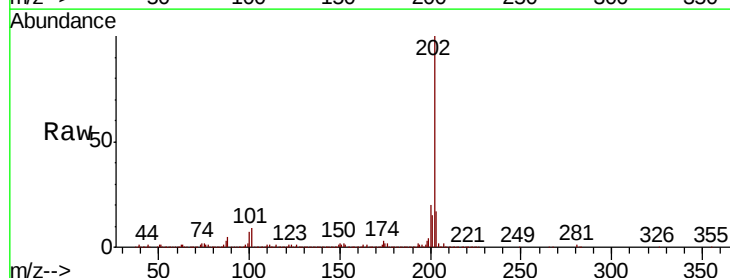


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

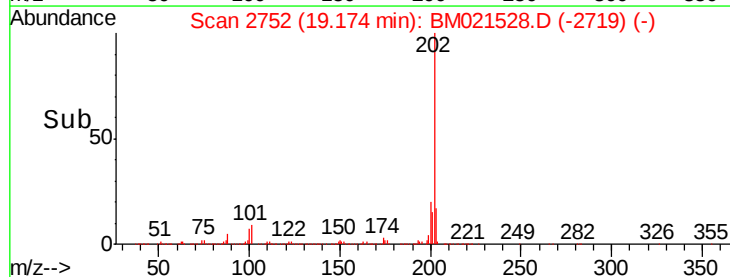
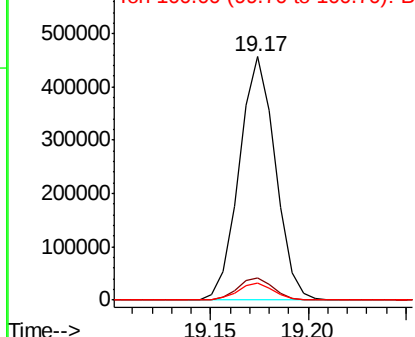


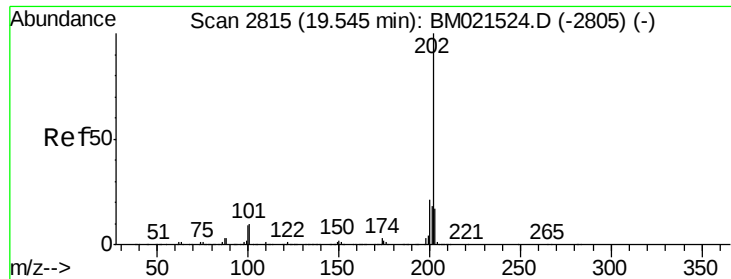
#76
 Fluoranthene
 Concen: 10.139 ng/ul
 RT: 19.17 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Tgt Ion:202 Resp: 584950
 Ion Ratio Lower Upper
 202 100
 101 9.0 6.7 10.1
 100 6.9 5.3 7.9



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E





#79
 Pyrene
 Concen: 6.119 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM021528.D
 Acq: 18 Jul 2019 17:53

Instrument :
 BNA_M
 ClientSampleId :
 BF4B0

Tgt Ion:	202	Resp:	340856
Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	8.4	6.4	9.6

