

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
 Data File : BM021530.D
 Acq On : 18 Jul 2019 19:07
 Operator : HP/JU
 Sample : K3822-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4B2

Quant Time: Jul 19 00:43:43 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	187471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	749725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	426302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	926101	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	881835	20.00	ng/ul	0.00
85) Perylene-d12	23.56	264	1012037	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	5973	1.57	ng/uL	0.00
5) Phenol-d5	6.89	99	124998	8.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	244575	28.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	309680	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	217960	18.77	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	184285	29.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	210014	30.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	385871	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	35107	2.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1189946	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1380913	29.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	33654	5.69	ng/ul	0.01
57) Fluorene-d10	15.36	176	1006216	30.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	140424	22.56	ng/ul	0.00
70) Anthracene-d10	17.21	188	1524139	31.68	ng/ul	0.00
78) Pyrene-d10	19.51	212	1664495	34.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1884207	32.37	ng/ul	0.00

Target Compounds

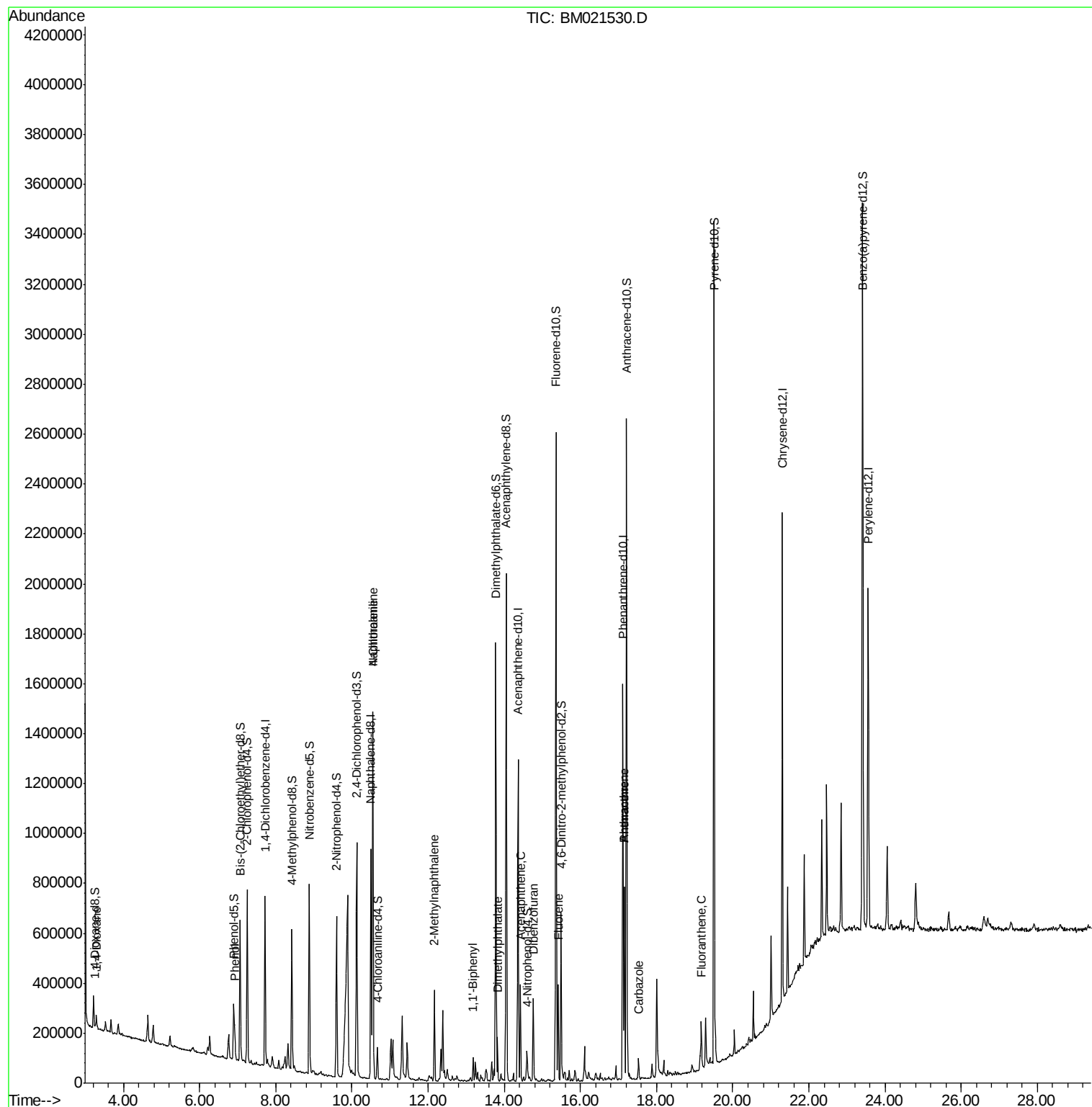
					Qvalue
2) 1,4-Dioxane	3.29	88	27750	6.938	ng/uL 99
6) Phenol	6.92	94	65143	4.669	ng/ul 97
28) Naphthalene	10.55	128	1203460	30.844	ng/ul 100
30) 4-Chloroaniline	10.55	127	157399	13.077	ng/ul# 13
34) 2-Methylnaphthalene	12.16	142	179841	6.253	ng/ul 97
40) 1,1'-Biphenyl	13.19	154	49437	1.386	ng/ul 98
44) Dimethylphthalate	13.82	163	110324	3.173	ng/ul 99
49) Acenaphthene	14.42	153	151901	5.126	ng/ul 100
53) Dibenzofuran	14.76	168	208736	4.862	ng/ul 99
58) Fluorene	15.42	166	167255	4.816	ng/ul 98
69) Phenanthrene	17.16	178	473960	9.076	ng/ul 99
71) Anthracene	17.16	178	474194	8.922	ng/ul 99
74) Carbazole	17.53	167	51160	1.160	ng/ul 97
76) Fluoranthene	19.17	202	83707	1.350	ng/ul 96

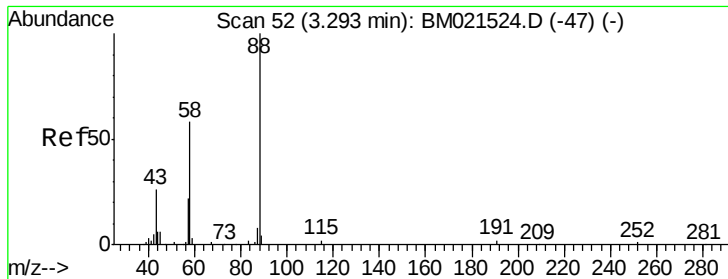
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 00:39:42 2019
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.938 ng/uL

RT: 3.29 min Scan# 51

Delta R.T. -0.01 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

BF4B2

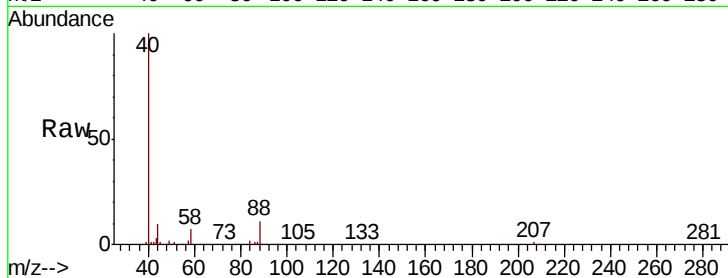
Tgt Ion: 88 Resp: 27750

Ion Ratio Lower Upper

88 100

43 28.4 23.4 35.2

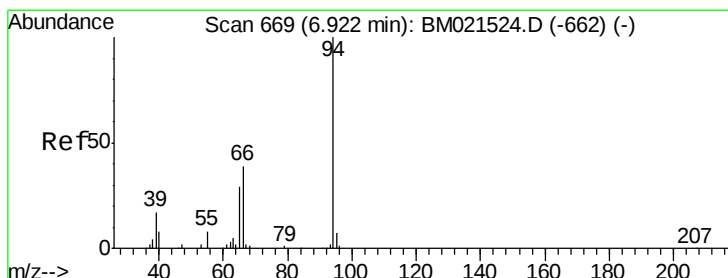
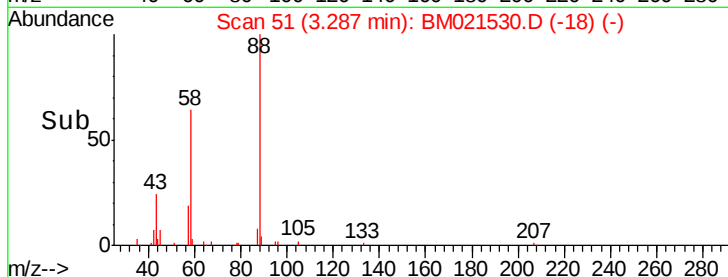
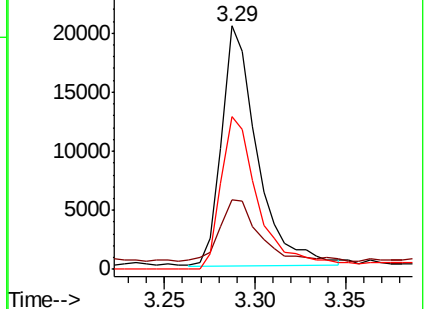
58 62.5 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): BM021524.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM021524.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM021524.D (-47) (-)



#6

Phenol

Concen: 4.669 ng/uL

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

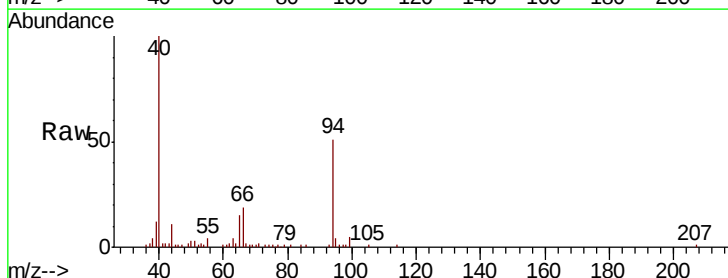
Tgt Ion: 94 Resp: 65143

Ion Ratio Lower Upper

94 100

65 28.8 23.0 34.6

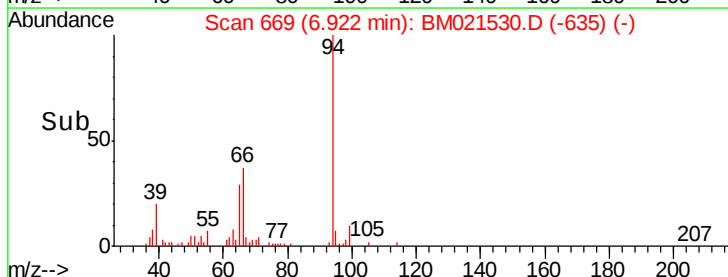
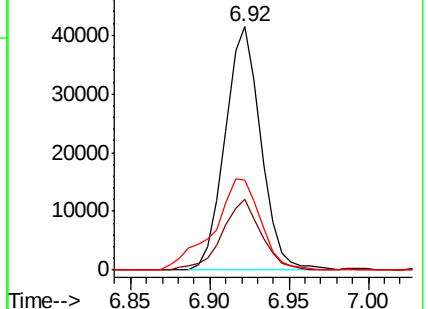
66 36.7 31.6 47.4

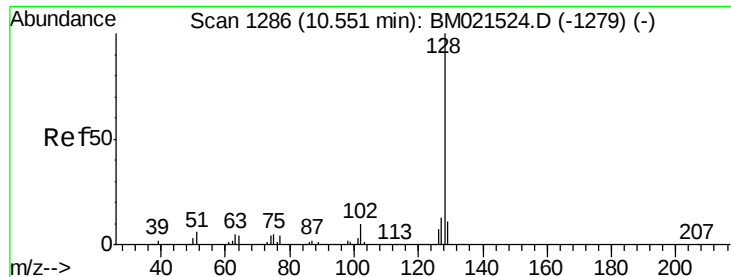


Abundance Ion 94.00 (93.70 to 94.70): BM021524.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM021524.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM021524.D (-662) (-)





#28

Naphthalene

Concen: 30.844 ng/ul

RT: 10.55 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

BF4B2

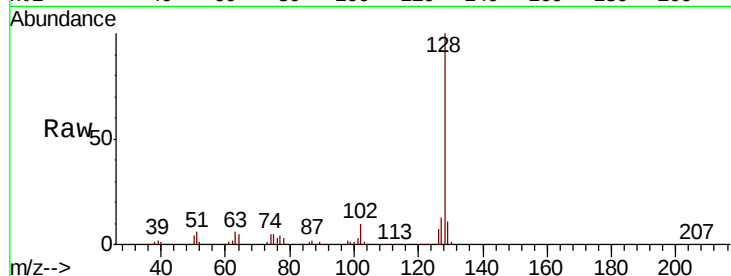
Tgt Ion:128 Resp: 1203460

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

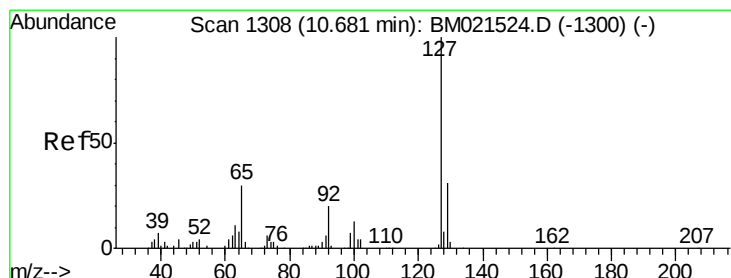
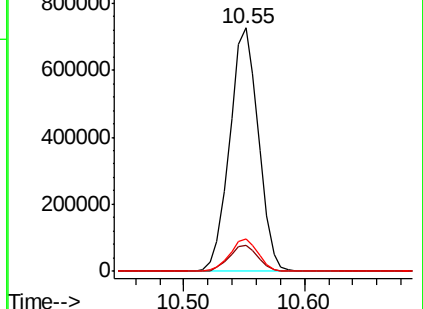
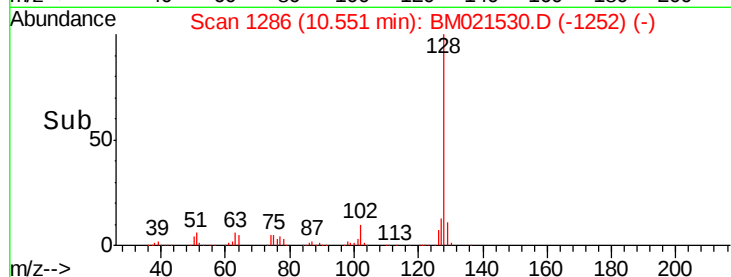
127 13.3 10.6 16.0



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



#30

4-Chloroaniline

Concen: 13.077 ng/ul

RT: 10.55 min Scan# 1286

Delta R.T. -0.13 min

Lab File: BM021530.D

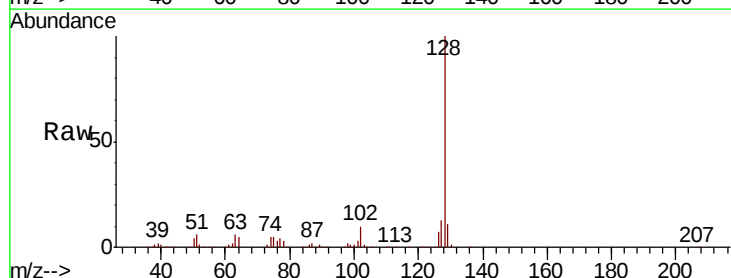
Acq: 18 Jul 2019 19:07

Tgt Ion:127 Resp: 157399

Ion Ratio Lower Upper

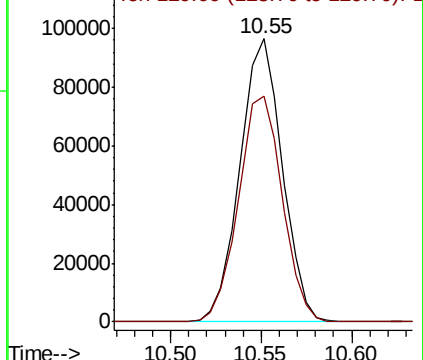
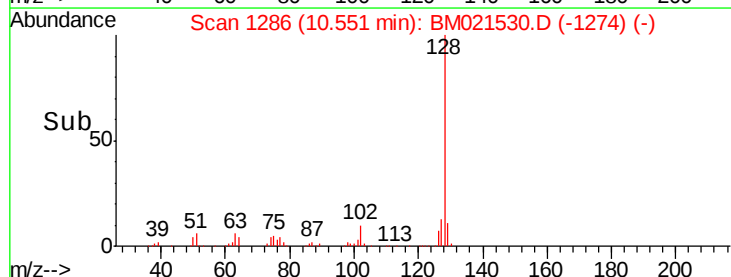
127 100

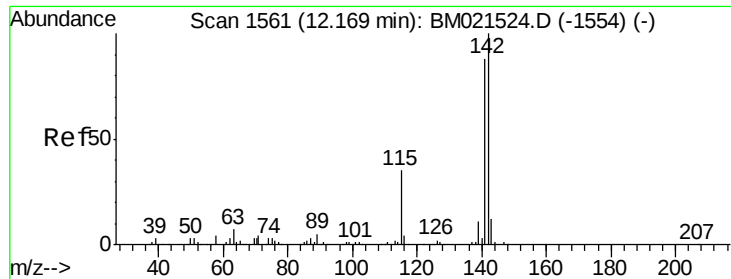
129 79.6 25.0 37.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

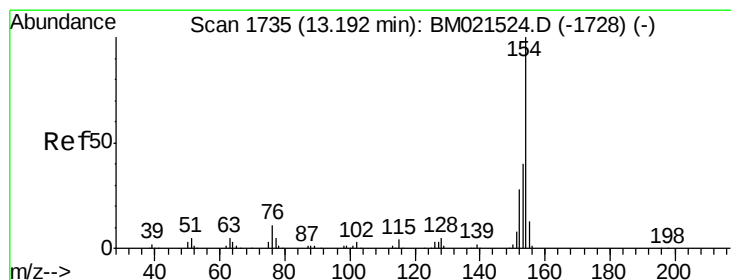
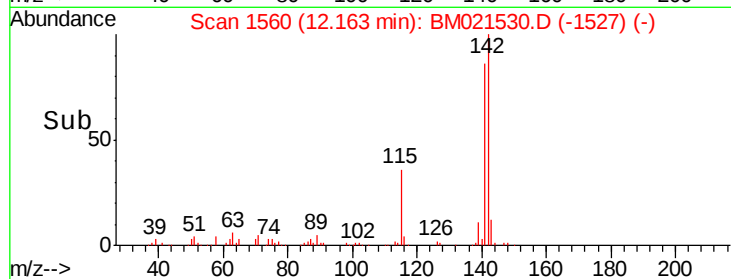
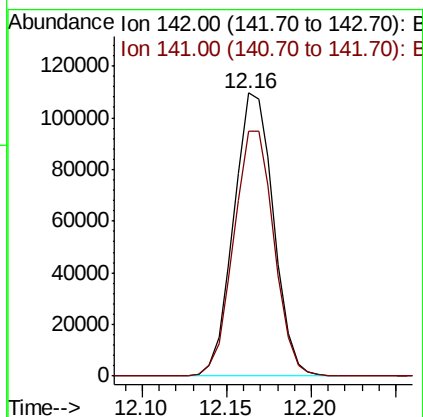
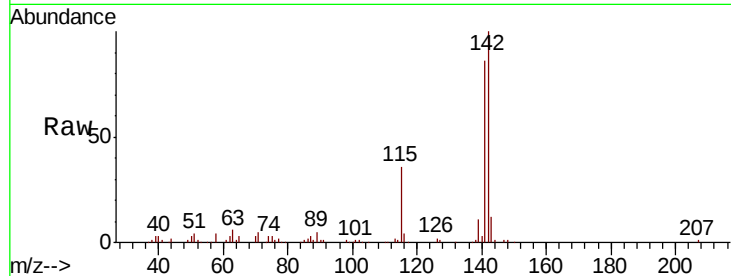




#34
 2-Methylnaphthalene
 Concen: 6.253 ng/ul
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BM021530.D
 Acq: 18 Jul 2019 19:07

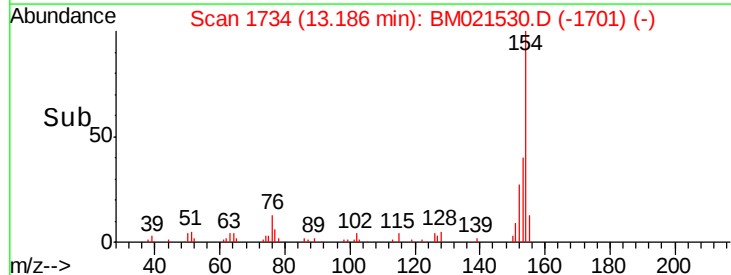
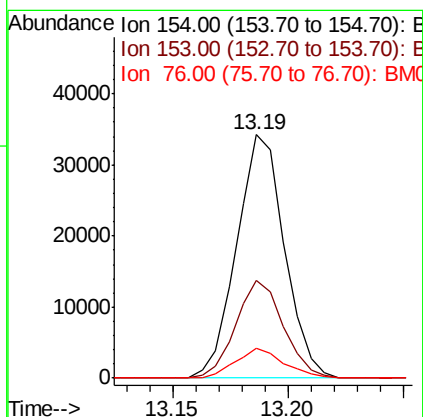
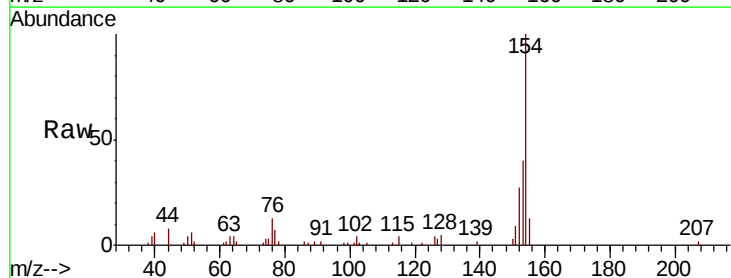
Instrument :
 BNA_M
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 BF4B2

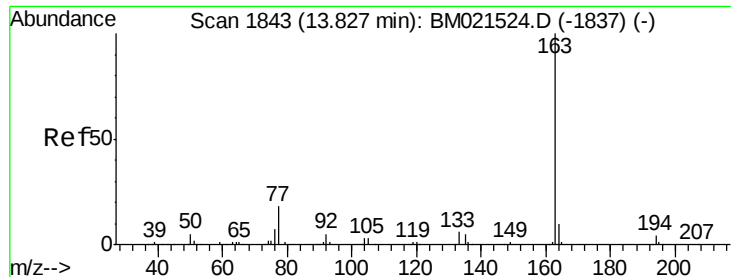
Tgt Ion:142 Resp: 179841
 Ion Ratio Lower Upper
 142 100
 141 86.5 71.1 106.7



#40
 1,1'-Biphenyl
 Concen: 1.386 ng/ul
 RT: 13.19 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BM021530.D
 Acq: 18 Jul 2019 19:07

Tgt Ion:154 Resp: 49437
 Ion Ratio Lower Upper
 154 100
 153 40.2 32.7 49.1
 76 12.5 8.5 12.7

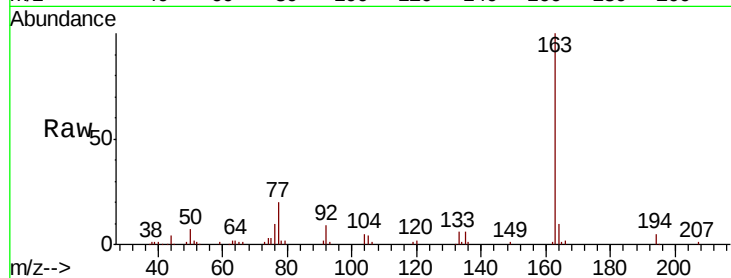




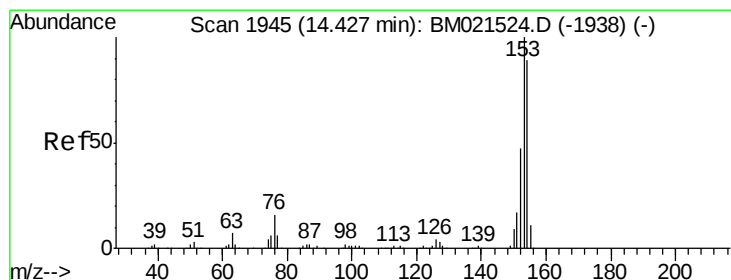
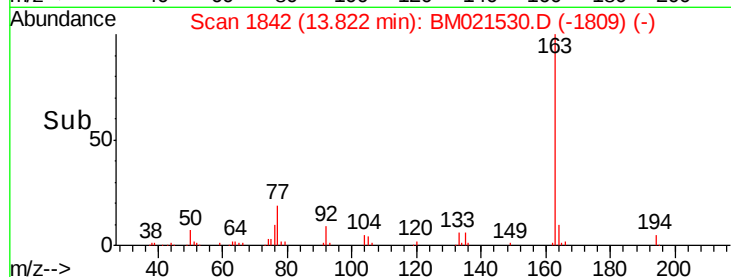
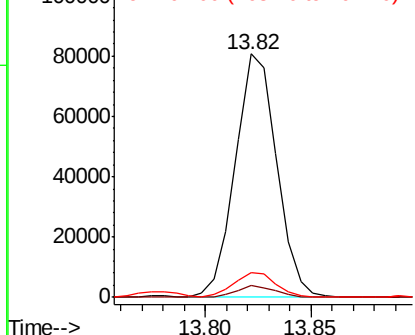
#44
Dimethylphthalate
Concen: 3.173 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Instrument :
BNA_M
ClientSampleId :
BF4B2

Tgt Ion:163 Resp: 110324
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 10.4 8.3 12.5

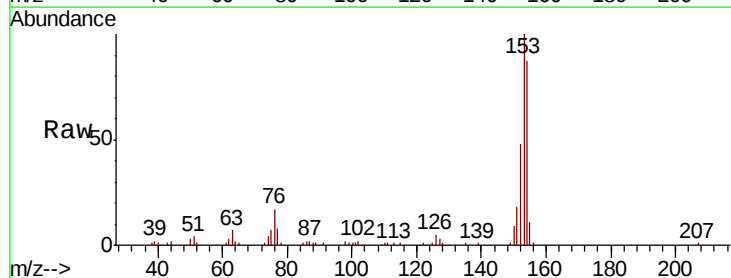


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

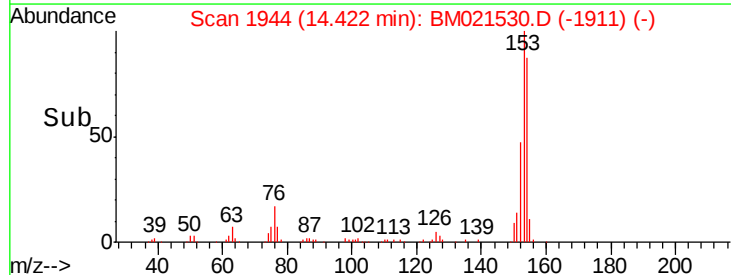
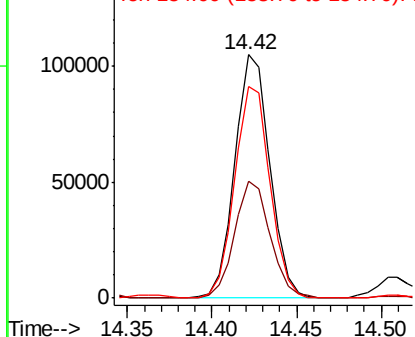


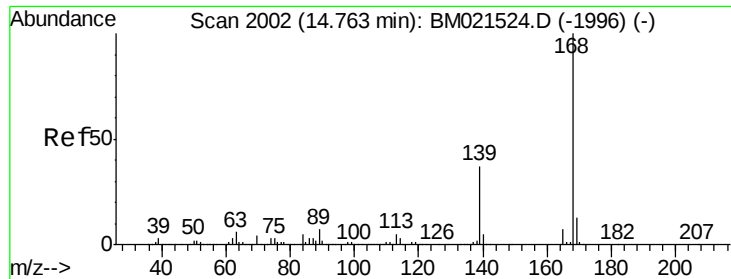
#49
Acenaphthene
Concen: 5.126 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM021530.D
Acq: 18 Jul 2019 19:07

Tgt Ion:153 Resp: 151901
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 87.2 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: 4.862 ng/ul

RT: 14.76 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

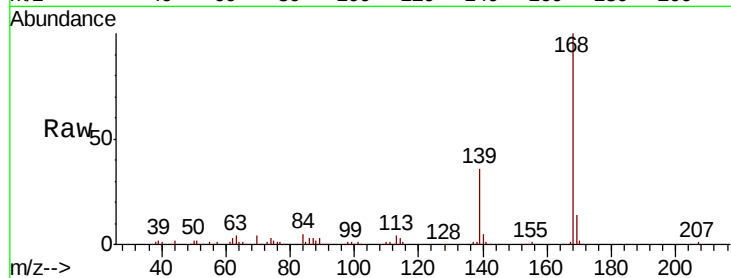
BF4B2

Tgt Ion:168 Resp: 208736

Ion Ratio Lower Upper

168 100

139 36.3 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.76

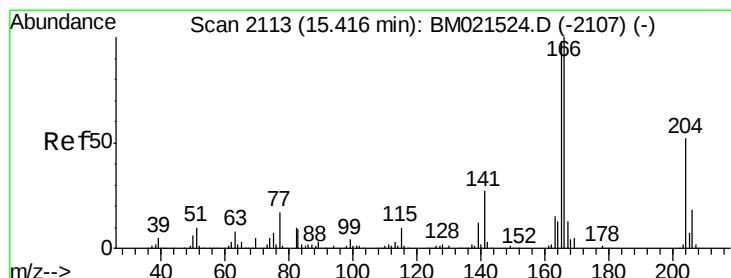
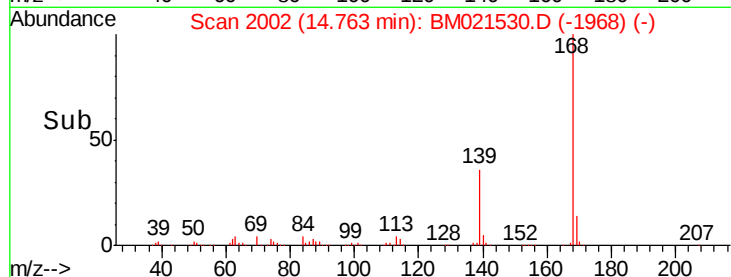
150000

100000

50000

0

Time--> 14.70 14.75 14.80



#58

Fluorene

Concen: 4.816 ng/ul

RT: 15.42 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

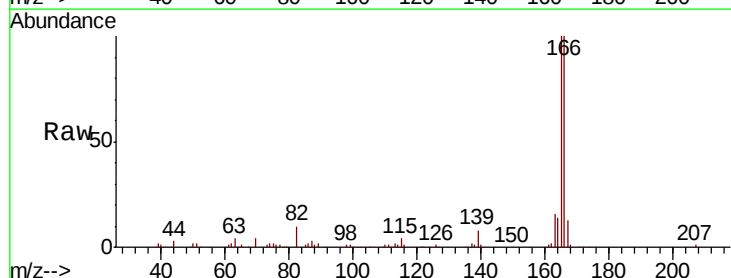
Tgt Ion:166 Resp: 167255

Ion Ratio Lower Upper

166 100

165 99.9 78.6 117.8

167 13.2 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

15.42

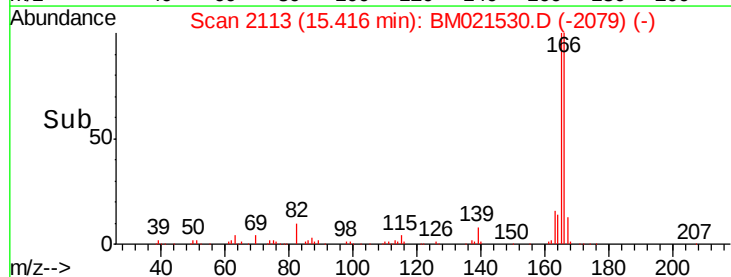
150000

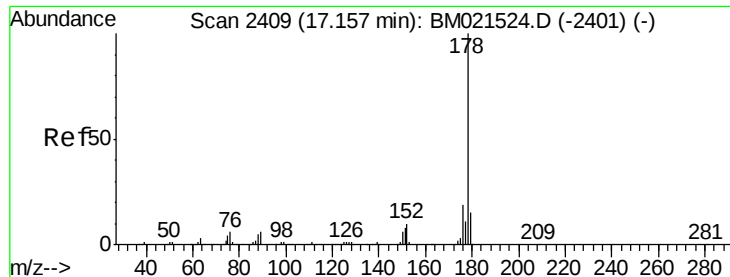
100000

50000

0

Time--> 15.35 15.40 15.45





#69

Phenanthrene

Concen: 9.076 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

Instrument :

BNA_M

ClientSampleId :

BF4B2

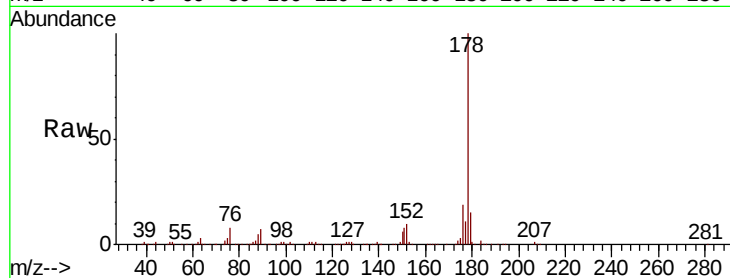
Tgt Ion:178 Resp: 473960

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

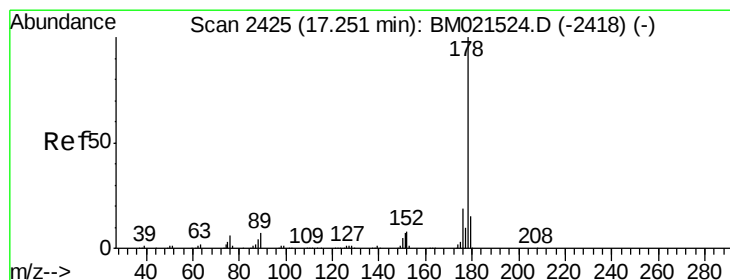
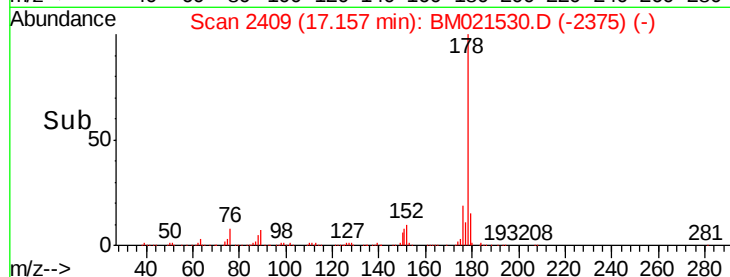
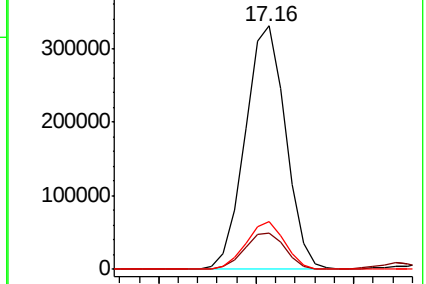
176 19.4 15.4 23.0



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: 8.922 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

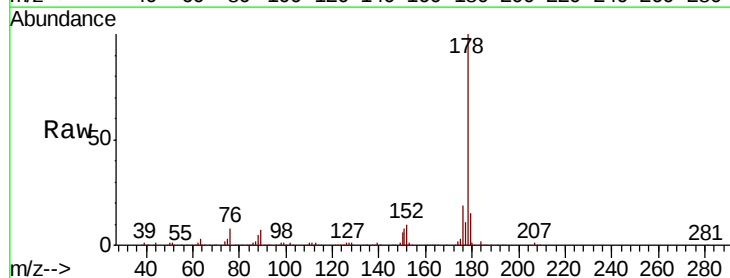
Tgt Ion:178 Resp: 474194

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

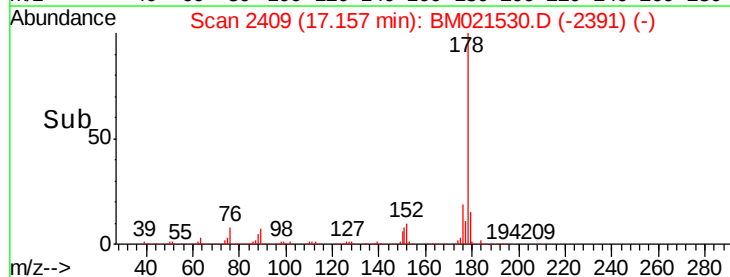
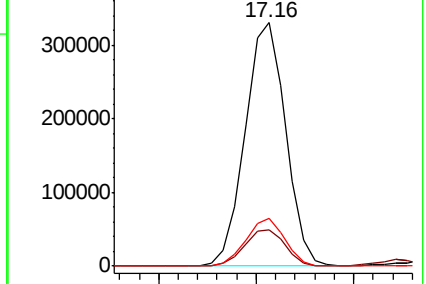
176 19.4 14.9 22.3

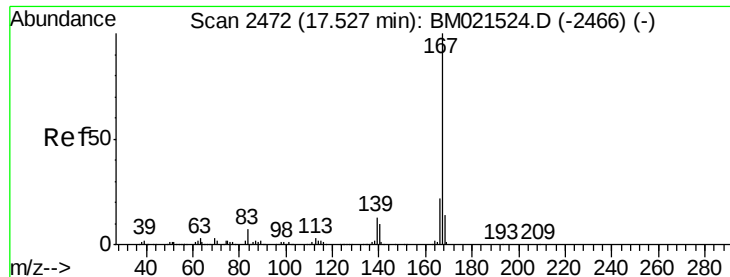


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.160 ng/ul

RT: 17.53 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

Instrument :

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ClientSampleId :

BF4B2

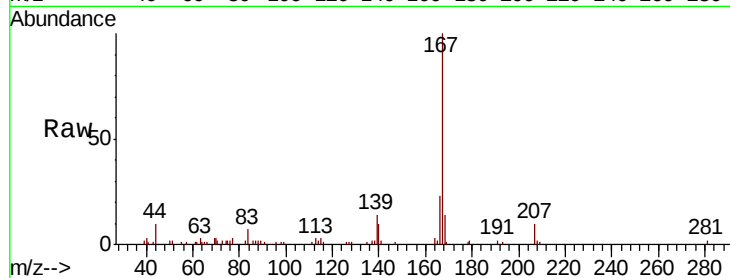
Tgt Ion:167 Resp: 51160

Ion Ratio Lower Upper

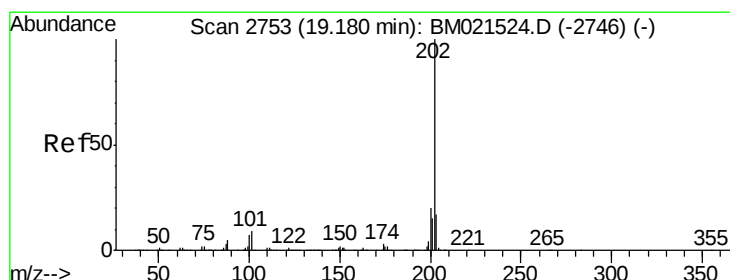
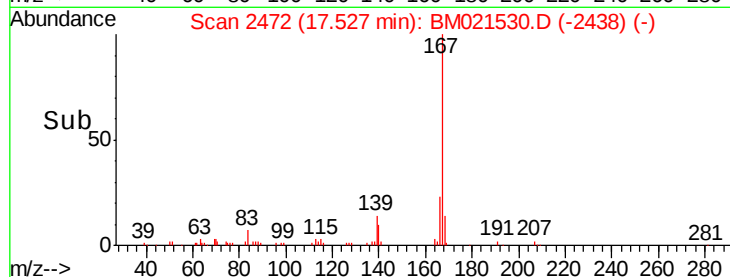
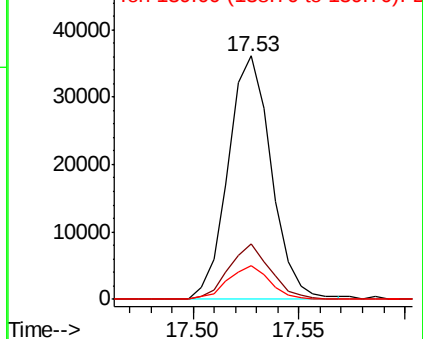
167 100

166 22.6 17.1 25.7

139 13.8 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: 1.350 ng/ul

RT: 19.17 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BM021530.D

Acq: 18 Jul 2019 19:07

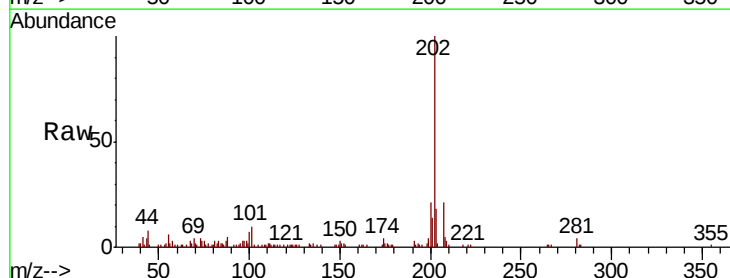
Tgt Ion:202 Resp: 83707

Ion Ratio Lower Upper

202 100

101 10.1 6.7 10.1

100 7.4 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

