

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071119\
 Data File : BM021433.D
 Acq On : 11 Jul 2019 18:20
 Operator : HP/JU
 Sample : K3717-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4C4

Quant Time: Jul 12 04:54:56 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	171917	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	686690	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	408523	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	976579	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1041478	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1230813	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	5652	1.62	ng/uL	0.00
5) Phenol-d5	6.91	99	103352	7.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	233286	29.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	290275	25.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	192200	18.05	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	189557	33.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	194504	30.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	367691	28.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	30771	2.67	ng/ul	-0.01
43) Dimethylphthalate-d6	13.79	166	1205686	33.70	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1356761	30.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	37830	6.67	ng/ul	0.00
57) Fluorene-d10	15.37	176	1067357	33.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	178997	27.27	ng/ul	0.00
70) Anthracene-d10	17.23	188	1680579	33.13	ng/ul	0.00
78) Pyrene-d10	19.52	212	1941476	33.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	2371508	33.50	ng/ul	0.00

Target Compounds

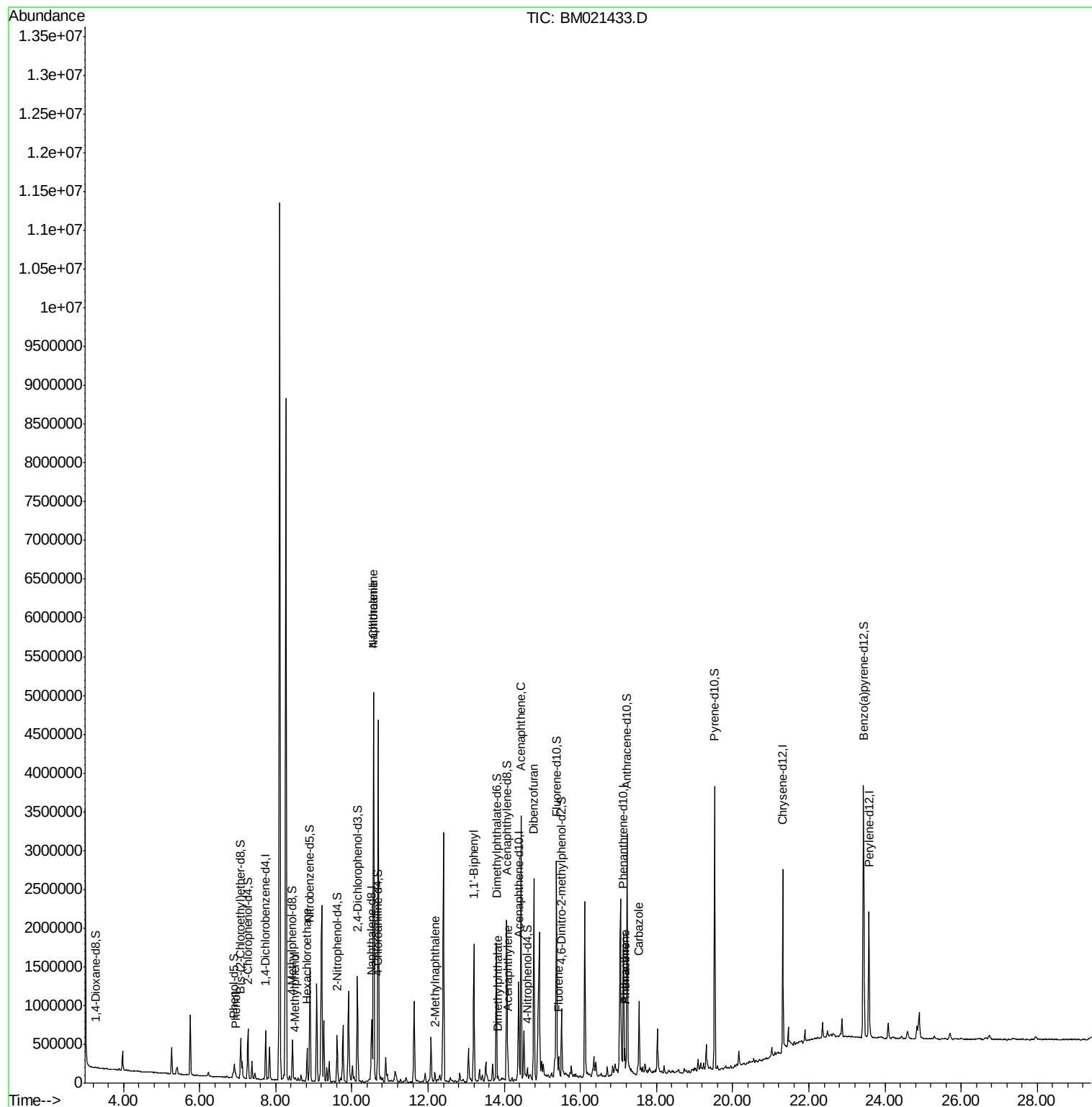
					Qvalue	
6) Phenol	6.94	94	23535	1.839	ng/ul	97
16) 4-Methylphenol	8.50	108	14462	1.399	ng/ul	89
17) Hexachloroethane	8.83	117	73677	15.238	ng/ul#	1
28) Naphthalene	10.57	128	4012128	112.268	ng/ul	99
30) 4-Chloroaniline	10.57	127	534047	48.444	ng/ul#	6
34) 2-Methylnaphthalene	12.18	142	56100	2.130	ng/ul	96
40) 1,1'-Biphenyl	13.20	154	941370	27.532	ng/ul	100
44) Dimethylphthalate	13.84	163	43549	1.307	ng/ul	100
47) Acenaphthylene	14.10	152	128336	3.284	ng/ul	99
49) Acenaphthene	14.44	153	1354550	47.696	ng/ul	99
53) Dibenzofuran	14.77	168	1750528	42.551	ng/ul	100
58) Fluorene	15.43	166	104949	3.153	ng/ul#	94
69) Phenanthrene	17.17	178	157398	2.858	ng/ul	100
71) Anthracene	17.17	178	157398	2.808	ng/ul	99
74) Carbazole	17.54	167	566069	12.169	ng/ul	100

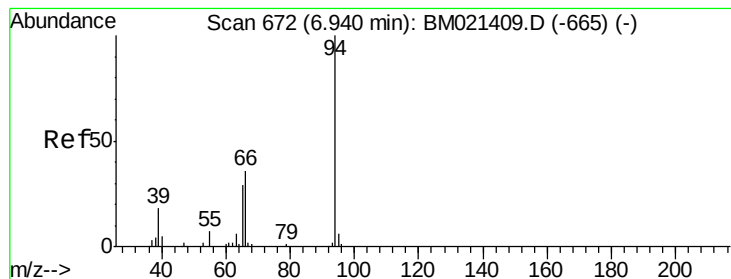
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071119\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.839 ng/ul

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

BF4C4

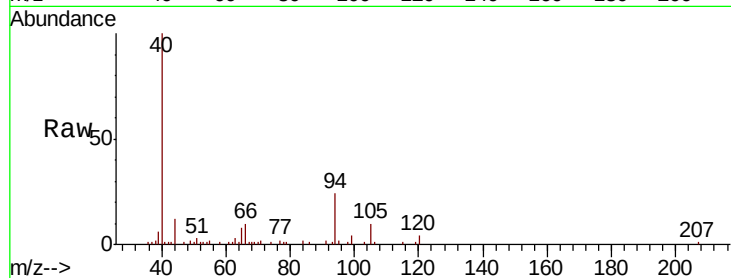
Tgt Ion: 94 Resp: 23535

Ion Ratio Lower Upper

94 100

65 31.5 23.0 34.6

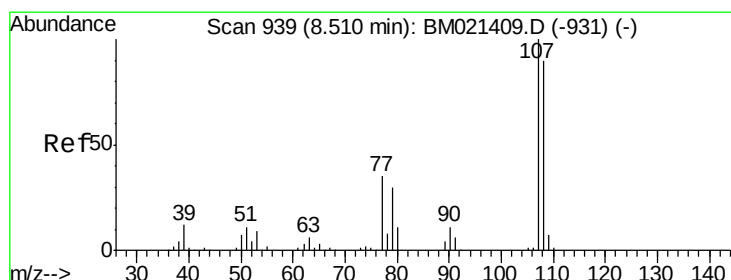
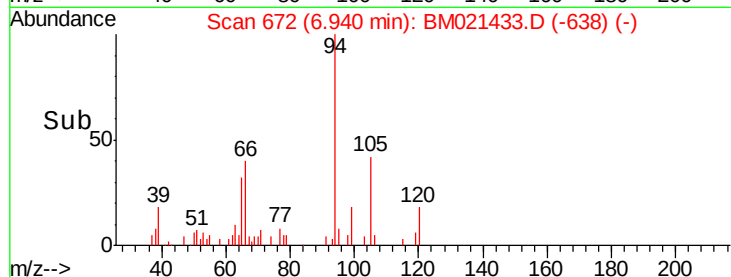
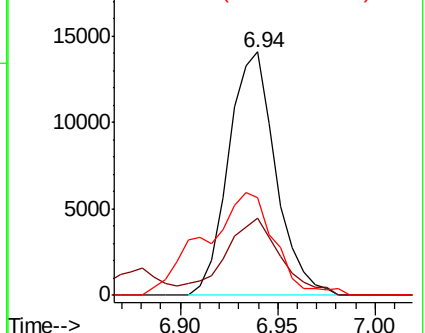
66 40.2 31.6 47.4



Abundance Ion 94.00 (93.70 to 94.70): BM021409.D (-665) (-)

Ion 65.00 (64.70 to 65.70): BM021409.D (-665) (-)

Ion 66.00 (65.70 to 66.70): BM021409.D (-665) (-)



#16

4-Methylphenol

Concen: 1.399 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BM021433.D

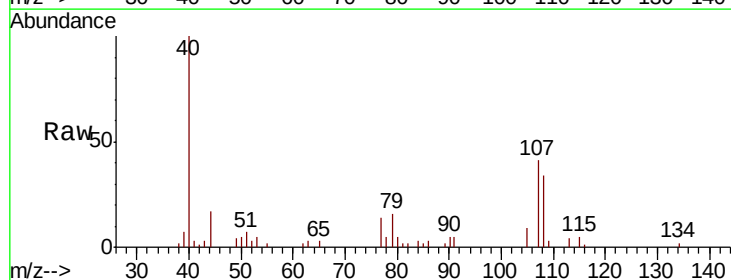
Acq: 11 Jul 2019 18:20

Tgt Ion: 108 Resp: 14462

Ion Ratio Lower Upper

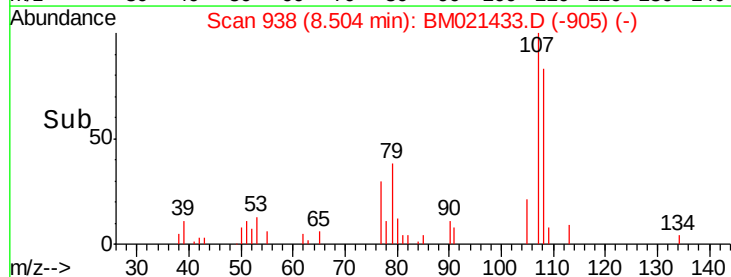
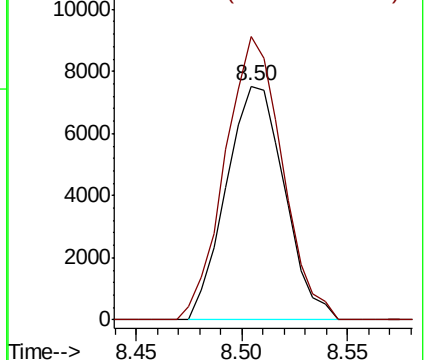
108 100

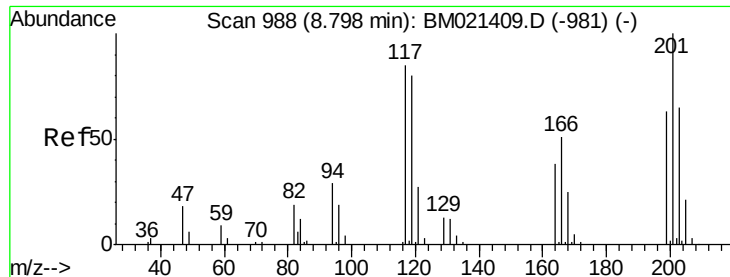
107 121.1 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): BM021409.D (-931) (-)

Ion 107.00 (106.70 to 107.70): BM021409.D (-931) (-)





#17

Hexachloroethane

Concen: 15.238 ng/ul

RT: 8.83 min Scan# 993

Delta R.T. 0.03 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

BF4C4

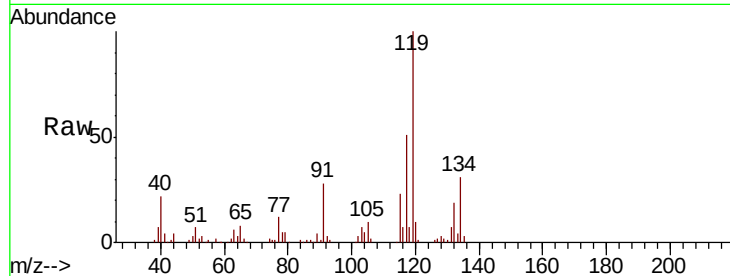
Tgt Ion:117 Resp: 73677

Ion Ratio Lower Upper

117 100

201 0.0 99.7 149.5#

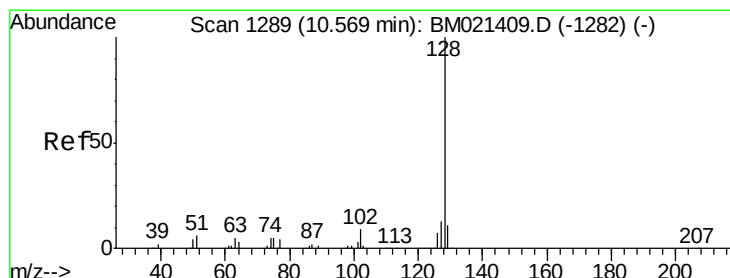
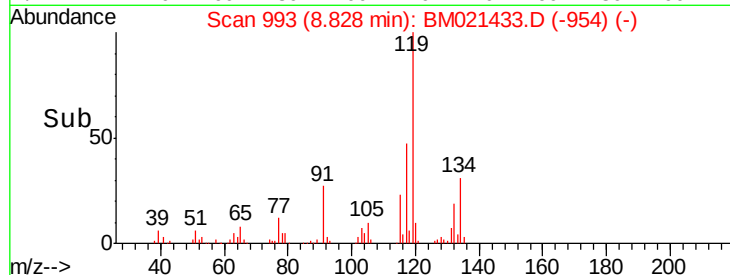
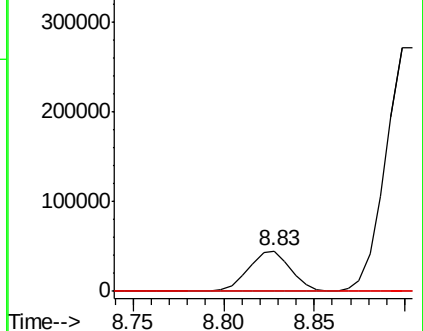
199 0.0 62.2 93.4#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 112.268 ng/ul

RT: 10.57 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

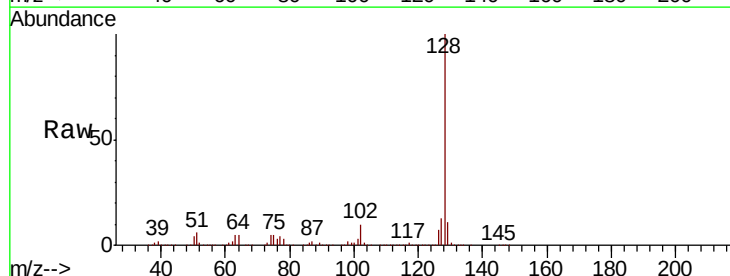
Tgt Ion:128 Resp: 4012128

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

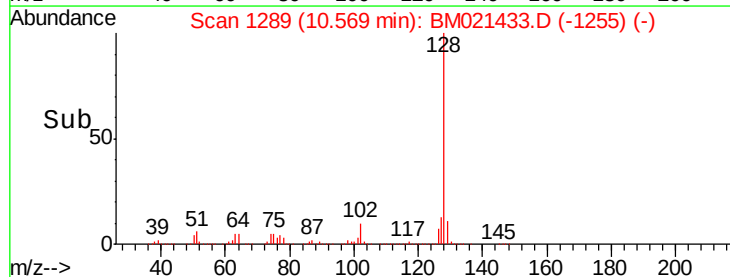
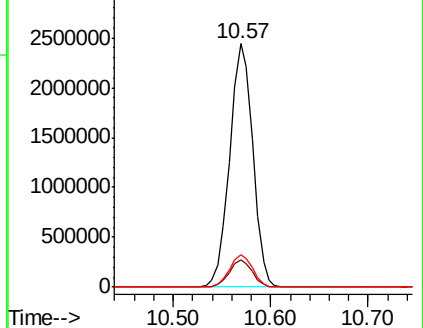
127 13.5 10.6 16.0

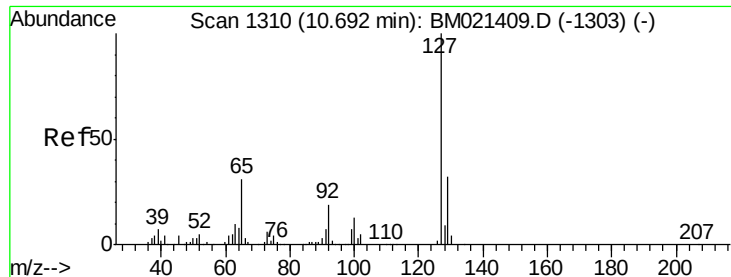


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

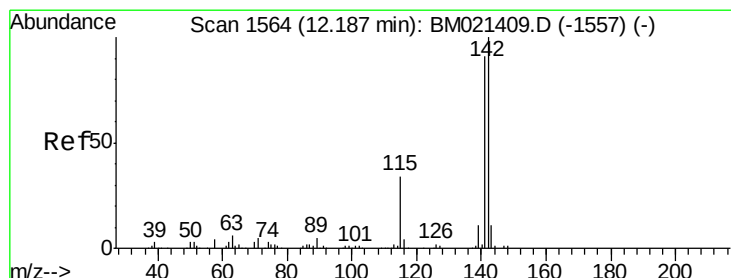
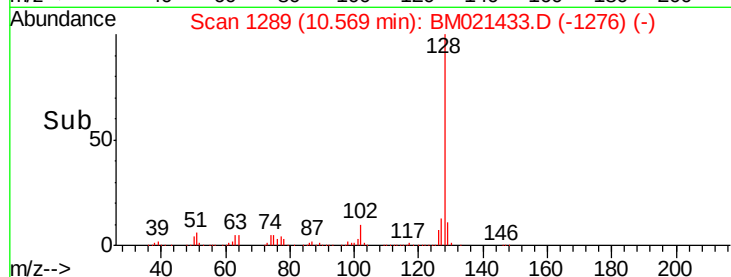
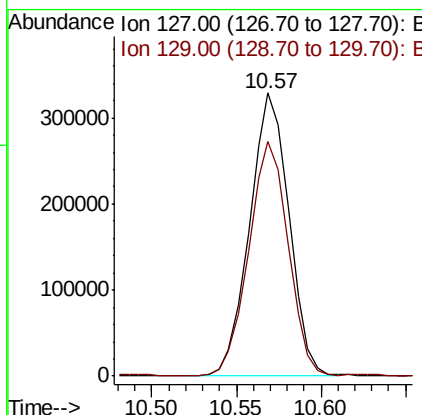
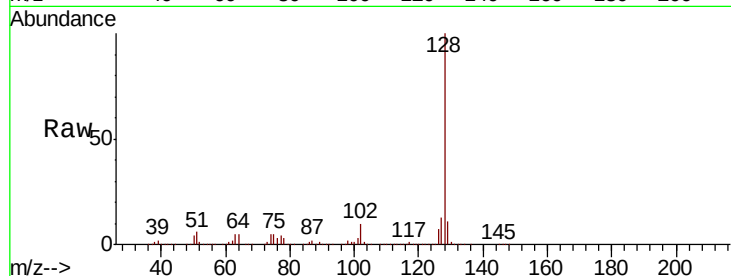




#30
4-Chloroaniline
Concen: 48.444 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.12 min
Lab File: BM021433.D
Acq: 11 Jul 2019 18:20

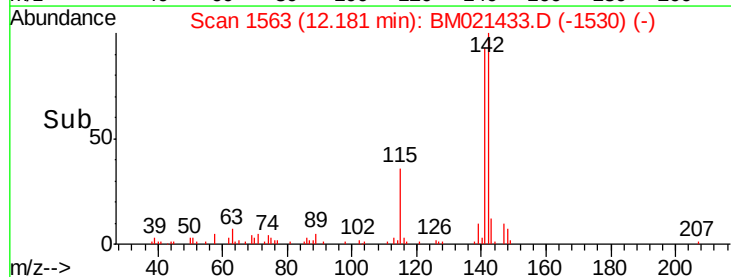
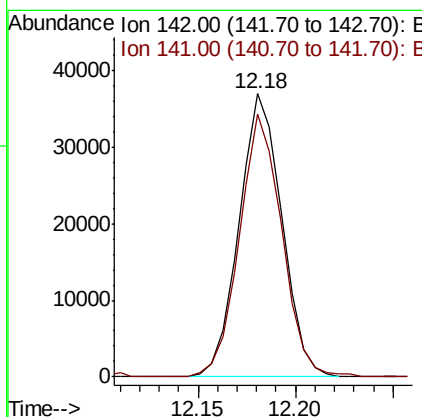
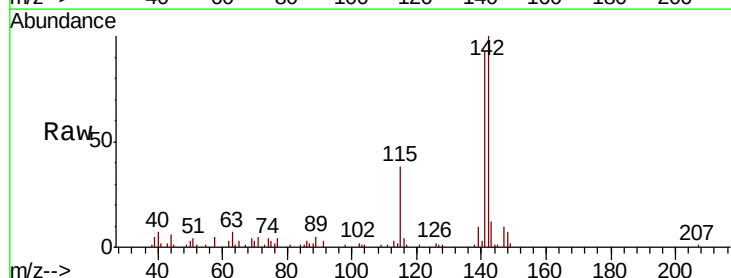
Instrument :
BNA_M
ClientSampleId :
BF4C4

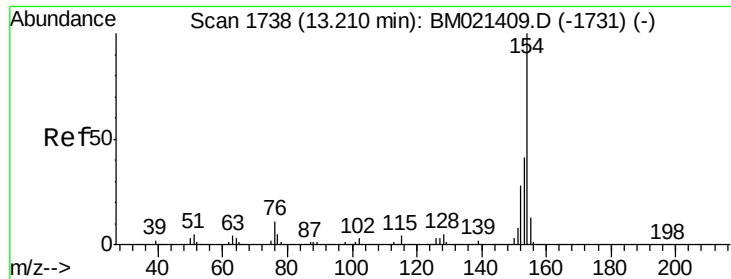
Tgt Ion:127 Resp: 534047
Ion Ratio Lower Upper
127 100
129 83.1 25.0 37.6#



#34
2-Methylnaphthalene
Concen: 2.130 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM021433.D
Acq: 11 Jul 2019 18:20

Tgt Ion:142 Resp: 56100
Ion Ratio Lower Upper
142 100
141 92.8 71.1 106.7

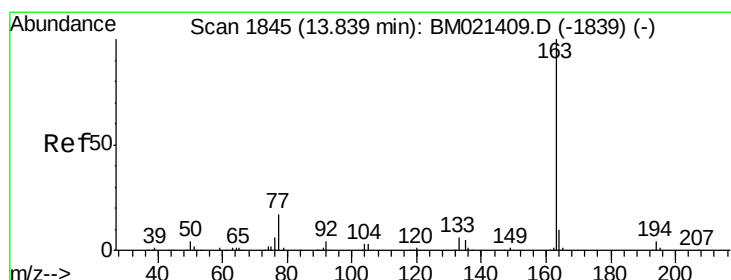
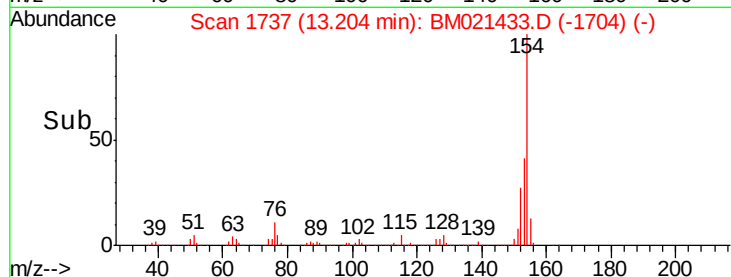
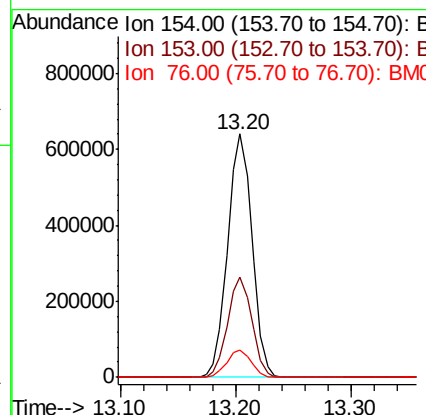
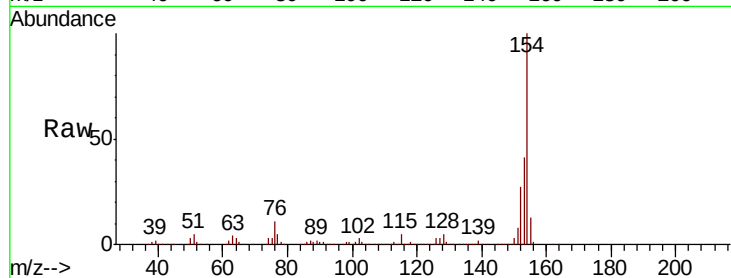




#40
 1,1'-Biphenyl
 Concen: 27.532 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM021433.D
 Acq: 11 Jul 2019 18:20

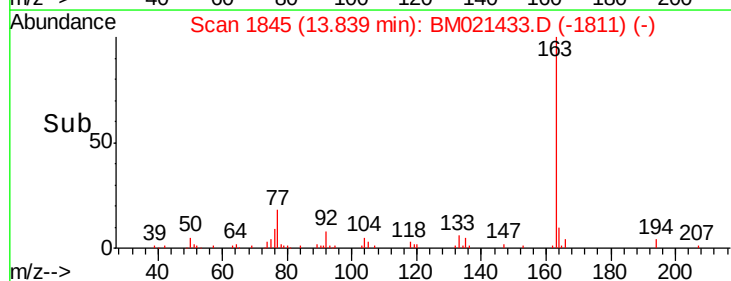
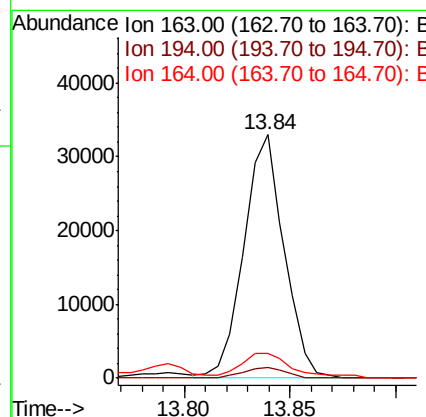
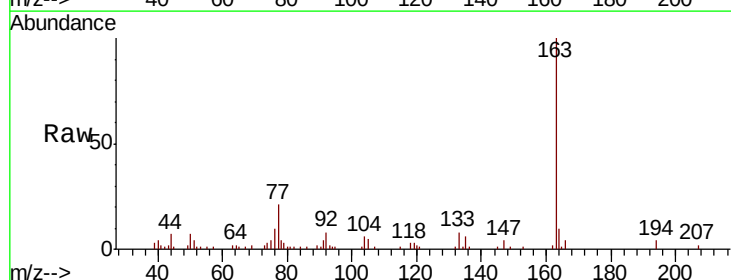
Instrument :
 BNA_M
 ClientSampleId :
 BF4C4

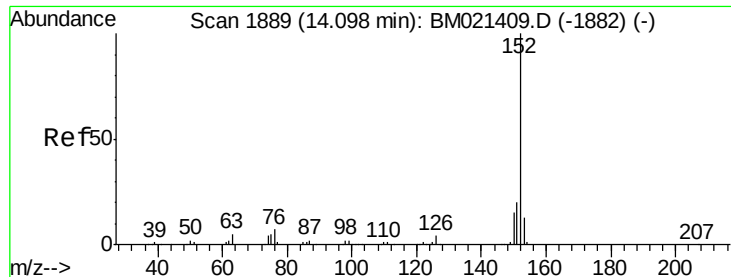
Tgt Ion:	154	Resp:	941370
Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.7	49.1
76	11.3	8.5	12.7



#44
 Dimethylphthalate
 Concen: 1.307 ng/ul
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BM021433.D
 Acq: 11 Jul 2019 18:20

Tgt Ion:	163	Resp:	43549
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.3	8.3	12.5





#47

Acenaphthylene

Concen: 3.284 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

BF4C4

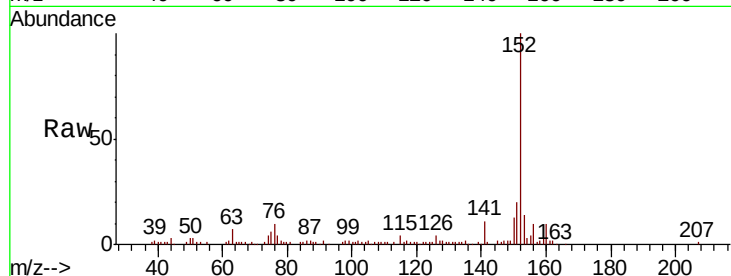
Tgt Ion:152 Resp: 128336

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.8 10.6 15.8

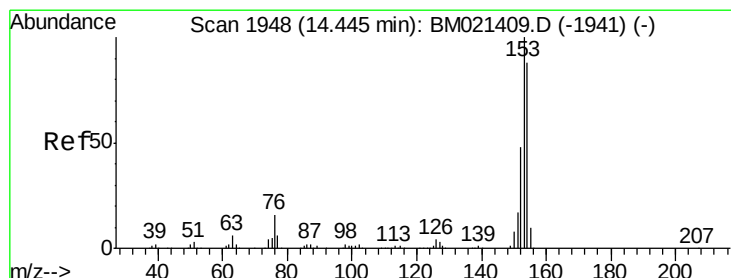
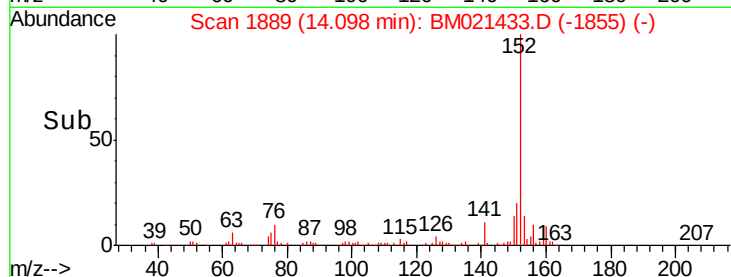
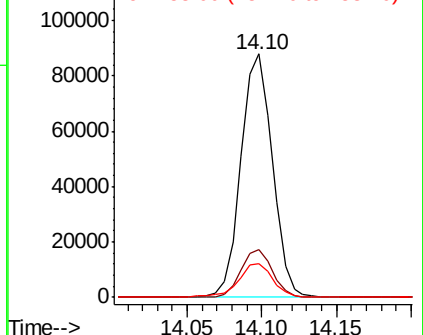


Abundance

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: 47.696 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

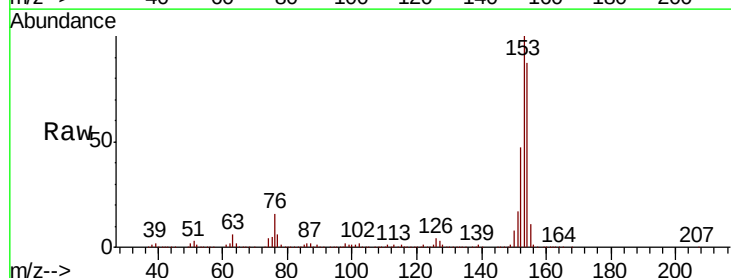
Tgt Ion:153 Resp: 1354550

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.4

154 86.8 70.0 105.0

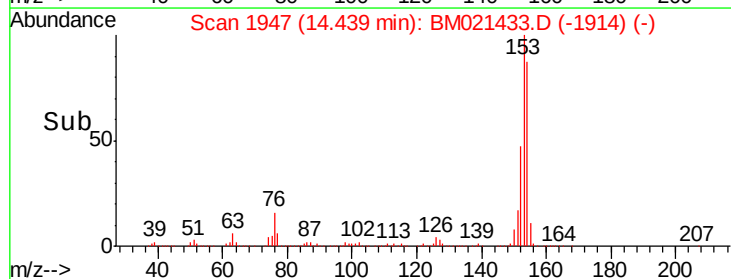
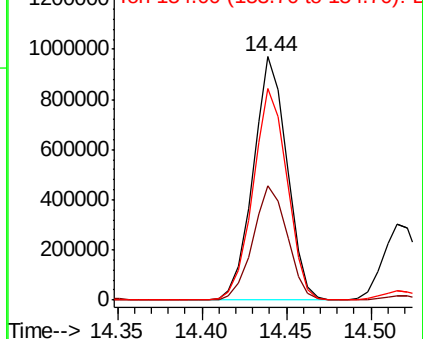


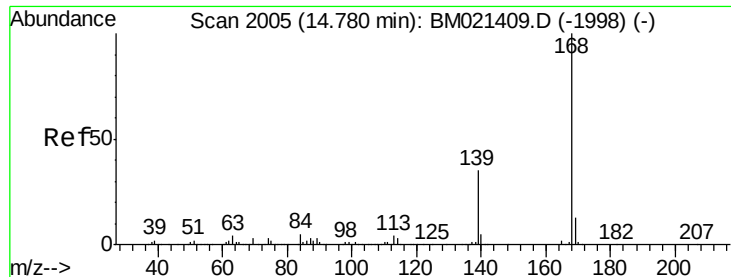
Abundance

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: 42.551 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

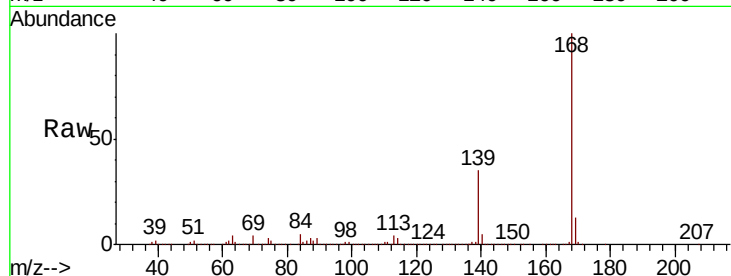
BF4C4

Tgt Ion:168 Resp: 1750528

Ion Ratio Lower Upper

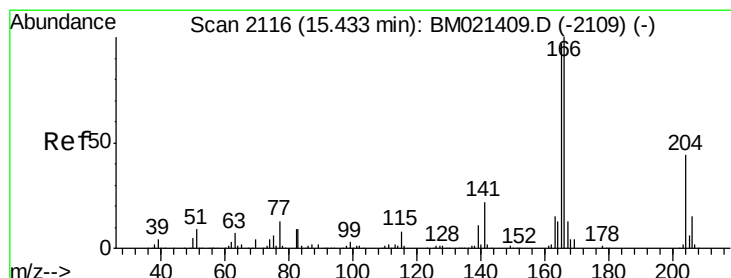
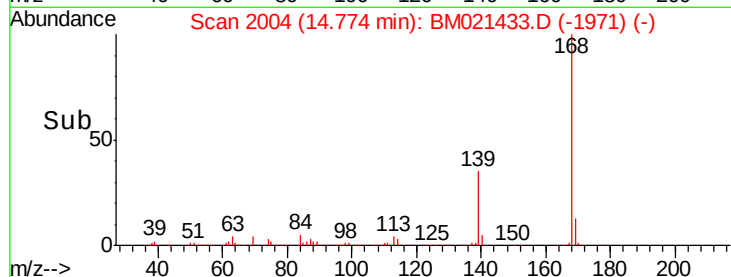
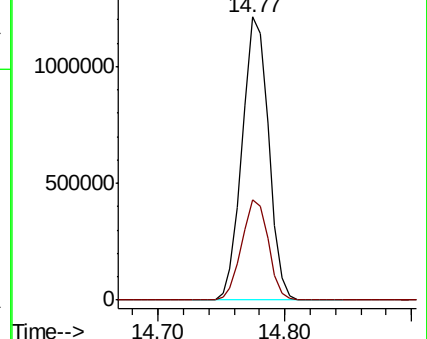
168 100

139 35.4 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: 3.153 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

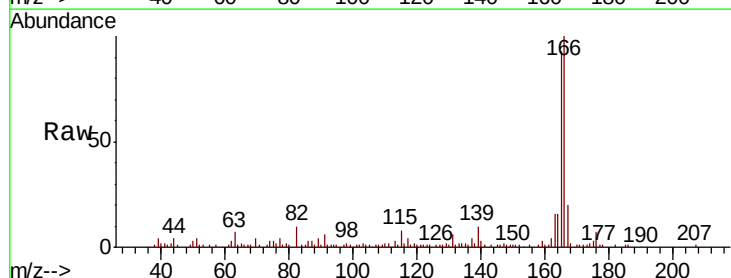
Tgt Ion:166 Resp: 104949

Ion Ratio Lower Upper

166 100

165 93.3 78.6 117.8

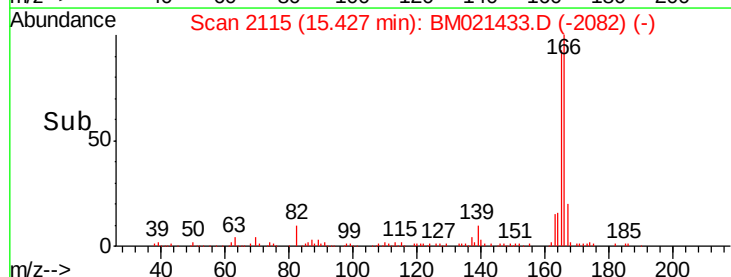
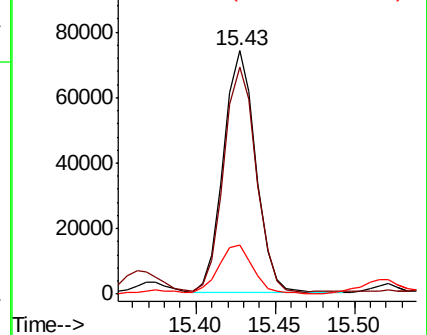
167 19.9 10.7 16.1#

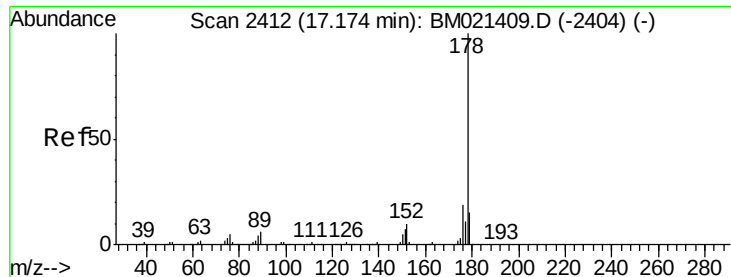


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 2.858 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

BF4C4

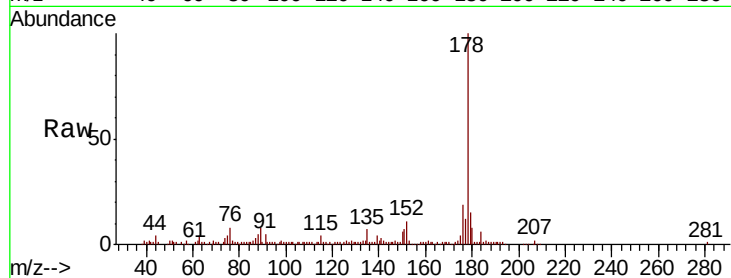
Tgt Ion:178 Resp: 157398

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

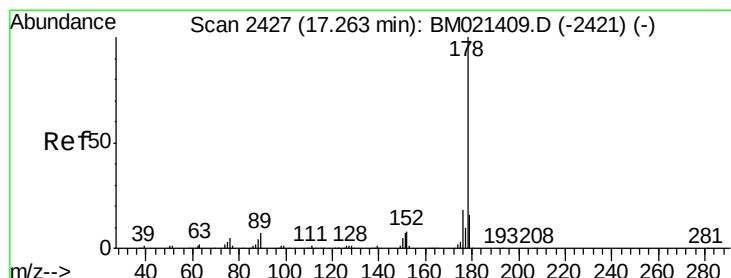
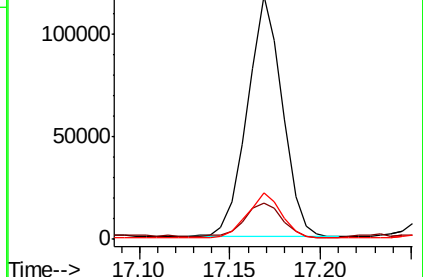
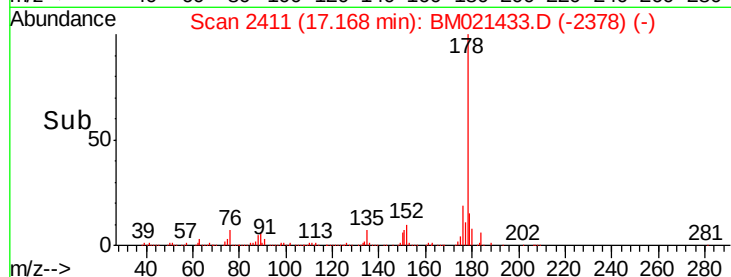
176 19.1 15.4 23.0



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: 2.808 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

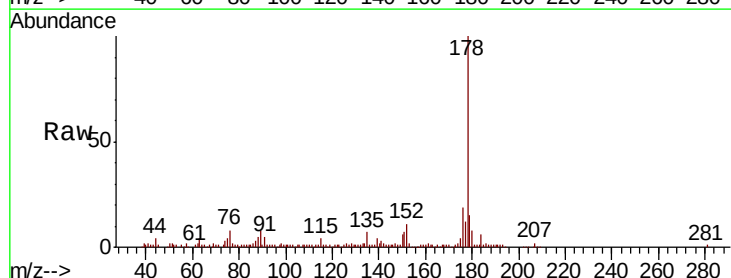
Tgt Ion:178 Resp: 157398

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

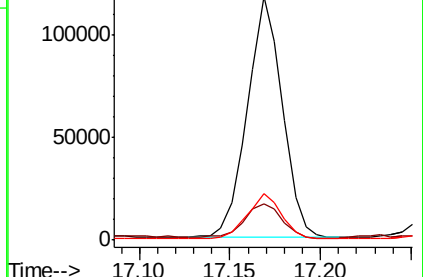
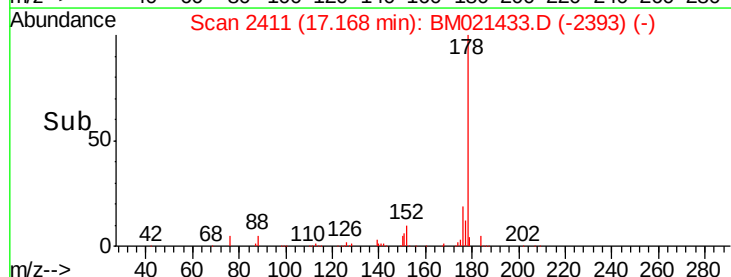
176 19.1 14.9 22.3

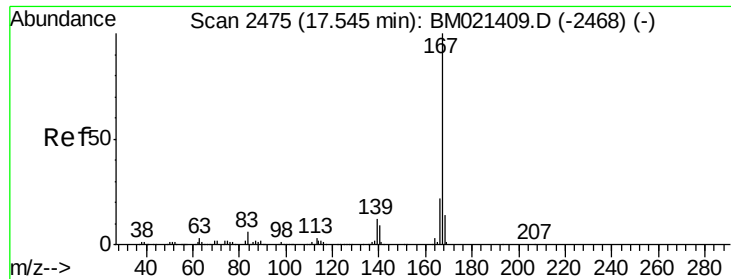


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 12.169 ng/ul

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BM021433.D

Acq: 11 Jul 2019 18:20

Instrument :

BNA_M

ClientSampleId :

BF4C4

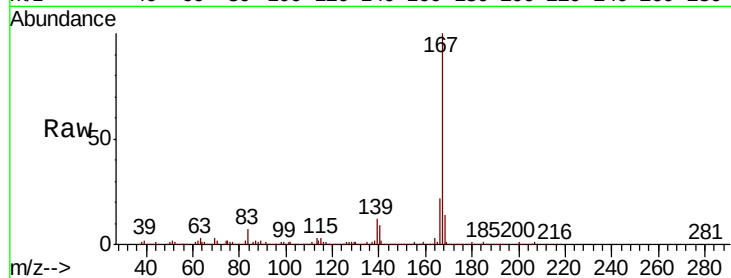
Tgt Ion:167 Resp: 566069

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.2 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

500000

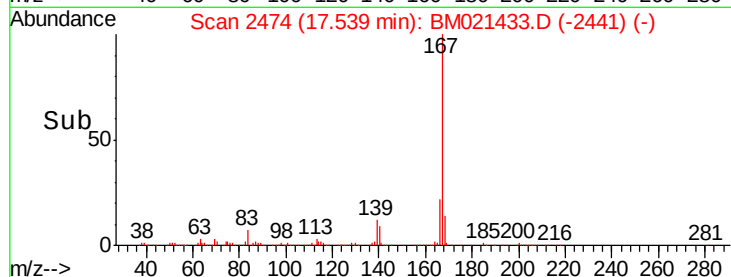
400000

300000

200000

100000

0



Time-->

17.50

17.60