

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010480.D
 Acq On : 10 Jun 2017 11:58
 Operator : SJ/MA
 Sample : I3521-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C36

Quant Time: Jun 12 04:16:02 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 04:15:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	149112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	545970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	379391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	926547	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1315656	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1331483	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14991	4.12	ng/uL	0.00
5) Phenol-d5	7.08	99	197104	17.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	124884	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	184472	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	148257	16.26	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	86366	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	108889	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	219668	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	134423	14.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	742010	23.54	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	819547	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	63451	13.45	ng/ul	0.00
57) Fluorene-d10	15.52	176	648287	23.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	114651	17.47	ng/ul	0.00
70) Anthracene-d10	17.38	188	1060147	23.51	ng/ul	0.00
76) Pyrene-d10	19.67	212	1415634	26.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1496262	24.14	ng/ul	0.00

Target Compounds

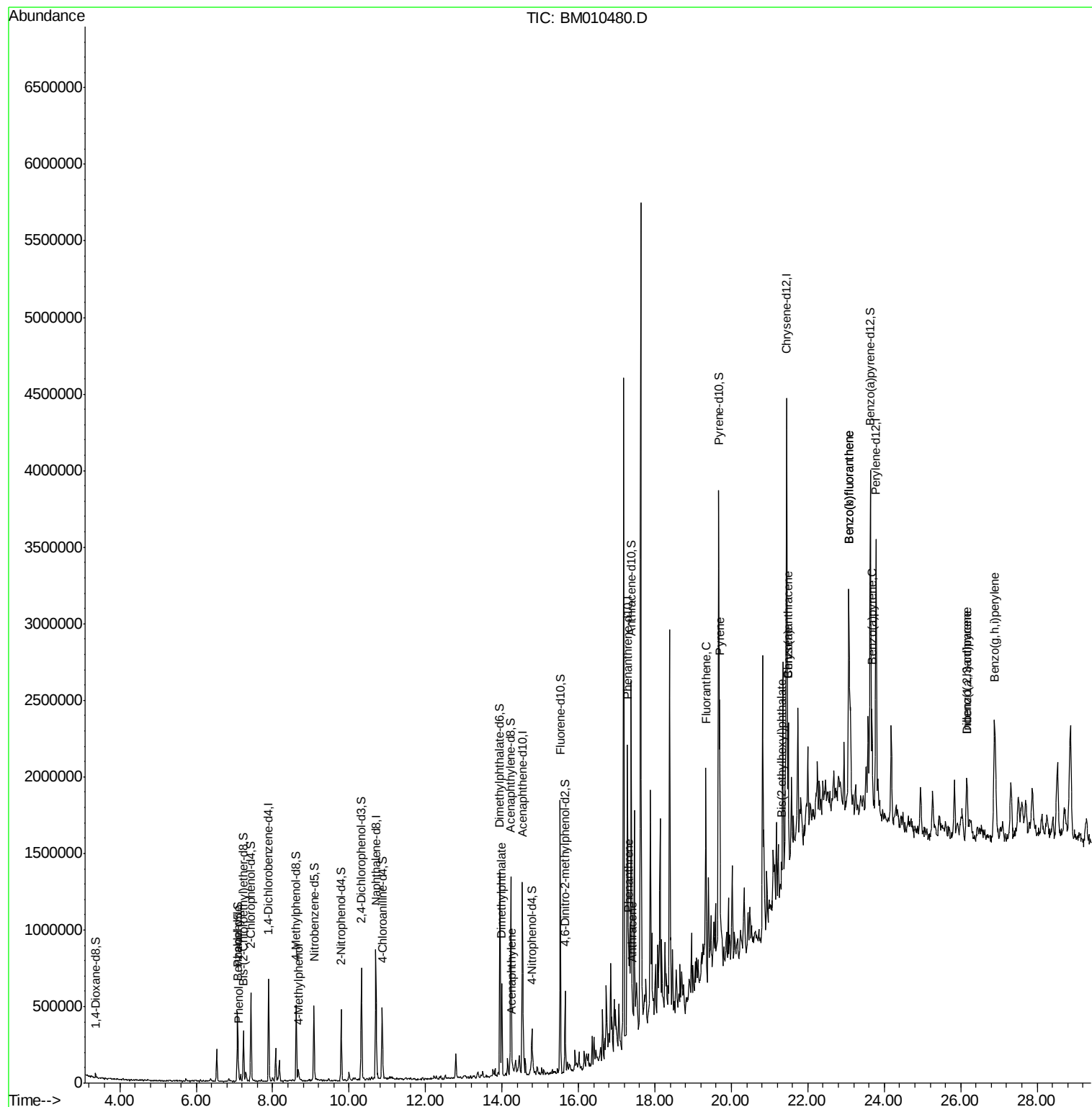
					Qvalue	
4) Benzaldehyde	7.07	77	7617	1.002	ng/ul#	68
6) Phenol	7.11	94	22090	1.907	ng/ul#	93
16) 4-Methylphenol	8.67	108	20504	2.211	ng/ul	87
44) Dimethylphthalate	13.99	163	320360	10.334	ng/ul	98
47) Acenaphthylene	14.26	152	38345	1.067	ng/ul#	89
69) Phenanthrene	17.32	178	164729	3.330	ng/ul	95
71) Anthracene	17.42	178	54181	1.049	ng/ul#	95
74) Fluoranthene	19.33	202	778121	12.792	ng/ul#	95
77) Pyrene	19.70	202	811245	11.966	ng/ul#	94
80) Benzo(a)anthracene	21.49	228	619096	8.345	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.32	149	59914	1.719	ng/ul#	94
82) Chrysene	21.49	228	619096	9.231	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1165682	15.046	ng/ul	99
86) Benzo(k)fluoranthene	23.07	252	1165682	15.749	ng/ul	97
88) Benzo(a)pyrene	23.68	252	523675	6.819	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	26.16	276	395443	4.076	ng/ul	97
90) Dibenzo(a,h)anthracene	26.16	278	101707	1.217	ng/ul#	85
91) Benzo(g,h,i)perylene	26.90	276	308021	3.853	ng/ul	99

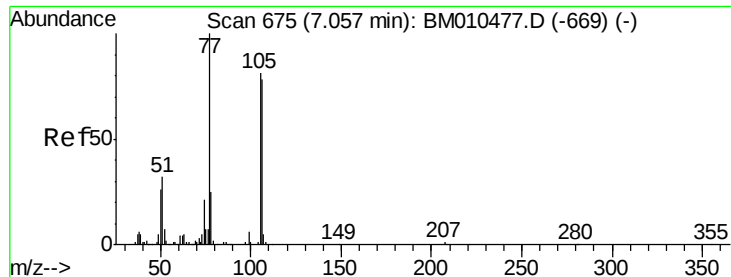
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.002 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

F5C36

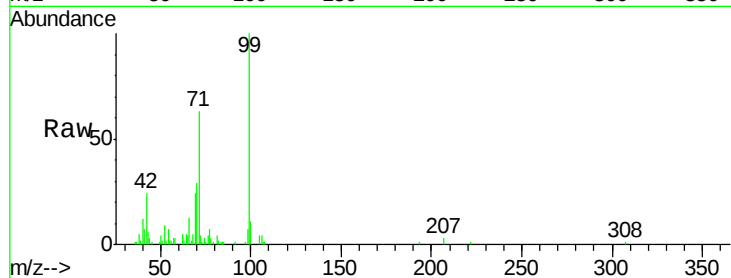
Tgt Ion: 77 Resp: 7617

Ion Ratio Lower Upper

77 100

105 55.8 66.1 99.1#

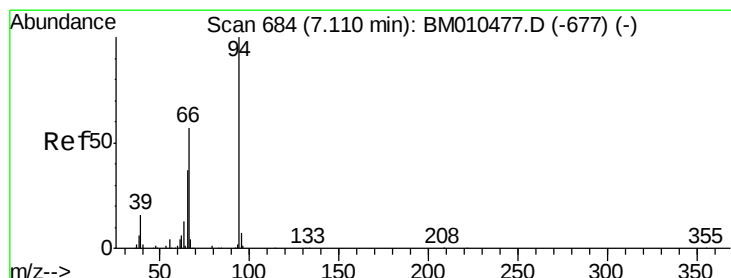
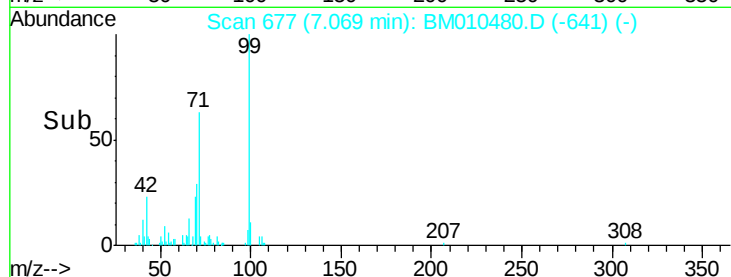
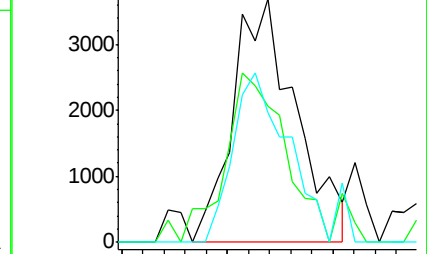
106 53.1 67.8 101.6#



Abundance Ion 77.00 (76.70 to 77.70): BM010477.D (-669) (-)

Ion 105.00 (104.70 to 105.70): BM010477.D (-669) (-)

Ion 106.00 (105.70 to 106.70): BM010477.D (-669) (-)



#6

Phenol

Concen: 1.907 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

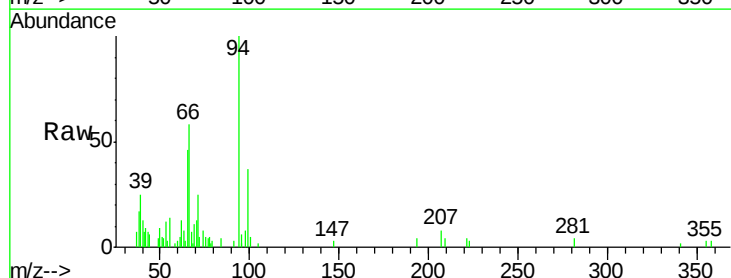
Tgt Ion: 94 Resp: 22090

Ion Ratio Lower Upper

94 100

65 45.7 28.2 42.4#

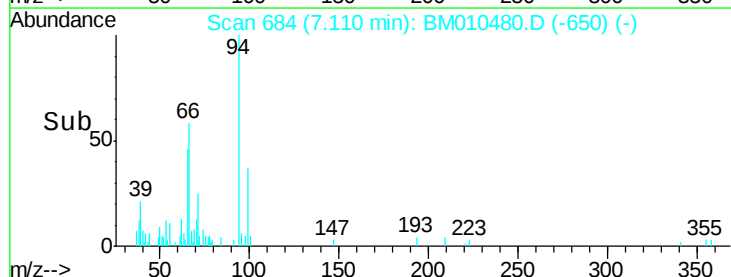
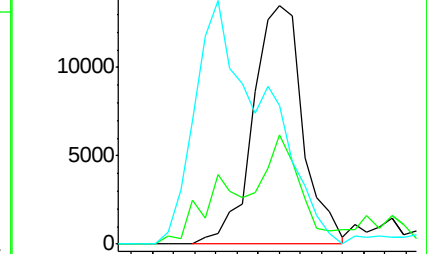
66 58.3 47.2 70.8

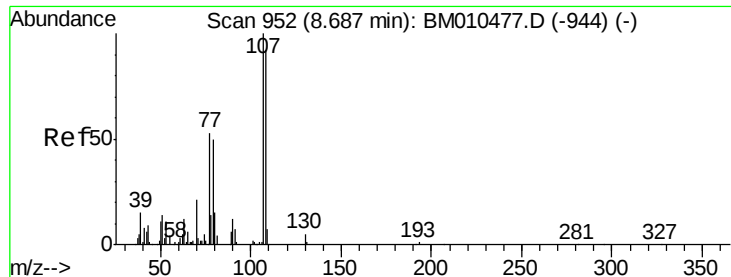


Abundance Ion 94.00 (93.70 to 94.70): BM010477.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010477.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010477.D (-677) (-)





#16

4-Methylphenol

Concen: 2.211 ng/ul

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

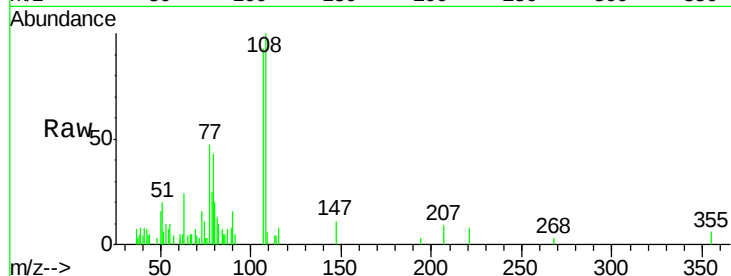
F5C36

Tgt Ion:108 Resp: 20504

Ion Ratio Lower Upper

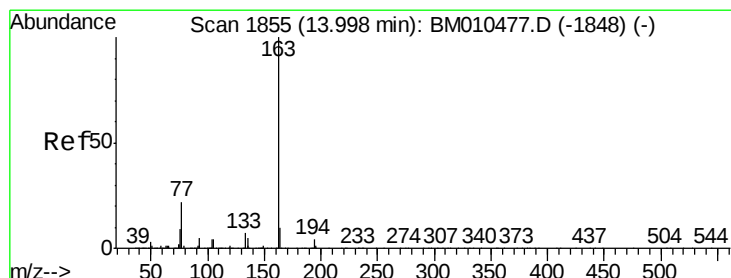
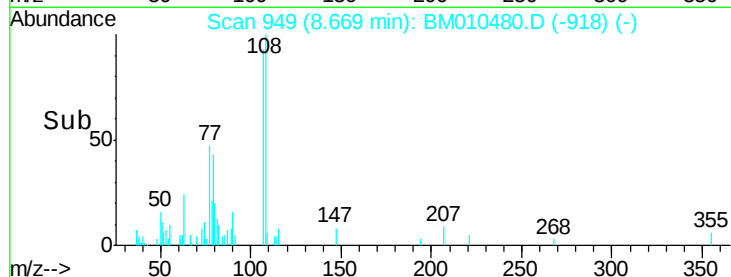
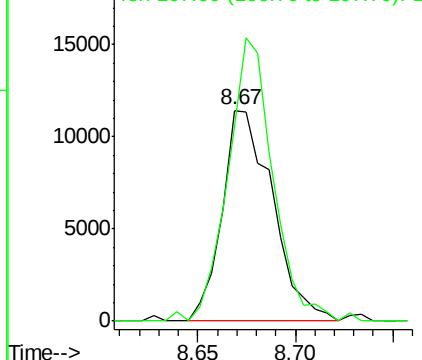
108 100

107 92.9 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#44

Dimethylphthalate

Concen: 10.334 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

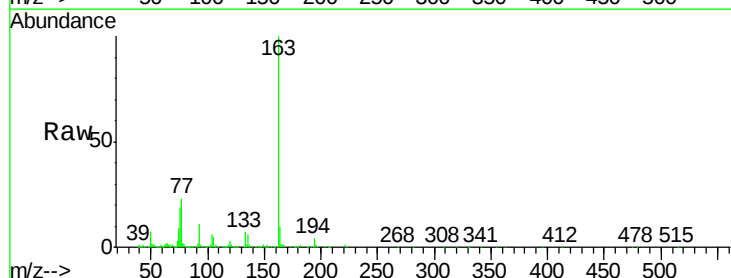
Tgt Ion:163 Resp: 320360

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

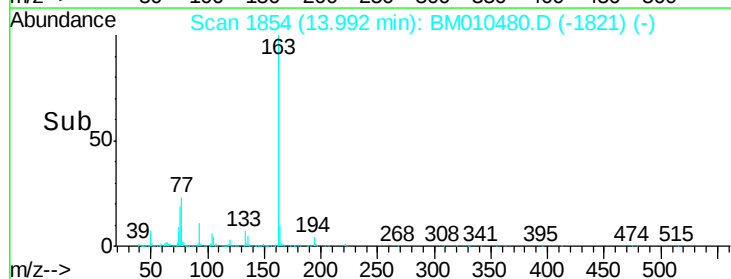
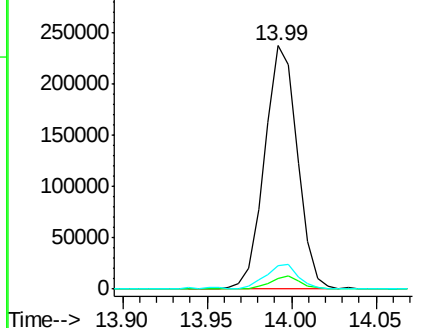
164 9.5 8.2 12.4

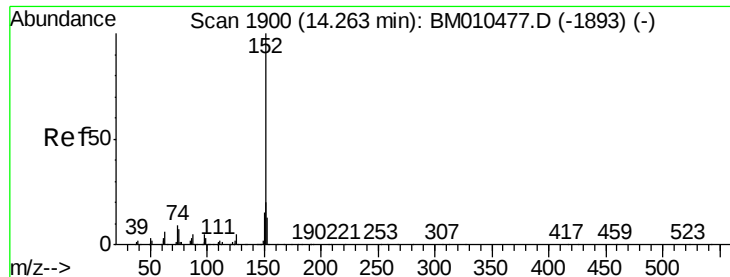


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 1.067 ng/ul

RT: 14.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

F5C36

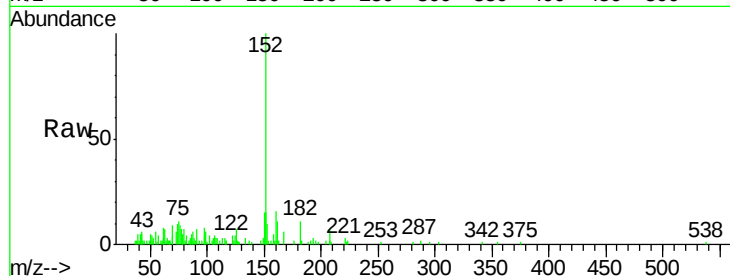
Tgt Ion:152 Resp: 38345

Ion Ratio Lower Upper

152 100

151 14.8 16.3 24.5#

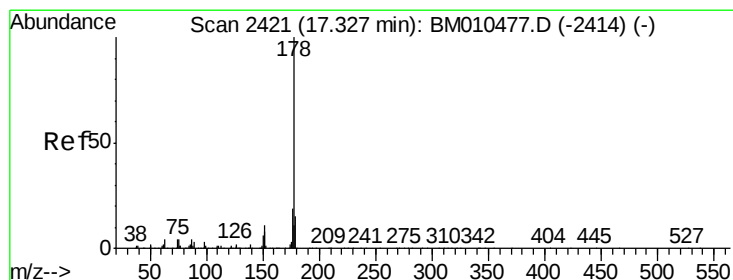
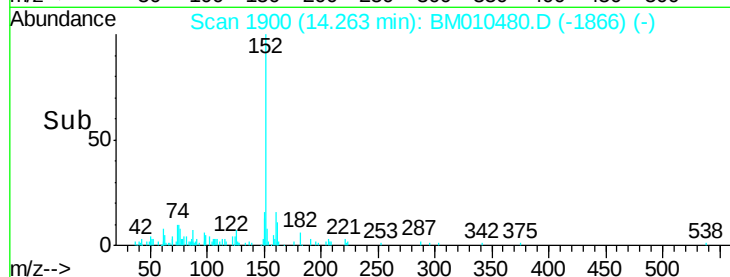
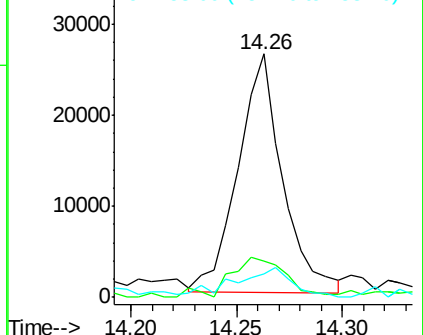
153 9.7 10.2 15.4#



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



#69

Phenanthrene

Concen: 3.330 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

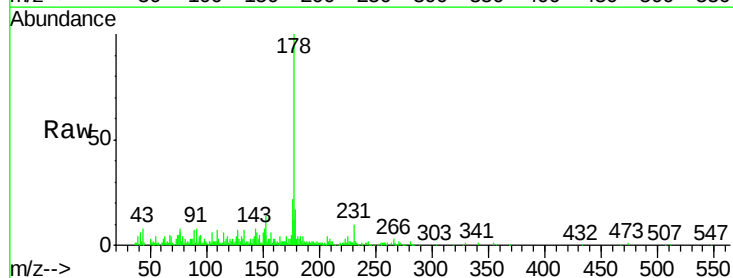
Tgt Ion:178 Resp: 164729

Ion Ratio Lower Upper

178 100

179 16.8 12.6 19.0

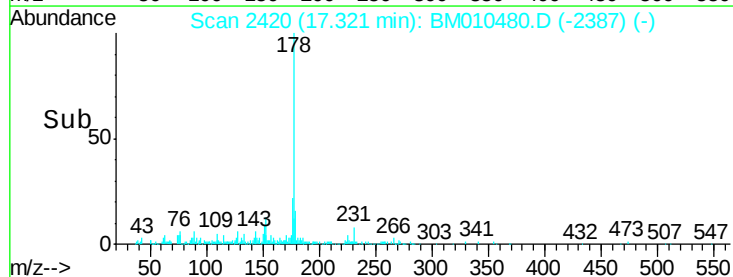
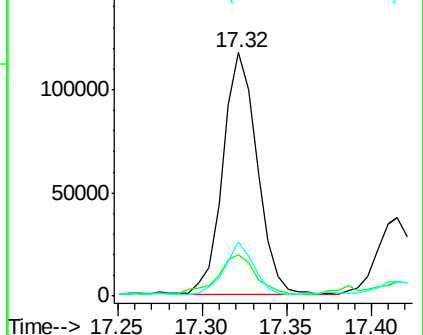
176 22.1 14.9 22.3

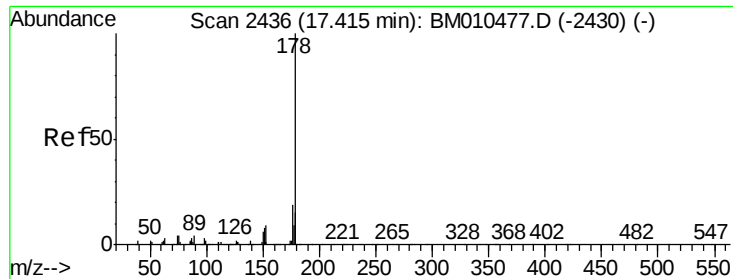


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

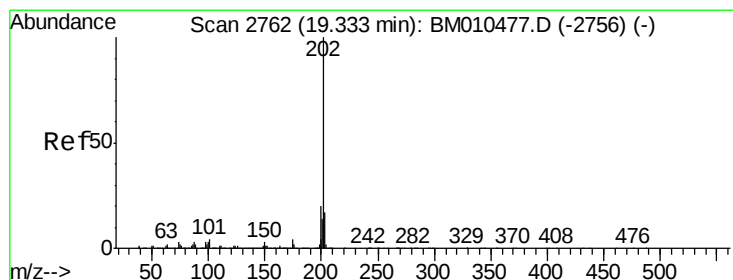
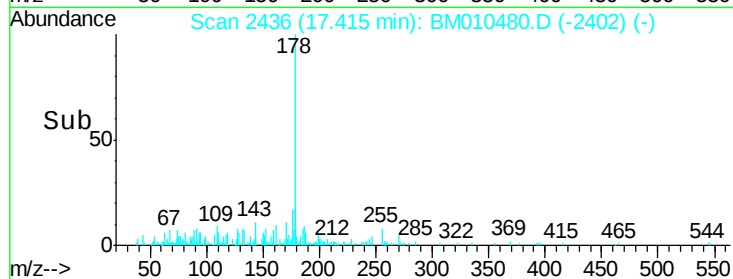
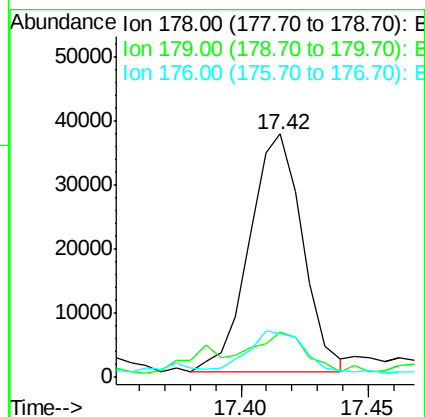
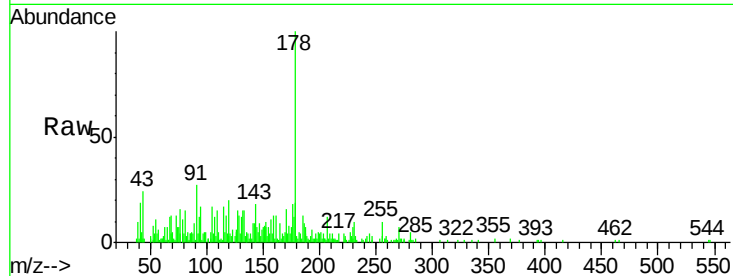




#71
 Anthracene
 Concen: 1.049 ng/ul
 RT: 17.42 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BM010480.D
 Acq: 10 Jun 2017 11:58

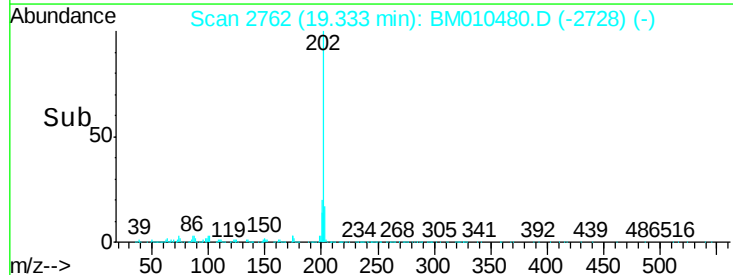
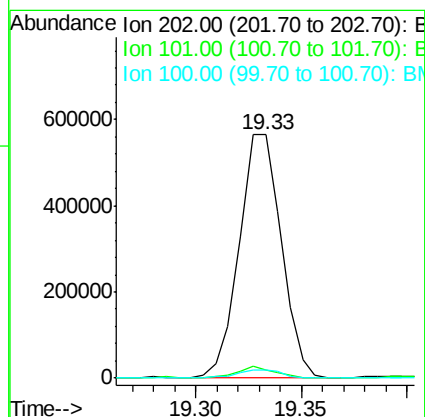
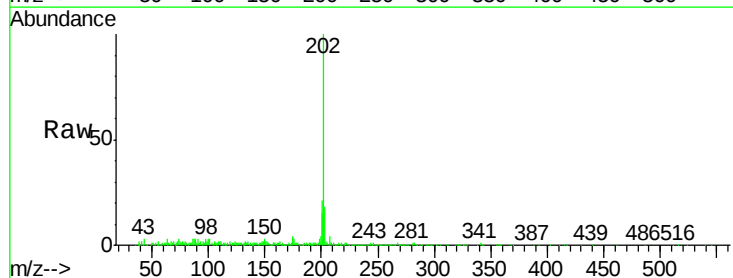
Instrument :
 BNA_M
 ClientSampleId :
 F5C36

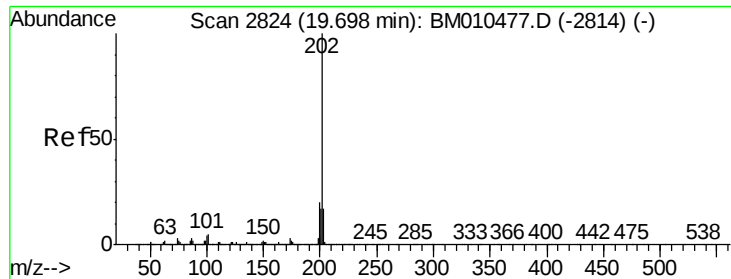
Tgt Ion:178 Resp: 54181
 Ion Ratio Lower Upper
 178 100
 179 18.8 11.7 17.5#
 176 18.2 14.6 21.8



#74
 Fluoranthene
 Concen: 12.792 ng/ul
 RT: 19.33 min Scan# 2762
 Delta R.T. 0.00 min
 Lab File: BM010480.D
 Acq: 10 Jun 2017 11:58

Tgt Ion:202 Resp: 778121
 Ion Ratio Lower Upper
 202 100
 101 3.4 4.6 7.0#
 100 3.4 3.4 5.2#





#77

Pyrene

Concen: 11.966 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

F5C36

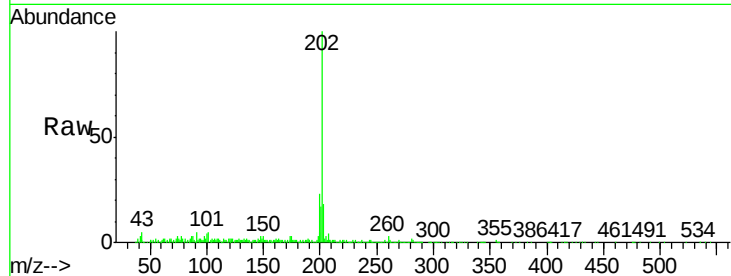
Tgt Ion:202 Resp: 811245

Ion Ratio Lower Upper

202 100

101 4.7 5.1 7.7#

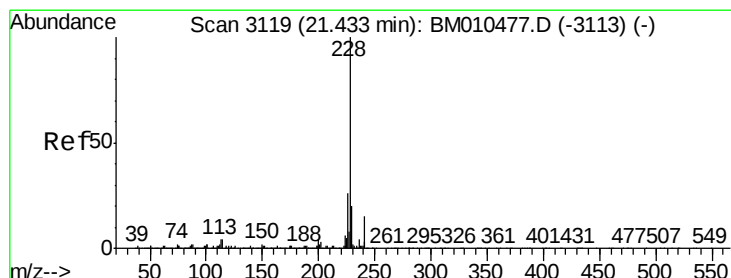
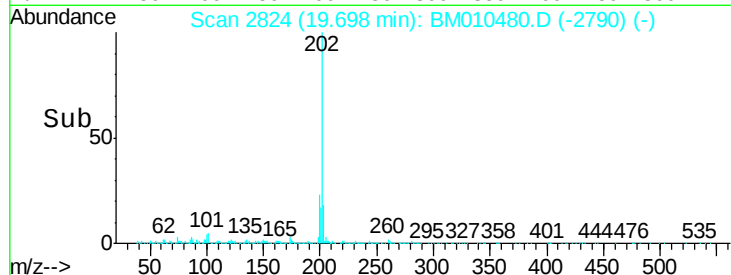
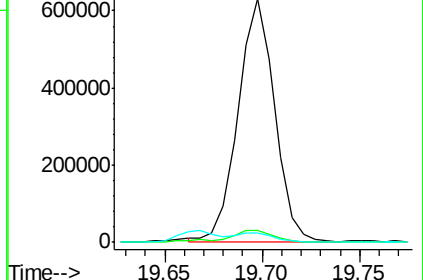
100 4.0 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 8.345 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. 0.05 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

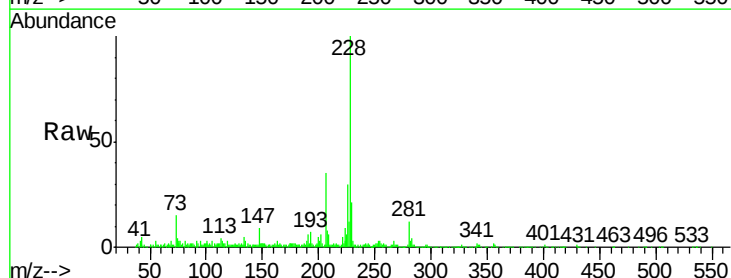
Tgt Ion:228 Resp: 619096

Ion Ratio Lower Upper

228 100

229 21.4 15.4 23.0

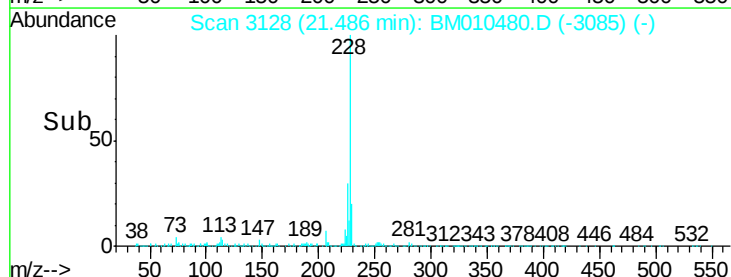
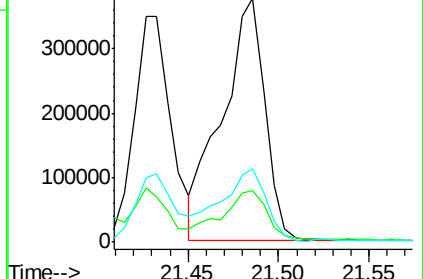
226 30.3 21.4 32.0

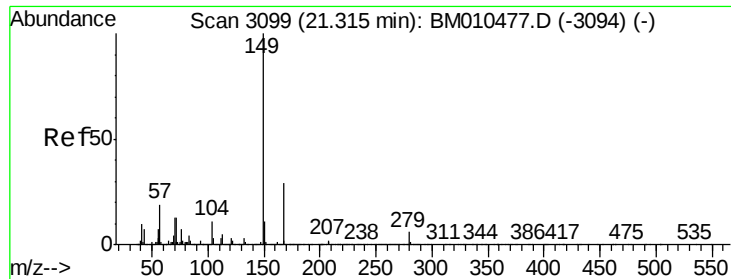


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

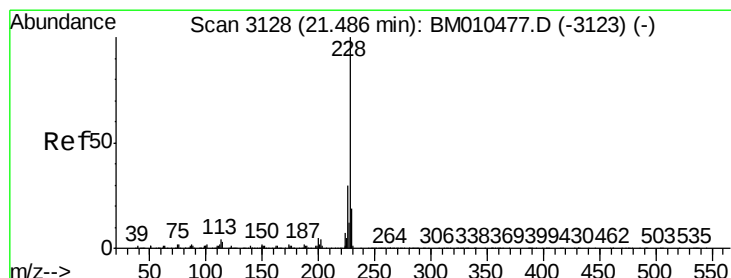
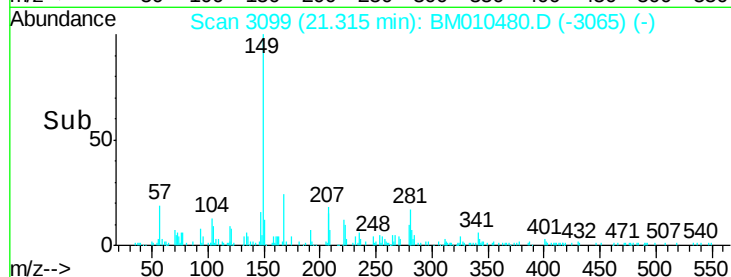
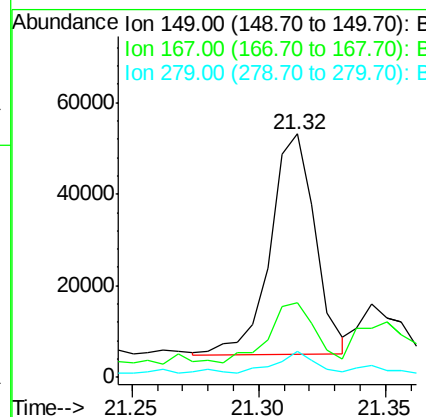
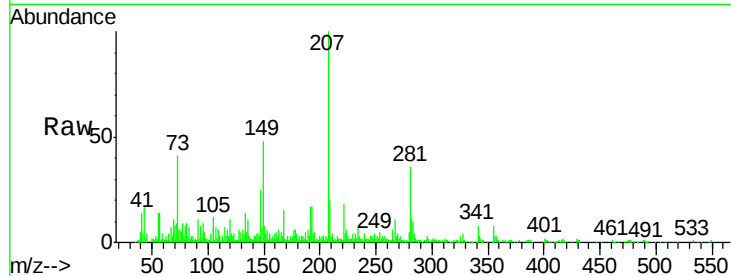




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.719 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM010480.D
 Acq: 10 Jun 2017 11:58

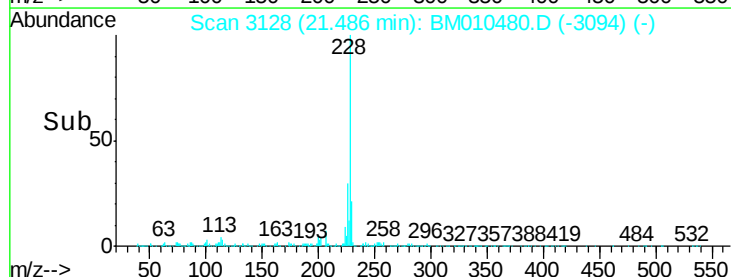
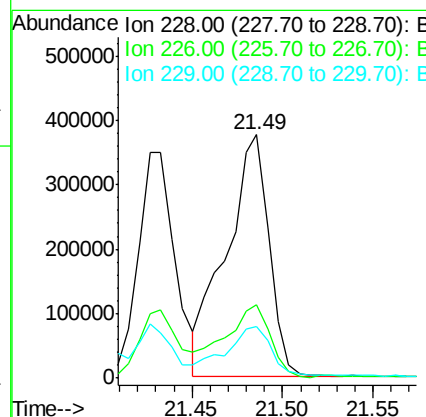
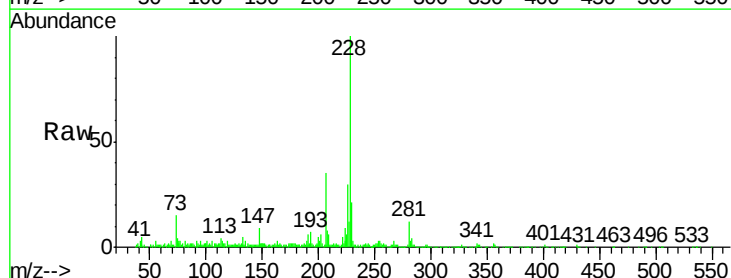
Instrument :
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 F5C36

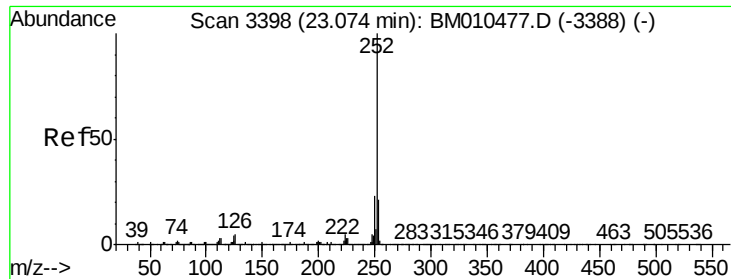
Tgt Ion:149 Resp: 59914
 Ion Ratio Lower Upper
 149 100
 167 30.8 22.8 34.2
 279 10.9 4.9 7.3#



#82
 Chrysene
 Concen: 9.231 ng/ul
 RT: 21.49 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: BM010480.D
 Acq: 10 Jun 2017 11:58

Tgt Ion:228 Resp: 619096
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.2
 229 21.4 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 15.046 ng/u1

RT: 23.07 min Scan# 3398

Delta R.T. 0.00 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

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ClientSampleId :

F5C36

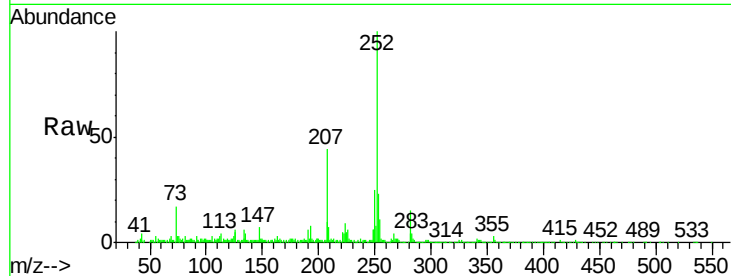
Tgt Ion:252 Resp: 1165682

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

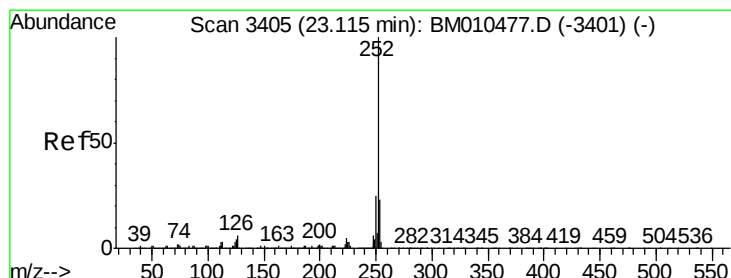
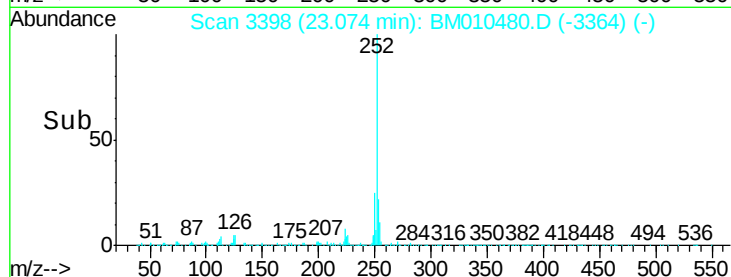
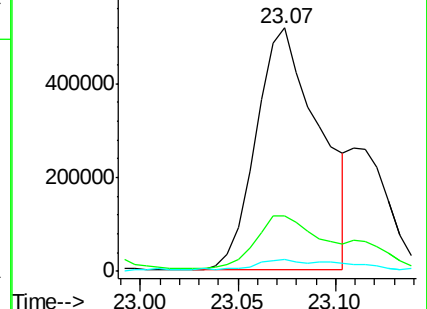
125 4.9 3.6 5.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 15.749 ng/u1

RT: 23.07 min Scan# 3398

Delta R.T. -0.04 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

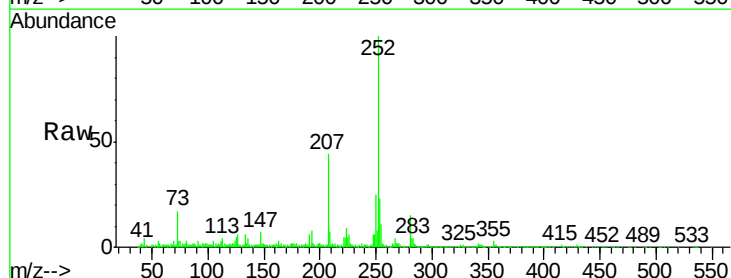
Tgt Ion:252 Resp: 1165682

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

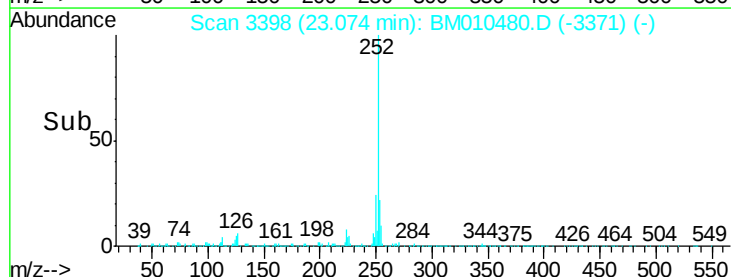
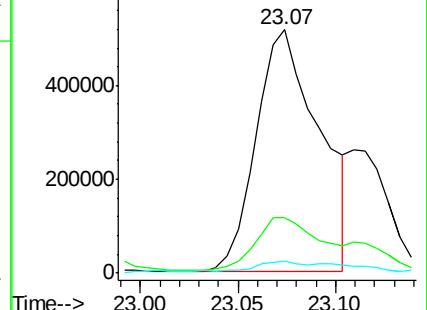
125 4.9 3.4 5.2

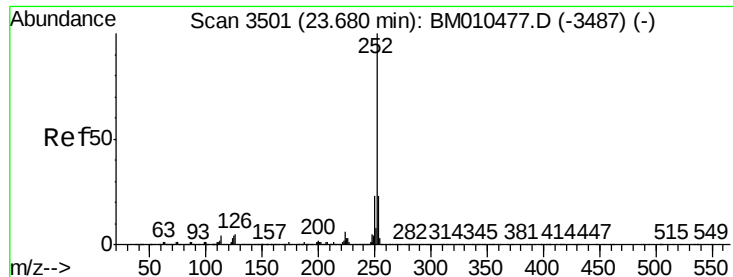


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 6.819 ng/ul

RT: 23.68 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

F5C36

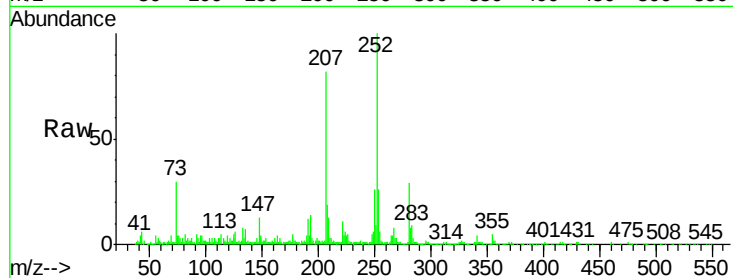
Tgt Ion:252 Resp: 523675

Ion Ratio Lower Upper

252 100

253 25.6 18.2 27.2

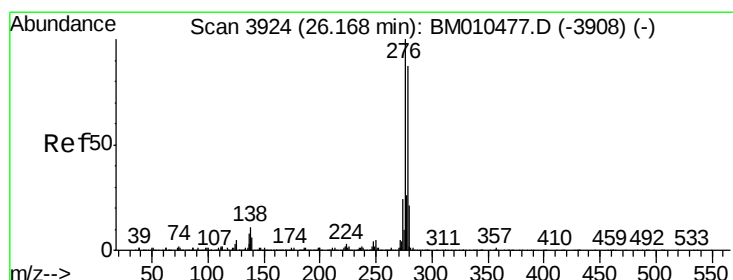
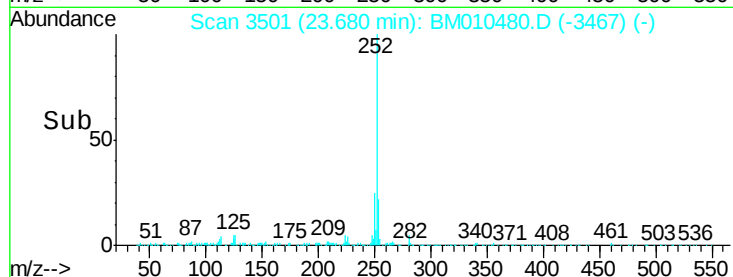
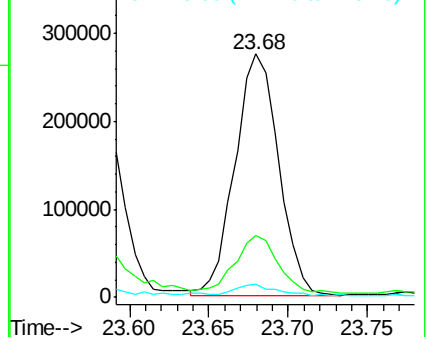
125 5.2 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.076 ng/ul

RT: 26.16 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

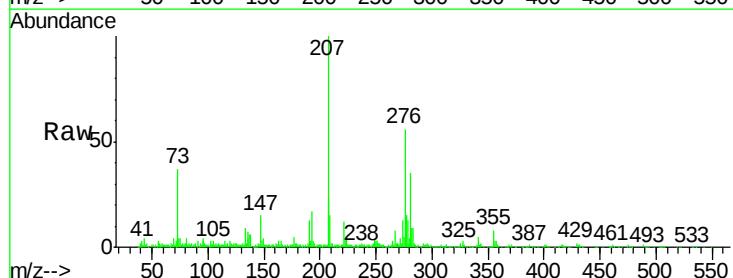
Tgt Ion:276 Resp: 395443

Ion Ratio Lower Upper

276 100

138 11.0 9.3 13.9

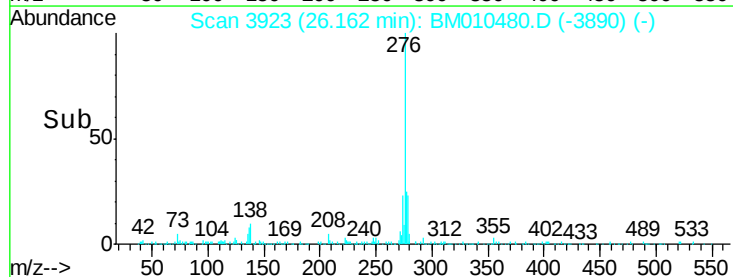
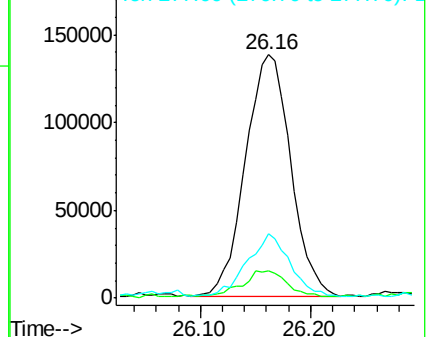
277 26.7 19.9 29.9

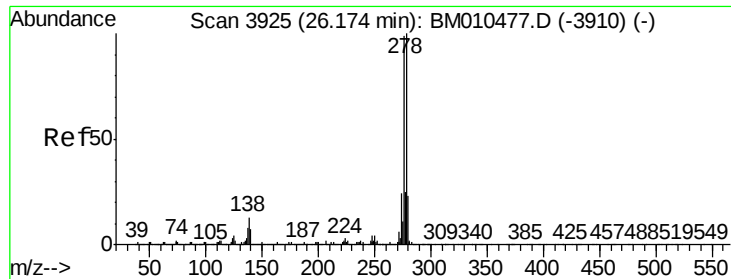


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.217 ng/ul

RT: 26.16 min Scan# 3923

Delta R.T. -0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Instrument :

BNA_M

ClientSampleId :

F5C36

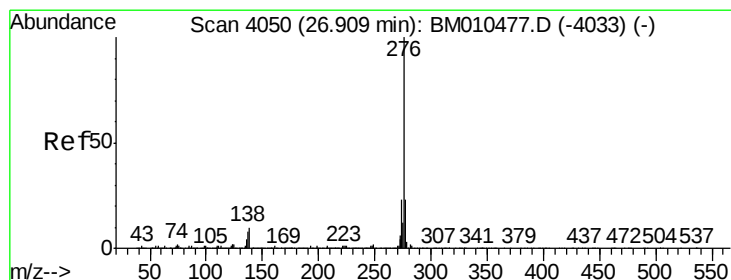
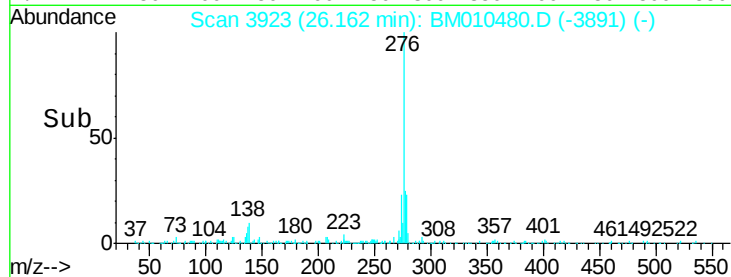
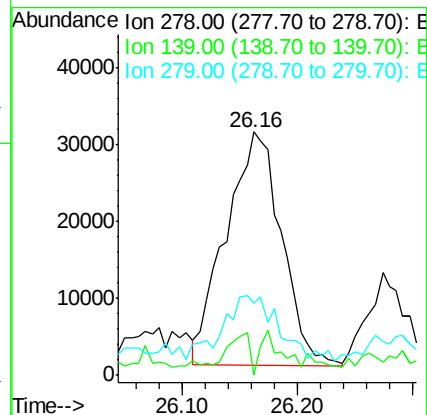
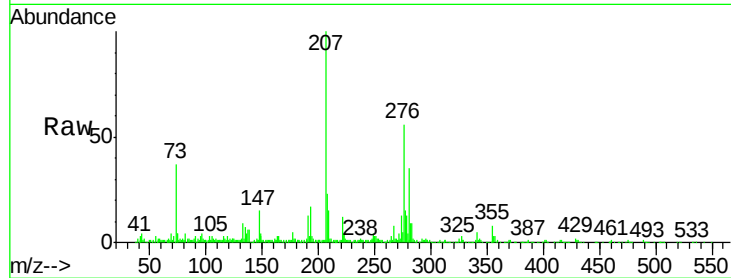
Tgt Ion:278 Resp: 101707

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

279 29.7 18.6 27.8#



#91

Benzo(g,h,i)perylene

Concen: 3.853 ng/ul

RT: 26.90 min Scan# 4049

Delta R.T. -0.01 min

Lab File: BM010480.D

Acq: 10 Jun 2017 11:58

Tgt Ion:276 Resp: 308021

Ion Ratio Lower Upper

276 100

138 11.8 8.5 12.7

277 23.3 18.6 28.0

