

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010493.D
 Acq On : 10 Jun 2017 19:46
 Operator : SJ/MA
 Sample : I3522-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C34

Quant Time: Jun 12 06:59:35 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	7.89	152	166968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	601610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	409743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1023527	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1428974	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1484596	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14879	3.66	ng/uL	0.00
5) Phenol-d5	7.08	99	242610	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	140460	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	209231	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	207053	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	97819	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	129100	25.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	254104	24.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	261273	25.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	860189	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	929360	23.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	104357	20.49	ng/ul	0.00
57) Fluorene-d10	15.52	176	743820	24.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	148802	20.52	ng/ul	0.00
70) Anthracene-d10	17.38	188	1249659	25.09	ng/ul	0.00
76) Pyrene-d10	19.67	212	1596989	27.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1785660	25.83	ng/ul	0.00

Target Compounds

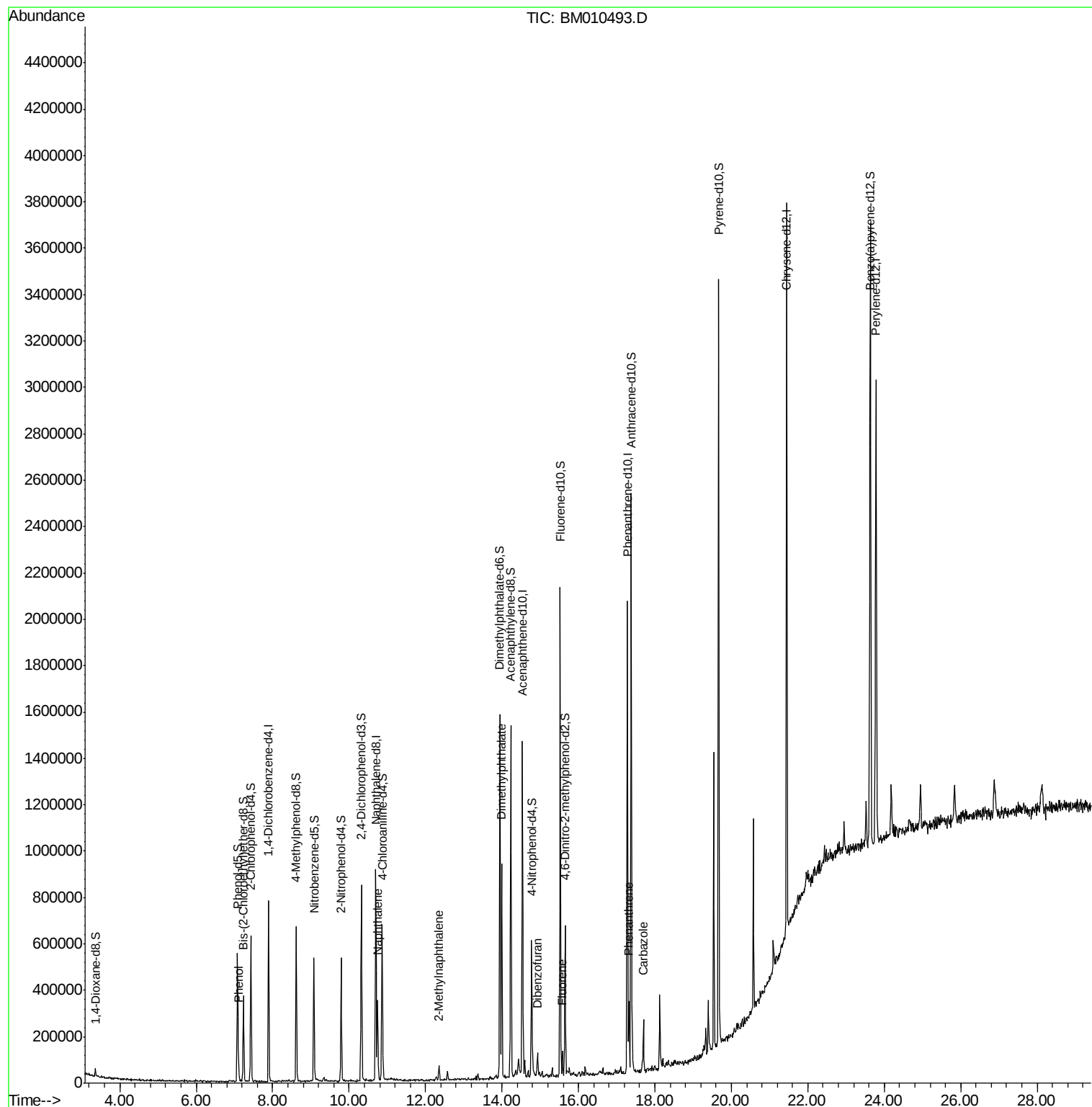
					Qvalue	
6) Phenol	7.10	94	23070	1.779	ng/ul#	79
28) Naphthalene	10.75	128	228818	7.583	ng/ul	98
34) 2-Methylnaphthalene	12.35	142	24071	1.052	ng/ul#	78
44) Dimethylphthalate	13.99	163	462438	13.812	ng/ul	98
53) Dibenzofuran	14.93	168	48438	1.203	ng/ul	99
58) Fluorene	15.58	166	40495	1.227	ng/ul	93
69) Phenanthrene	17.32	178	172320	3.154	ng/ul	97
72) Carbazole	17.70	167	121253	2.511	ng/ul	95

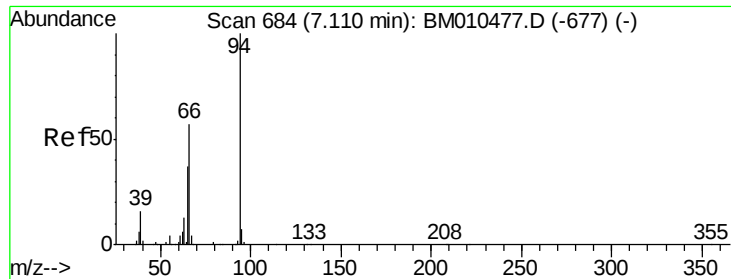
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.779 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

Instrument :

BNA_M

ClientSampled :

F5C34

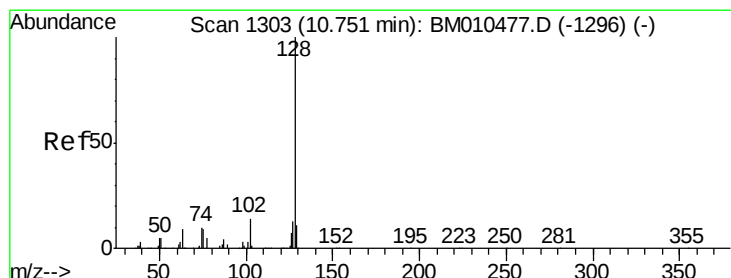
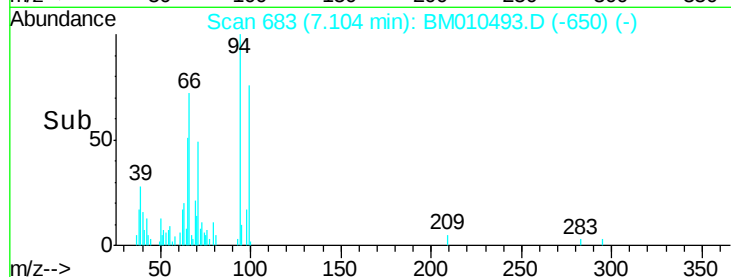
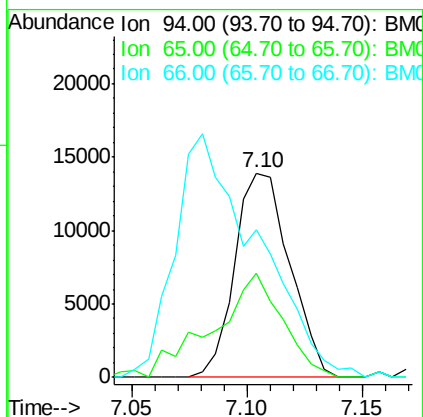
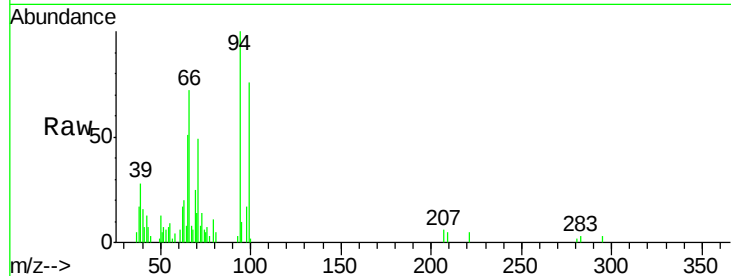
Tgt Ion: 94 Resp: 23070

Ion Ratio Lower Upper

94 100

65 50.8 28.2 42.4#

66 72.0 47.2 70.8#



#28

Naphthalene

Concen: 7.583 ng/ul

RT: 10.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

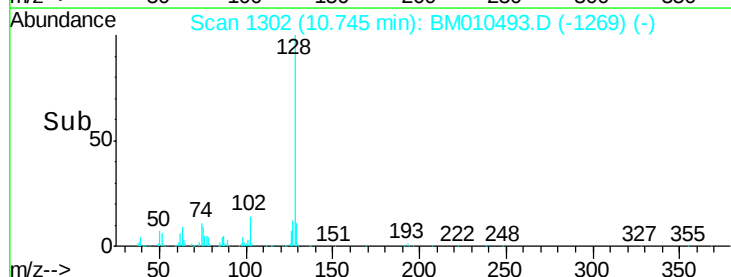
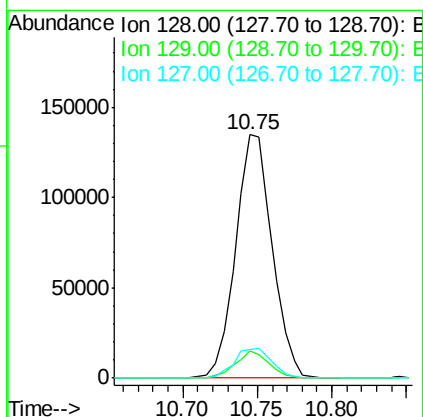
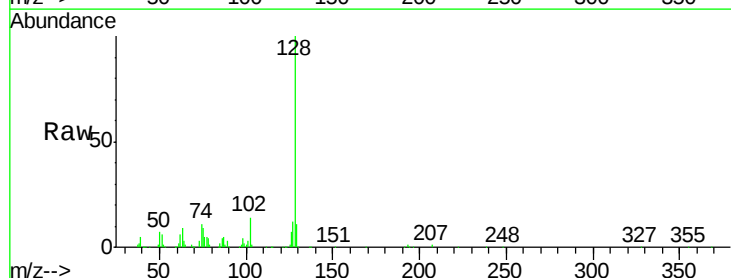
Tgt Ion: 128 Resp: 228818

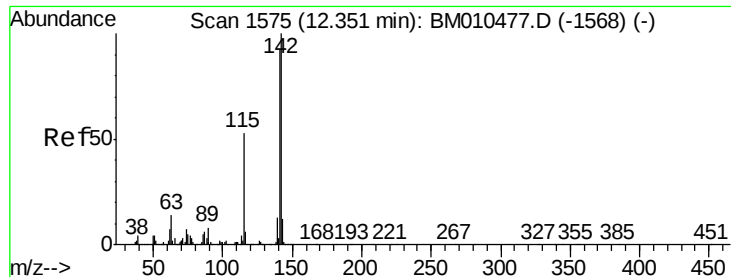
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 11.9 10.6 16.0

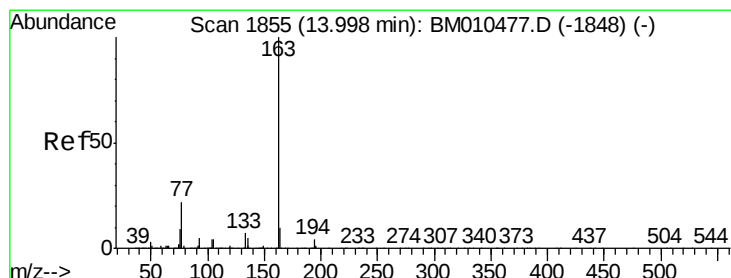
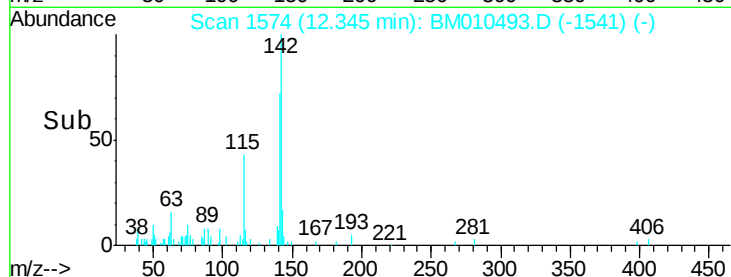
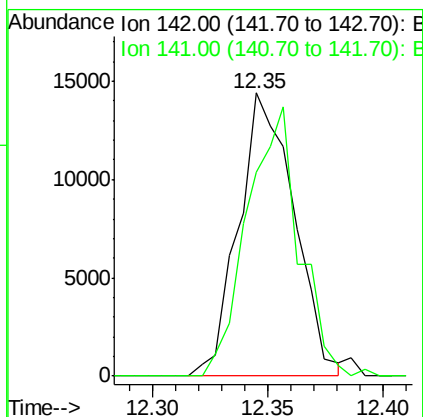
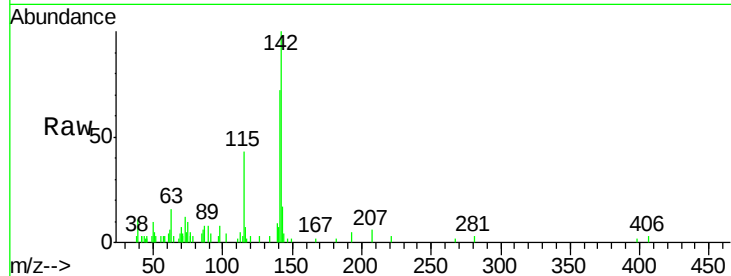




#34
2-Methylnaphthalene
Concen: 1.052 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM010493.D
Acq: 10 Jun 2017 19:46

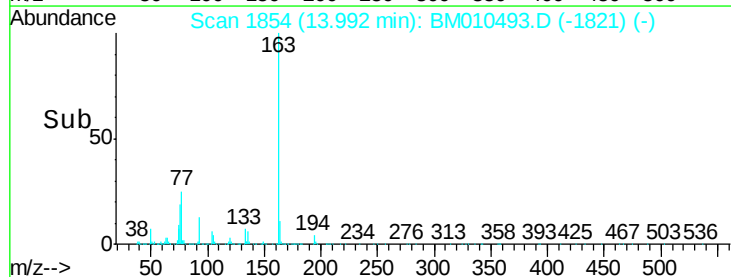
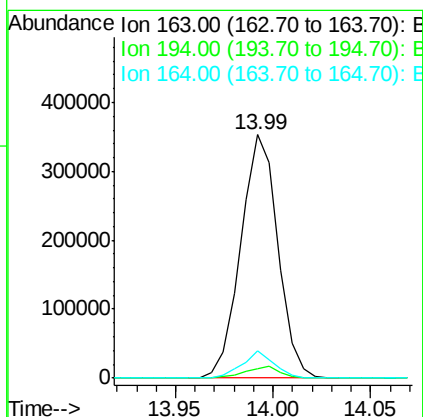
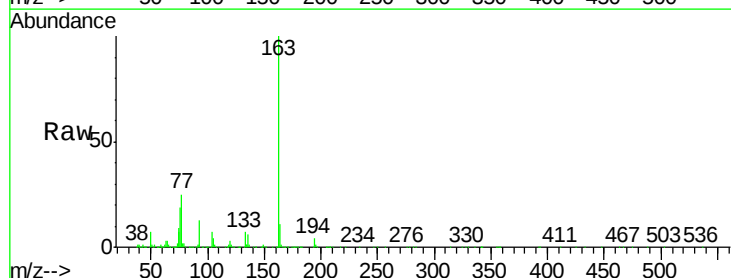
Instrument :
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ClientSampleId :
F5C34

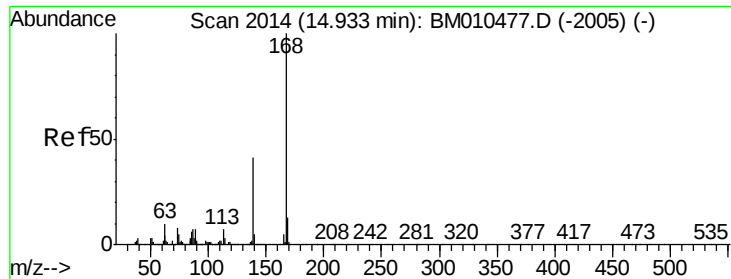
Tgt Ion:142 Resp: 24071
Ion Ratio Lower Upper
142 100
141 71.9 74.1 111.1#



#44
Dimethylphthalate
Concen: 13.812 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM010493.D
Acq: 10 Jun 2017 19:46

Tgt Ion:163 Resp: 462438
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 11.0 8.2 12.4





#53

Dibenzenofuran

Concen: 1.203 ng/ul

RT: 14.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

Instrument :

BNA_M

ClientSampleId :

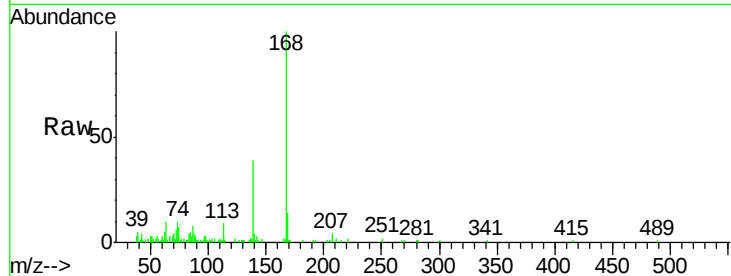
F5C34

Tgt Ion:168 Resp: 48438

Ion Ratio Lower Upper

168 100

139 39.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.93

40000

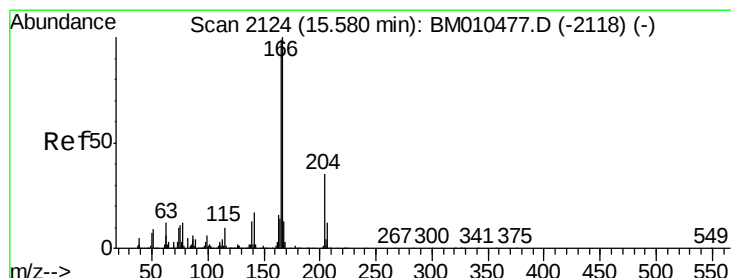
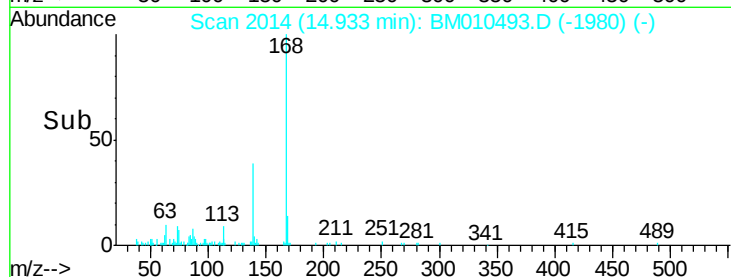
30000

20000

10000

0

Time--> 14.85 14.90 14.95



#58

Fluorene

Concen: 1.227 ng/ul

RT: 15.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

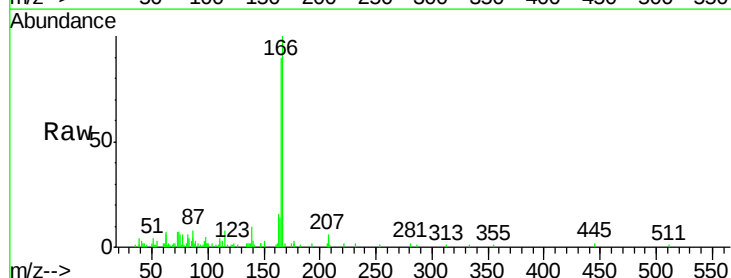
Tgt Ion:166 Resp: 40495

Ion Ratio Lower Upper

166 100

165 89.6 77.9 116.9

167 15.1 10.6 16.0



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

15.58

40000

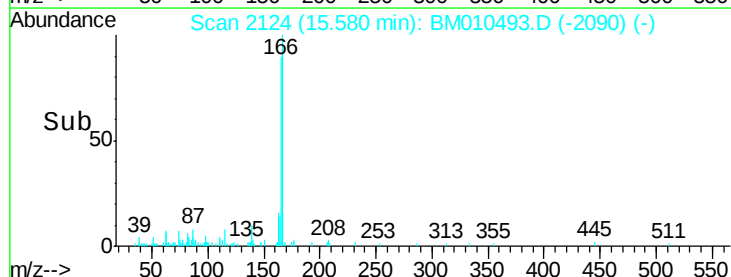
30000

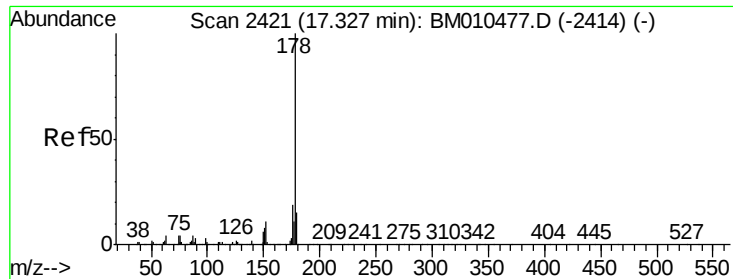
20000

10000

0

Time--> 15.55 15.60





#69

Phenanthrene

Concen: 3.154 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

Instrument :

BNA_M

ClientSampleId :

F5C34

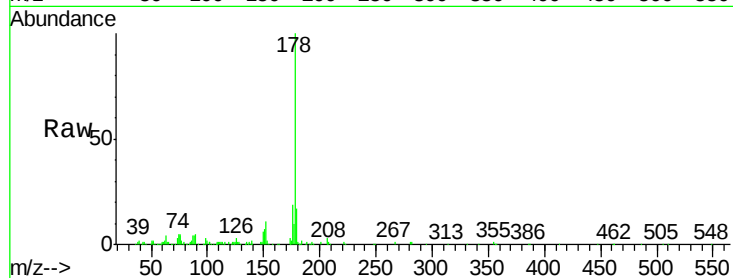
Tgt Ion:178 Resp: 172320

Ion Ratio Lower Upper

178 100

179 17.5 12.6 19.0

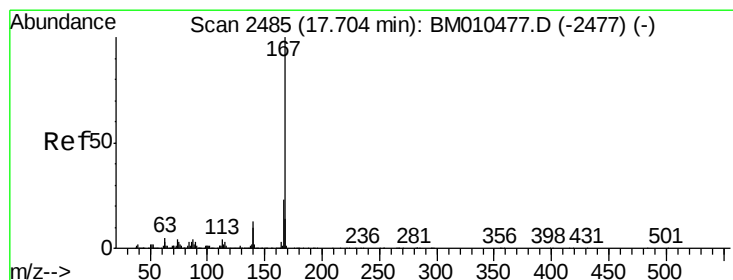
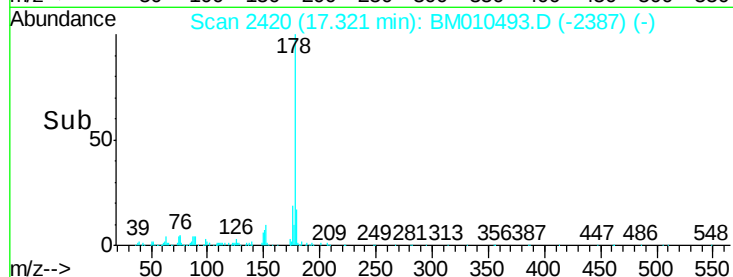
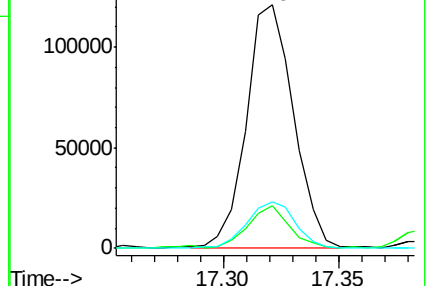
176 19.3 14.9 22.3



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



#72

Carbazole

Concen: 2.511 ng/ul

RT: 17.70 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BM010493.D

Acq: 10 Jun 2017 19:46

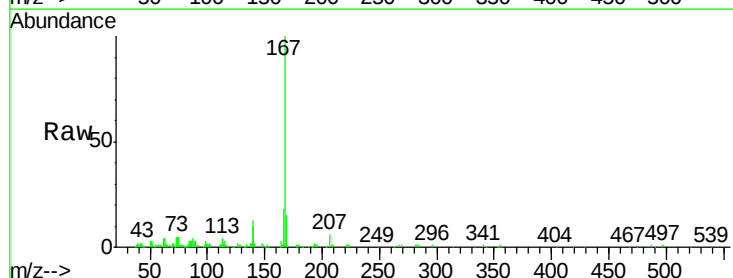
Tgt Ion:167 Resp: 121253

Ion Ratio Lower Upper

167 100

166 18.0 17.1 25.7

139 12.9 10.0 15.0



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

