

Data File : BM010551.D
Acq On : 13 Jun 2017 00:45
Operator : SJ/MA
Sample : I3521-10DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 13 03:35:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	106541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	388377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	284380	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	780771	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1221395	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1235672	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	141	0.05	ng/uL	0.00
5) Phenol-d5	7.08	99	11614	1.44	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	7315	1.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	10108	1.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	6220	0.95	ng/ul	0.01
19) Nitrobenzene-d5	9.08	128	4079	1.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	4536	1.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	11559	1.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	1927	0.30	ng/ul	-0.11
43) Dimethylphthalate-d6	13.94	166	47893	2.03	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	50984	1.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	486	0.14	ng/ul	-0.01
57) Fluorene-d10	15.51	176	45248	2.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	6757	1.22	ng/ul	0.00
70) Anthracene-d10	17.37	188	77467	2.04	ng/ul	0.00
76) Pyrene-d10	19.66	212	104900	2.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	109695	1.91	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.75	128	6122654	314.31	ng/ul	99
30) 4-Chloroaniline	10.75	127	832421	132.04	ng/ul#	26
34) 2-Methylnaphthalene	12.35	142	1911771	129.44	ng/ul	97
40) 1,1'-Biphenyl	13.35	154	534547	23.17	ng/ul	99
44) Dimethylphthalate	13.99	163	40118	1.73	ng/ul#	97
47) Acenaphthylene	14.25	152	65390	2.43	ng/ul	96
49) Acenaphthene	14.59	153	1664526	88.11	ng/ul	98
53) Dibenzofuran	14.93	168	2173949	77.83	ng/ul	96
58) Fluorene	15.57	166	2286201	99.78	ng/ul	99
69) Phenanthrene	17.40	178	1036439	24.87	ng/ul	99
71) Anthracene	17.40	178	1036439	23.82	ng/ul	98
72) Carbazole	17.69	167	482102	13.09	ng/ul	97
74) Fluoranthene	19.33	202	7068318	137.90	ng/ul#	96
77) Pyrene	19.69	202	4365976	69.37	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	1328841	19.29	ng/ul	97
82) Chrysene	21.47	228	1092052	17.54	ng/ul	97
85) Benzo(b)fluoranthene	23.06	252	708276	9.85	ng/ul	97
86) Benzo(k)fluoranthene	23.06	252	708276	10.31	ng/ul	96
88) Benzo(a)pyrene	23.57	252	254054	3.56	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.14	276	140689	1.56	ng/ul#	92
91) Benzo(g,h,i)perylene	26.89	276	104062	1.40	ng/ul#	95

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Quantitation Report (Not Reviewed)

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Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Acq On : 13 Jun 2017 00:45

Operator : SJ/MA

Sample : I3521-10DL 10X

Misc :

ALS Vial : 25 Sample Multiplier: 1

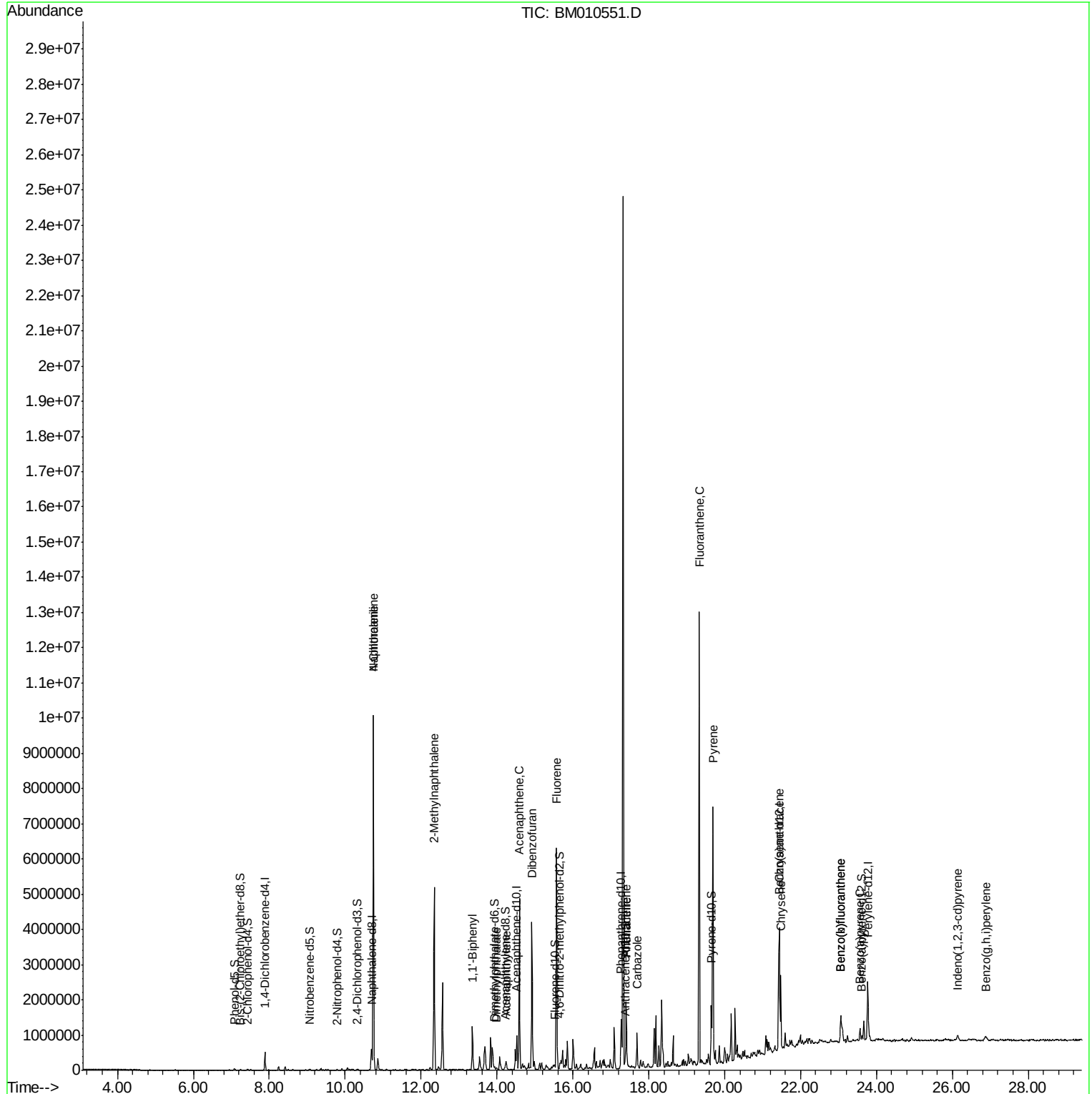
Quant Time: Jun 13 03:35:57 2017

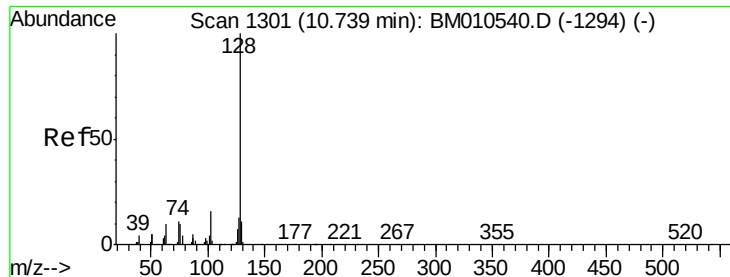
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 13 03:33:28 2017

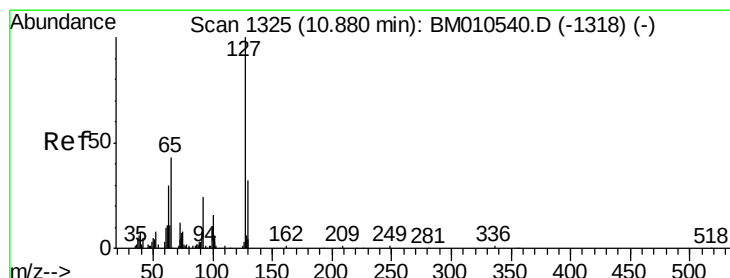
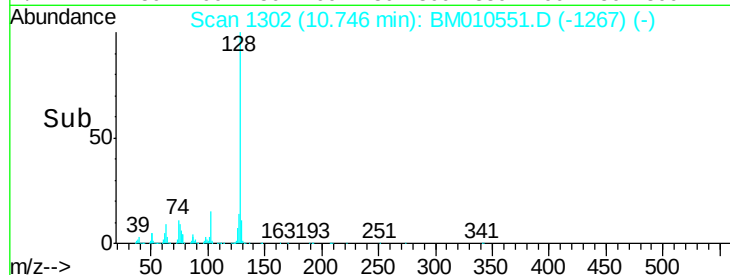
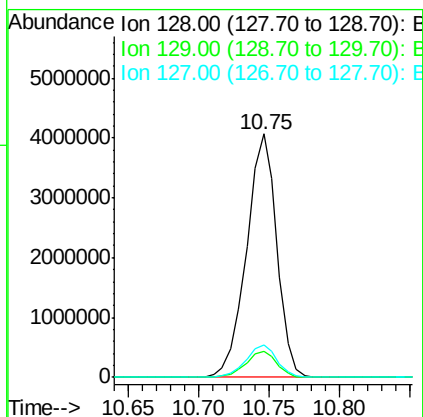
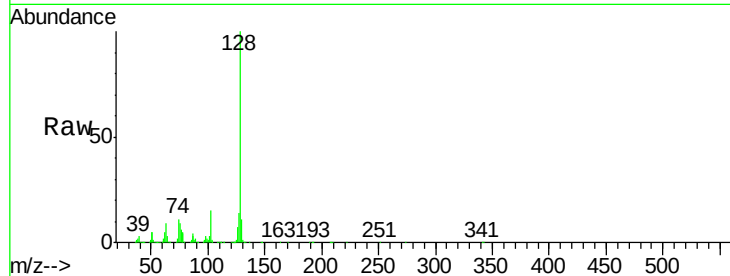
Response via : Initial Calibration





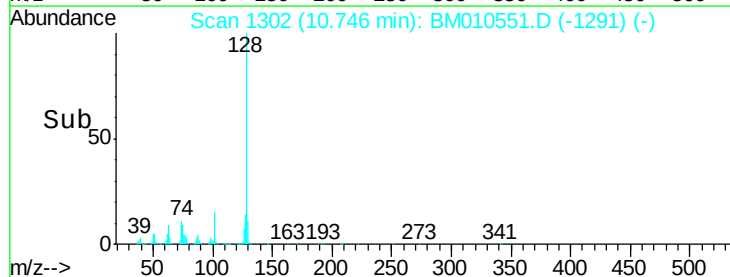
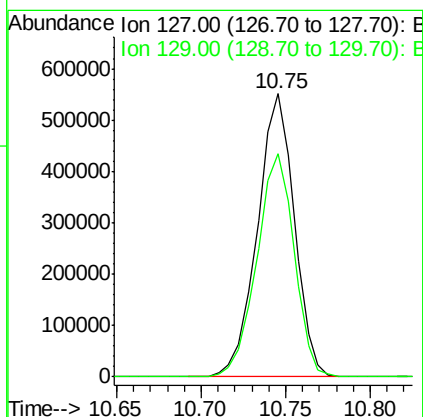
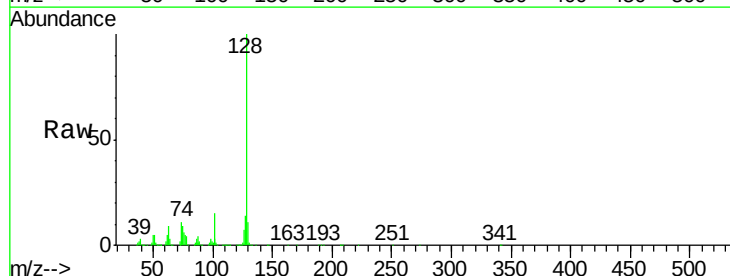
#28
Naphthalene
Concen: 314.31 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM010551.D
Acq: 13 Jun 2017 00:45

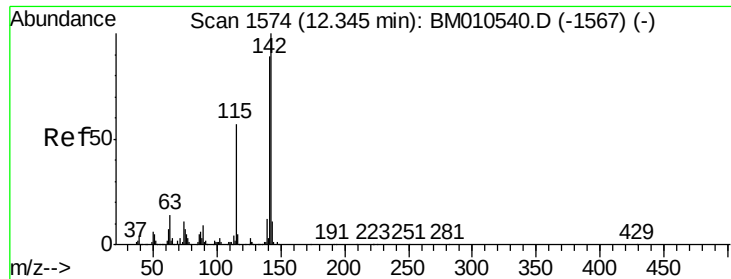
Tgt Ion:128 Resp: 6122654
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 16.0



#30
4-Chloroaniline
Concen: 132.04 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. -0.13 min
Lab File: BM010551.D
Acq: 13 Jun 2017 00:45

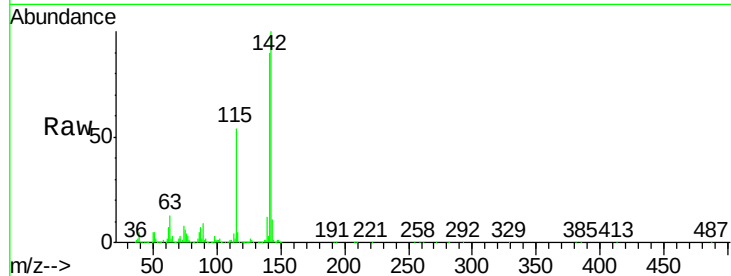
Tgt Ion:127 Resp: 832421
Ion Ratio Lower Upper
127 100
129 78.8 28.4 42.6#



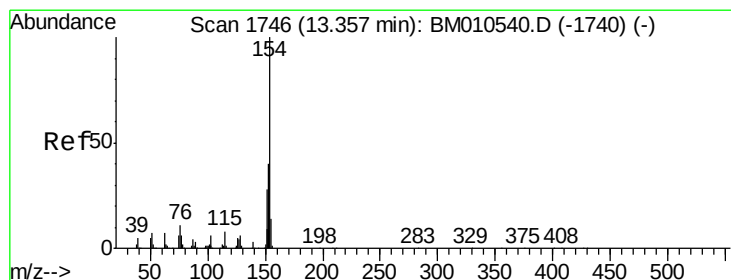
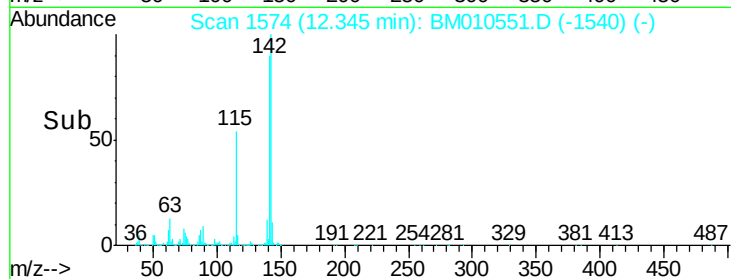
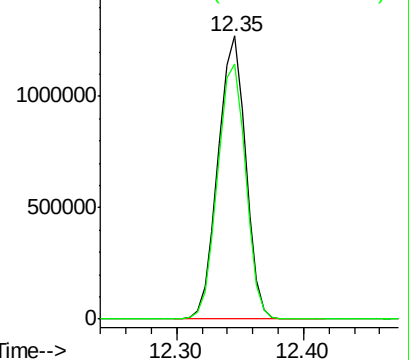


#34
 2-Methylnaphthalene
 Concen: 129.44 ng/ul
 RT: 12.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

Tgt Ion:142 Resp: 1911771
 Ion Ratio Lower Upper
 142 100
 141 90.1 74.1 111.1

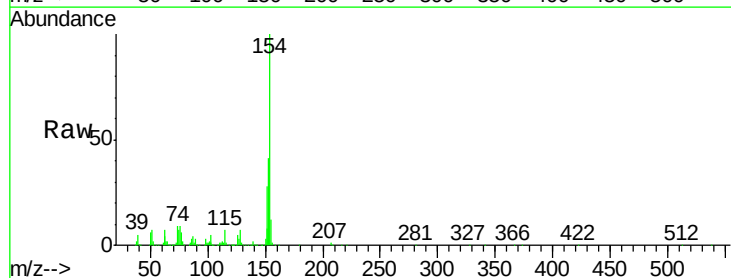


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

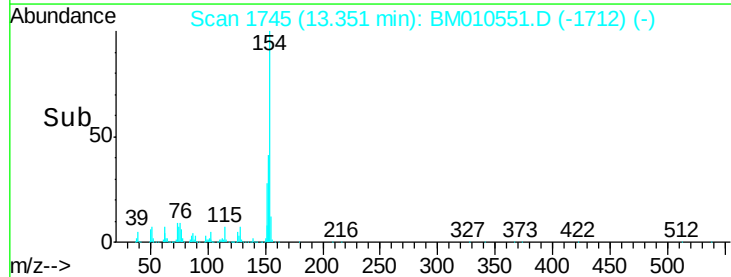
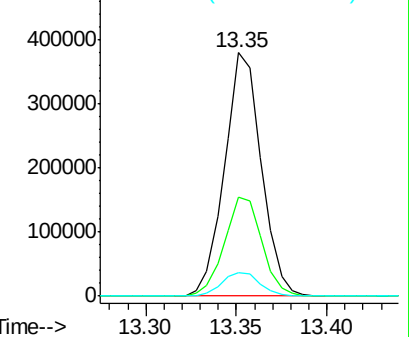


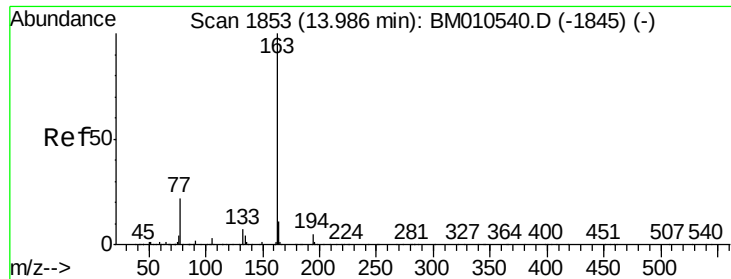
#40
 1,1'-Biphenyl
 Concen: 23.17 ng/ul
 RT: 13.35 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

Tgt Ion:154 Resp: 534547
 Ion Ratio Lower Upper
 154 100
 153 40.6 32.6 48.8
 76 9.5 8.5 12.7



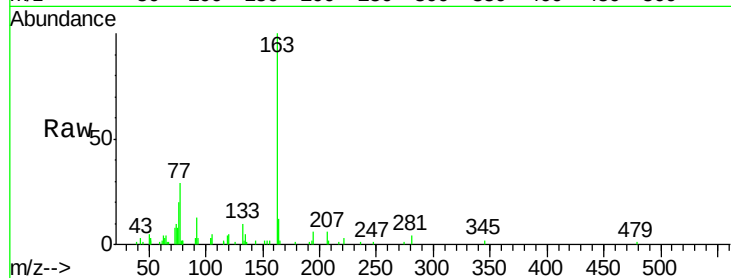
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0



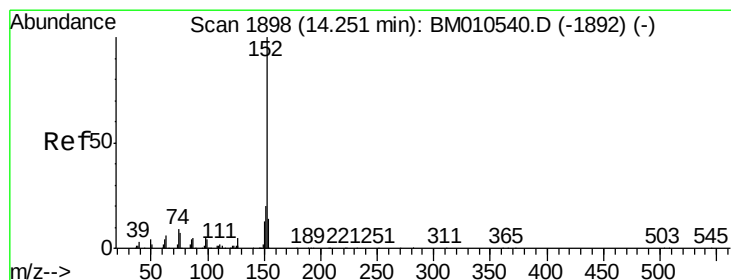
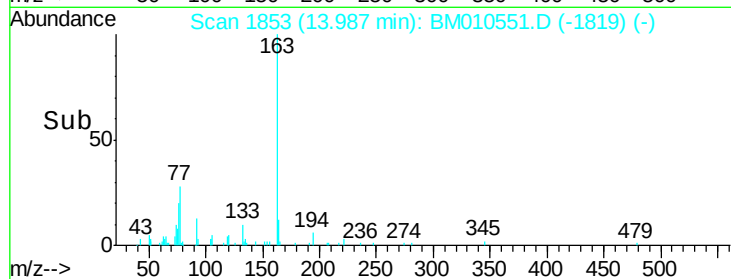
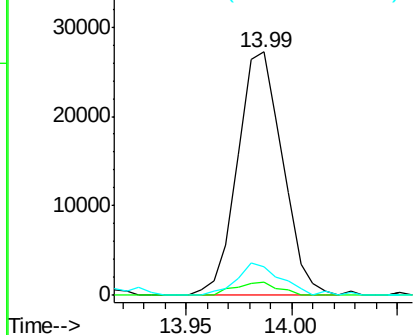


#44
Dimethylphthalate
Concen: 1.73 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010551.D
Acq: 13 Jun 2017 00:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	11.5	8.2	12.4

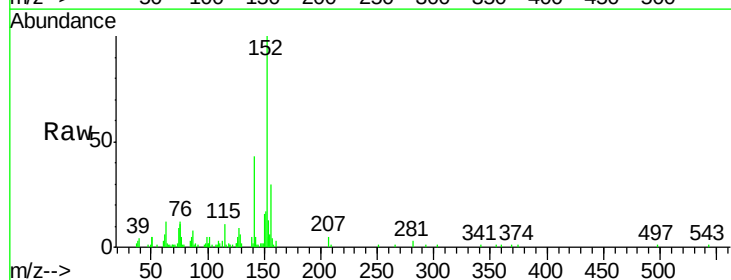


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

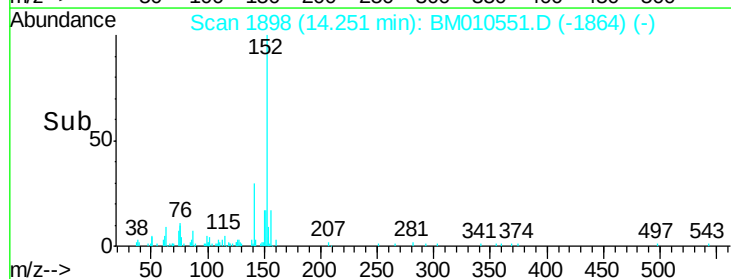
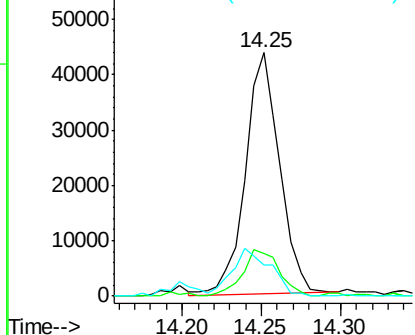


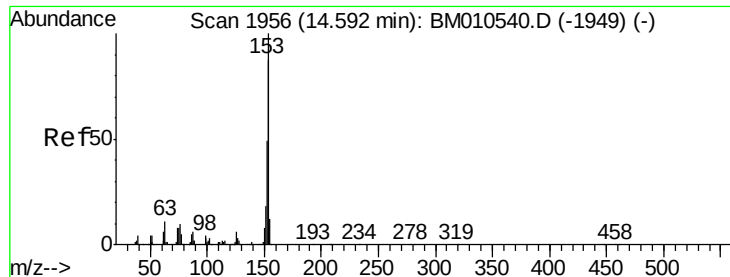
#47
Acenaphthylene
Concen: 2.43 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM010551.D
Acq: 13 Jun 2017 00:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.4	16.3	24.5
153	12.7	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





#49

Acenaphthene

Concen: 88.11 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

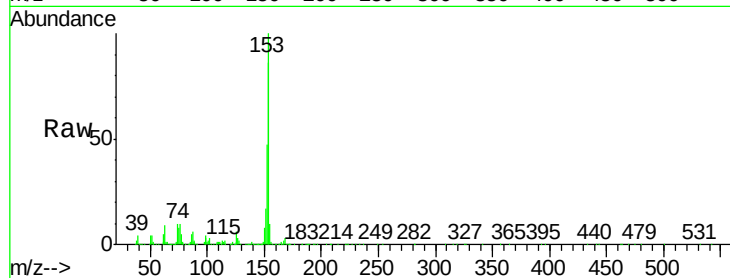
Tgt Ion:153 Resp: 1664526

Ion Ratio Lower Upper

153 100

152 46.9 37.6 56.4

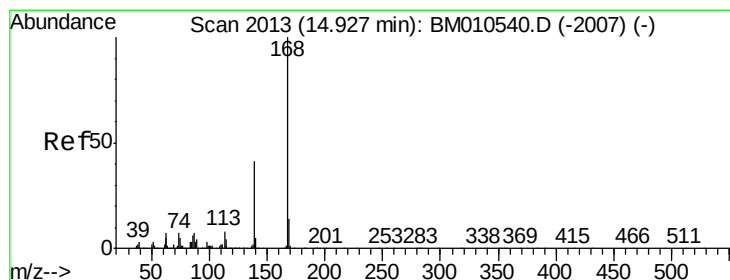
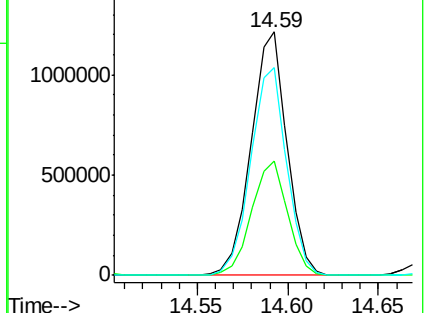
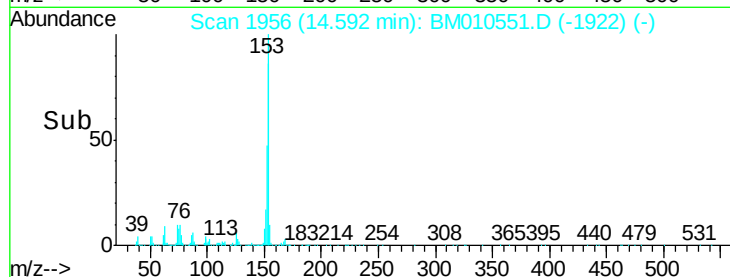
154 85.5 70.4 105.6



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

Dibenzofuran

Concen: 77.83 ng/ul

RT: 14.93 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BM010551.D

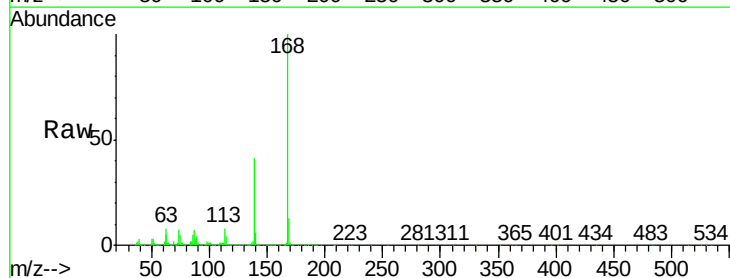
Acq: 13 Jun 2017 00:45

Tgt Ion:168 Resp: 2173949

Ion Ratio Lower Upper

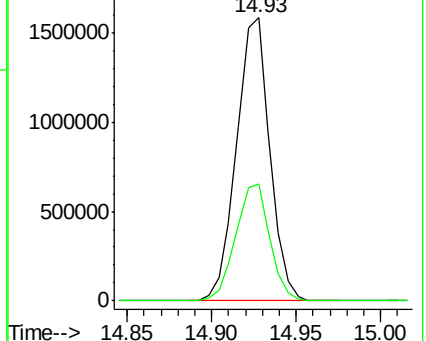
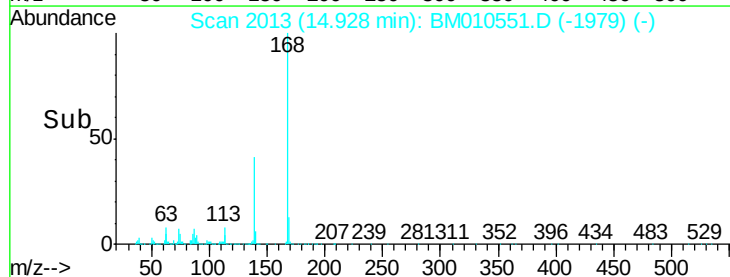
168 100

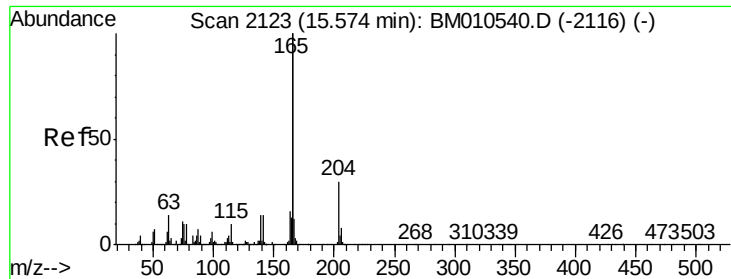
139 41.2 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

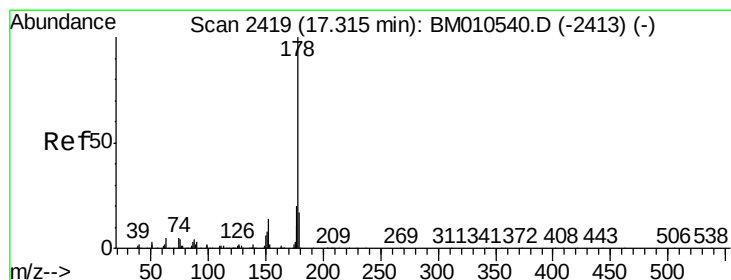
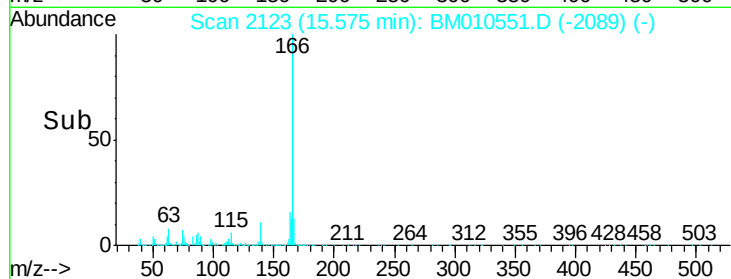
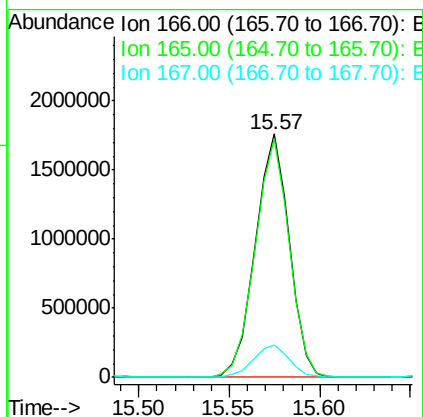
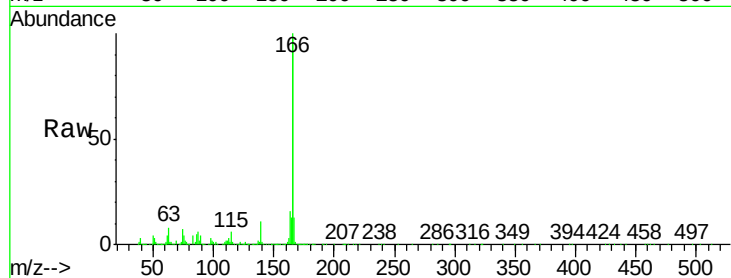
Ion 139.00 (138.70 to 139.70): E





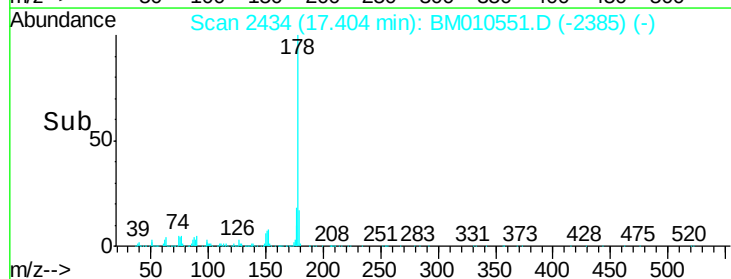
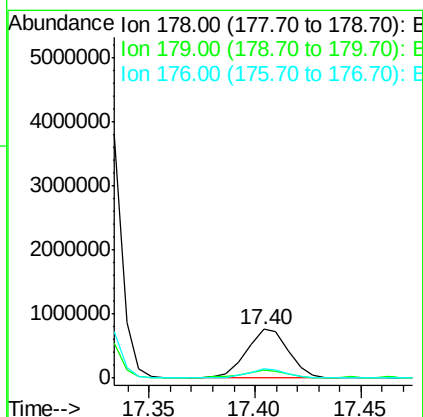
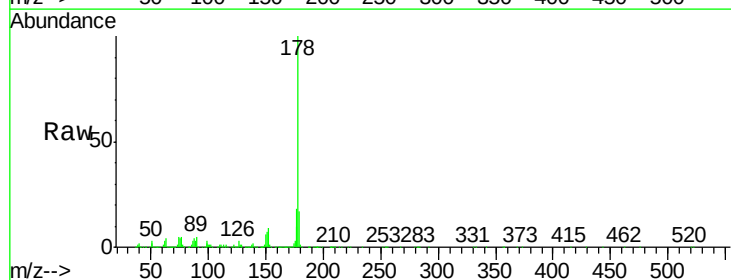
#58
 Fluorene
 Concen: 99.78 ng/ul
 RT: 15.57 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

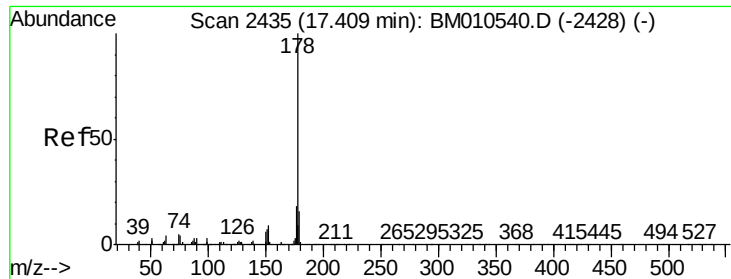
Tgt Ion:166 Resp: 2286201
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.9 116.9
 167 13.5 10.6 16.0



#69
 Phenanthrene
 Concen: 24.87 ng/ul
 RT: 17.40 min Scan# 2434
 Delta R.T. 0.09 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

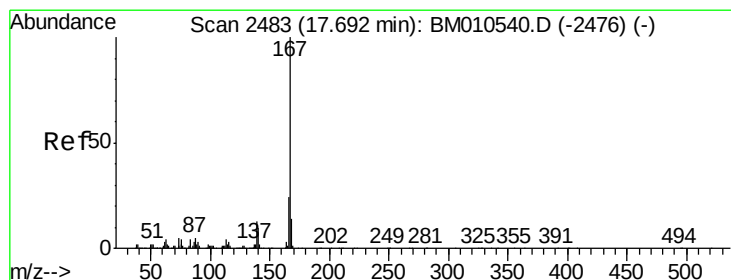
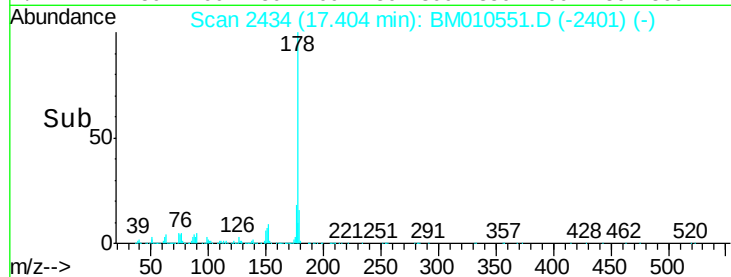
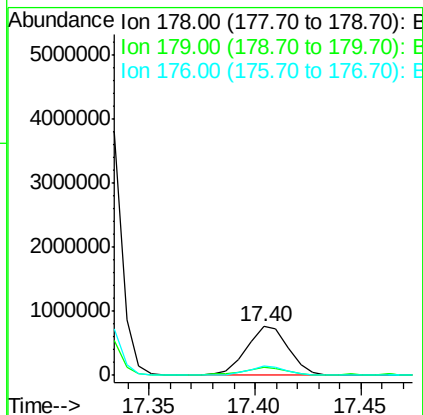
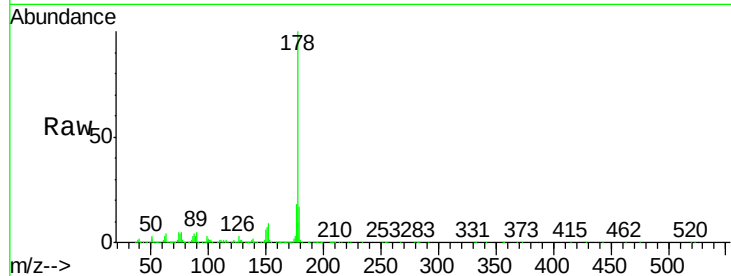
Tgt Ion:178 Resp: 1036439
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.6 19.0
 176 18.1 14.9 22.3





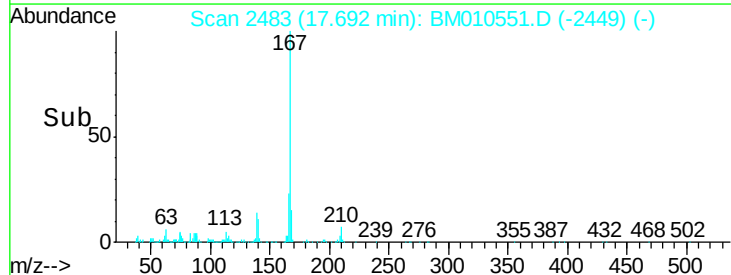
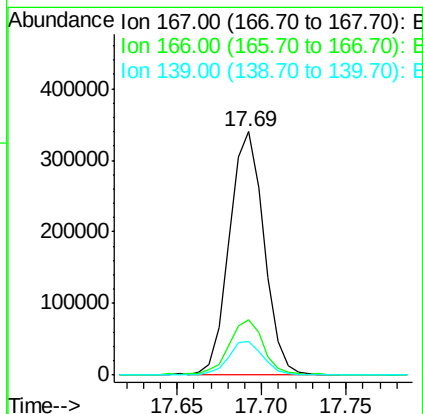
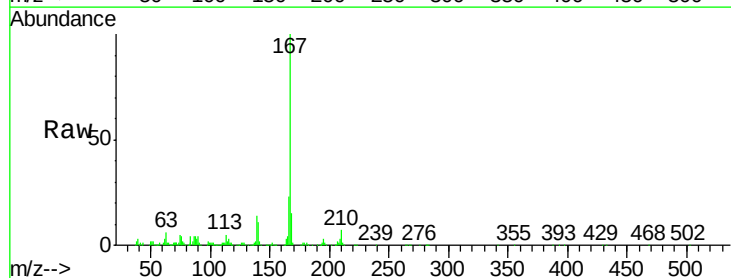
#71
 Anthracene
 Concen: 23.82 ng/ul
 RT: 17.40 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

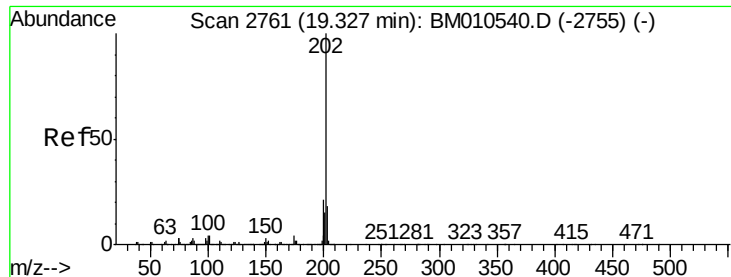
Tgt Ion:178 Resp: 1036439
 Ion Ratio Lower Upper
 178 100
 179 16.6 11.7 17.5
 176 18.1 14.6 21.8



#72
 Carbazole
 Concen: 13.09 ng/ul
 RT: 17.69 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

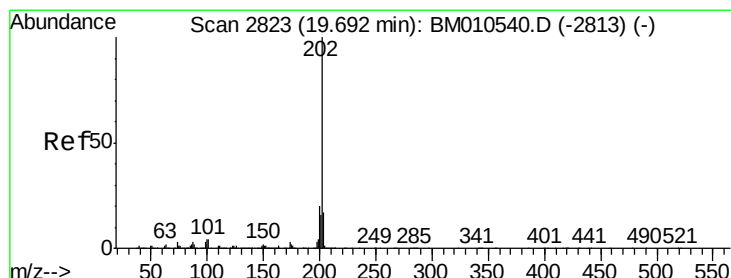
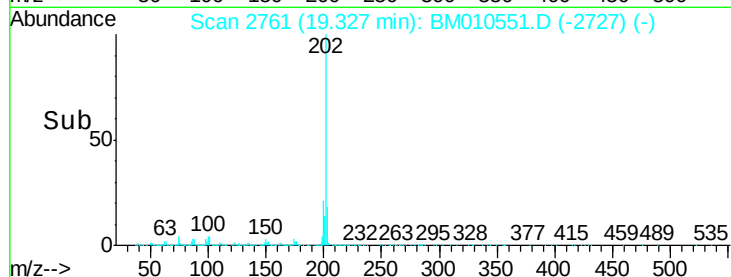
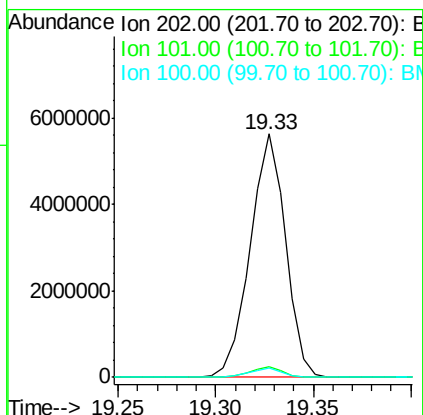
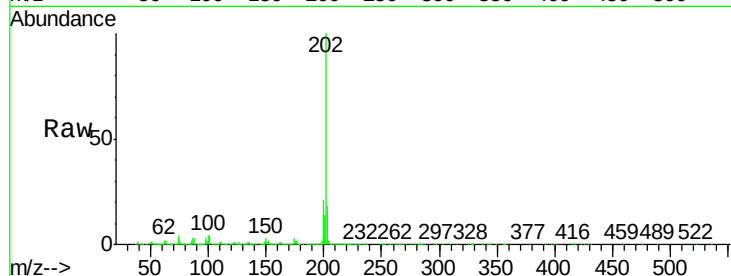
Tgt Ion:167 Resp: 482102
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.1 25.7
 139 13.8 10.0 15.0





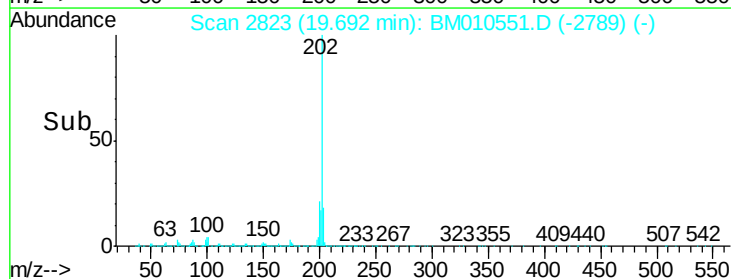
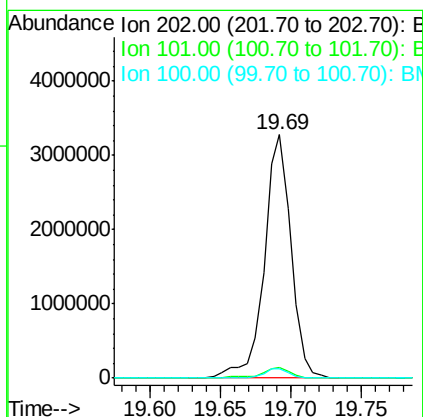
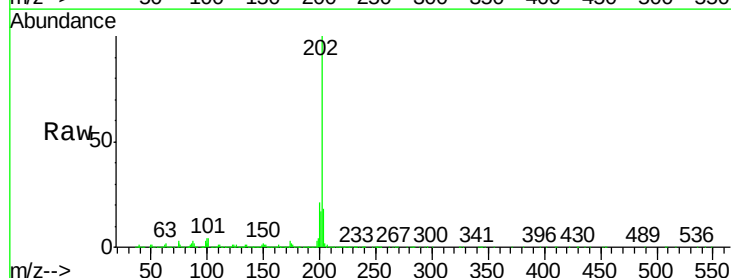
#74
 Fluoranthene
 Concen: 137.90 ng/ul
 RT: 19.33 min Scan# 2761
 Delta R.T. 0.00 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

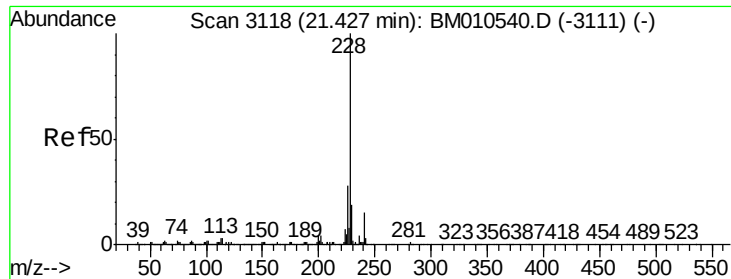
Tgt Ion:202 Resp: 7068318
 Ion Ratio Lower Upper
 202 100
 101 4.2 4.6 7.0#
 100 3.6 3.4 5.2



#77
 Pyrene
 Concen: 69.37 ng/ul
 RT: 19.69 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BM010551.D
 Acq: 13 Jun 2017 00:45

Tgt Ion:202 Resp: 4365976
 Ion Ratio Lower Upper
 202 100
 101 4.1 5.1 7.7#
 100 3.7 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 19.29 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

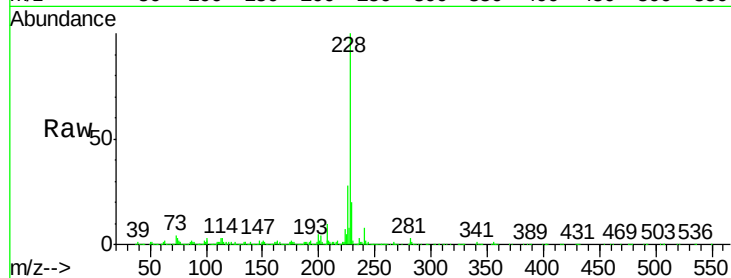
Tgt Ion:228 Resp: 1328841

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.0

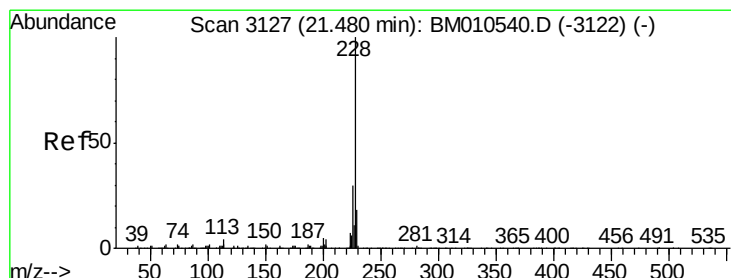
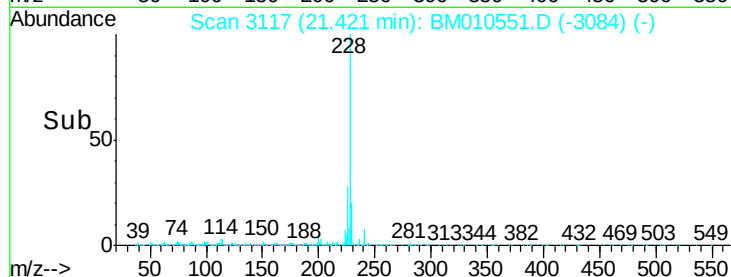
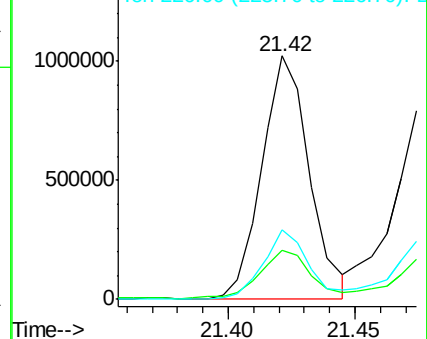
226 28.5 21.4 32.0



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



#82

Chrysene

Concen: 17.54 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

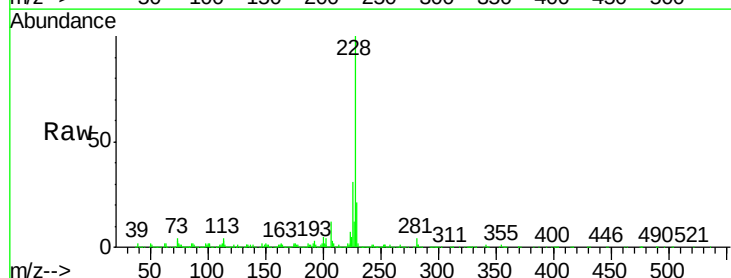
Tgt Ion:228 Resp: 1092052

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

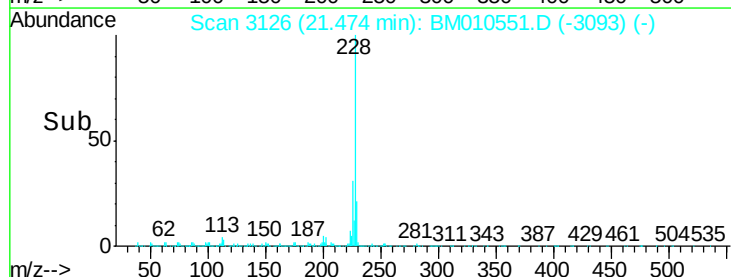
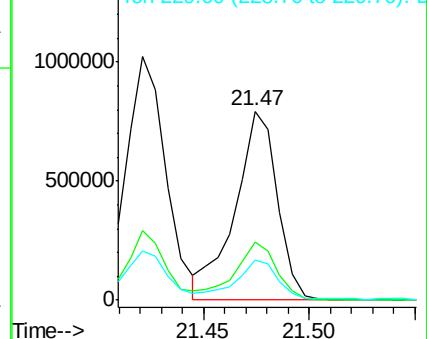
229 21.3 15.5 23.3

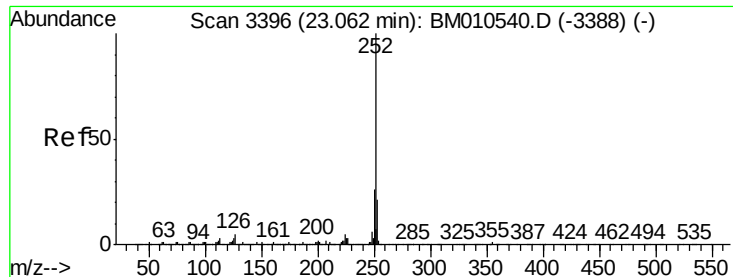


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 9.85 ng/ul

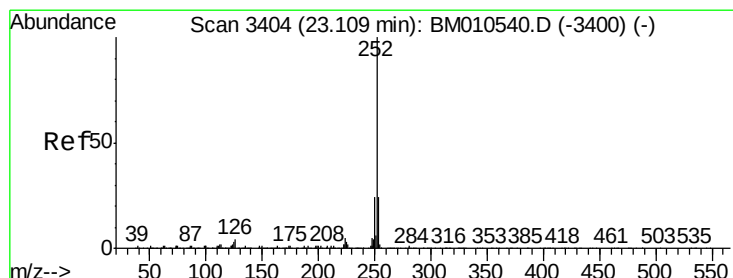
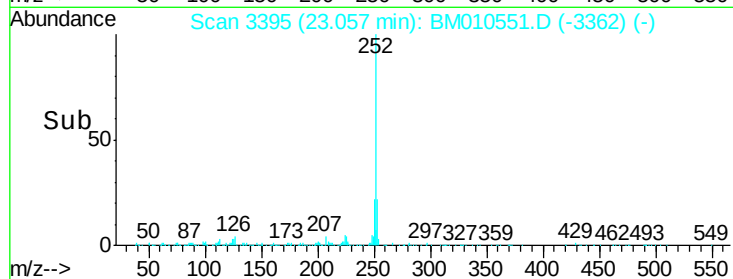
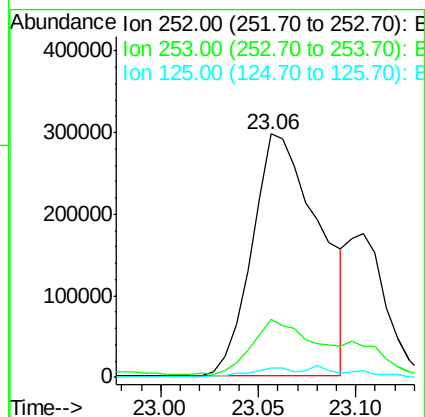
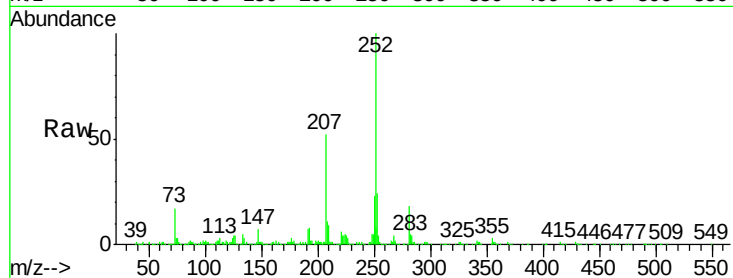
RT: 23.06 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

Tgt Ion:	252	Resp:	708276
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	3.6	3.6	5.4



#86

Benzo(k)fluoranthene

Concen: 10.31 ng/ul

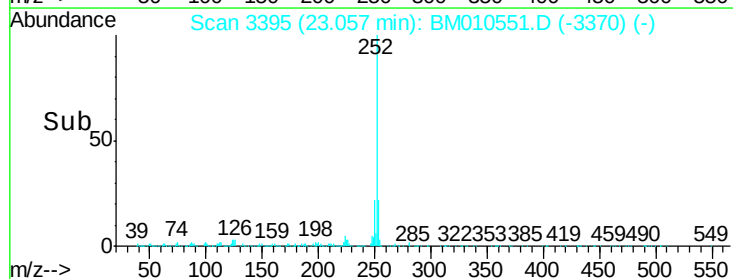
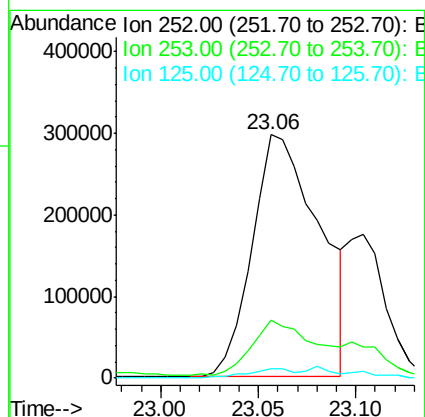
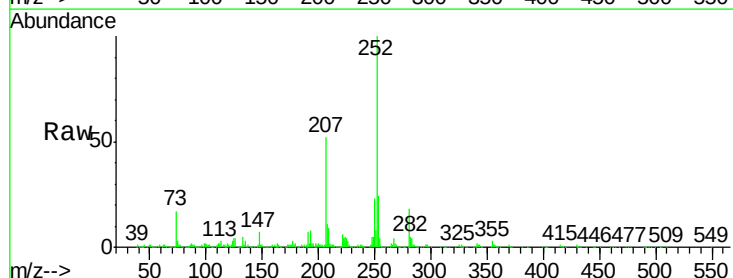
RT: 23.06 min Scan# 3395

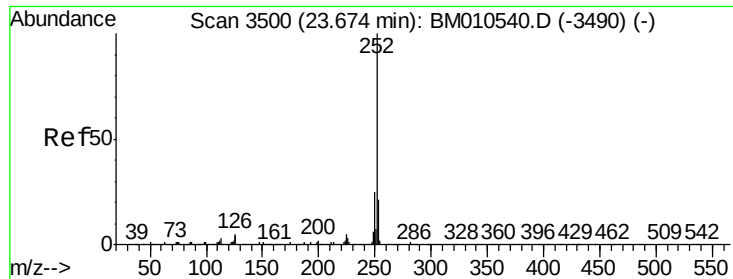
Delta R.T. -0.05 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

Tgt Ion:	252	Resp:	708276
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	3.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.56 ng/ul

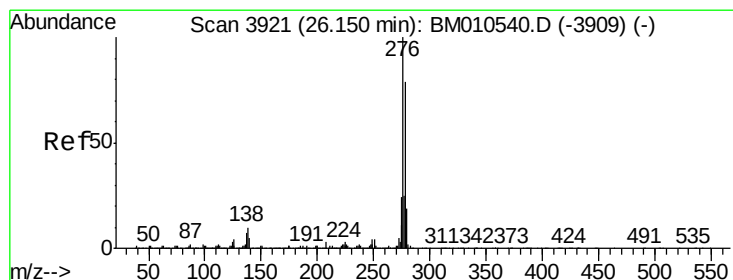
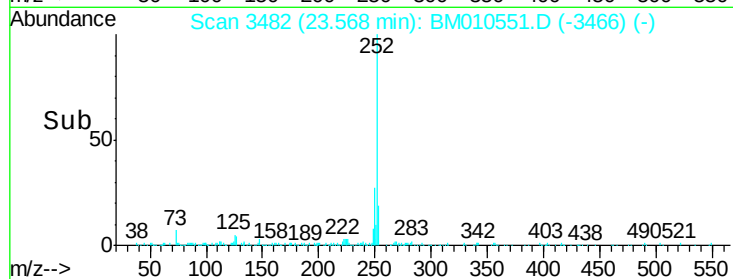
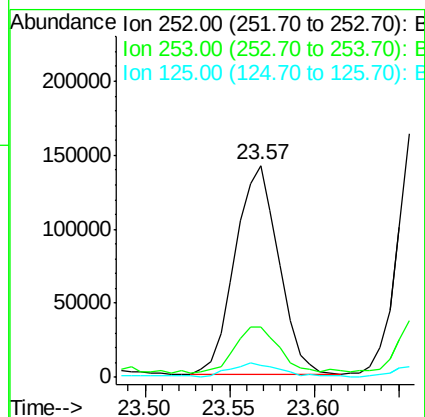
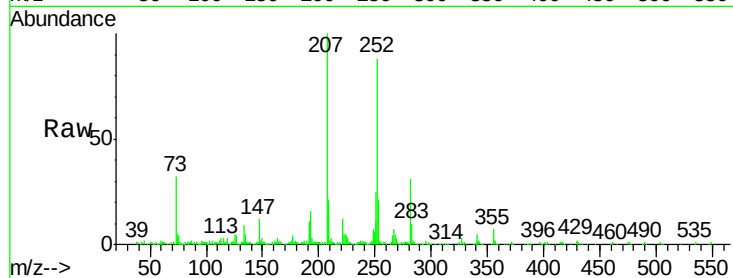
RT: 23.57 min Scan# 3482

Delta R.T. -0.11 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

Tgt Ion:	252	Resp:	254054
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	5.6	4.0	6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.56 ng/ul

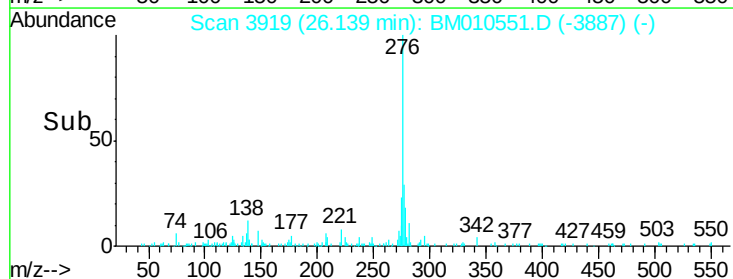
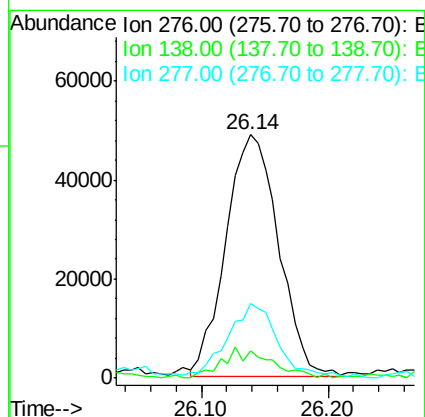
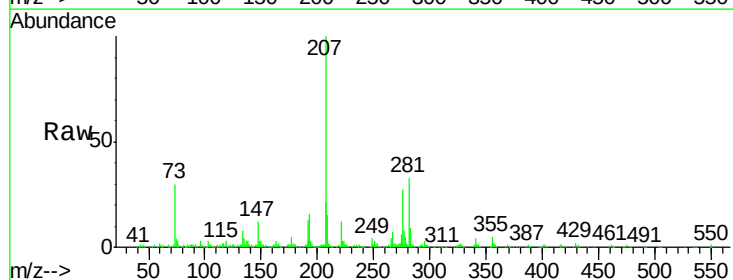
RT: 26.14 min Scan# 3919

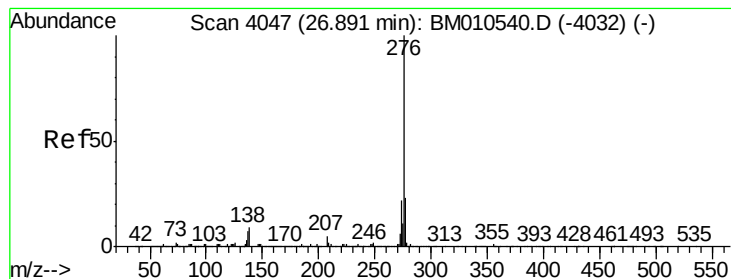
Delta R.T. -0.01 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

Tgt Ion:	276	Resp:	140689
Ion Ratio	Lower	Upper	
276	100		
138	11.3	9.3	13.9
277	30.4	19.9	29.9





#91

Benzo(g,h,i)perylene

Concen: 1.40 ng/ul

RT: 26.89 min Scan# 4046

Delta R.T. -0.01 min

Lab File: BM010551.D

Acq: 13 Jun 2017 00:45

Tgt Ion:	276	Resp:	104062
Ion Ratio	Lower	Upper	
276	100		
138	5.3	8.5	12.7#
277	23.6	18.6	28.0

