

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002150.D
 Acq On : 31 Jul 2015 11:22
 Operator : TP/UM
 Sample : G3030-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01MODL

Quant Time: Aug 01 02:20:06 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 02:15:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	39114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	156541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	95874	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	219605	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	257648	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	269896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	499	0.66	ng/uL	0.00
5) Phenol-d5	6.76	99	11665	4.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	6443	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	10106	4.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	9079	4.08	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	4732	4.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	5106	4.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	9974	4.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	7871	3.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	32527	4.63	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	36976	4.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	3066	2.62	ng/ul	0.00
58) Fluorene-d10	15.24	176	28107	4.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	1845	1.37	ng/ul	0.00
71) Anthracene-d10	17.09	188	41772	4.26	ng/ul	0.00
79) Pyrene-d10	19.40	212	45496	4.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	49420	3.78	ng/ul	0.00

Target Compounds

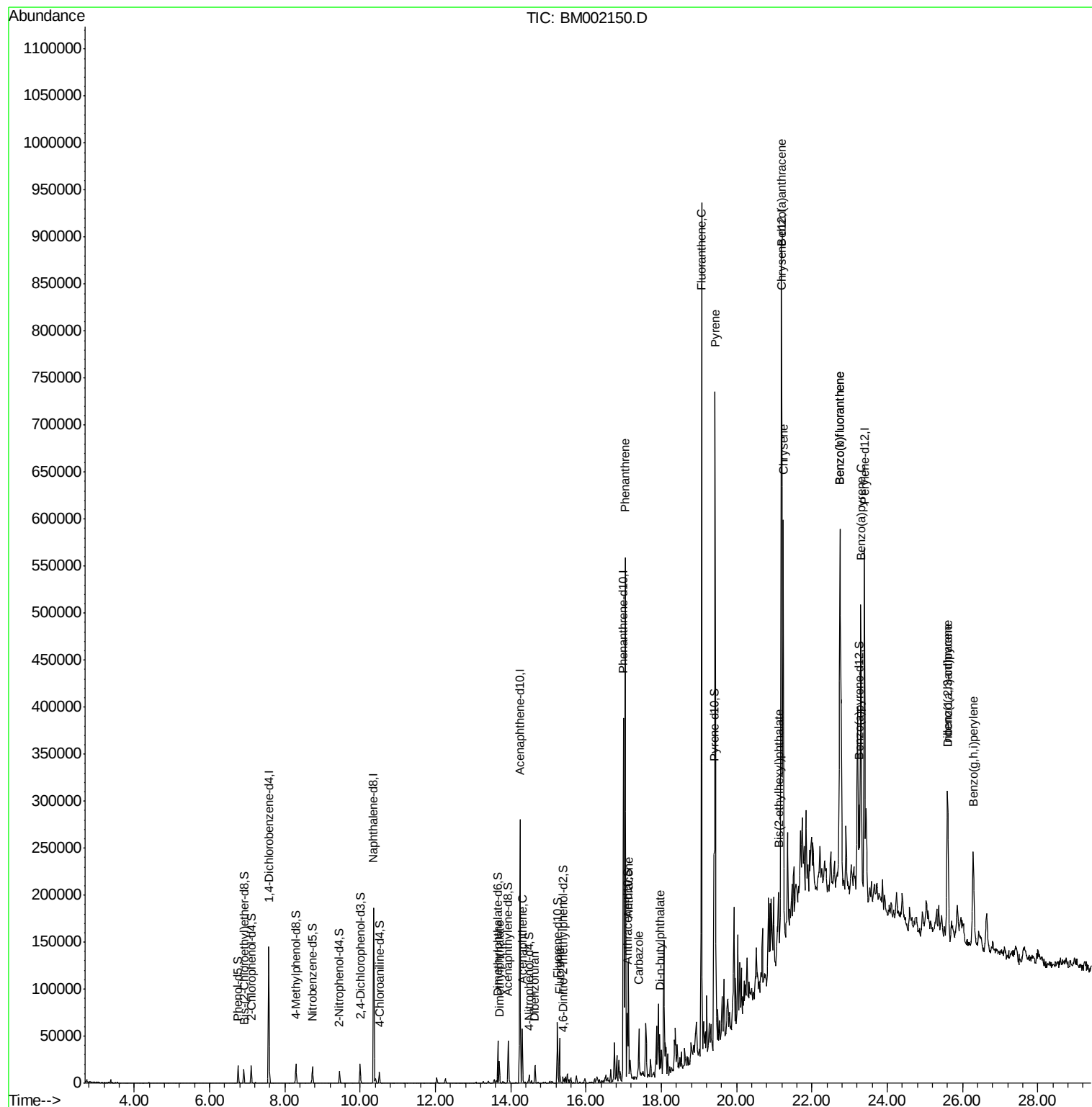
						Ovalue
45) Dimethylphthalate	13.70	163	16580	2.36	ng/ul	99
50) Acenaphthene	14.30	153	24855	4.18	ng/ul	99
54) Dibenzofuran	14.64	168	14140	1.66	ng/ul	98
59) Fluorene	15.29	166	22708	3.23	ng/ul	98
70) Phenanthrene	17.03	178	332307	29.21	ng/ul	99
72) Anthracene	17.13	178	81223	6.98	ng/ul	99
75) Carbazole	17.40	167	31120	3.13	ng/ul	96
76) Di-n-butylphthalate	17.96	149	30811	2.60	ng/ul	97
77) Fluoranthene	19.06	202	530586	40.40	ng/ul	99
80) Pyrene	19.43	202	441618	31.50	ng/ul	99
83) Benzo(a)anthracene	21.18	228	265653	18.60	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.11	149	21423	2.61	ng/ul#	98
85) Chrysene	21.23	228	249621	18.68	ng/ul	97
88) Benzo(b)fluoranthene	22.74	252	304592	20.08	ng/ul	98
89) Benzo(k)fluoranthene	22.74	252	248461	16.98	ng/ul	99
91) Benzo(a)pyrene	23.30	252	218996	14.96	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	145881	8.65	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.60	278	40943	2.84	ng/ul#	92
94) Benzo(g,h,i)perylene	26.27	276	124228	8.79	ng/ul	96

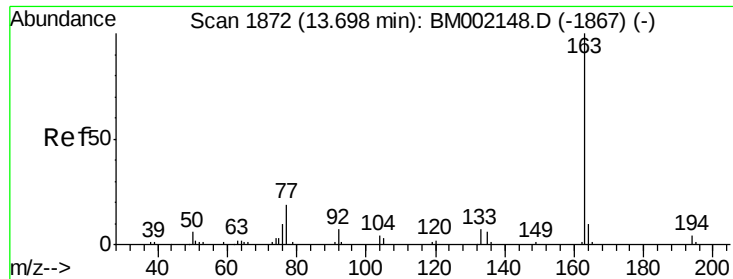
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.36 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

Instrument :

BNA_M

ClientSampleId :

C01MODL

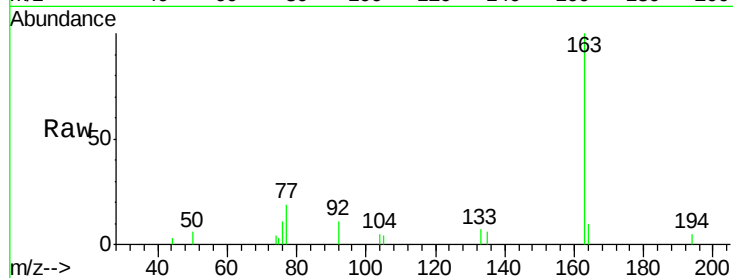
Tot Ion:163 Resp: 16580

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

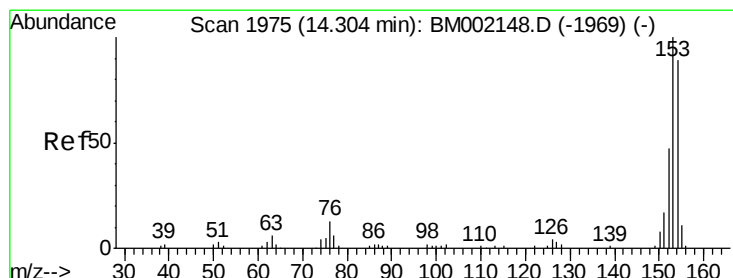
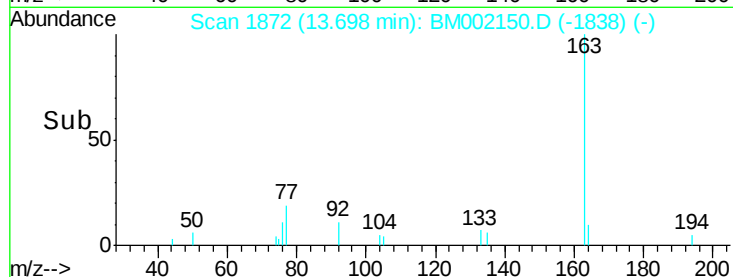
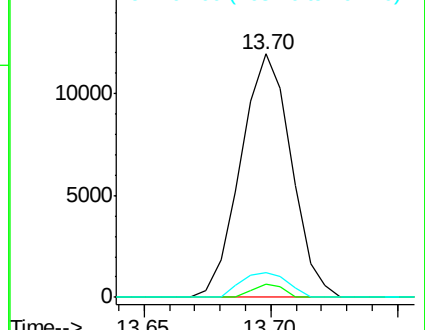
164 10.4 8.0 12.0



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



#50

Acenaphthene

Concen: 4.18 ng/ul

RT: 14.30 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

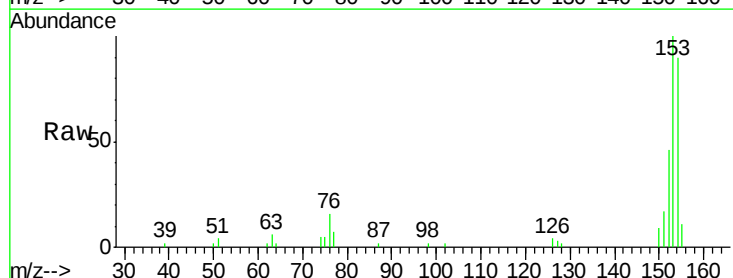
Tgt Ion:153 Resp: 24855

Ion Ratio Lower Upper

153 100

152 45.7 37.3 55.9

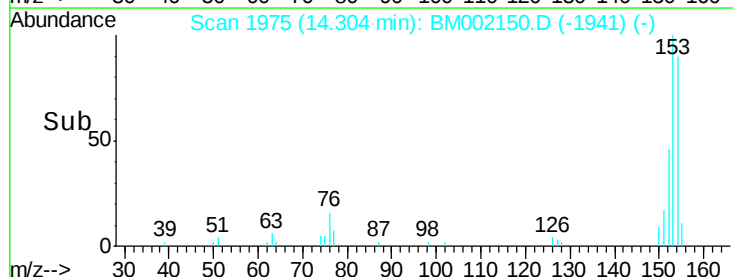
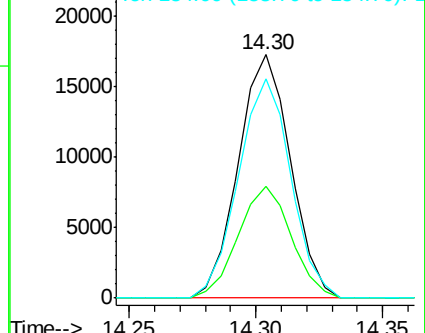
154 89.9 71.4 107.2

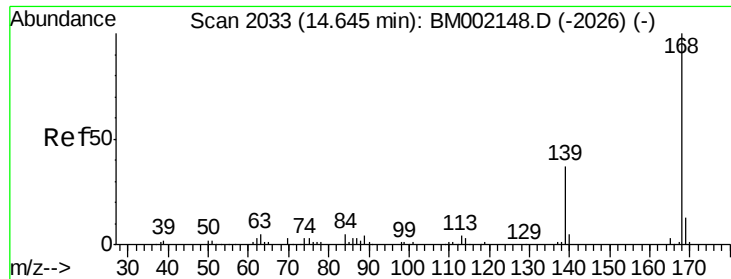


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 1.66 ng/ul

RT: 14.64 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

Instrument :

BNA_M

ClientSampled :

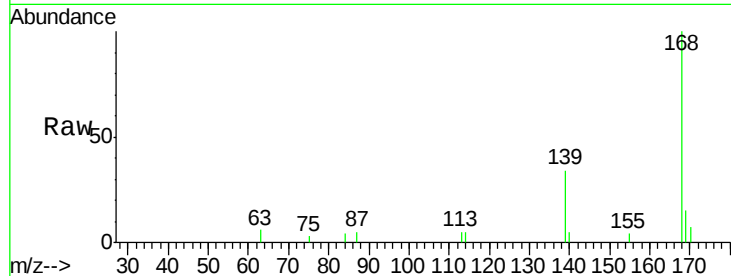
C01MODL

Tot Ion:168 Resp: 14140

Ion Ratio Lower Upper

168 100

139 33.8 28.2 42.2

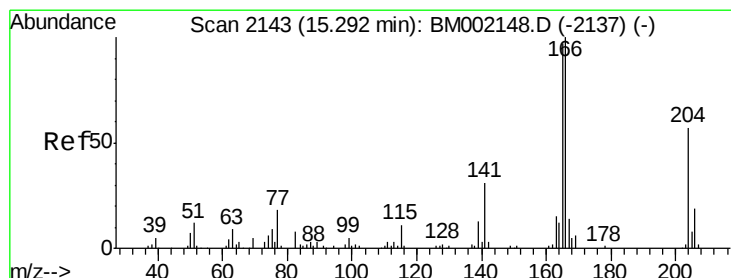
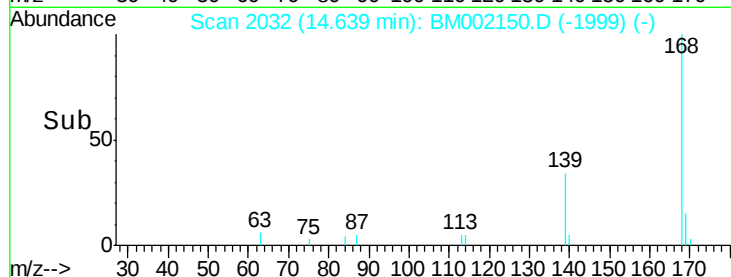


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.64

Time-->



#59

Fluorene

Concen: 3.23 ng/ul

RT: 15.29 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

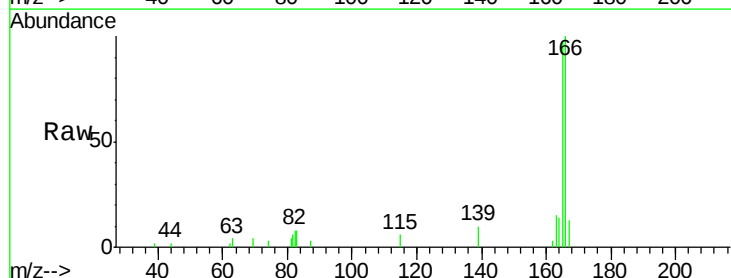
Tgt Ion:166 Resp: 22708

Ion Ratio Lower Upper

166 100

165 96.8 75.6 113.4

167 12.9 10.5 15.7



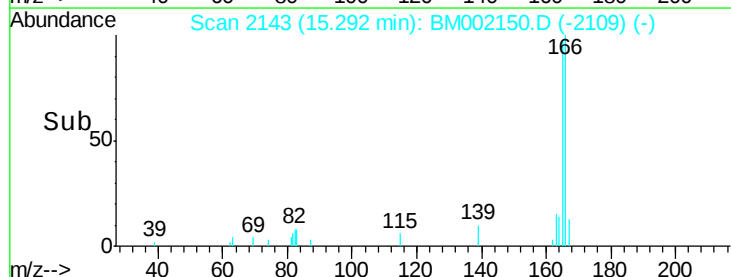
Abundance Ion 166.00 (165.70 to 166.70): E

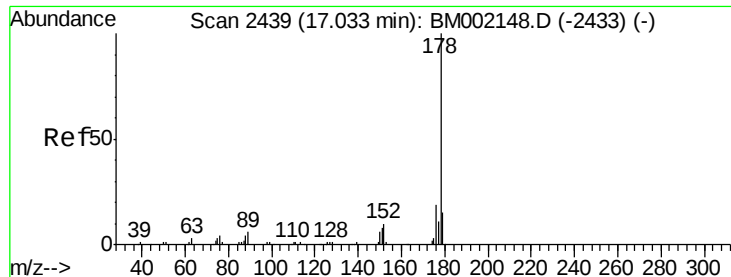
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.29

Time-->

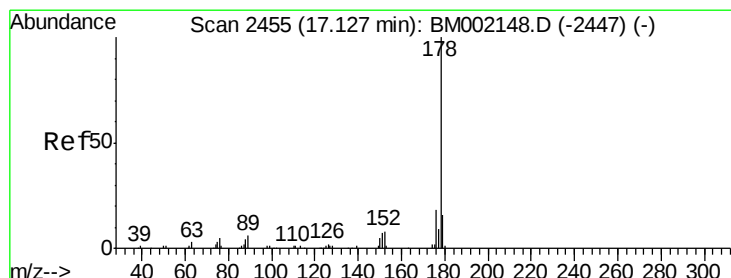
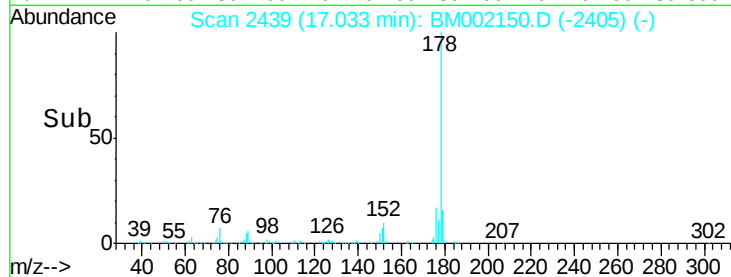
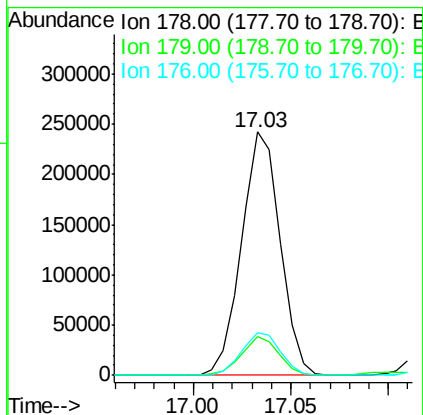
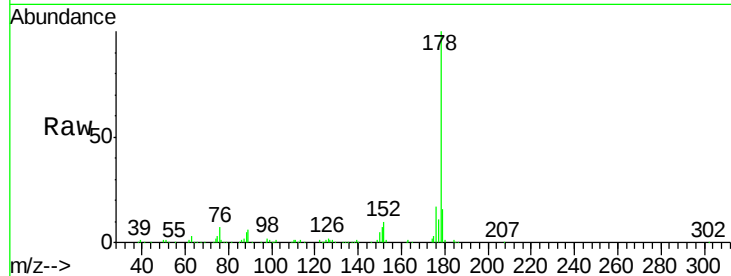




#70
Phenanthrene
Concen: 29.21 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002150.D
Acq: 31 Jul 2015 11:22

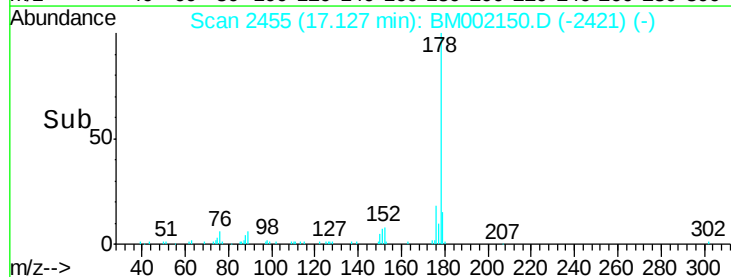
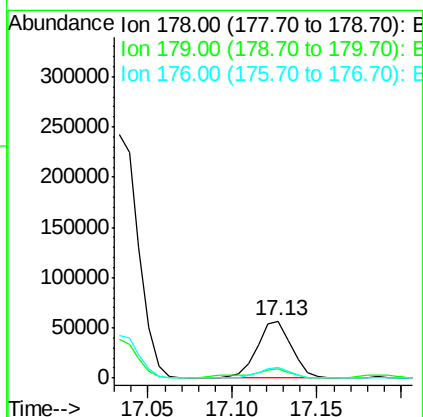
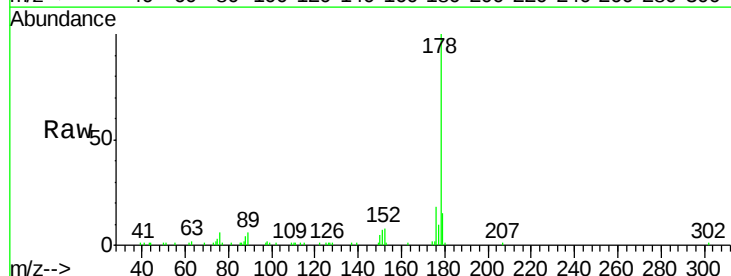
Instrument :
BNA_M
ClientSampleId :
C01MODL

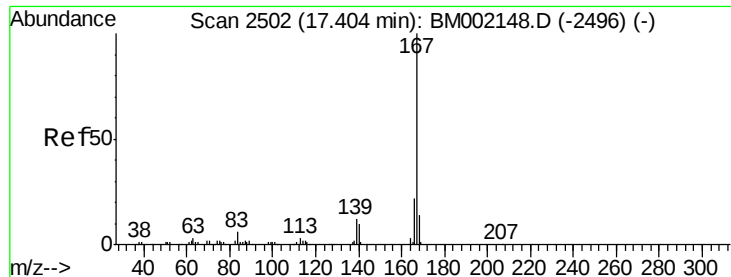
Tot Ion:178 Resp: 332307
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 17.4 14.2 21.4



#72
Anthracene
Concen: 6.98 ng/ul
RT: 17.13 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM002150.D
Acq: 31 Jul 2015 11:22

Tgt Ion:178 Resp: 81223
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 17.9 14.1 21.1

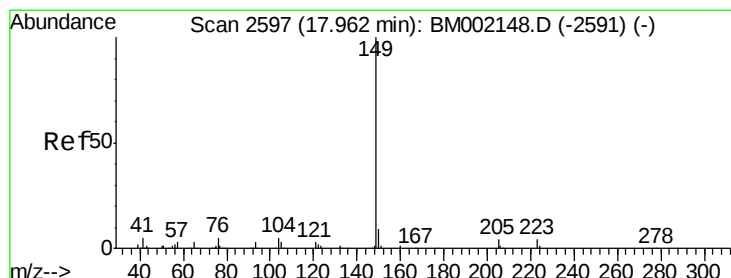
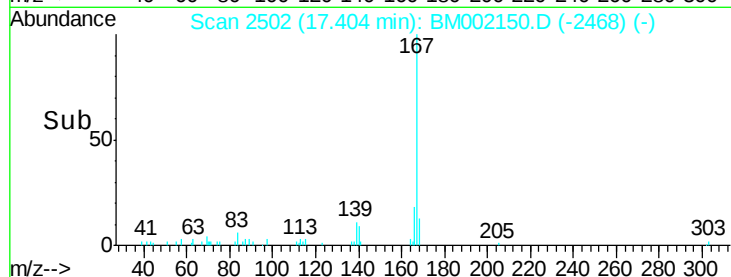
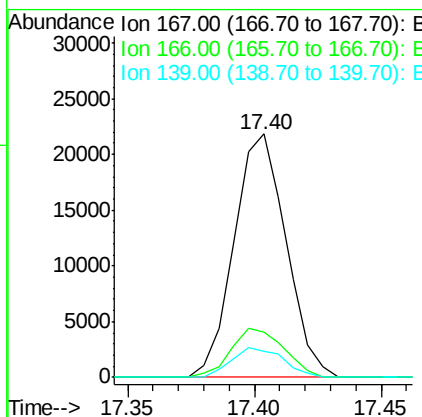
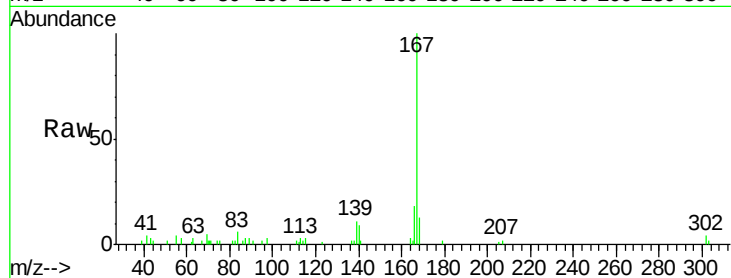




#75
 Carbazole
 Concen: 3.13 ng/ul
 RT: 17.40 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

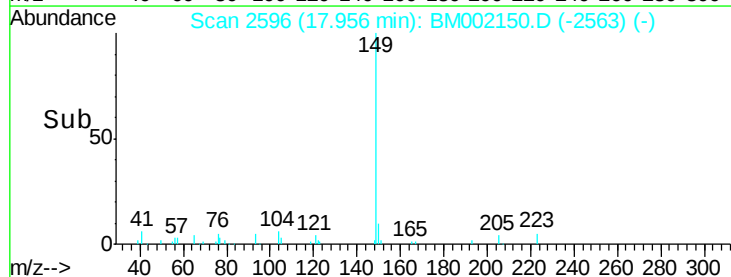
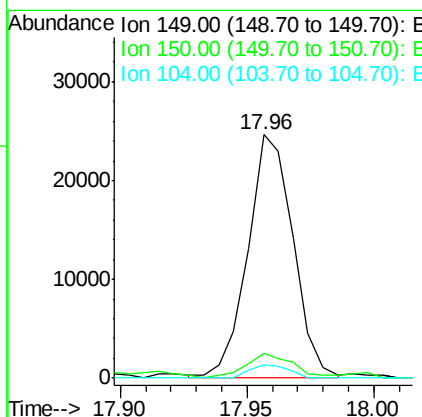
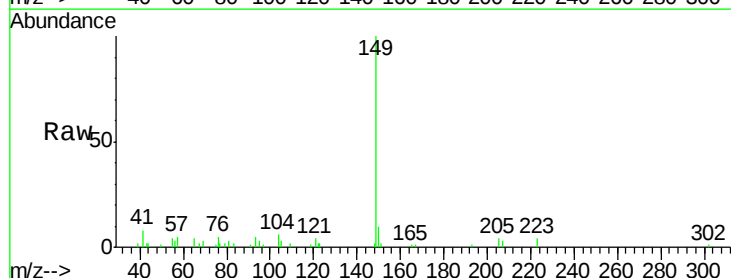
Instrument :
 BNA_M
 ClientSampleId :
 C01MODL

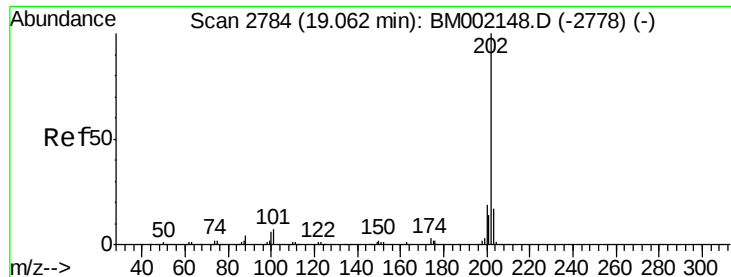
Tot Ion:167 Resp: 31120
 Ion Ratio Lower Upper
 167 100
 166 18.3 16.2 24.4
 139 10.8 9.6 14.4



#76
 Di-n-butylphthalate
 Concen: 2.60 ng/ul
 RT: 17.96 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

Tgt Ion:149 Resp: 30811
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.0 10.4
 104 5.6 4.2 6.2

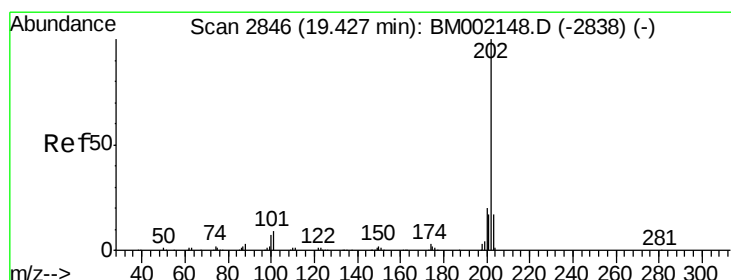
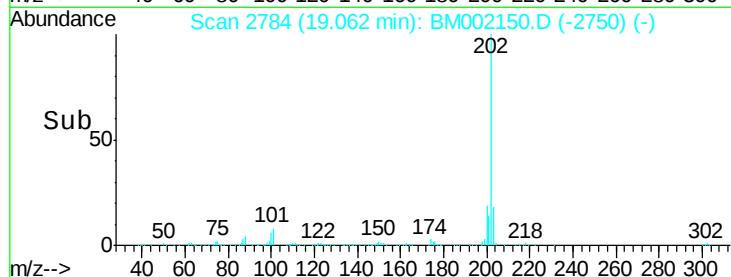
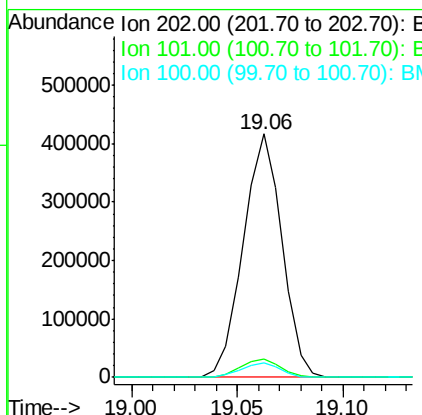
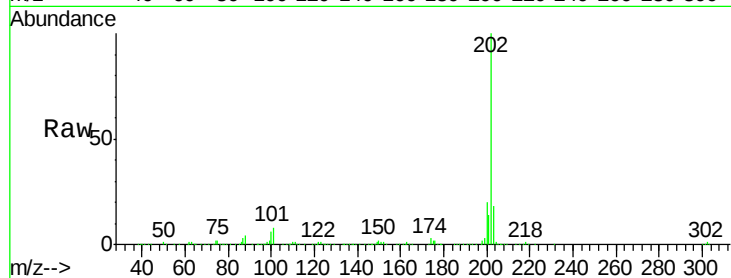




#77
Fluoranthene
 Concen: 40.40 ng/ul
 RT: 19.06 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

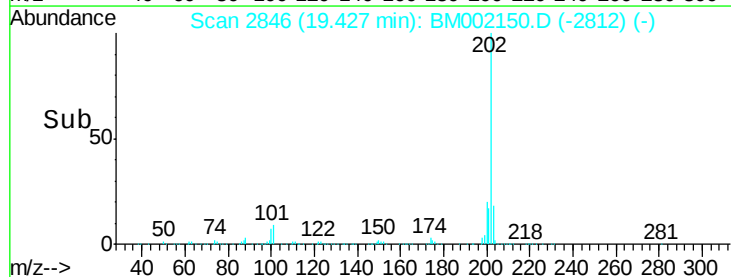
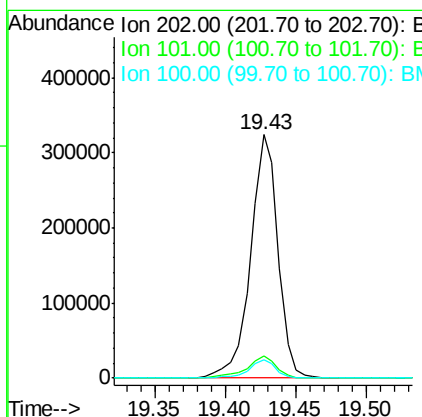
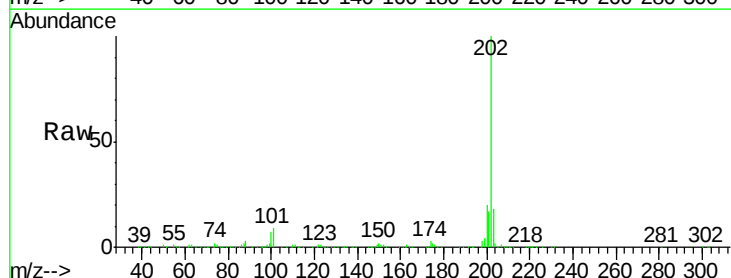
Instrument :
 BNA_M
 ClientSampleId :
 C01MODL

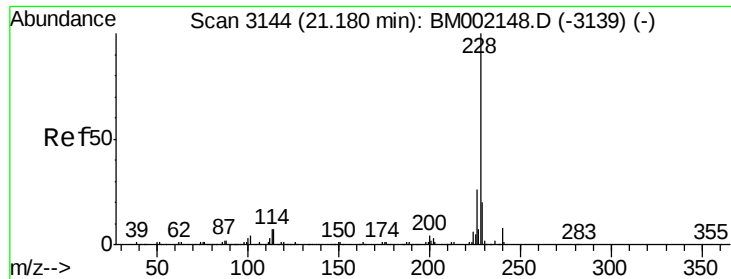
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.4
100	5.7	5.2	7.8



#80
Pyrene
 Concen: 31.50 ng/ul
 RT: 19.43 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.4	11.2
100	7.4	6.3	9.5

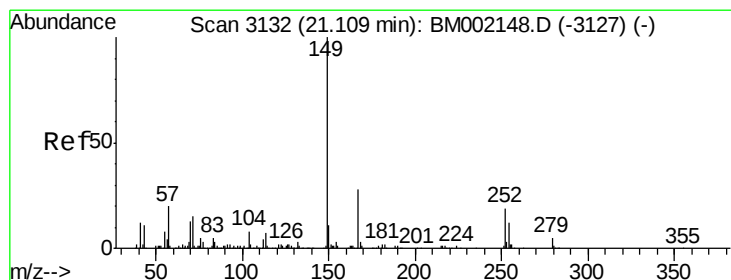
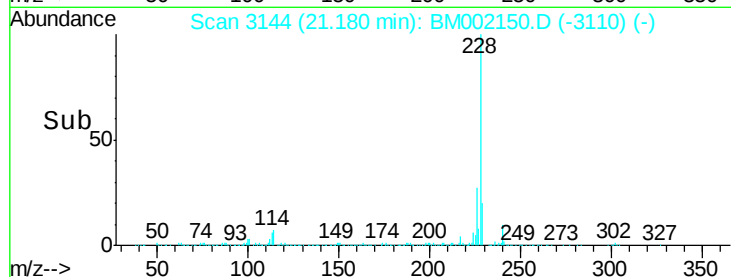
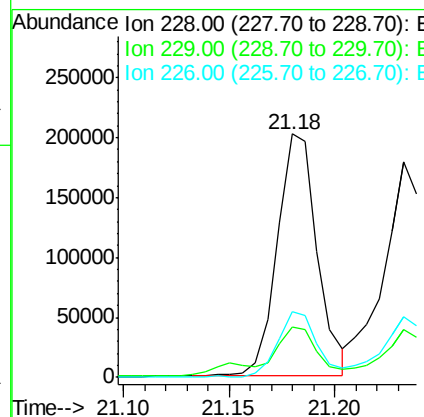
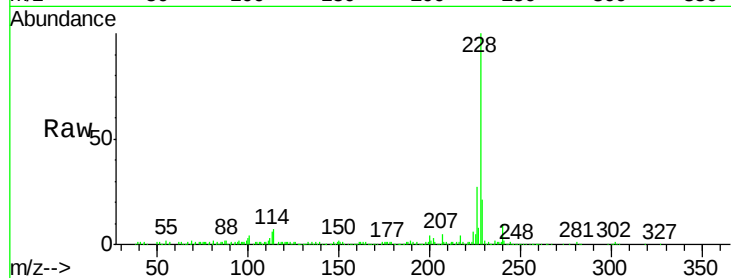




#83
 Benzo(a)anthracene
 Concen: 18.60 ng/ul
 RT: 21.18 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

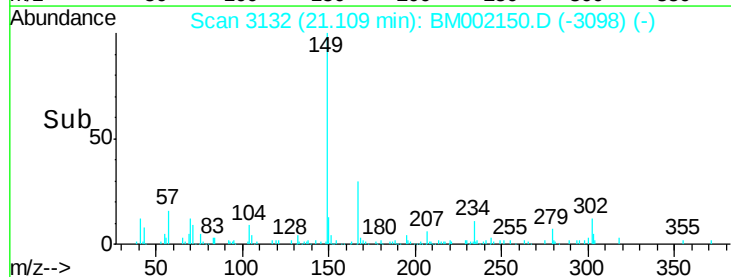
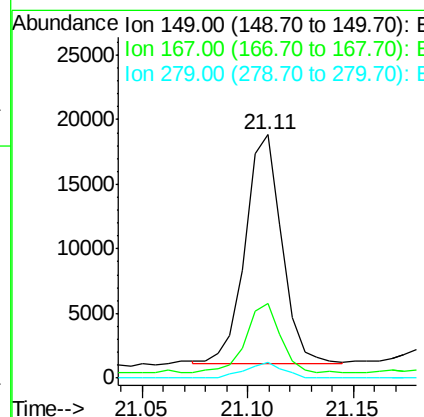
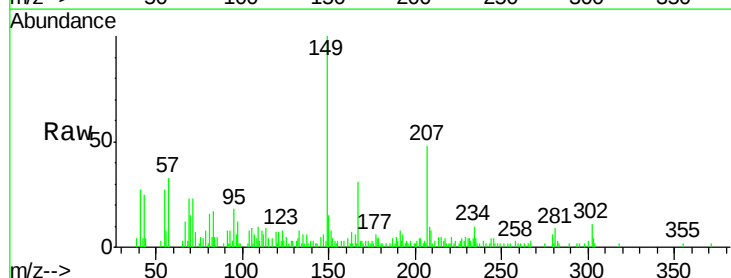
Instrument :
 BNA_M
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 C01MODL

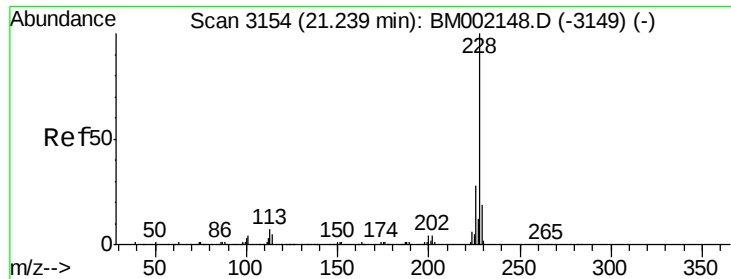
Tot Ion:228 Resp: 265653
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.4 23.2
 226 26.8 20.5 30.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.61 ng/ul
 RT: 21.11 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

Tgt Ion:149 Resp: 21423
 Ion Ratio Lower Upper
 149 100
 167 30.7 23.6 35.4
 279 6.4 4.2 6.4#

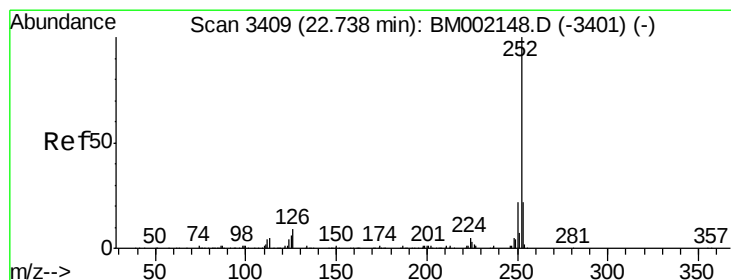
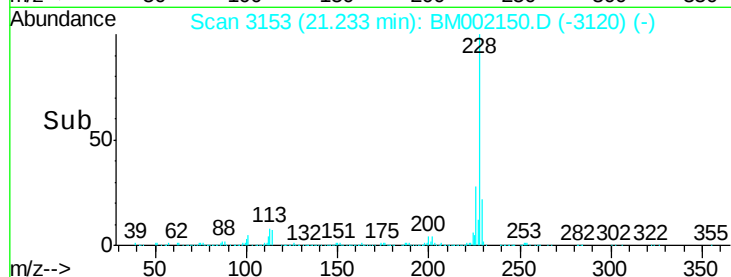
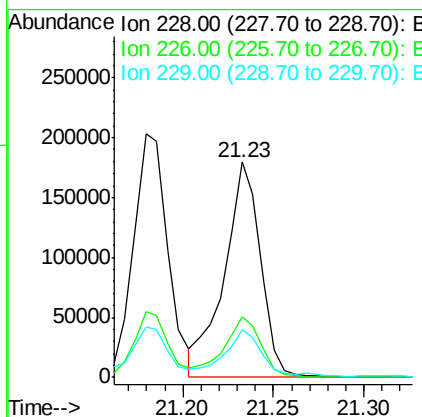
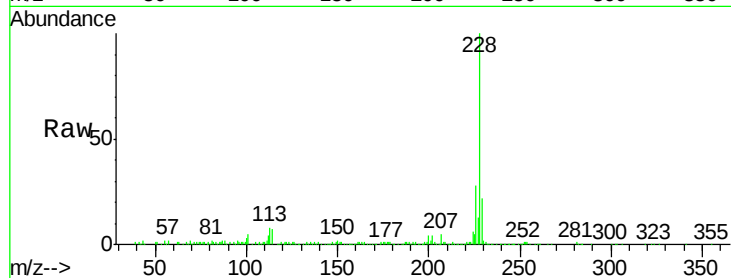




#85
 Chrvsene
 Concen: 18.68 ng/ul
 RT: 21.23 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

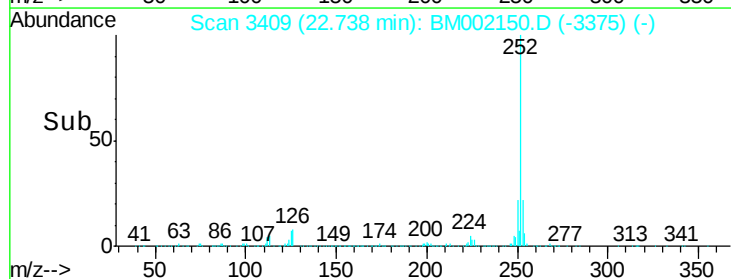
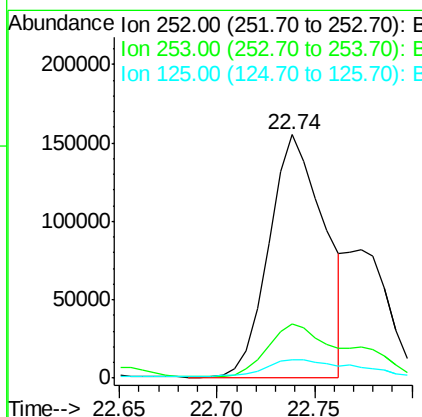
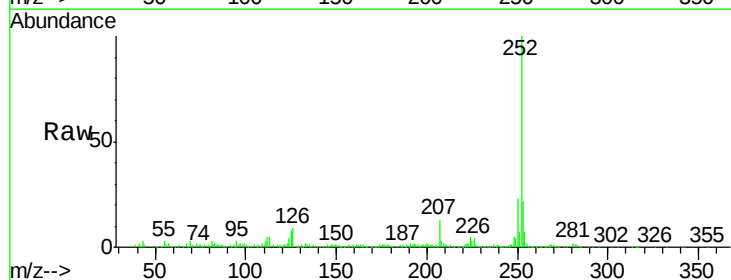
Instrument :
 BNA_M
 ClientSampleId :
 C01MODL

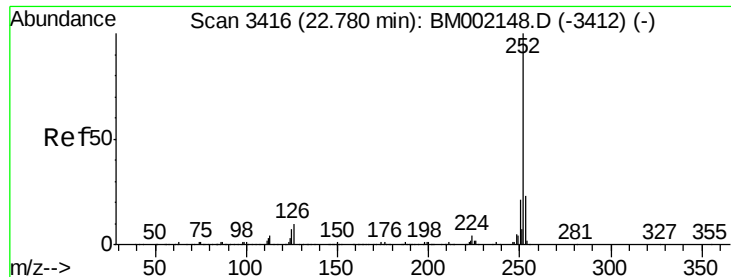
Tot Ion:228 Resp: 249621
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.3 33.5
 229 22.0 15.5 23.3



#88
 Benzo(b)fluoranthene
 Concen: 20.08 ng/ul
 RT: 22.74 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

Tgt Ion:252 Resp: 304592
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.9 25.3
 125 7.5 6.2 9.2

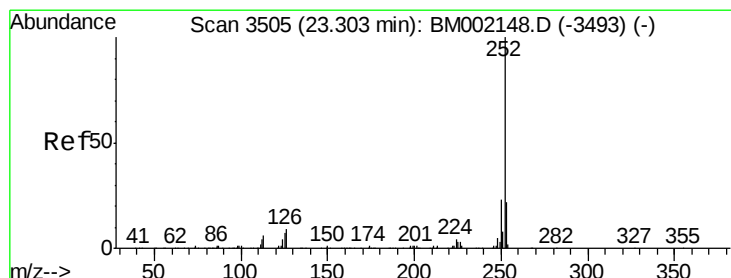
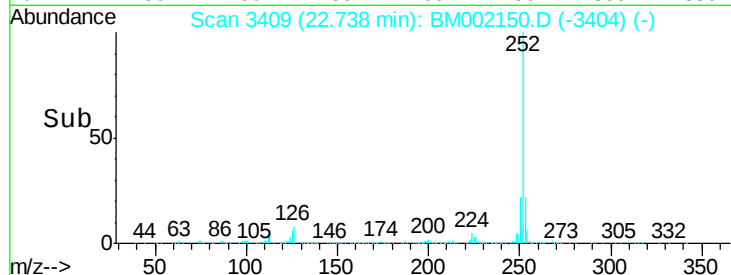
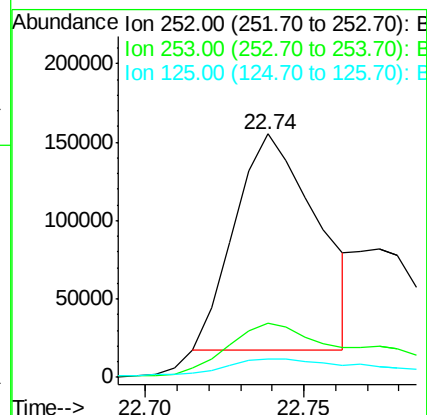
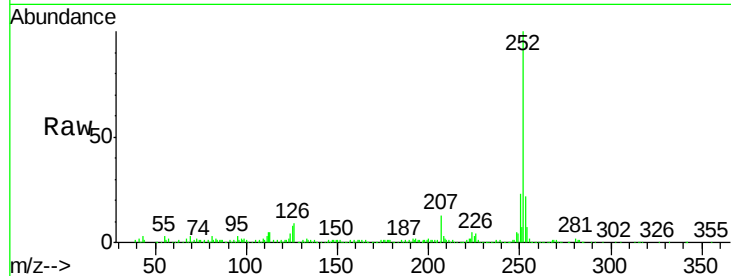




#89
Benzo(k)fluoranthene
Concen: 16.98 ng/ul
RT: 22.74 min Scan# 3409
Delta R.T. -0.04 min
Lab File: BM002150.D
Acq: 31 Jul 2015 11:22

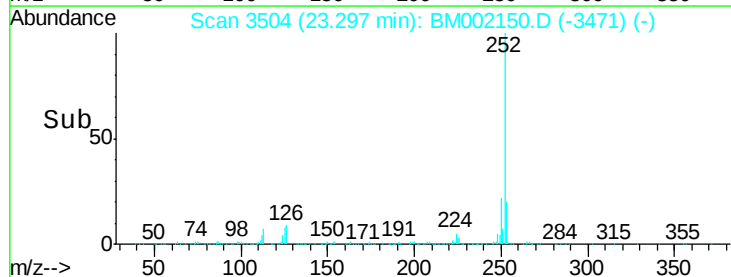
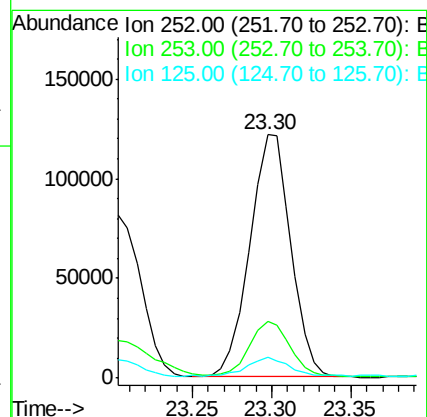
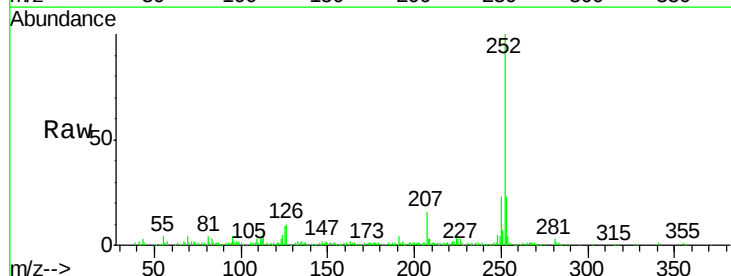
Instrument :
BNA_M
ClientSampleId :
C01MODL

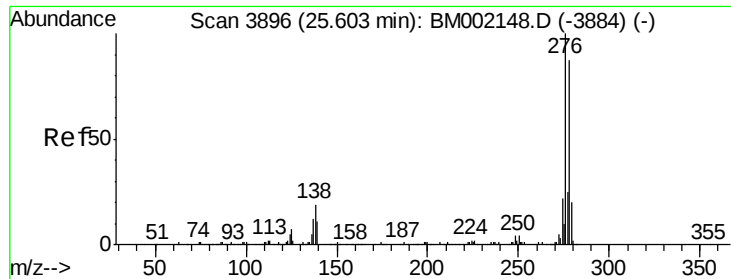
Tot Ion:252 Resp: 248461
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 7.5 6.2 9.4



#91
Benzo(a)pyrene
Concen: 14.96 ng/ul
RT: 23.30 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM002150.D
Acq: 31 Jul 2015 11:22

Tgt Ion:252 Resp: 218996
Ion Ratio Lower Upper
252 100
253 23.4 17.2 25.8
125 8.8 6.6 10.0





#92

Indeno(1,2,3-cd)pyrene

Concen: 8.65 ng/ul

RT: 25.60 min Scan# 3896

Delta R.T. 0.00 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

Instrument :

BNA_M

ClientSampleId :

C01MODL

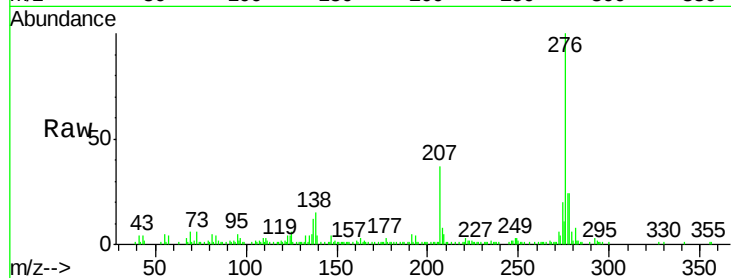
Tot Ion:276 Resp: 145881

Ion Ratio Lower Upper

276 100

138 15.0 16.2 24.2#

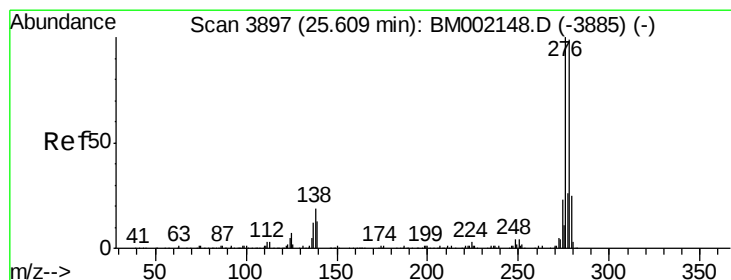
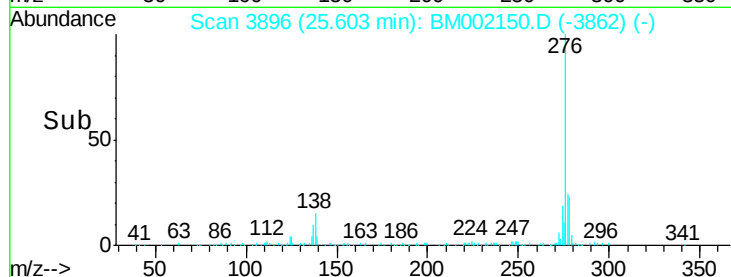
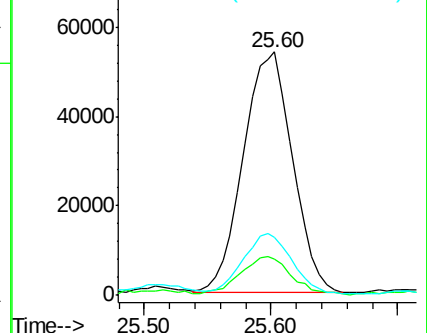
277 24.1 19.8 29.8



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



#93

Dibenzo(a,h)anthracene

Concen: 2.84 ng/ul

RT: 25.60 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM002150.D

Acq: 31 Jul 2015 11:22

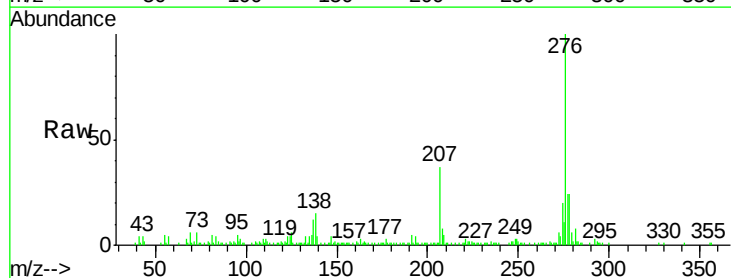
Tgt Ion:278 Resp: 40943

Ion Ratio Lower Upper

278 100

139 17.6 10.6 16.0#

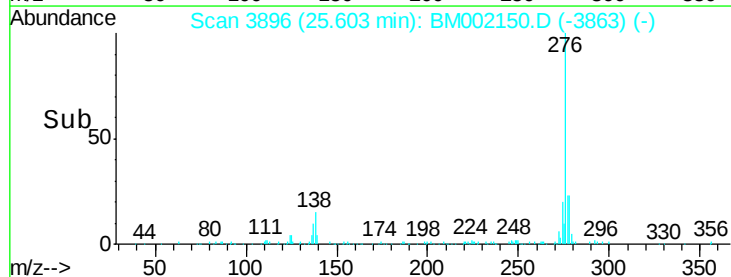
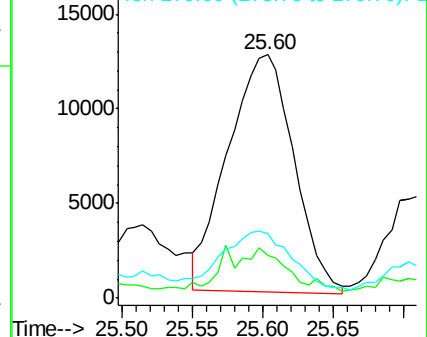
279 26.2 18.5 27.7

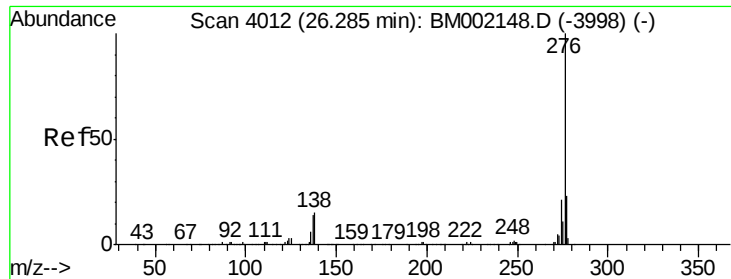


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

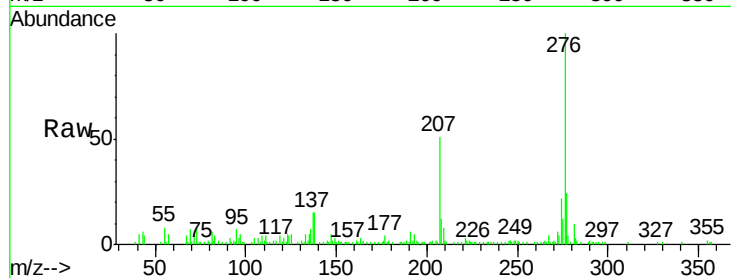




#94
 Benzo(a,h,i)perylene
 Concen: 8.79 ng/ul
 RT: 26.27 min Scan# 4010
 Delta R.T. -0.01 min
 Lab File: BM002150.D
 Acq: 31 Jul 2015 11:22

Instrument :
 BNA_M
 ClientSampleId :
 C01MODL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.8	20.6
277	24.1	18.2	27.2



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

