

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002741.D
 Acq On : 28 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3798-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G74

Quant Time: Sep 29 02:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

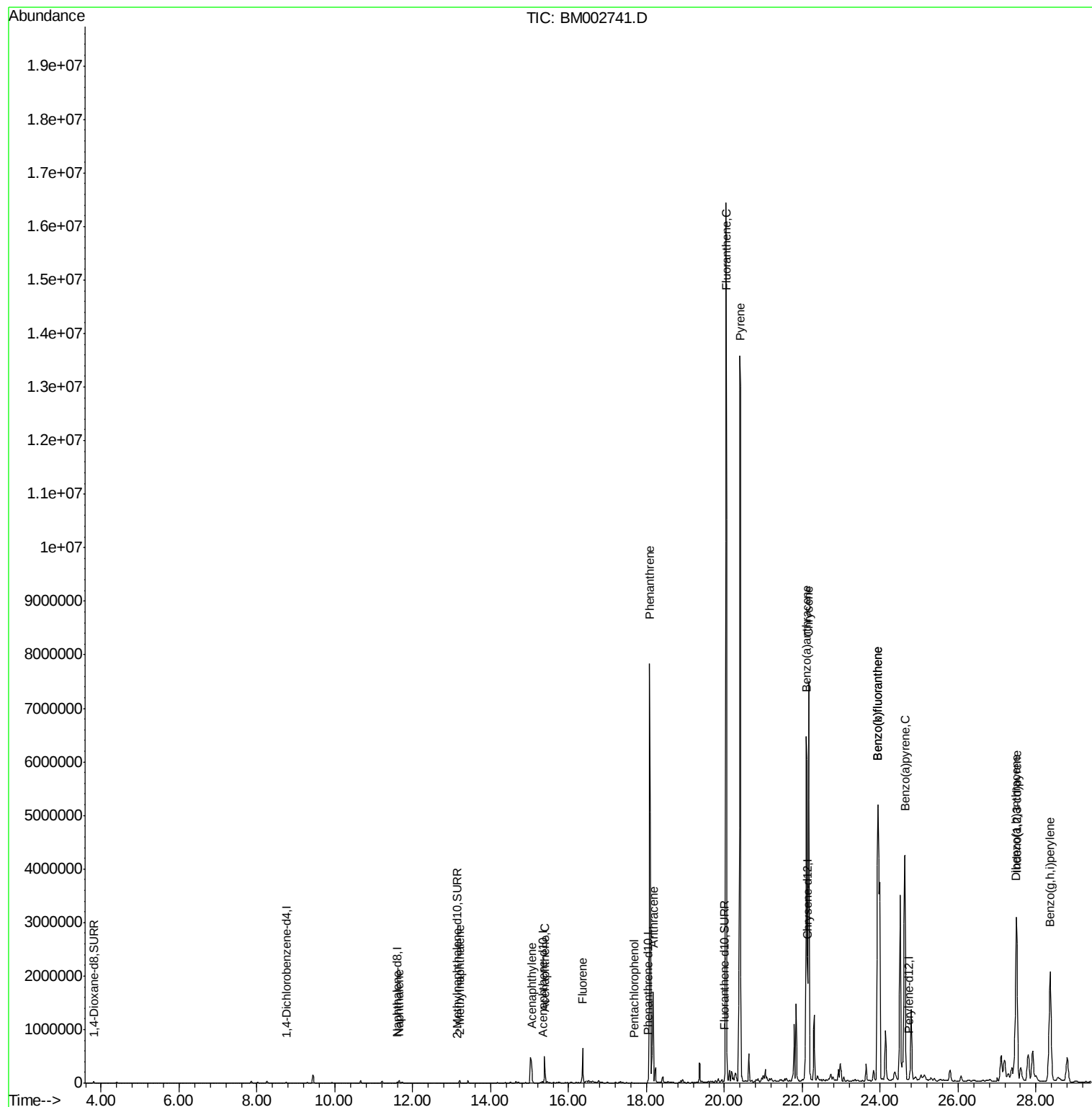
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	9301	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	36201	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	19963	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	41006	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	52990	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	53872	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	20276	2.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	5706	0.11	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	7778	0.08	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	73776	0.75	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	41803	0.66	ng/ul	99
9) Acenaphthylene	15.06	152	228229	2.22	ng/ul	96
10) Acenaphthene	15.38	153	313381	4.17	ng/ul	96
11) Fluorene	16.36	166	437671	5.11	ng/ul	91
13) Pentachlorophenol	17.69	266	559	0.07	ng/ul	91
14) Phenanthrene	18.08	178	9905549	74.24	ng/ul	97
15) Anthracene	18.17	178	1978795	16.04	ng/ul	97
17) Fluoranthene	20.05	202	16730597	115.29	ng/ul	76
19) Pyrene	20.41	202	14963440	72.46	ng/ul#	91
20) Benzo(a)anthracene	22.11	228	8165398	46.11	ng/ul	97
21) Chrysene	22.17	228	8249011	48.67	ng/ul	96
23) Benzo(b)fluoranthene	23.94	252	15348387	79.03	ng/ul	98
24) Benzo(k)fluoranthene	23.94	252	15348387	85.30	ng/ul	95
25) Benzo(a)pyrene	24.64	252	7314686	40.90	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	27.50	276	5762942	28.89	ng/ul	95
27) Dibenzo(a,h)anthracene	27.49	278	1391600	8.51	ng/ul	97
28) Benzo(a,h,i)perylene	28.37	276	4921183	29.10	ng/ul	98

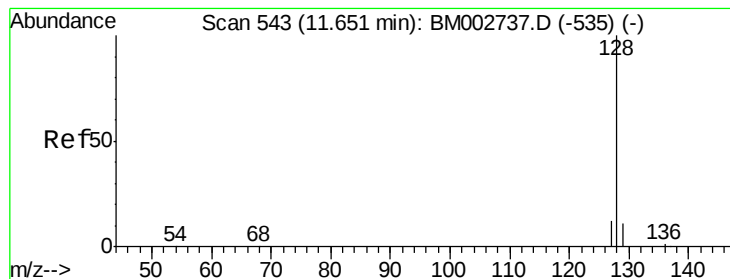
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.75 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

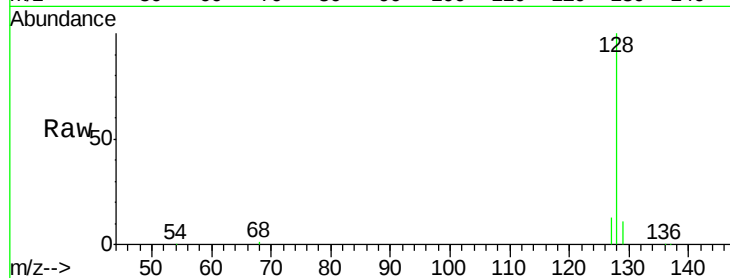
Tot Ion:128 Resp: 73776

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

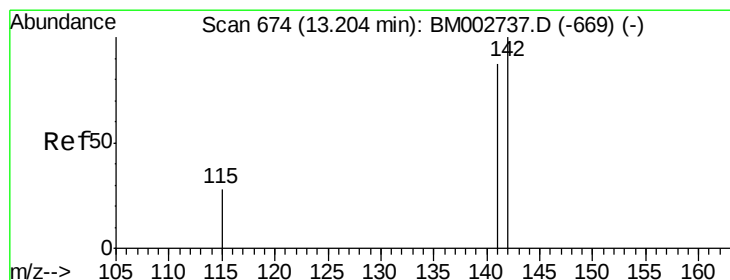
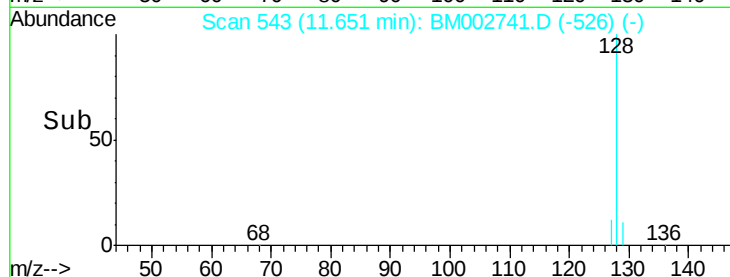
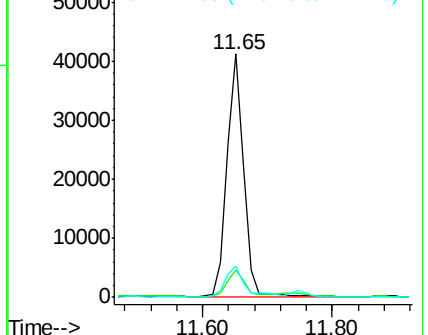
127 12.6 10.7 16.1



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



#7

2-Methylnaphthalene

Concen: 0.66 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002741.D

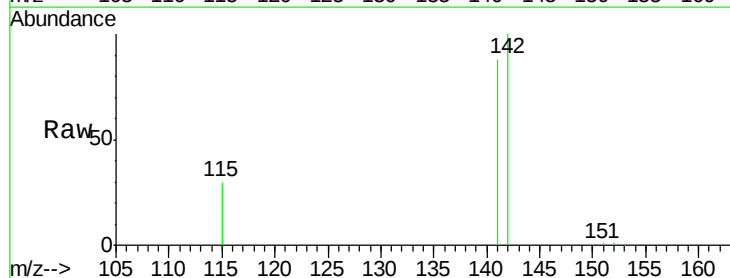
Acq: 28 Sep 2015 19:41

Tgt Ion:142 Resp: 41803

Ion Ratio Lower Upper

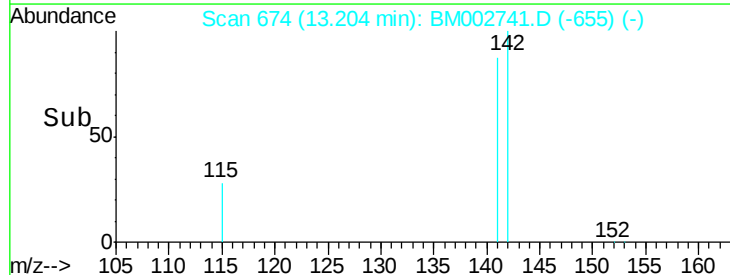
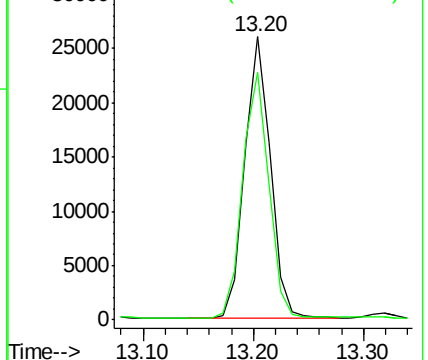
142 100

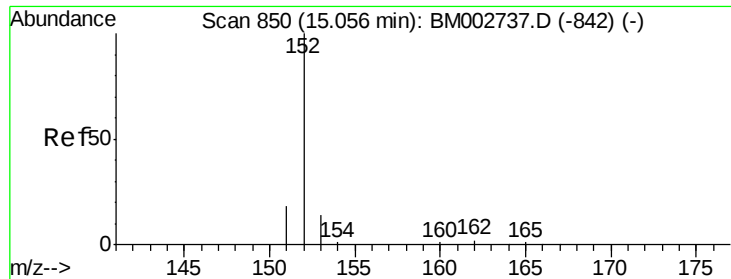
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 2.22 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

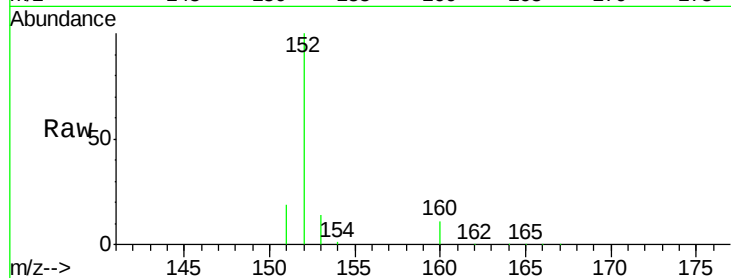
Tot Ion:152 Resp: 228229

Ion Ratio Lower Upper

152 100

151 18.6 16.8 25.2

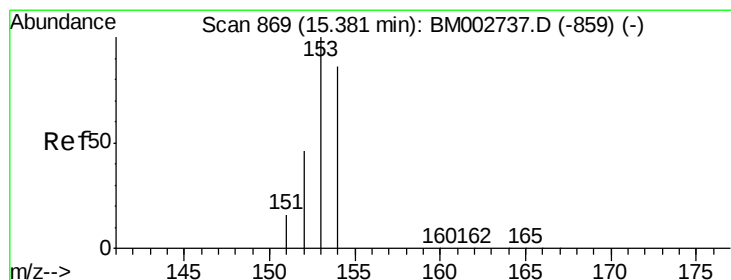
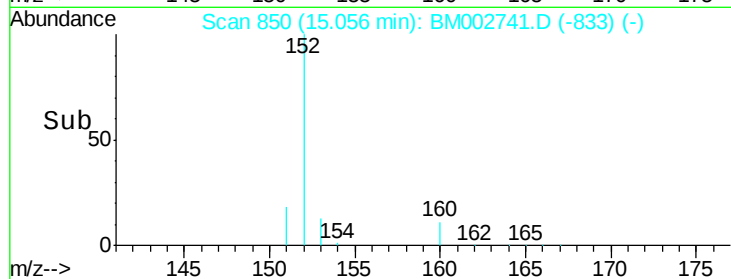
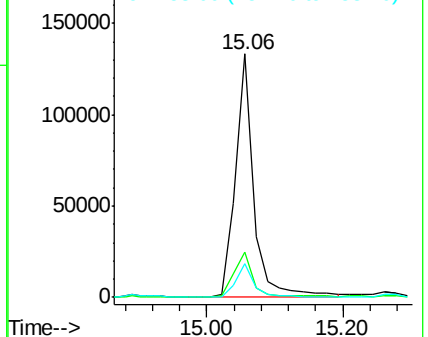
153 13.6 11.3 16.9



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



#10

Acenaphthene

Concen: 4.17 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

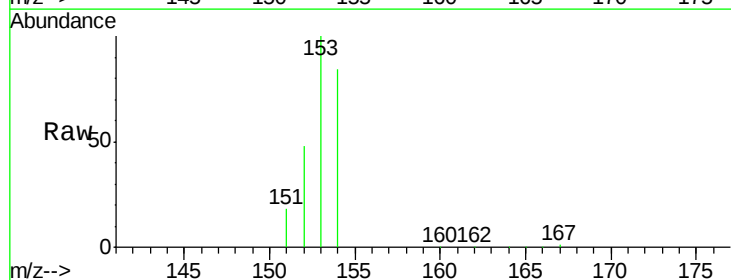
Tgt Ion:153 Resp: 313381

Ion Ratio Lower Upper

153 100

152 48.3 42.3 63.5

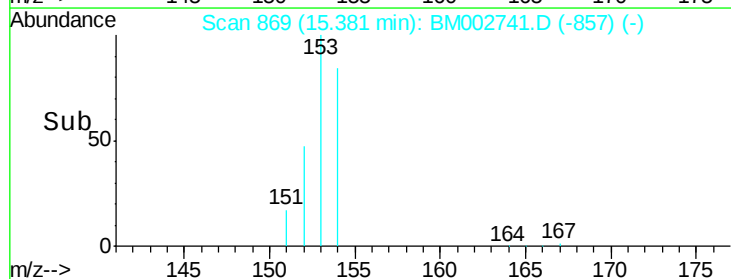
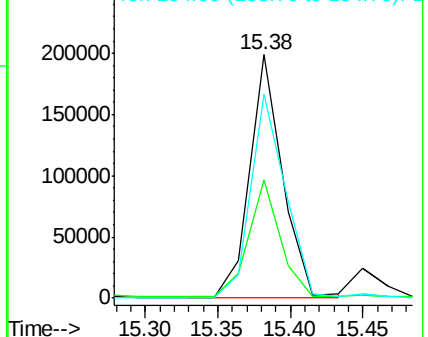
154 83.7 64.7 97.1

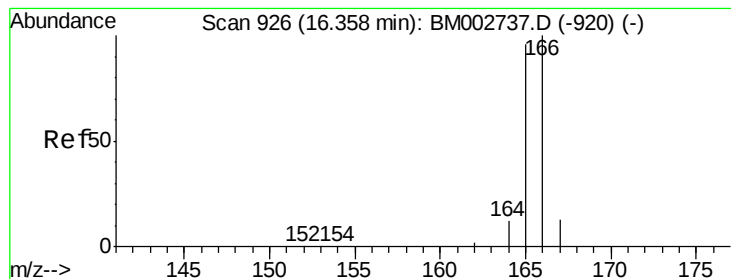


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 5.11 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

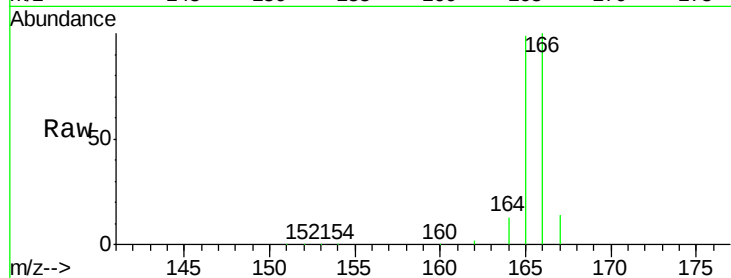
Tot Ion:166 Resp: 437671

Ion Ratio Lower Upper

166 100

165 98.7 87.6 131.4

167 13.9 11.1 16.7



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

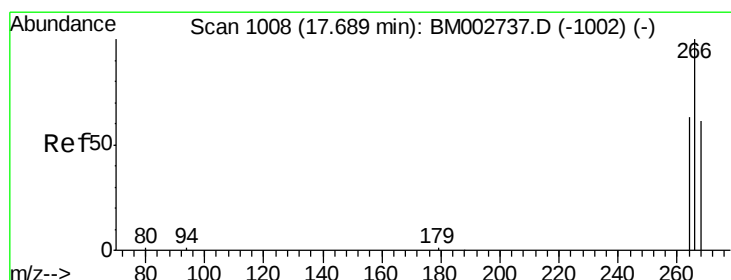
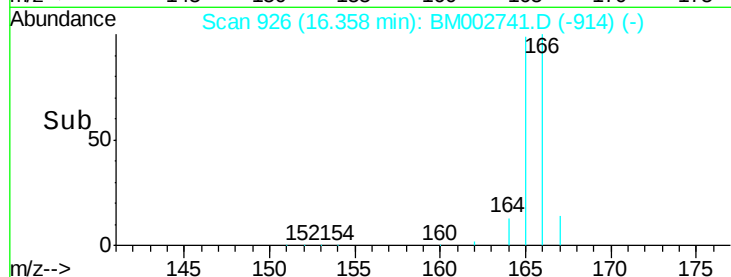
300000 16.36

200000

100000

0

Time-->



#13

Pentachlorophenol

Concen: 0.07 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

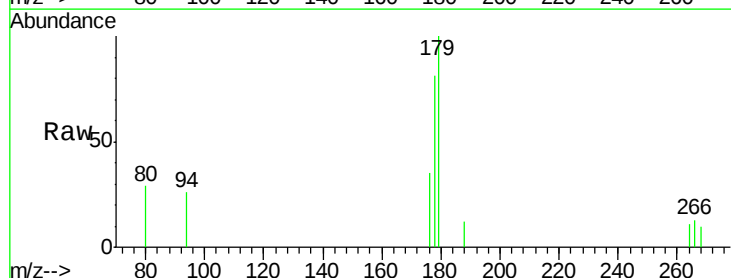
Tgt Ion:266 Resp: 559

Ion Ratio Lower Upper

266 100

264 73.5 53.5 80.3

268 75.7 54.2 81.2



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

400 17.69

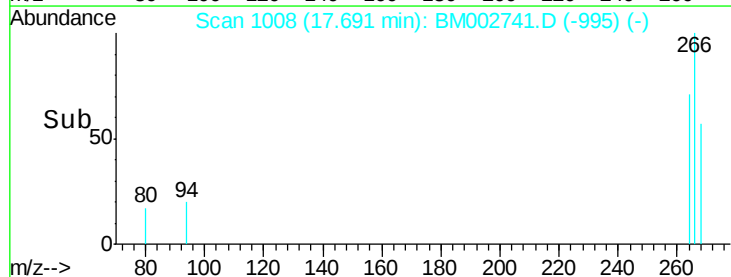
300

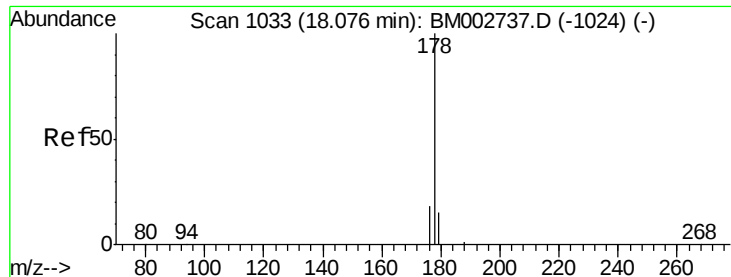
200

100

0

Time-->





#14

Phenanthrene

Concen: 74.24 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

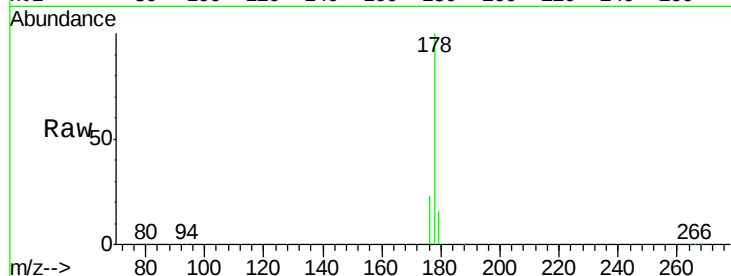
Tot Ion:178 Resp: 9905549

Ion Ratio Lower Upper

178 100

176 22.9 16.2 24.4

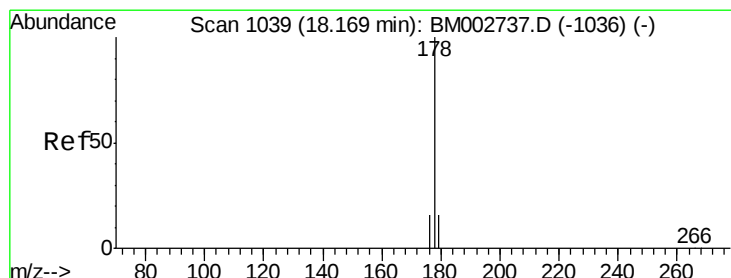
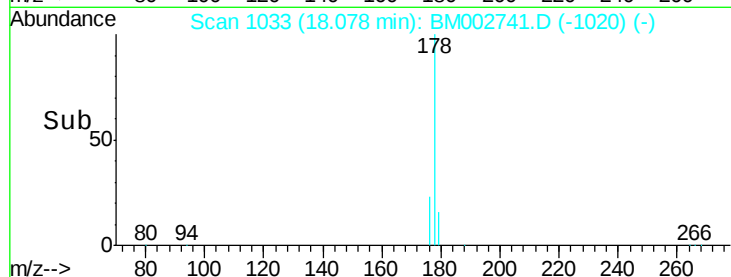
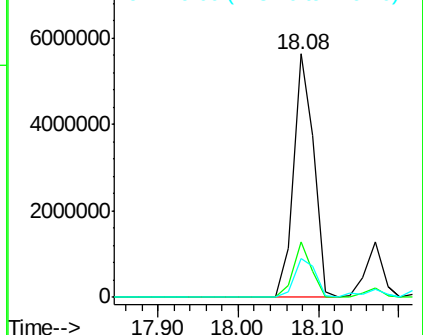
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Anthracene

Concen: 16.04 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

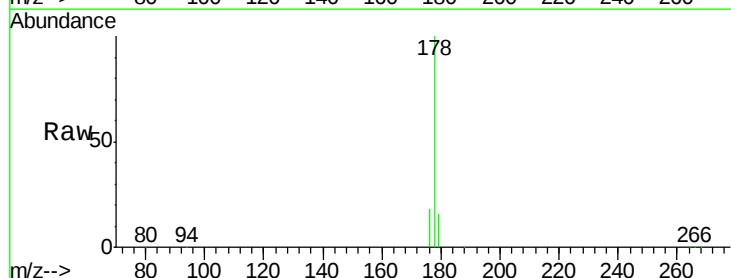
Tgt Ion:178 Resp: 1978795

Ion Ratio Lower Upper

178 100

176 17.5 15.8 23.8

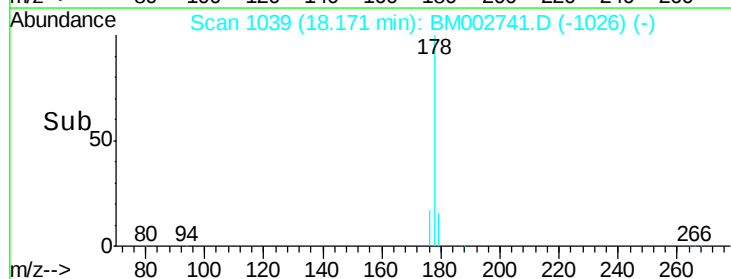
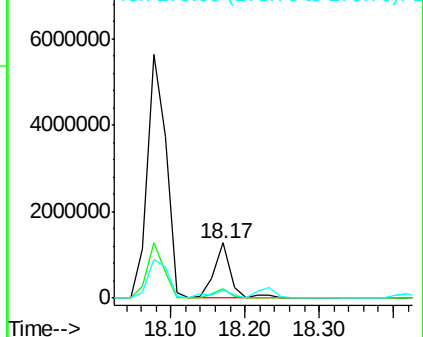
179 15.9 13.3 19.9

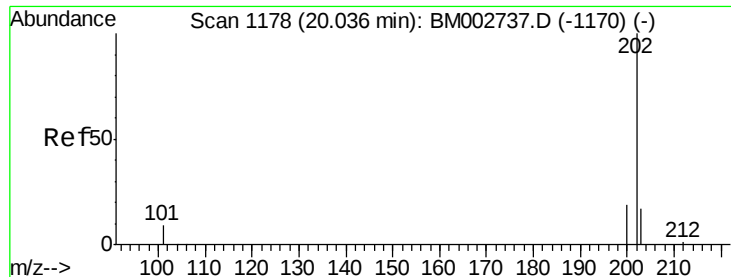


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

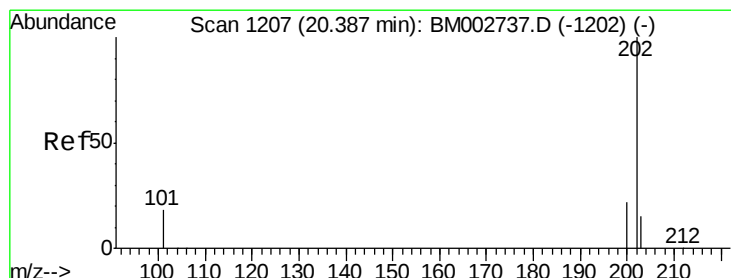
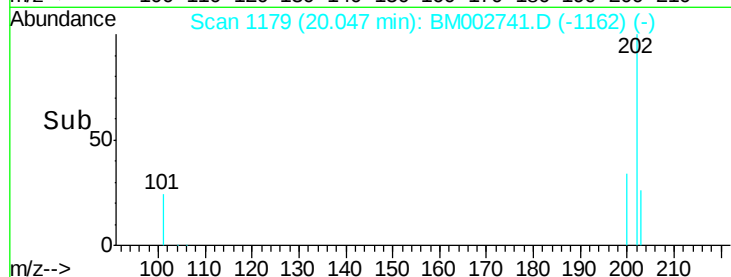
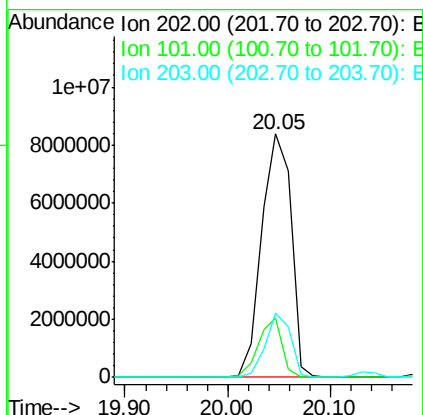
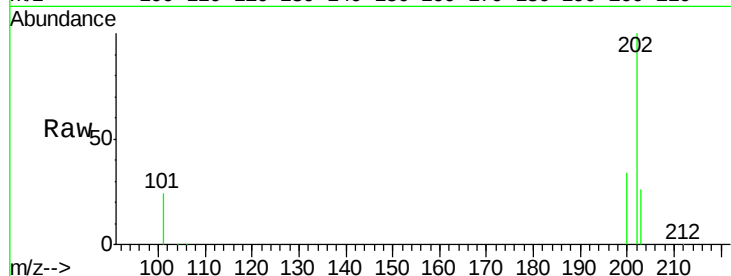




#17
 Fluoranthene
 Concen: 115.29 ng/ul
 RT: 20.05 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

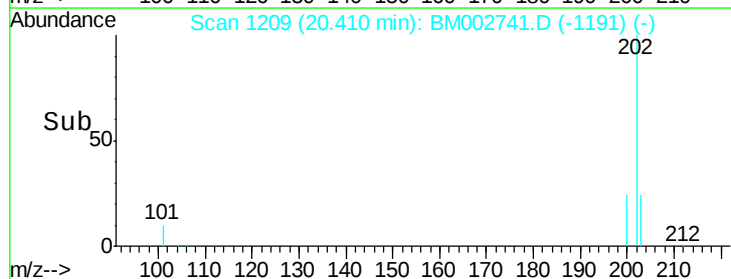
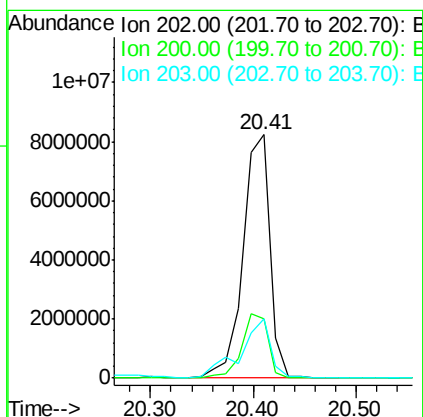
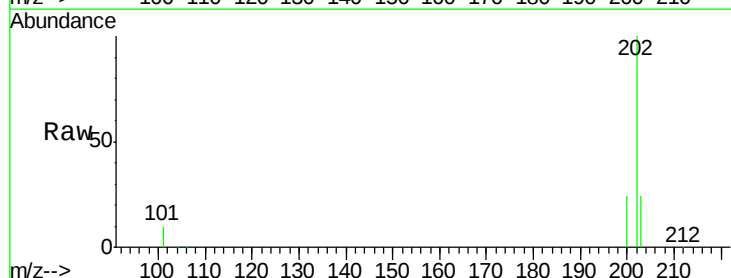
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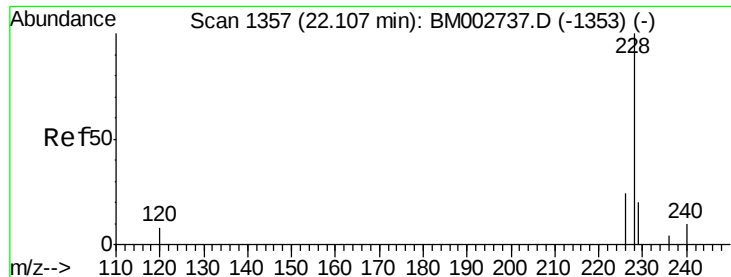
Tot Ion:202 Resp:16730597
 Ion Ratio Lower Upper
 202 100
 101 24.3 0.0 33.1
 203 26.4 0.0 37.2



#19
 Pyrene
 Concen: 72.46 ng/ul
 RT: 20.41 min Scan# 1209
 Delta R.T. 0.02 min
 Lab File: BM002741.D
 Acq: 28 Sep 2015 19:41

Tgt Ion:202 Resp:14963440
 Ion Ratio Lower Upper
 202 100
 200 24.1 18.0 27.0
 203 24.2 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 46.11 ng/ul

RT: 22.11 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

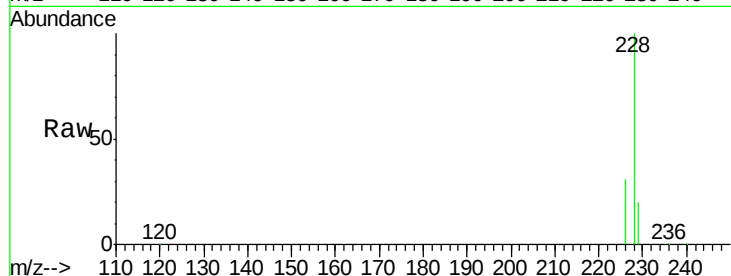
Tot Ion:228 Resp: 8165398

Ion Ratio Lower Upper

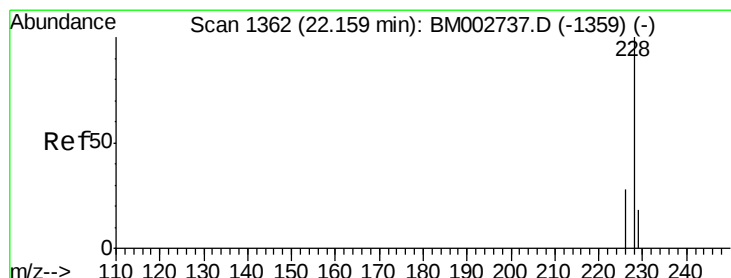
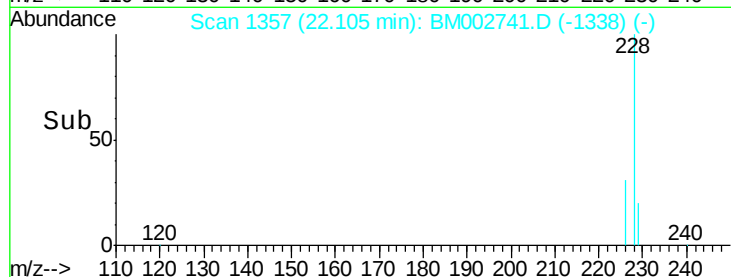
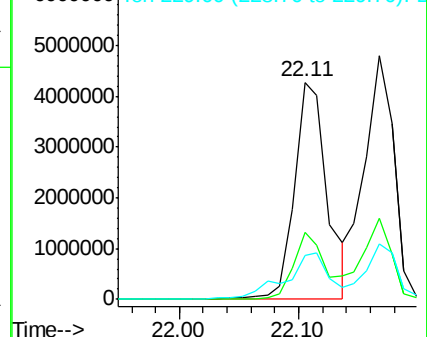
228 100

226 30.8 23.0 34.4

229 20.2 15.2 22.8



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



#21

Chrysene

Concen: 48.67 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

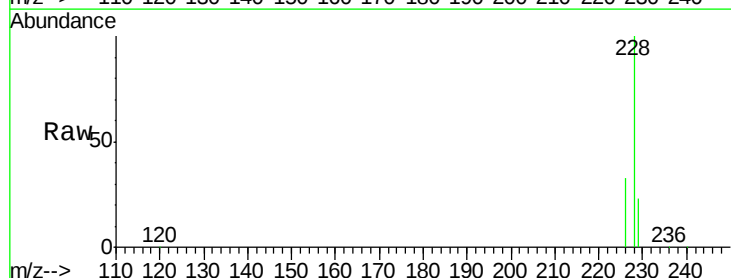
Tgt Ion:228 Resp: 8249011

Ion Ratio Lower Upper

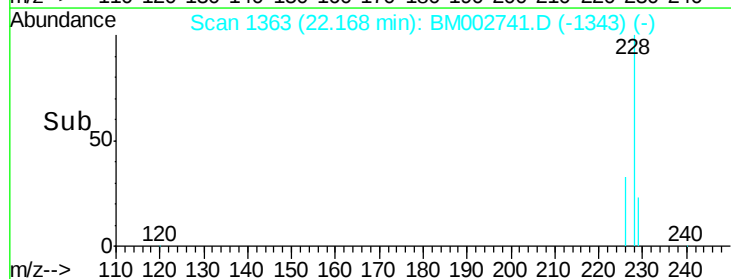
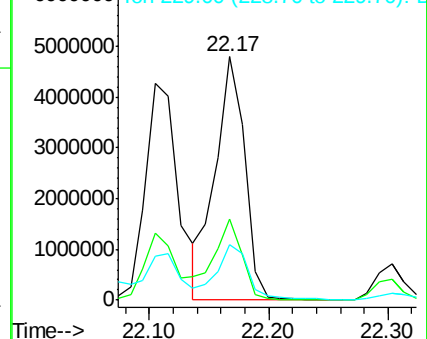
228 100

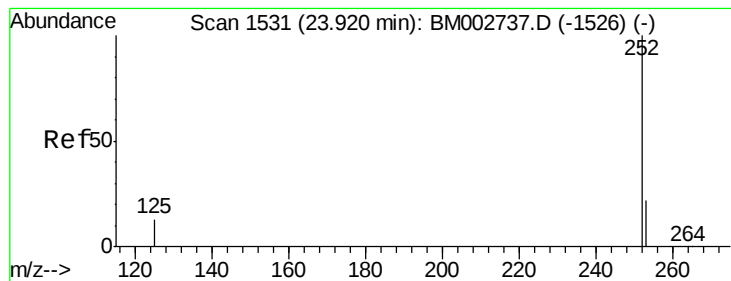
226 33.2 25.7 38.5

229 22.7 15.2 22.8



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





#23

Benzo(b)fluoranthene

Concen: 79.03 ng/ul

RT: 23.94 min Scan# 1533

Delta R.T. 0.02 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

Instrument :

BNA_M

ClientSampleId :

D9G74

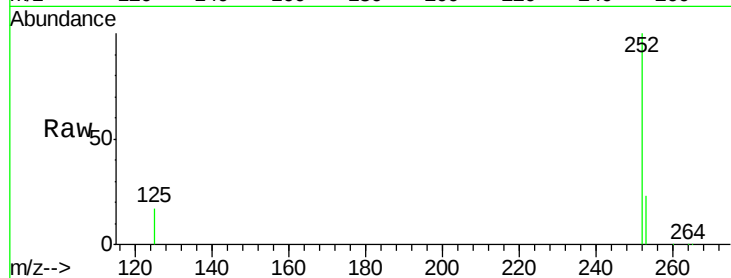
Tot Ion:252 Resp:15348387

Ion Ratio Lower Upper

252 100

253 23.1 0.0 48.0

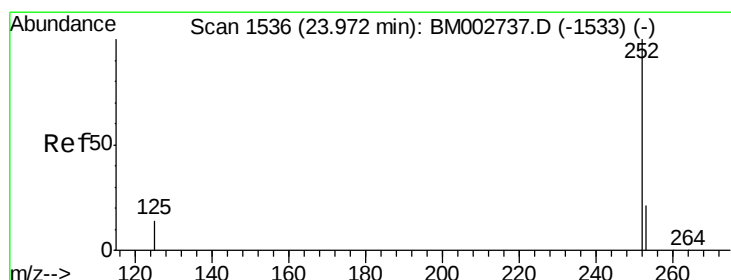
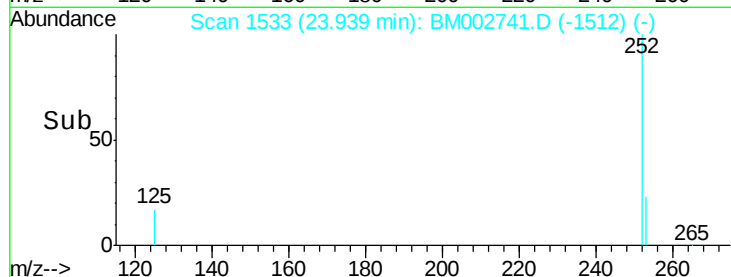
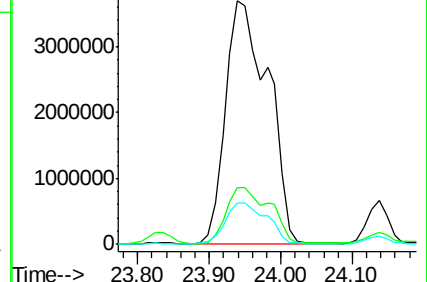
125 17.0 0.0 36.6



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



#24

Benzo(k)fluoranthene

Concen: 85.30 ng/ul

RT: 23.94 min Scan# 1533

Delta R.T. -0.03 min

Lab File: BM002741.D

Acq: 28 Sep 2015 19:41

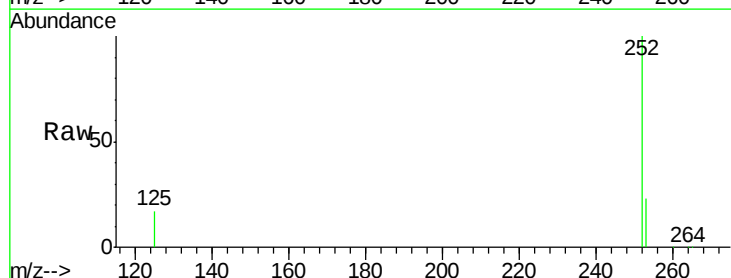
Tgt Ion:252 Resp:15348387

Ion Ratio Lower Upper

252 100

253 23.1 20.8 31.2

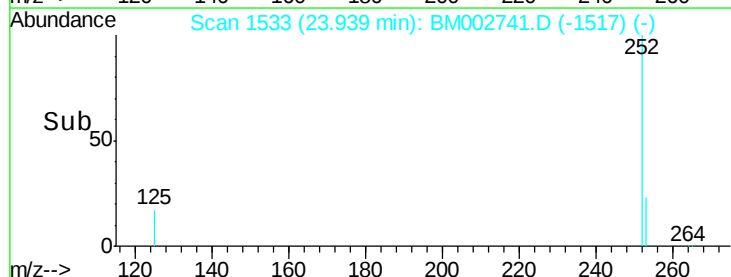
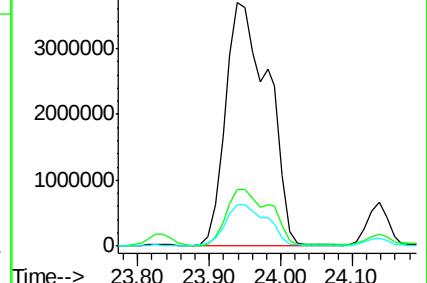
125 17.0 12.2 18.4

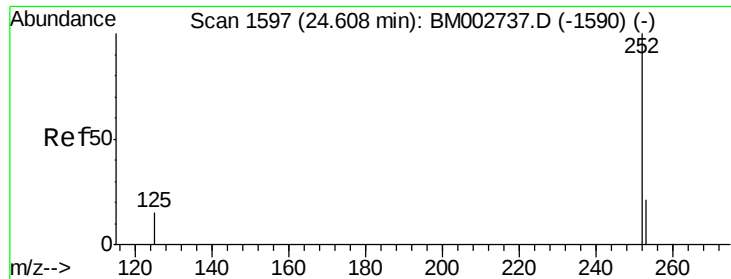


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

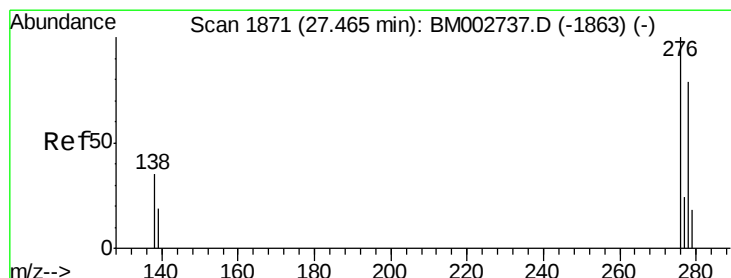
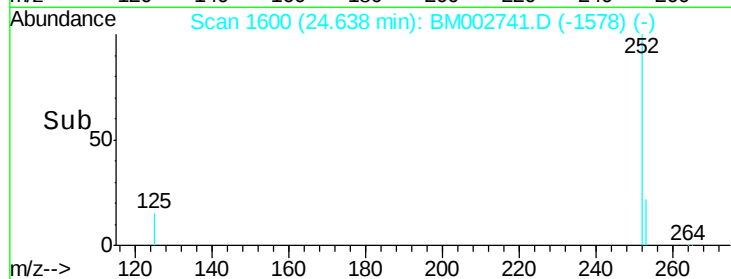
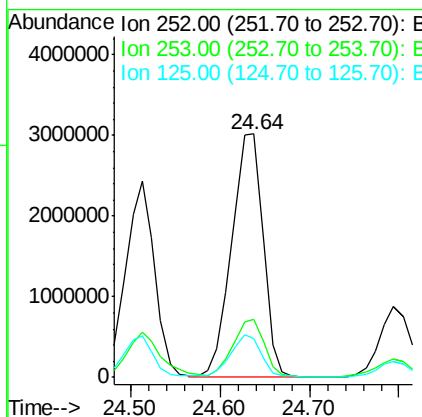
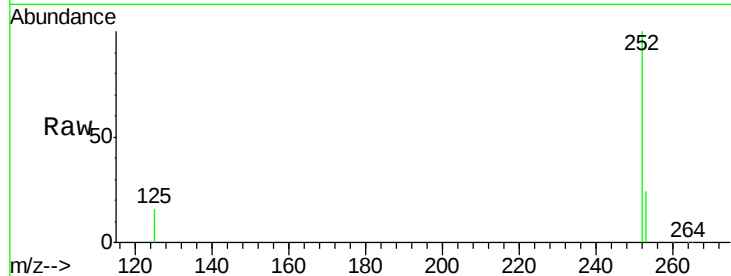




#25
Benzo(a)pyrene
Concen: 40.90 ng/ul
RT: 24.64 min Scan# 1600
Delta R.T. 0.03 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

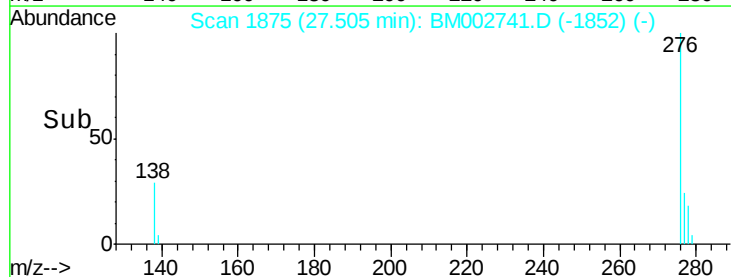
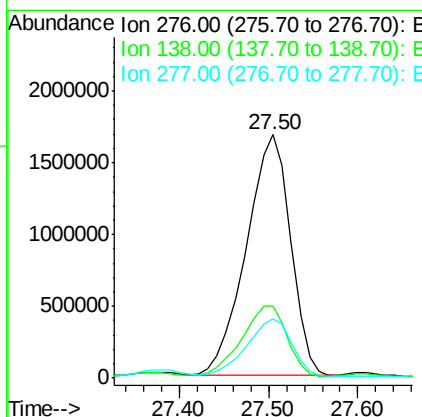
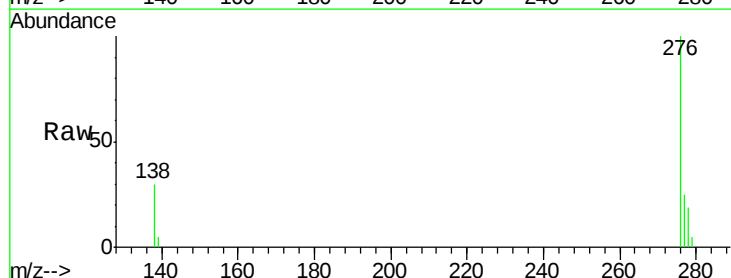
Instrument :
BNA_M
ClientSampleId :
D9G74

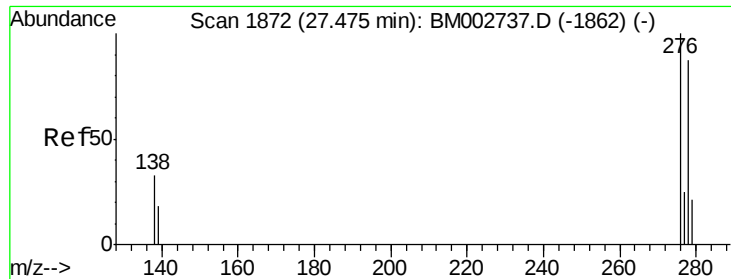
Tot Ion:252 Resp: 7314686
Ion Ratio Lower Upper
252 100
253 23.9 21.8 32.8
125 16.0 14.5 21.7



#26
Indeno(1,2,3-cd)pyrene
Concen: 28.89 ng/ul
RT: 27.50 min Scan# 1875
Delta R.T. 0.04 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Tgt Ion:276 Resp: 5762942
Ion Ratio Lower Upper
276 100
138 30.0 27.5 41.3
277 24.6 19.3 28.9

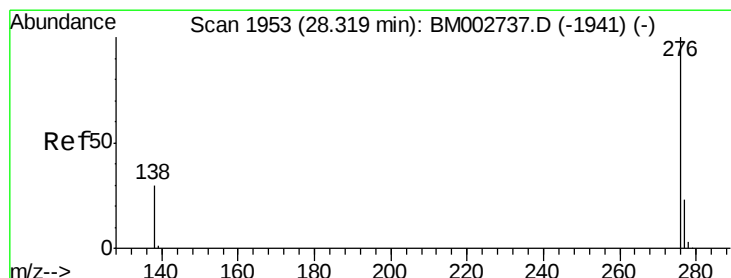
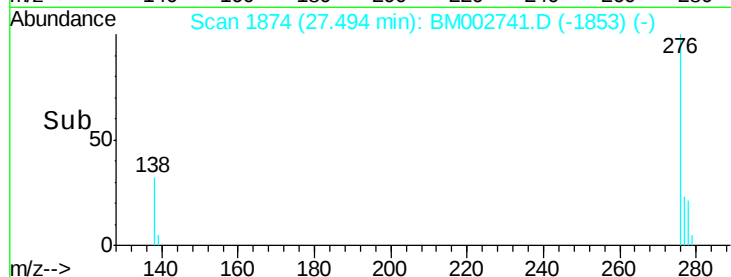
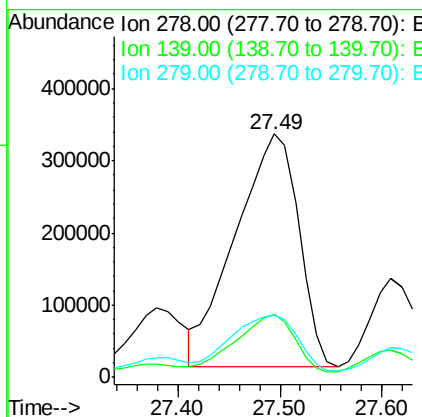
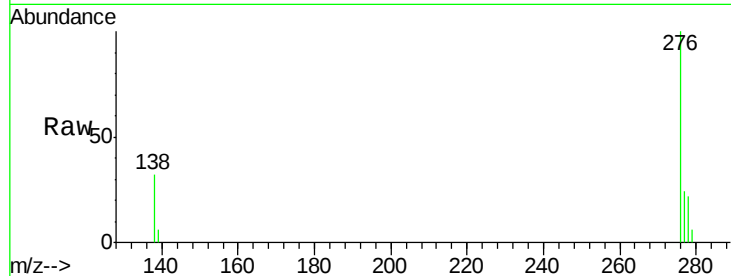




#27
Dibenzo(a,h)anthracene
Concen: 8.51 ng/ul
RT: 27.49 min Scan# 1874
Delta R.T. 0.02 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Instrument :
BNA_M
ClientSampleId :
D9G74

Tot Ion:278 Resp: 1391600
Ion Ratio Lower Upper
278 100
139 25.8 21.7 32.5
279 25.7 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 29.10 ng/ul
RT: 28.37 min Scan# 1958
Delta R.T. 0.05 min
Lab File: BM002741.D
Acq: 28 Sep 2015 19:41

Tgt Ion:276 Resp: 4921183
Ion Ratio Lower Upper
276 100
277 25.4 21.3 31.9
138 30.9 25.5 38.3

