

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002745.D
 Acq On : 28 Sep 2015 22:07
 Operator : UM/IZ
 Sample : G3798-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G61

Quant Time: Sep 29 02:54:18 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

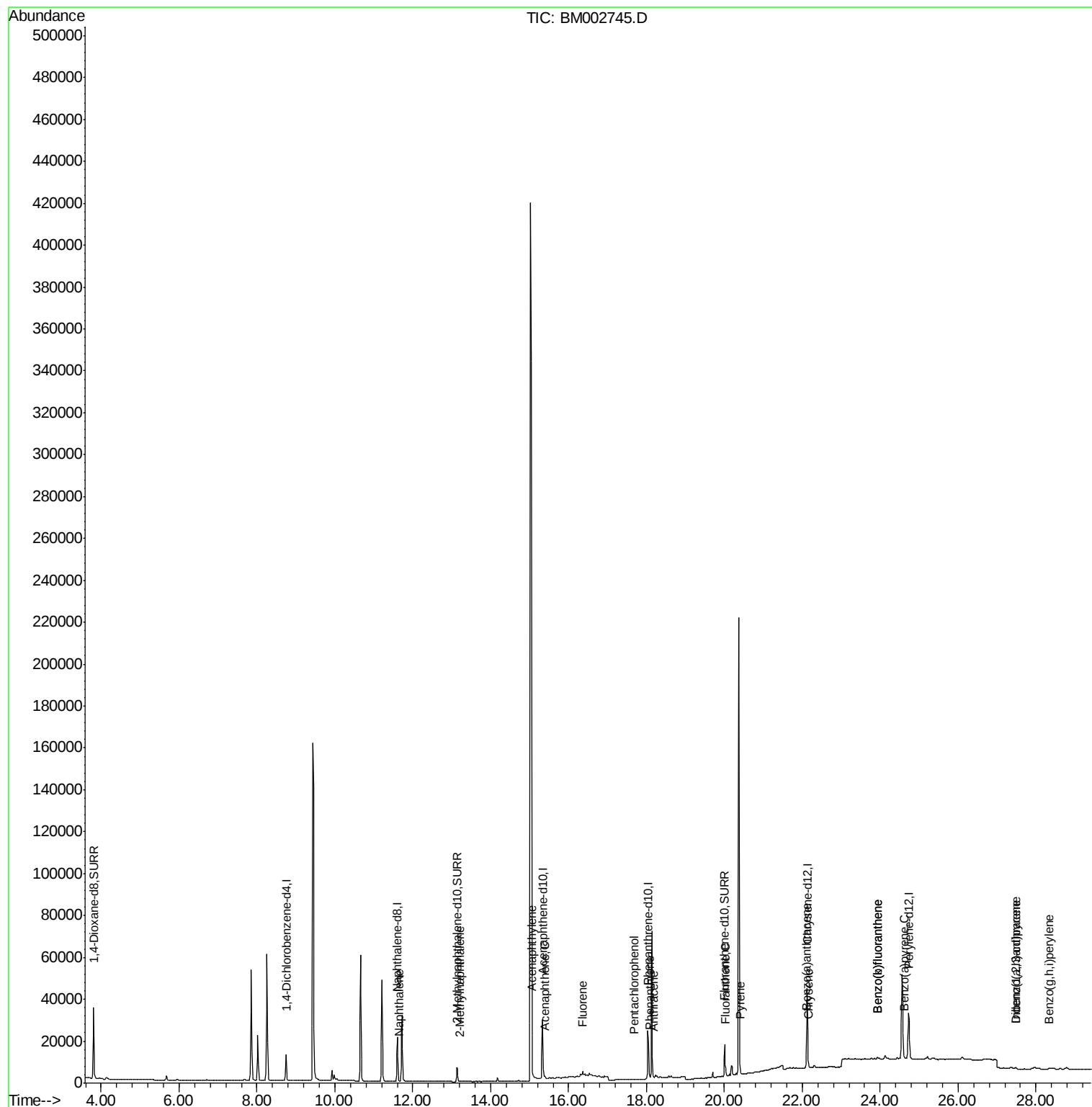
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	8073	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	31299	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	16653	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	34600	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	34752	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	33951	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	30022	3.60	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	9790	0.21	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	17071	0.20	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	322	0.00	ng/ul#	8
7) 2-Methylnaphthalene	13.20	142	348	0.01	ng/ul	89
9) Acenaphthylene	15.06	152	9892	0.12	ng/ul	98
10) Acenaphthene	15.38	153	1765	0.03	ng/ul#	88
11) Fluorene	16.36	166	2525	0.04	ng/ul#	97
13) Pentachlorophenol	17.69	266	202	0.03	ng/ul#	84
14) Phenanthrene	18.08	178	2480	0.02	ng/ul#	69
15) Anthracene	18.17	178	768	0.01	ng/ul#	19
17) Fluoranthene	20.03	202	3155	0.03	ng/ul#	53
19) Pyrene	20.40	202	3261	0.02	ng/ul#	46
20) Benzo(a)anthracene	22.11	228	1845	0.02	ng/ul#	1
21) Chrysene	22.16	228	1778	0.02	ng/ul#	1
23) Benzo(b)fluoranthene	23.93	252	2613	0.02	ng/ul#	1
24) Benzo(k)fluoranthene	23.93	252	2629	0.02	ng/ul#	1
25) Benzo(a)pyrene	24.62	252	1867	0.02	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	27.47	276	1024	0.01	ng/ul#	84
27) Dibenzo(a,h)anthracene	27.47	278	346	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	28.34	276	839	0.01	ng/ul#	1

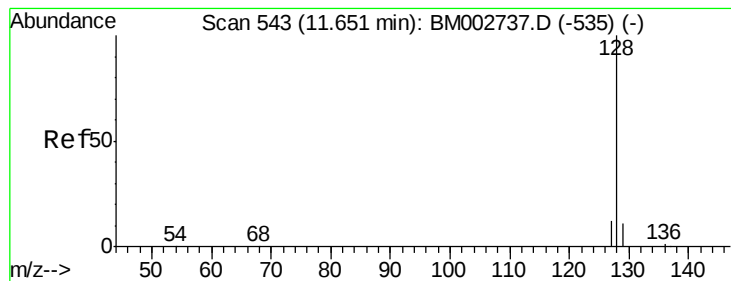
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampleId :

D9G61

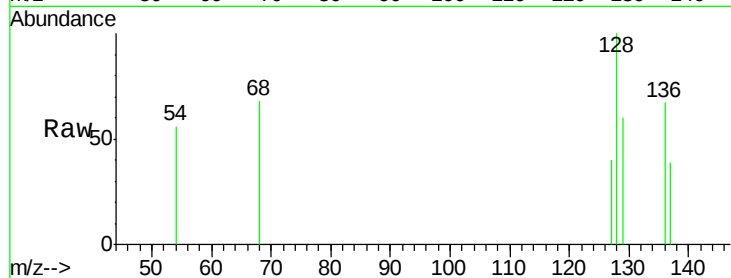
Tot Ion:128 Resp: 322

Ion Ratio Lower Upper

128 100

129 59.6 9.8 14.8#

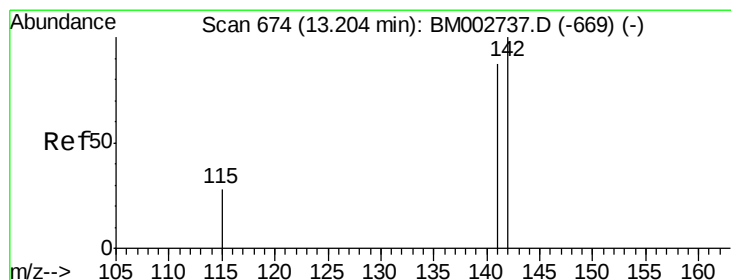
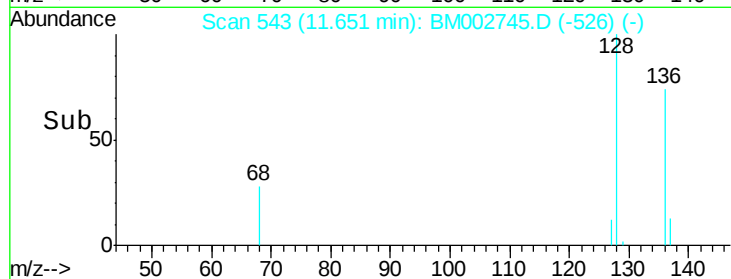
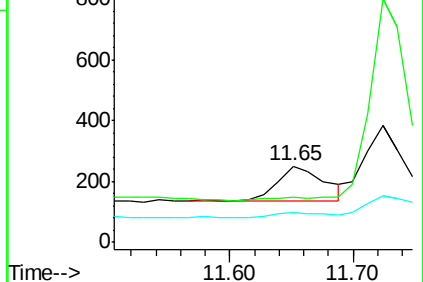
127 39.6 10.7 16.1#



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: 0.01 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002745.D

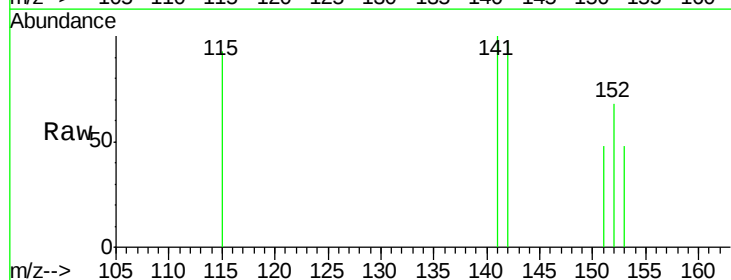
Acq: 28 Sep 2015 22:07

Tgt Ion:142 Resp: 348

Ion Ratio Lower Upper

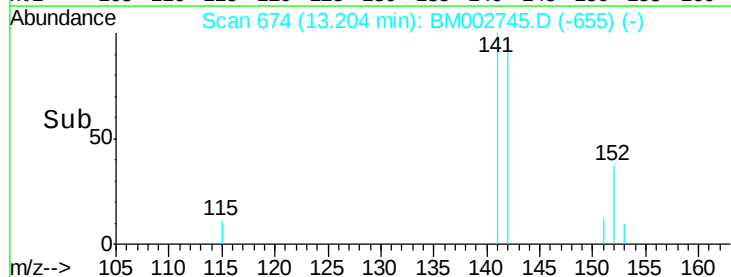
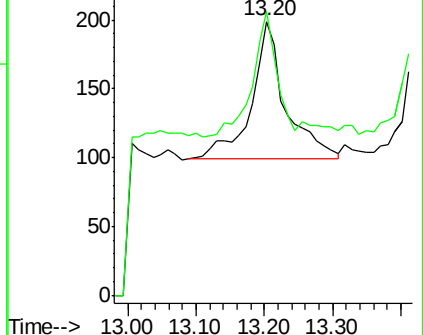
142 100

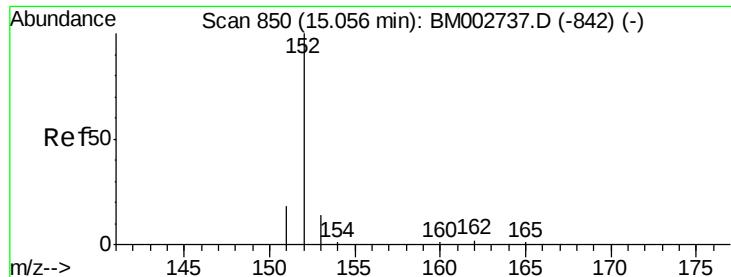
141 77.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.12 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampleId :

D9G61

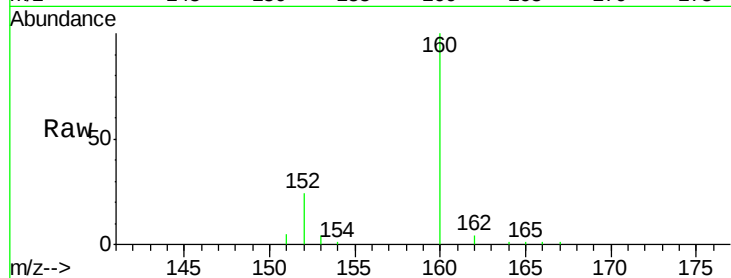
Tot Ion:152 Resp: 9892

Ion Ratio Lower Upper

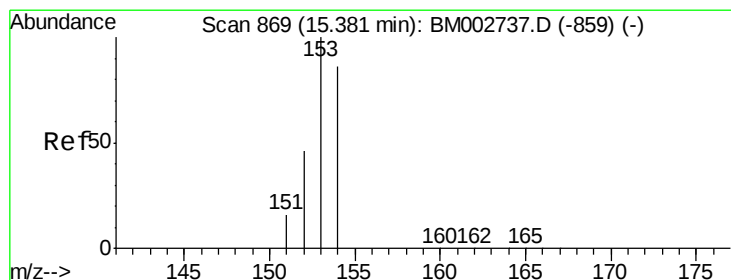
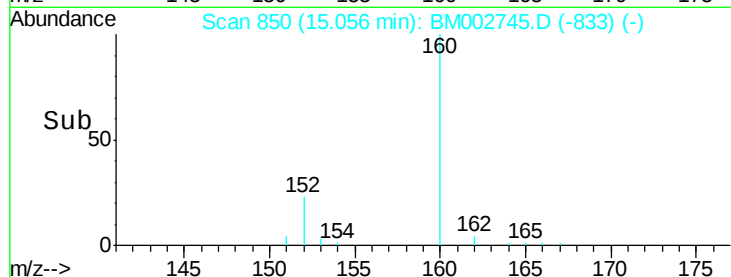
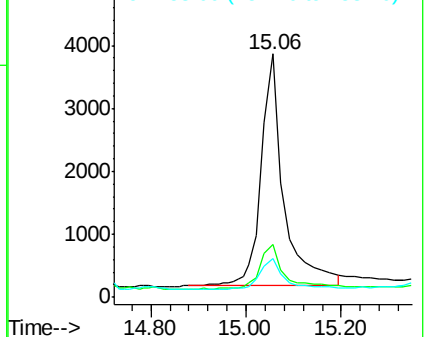
152 100

151 21.5 16.8 25.2

153 16.0 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: 0.03 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

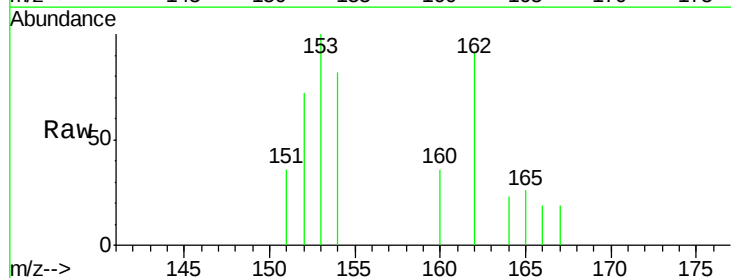
Tgt Ion:153 Resp: 1765

Ion Ratio Lower Upper

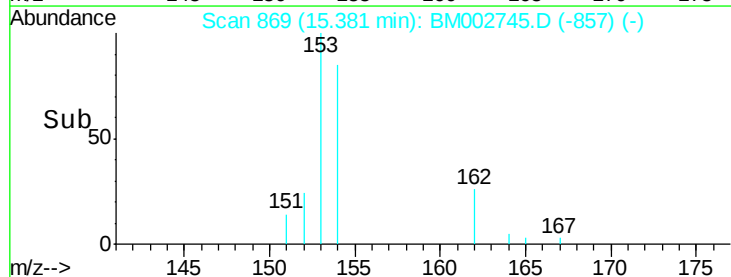
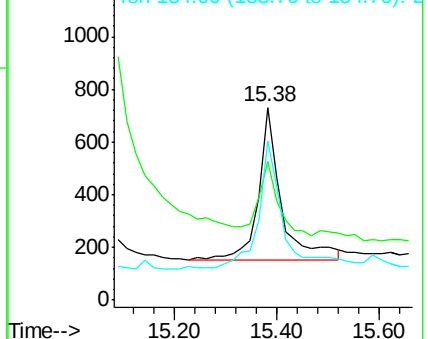
153 100

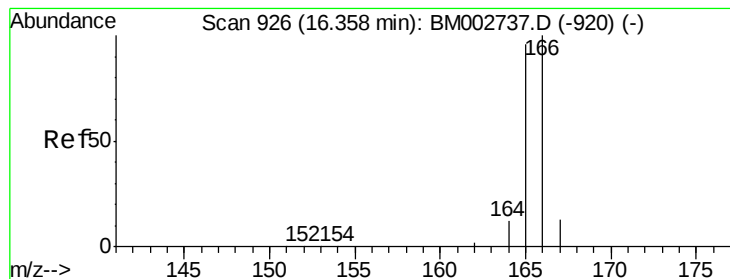
152 71.8 42.3 63.5#

154 82.4 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: 0.04 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampleId :

D9G61

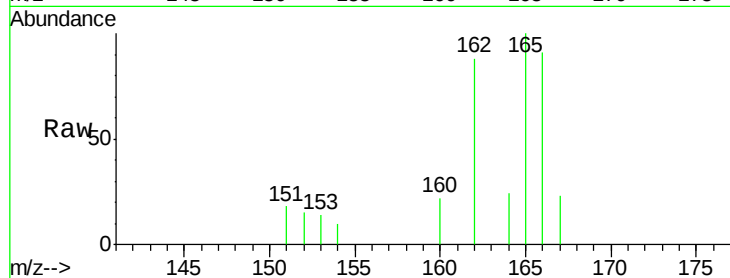
Tot Ion:166 Resp: 2525

Ion Ratio Lower Upper

166 100

165 109.6 87.6 131.4

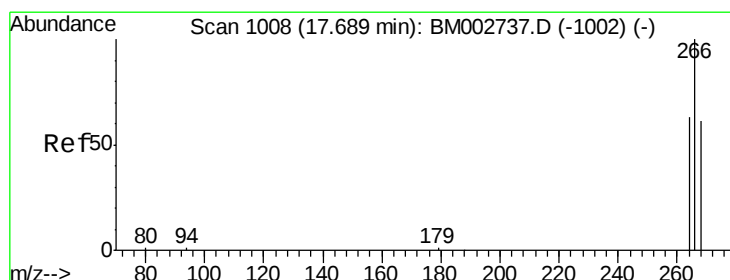
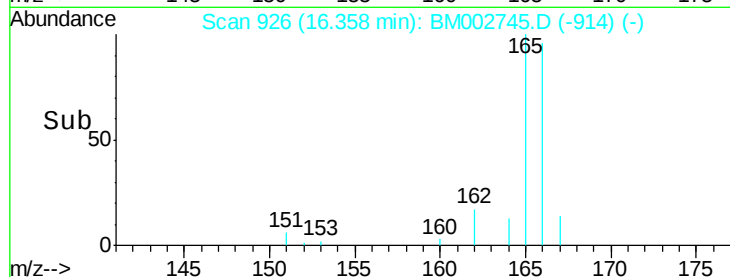
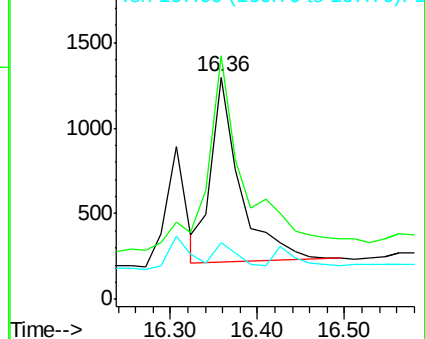
167 25.7 11.1 16.7#



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



#13

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 17.69 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

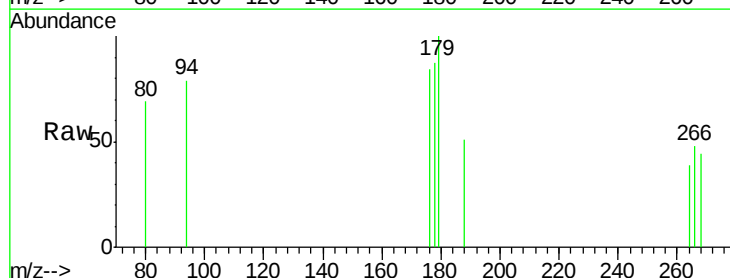
Tgt Ion:266 Resp: 202

Ion Ratio Lower Upper

266 100

264 41.6 53.5 80.3#

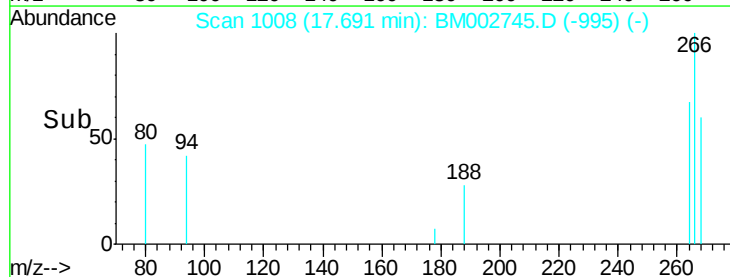
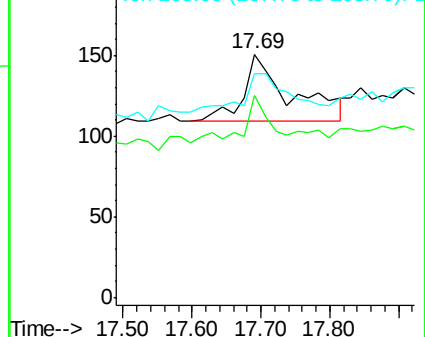
268 67.3 54.2 81.2

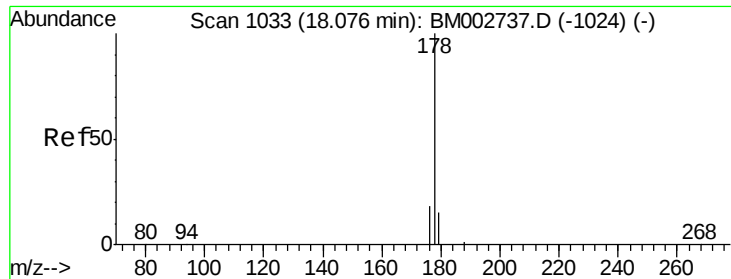


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

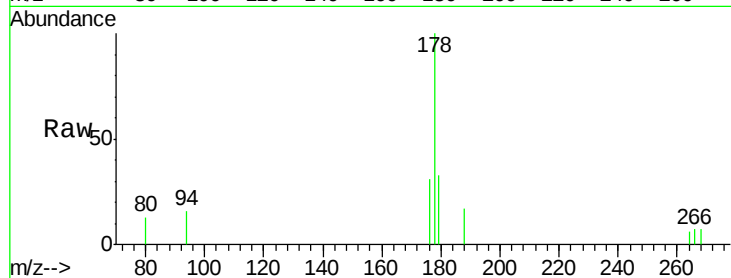




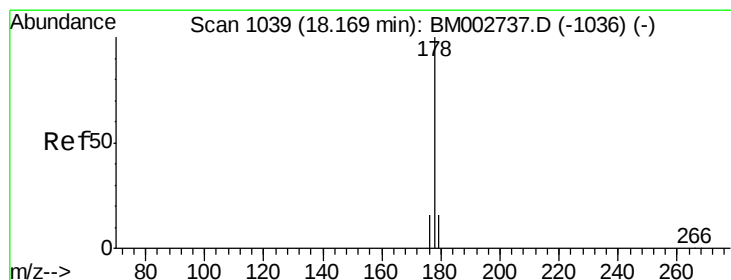
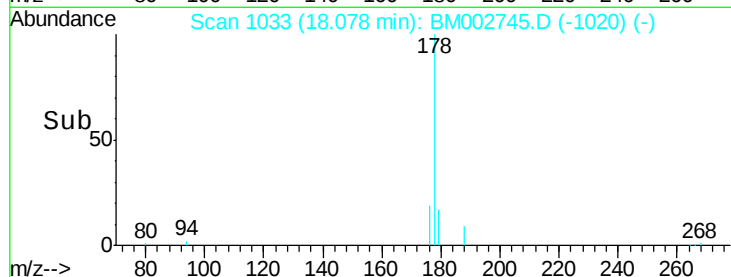
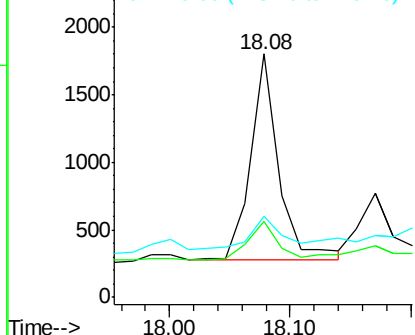
#14
Phenanthrene
Concen: 0.02 ng/ul
RT: 18.08 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM002745.D
Acq: 28 Sep 2015 22:07

Instrument :
BNA_M
ClientSampleId :
D9G61

Tot Ion:178 Resp: 2480
Ion Ratio Lower Upper
178 100
176 31.3 16.2 24.4#
179 33.3 12.8 19.2#

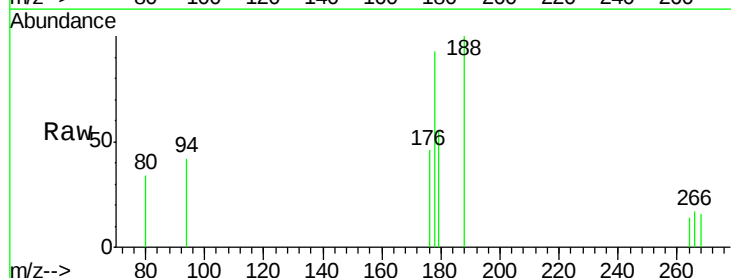


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

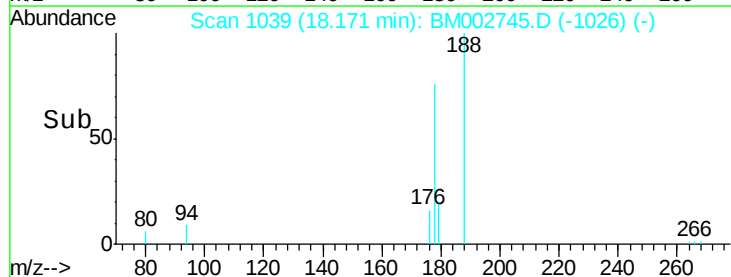
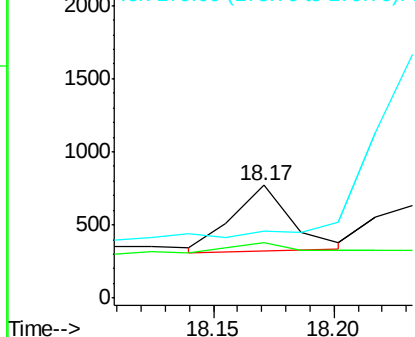


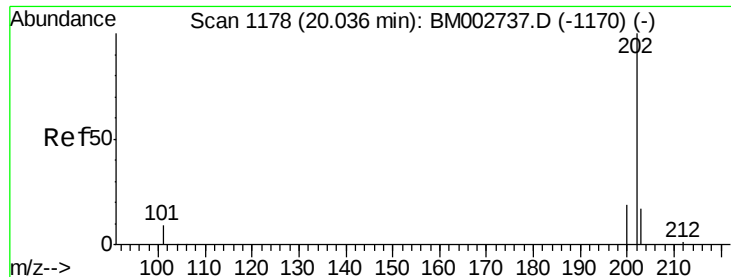
#15
Anthracene
Concen: 0.01 ng/ul
RT: 18.17 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BM002745.D
Acq: 28 Sep 2015 22:07

Tgt Ion:178 Resp: 768
Ion Ratio Lower Upper
178 100
176 49.4 15.8 23.8#
179 59.5 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

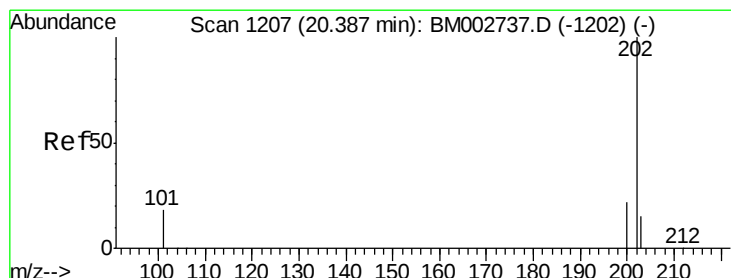
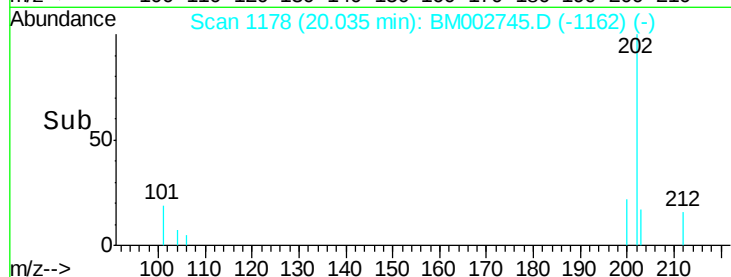
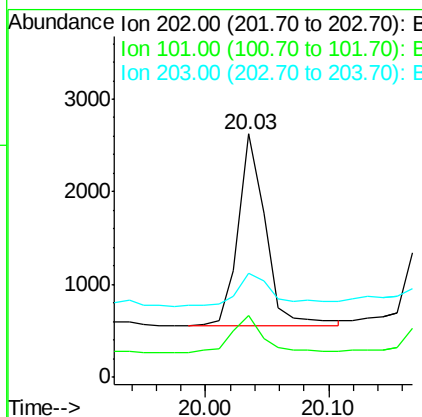
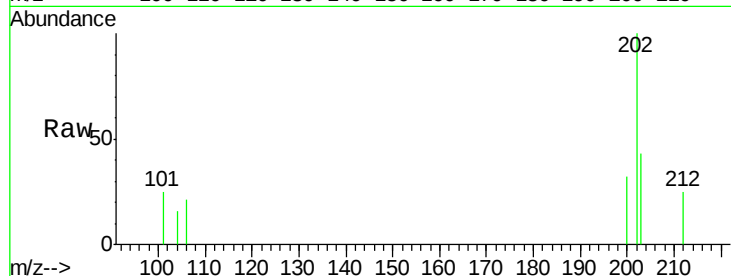




#17
Fluoranthene
 Concen: 0.03 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM002745.D
 Acq: 28 Sep 2015 22:07

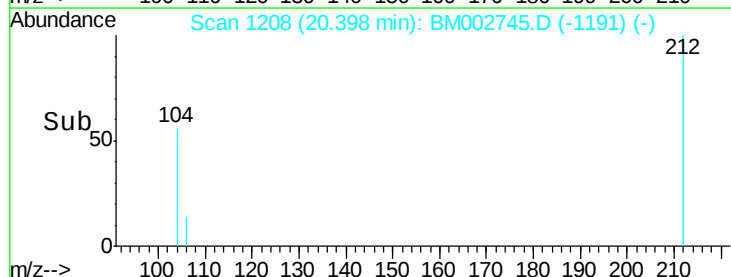
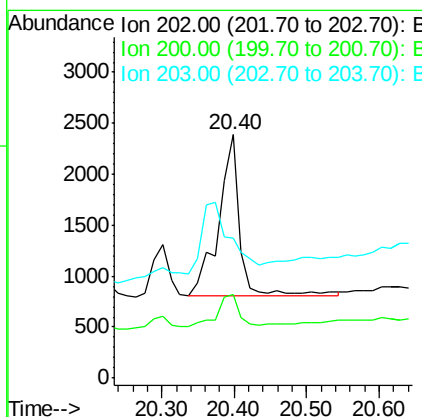
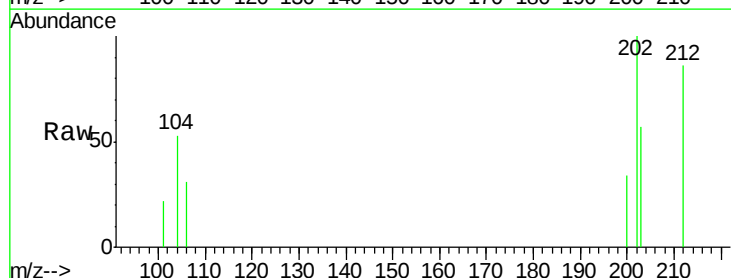
Instrument :
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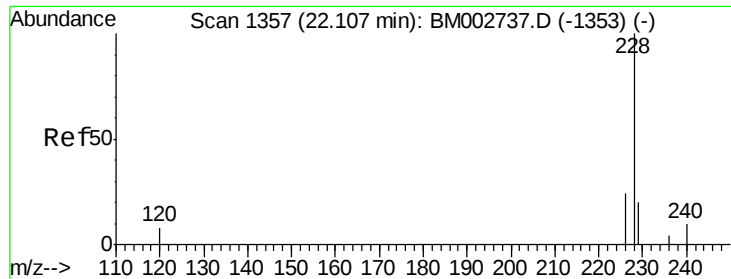
Tot Ion:202 Resp: 3155
 Ion Ratio Lower Upper
 202 100
 101 25.5 0.0 33.1
 203 42.8 0.0 37.2#



#19
Pyrene
 Concen: 0.02 ng/ul
 RT: 20.40 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BM002745.D
 Acq: 28 Sep 2015 22:07

Tgt Ion:202 Resp: 3261
 Ion Ratio Lower Upper
 202 100
 200 34.3 18.0 27.0#
 203 57.5 13.8 20.6#





#20

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 22.11 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampled :

D9G61

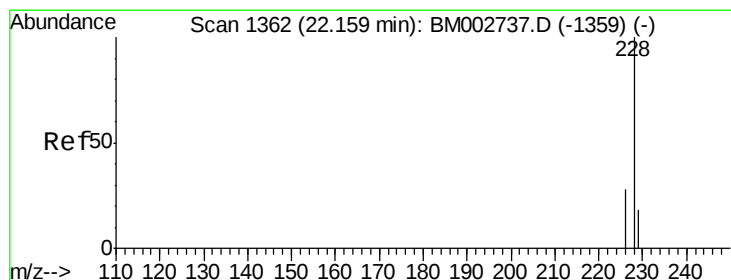
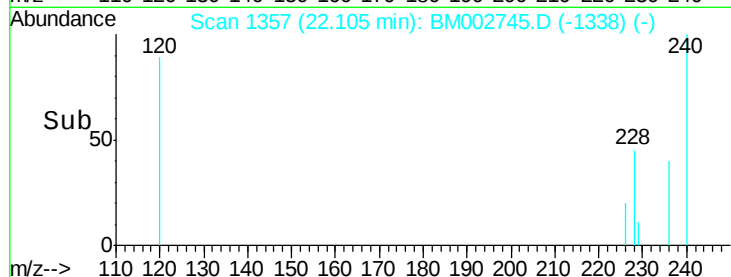
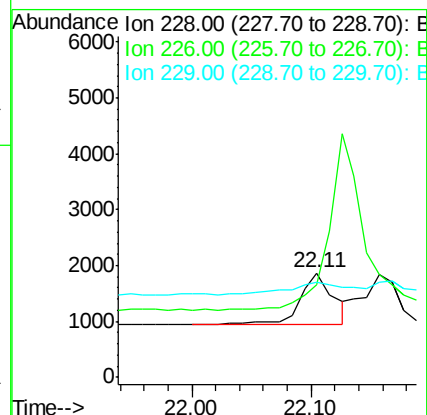
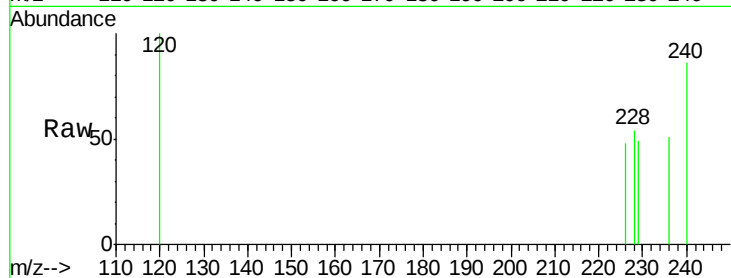
Tot Ion:228 Resp: 1845

Ion Ratio Lower Upper

228 100

226 88.5 23.0 34.4#

229 91.6 15.2 22.8#



#21

Chrysene

Concen: 0.02 ng/ul

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

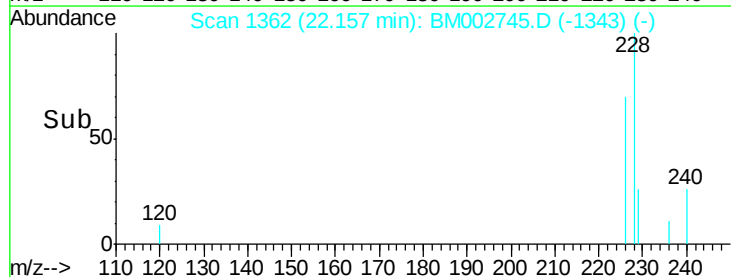
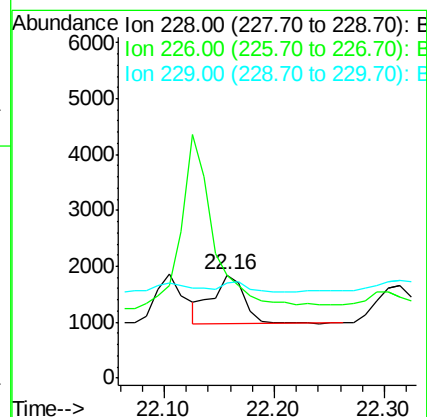
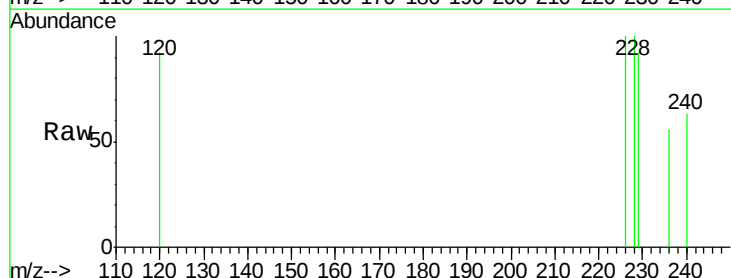
Tgt Ion:228 Resp: 1778

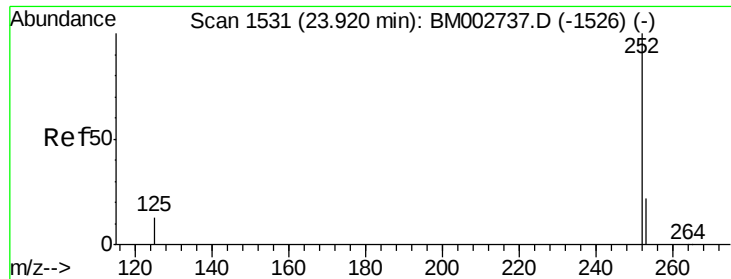
Ion Ratio Lower Upper

228 100

226 99.9 25.7 38.5#

229 92.0 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 23.93 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

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D9G61

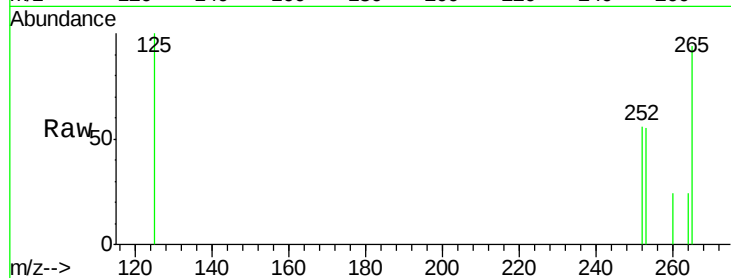
Tot Ion:252 Resp: 2613

Ion Ratio Lower Upper

252 100

253 97.6 0.0 48.0#

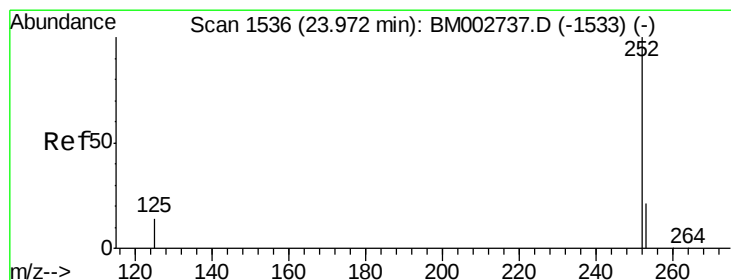
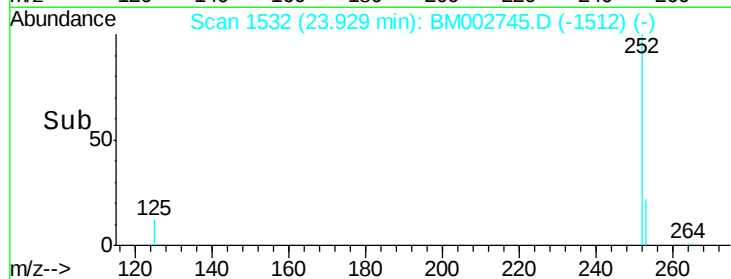
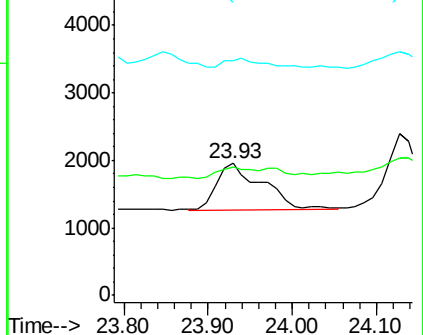
125 178.5 0.0 36.6#



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: 0.02 ng/ul

RT: 23.93 min Scan# 1532

Delta R.T. -0.04 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

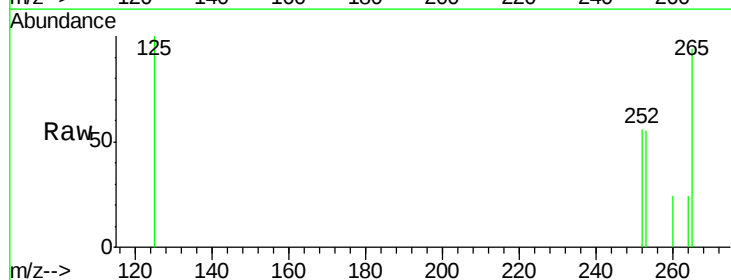
Tgt Ion:252 Resp: 2629

Ion Ratio Lower Upper

252 100

253 97.6 20.8 31.2#

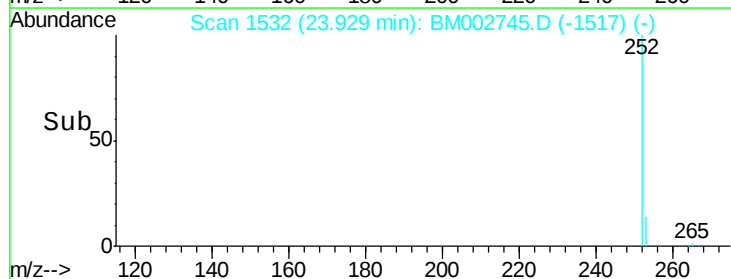
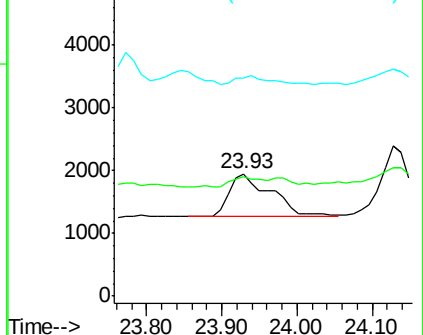
125 178.5 12.2 18.4#

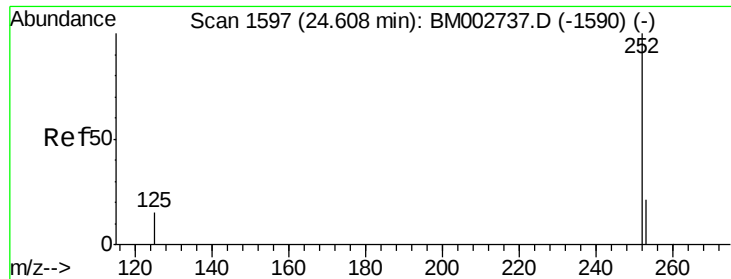


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.02 ng/ul

RT: 24.62 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampleId :

D9G61

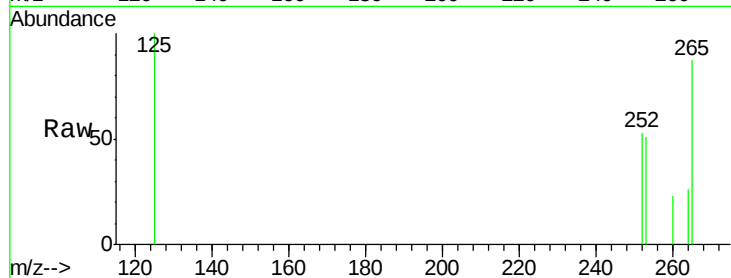
Tot Ion:252 Resp: 1867

Ion Ratio Lower Upper

252 100

253 95.1 21.8 32.8#

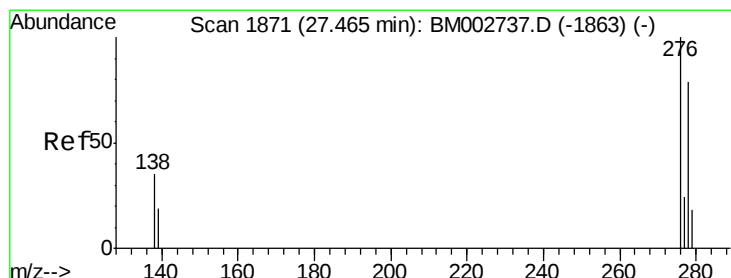
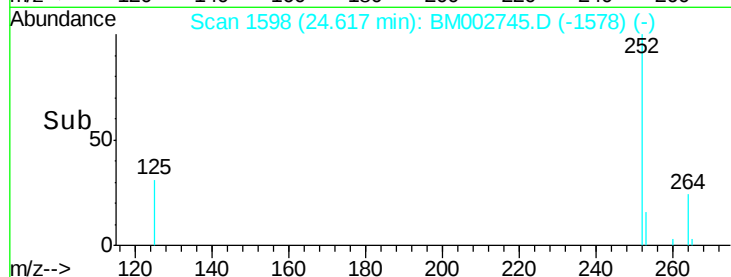
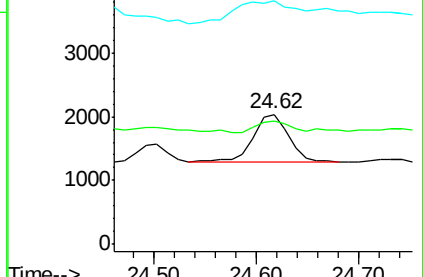
125 187.0 14.5 21.7#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

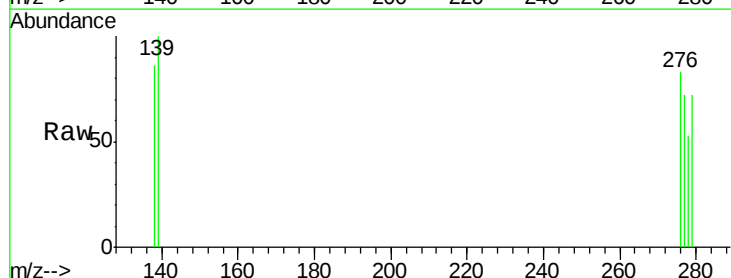
Tgt Ion:276 Resp: 1024

Ion Ratio Lower Upper

276 100

138 24.4 27.5 41.3#

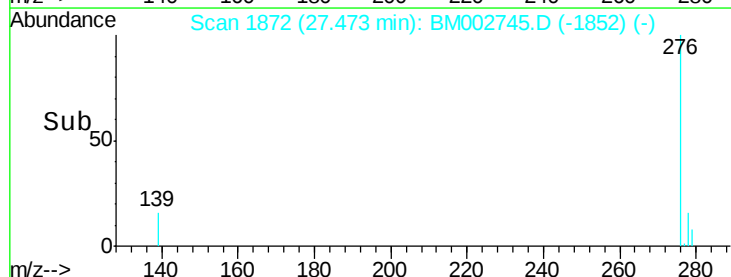
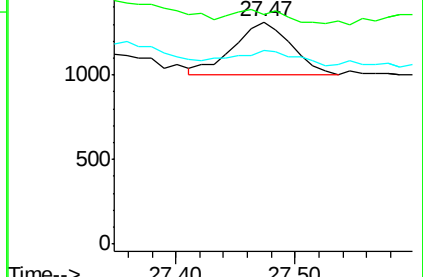
277 31.3 19.3 28.9#

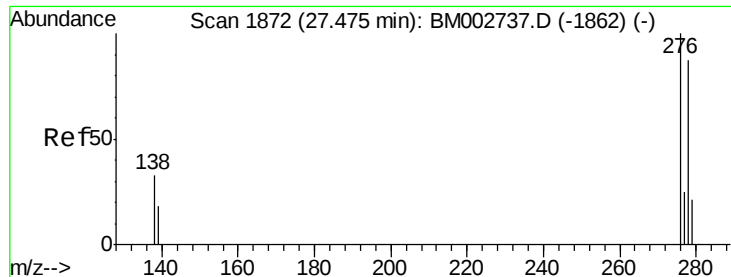


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 27.47 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Instrument :

BNA_M

ClientSampleId :

D9G61

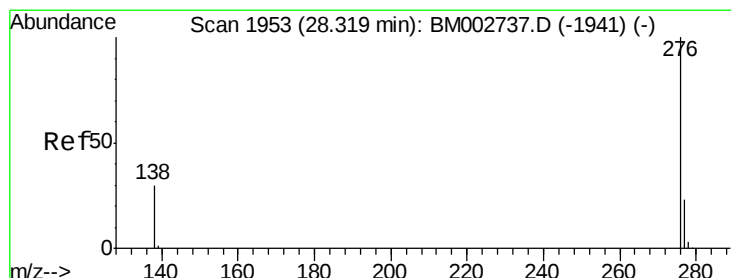
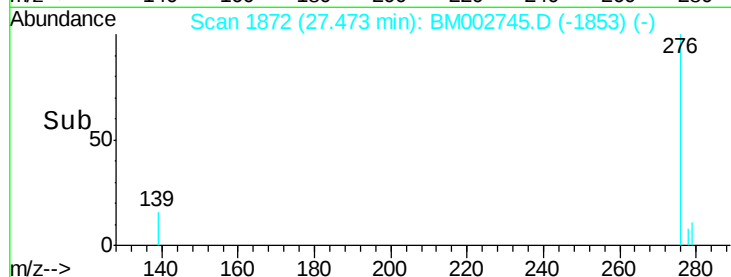
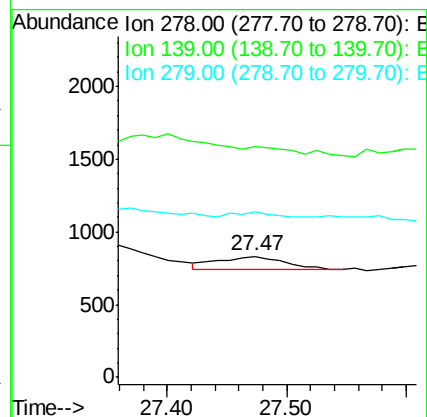
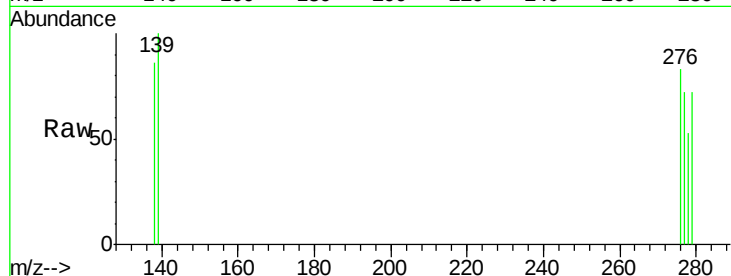
Tot Ion:278 Resp: 346

Ion Ratio Lower Upper

278 100

139 190.3 21.7 32.5#

279 136.4 21.9 32.9#



#28

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 28.34 min Scan# 1955

Delta R.T. 0.02 min

Lab File: BM002745.D

Acq: 28 Sep 2015 22:07

Tgt Ion:276 Resp: 839

Ion Ratio Lower Upper

276 100

277 94.4 21.3 31.9#

138 108.9 25.5 38.3#

