

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002743.D
 Acq On : 28 Sep 2015 20:54
 Operator : UM/IZ
 Sample : G3798-24
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G76

Quant Time: Sep 29 02:53:58 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

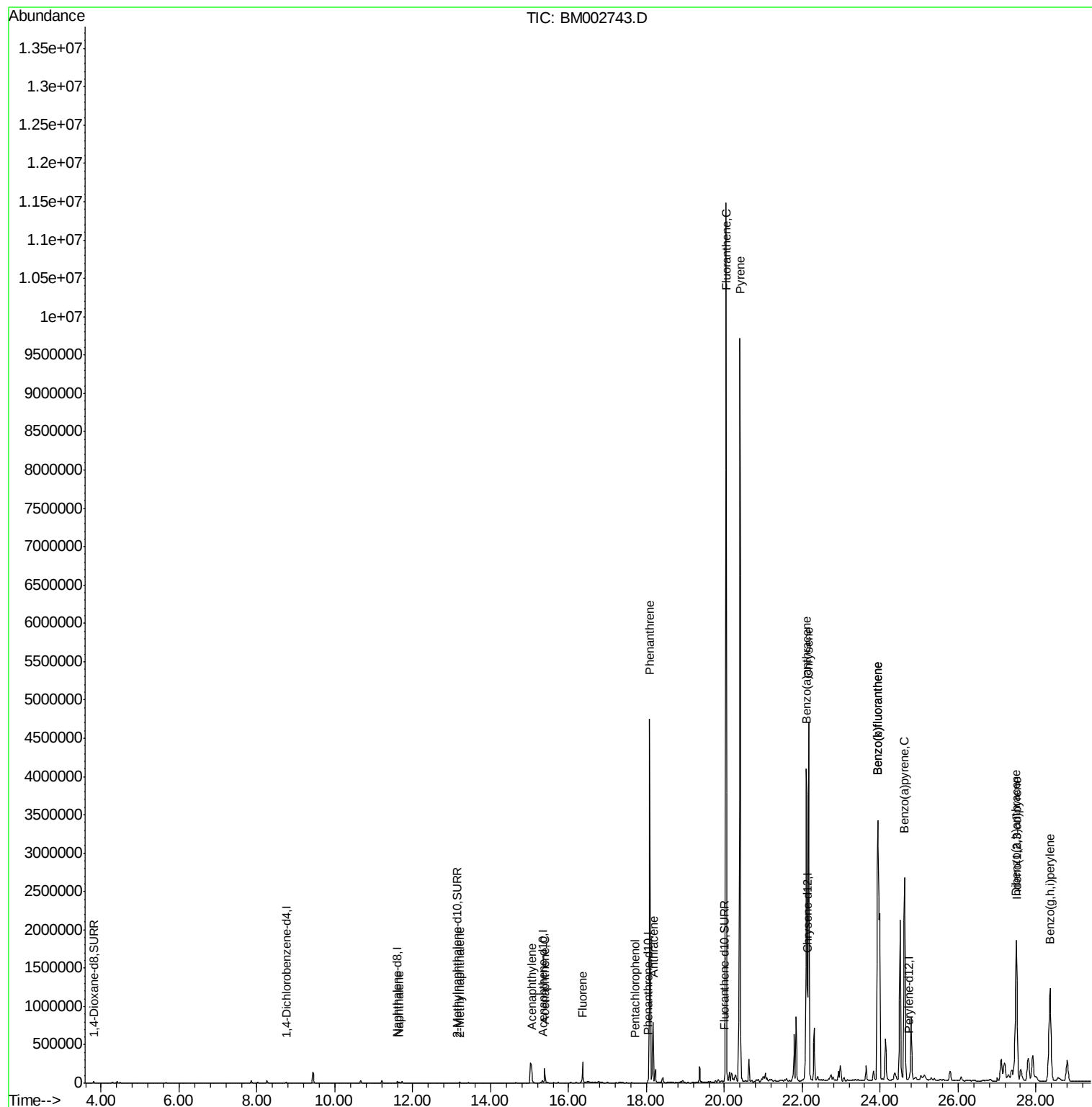
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	8163	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	32025	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17441	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.05	188	37071	0.40	ng/ul	0.02
18) Chrysene-d12	22.14	240	44682	0.40	ng/ul	0.00
22) Perylene-d12	24.74	264	49044	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	18320	2.17	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	6190	0.13	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	7950	0.09	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	11.65	128	24046	0.28	ng/ul	99
7) 2-Methylnaphthalene	13.20	142	9675	0.17	ng/ul	99
9) Acenaphthylene	15.06	152	129536	1.44	ng/ul	97
10) Acenaphthene	15.38	153	124437	1.90	ng/ul	98
11) Fluorene	16.36	166	195085	2.61	ng/ul	92
13) Pentachlorophenol	17.71	266	434	0.06	ng/ul#	83
14) Phenanthrene	18.08	178	5449022	45.17	ng/ul	99
15) Anthracene	18.17	178	968508	8.69	ng/ul	96
17) Fluoranthene	20.05	202	11507317	87.71	ng/ul	95
19) Pyrene	20.40	202	9782718	56.18	ng/ul	96
20) Benzo(a)anthracene	22.10	228	4914919	32.92	ng/ul	98
21) Chrysene	22.17	228	4986968	34.89	ng/ul	97
23) Benzo(b)fluoranthene	23.94	252	9351565	52.89	ng/ul	97
24) Benzo(k)fluoranthene	23.94	252	9351565	57.09	ng/ul	95
25) Benzo(a)pyrene	24.63	252	4390279	26.97	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	27.50	276	3396420	18.71	ng/ul	95
27) Dibenzo(a,h)anthracene	27.49	278	814024	5.46	ng/ul	97
28) Benzo(a,h,i)perylene	28.36	276	2898446	18.82	ng/ul	97

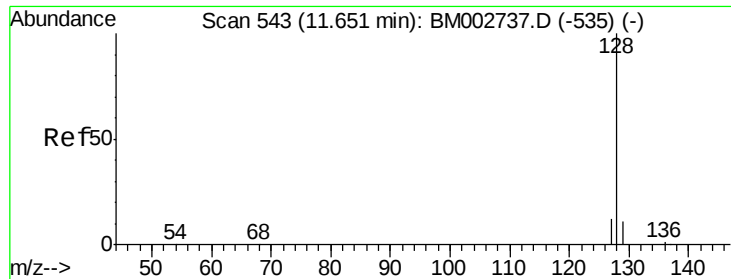
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.28 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

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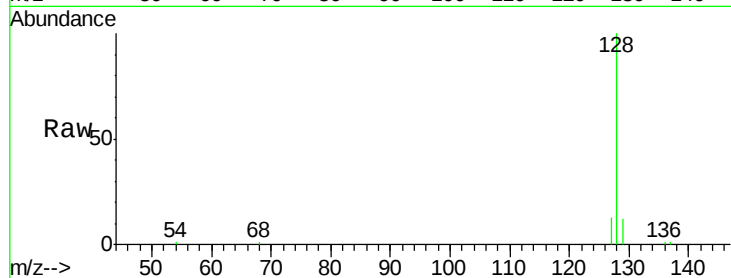
Tot Ion:128 Resp: 24046

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

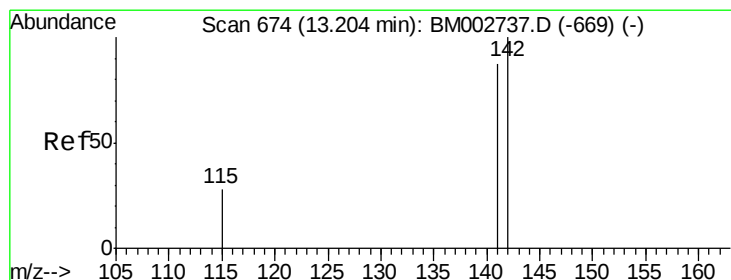
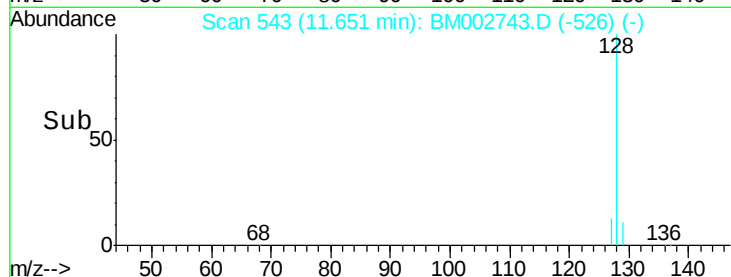
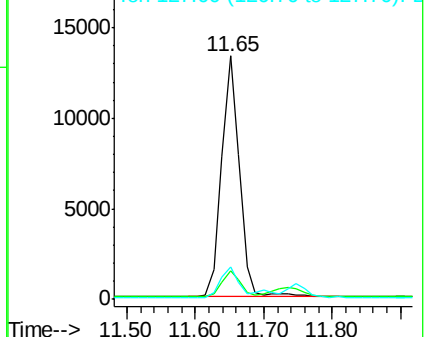
127 13.3 10.7 16.1



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: 0.17 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002743.D

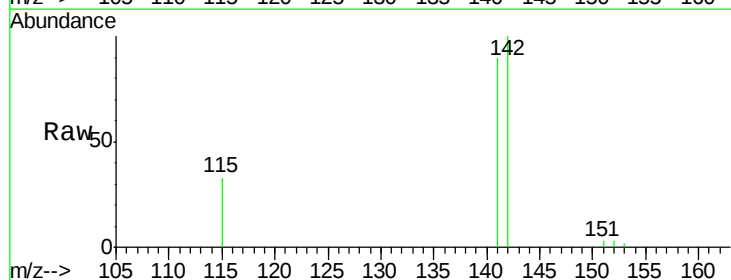
Acq: 28 Sep 2015 20:54

Tgt Ion:142 Resp: 9675

Ion Ratio Lower Upper

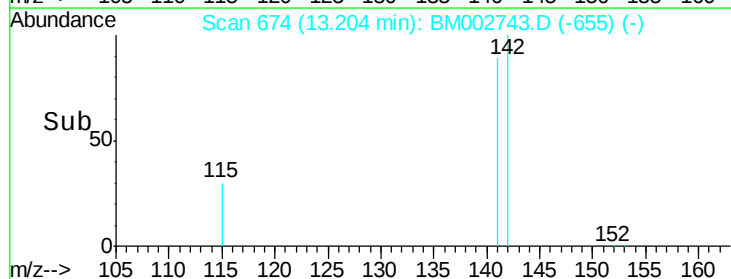
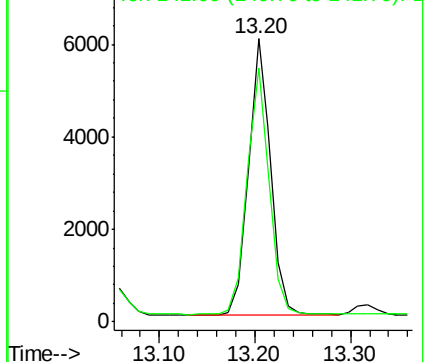
142 100

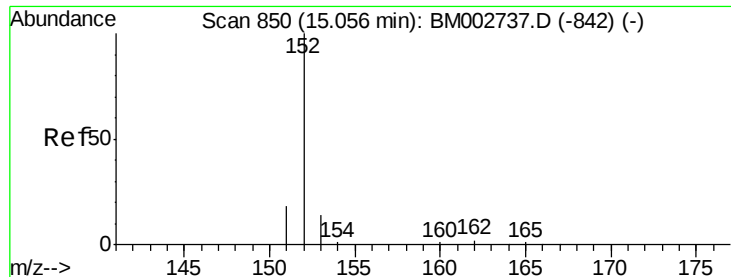
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 1.44 ng/ul

RT: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

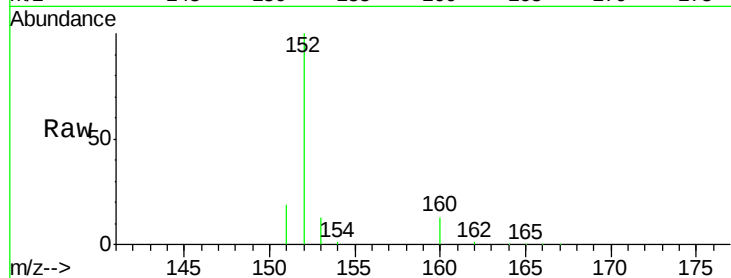
Tot Ion:152 Resp: 129536

Ion Ratio Lower Upper

152 100

151 19.1 16.8 25.2

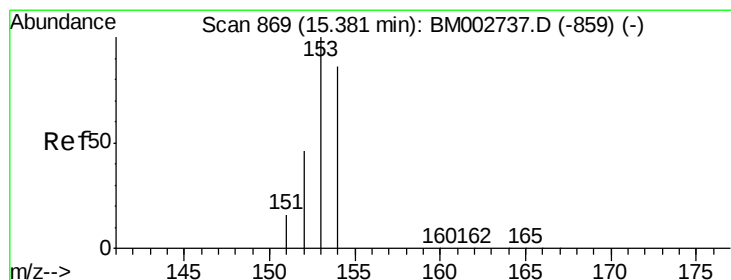
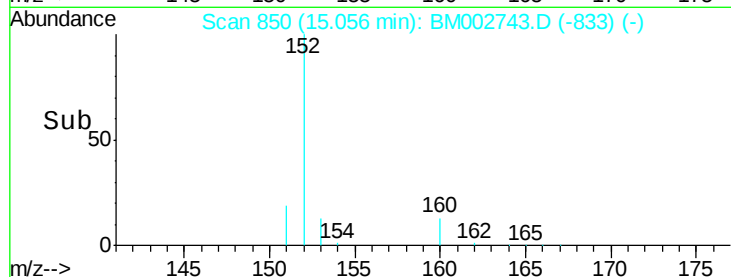
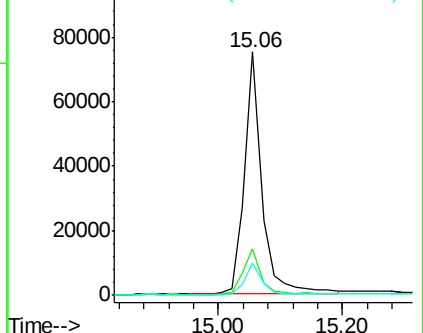
153 13.4 11.3 16.9



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: 1.90 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

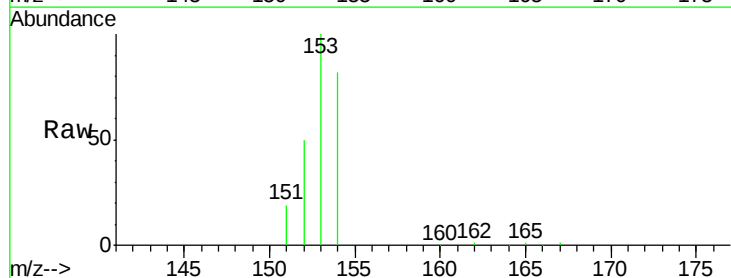
Tgt Ion:153 Resp: 124437

Ion Ratio Lower Upper

153 100

152 49.8 42.3 63.5

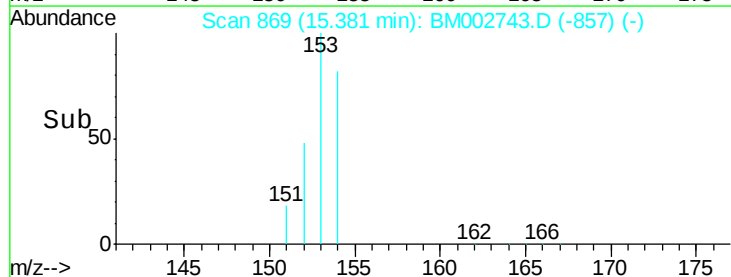
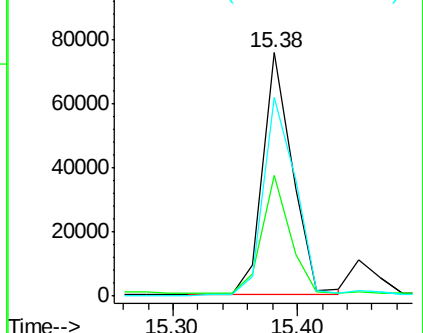
154 81.6 64.7 97.1

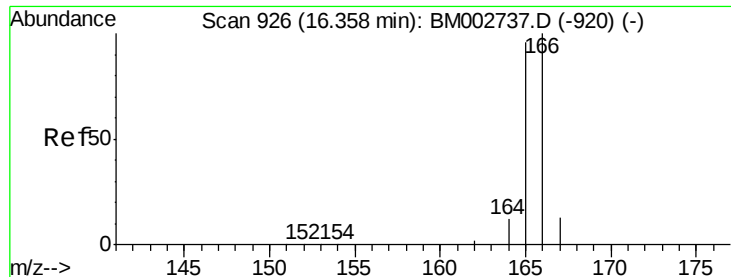


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 2.61 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

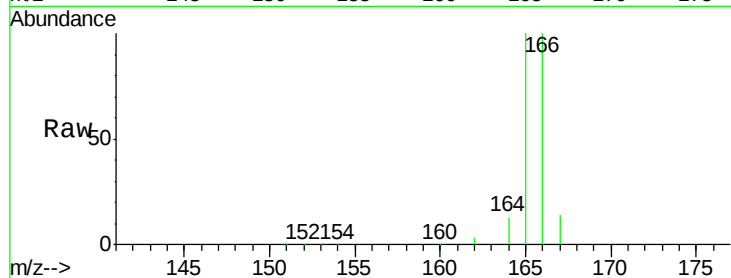
Tot Ion:166 Resp: 195085

Ion Ratio Lower Upper

166 100

165 100.2 87.6 131.4

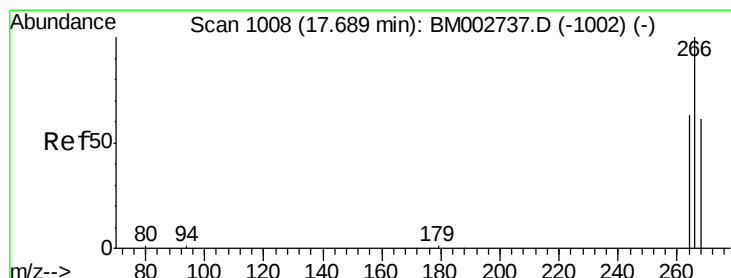
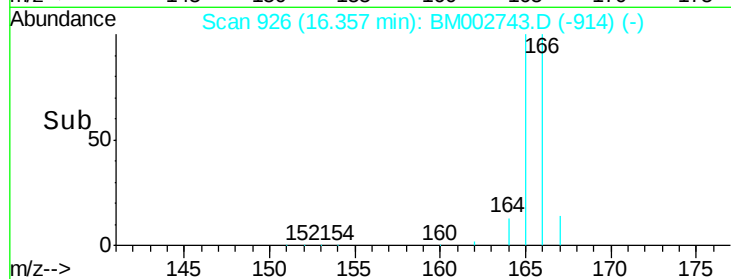
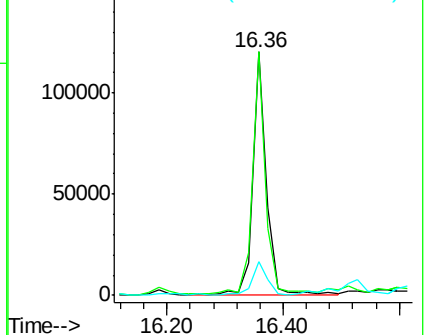
167 14.1 11.1 16.7



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: 0.06 ng/ul

RT: 17.71 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

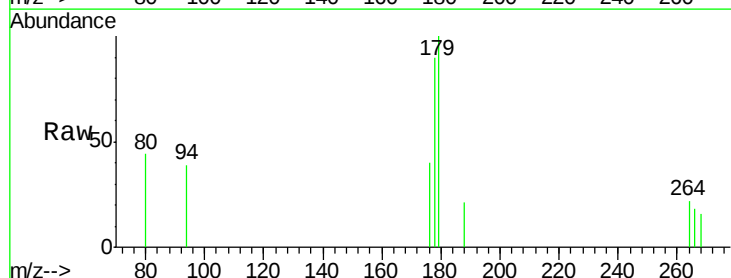
Tgt Ion:266 Resp: 434

Ion Ratio Lower Upper

266 100

264 63.4 53.5 80.3

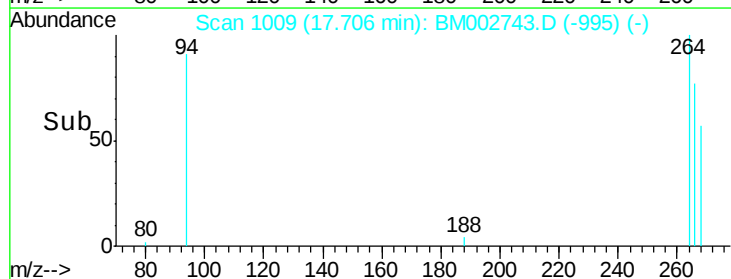
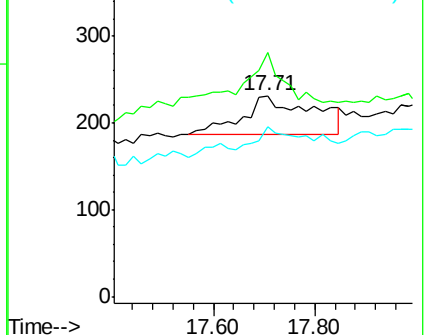
268 44.5 54.2 81.2#

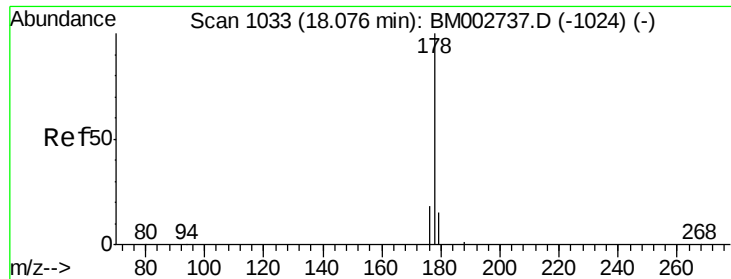


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 45.17 ng/ul

RT: 18.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

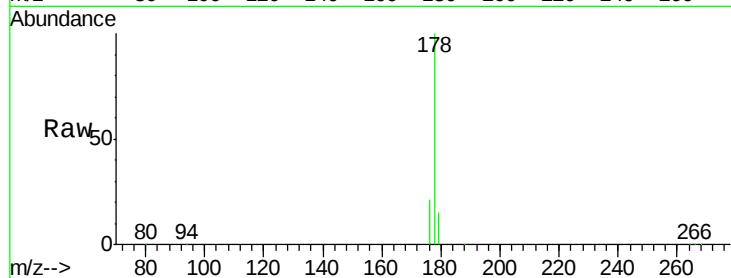
Tot Ion:178 Resp: 5449022

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

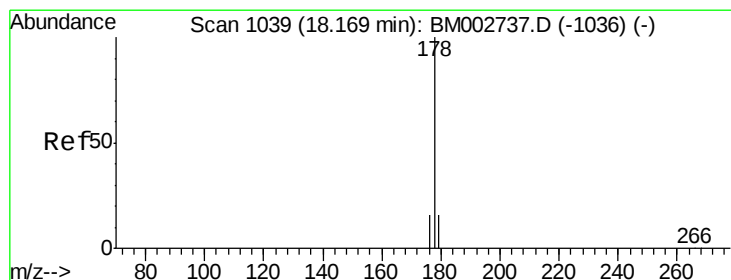
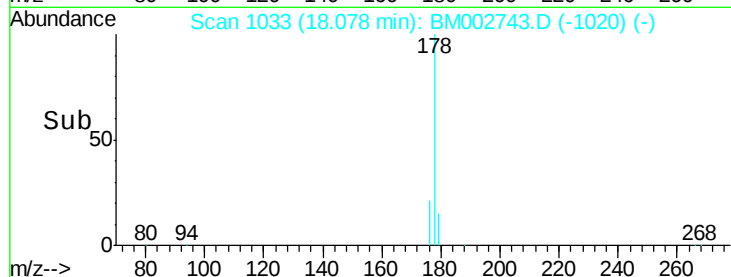
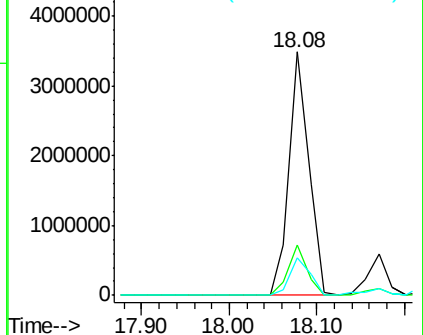
179 15.4 12.8 19.2



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: 8.69 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

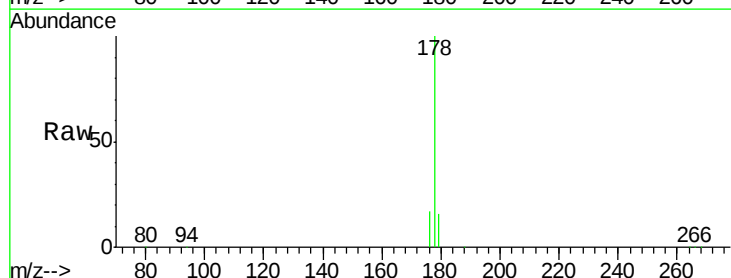
Tgt Ion:178 Resp: 968508

Ion Ratio Lower Upper

178 100

176 17.0 15.8 23.8

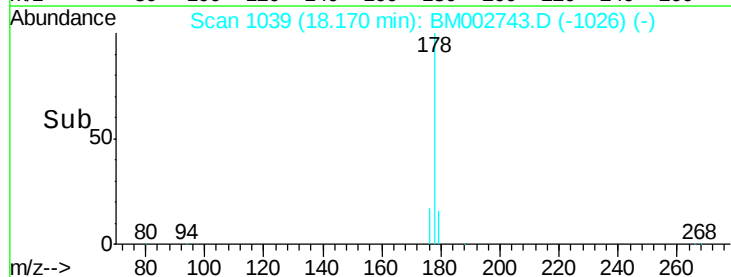
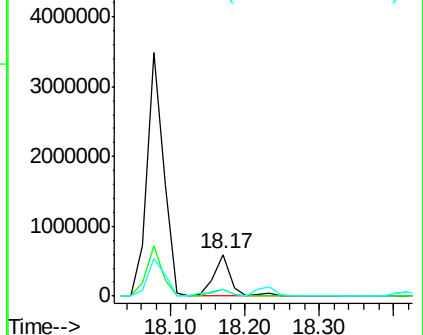
179 16.1 13.3 19.9

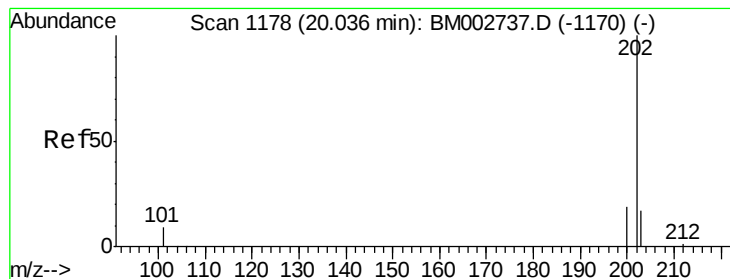


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 87.71 ng/ul

RT: 20.05 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

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D9G76

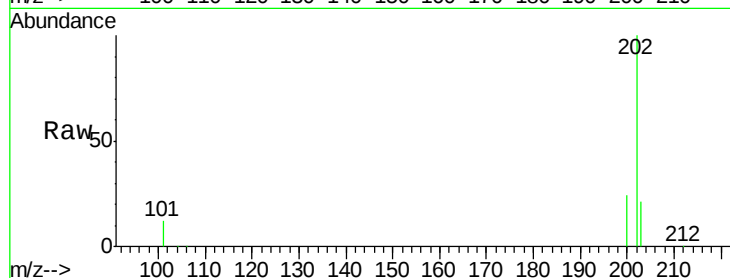
Tot Ion:202 Resp:11507317

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.1

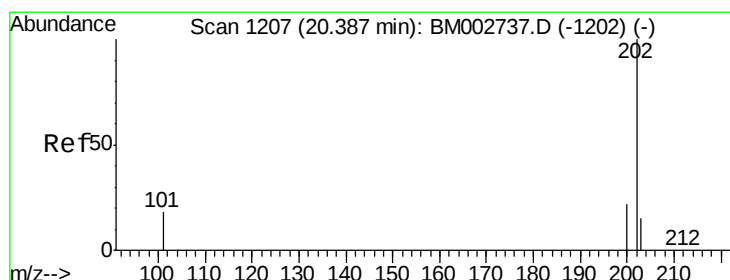
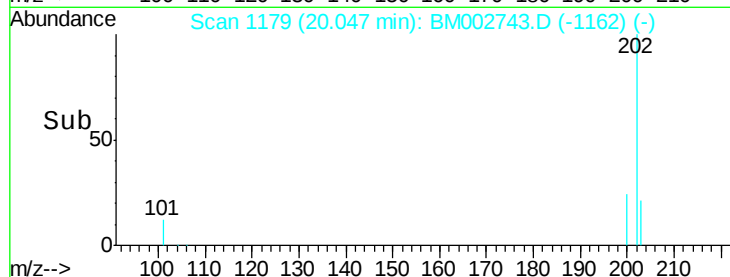
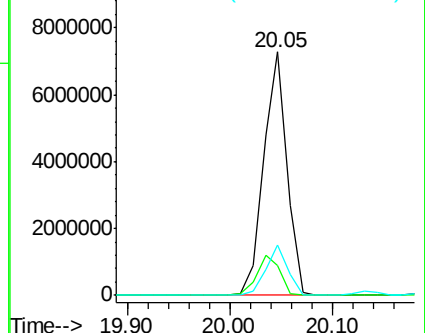
203 20.8 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

1e+07 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 56.18 ng/ul

RT: 20.40 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

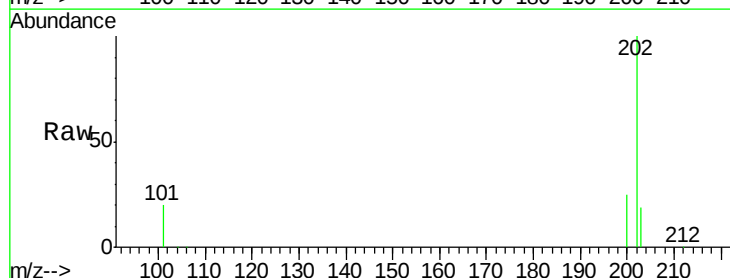
Tgt Ion:202 Resp: 9782718

Ion Ratio Lower Upper

202 100

200 25.0 18.0 27.0

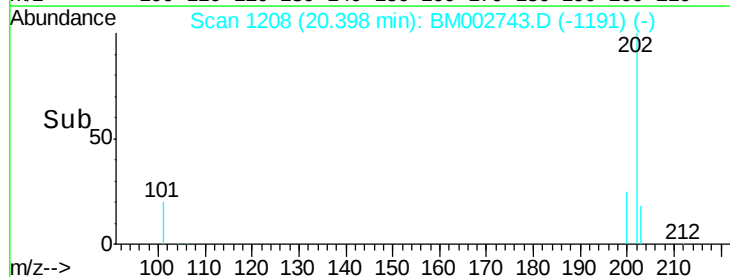
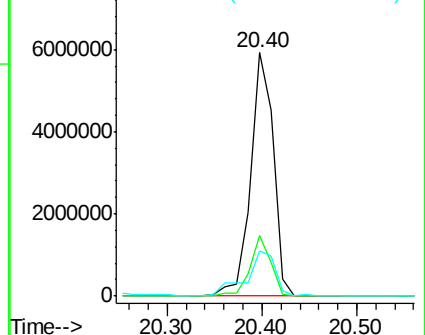
203 18.5 13.8 20.6

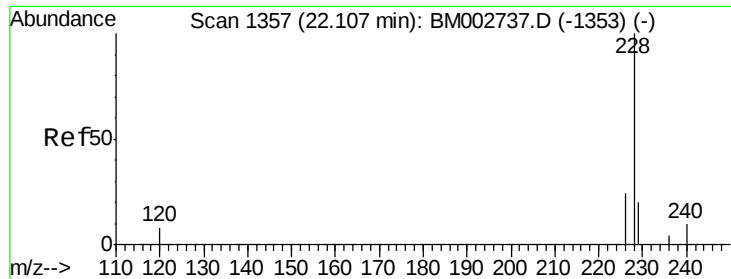


Abundance Ion 202.00 (201.70 to 202.70): E

8000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 32.92 ng/ul

RT: 22.10 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

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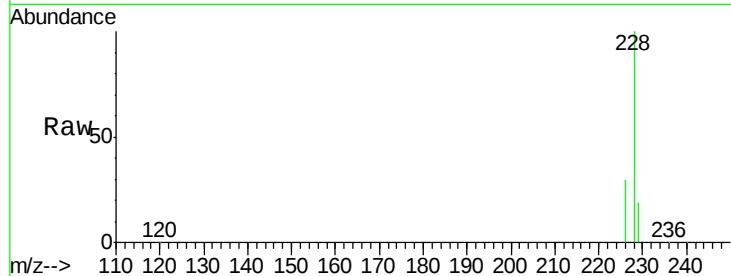
Tot Ion:228 Resp: 4914919

Ion Ratio Lower Upper

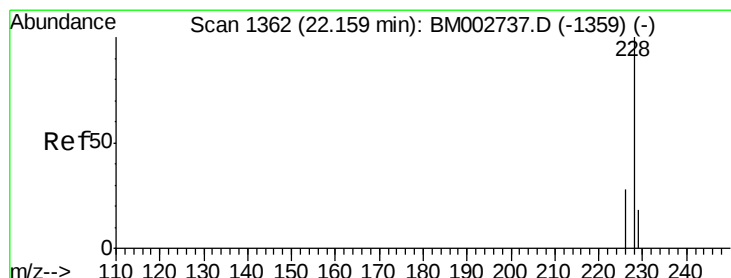
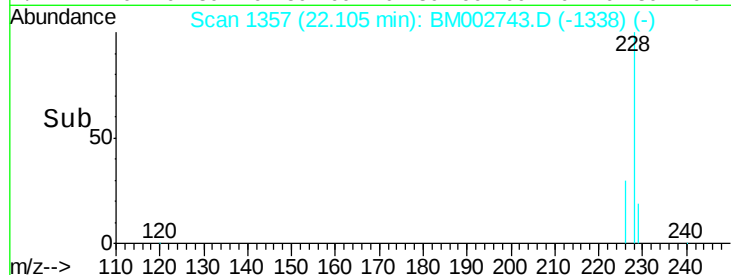
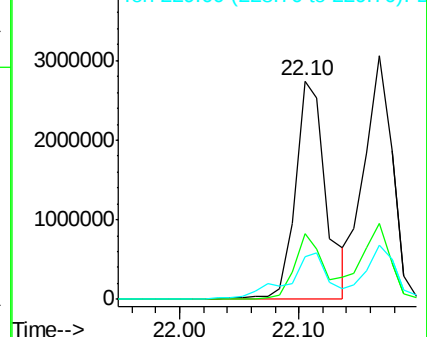
228 100

226 29.9 23.0 34.4

229 19.4 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: 34.89 ng/ul

RT: 22.17 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

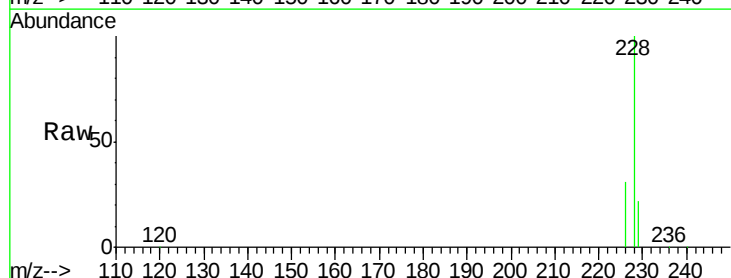
Tgt Ion:228 Resp: 4986968

Ion Ratio Lower Upper

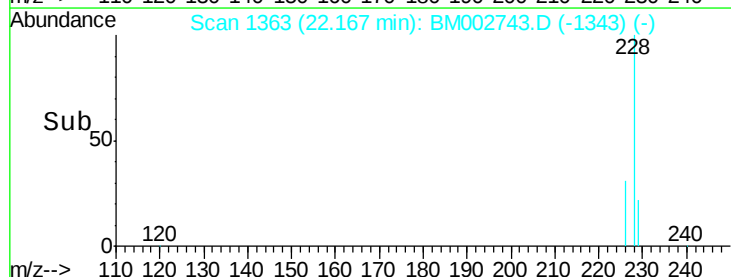
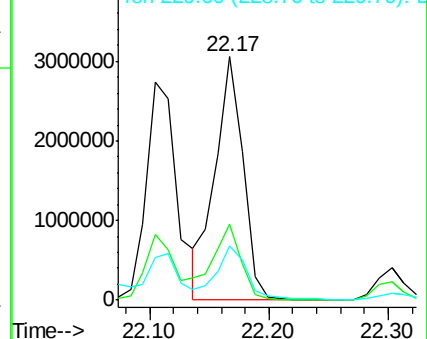
228 100

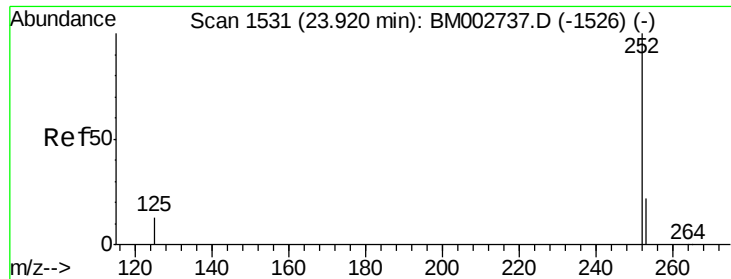
226 31.3 25.7 38.5

229 22.1 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: 52.89 ng/ul

RT: 23.94 min Scan# 1533

Delta R.T. 0.02 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

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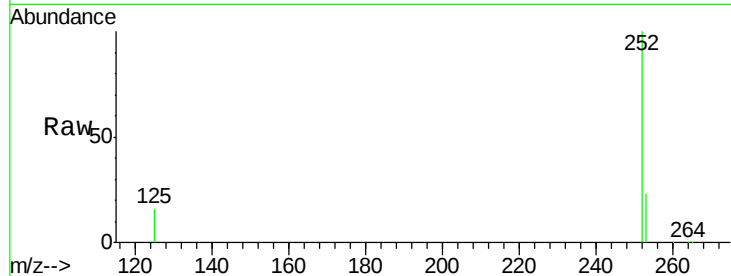
Tot Ion:252 Resp: 9351565

Ion Ratio Lower Upper

252 100

253 22.9 0.0 48.0

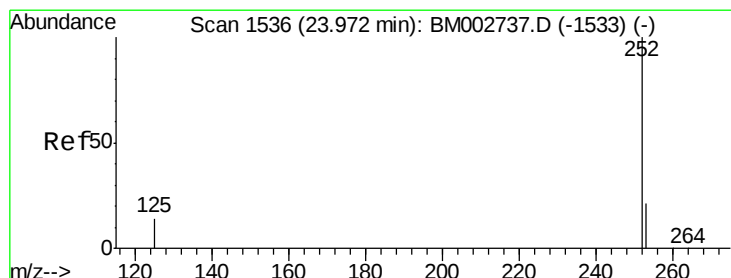
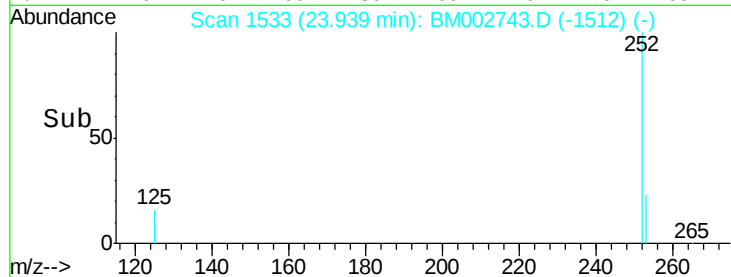
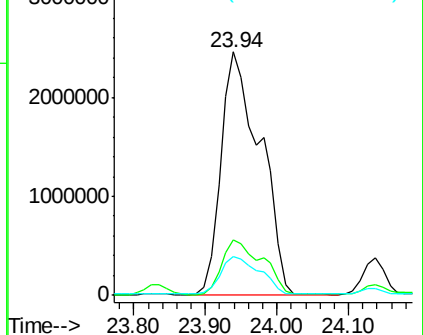
125 16.1 0.0 36.6



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: 57.09 ng/ul

RT: 23.94 min Scan# 1533

Delta R.T. -0.03 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

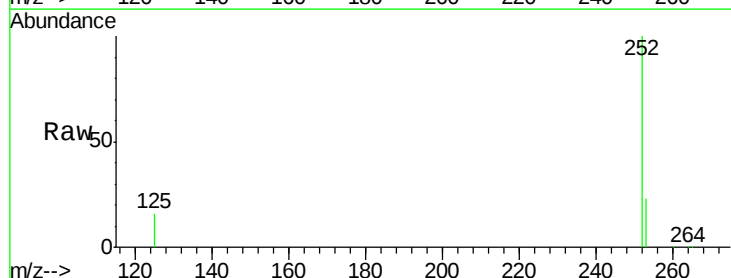
Tgt Ion:252 Resp: 9351565

Ion Ratio Lower Upper

252 100

253 22.9 20.8 31.2

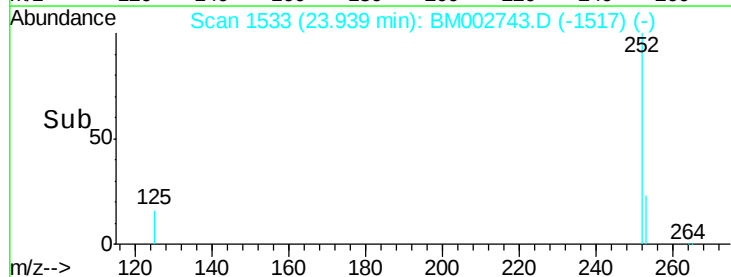
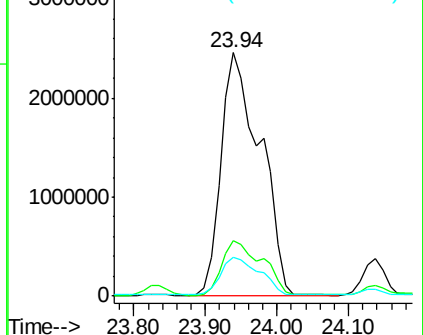
125 16.1 12.2 18.4

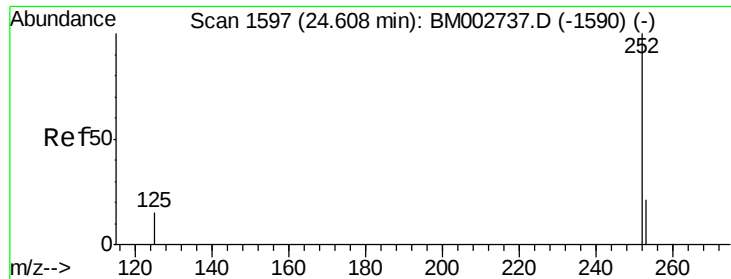


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 26.97 ng/ul

RT: 24.63 min Scan# 1599

Delta R.T. 0.02 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

Instrument :

BNA_M

ClientSampleId :

D9G76

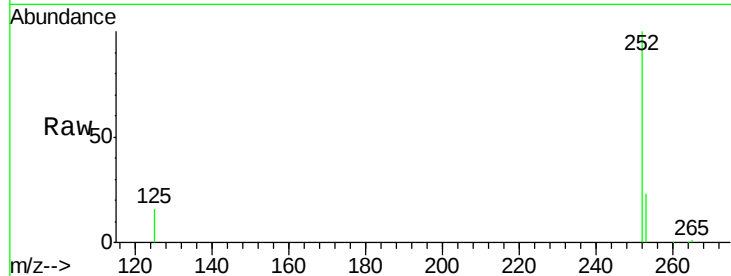
Tot Ion:252 Resp: 4390279

Ion Ratio Lower Upper

252 100

253 22.8 21.8 32.8

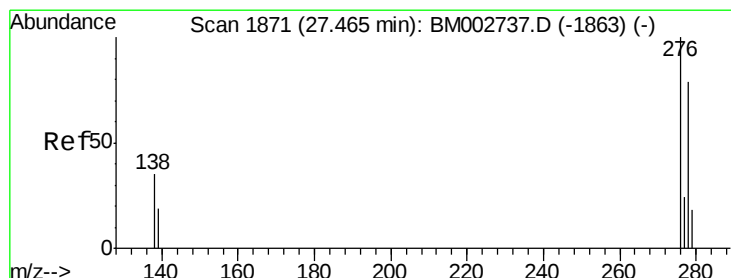
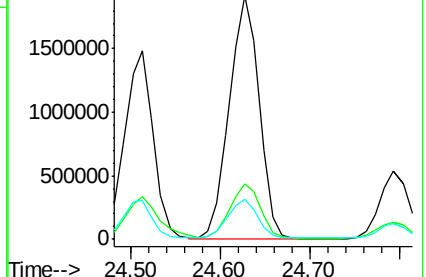
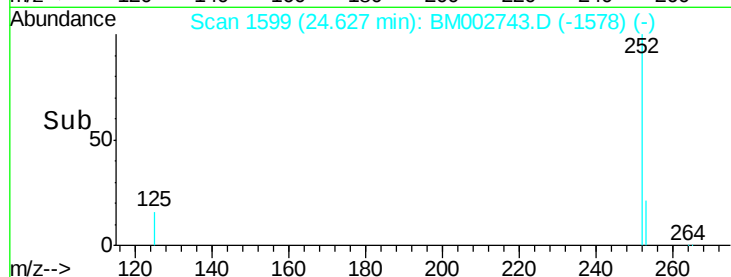
125 16.4 14.5 21.7



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: 18.71 ng/ul

RT: 27.50 min Scan# 1875

Delta R.T. 0.04 min

Lab File: BM002743.D

Acq: 28 Sep 2015 20:54

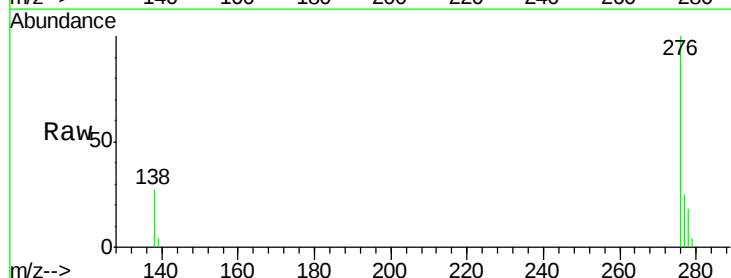
Tgt Ion:276 Resp: 3396420

Ion Ratio Lower Upper

276 100

138 29.6 27.5 41.3

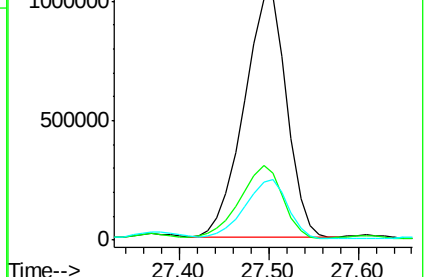
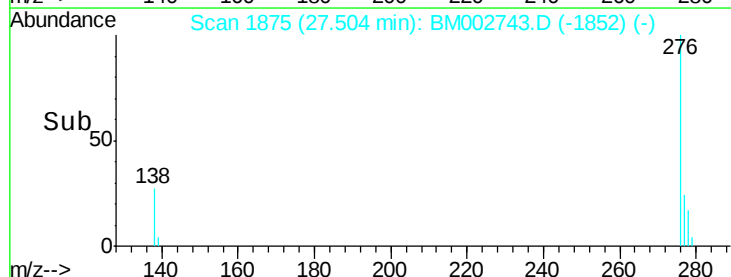
277 24.6 19.3 28.9

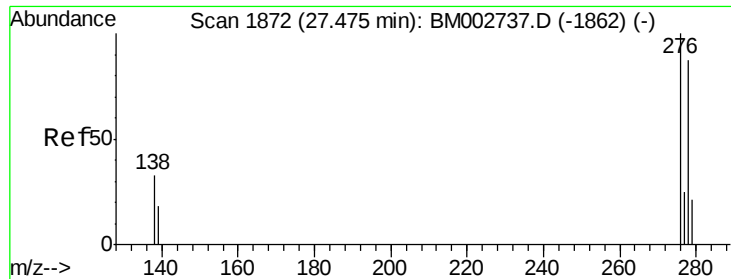


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

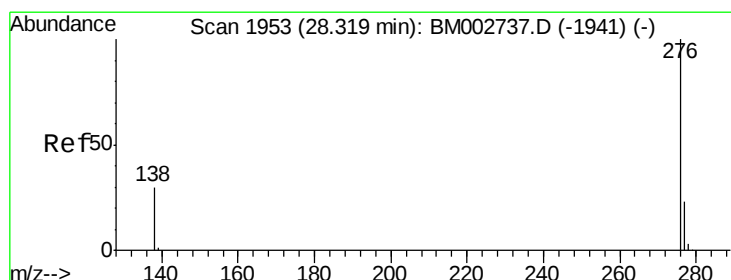
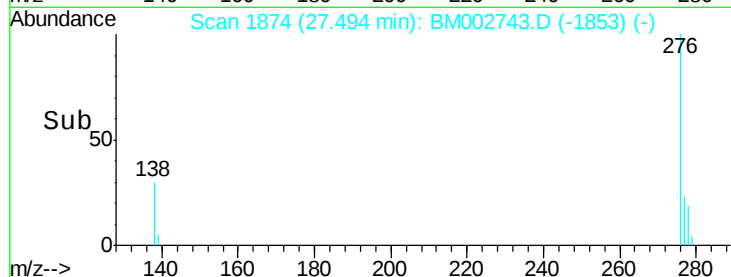
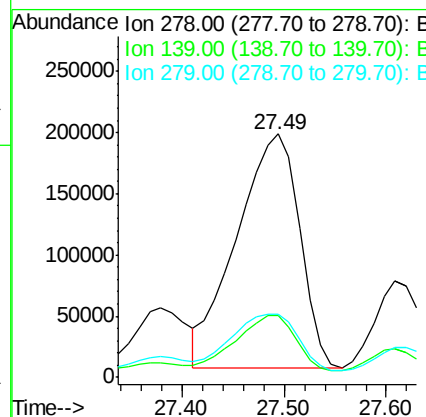
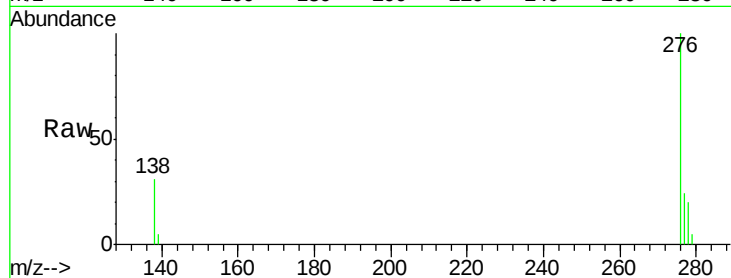




#27
Dibenzo(a,h)anthracene
Concen: 5.46 ng/ul
RT: 27.49 min Scan# 1874
Delta R.T. 0.02 min
Lab File: BM002743.D
Acq: 28 Sep 2015 20:54

Instrument :
BNA_M
ClientSampleId :
D9G76

Tot Ion:278 Resp: 814024
Ion Ratio Lower Upper
278 100
139 25.7 21.7 32.5
279 25.7 21.9 32.9



#28
Benzo(g,h,i)perylene
Concen: 18.82 ng/ul
RT: 28.36 min Scan# 1957
Delta R.T. 0.04 min
Lab File: BM002743.D
Acq: 28 Sep 2015 20:54

Tgt Ion:276 Resp: 2898446
Ion Ratio Lower Upper
276 100
277 24.5 21.3 31.9
138 31.1 25.5 38.3

