

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003862.D
 Acq On : 29 Dec 2015 22:56
 Operator : SJ/UM
 Sample : G4849-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68DL

Quant Time: Dec 30 03:34:40 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4268	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18586	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	10925	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	25277	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21528	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	18033	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	5513	3.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2085	0.09	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5317	0.10	ng/ul	0.00

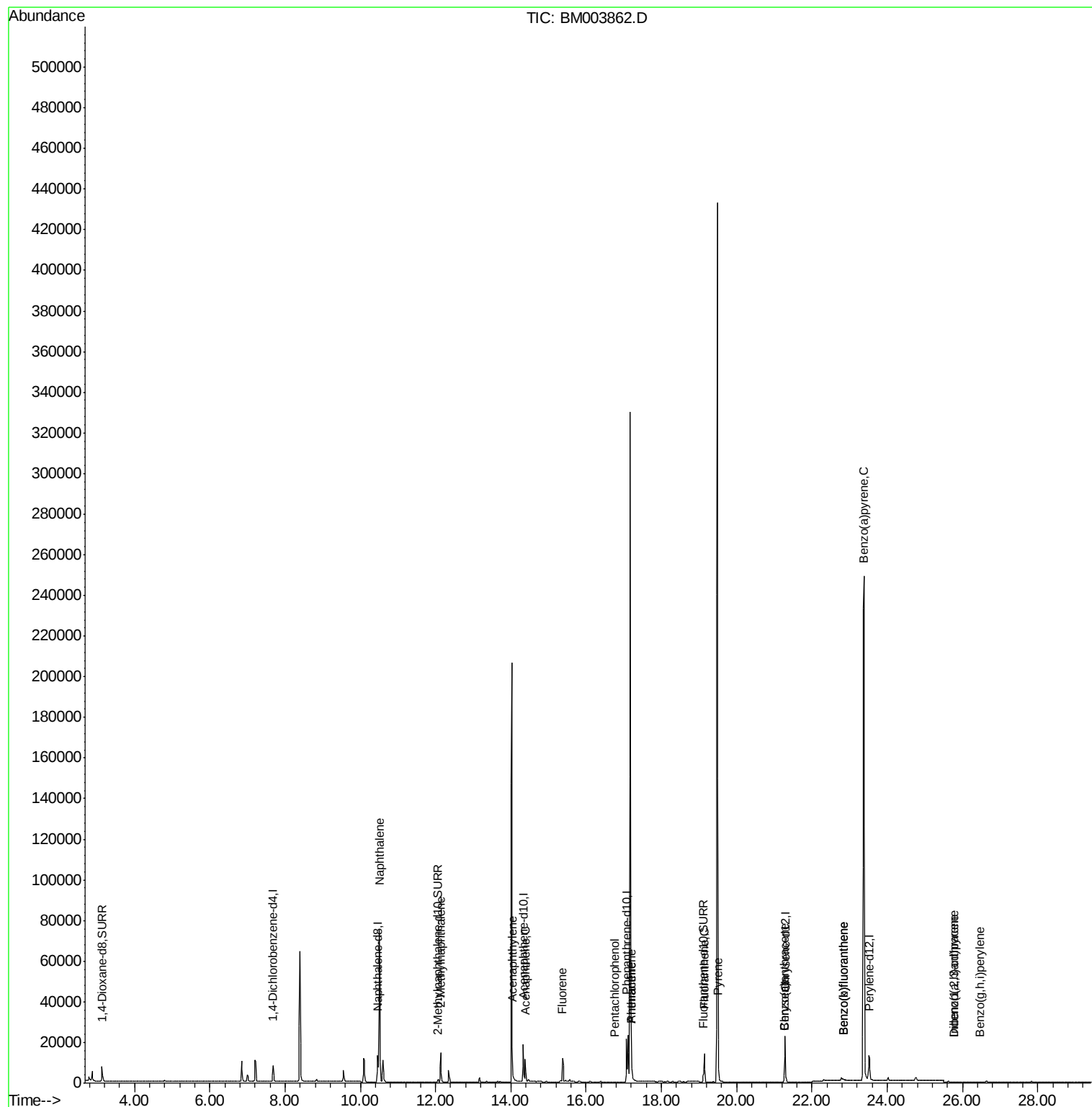
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.51	128	103755	2.48	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	12186	0.43	ng/ul	99
9) Acenaphthylene	14.04	152	372	0.01	ng/ul#	60
10) Acenaphthene	14.38	153	6873	0.20	ng/ul#	82
11) Fluorene	15.38	166	10201	0.27	ng/ul#	77
13) Pentachlorophenol	16.76	266	27	0.01	ng/ul#	55
14) Phenanthrene	17.21	178	3258	0.05	ng/ul	93
15) Anthracene	17.21	178	3503	0.06	ng/ul#	92
17) Fluoranthene	19.14	202	13358	0.19	ng/ul	98
19) Pyrene	19.51	202	10156	0.17	ng/ul	97
20) Benzo(a)anthracene	21.26	228	1719	0.03	ng/ul#	89
21) Chrysene	21.26	228	1719	0.03	ng/ul	92
23) Benzo(b)fluoranthene	22.85	252	1352	0.02	ng/ul#	10
24) Benzo(k)fluoranthene	22.85	252	1352	0.02	ng/ul#	12
25) Benzo(a)pyrene	23.37	252	1772	0.03	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.78	276	249	0.00	ng/ul#	85
27) Dibenzo(a,h)anthracene	25.79	278	134	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.46	276	233	0.00	ng/ul#	1

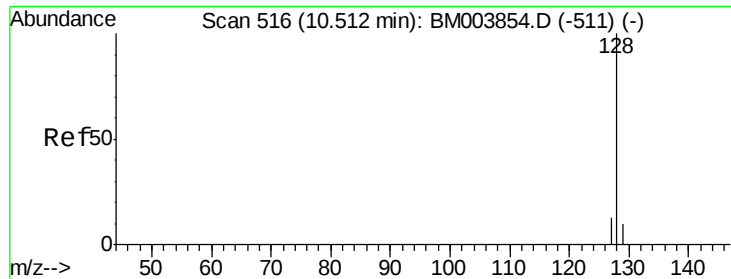
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003862.D
Acq On : 29 Dec 2015 22:56
Operator : SJ/UM
Sample : G4849-02DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N68DL

Quant Time: Dec 30 03:34:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 2.48 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

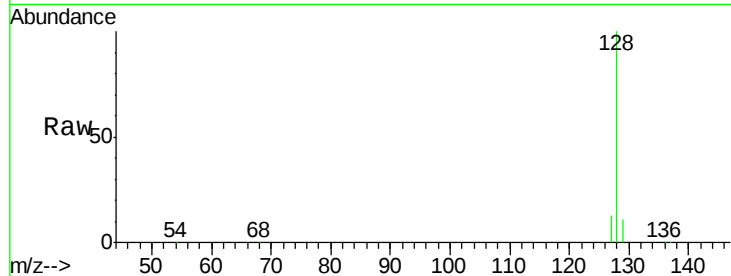
Tot Ion:128 Resp: 103755

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

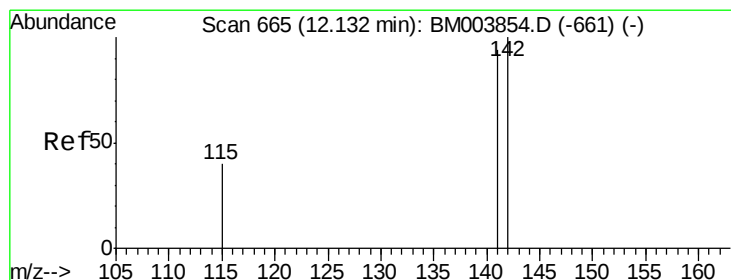
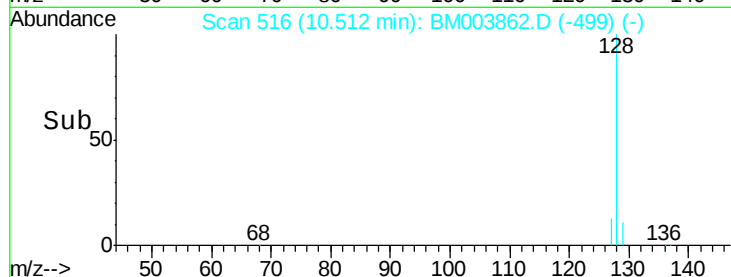
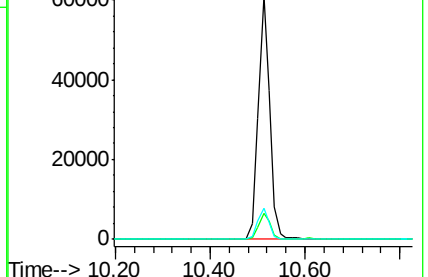
127 12.9 9.6 14.4



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: 0.43 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003862.D

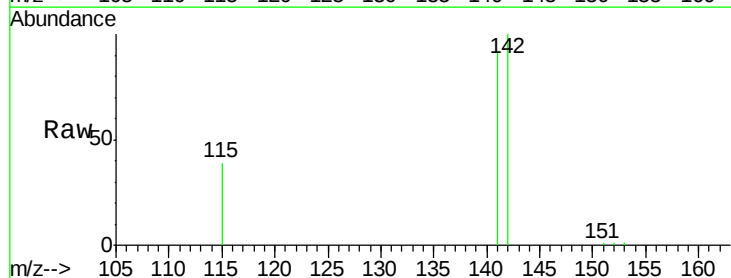
Acq: 29 Dec 2015 22:56

Tgt Ion:142 Resp: 12186

Ion Ratio Lower Upper

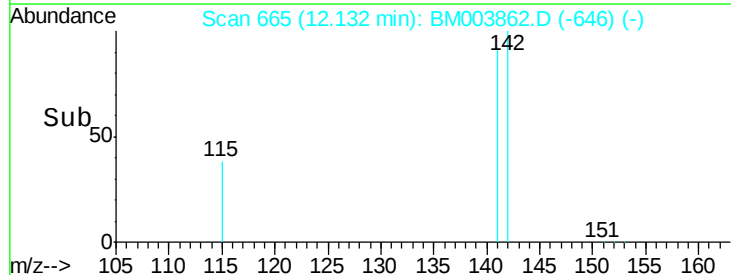
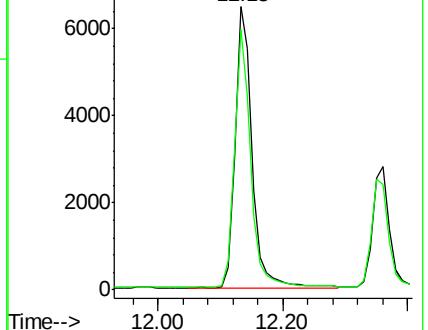
142 100

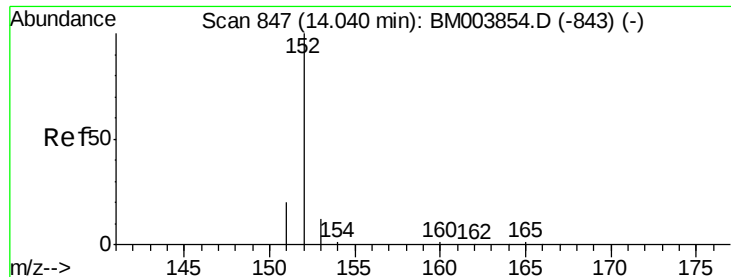
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

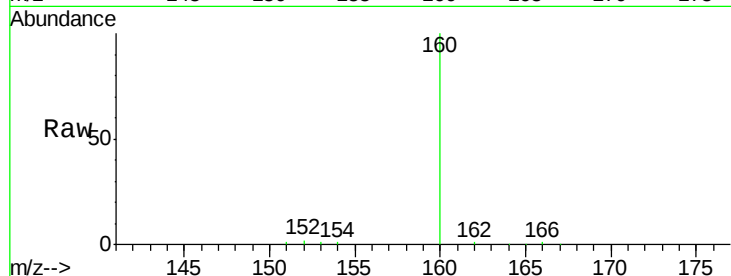
Tot Ion:152 Resp: 372

Ion Ratio Lower Upper

152 100

151 37.5 17.6 26.4#

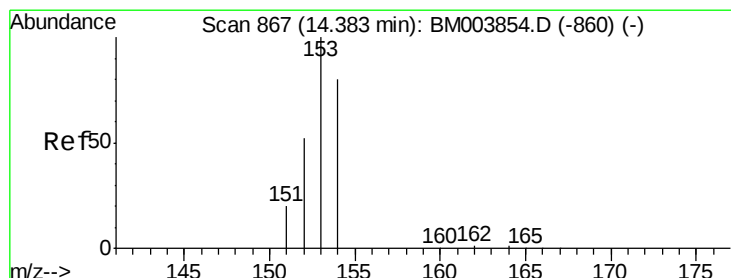
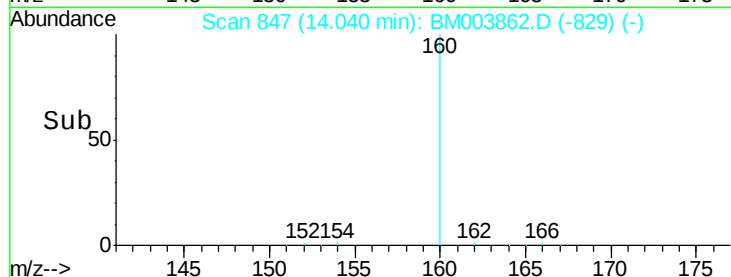
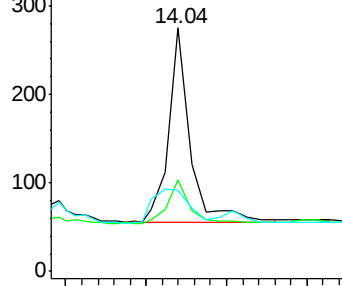
153 33.5 9.7 14.5#



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: 0.20 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

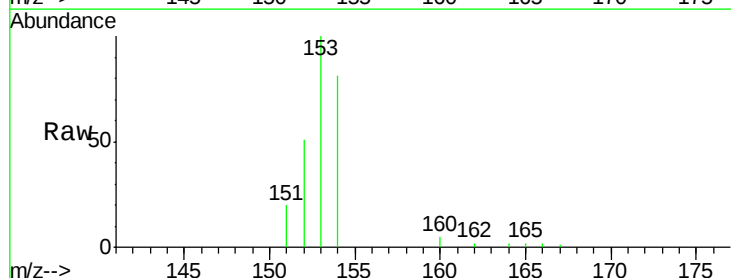
Tgt Ion:153 Resp: 6873

Ion Ratio Lower Upper

153 100

152 51.1 33.9 50.9#

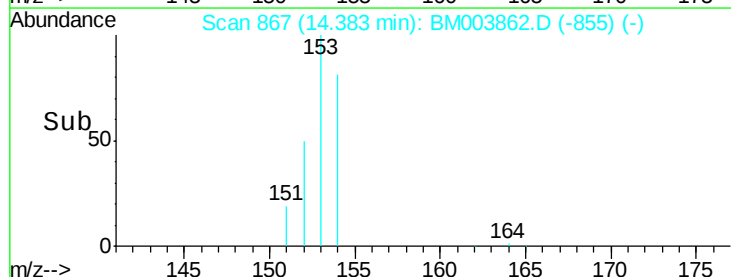
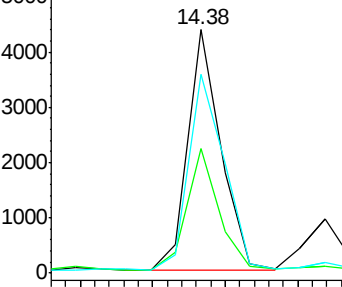
154 81.5 80.6 121.0

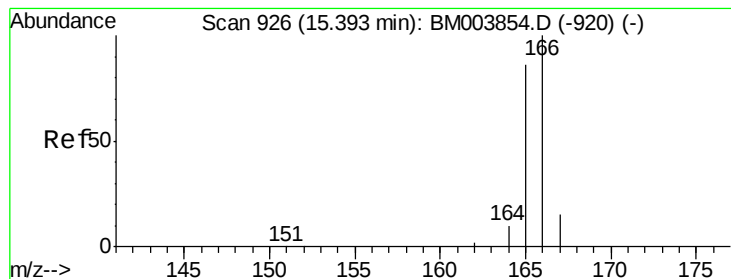


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.27 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

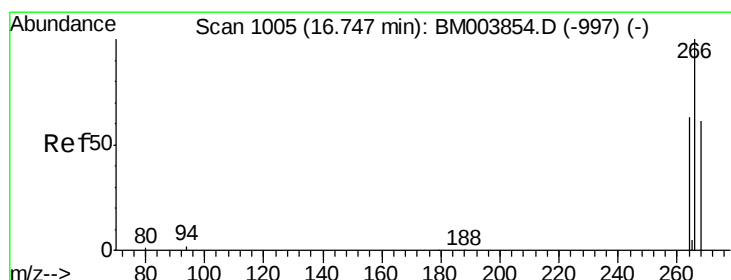
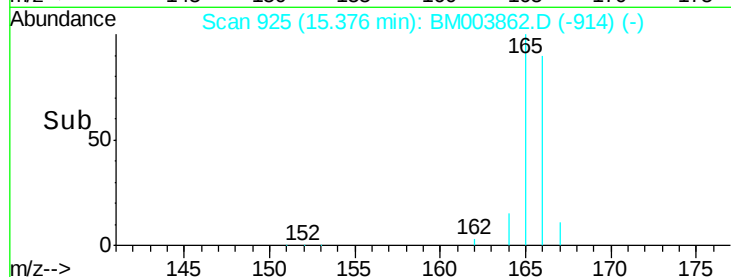
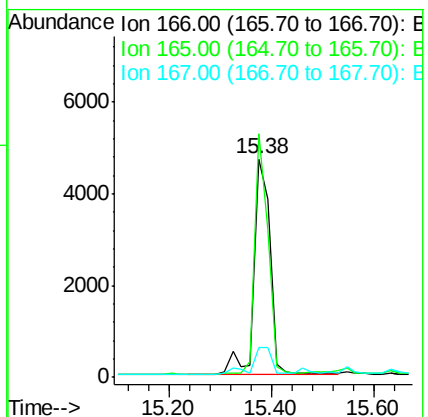
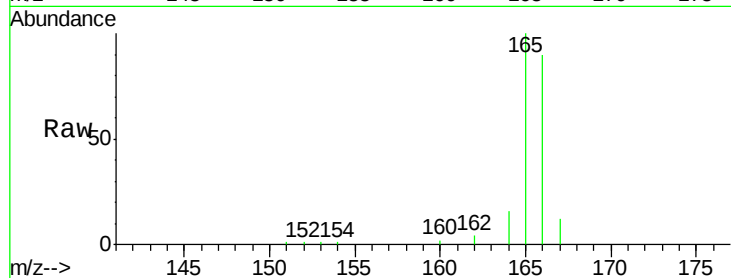
Tot Ion:166 Resp: 10201

Ion Ratio Lower Upper

166 100

165 111.6 69.6 104.4#

167 13.7 11.9 17.9



#13

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.76 min Scan# 1006

Delta R.T. 0.02 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

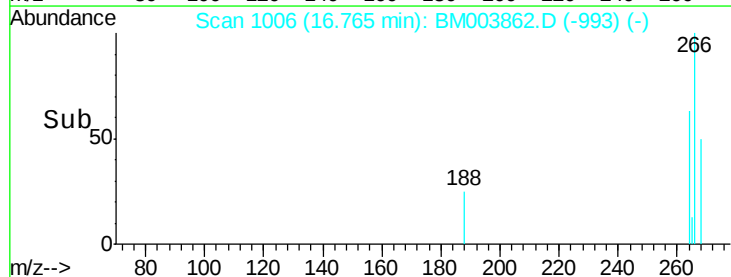
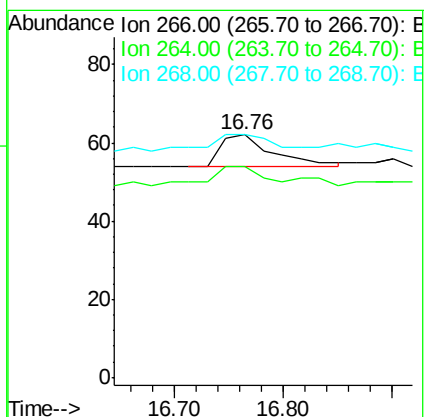
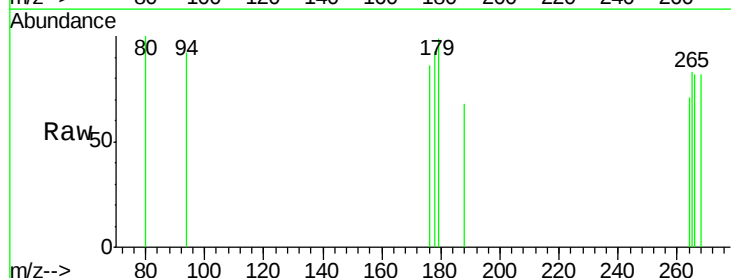
Tgt Ion:266 Resp: 27

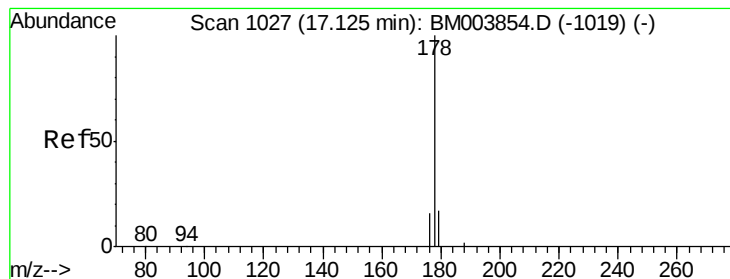
Ion Ratio Lower Upper

266 100

264 81.5 51.8 77.8#

268 111.1 46.8 70.2#





#14

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.09 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

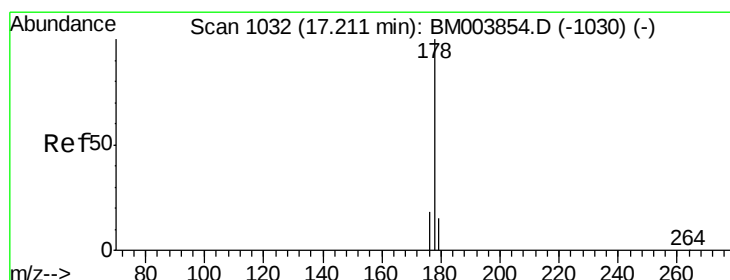
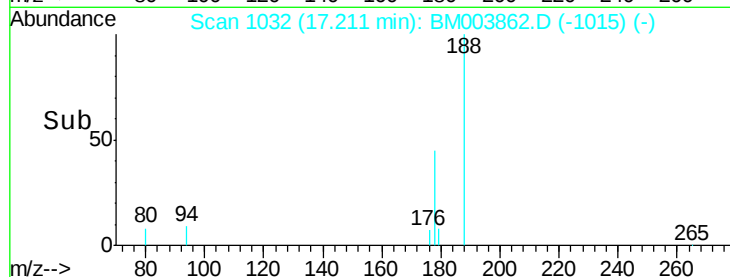
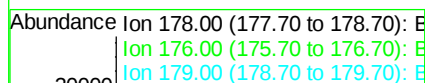
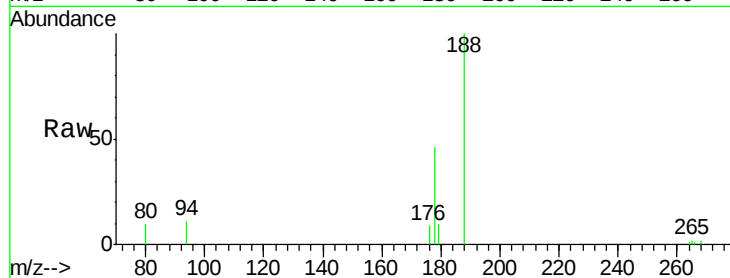
Tot Ion:178 Resp: 3258

Ion Ratio Lower Upper

178 100

176 19.4 13.0 19.4

179 20.9 14.2 21.2



#15

Anthracene

Concen: 0.06 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

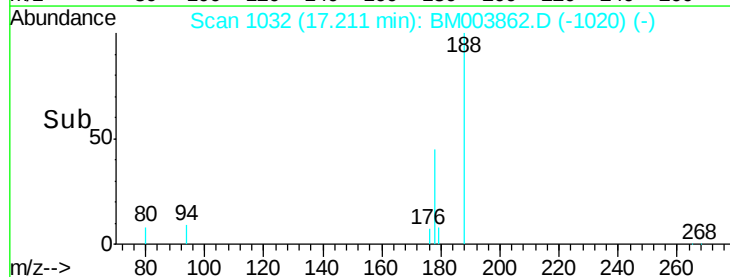
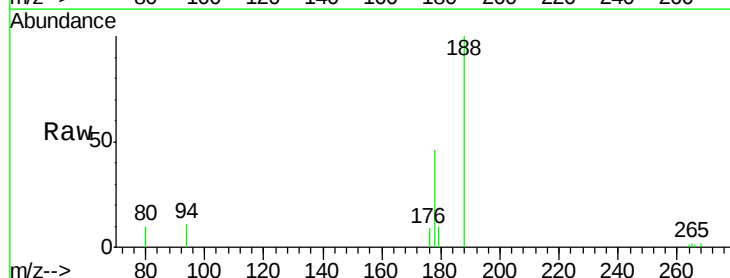
Tgt Ion:178 Resp: 3503

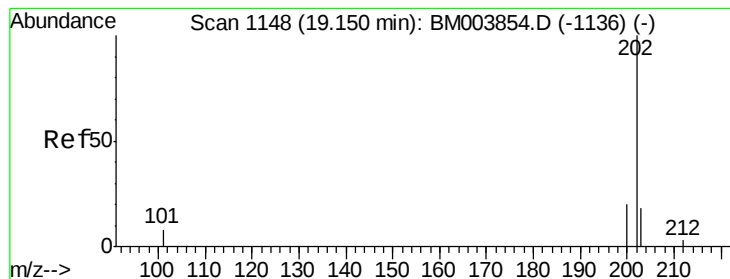
Ion Ratio Lower Upper

178 100

176 19.4 14.0 21.0

179 20.9 12.9 19.3#





#17

Fluoranthene

Concen: 0.19 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

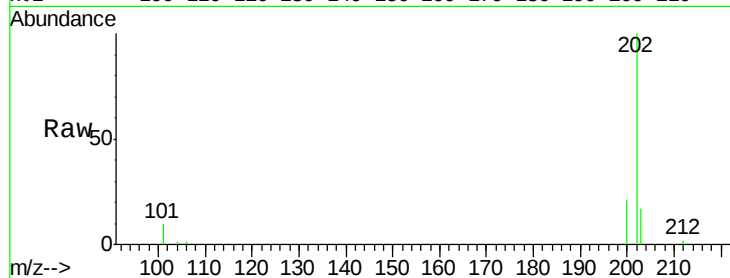
Tot Ion:202 Resp: 13358

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.6

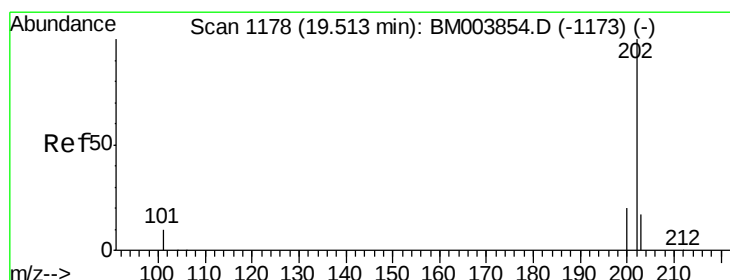
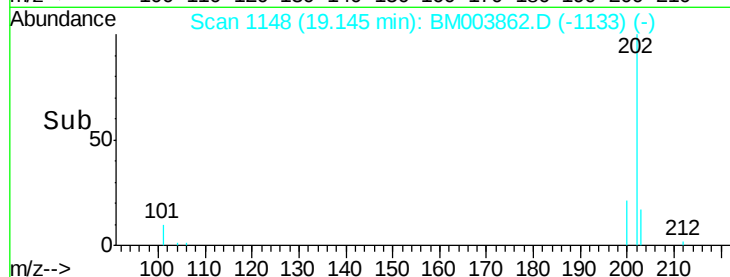
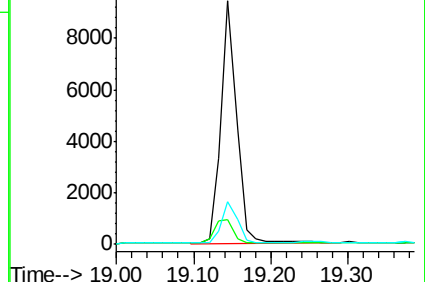
203 17.4 0.0 36.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.17 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

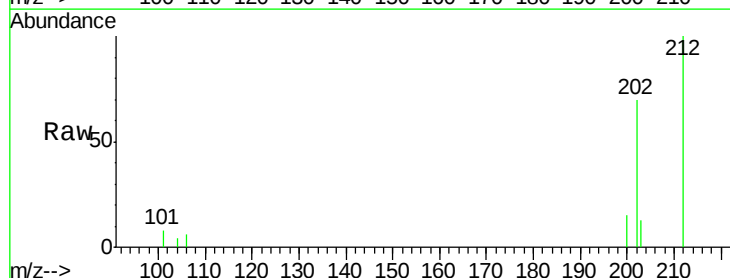
Tgt Ion:202 Resp: 10156

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.8

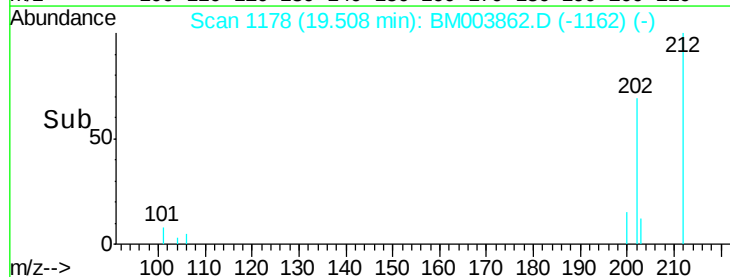
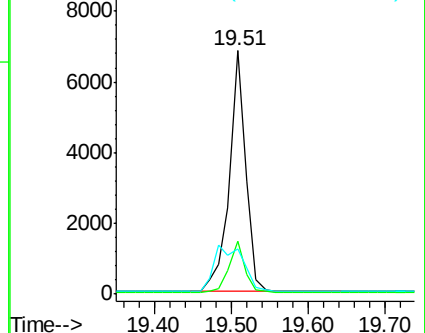
203 18.6 12.8 19.2

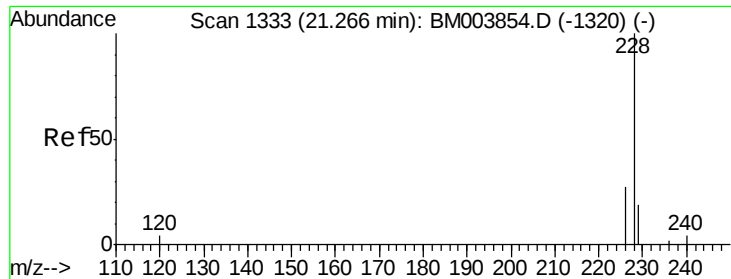


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

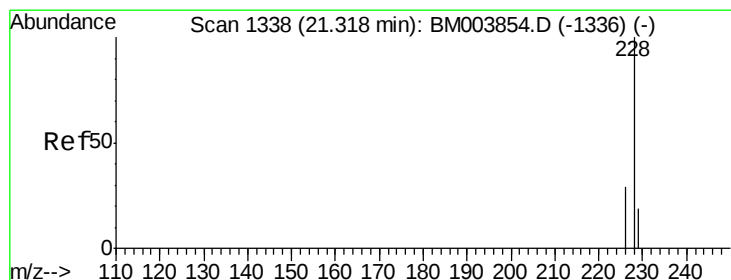
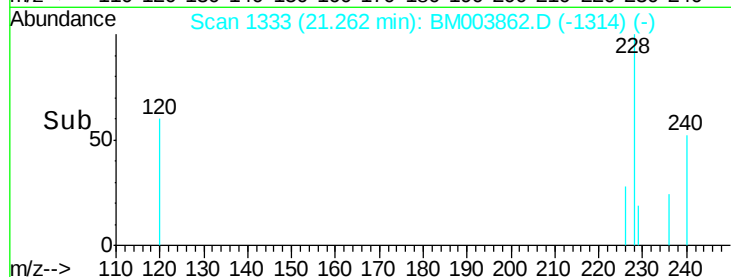
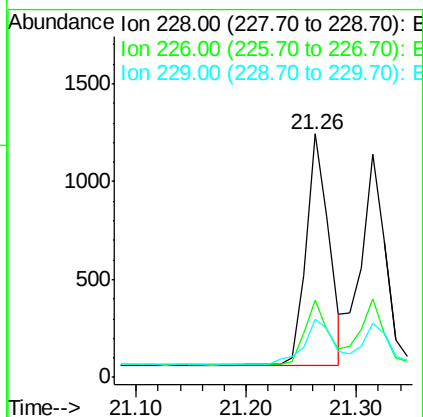
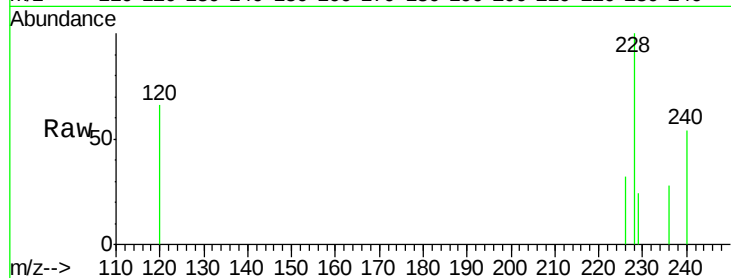
Tot Ion:228 Resp: 1719

Ion Ratio Lower Upper

228 100

226 31.8 18.8 28.2#

229 23.7 17.1 25.7



#21

Chrysene

Concen: 0.03 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. -0.06 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

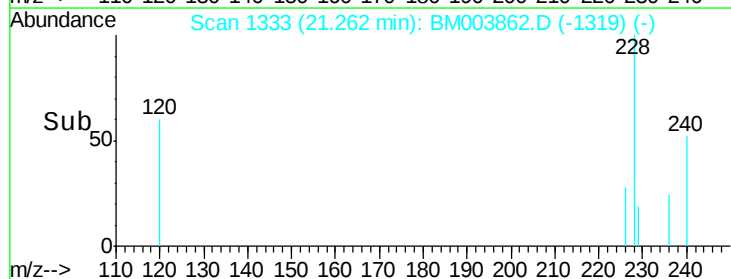
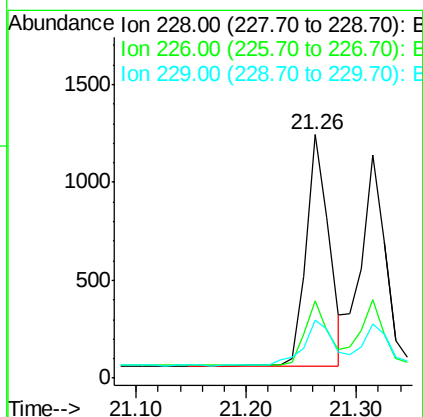
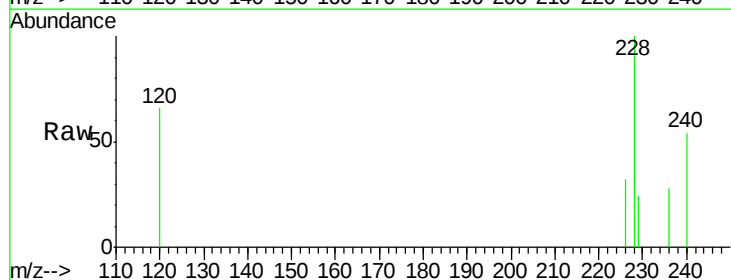
Tgt Ion:228 Resp: 1719

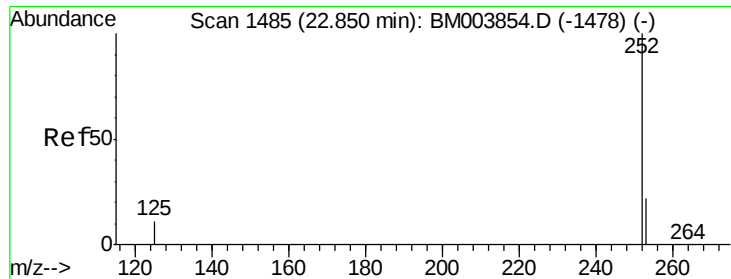
Ion Ratio Lower Upper

228 100

226 31.8 21.2 31.8

229 23.7 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

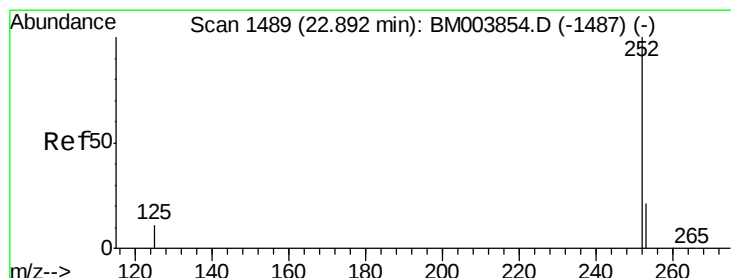
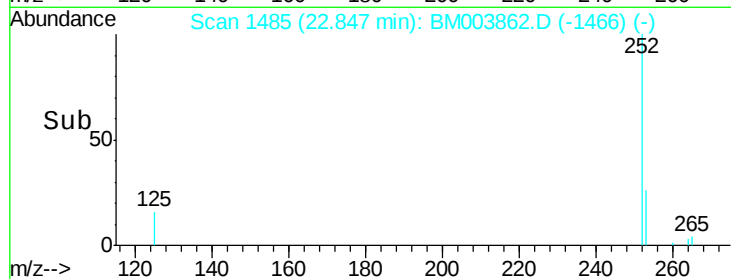
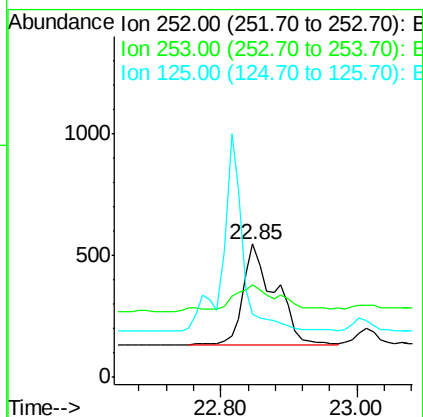
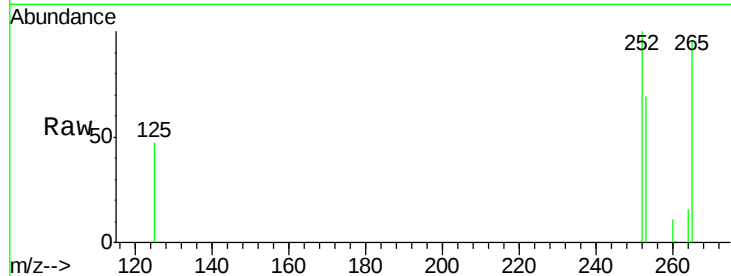
Tot Ion:252 Resp: 1352

Ion Ratio Lower Upper

252 100

253 69.1 0.0 45.4#

125 47.2 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.85 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

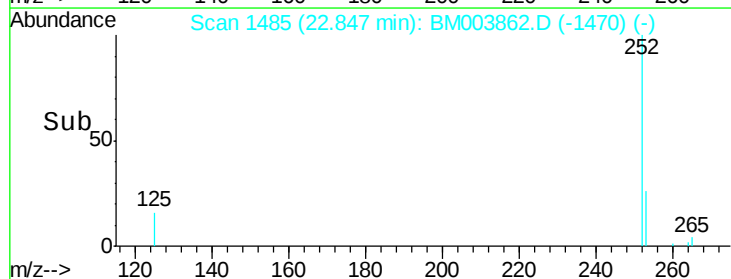
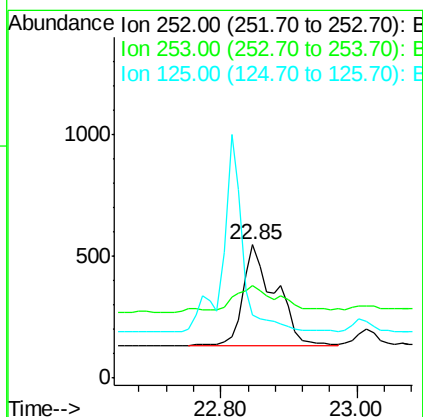
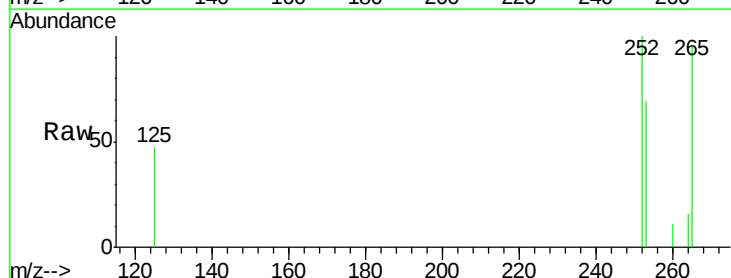
Tgt Ion:252 Resp: 1352

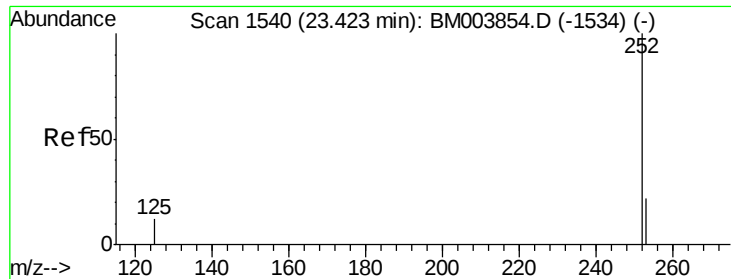
Ion Ratio Lower Upper

252 100

253 69.1 19.8 29.8#

125 47.2 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.06 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

ClientSampleId :

D9N68DL

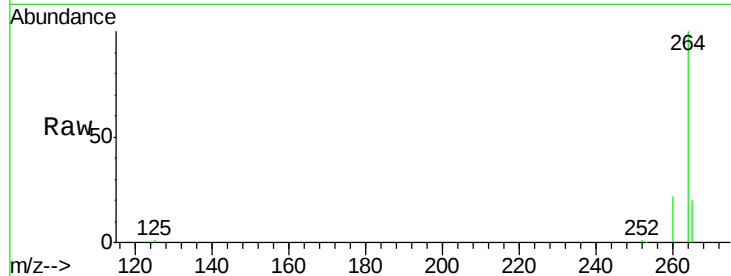
Tot Ion:252 Resp: 1772

Ion Ratio Lower Upper

252 100

253 60.6 19.4 29.2#

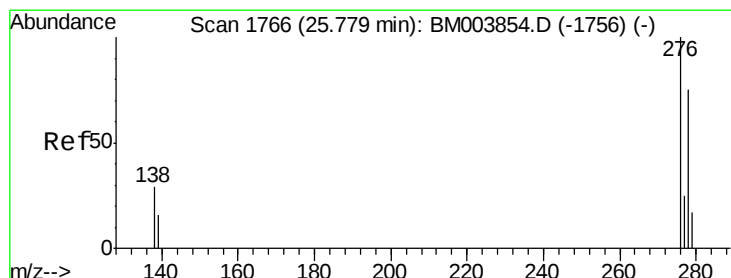
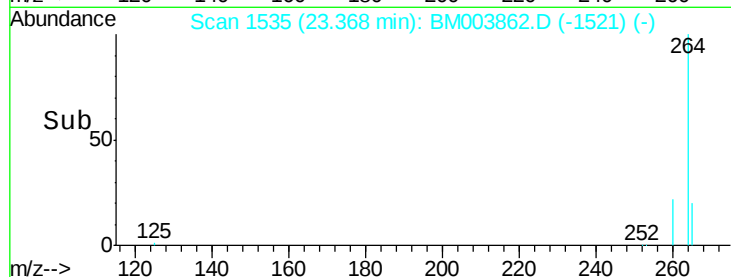
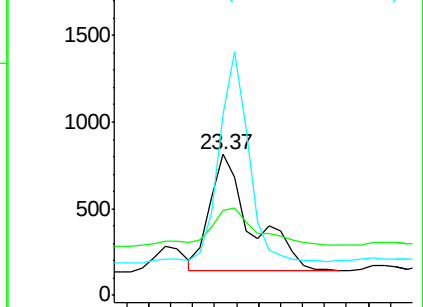
125 128.3 12.7 19.1#



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: 0.00 ng/ul

RT: 25.78 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

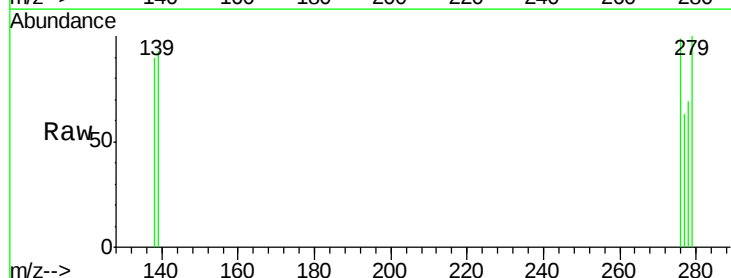
Tgt Ion:276 Resp: 249

Ion Ratio Lower Upper

276 100

138 32.9 16.3 24.5#

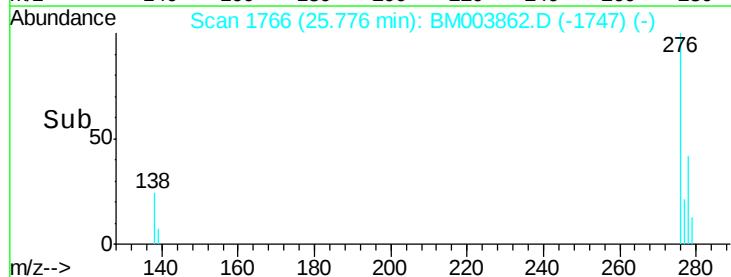
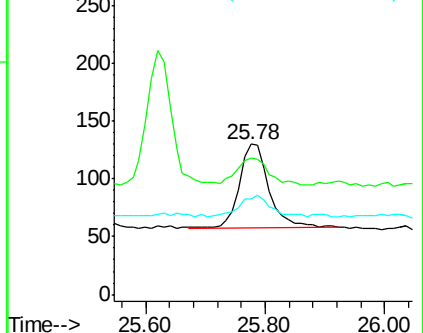
277 26.9 19.8 29.8

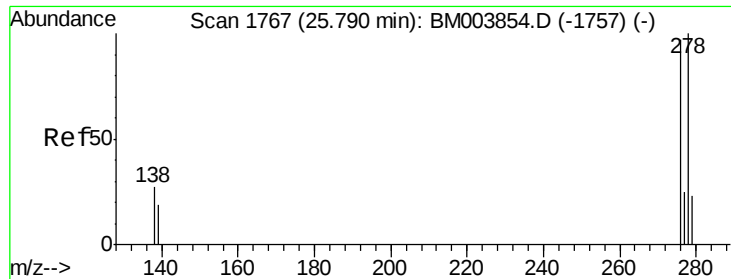


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

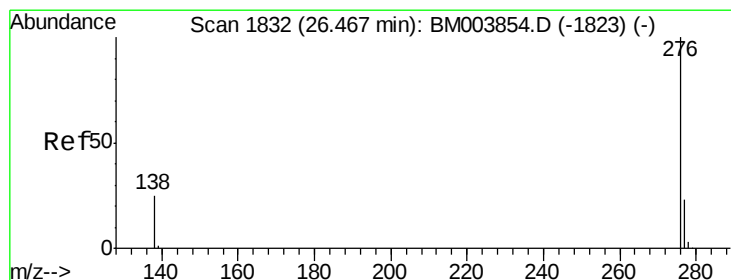
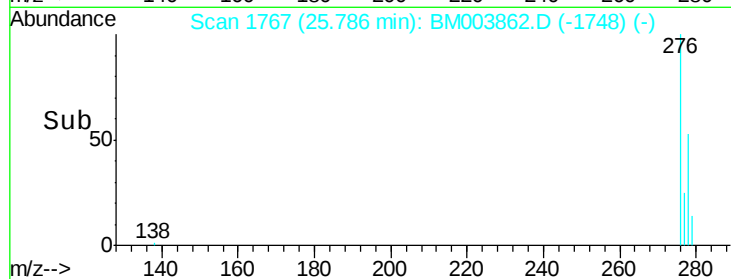
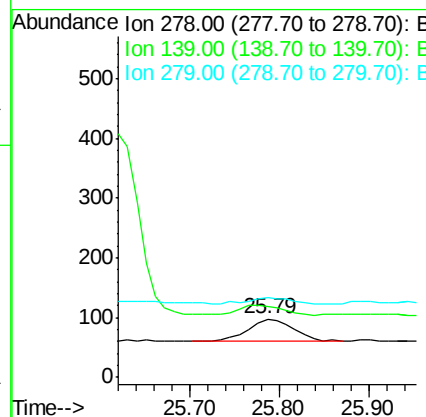
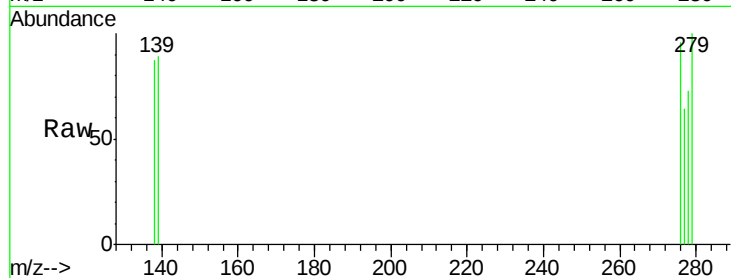




#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Instrument :
BNA_M
ClientSampleId :
D9N68DL

Tot Ion:278 Resp: 134
Ion Ratio Lower Upper
278 100
139 121.4 16.4 24.6#
279 136.7 20.2 30.2#



#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.46 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Tgt Ion:276 Resp: 233
Ion Ratio Lower Upper
276 100
277 70.4 18.9 28.3#
138 96.5 22.5 33.7#

