

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071415\
 Data File : BM001908.D
 Acq On : 13 Jul 2015 22:10
 Operator : TP/UM
 Sample : SSTD0.845
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.845

Quant Time: Jul 14 04:21:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 04:19:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	4658	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	2471	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	5259	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4772	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	4162	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	5814	0.96	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11633	0.98	ng/ul	0.00

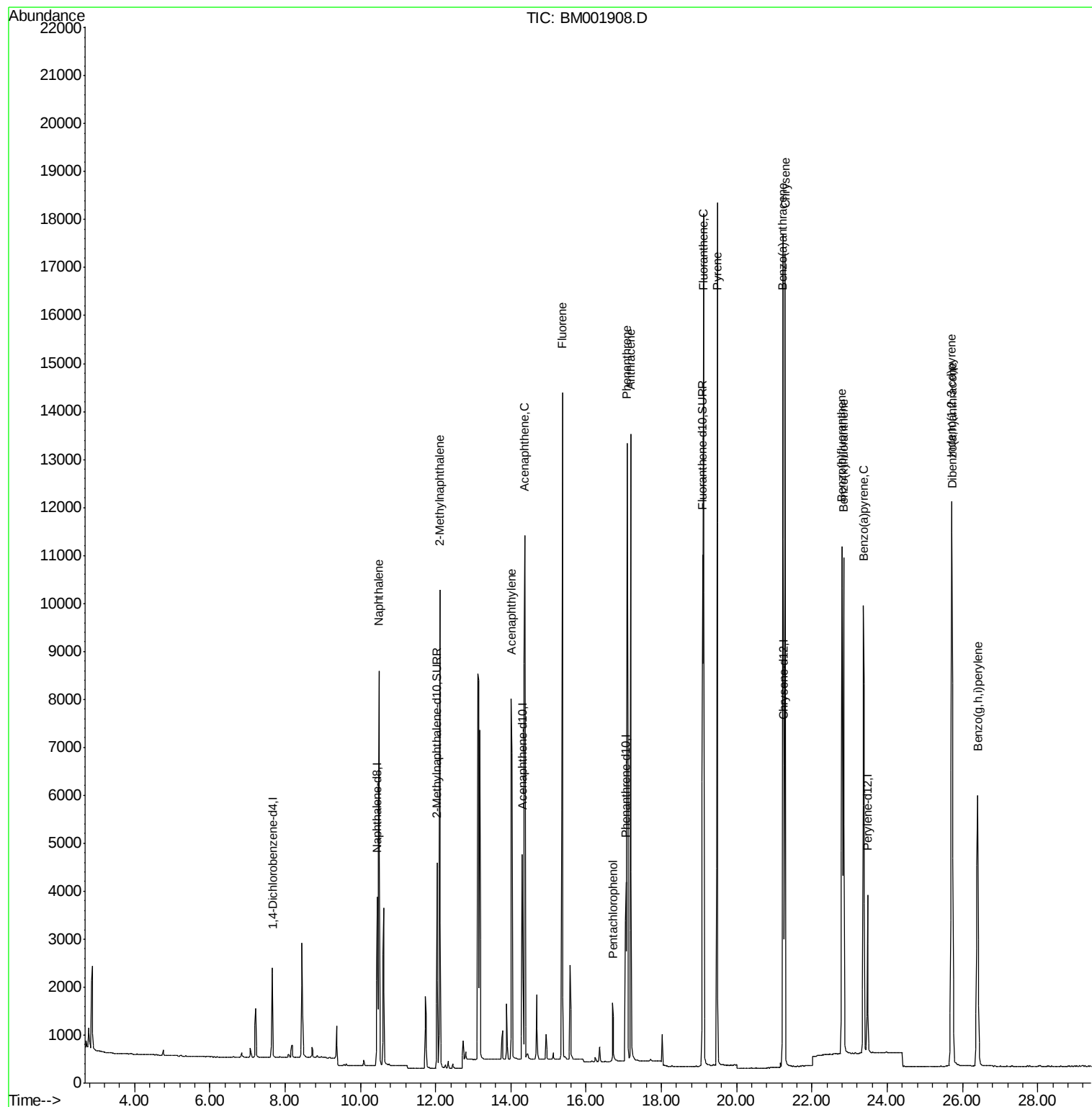
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	11222	0.88	ng/ul	99
5) 2-Methylnaphthalene	12.11	142	7531	0.93	ng/ul	99
7) Acenaphthylene	14.01	152	11567	0.93	ng/ul	99
8) Acenaphthene	14.37	153	8153	0.87	ng/ul	99
9) Fluorene	15.37	166	9390	0.89	ng/ul	97
11) Pentachlorophenol	16.70	266	1080	0.92	ng/ul	99
12) Phenanthrene	17.09	178	14328	0.87	ng/ul	99
13) Anthracene	17.18	178	14228	0.94	ng/ul	99
15) Fluoranthene	19.12	202	16368	0.93	ng/ul	98
17) Pyrene	19.48	202	16732	0.86	ng/ul	98
18) Benzo(a)anthracene	21.23	228	14453	0.90	ng/ul	99
19) Chrysene	21.28	228	14153	0.84	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	15158	0.91	ng/ul	96
22) Benzo(k)fluoranthene	22.85	252	12022	0.78	ng/ul	98
23) Benzo(a)pyrene	23.37	252	12844	0.87	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.71	276	13346	0.79	ng/ul	100
25) Dibenzo(a,h)anthracene	25.73	278	10618	0.77	ng/ul	98
26) Benzo(g,h,i)perylene	26.40	276	11328	0.77	ng/ul	98

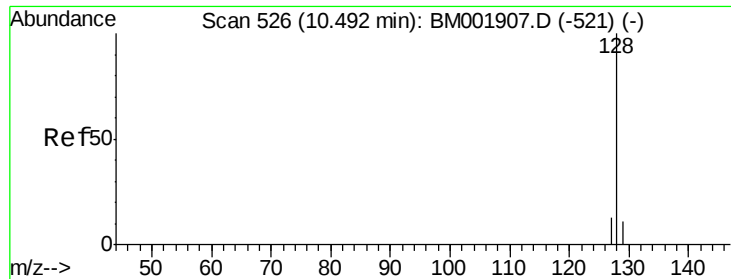
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071415\
Data File : BM001908.D
Acq On : 13 Jul 2015 22:10
Operator : TP/UM
Sample : SST0.845
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.845

Quant Time: Jul 14 04:21:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 04:19:54 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.88 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

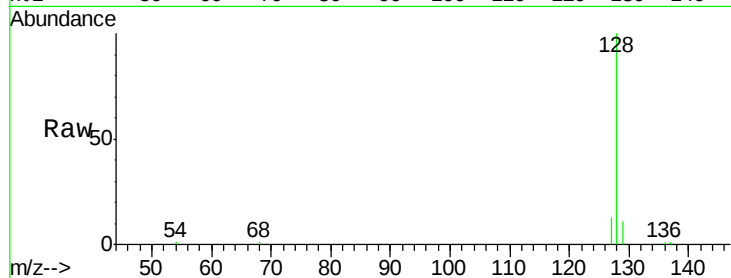
Tgt Ion:128 Resp: 11222

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

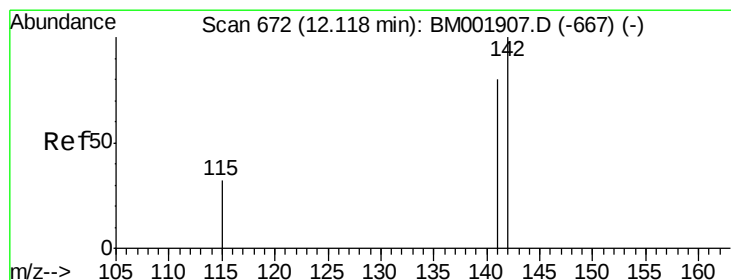
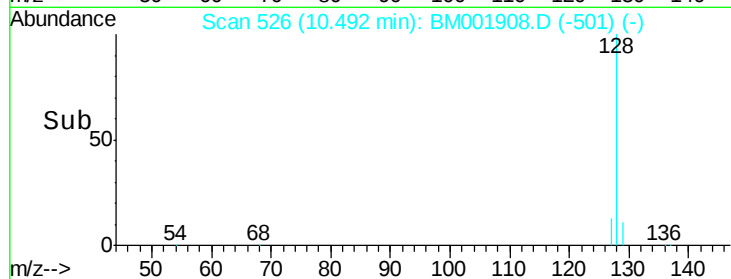
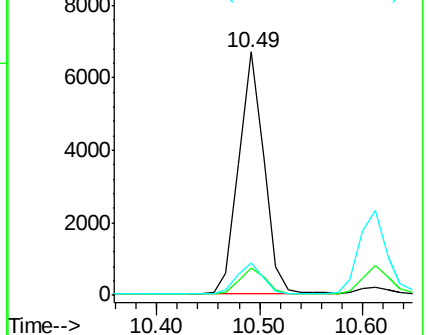
127 13.3 11.0 16.6



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



#5

2-Methylnaphthalene

Concen: 0.93 ng/ul

RT: 12.11 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM001908.D

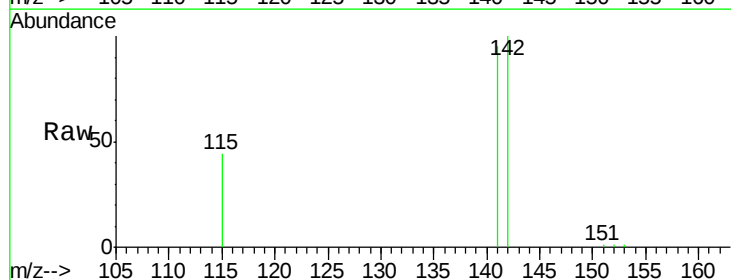
Acq: 13 Jul 2015 22:10

Tgt Ion:142 Resp: 7531

Ion Ratio Lower Upper

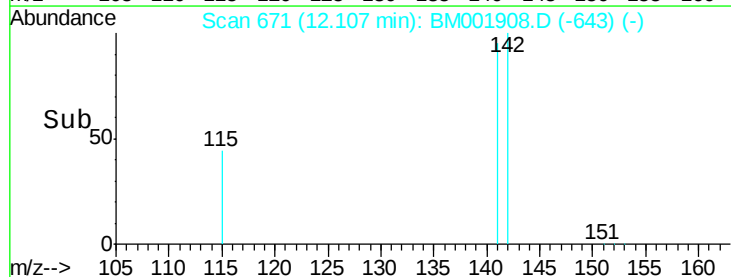
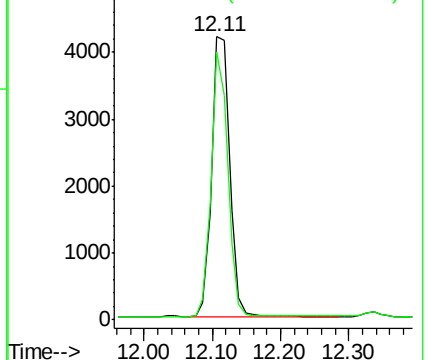
142 100

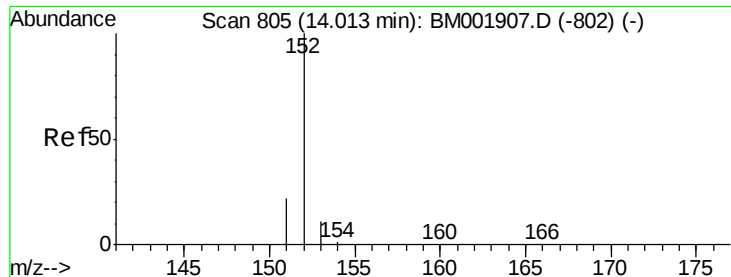
141 87.9 70.7 106.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.93 ng/ul

RT: 14.01 min Scan# 805

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

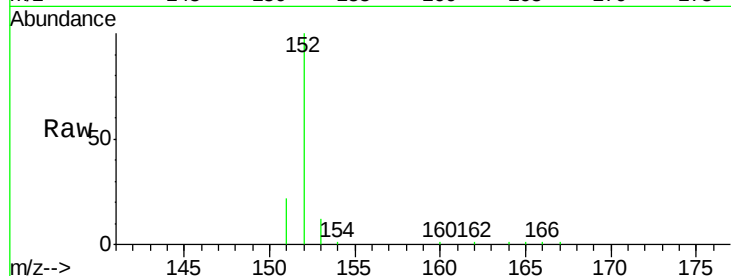
Tgt Ion:152 Resp: 11567

Ion Ratio Lower Upper

152 100

151 22.5 18.5 27.7

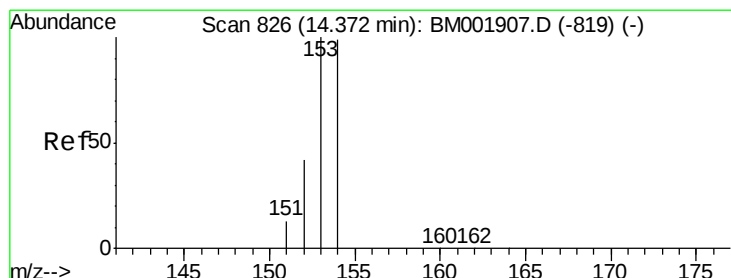
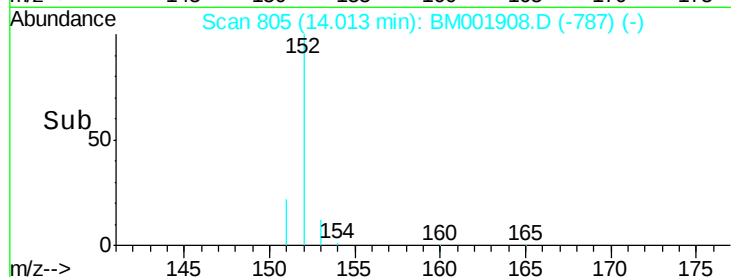
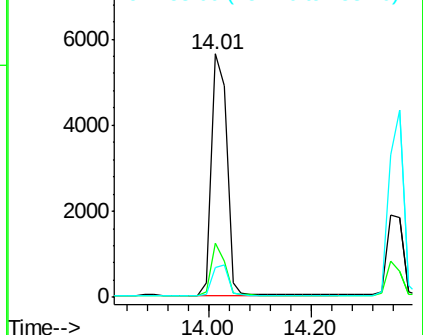
153 12.4 10.3 15.5



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



#8

Acenaphthene

Concen: 0.87 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

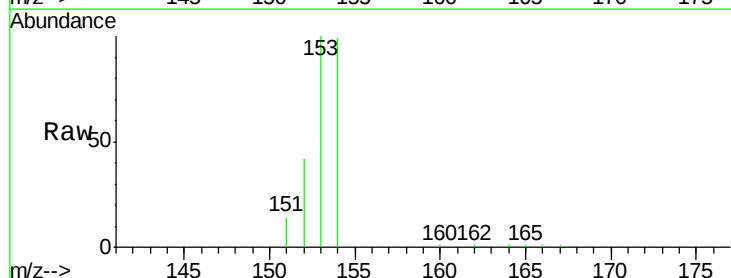
Tgt Ion:153 Resp: 8153

Ion Ratio Lower Upper

153 100

152 42.2 34.9 52.3

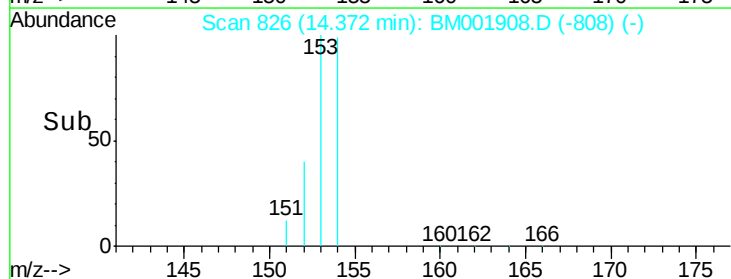
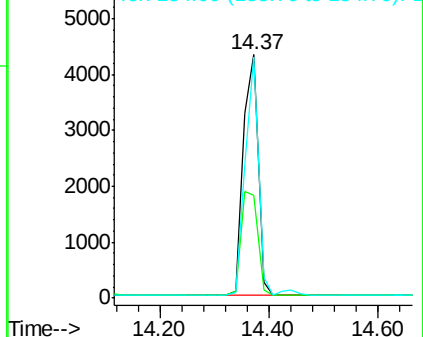
154 99.2 79.0 118.4

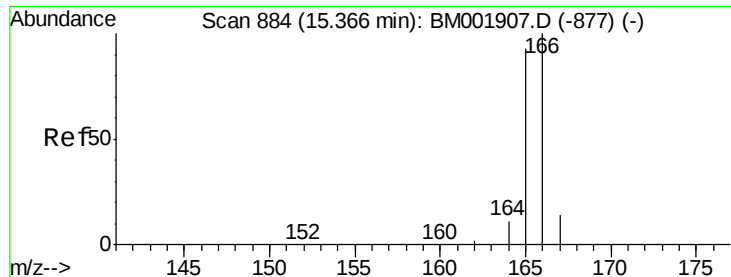


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.89 ng/ul

RT: 15.37 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

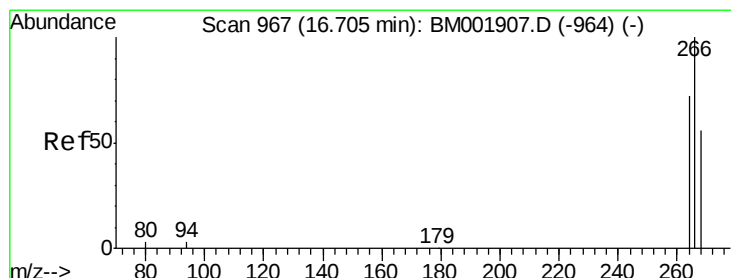
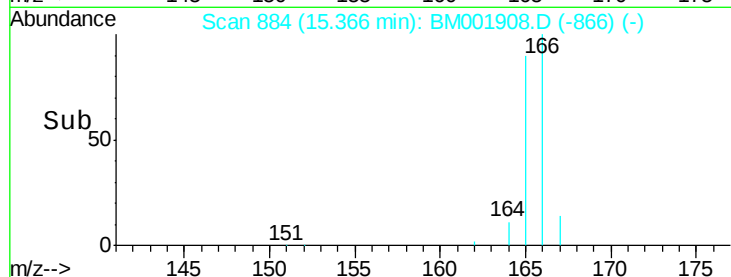
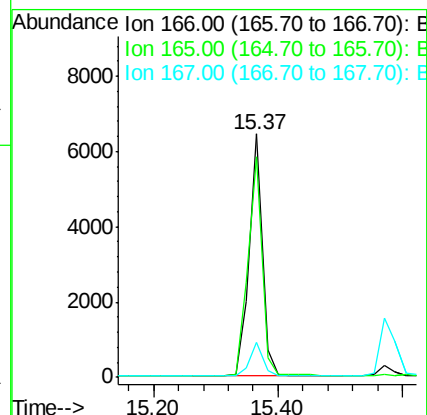
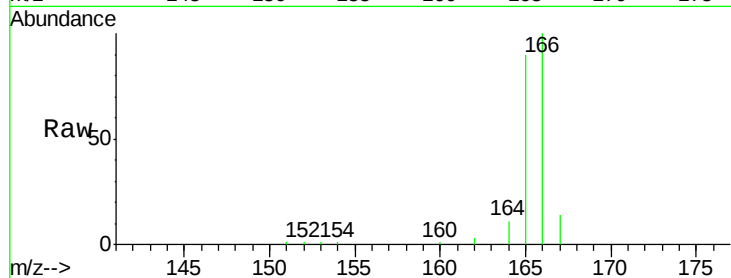
Tgt Ion:166 Resp: 9390

Ion Ratio Lower Upper

166 100

165 90.4 74.4 111.6

167 14.4 12.0 18.0



#11

Pentachlorophenol

Concen: 0.92 ng/ul

RT: 16.70 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

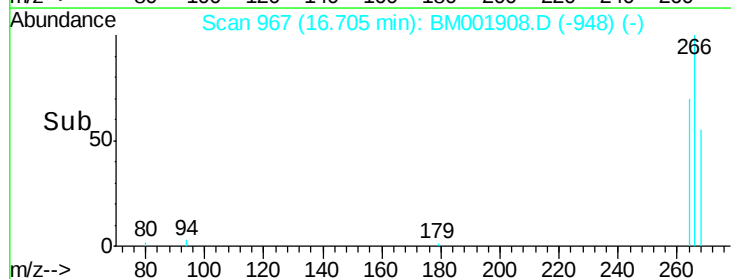
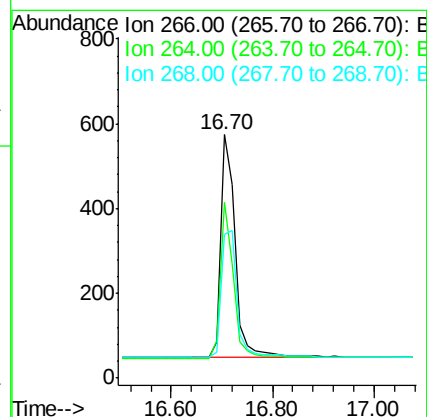
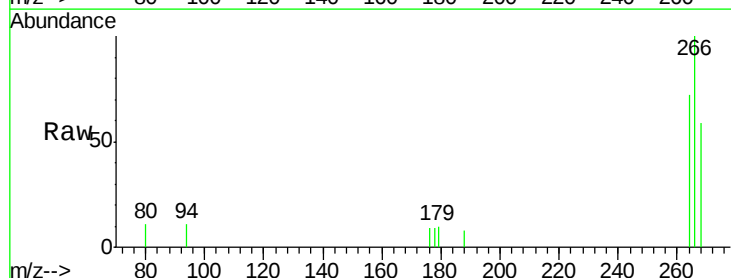
Tgt Ion:266 Resp: 1080

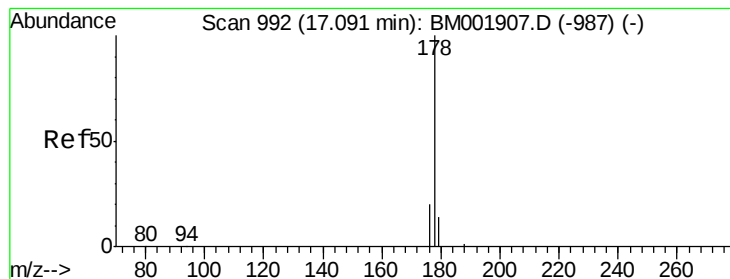
Ion Ratio Lower Upper

266 100

264 63.1 49.9 74.9

268 63.9 52.1 78.1





#12

Phenanthrene

Concen: 0.87 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

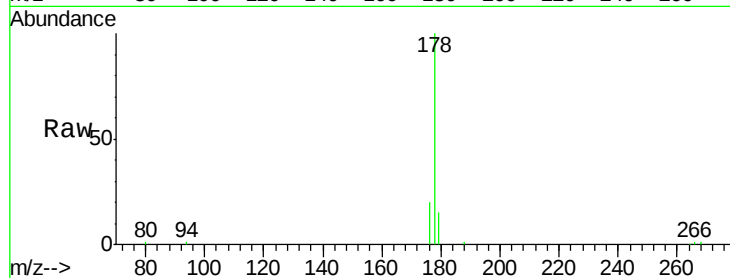
Tgt Ion:178 Resp: 14328

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

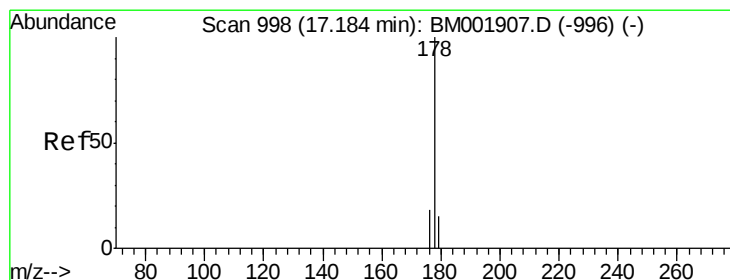
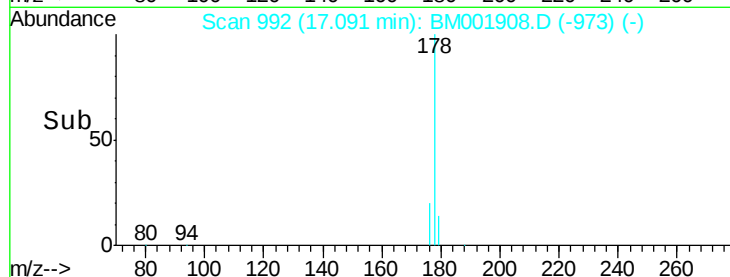
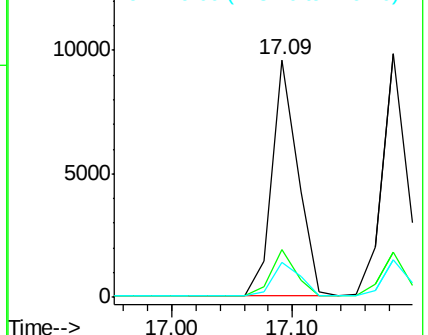
179 14.8 12.2 18.2



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



#13

Anthracene

Concen: 0.94 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

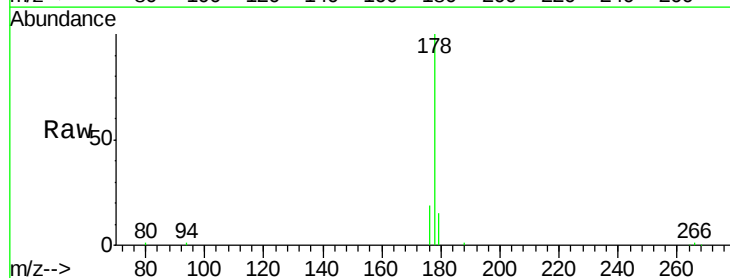
Tgt Ion:178 Resp: 14228

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

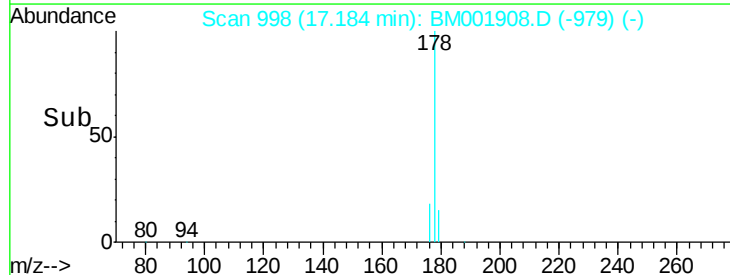
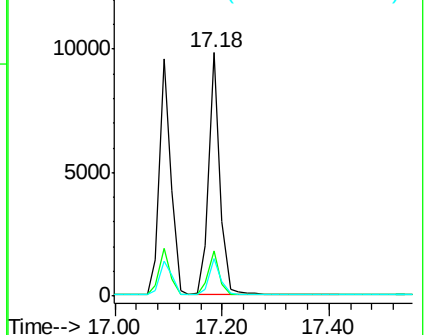
179 15.3 12.6 18.8

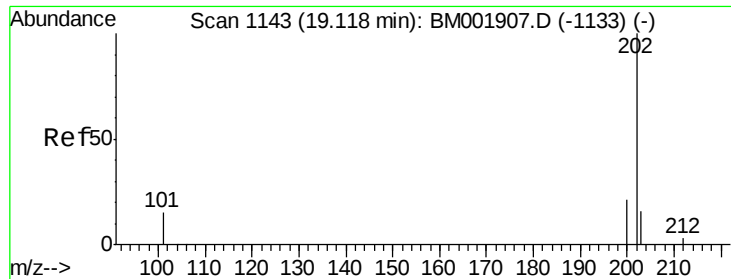


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.93 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

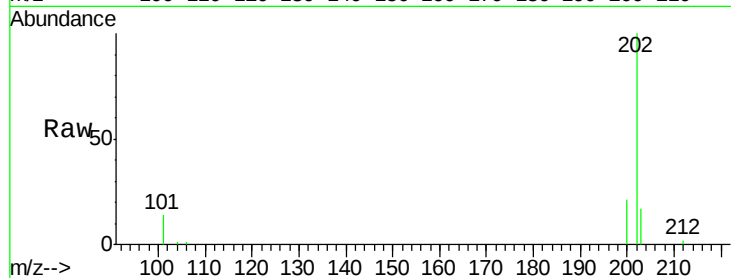
Tgt Ion:202 Resp: 16368

Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.3

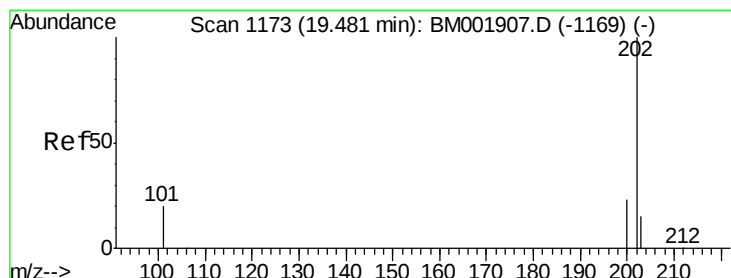
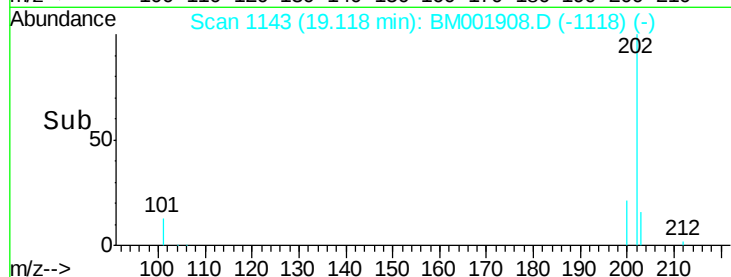
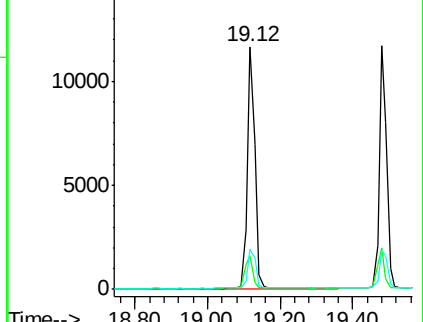
203 16.6 0.0 36.8



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



#17

Pyrene

Concen: 0.86 ng/ul

RT: 19.48 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

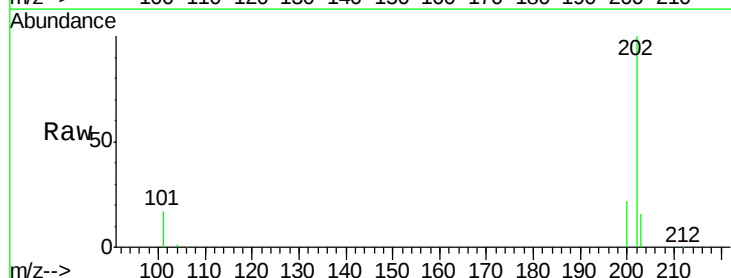
Tgt Ion:202 Resp: 16732

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

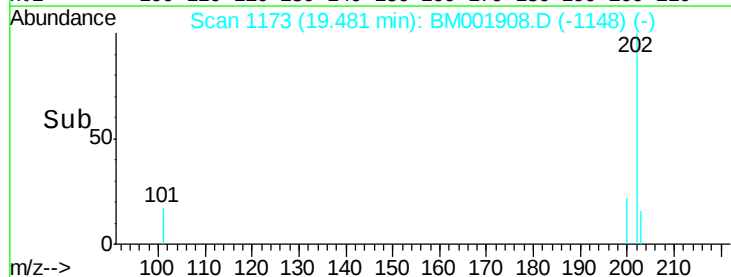
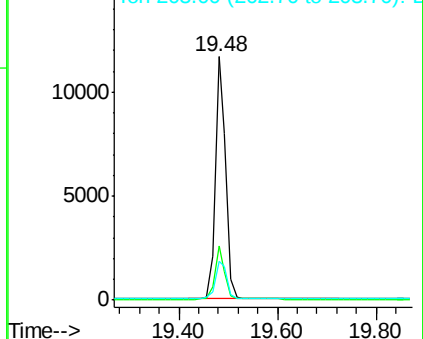
203 16.1 13.0 19.4

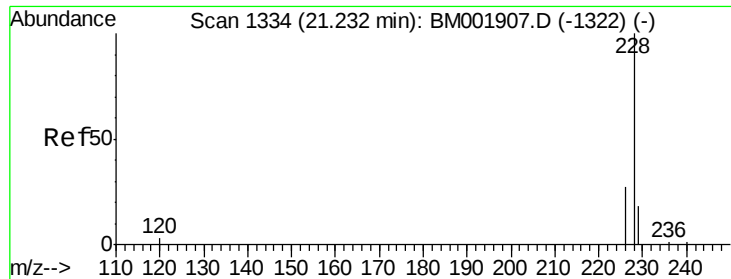


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.90 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

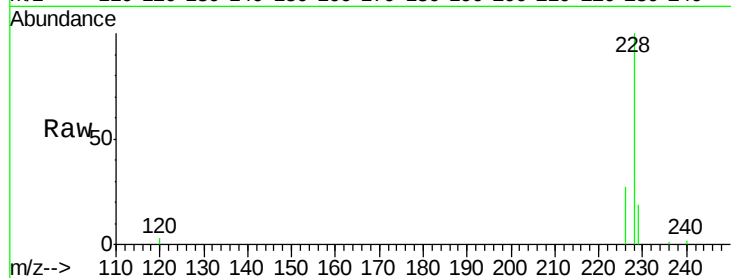
Tgt Ion:228 Resp: 14453

Ion Ratio Lower Upper

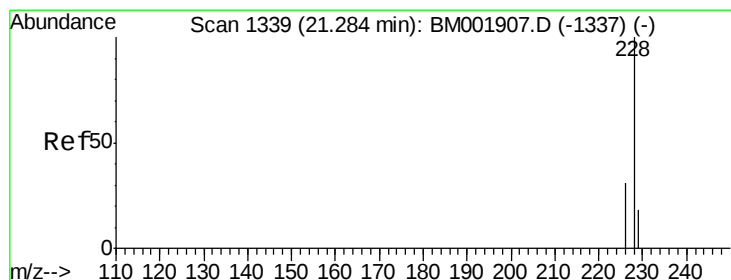
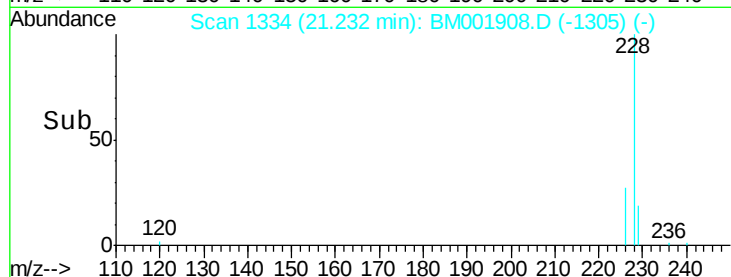
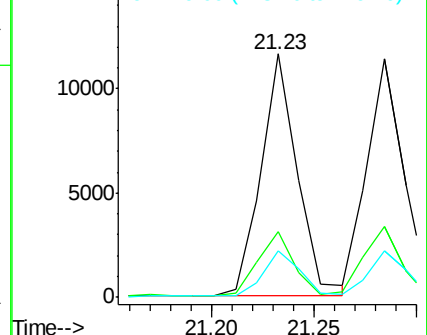
228 100

226 27.1 22.3 33.5

229 19.3 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



#19

Chrysene

Concen: 0.84 ng/ul

RT: 21.28 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

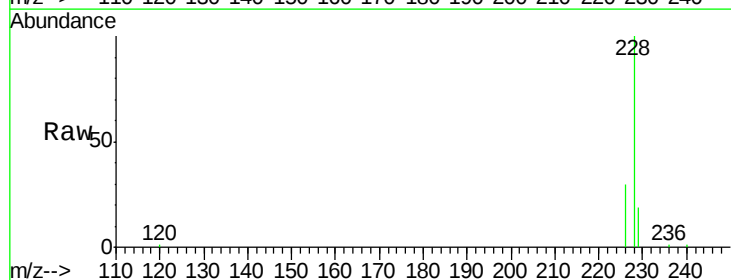
Tgt Ion:228 Resp: 14153

Ion Ratio Lower Upper

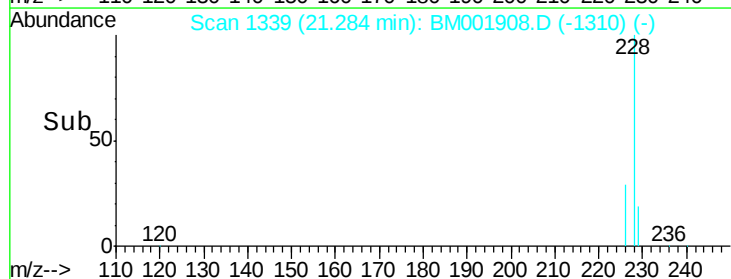
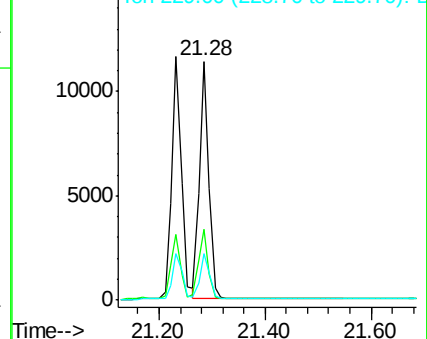
228 100

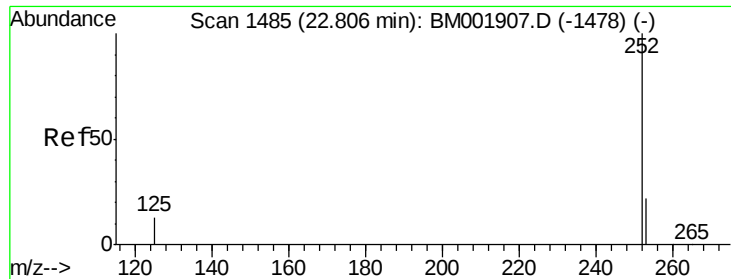
226 29.7 25.7 38.5

229 19.3 14.8 22.2



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

Benzo(b)fluoranthene

Concen: 0.91 ng/u1

RT: 22.80 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

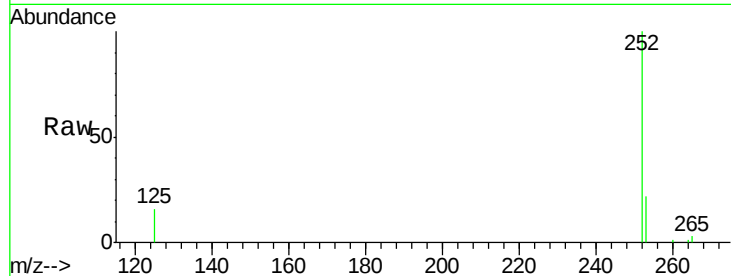
Tgt Ion:252 Resp: 15158

Ion Ratio Lower Upper

252 100

253 21.6 0.0 49.0

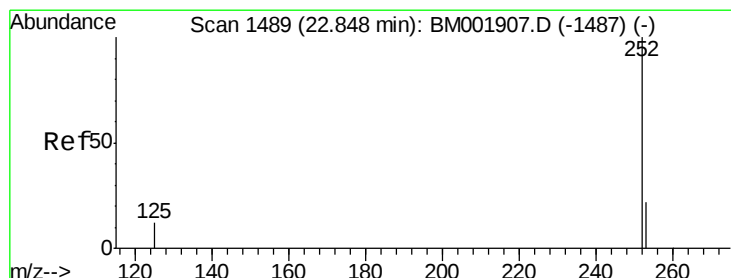
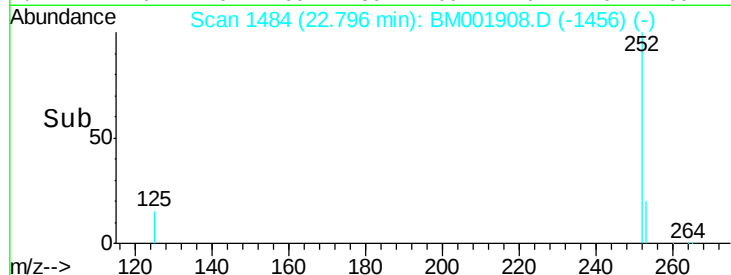
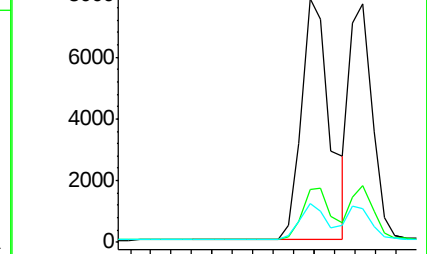
125 16.0 0.0 31.0



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



#22

Benzo(k)fluoranthene

Concen: 0.78 ng/u1

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

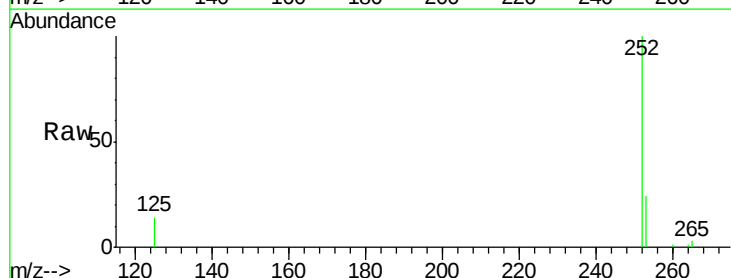
Tgt Ion:252 Resp: 12022

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

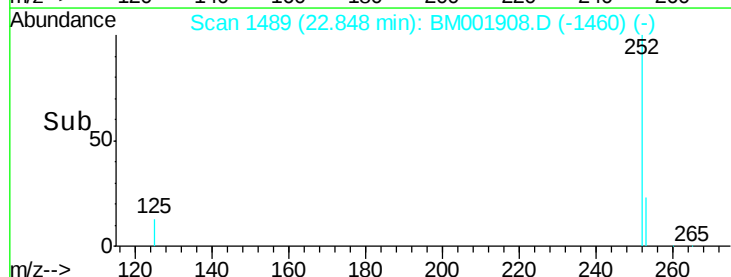
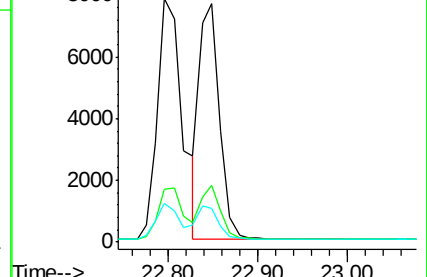
125 14.2 12.5 18.7

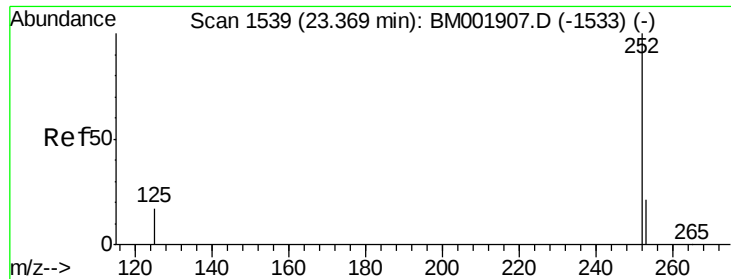


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.87 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.845

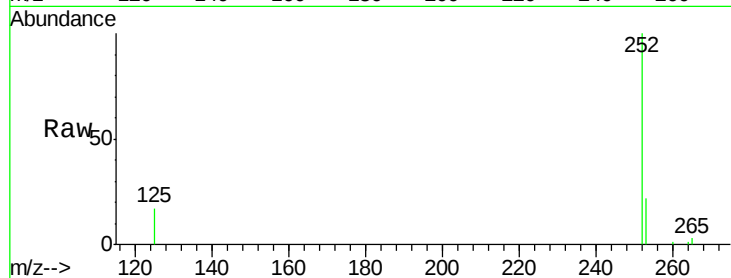
Tgt Ion:252 Resp: 12844

Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

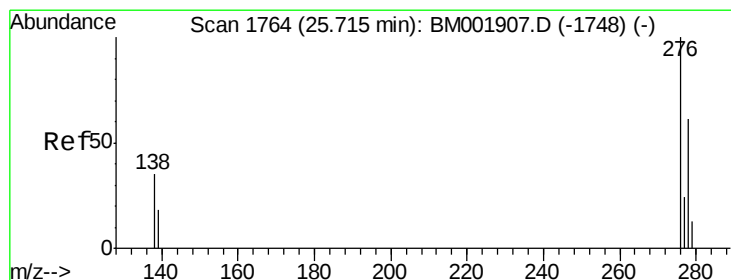
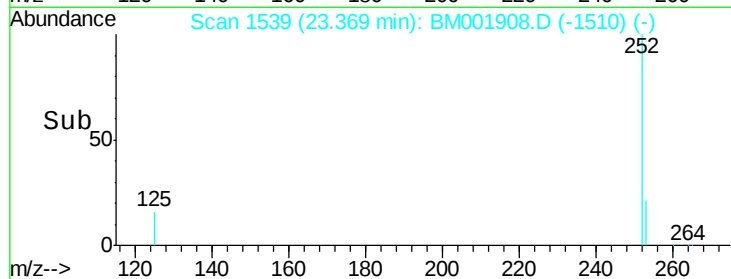
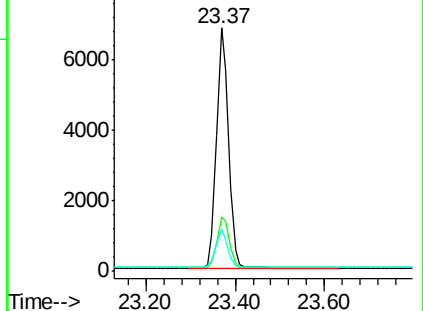
125 17.3 15.4 23.2



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

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng/ul

RT: 25.71 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BM001908.D

Acq: 13 Jul 2015 22:10

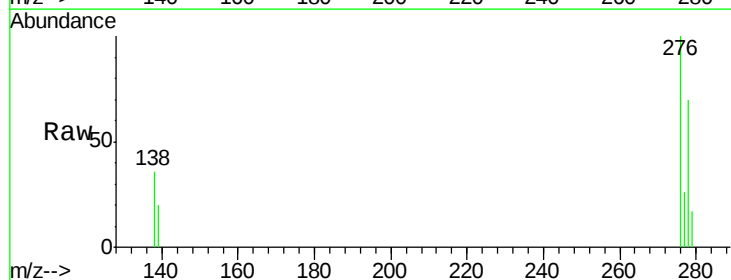
Tgt Ion:276 Resp: 13346

Ion Ratio Lower Upper

276 100

138 36.0 28.5 42.7

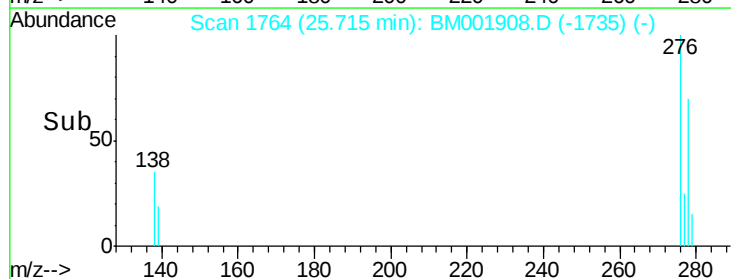
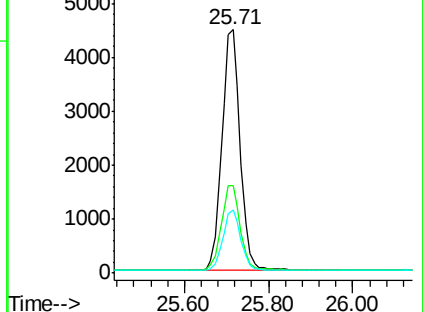
277 24.6 19.6 29.4

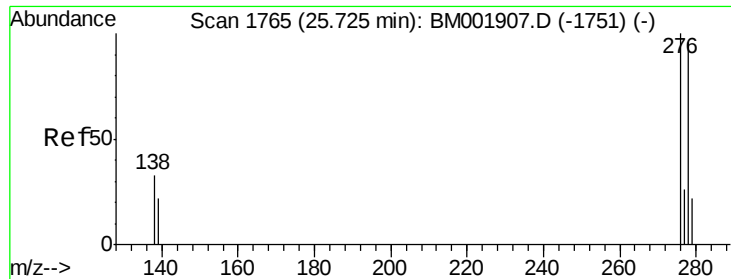


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

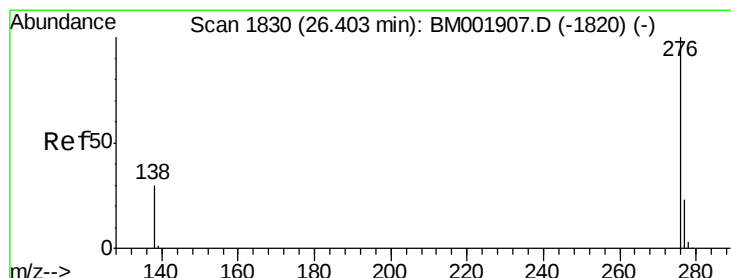
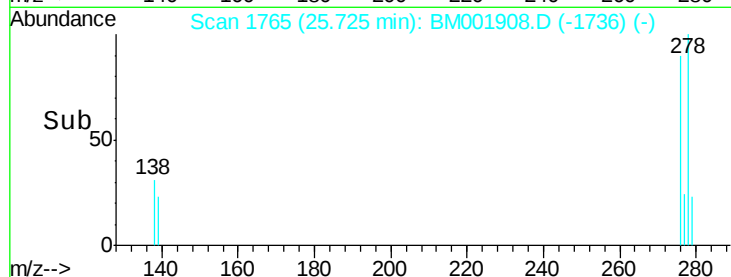
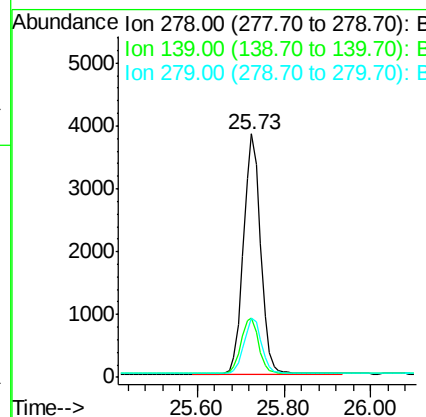
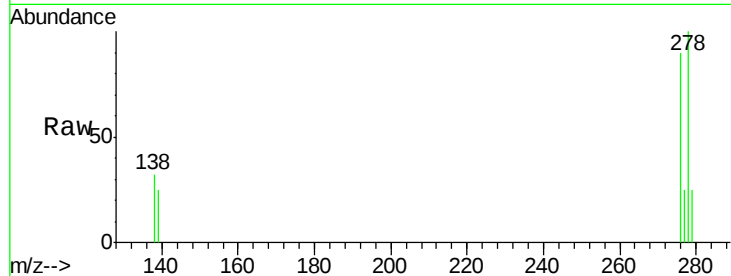




#25
Dibenzo(a,h)anthracene
Concen: 0.77 ng/ul
RT: 25.73 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BM001908.D
Acq: 13 Jul 2015 22:10

Instrument :
BNA_M
ClientSampleId :
SSTD0.845

Tgt Ion: 278 Resp: 10618
Ion Ratio Lower Upper
278 100
139 24.6 20.6 31.0
279 24.5 20.3 30.5



#26
Benzo(g,h,i)perylene
Concen: 0.77 ng/ul
RT: 26.40 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BM001908.D
Acq: 13 Jul 2015 22:10

Tgt Ion: 276 Resp: 11328
Ion Ratio Lower Upper
276 100
277 24.9 20.1 30.1
138 29.7 25.5 38.3

