

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061115\
 Data File : BM001640.D
 Acq On : 10 Jun 2015 23:57
 Operator : TP/IZ
 Sample : SSTD00189
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00189

Quant Time: Jun 11 07:48:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 07:43:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1604	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	5824	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.34	164	2781	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.08	188	5486	0.40	ng/ul	-0.01
18) Chrysene-d12	21.27	240	4106	0.40	ng/ul	0.00
22) Perylene-d12	23.50	264	3296	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	14	0.02	ng/uL	0.06
6) 2-Methylnaphthalene-d10	12.08	152	7123	1.02	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	10700	1.09	ng/ul	0.00

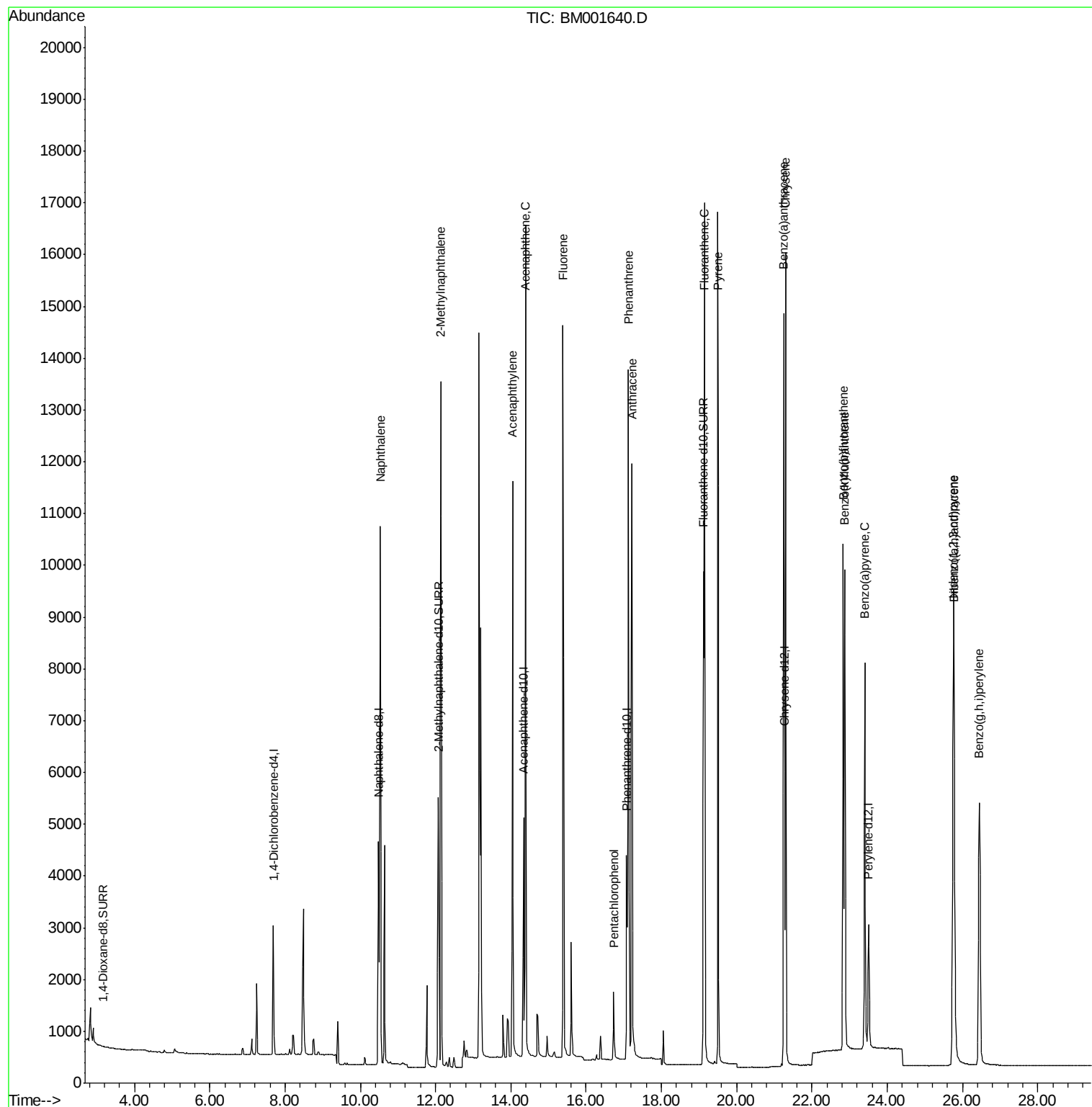
Target Compounds				Qvalue		
5) Naphthalene	10.53	128	15121	1.03	ng/ul	98
7) 2-Methylnaphthalene	12.14	142	9777	1.02	ng/ul	99
9) Acenaphthylene	14.05	152	13237	1.00	ng/ul	98
10) Acenaphthene	14.39	153	9912	0.95	ng/ul	99
11) Fluorene	15.38	166	10755	0.94	ng/ul	100
13) Pentachlorophenol	16.74	266	1077	1.60	ng/ul	96
14) Phenanthrene	17.12	178	15648	1.01	ng/ul	97
15) Anthracene	17.22	178	15115	1.09	ng/ul	97
17) Fluoranthene	19.14	202	16409	1.05	ng/ul	98
19) Pyrene	19.50	202	16244	0.97	ng/ul	99
20) Benzo(a)anthracene	21.25	228	12714	1.08	ng/ul	98
21) Chrysene	21.31	228	13238	0.98	ng/ul	97
23) Benzo(b)fluoranthene	22.83	252	11988	1.04	ng/ul	95
24) Benzo(k)fluoranthene	22.87	252	12096	1.00	ng/ul	94
25) Benzo(a)pyrene	23.40	252	10974	1.00	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	25.76	276	11878	1.01	ng/ul	99
27) Dibenzo(a,h)anthracene	25.78	278	9433	1.01	ng/ul	95
28) Benzo(g,h,i)perylene	26.44	276	10533	1.02	ng/ul	97

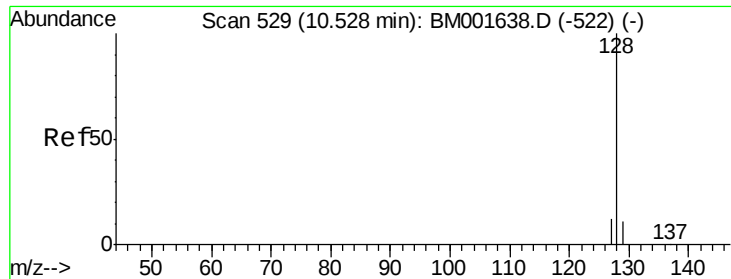
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061115\
Data File : BM001640.D
Acq On : 10 Jun 2015 23:57
Operator : TP/IZ
Sample : SST000189
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SST000189

Quant Time: Jun 11 07:48:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 07:43:01 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 1.03 ng/ul

RT: 10.53 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

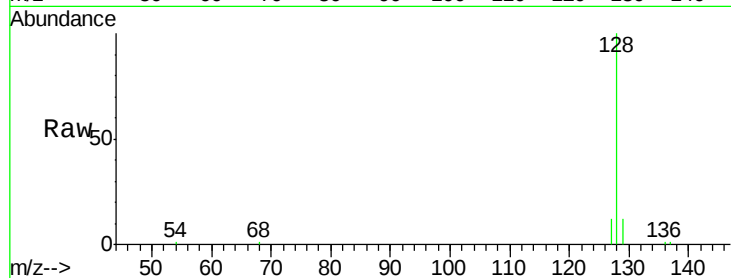
Tgt Ion:128 Resp: 15121

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

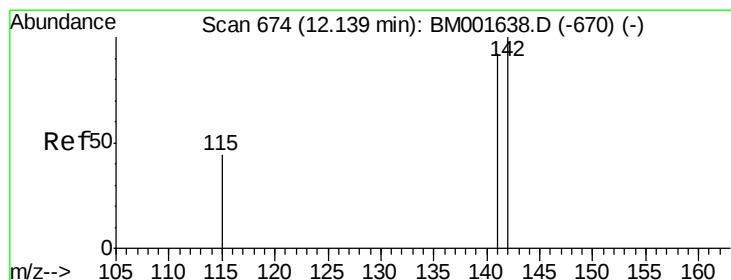
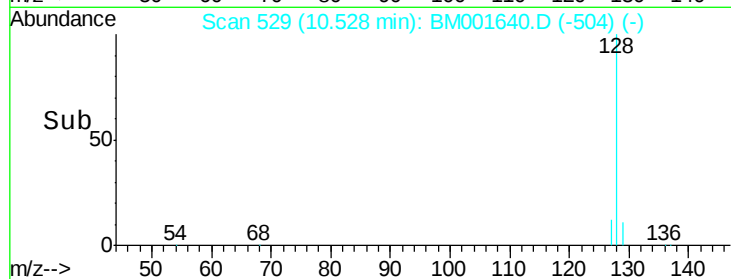
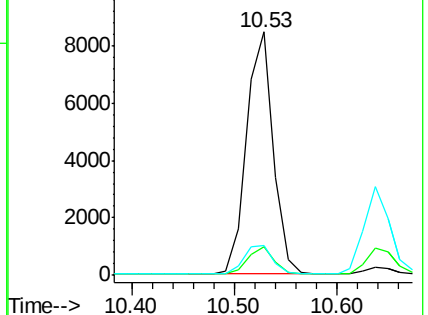
127 12.5 10.7 16.1



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: 1.02 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM001640.D

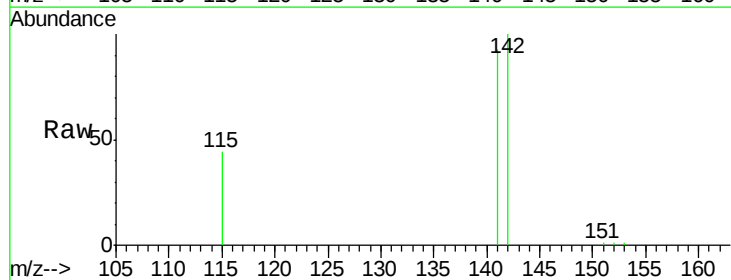
Acq: 10 Jun 2015 23:57

Tgt Ion:142 Resp: 9777

Ion Ratio Lower Upper

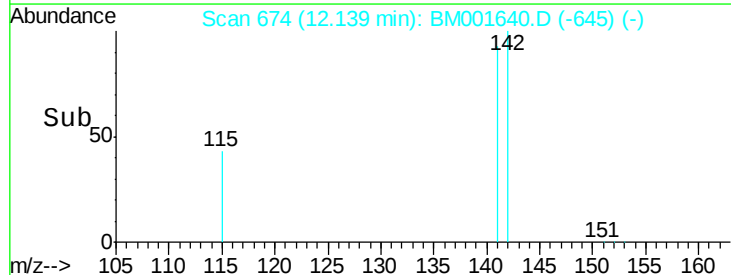
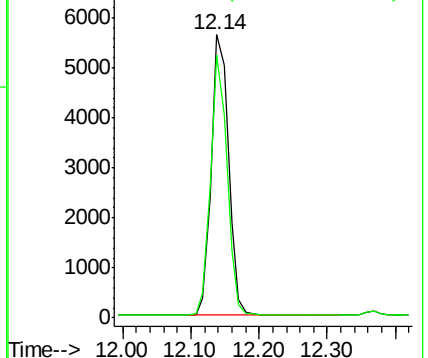
142 100

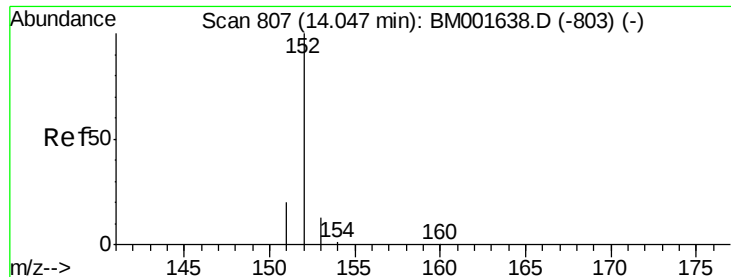
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 1.00 ng/ul

RT: 14.05 min Scan# 807

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

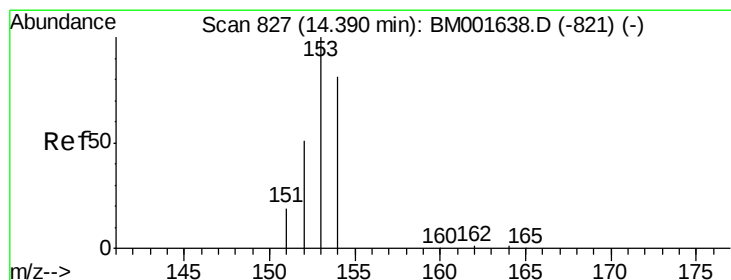
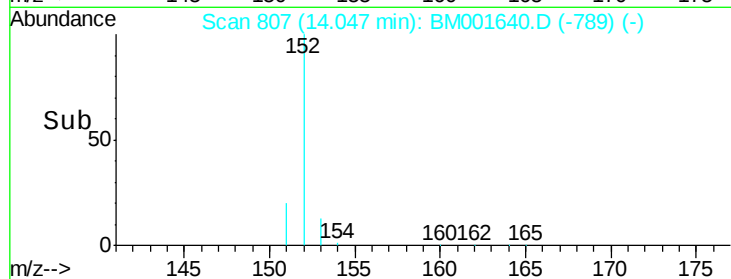
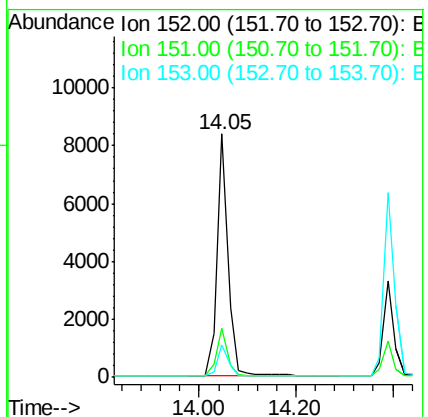
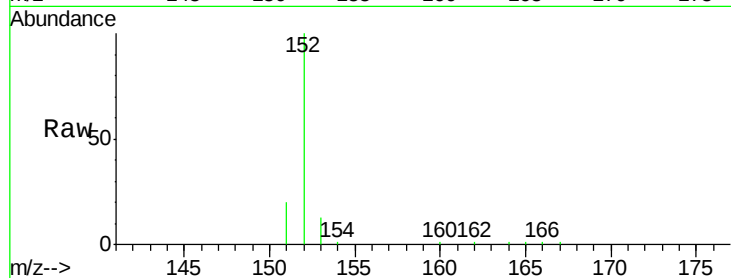
Tgt Ion:152 Resp: 13237

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 13.1 11.3 16.9



#10

Acenaphthene

Concen: 0.95 ng/ul

RT: 14.39 min Scan# 827

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

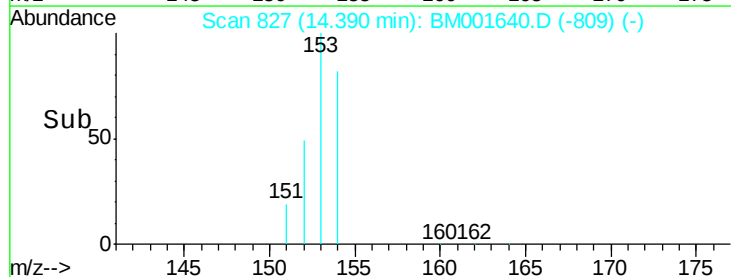
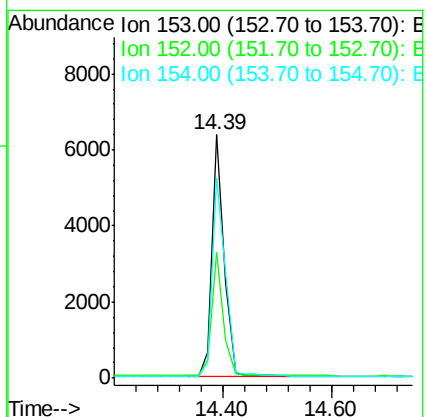
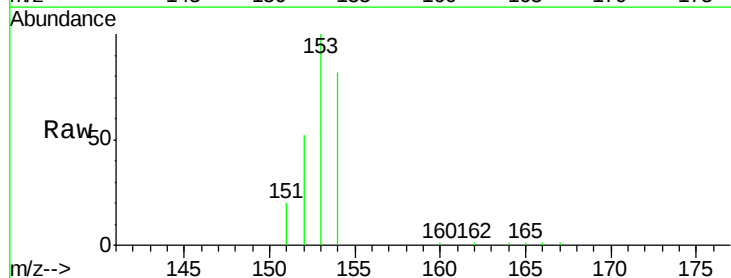
Tgt Ion:153 Resp: 9912

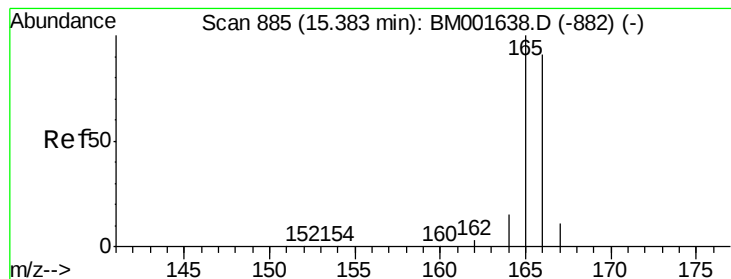
Ion Ratio Lower Upper

153 100

152 52.0 42.3 63.5

154 82.2 64.7 97.1





#11

Fluorene

Concen: 0.94 ng/ul

RT: 15.38 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

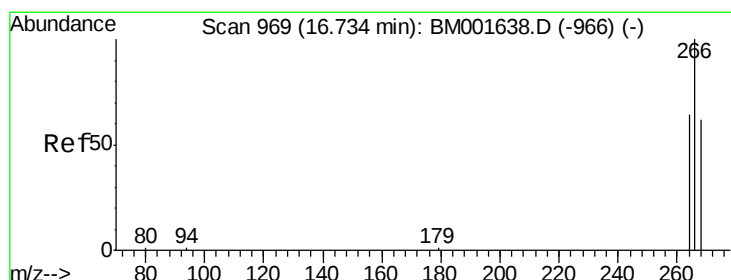
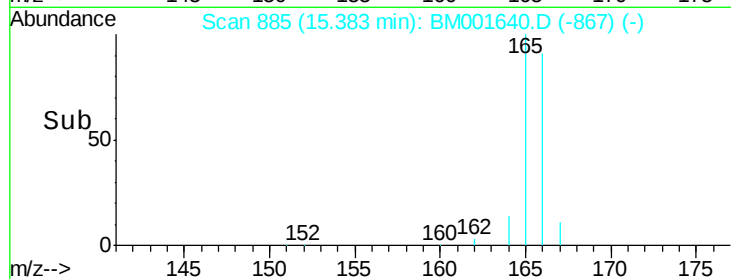
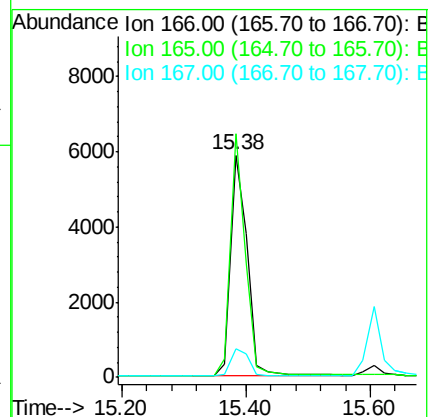
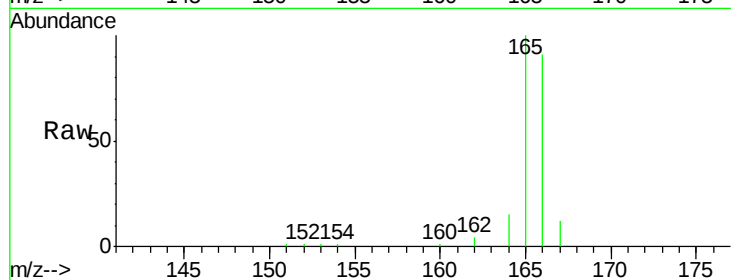
Tgt Ion:166 Resp: 10755

Ion Ratio Lower Upper

166 100

165 109.6 87.6 131.4

167 12.7 11.1 16.7



#13

Pentachlorophenol

Concen: 1.60 ng/ul

RT: 16.74 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

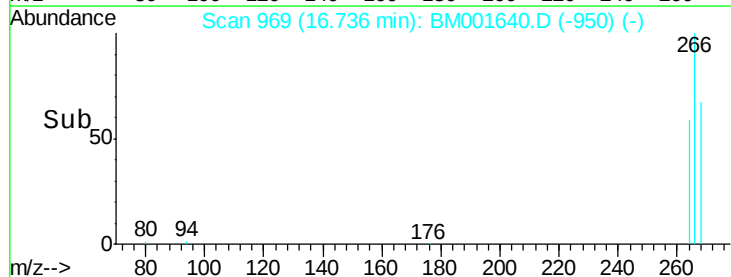
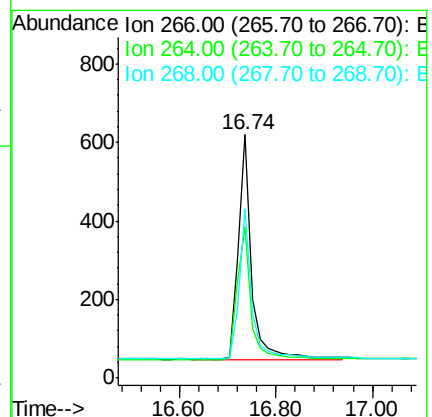
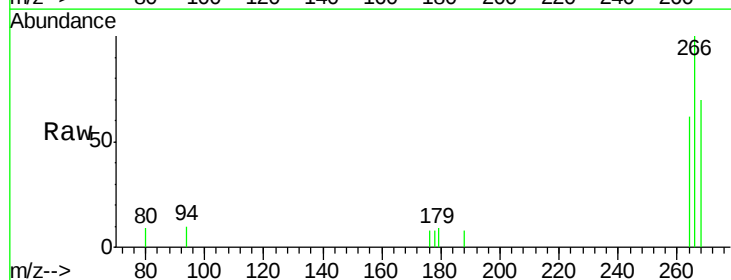
Tgt Ion:266 Resp: 1077

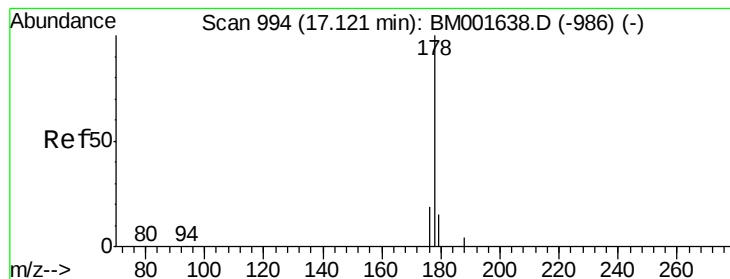
Ion Ratio Lower Upper

266 100

264 63.3 53.5 80.3

268 65.4 54.2 81.2





#14

Phenanthrene

Concen: 1.01 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

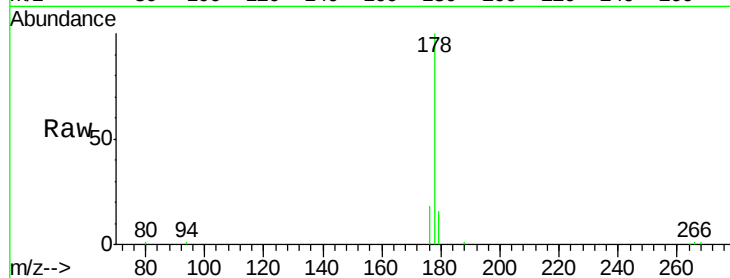
Tgt Ion:178 Resp: 15648

Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

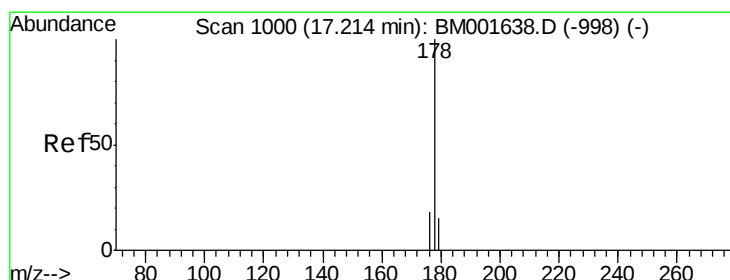
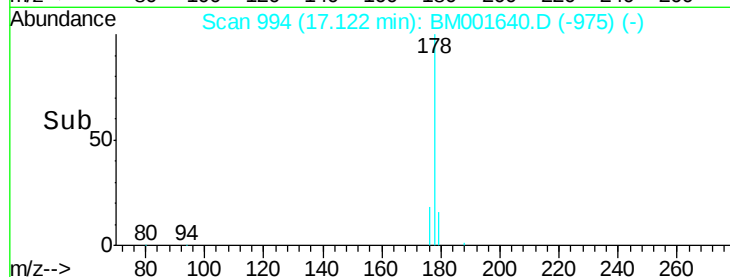
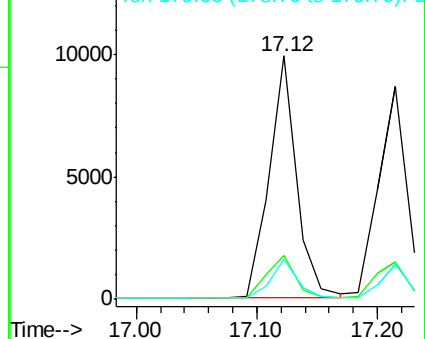
179 16.4 12.8 19.2



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: 1.09 ng/ul

RT: 17.22 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

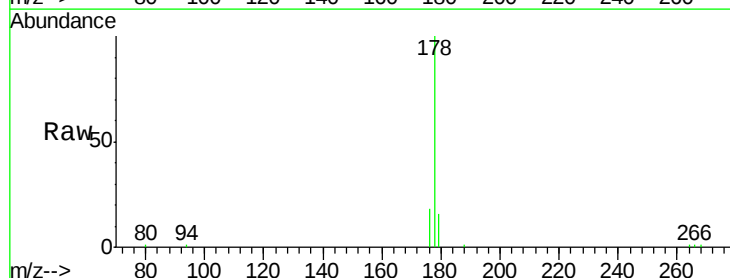
Tgt Ion:178 Resp: 15115

Ion Ratio Lower Upper

178 100

176 17.5 15.8 23.8

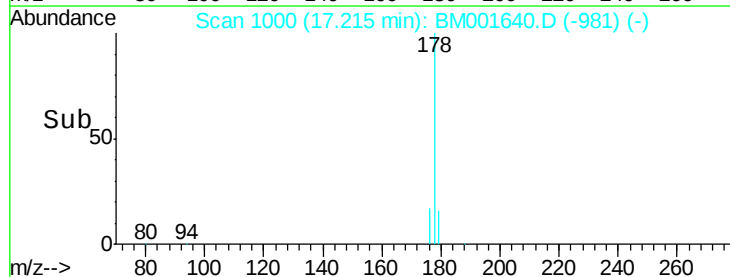
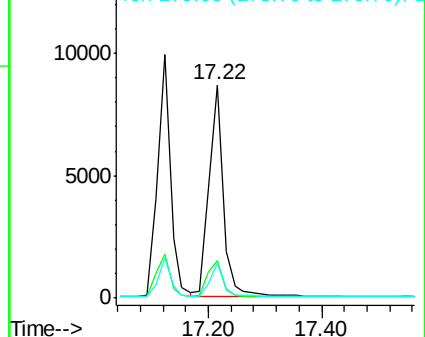
179 16.5 13.3 19.9

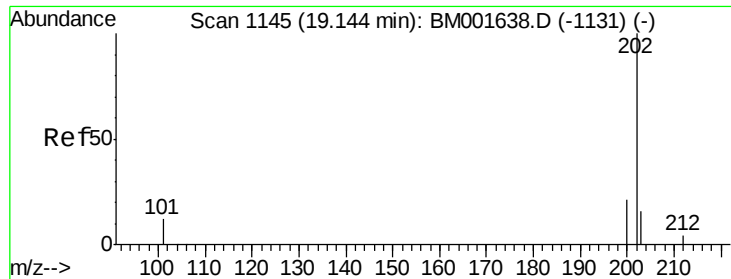


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

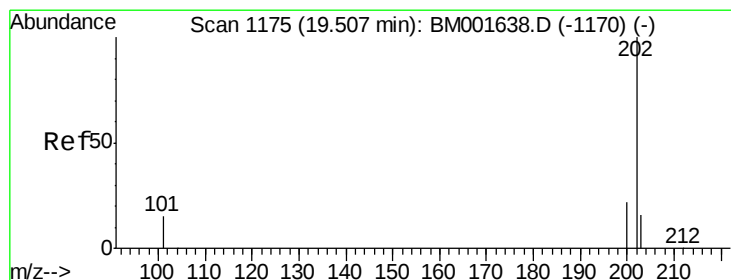
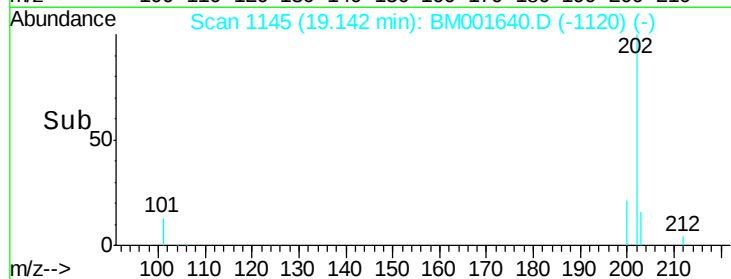
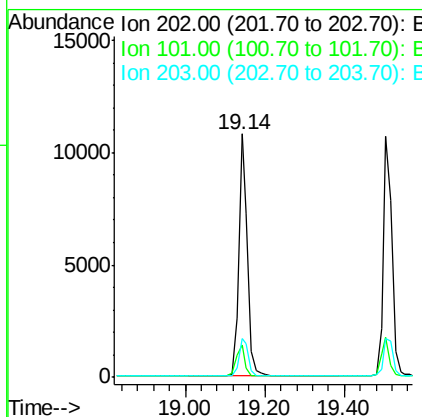
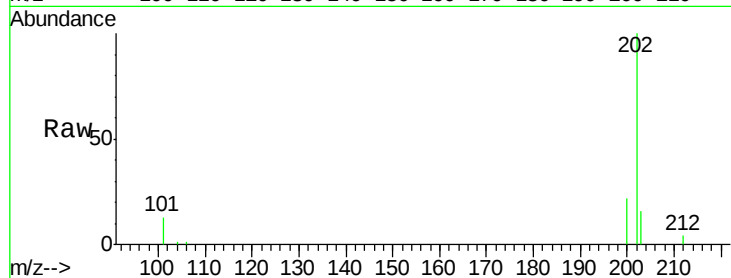




#17
Fluoranthene
 Concen: 1.05 ng/ul
 RT: 19.14 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BM001640.D
 Acq: 10 Jun 2015 23:57

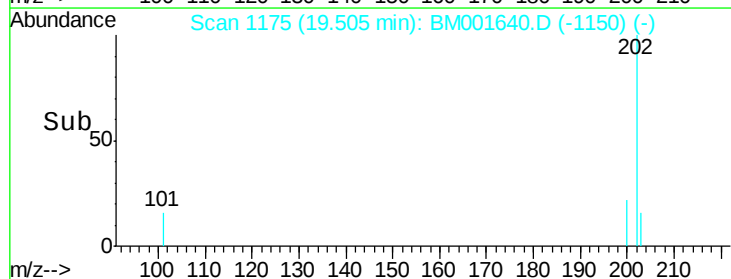
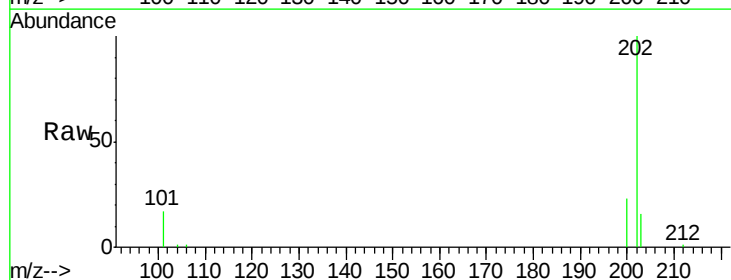
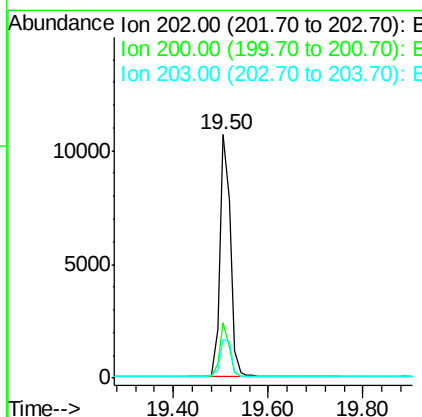
Instrument :
 BNA_M
 ClientSampleId :
 SSTD00189

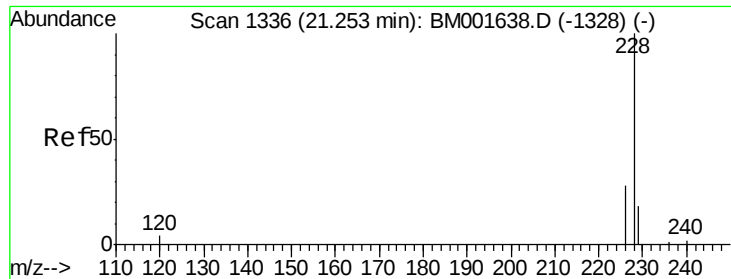
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.1
203	16.1	0.0	37.2



#19
Pyrene
 Concen: 0.97 ng/ul
 RT: 19.50 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BM001640.D
 Acq: 10 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	16.1	13.8	20.6





#20

Benzo(a)anthracene

Concen: 1.08 ng/ul

RT: 21.25 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

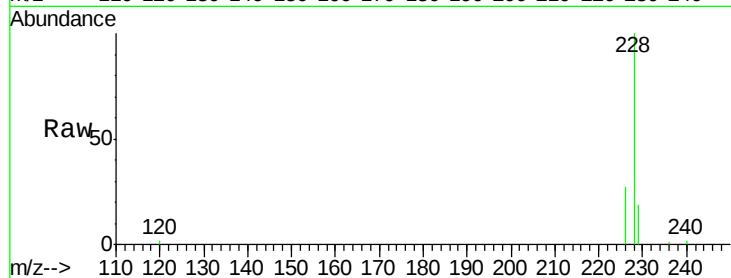
Tgt Ion:228 Resp: 12714

Ion Ratio Lower Upper

228 100

226 27.4 23.0 34.4

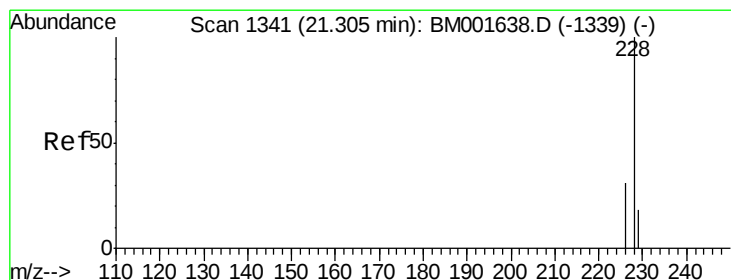
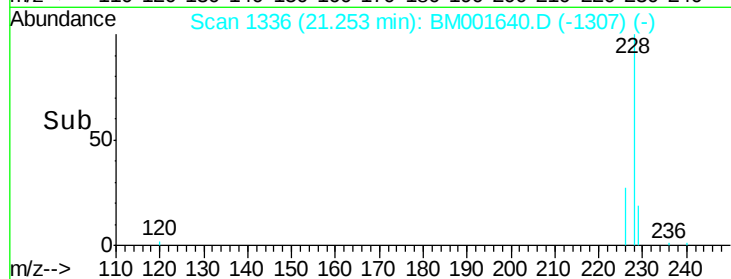
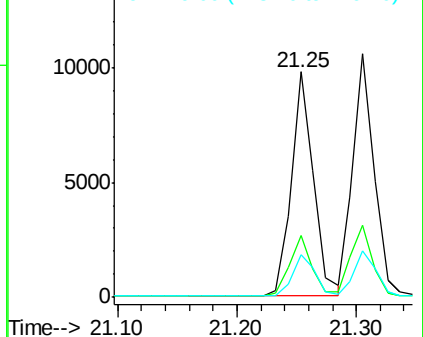
229 19.1 15.2 22.8



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



#21

Chrysene

Concen: 0.98 ng/ul

RT: 21.31 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

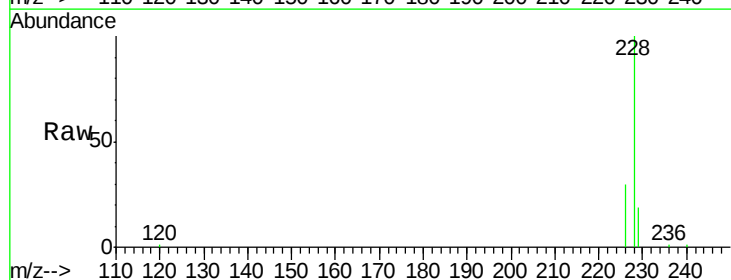
Tgt Ion:228 Resp: 13238

Ion Ratio Lower Upper

228 100

226 29.8 25.7 38.5

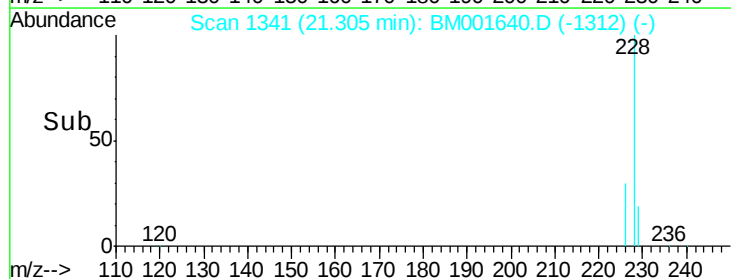
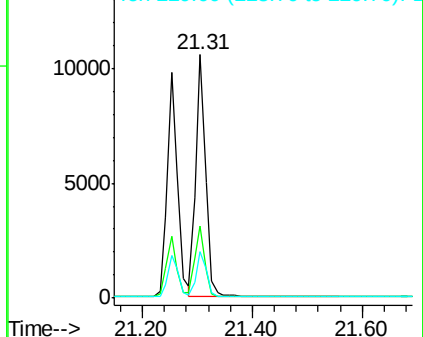
229 19.3 15.2 22.8

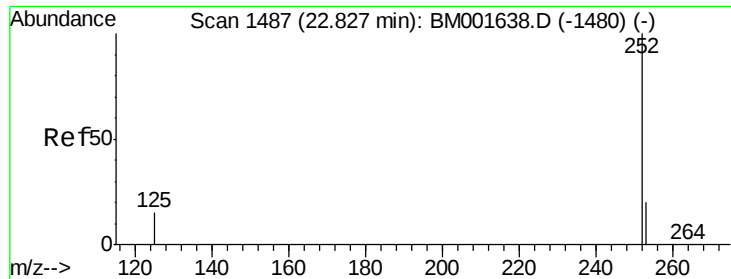


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.04 ng/ul

RT: 22.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

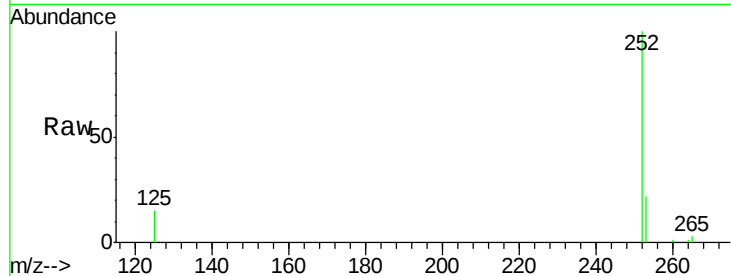
Tgt Ion:252 Resp: 11988

Ion Ratio Lower Upper

252 100

253 22.2 0.0 48.0

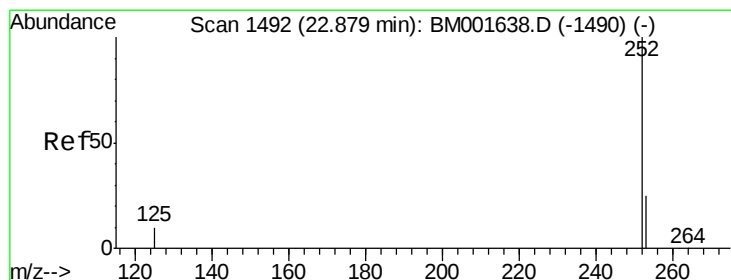
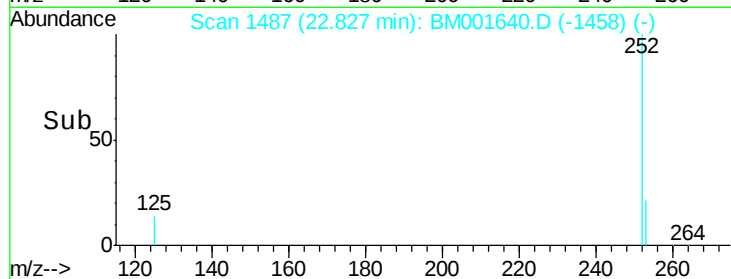
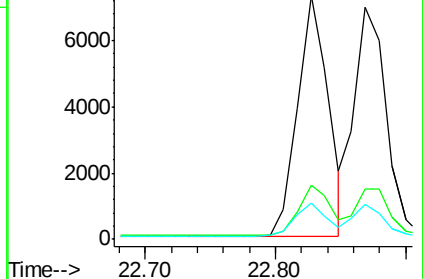
125 14.9 0.0 36.6



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: 1.00 ng/ul

RT: 22.87 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

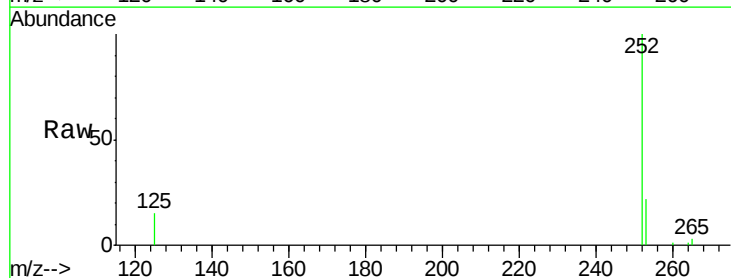
Tgt Ion:252 Resp: 12096

Ion Ratio Lower Upper

252 100

253 21.6 20.8 31.2

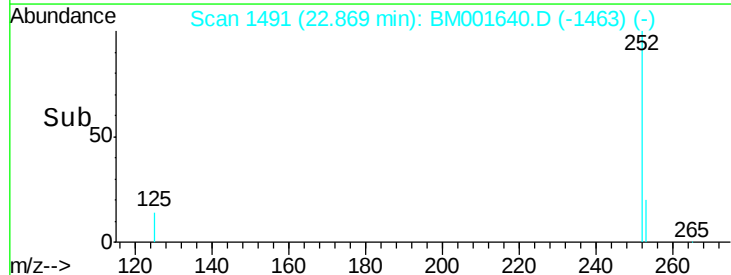
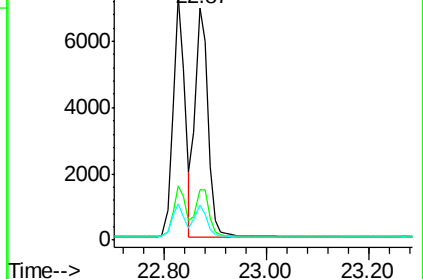
125 15.3 12.2 18.4

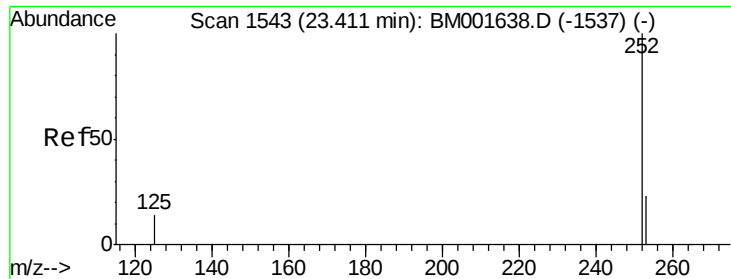


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 1.00 ng/ul

RT: 23.40 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

Instrument :

BNA_M

ClientSampleId :

SSTD00189

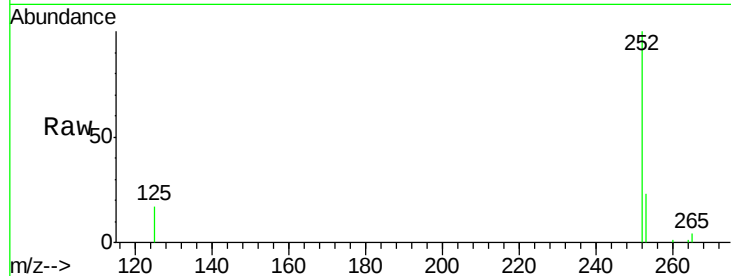
Tgt Ion:252 Resp: 10974

Ion Ratio Lower Upper

252 100

253 22.6 21.8 32.8

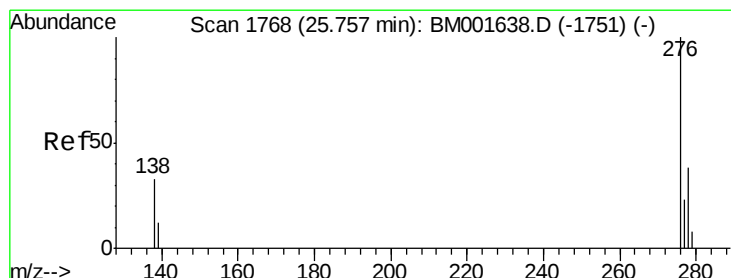
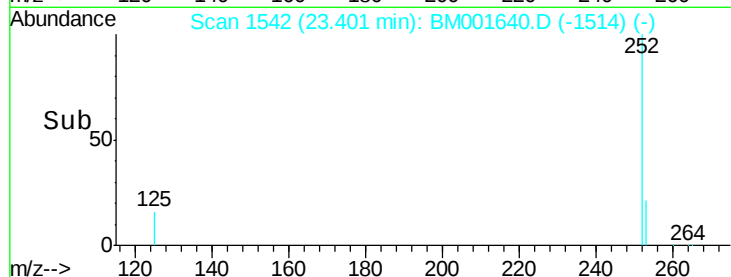
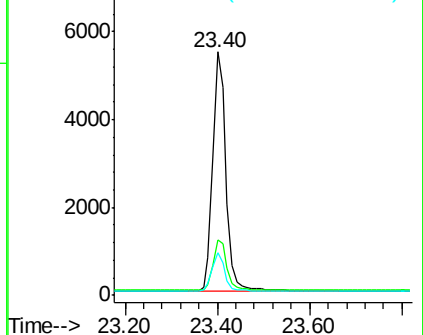
125 17.5 14.5 21.7



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: 1.01 ng/ul

RT: 25.76 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BM001640.D

Acq: 10 Jun 2015 23:57

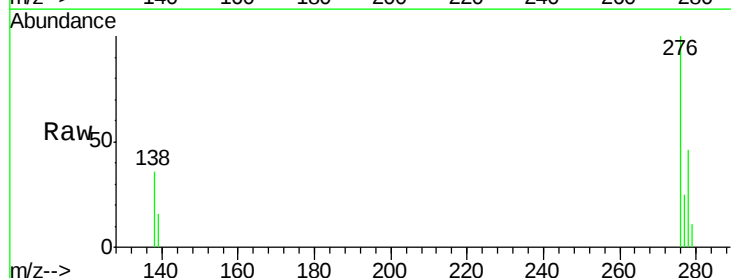
Tgt Ion:276 Resp: 11878

Ion Ratio Lower Upper

276 100

138 35.2 27.5 41.3

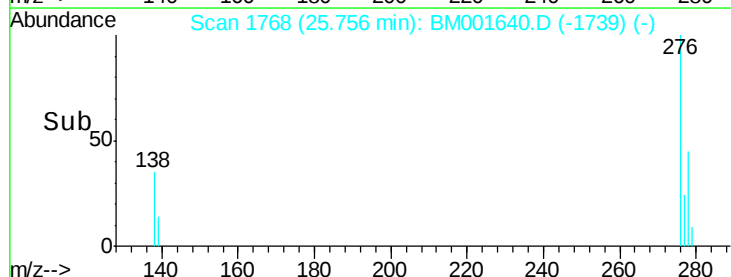
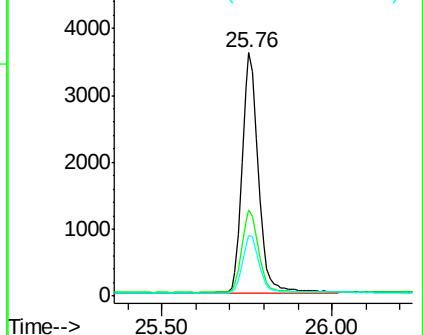
277 24.7 19.3 28.9

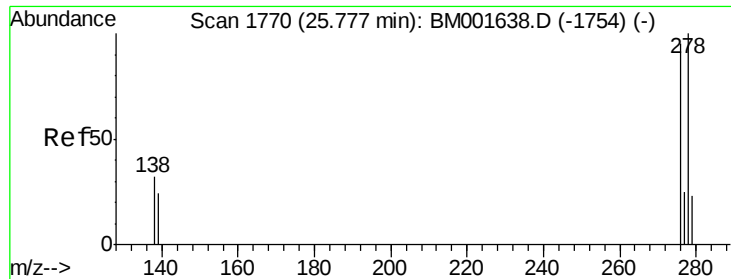


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



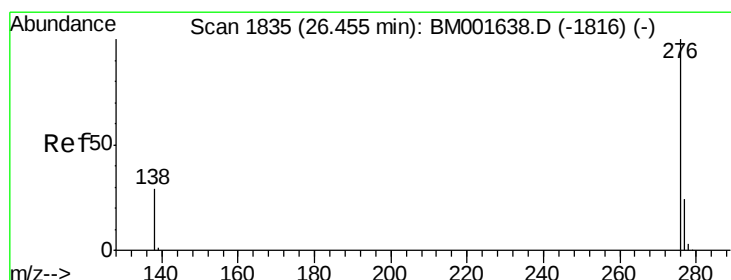
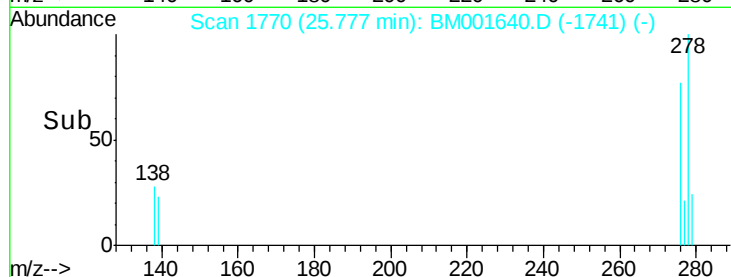
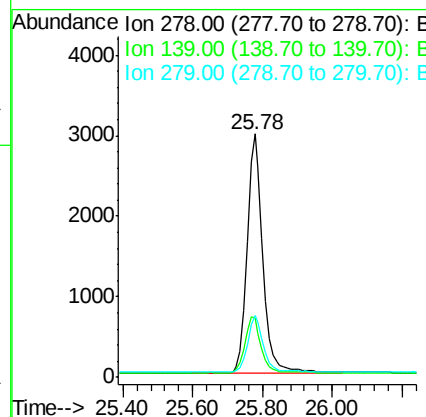
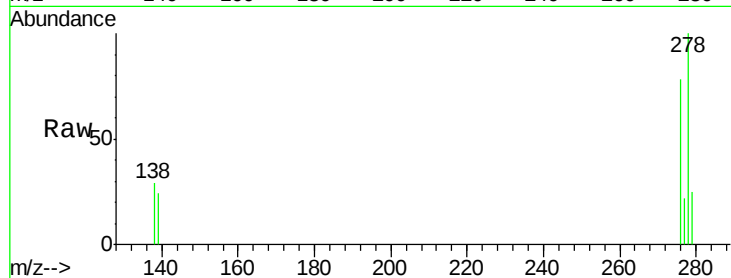


#27
Dibenzo(a,h)anthracene
Concen: 1.01 ng/ul
RT: 25.78 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM001640.D
Acq: 10 Jun 2015 23:57

Instrument :
BNA_M
ClientSampleId :
SSTD00189

Tgt Ion: 278 Resp: 9433

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.7	32.5
279	25.4	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 1.02 ng/ul
RT: 26.44 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM001640.D
Acq: 10 Jun 2015 23:57

Tgt Ion: 276 Resp: 10533

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.3	31.9
138	32.4	25.5	38.3

