

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
 Data File : BM001120.D
 Acq On : 27 Apr 2015 15:54
 Operator : TP/IZ
 Sample : G1998-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Q43

Quant Time: Apr 28 01:38:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 14:06:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	914	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	3281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	1699	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	3846	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	3577	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3402	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.93	152	1541	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3610	0.41	ng/ul	0.00

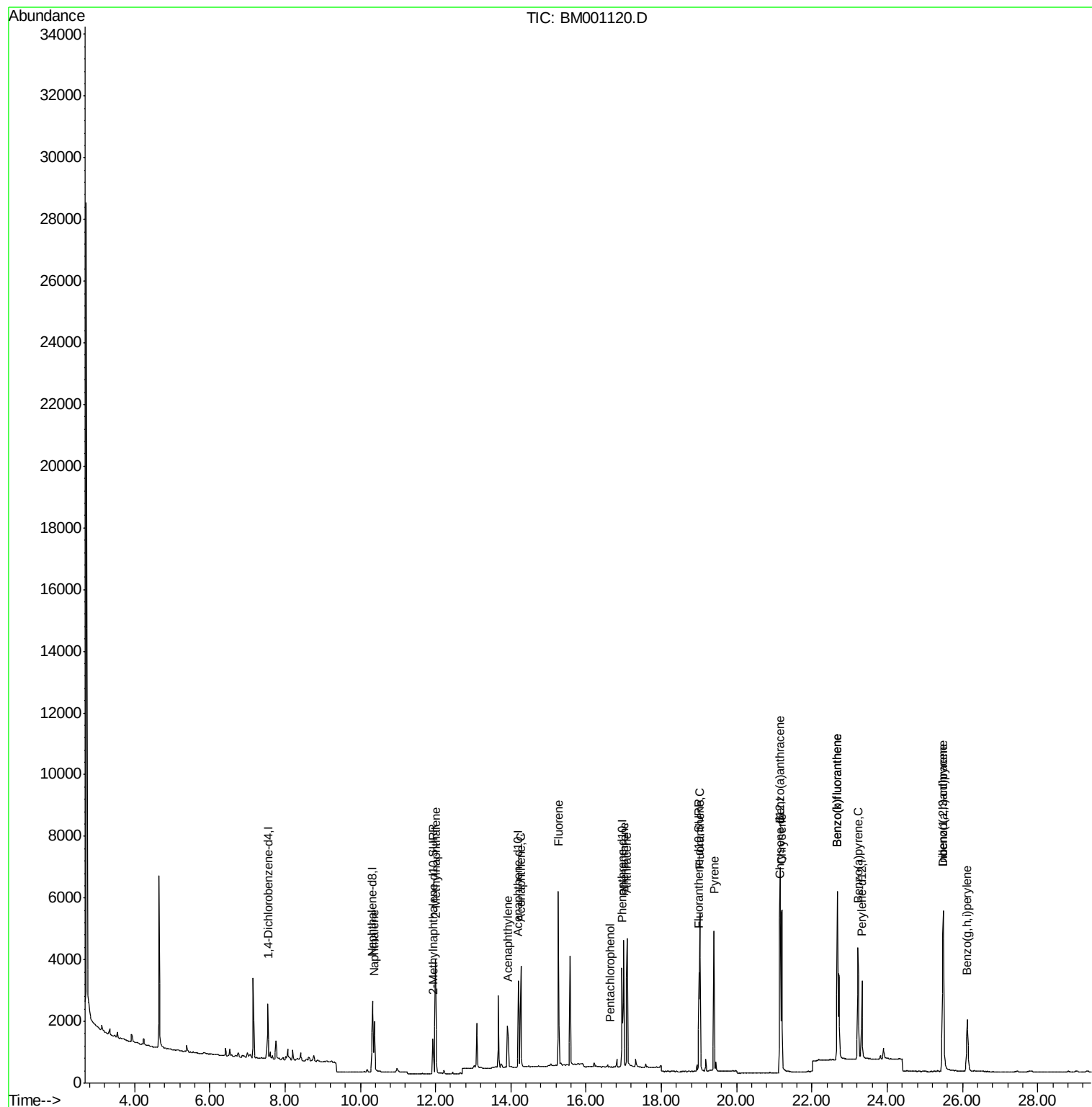
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.37	128	2328	0.28	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	3088	0.56	ng/ul	100
7) Acenaphthylene	13.91	152	2036	0.26	ng/ul	97
8) Acenaphthene	14.27	153	2192	0.36	ng/ul	98
9) Fluorene	15.26	166	3681	0.53	ng/ul	96
11) Pentachlorophenol	16.63	266	4	0.01	ng/ul#	7
12) Phenanthrene	17.00	178	4725	0.43	ng/ul	99
13) Anthracene	17.09	178	5748	0.56	ng/ul	99
15) Fluoranthene	19.02	202	5089	0.40	ng/ul	99
17) Pyrene	19.40	202	5085	0.38	ng/ul#	91
18) Benzo(a)anthracene	21.15	228	5727	0.50	ng/ul	91
19) Chrysene	21.20	228	5761	0.46	ng/ul	92
21) Benzo(b)fluoranthene	22.67	252	7640	0.64	ng/ul	96
22) Benzo(k)fluoranthene	22.67	252	7640	0.60	ng/ul	96
23) Benzo(a)pyrene	23.22	252	5144	0.43	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.49	276	1910	0.14	ng/ul#	65
25) Dibenzo(a,h)anthracene	25.49	278	7810	0.71	ng/ul	95
26) Benzo(g,h,i)perylene	26.13	276	3438	0.29	ng/ul	98

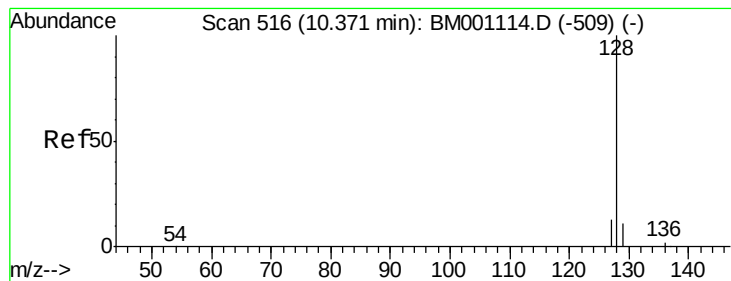
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
Data File : BM001120.D
Acq On : 27 Apr 2015 15:54
Operator : TP/IZ
Sample : G1998-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1Q43

Quant Time: Apr 28 01:38:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 14:06:45 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.28 ng/ul

RT: 10.37 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

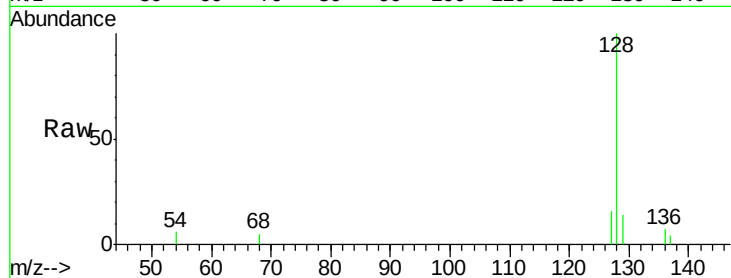
Tgt Ion:128 Resp: 2328

Ion Ratio Lower Upper

128 100

129 13.6 10.2 15.4

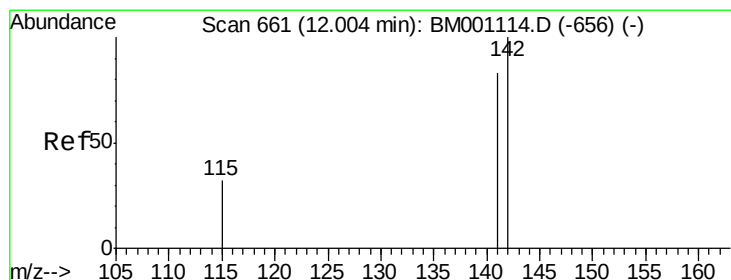
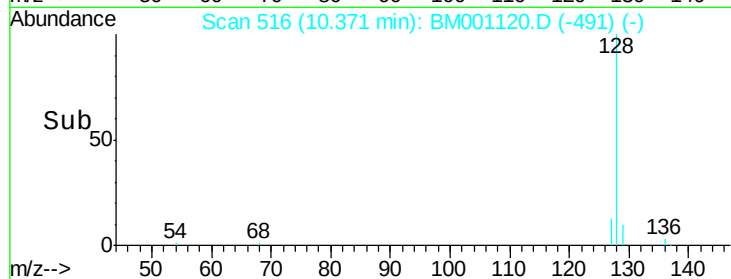
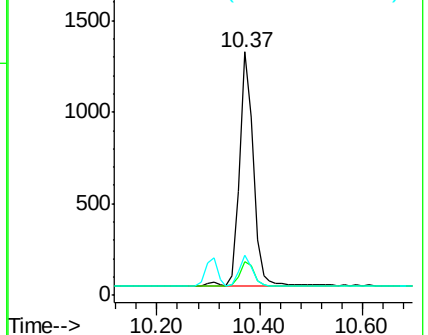
127 16.5 11.7 17.5



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: 0.56 ng/ul

RT: 12.00 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM001120.D

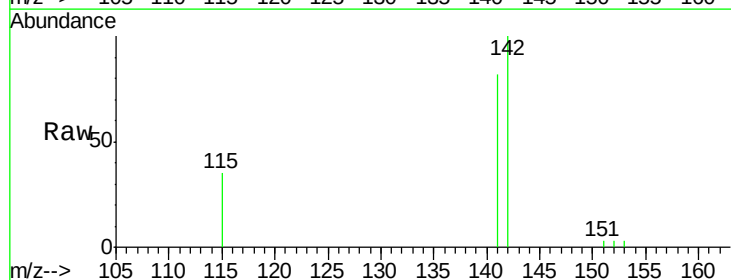
Acq: 27 Apr 2015 15:54

Tgt Ion:142 Resp: 3088

Ion Ratio Lower Upper

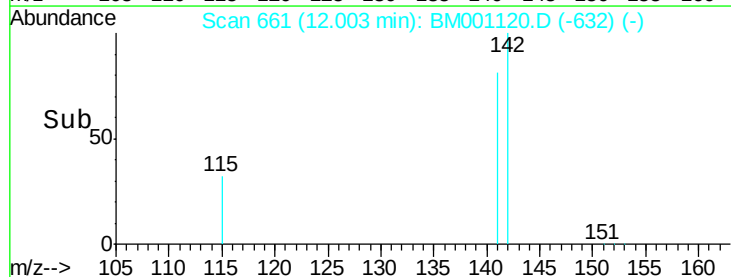
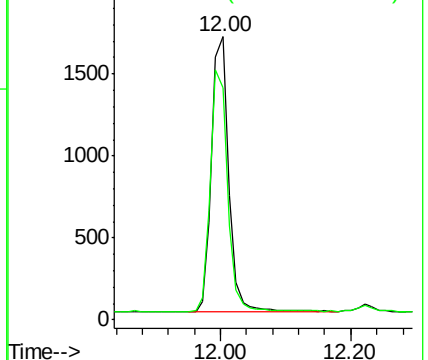
142 100

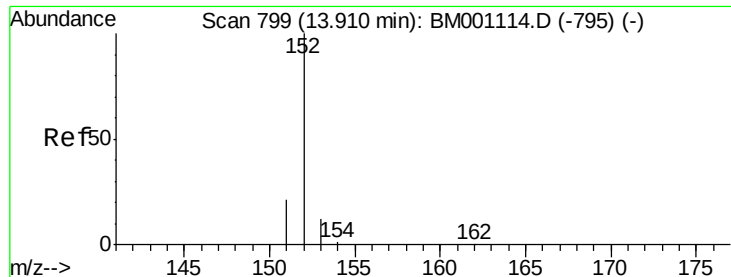
141 88.3 70.6 106.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.26 ng/ul

RT: 13.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

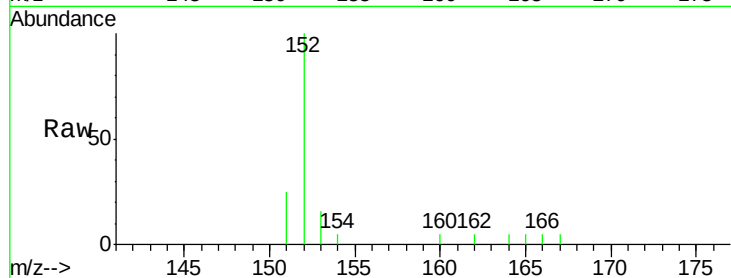
Tgt Ion:152 Resp: 2036

Ion Ratio Lower Upper

152 100

151 24.7 18.7 28.1

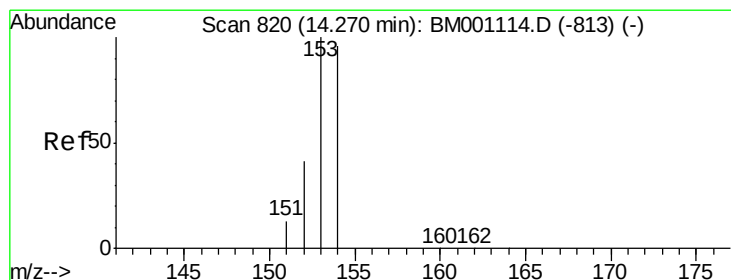
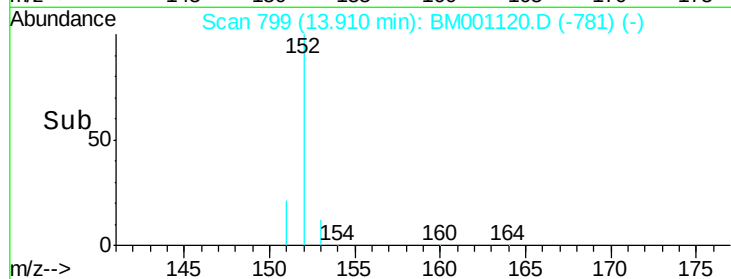
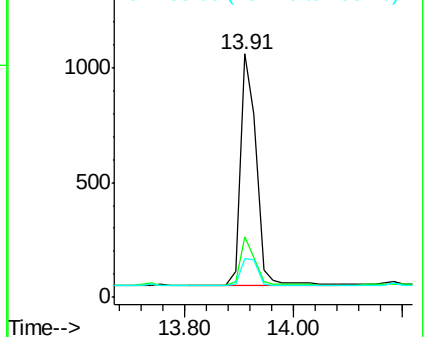
153 15.9 11.6 17.4



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: 0.36 ng/ul

RT: 14.27 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

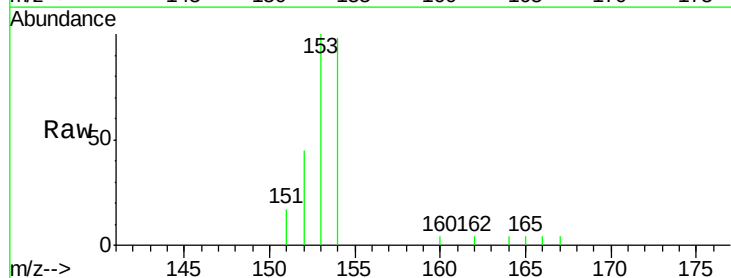
Tgt Ion:153 Resp: 2192

Ion Ratio Lower Upper

153 100

152 44.8 35.1 52.7

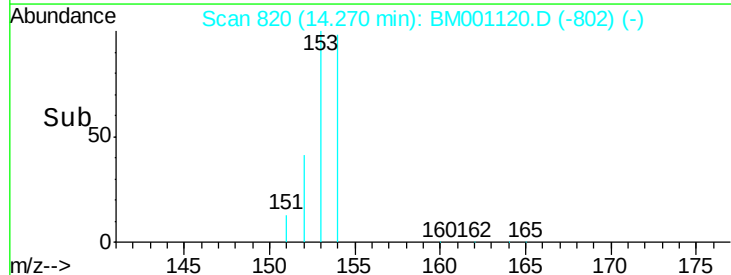
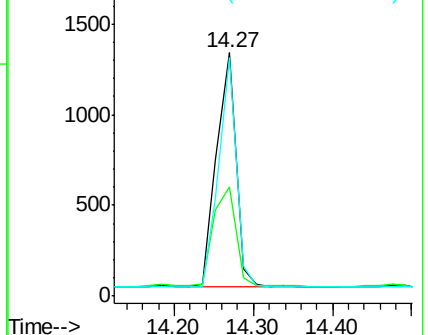
154 98.1 77.0 115.4

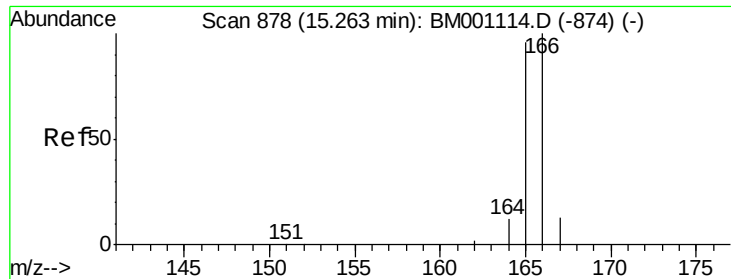


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

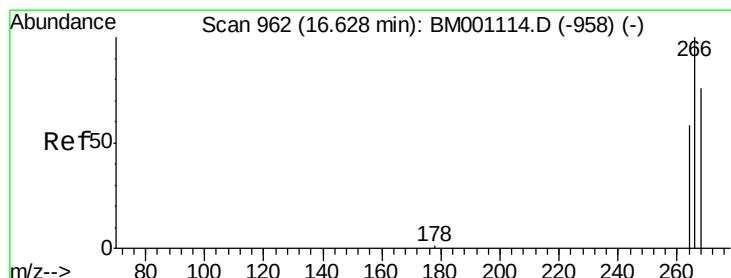
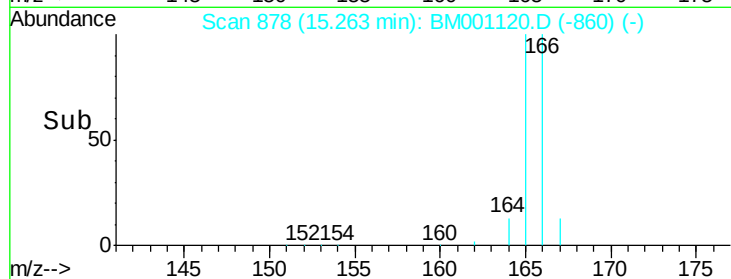
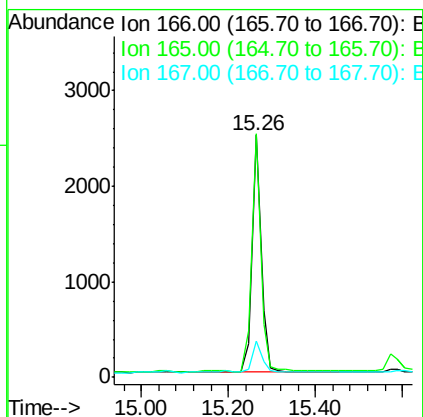
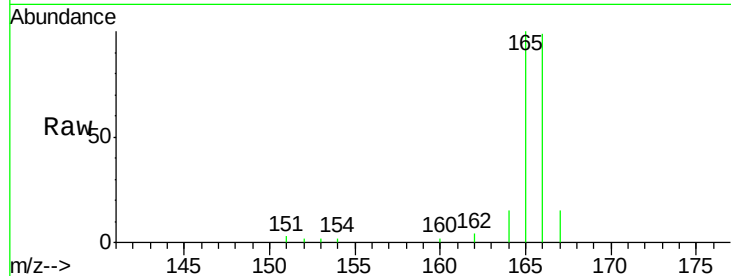




#9
Fluorene
 Concen: 0.53 ng/ul
 RT: 15.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BM001120.D
 Acq: 27 Apr 2015 15:54

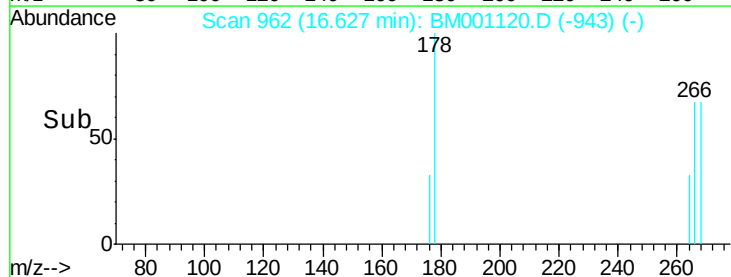
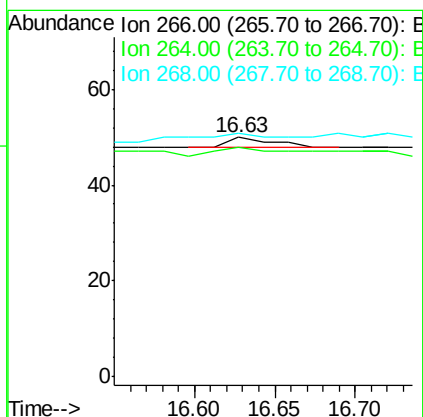
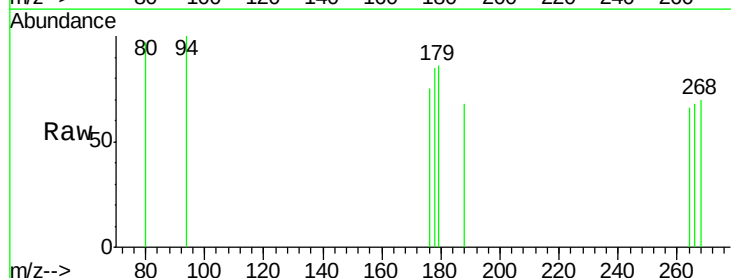
Instrument :
 BNA_M
 ClientSampleId :
 X1Q43

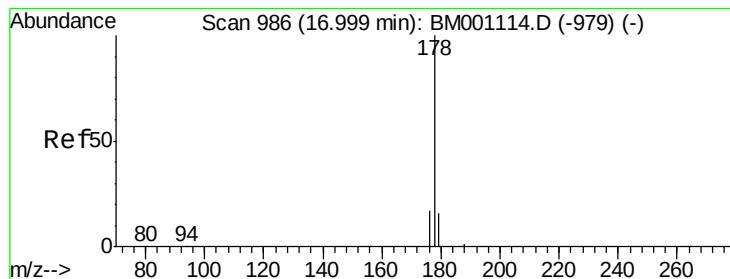
Tgt Ion:166 Resp: 3681
 Ion Ratio Lower Upper
 166 100
 165 100.6 76.8 115.2
 167 14.9 12.6 18.8



#11
Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.63 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BM001120.D
 Acq: 27 Apr 2015 15:54

Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 264 125.0 51.3 76.9#
 268 150.0 52.2 78.4#





#12

Phenanthrene

Concen: 0.43 ng/ul

RT: 17.00 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

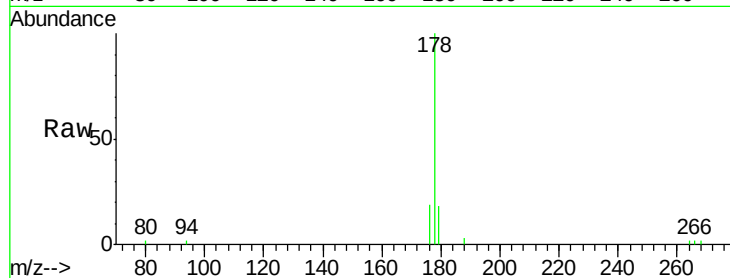
Tgt Ion:178 Resp: 4725

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

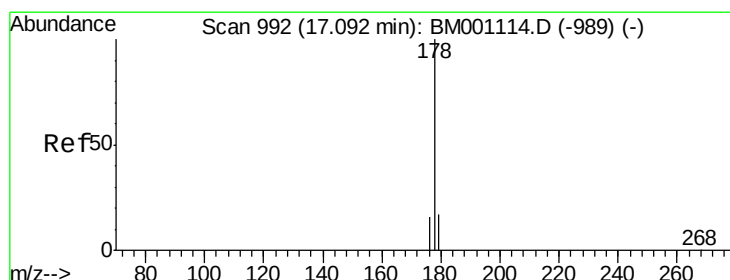
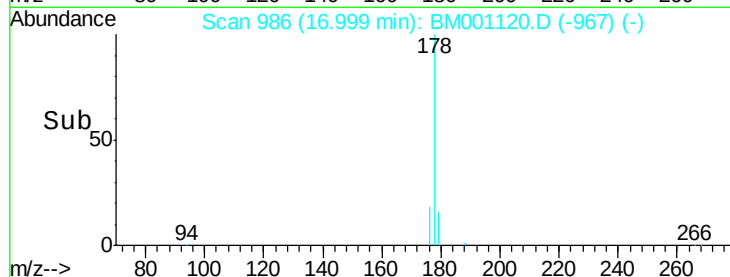
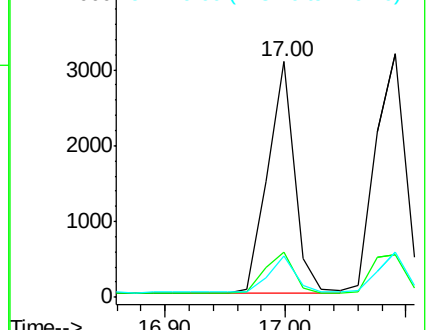
179 17.8 14.2 21.4



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: 0.56 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

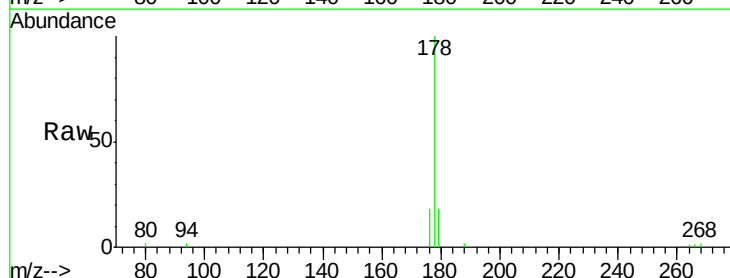
Tgt Ion:178 Resp: 5748

Ion Ratio Lower Upper

178 100

176 17.6 14.7 22.1

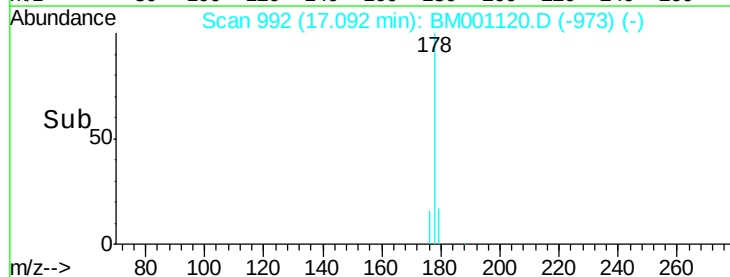
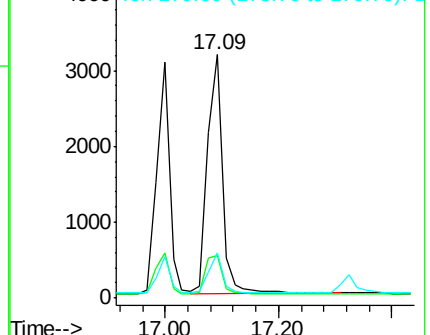
179 18.4 15.0 22.6

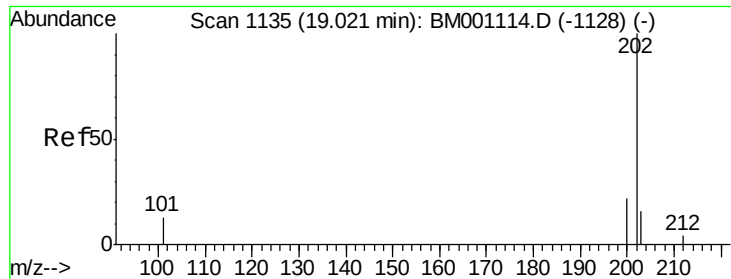


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.02 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

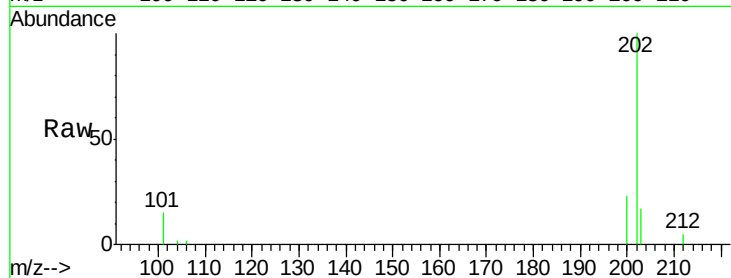
Tgt Ion:202 Resp: 5089

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.8

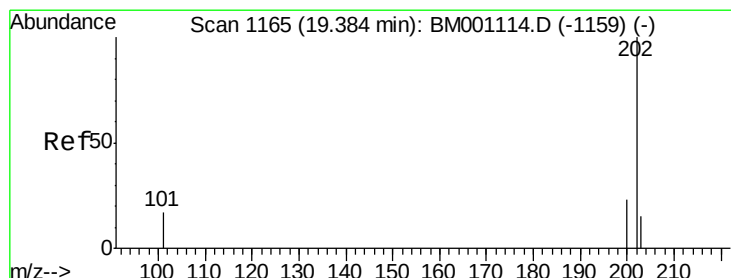
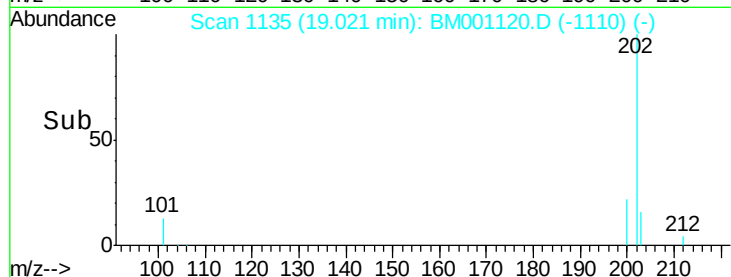
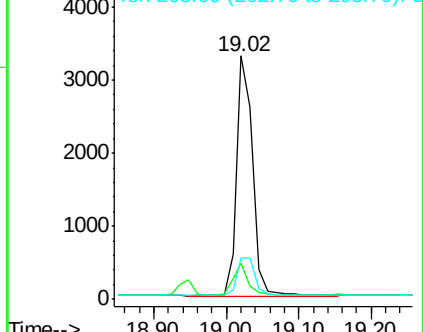
203 17.0 0.0 37.2



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: 0.38 ng/ul

RT: 19.40 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

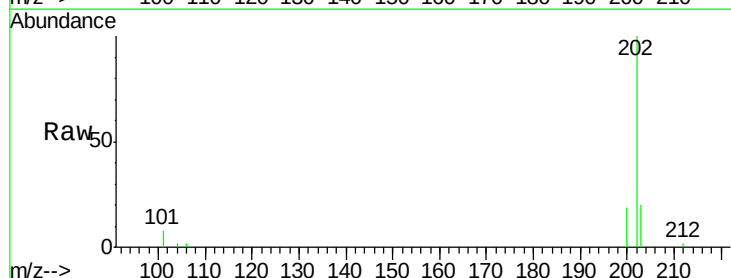
Tgt Ion:202 Resp: 5085

Ion Ratio Lower Upper

202 100

200 19.1 19.2 28.8#

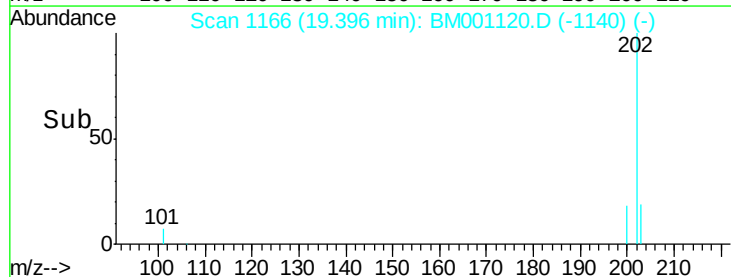
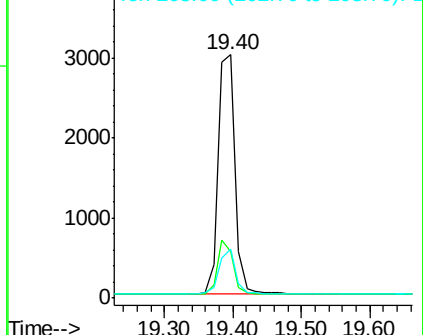
203 20.3 13.2 19.8#

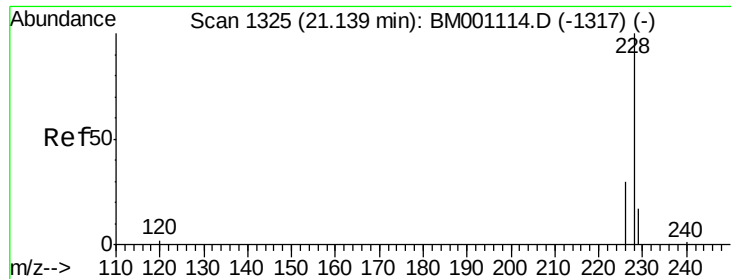


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.50 ng/ul

RT: 21.15 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

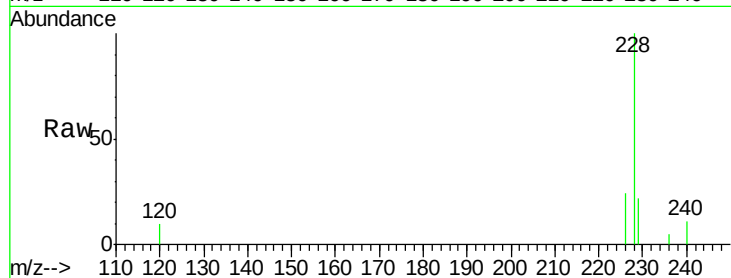
Tgt Ion:228 Resp: 5727

Ion Ratio Lower Upper

228 100

226 24.5 24.4 36.6

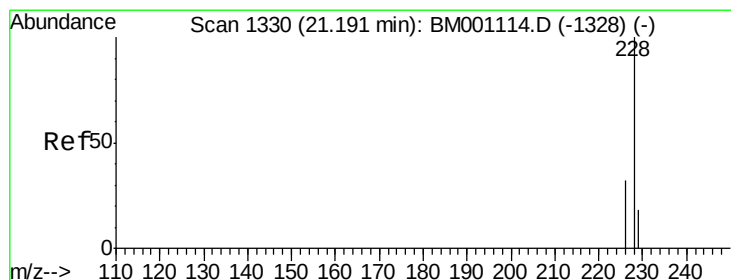
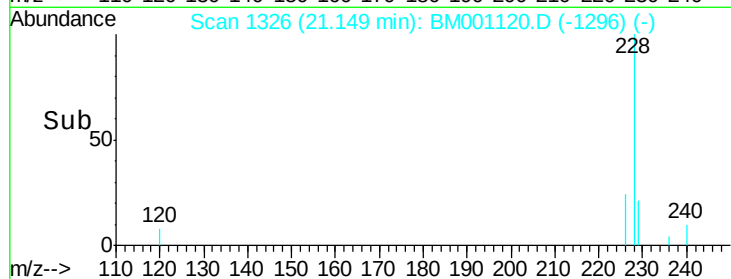
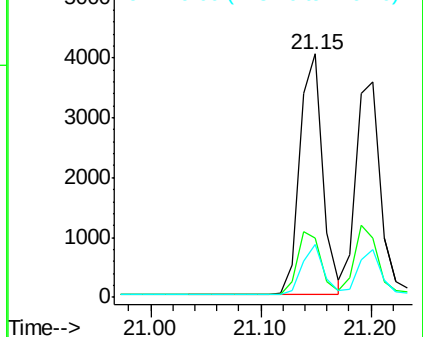
229 21.5 15.0 22.4



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: 0.46 ng/ul

RT: 21.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

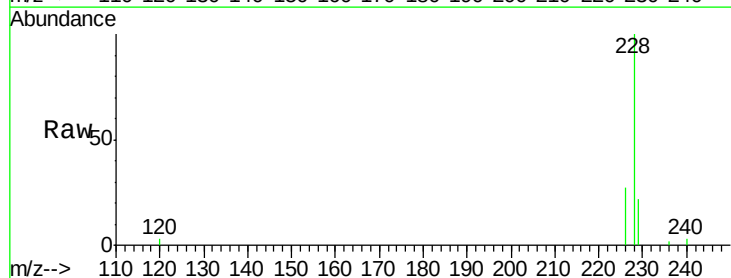
Tgt Ion:228 Resp: 5761

Ion Ratio Lower Upper

228 100

226 27.4 26.0 39.0

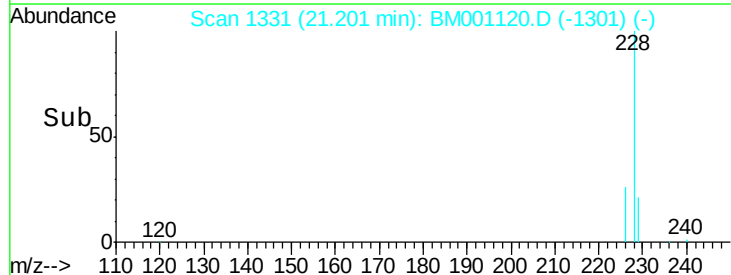
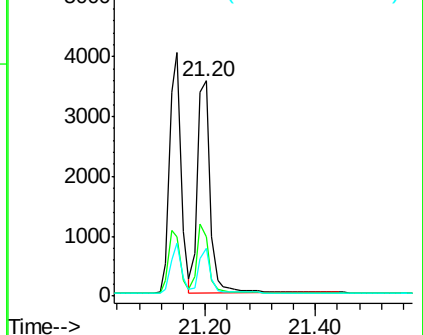
229 21.9 15.2 22.8

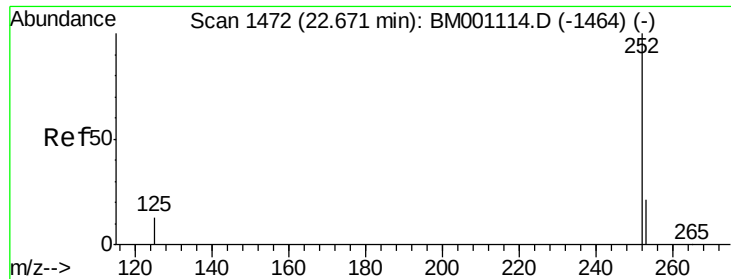


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.64 ng/ul

RT: 22.67 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

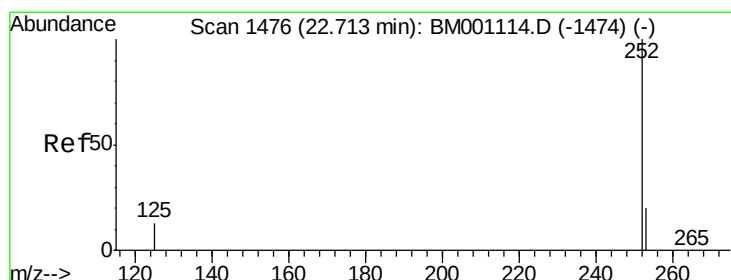
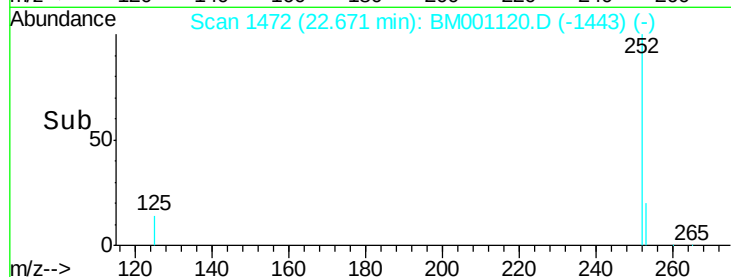
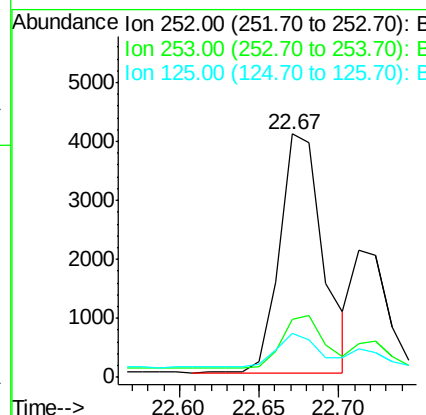
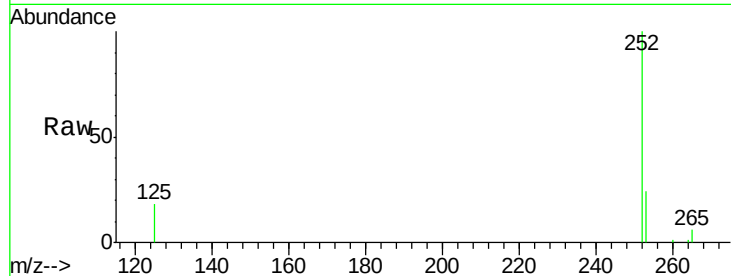
Instrument :

BNA_M

ClientSampleId :

X1Q43

Tgt Ion:	252	Resp:	7640
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	49.8
125	18.1	0.0	31.6



#22

Benzo(k)fluoranthene

Concen: 0.60 ng/ul

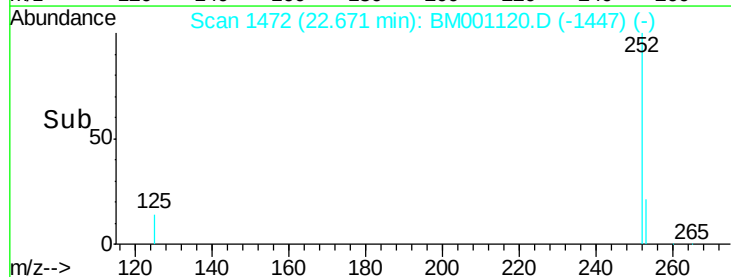
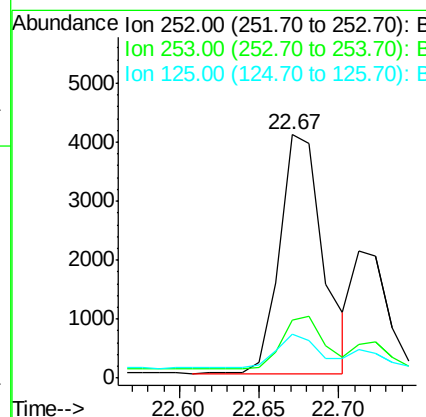
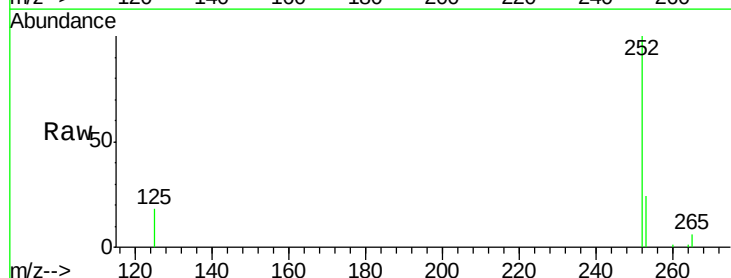
RT: 22.67 min Scan# 1472

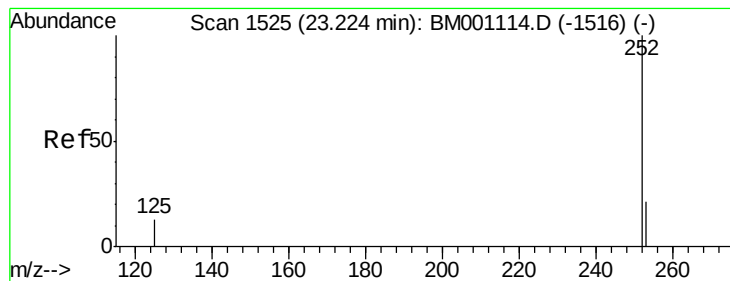
Delta R.T. -0.04 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:	252	Resp:	7640
Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.3	30.5
125	18.1	12.6	19.0





#23

Benzo(a)pyrene

Concen: 0.43 ng/ul

RT: 23.22 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

ClientSampleId :

X1Q43

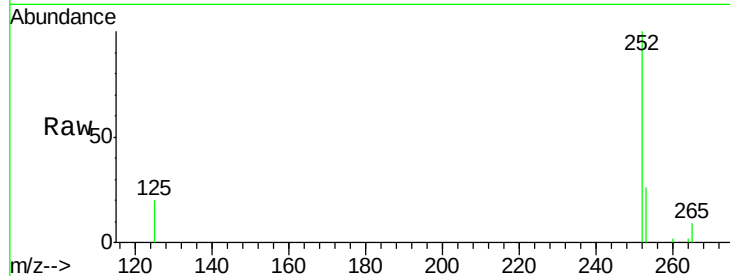
Tgt Ion:252 Resp: 5144

Ion Ratio Lower Upper

252 100

253 26.1 21.4 32.0

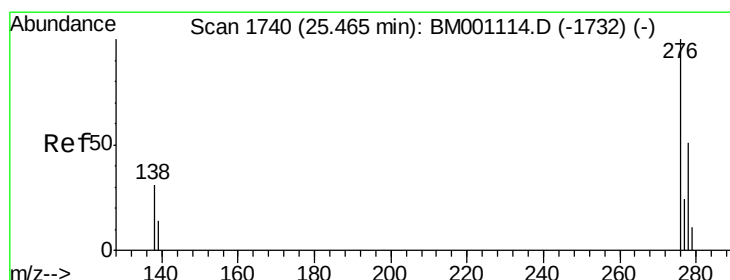
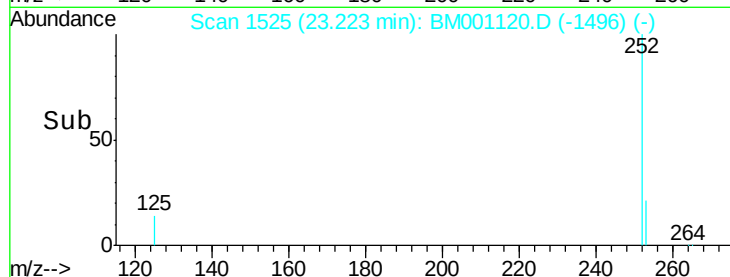
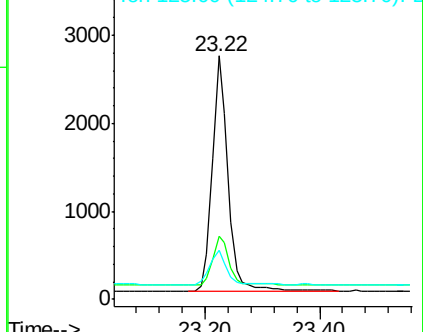
125 19.9 13.8 20.6



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

Indeno(1,2,3-cd)pyrene

Concen: 0.14 ng/ul

RT: 25.49 min Scan# 1742

Delta R.T. 0.02 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

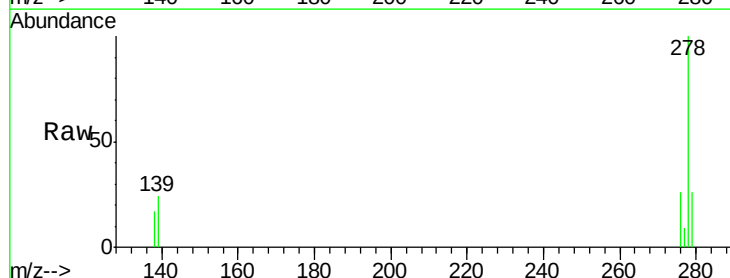
Tgt Ion:276 Resp: 1910

Ion Ratio Lower Upper

276 100

138 63.2 25.0 37.4#

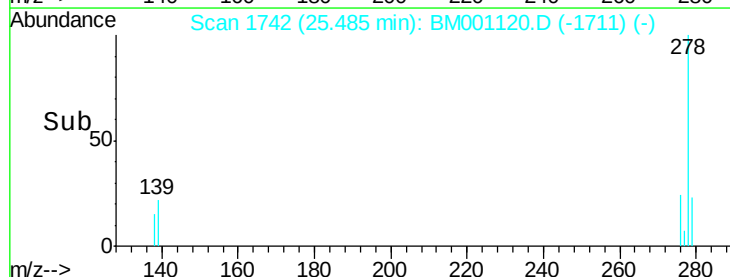
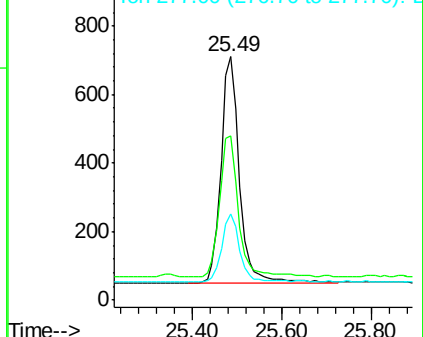
277 28.1 19.9 29.9

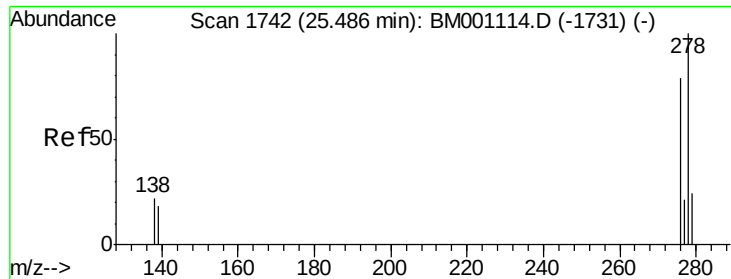


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



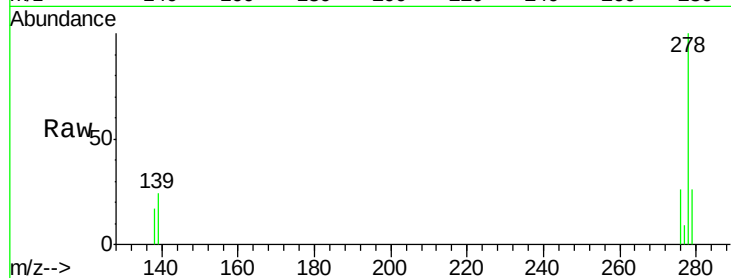


#25
Dibenzo(a,h)anthracene
Concen: 0.71 ng/ul
RT: 25.49 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM001120.D
Acq: 27 Apr 2015 15:54

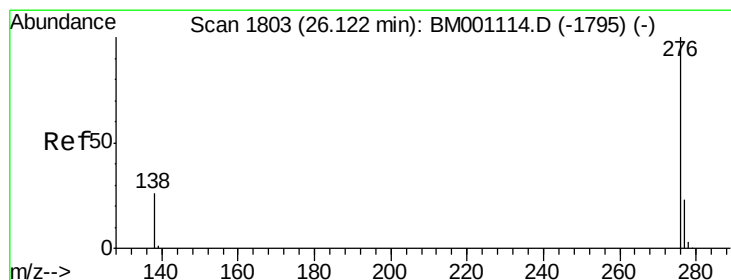
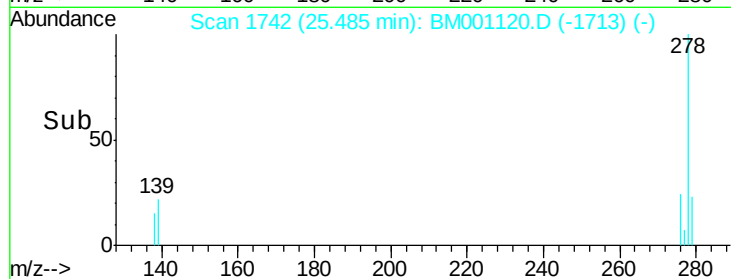
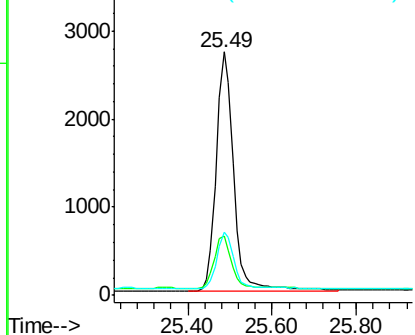
Instrument :
BNA_M
ClientSampleId :
X1Q43

Tgt Ion: 278 Resp: 7810

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.3	25.9
279	25.7	22.2	33.4



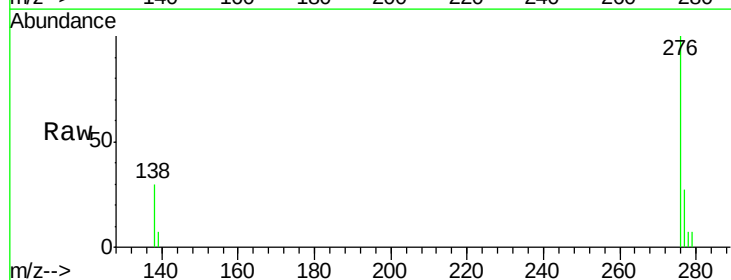
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.13 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BM001120.D
Acq: 27 Apr 2015 15:54

Tgt Ion: 276 Resp: 3438

Ion	Ratio	Lower	Upper
276	100		
277	26.8	20.5	30.7
138	30.1	23.5	35.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

