

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021815\
 Data File : BM000544.D
 Acq On : 18 Feb 2015 18:20
 Operator : TP/IZ
 Sample : SSTD0.416
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.416

Quant Time: Feb 19 00:53:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM021815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 00:44:18 2015
 Response via : Initial Calibration

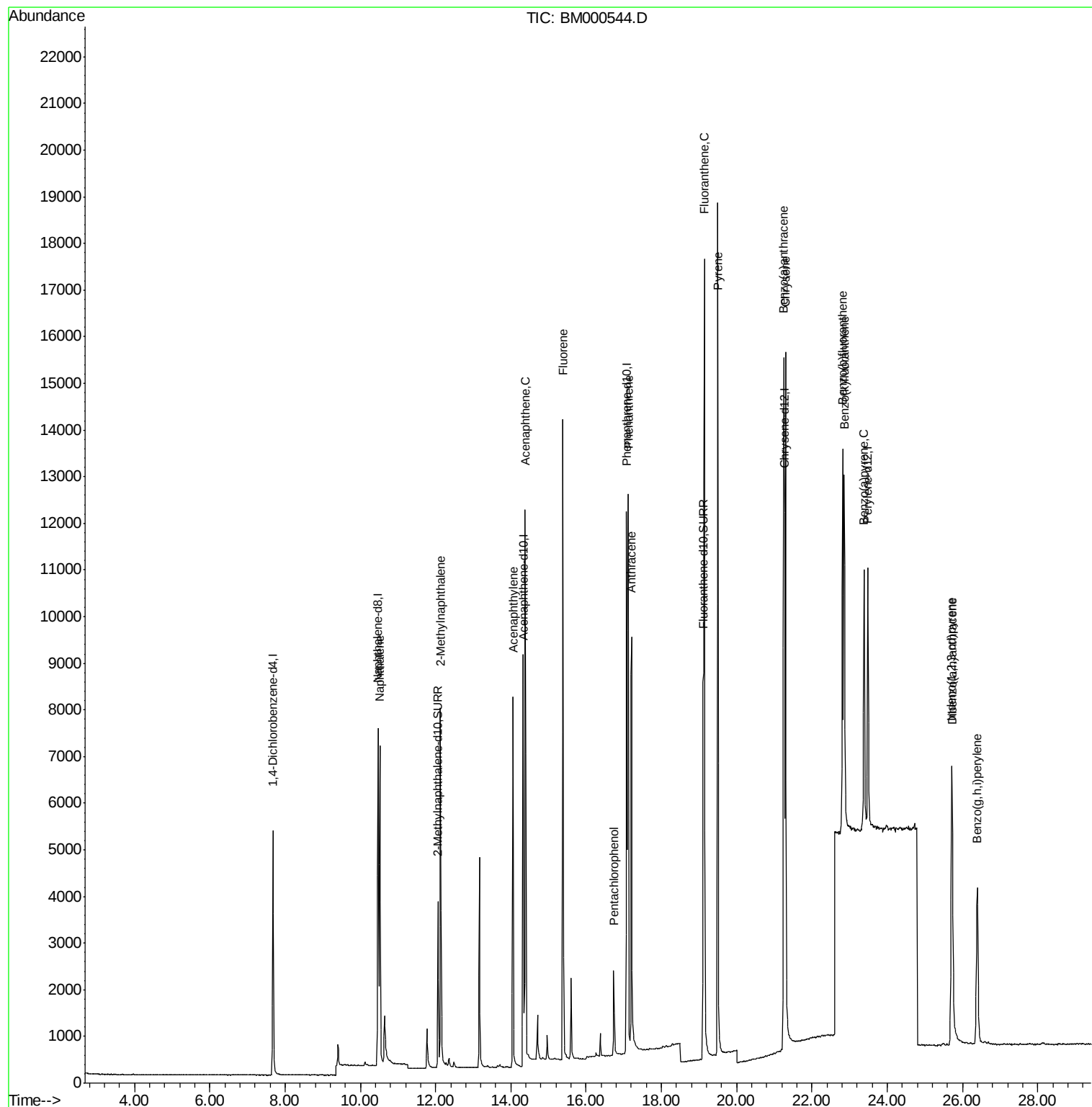
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2925	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	10415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.34	164	7018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	15423	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11464	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	7959	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	5079	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	12029	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.51	128	9500	0.35	ng/ul	100
5) 2-Methylnaphthalene	12.14	142	6688	0.37	ng/ul	100
7) Acenaphthylene	14.05	152	10189	0.37	ng/ul	100
8) Acenaphthene	14.38	153	8011	0.38	ng/ul	100
9) Fluorene	15.39	166	9807	0.39	ng/ul	100
11) Pentachlorophenol	16.73	266	1463	0.70	ng/ul	100
12) Phenanthrene	17.12	178	15775	0.34	ng/ul	100
13) Anthracene	17.21	178	14500	0.35	ng/ul	100
15) Fluoranthene	19.14	202	18159	0.34	ng/ul	100
17) Pyrene	19.50	202	18530	0.39	ng/ul	100
18) Benzo(a)anthracene	21.25	228	12739	0.36	ng/ul	100
19) Chrysene	21.30	228	14583	0.36	ng/ul	100
21) Benzo(b)fluoranthene	22.81	252	10844	0.36	ng/ul	100
22) Benzo(k)fluoranthene	22.86	252	11034	0.36	ng/ul	100
23) Benzo(a)pyrene	23.38	252	9639	0.35	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.71	276	8962	0.32	ng/ul	100
25) Dibenzo(a,h)anthracene	25.72	278	7021	0.32	ng/ul	100
26) Benzo(g,h,i)perylene	26.39	276	7755	0.31	ng/ul	100

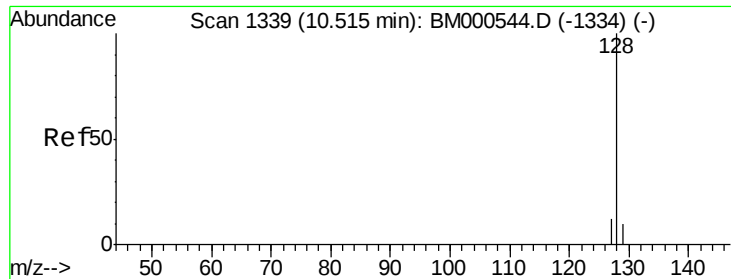
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 00:53:32 2015
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QLast Update : Thu Feb 19 00:44:18 2015
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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.51 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

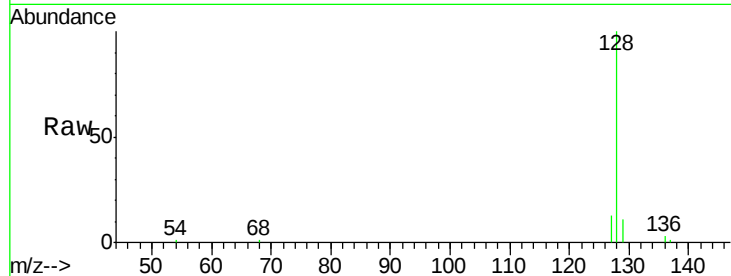
Tgt Ion:128 Resp: 9500

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

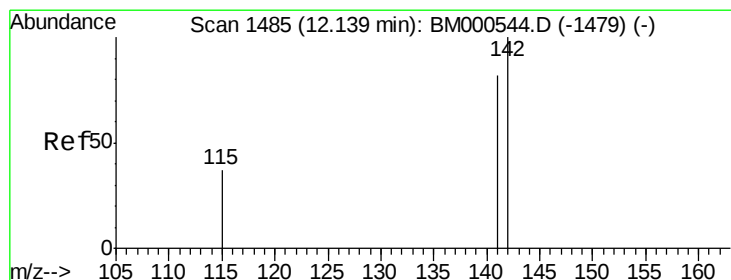
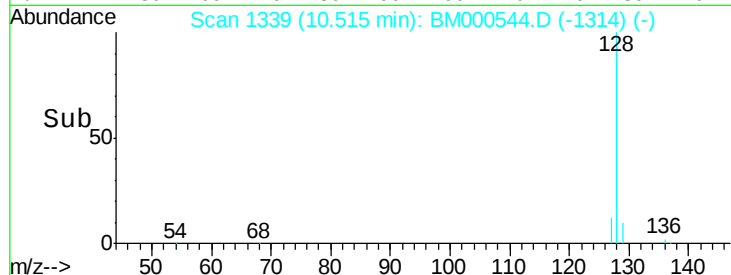
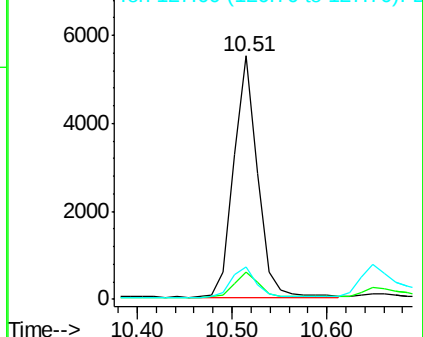
127 13.2 10.6 15.8



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: 0.37 ng/ul

RT: 12.14 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM000544.D

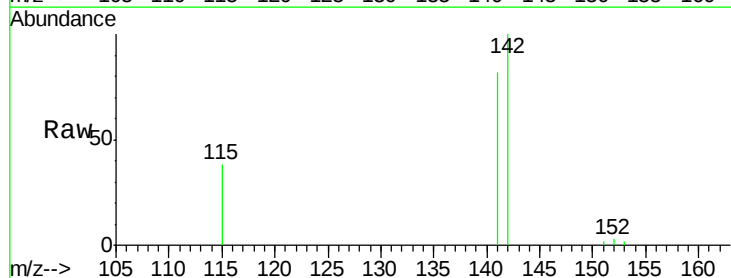
Acq: 18 Feb 2015 18:20

Tgt Ion:142 Resp: 6688

Ion Ratio Lower Upper

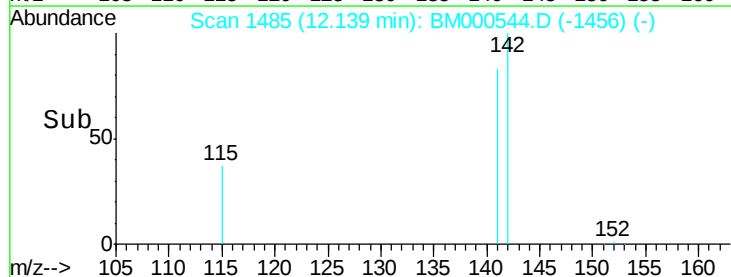
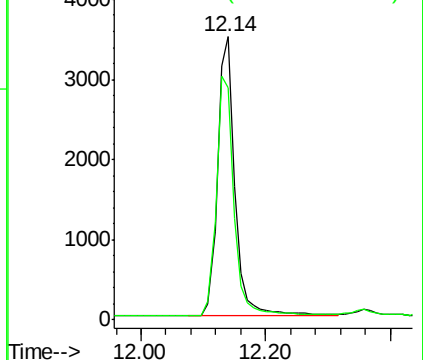
142 100

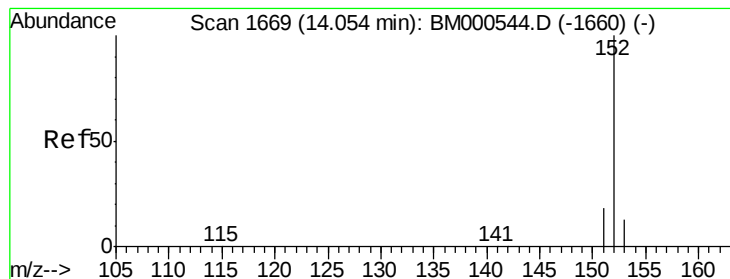
141 88.0 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

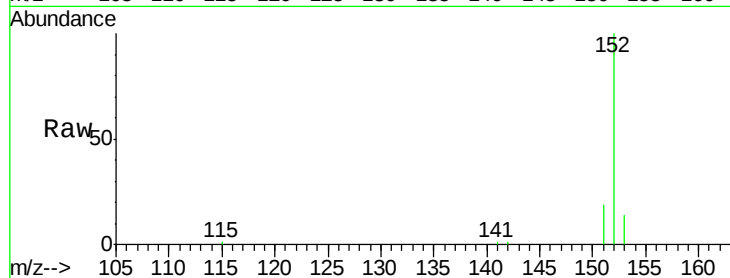
Tgt Ion:152 Resp: 10189

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.4

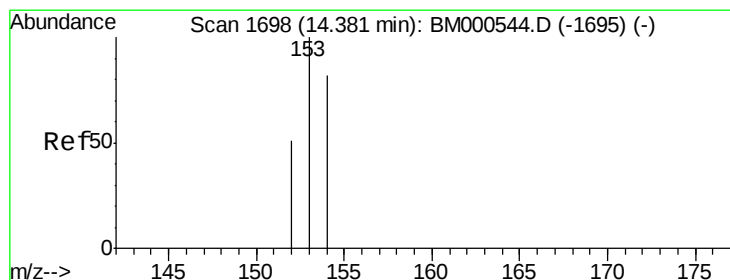
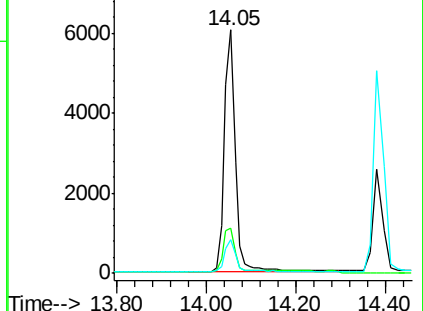
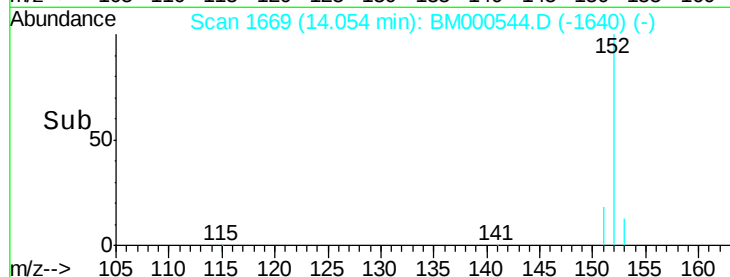
153 14.0 11.2 16.8



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: 0.38 ng/ul

RT: 14.38 min Scan# 1698

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

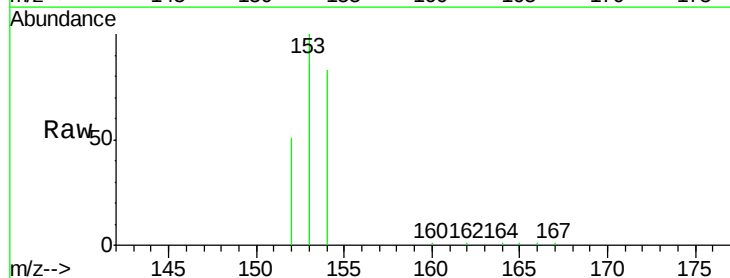
Tgt Ion:153 Resp: 8011

Ion Ratio Lower Upper

153 100

152 51.5 41.2 61.8

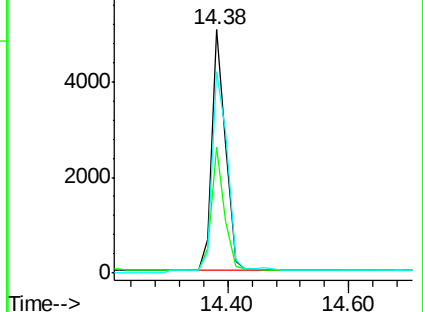
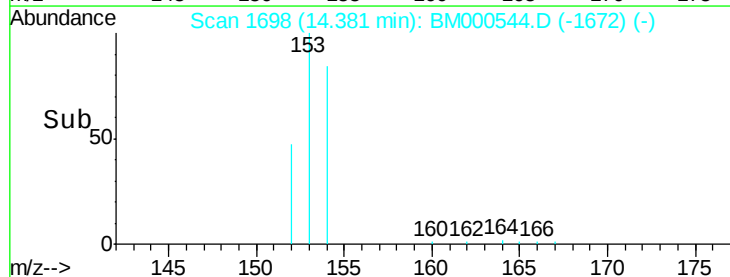
154 82.5 66.0 99.0

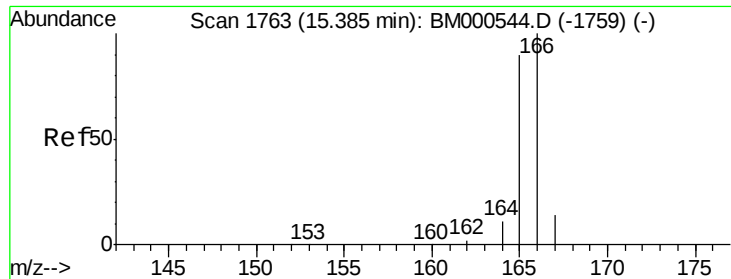


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

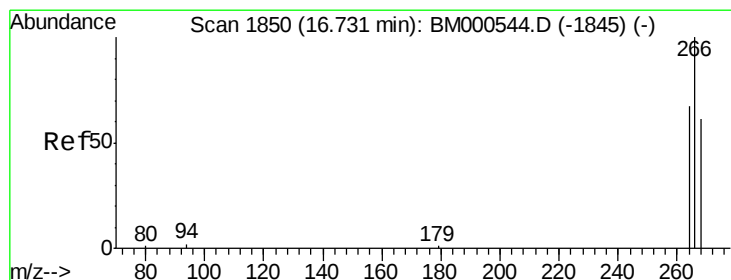
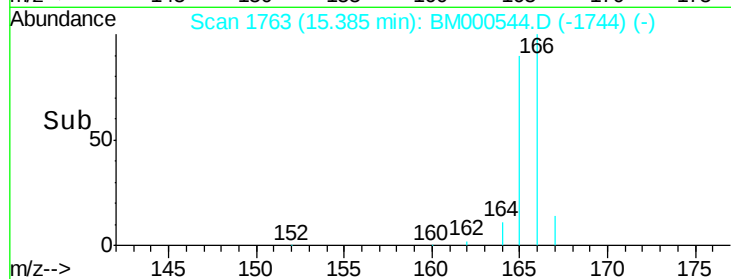
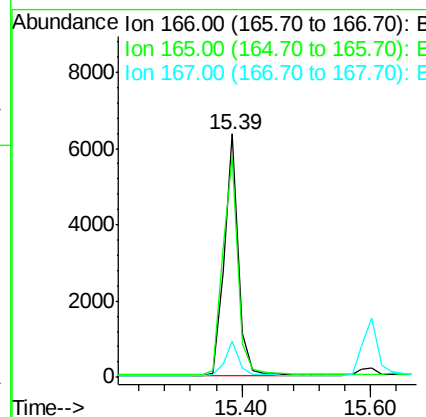
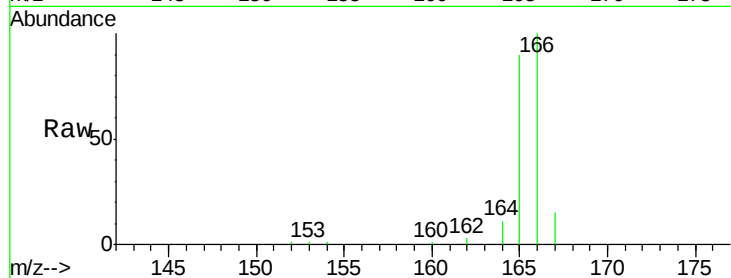




#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.39 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BM000544.D
 Acq: 18 Feb 2015 18:20

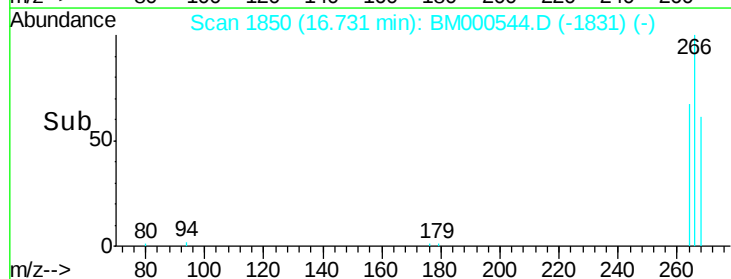
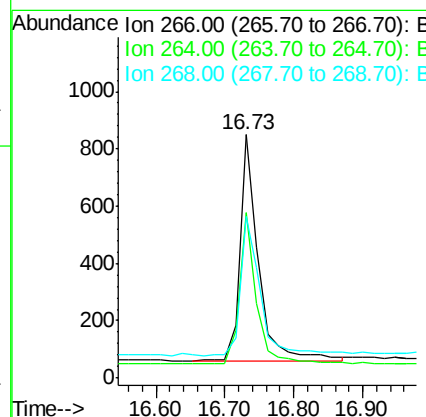
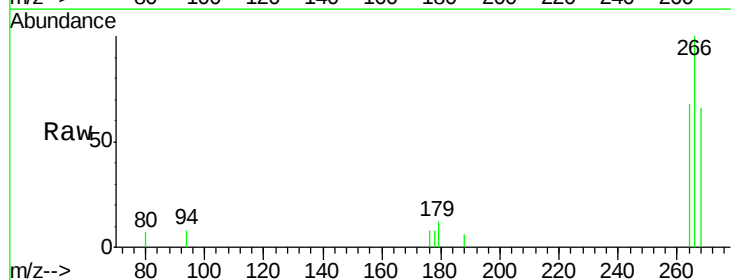
Instrument :
 BNA_M
 ClientSampleId :
 SST0.416

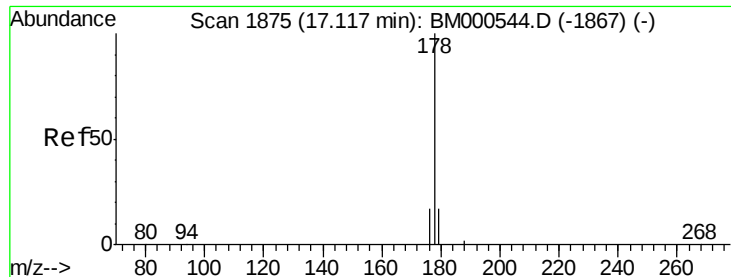
Tgt Ion:166 Resp: 9807
 Ion Ratio Lower Upper
 166 100
 165 90.4 72.3 108.5
 167 14.9 11.9 17.9



#11
Pentachlorophenol
 Concen: 0.70 ng/ul
 RT: 16.73 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BM000544.D
 Acq: 18 Feb 2015 18:20

Tgt Ion:266 Resp: 1463
 Ion Ratio Lower Upper
 266 100
 264 64.7 51.8 77.6
 268 69.2 55.4 83.0





#12

Phenanthrene

Concen: 0.34 ng/ul

RT: 17.12 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

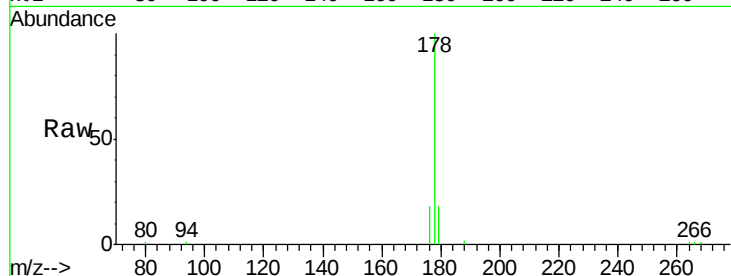
Tgt Ion:178 Resp: 15775

Ion Ratio Lower Upper

178 100

176 17.6 14.1 21.1

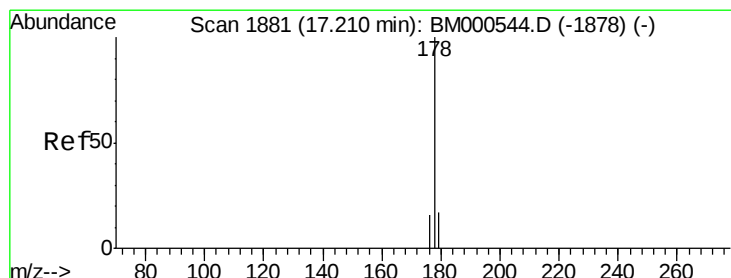
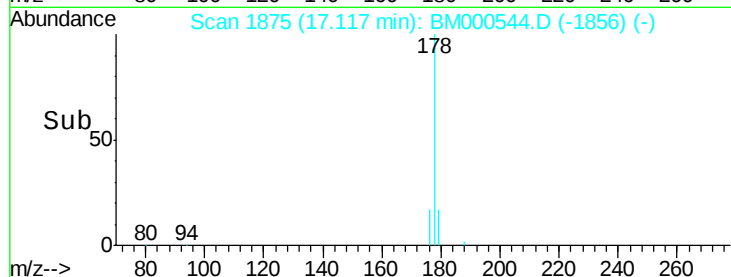
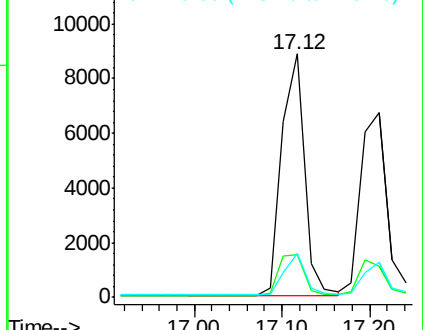
179 18.0 14.4 21.6



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



#13

Anthracene

Concen: 0.35 ng/ul

RT: 17.21 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

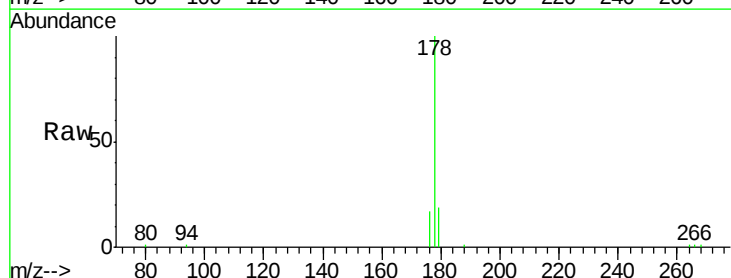
Tgt Ion:178 Resp: 14500

Ion Ratio Lower Upper

178 100

176 17.0 13.6 20.4

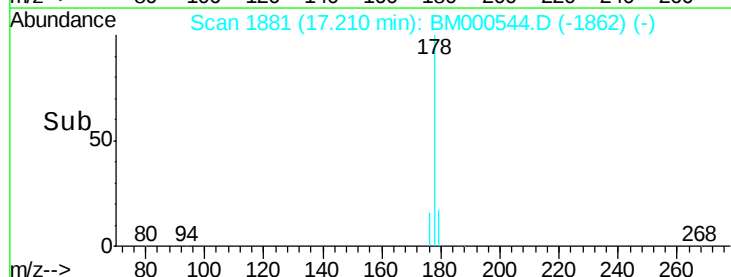
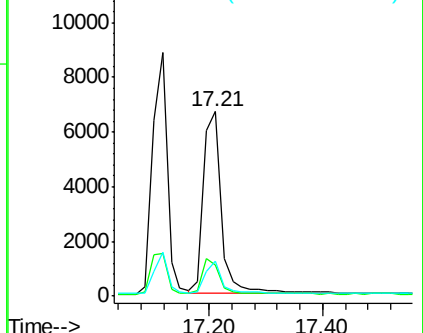
179 18.6 14.9 22.3

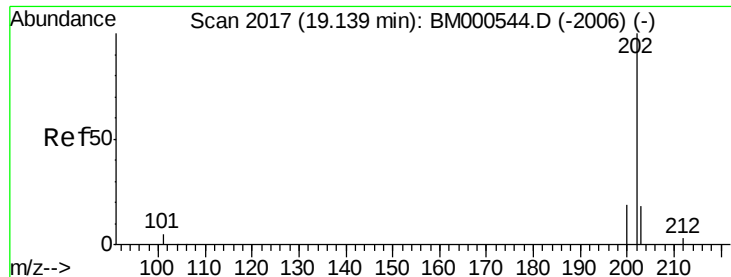


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

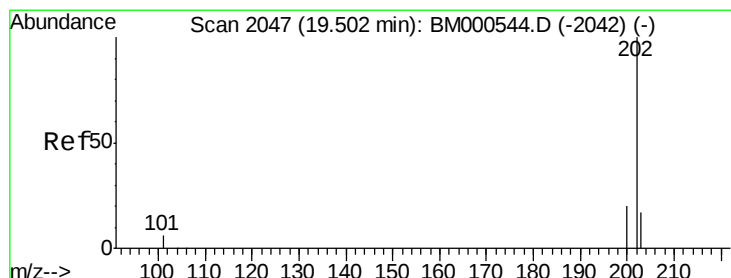
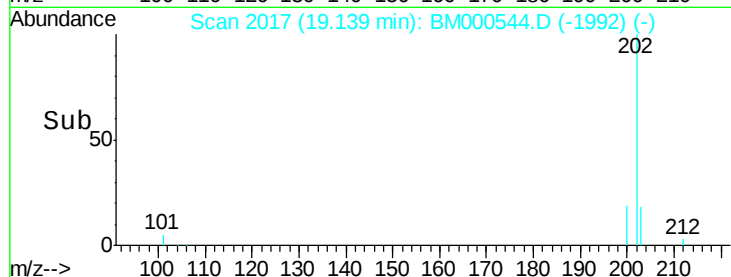
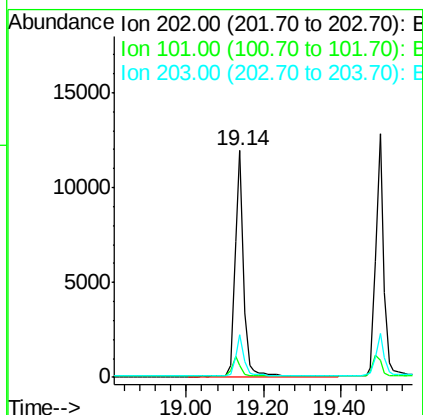
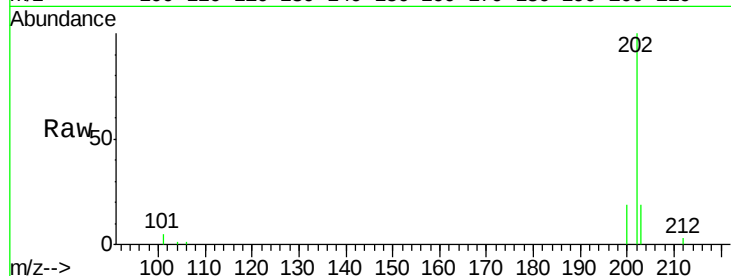




#15
Fluoranthene
Concen: 0.34 ng/ul
RT: 19.14 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM000544.D
Acq: 18 Feb 2015 18:20

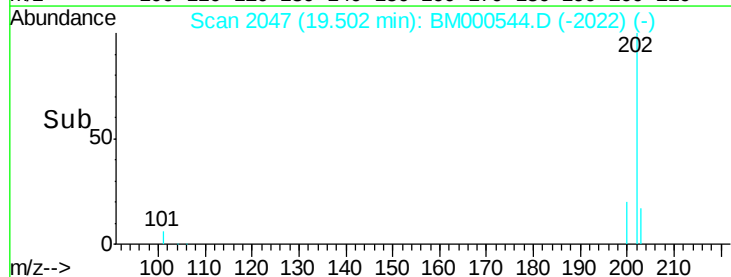
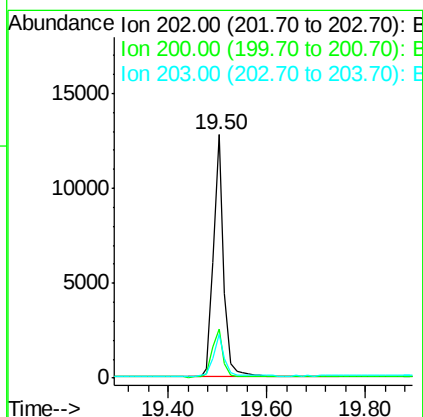
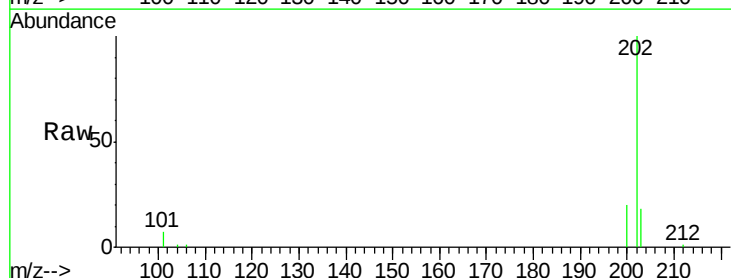
Instrument :
BNA_M
ClientSampleId :
SSTD0.416

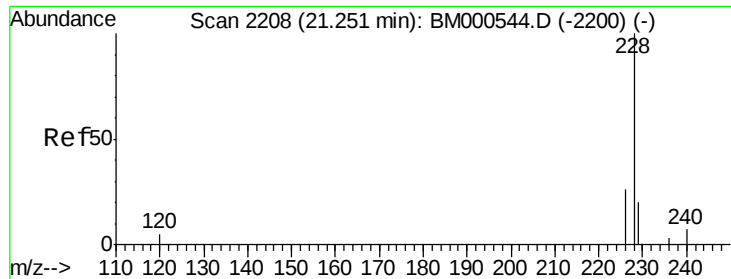
Tgt Ion:202 Resp: 18159
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.4
203 18.6 0.0 38.6



#17
Pyrene
Concen: 0.39 ng/ul
RT: 19.50 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM000544.D
Acq: 18 Feb 2015 18:20

Tgt Ion:202 Resp: 18530
Ion Ratio Lower Upper
202 100
200 20.0 16.0 24.0
203 18.0 14.4 21.6





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 21.25 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

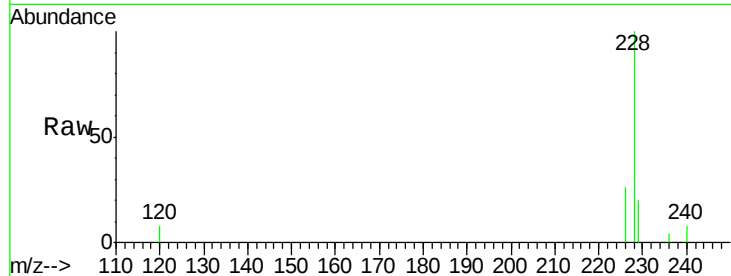
Tgt Ion:228 Resp: 12739

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

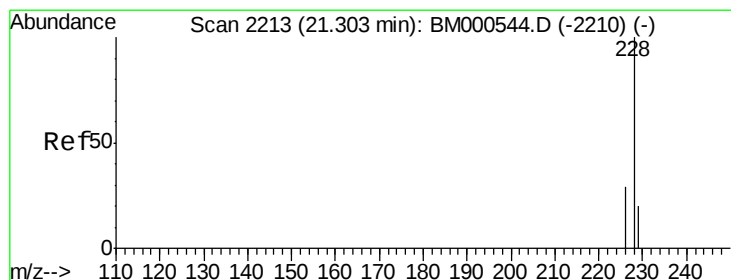
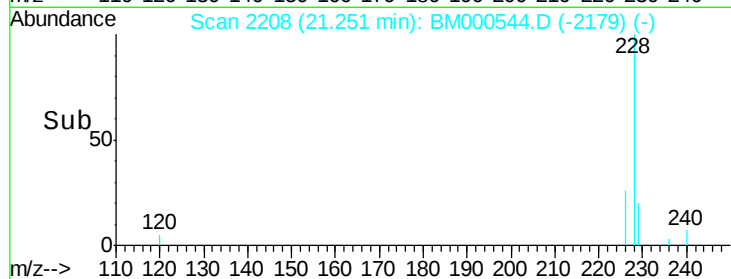
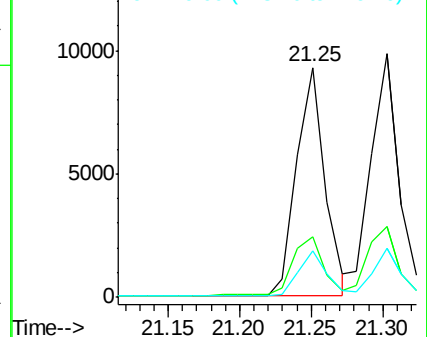
229 20.5 16.4 24.6



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: 0.36 ng/ul

RT: 21.30 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

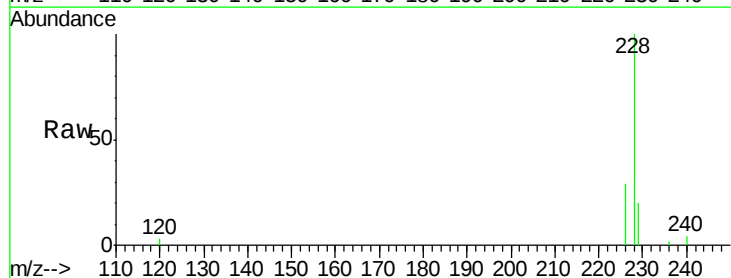
Tgt Ion:228 Resp: 14583

Ion Ratio Lower Upper

228 100

226 28.9 23.1 34.7

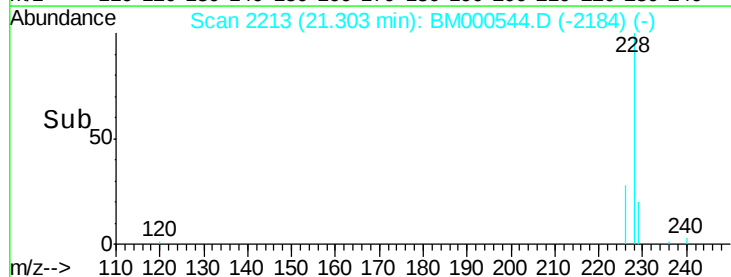
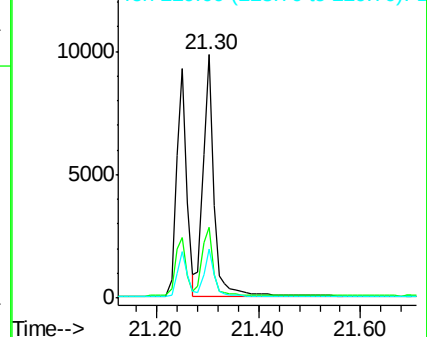
229 20.4 16.3 24.5

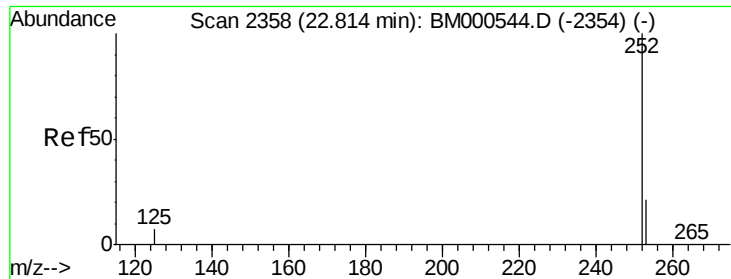


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 22.81 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

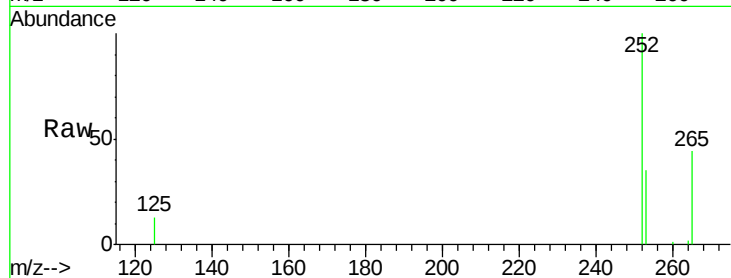
Tgt Ion:252 Resp: 10844

Ion Ratio Lower Upper

252 100

253 34.9 0.0 69.8

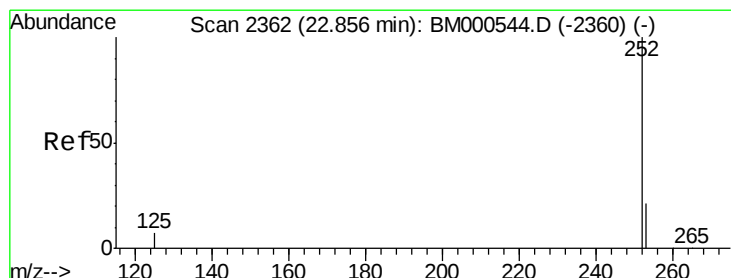
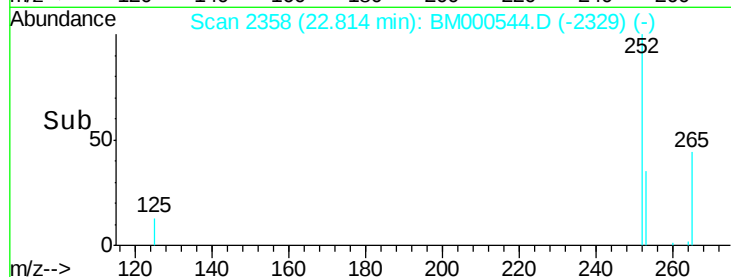
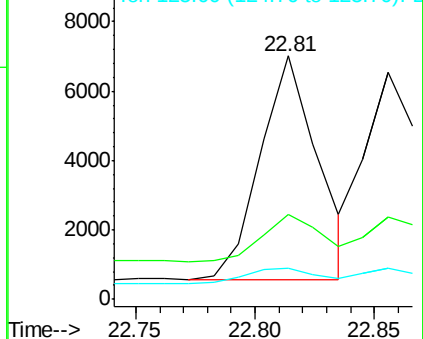
125 12.8 0.0 25.6



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



#22

Benzo(k)fluoranthene

Concen: 0.36 ng/ul

RT: 22.86 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

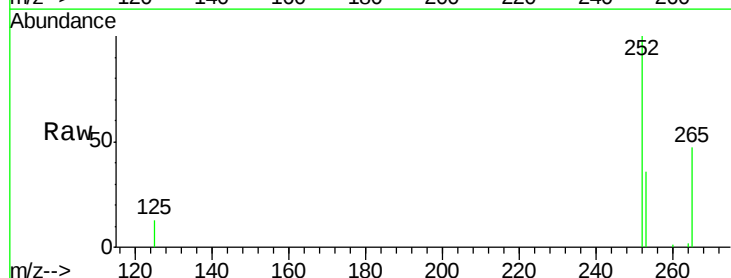
Tgt Ion:252 Resp: 11034

Ion Ratio Lower Upper

252 100

253 36.5 29.2 43.8

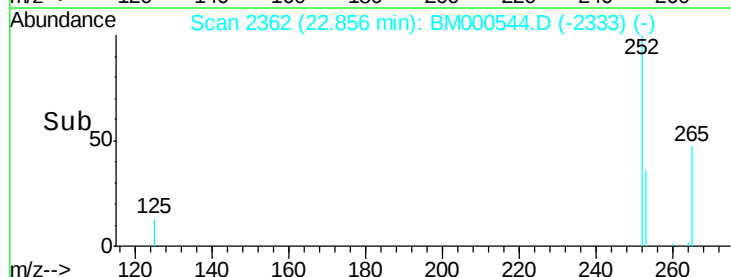
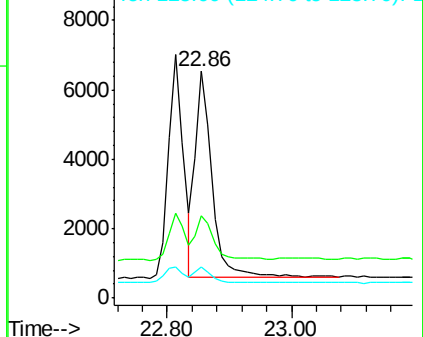
125 13.5 10.8 16.2

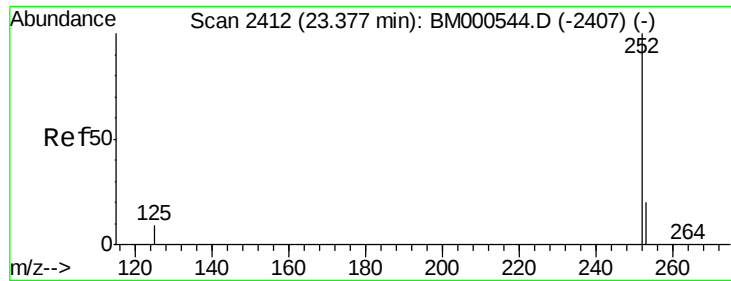


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.35 ng/ul

RT: 23.38 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

Instrument :

BNA_M

ClientSampleId :

SSTD0.416

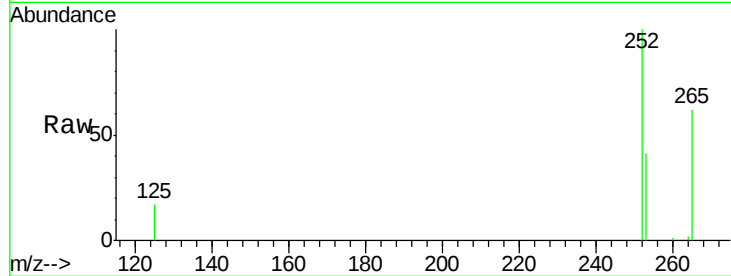
Tgt Ion:252 Resp: 9639

Ion Ratio Lower Upper

252 100

253 40.9 32.7 49.1

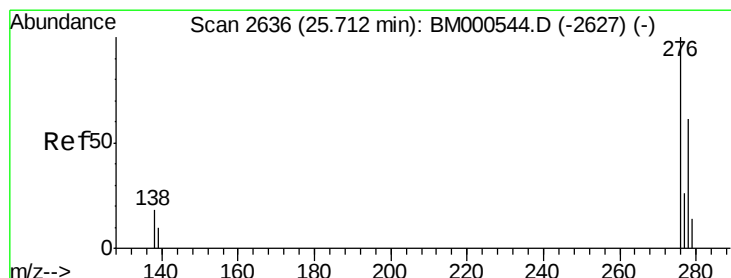
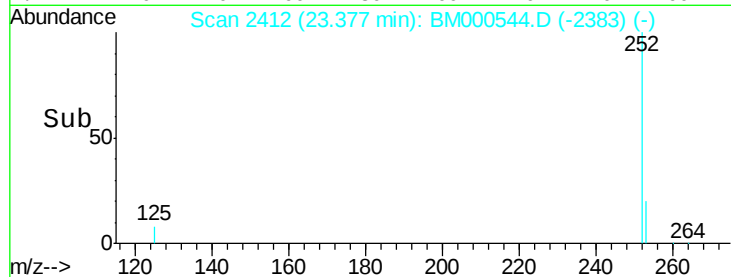
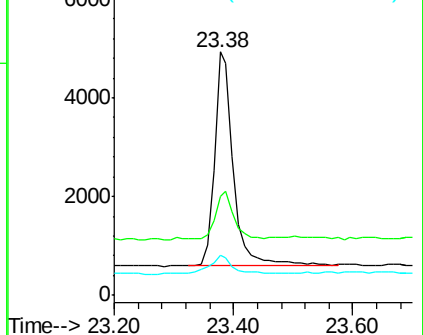
125 16.6 13.3 19.9



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: 0.32 ng/ul

RT: 25.71 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BM000544.D

Acq: 18 Feb 2015 18:20

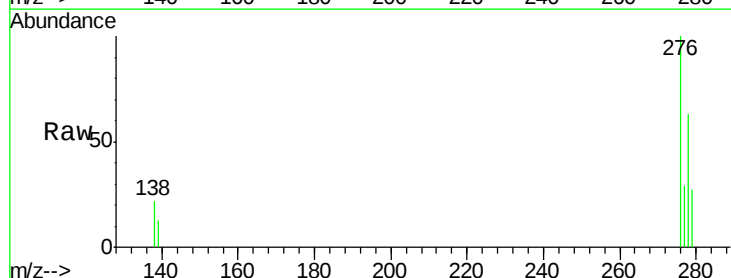
Tgt Ion:276 Resp: 8962

Ion Ratio Lower Upper

276 100

138 18.6 14.9 22.3

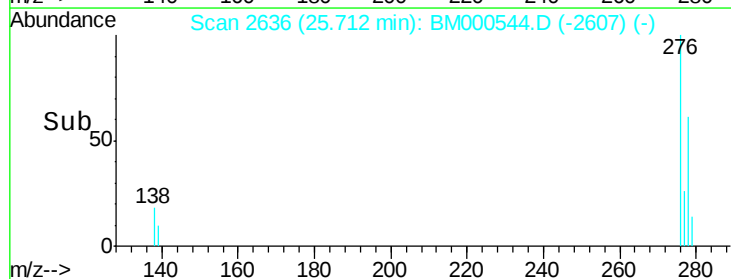
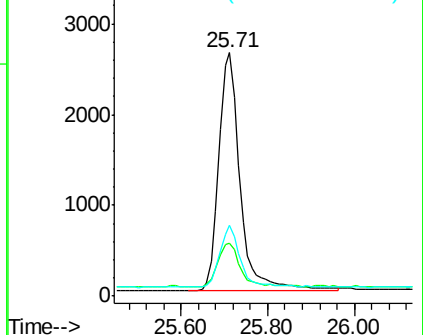
277 24.9 19.9 29.9

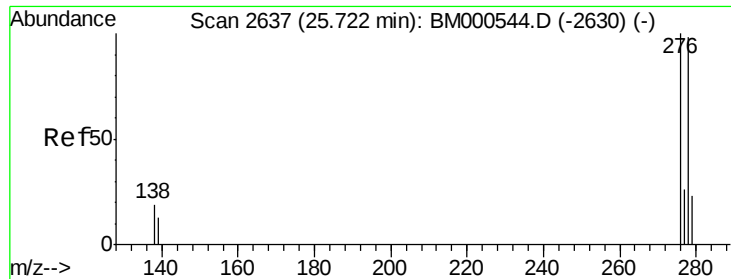


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

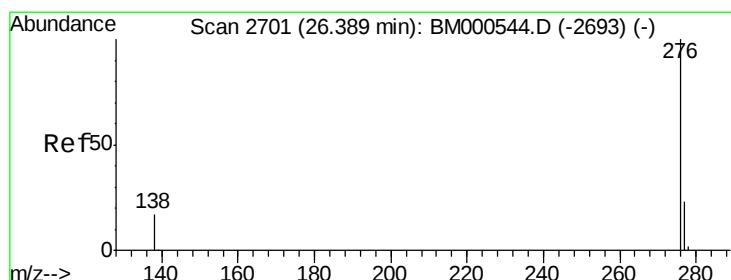
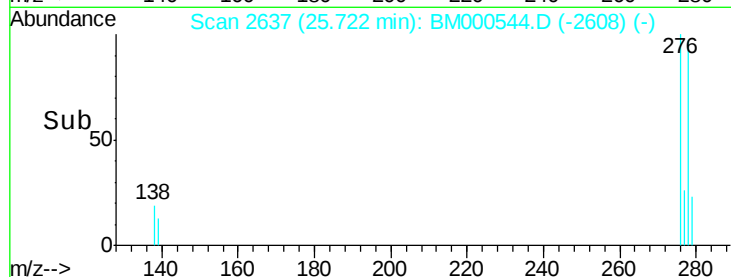
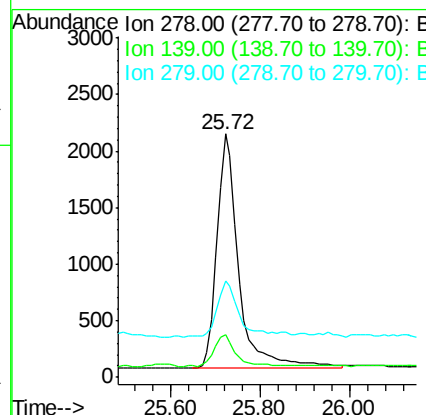
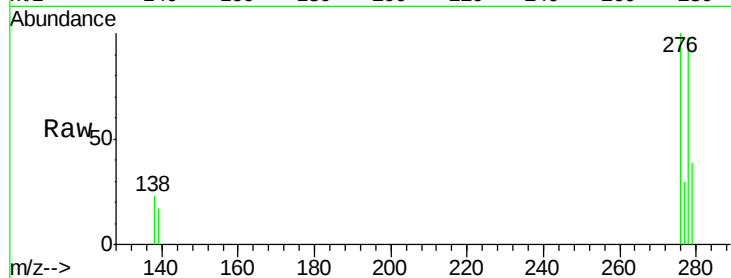




#25
Dibenzo(a,h)anthracene
Concen: 0.32 ng/ul
RT: 25.72 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BM000544.D
Acq: 18 Feb 2015 18:20

Instrument :
BNA_M
ClientSampleId :
SSTD0.416

Tgt Ion:278 Resp: 7021
Ion Ratio Lower Upper
278 100
139 17.7 14.2 21.2
279 39.4 31.5 47.3



#26
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 26.39 min Scan# 2701
Delta R.T. 0.00 min
Lab File: BM000544.D
Acq: 18 Feb 2015 18:20

Tgt Ion:276 Resp: 7755
Ion Ratio Lower Upper
276 100
277 26.8 21.4 32.2
138 20.6 16.5 24.7

