

Data Path : S:\HPCHEM1\BNA_M\Data\BM061115\
 Data File : BM001648.D
 Acq On : 11 Jun 2015 16:26
 Operator : TP/IZ
 Sample : SSTD0.491
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.491

Quant Time: Jun 11 17:50:20 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 07:52:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1994	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	7246	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.34	164	3435	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.08	188	6787	0.40	ng/ul	-0.01
18) Chrysene-d12	21.27	240	4821	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	3708	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	13	0.00	ng/uL	0.03
6) 2-Methylnaphthalene-d10	12.08	152	3611	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5648	0.41	ng/ul	0.00

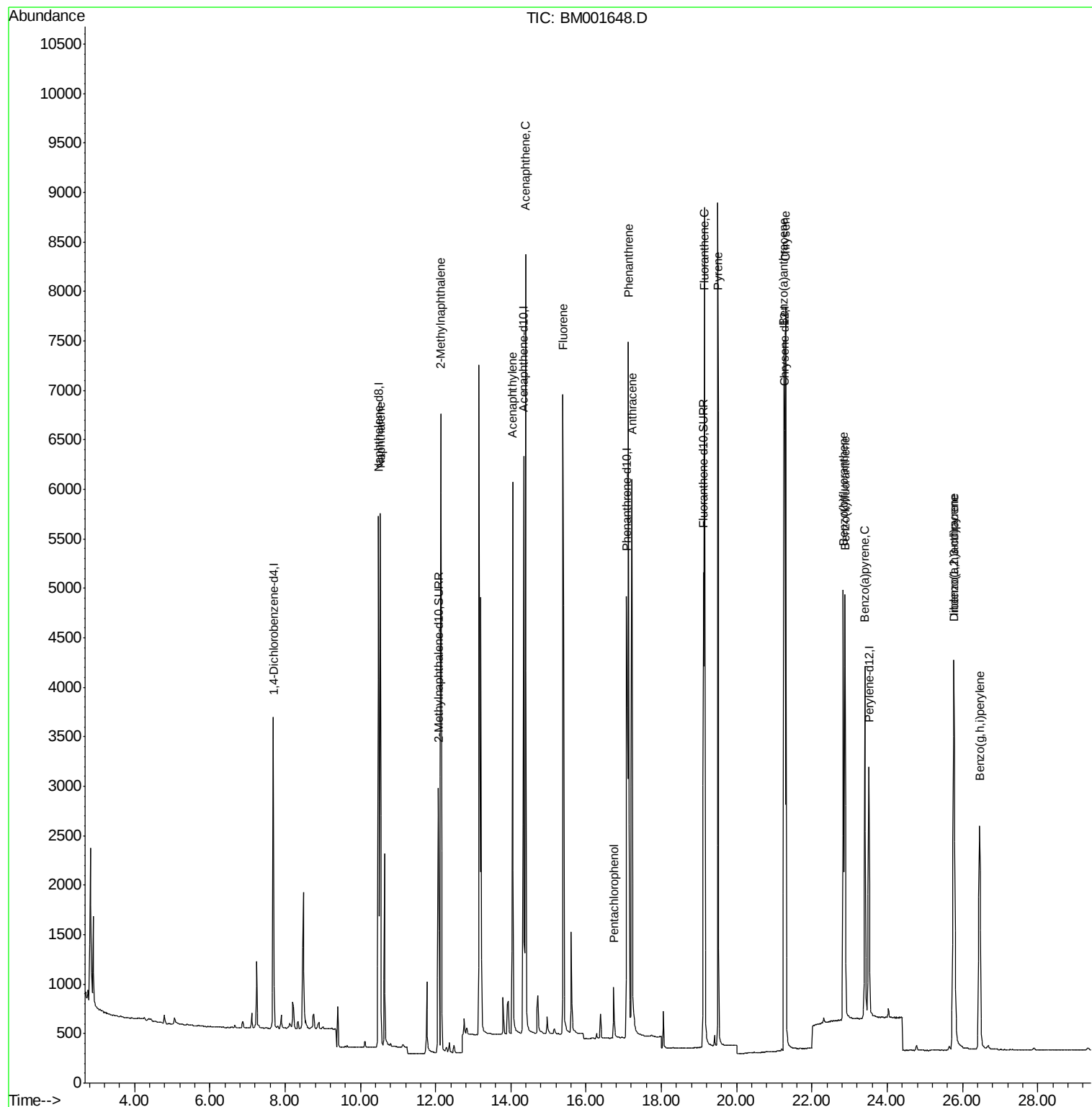
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.53	128	7720	0.40	ng/ul	99
7) 2-Methylnaphthalene	12.14	142	4938	0.41	ng/ul	100
9) Acenaphthylene	14.05	152	6625	0.40	ng/ul	99
10) Acenaphthene	14.39	153	5100	0.41	ng/ul	100
11) Fluorene	15.38	166	5415	0.41	ng/ul	99
13) Pentachlorophenol	16.74	266	434	0.32	ng/ul	94
14) Phenanthrene	17.12	178	8036	0.41	ng/ul	99
15) Anthracene	17.22	178	7533	0.40	ng/ul	98
17) Fluoranthene	19.14	202	8595	0.41	ng/ul	96
19) Pyrene	19.50	202	8806	0.45	ng/ul	99
20) Benzo(a)anthracene	21.25	228	6356	0.41	ng/ul	98
21) Chrysene	21.31	228	6725	0.40	ng/ul	99
23) Benzo(b)fluoranthene	22.83	252	6299	0.44	ng/ul	99
24) Benzo(k)fluoranthene	22.88	252	5189	0.36	ng/ul	99
25) Benzo(a)pyrene	23.41	252	5262	0.40	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.77	276	5282	0.35	ng/ul	98
27) Dibenzo(a,h)anthracene	25.78	278	4135	0.34	ng/ul	99
28) Benzo(g,h,i)perylene	26.45	276	4759	0.34	ng/ul	99

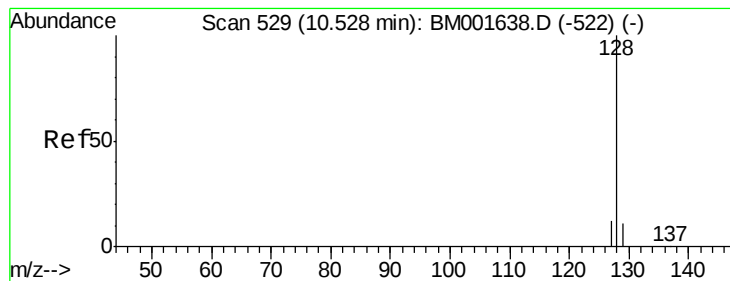
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : S:\HPCHEM1\BNA_M\Data\BM061115\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
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QLast Update : Thu Jun 11 07:52:35 2015
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#5

Naphthalene

Concen: 0.40 ng/ul

RT: 10.53 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

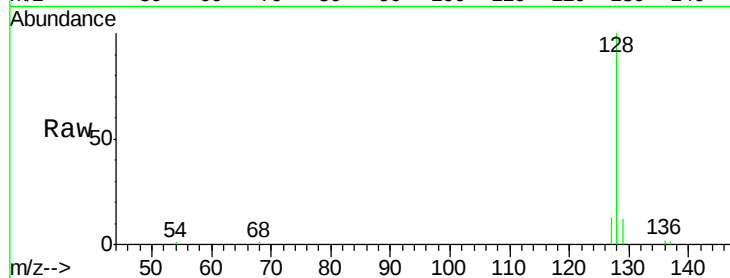
Tgt Ion:128 Resp: 7720

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

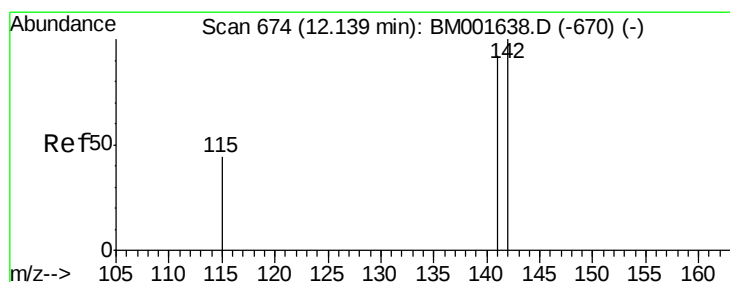
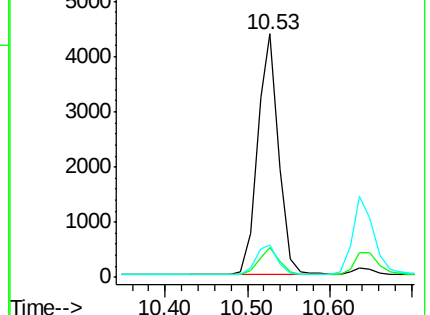
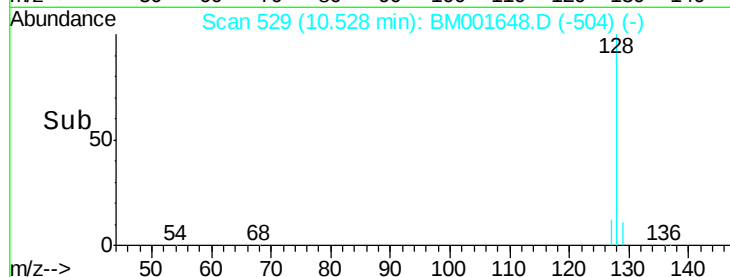
127 13.1 10.7 16.1



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: 0.41 ng/ul

RT: 12.14 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM001648.D

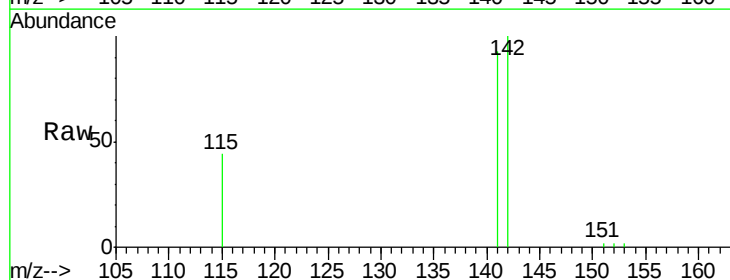
Acq: 11 Jun 2015 16:26

Tgt Ion:142 Resp: 4938

Ion Ratio Lower Upper

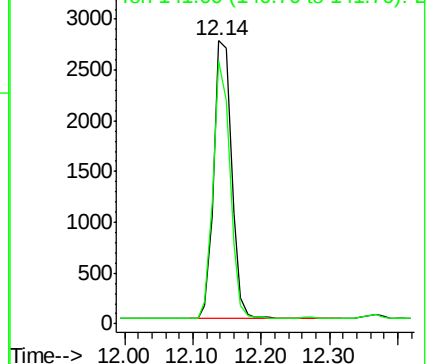
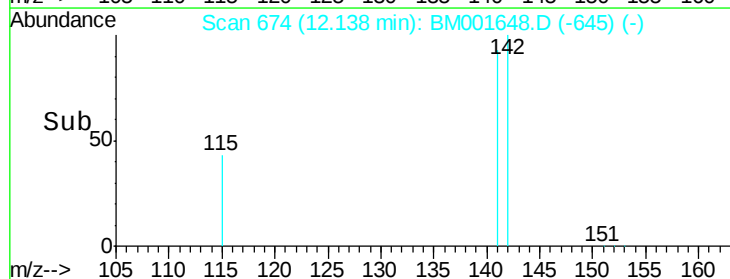
142 100

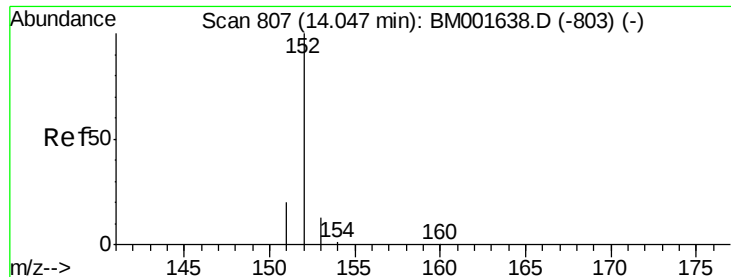
141 88.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.05 min Scan# 807

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

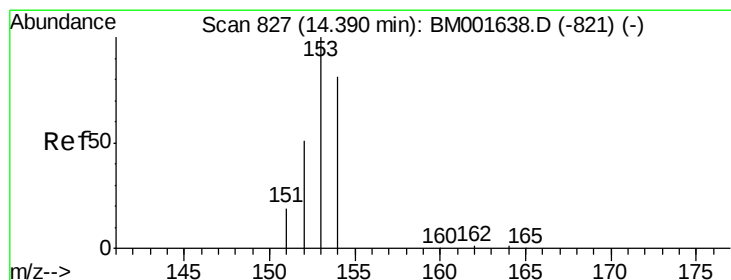
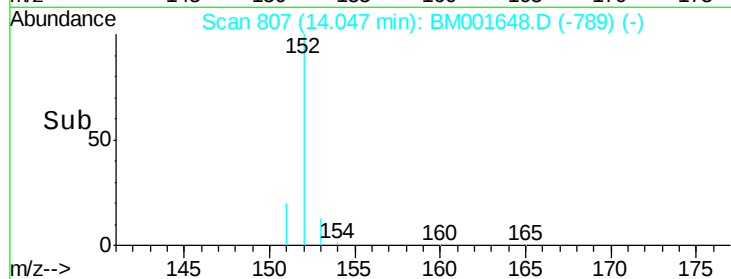
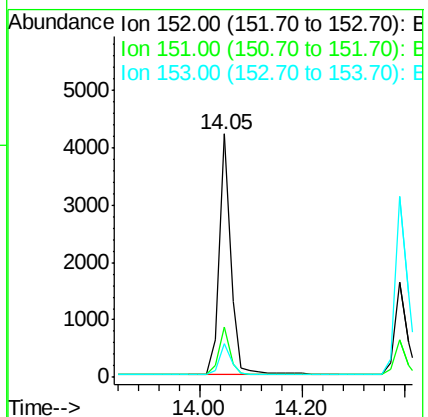
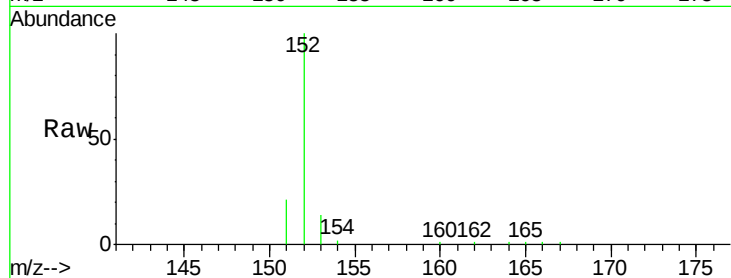
Tgt Ion:152 Resp: 6625

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.6 11.3 16.9



#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 14.39 min Scan# 827

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

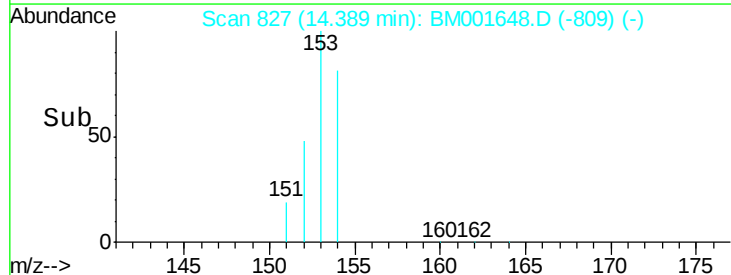
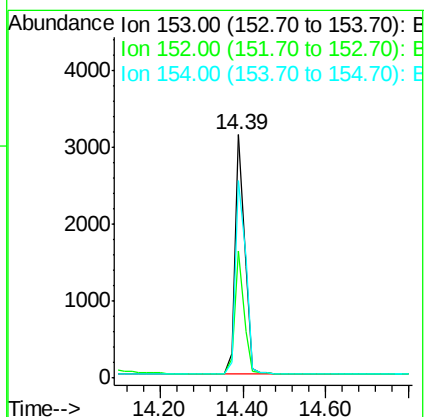
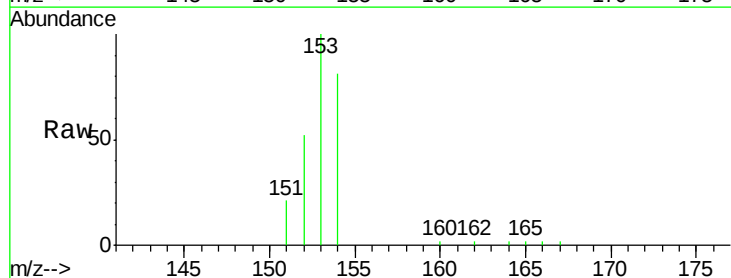
Tgt Ion:153 Resp: 5100

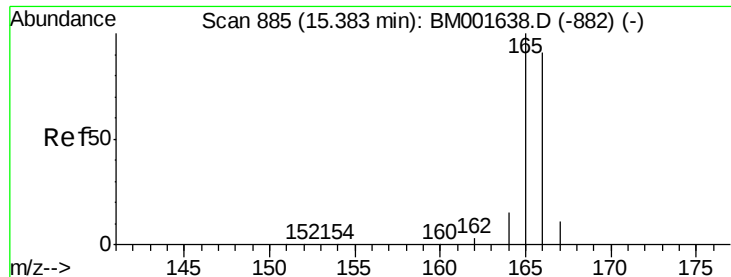
Ion Ratio Lower Upper

153 100

152 52.4 42.3 63.5

154 81.2 64.7 97.1

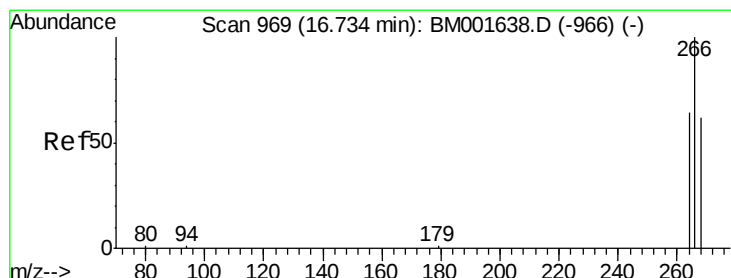
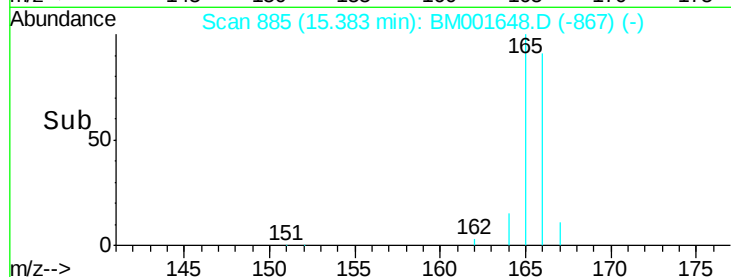
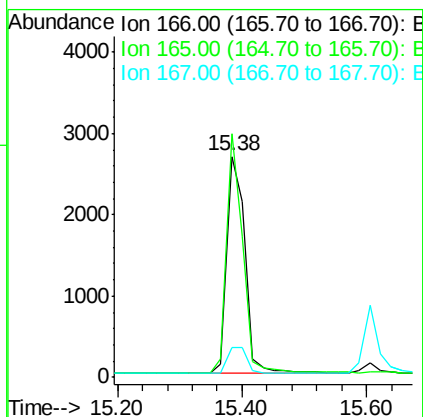
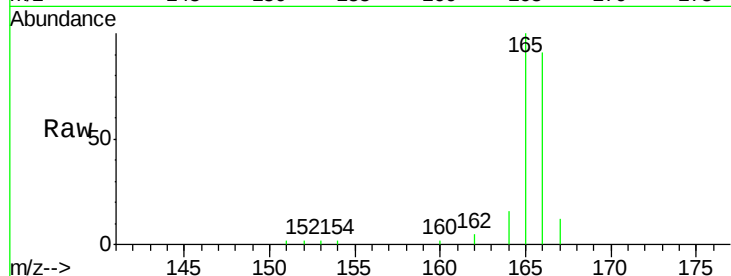




#11
Fluorene
 Concen: 0.41 ng/ul
 RT: 15.38 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BM001648.D
 Acq: 11 Jun 2015 16:26

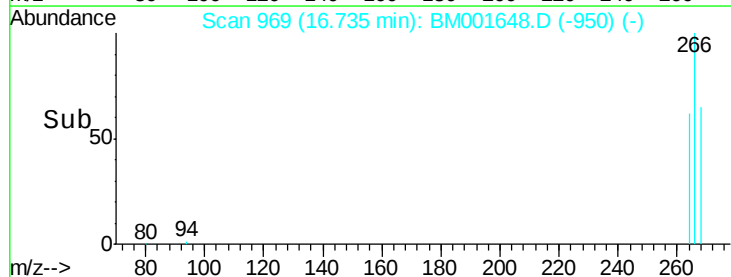
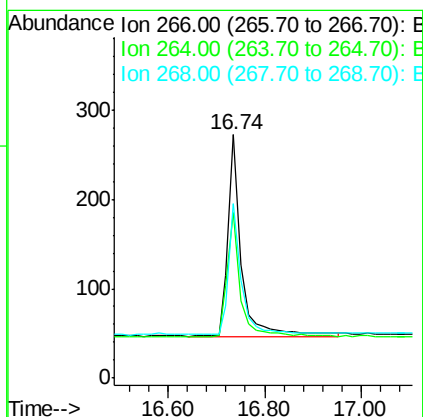
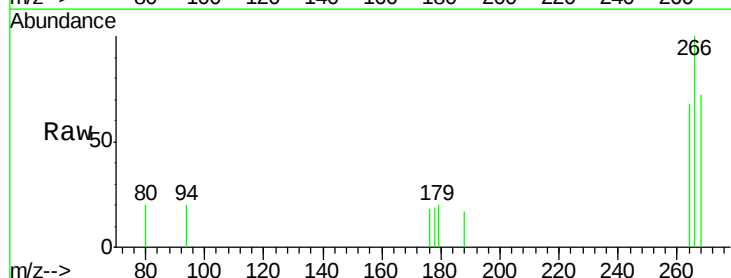
Instrument :
 BNA_M
 ClientSampleId :
 SST00.491

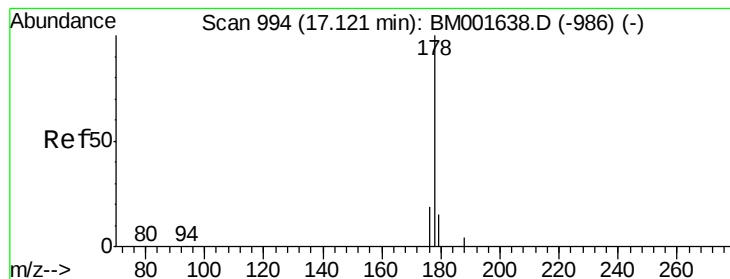
Tgt Ion:166 Resp: 5415
 Ion Ratio Lower Upper
 166 100
 165 110.2 87.6 131.4
 167 13.4 11.1 16.7



#13
Pentachlorophenol
 Concen: 0.32 ng/ul
 RT: 16.74 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001648.D
 Acq: 11 Jun 2015 16:26

Tgt Ion:266 Resp: 434
 Ion Ratio Lower Upper
 266 100
 264 62.2 53.5 80.3
 268 62.7 54.2 81.2





#14

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

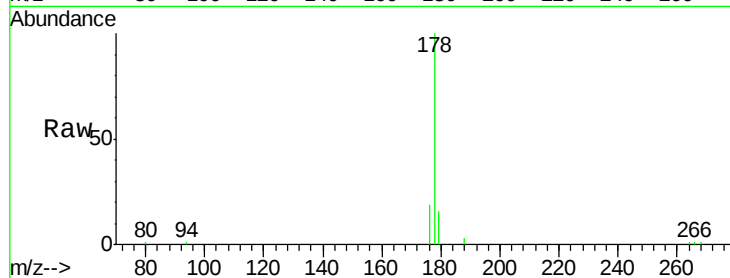
Tgt Ion:178 Resp: 8036

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

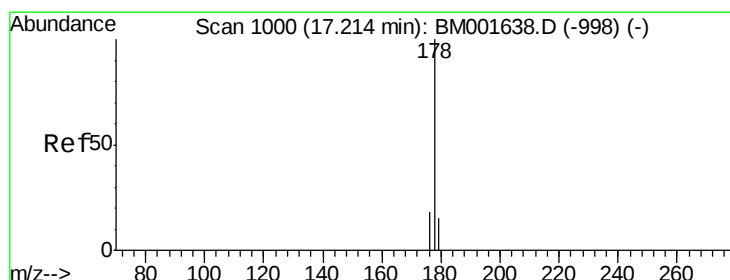
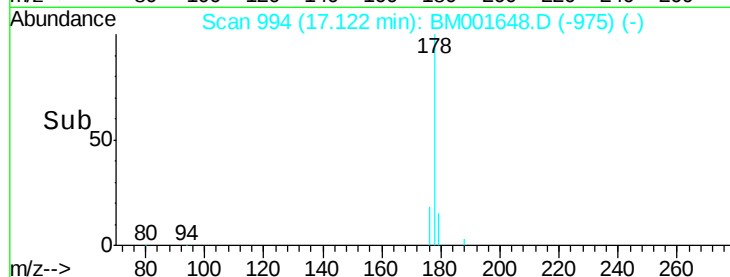
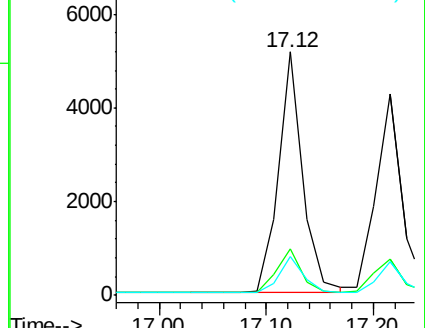
179 16.2 12.8 19.2



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: 0.40 ng/ul

RT: 17.22 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

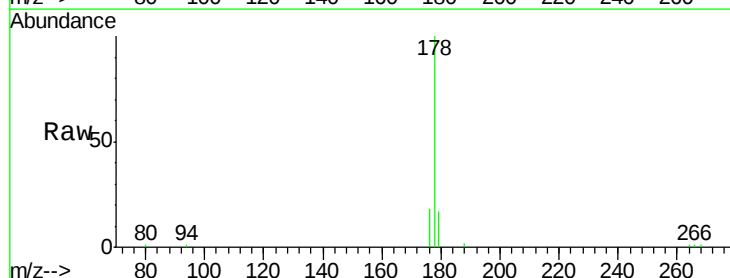
Tgt Ion:178 Resp: 7533

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

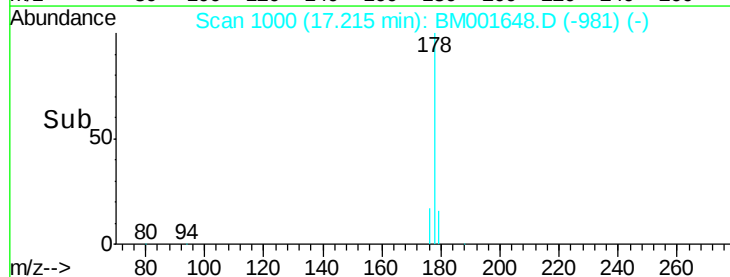
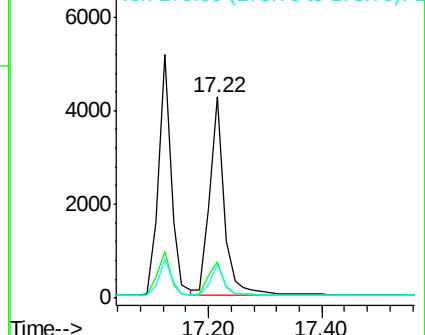
179 16.6 13.3 19.9

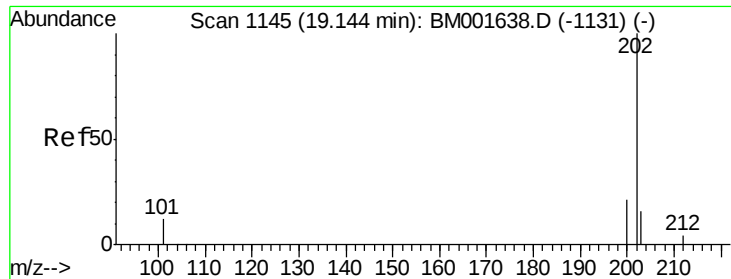


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

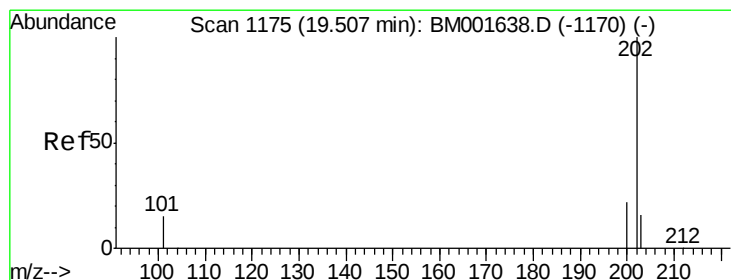
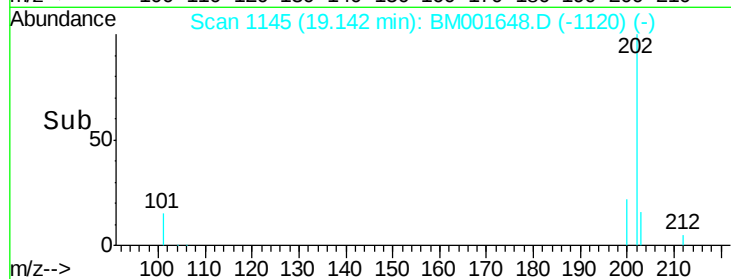
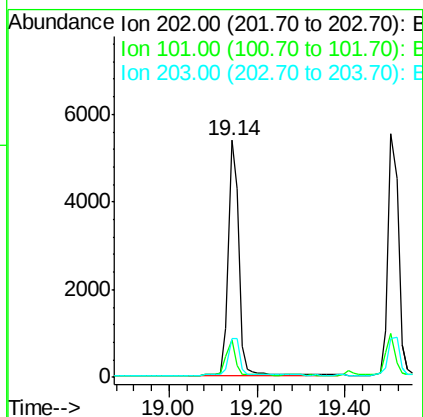
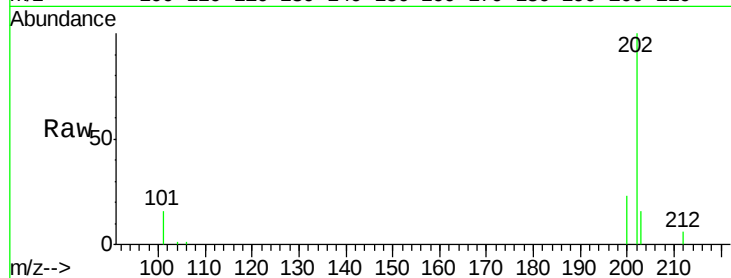




#17
Fluoranthene
 Concen: 0.41 ng/ul
 RT: 19.14 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BM001648.D
 Acq: 11 Jun 2015 16:26

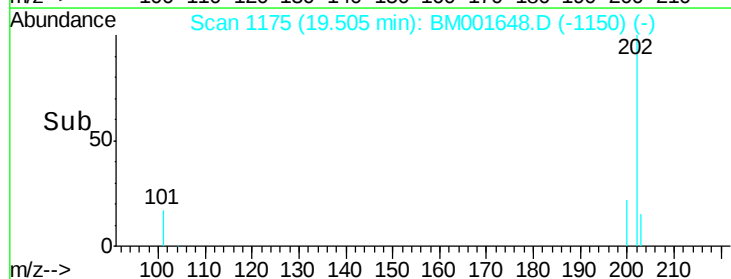
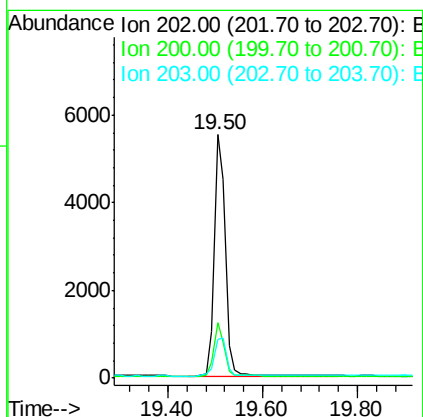
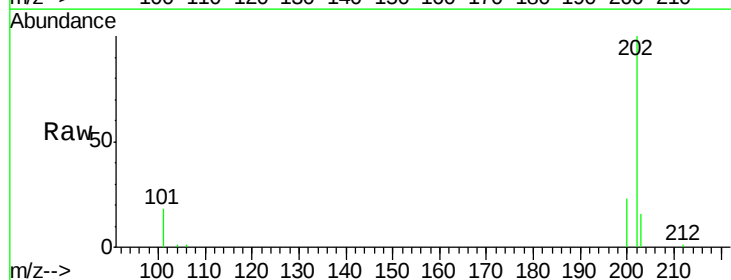
Instrument :
 BNA_M
 ClientSampleId :
 SST0.491

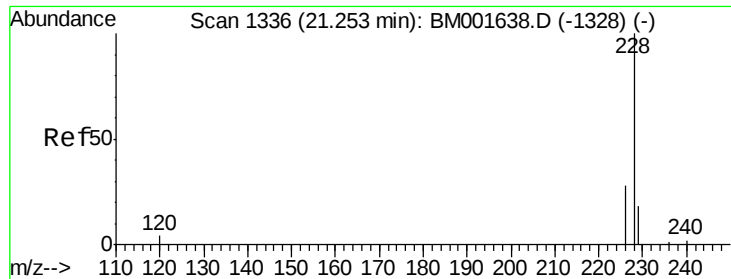
Tgt Ion:202 Resp: 8595
 Ion Ratio Lower Upper
 202 100
 101 16.0 0.0 33.1
 203 16.4 0.0 37.2



#19
Pyrene
 Concen: 0.45 ng/ul
 RT: 19.50 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BM001648.D
 Acq: 11 Jun 2015 16:26

Tgt Ion:202 Resp: 8806
 Ion Ratio Lower Upper
 202 100
 200 22.8 18.0 27.0
 203 16.2 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.25 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

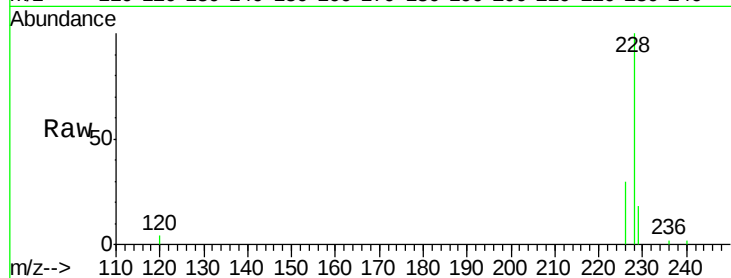
Tgt Ion:228 Resp: 6356

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.4

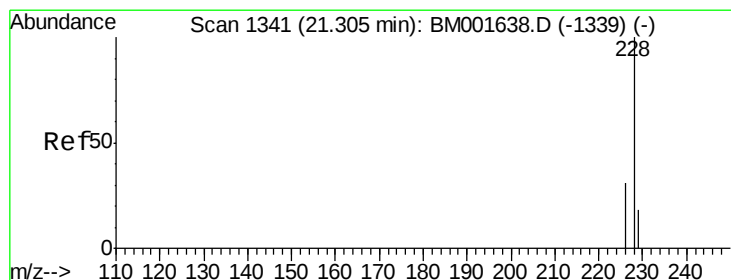
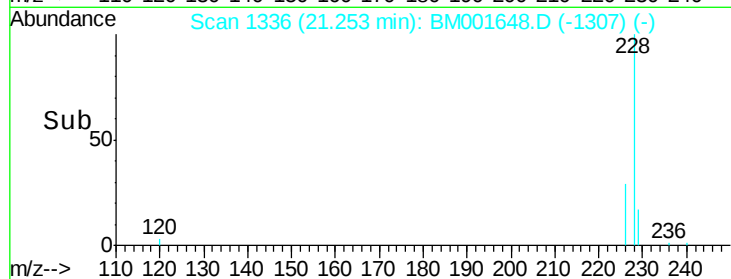
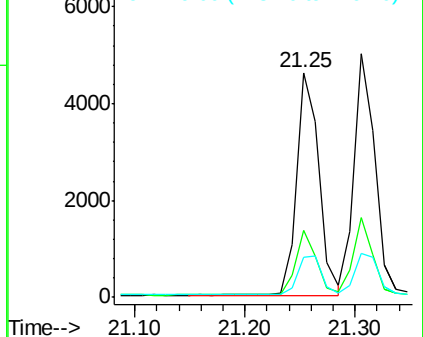
229 17.8 15.2 22.8



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: 0.40 ng/ul

RT: 21.31 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

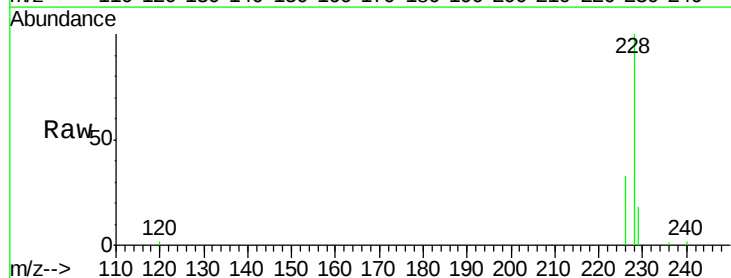
Tgt Ion:228 Resp: 6725

Ion Ratio Lower Upper

228 100

226 32.6 25.7 38.5

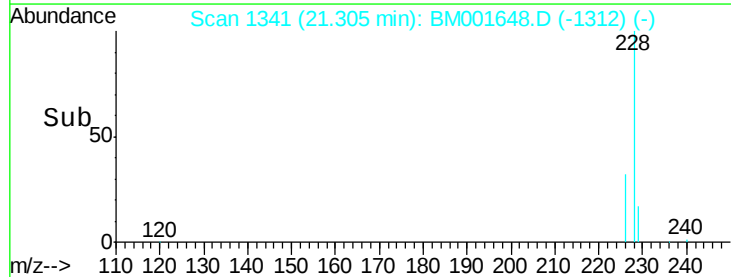
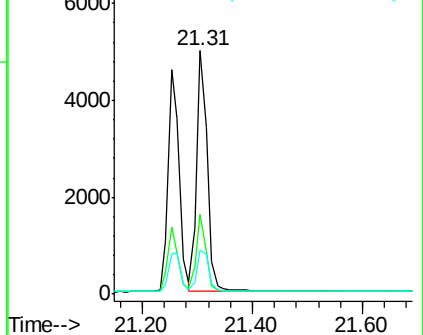
229 18.1 15.2 22.8

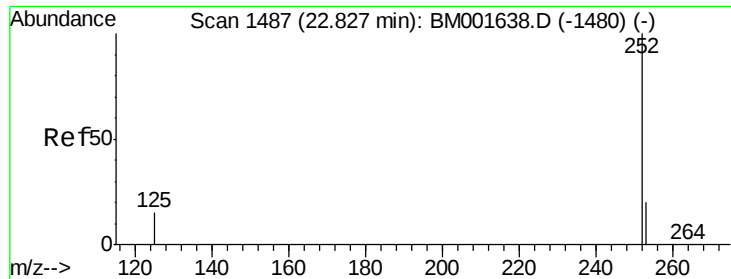


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.44 ng/u1

RT: 22.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

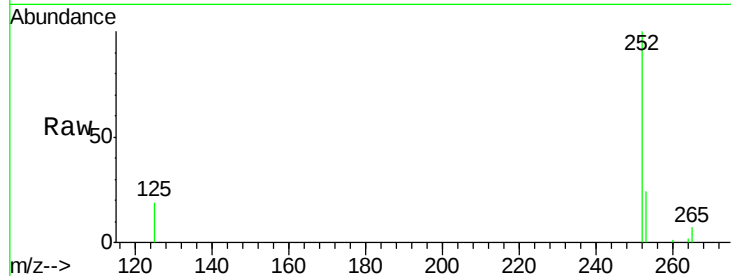
Tgt Ion:252 Resp: 6299

Ion Ratio Lower Upper

252 100

253 23.8 0.0 48.0

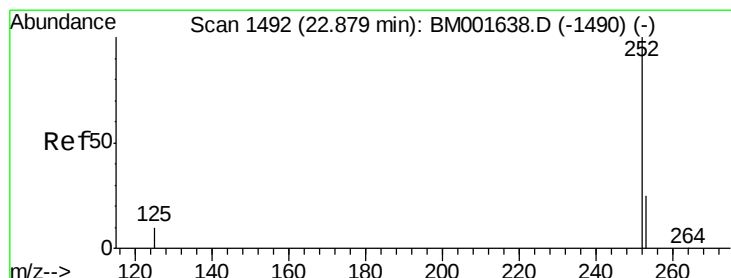
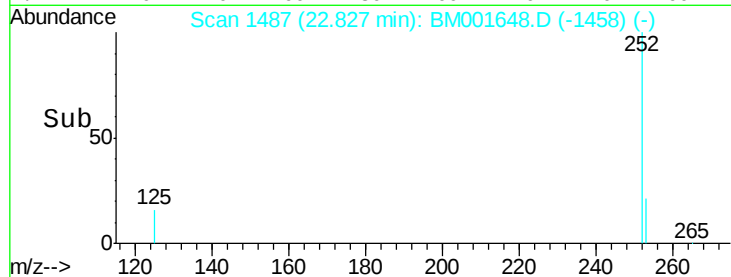
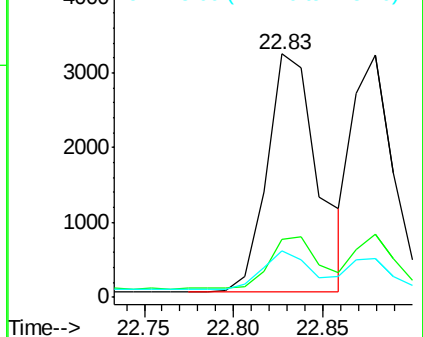
125 19.0 0.0 36.6



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: 0.36 ng/u1

RT: 22.88 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

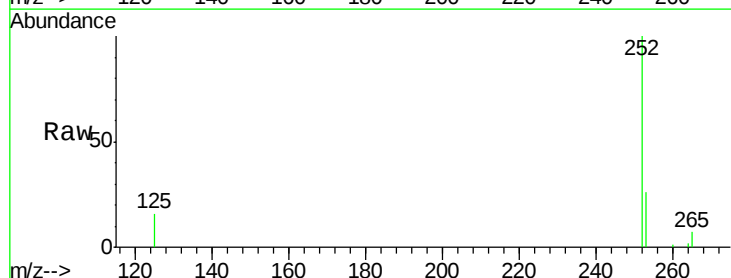
Tgt Ion:252 Resp: 5189

Ion Ratio Lower Upper

252 100

253 25.8 20.8 31.2

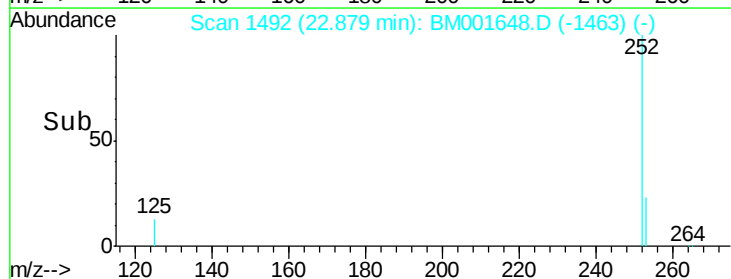
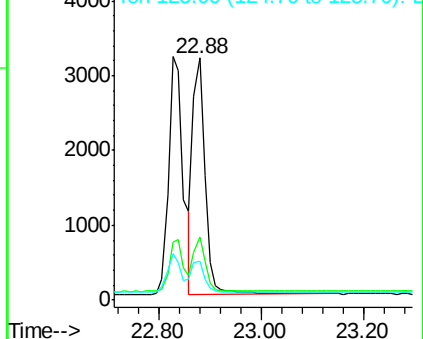
125 16.2 12.2 18.4

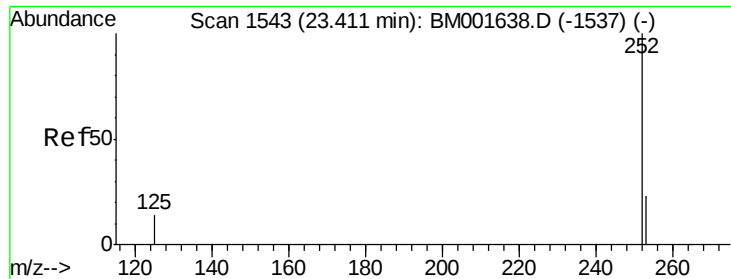


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.41 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.491

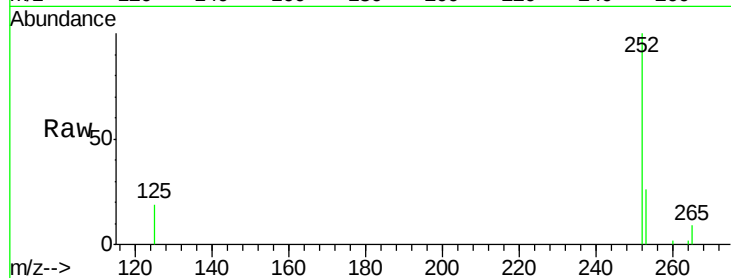
Tgt Ion:252 Resp: 5262

Ion Ratio Lower Upper

252 100

253 26.1 21.8 32.8

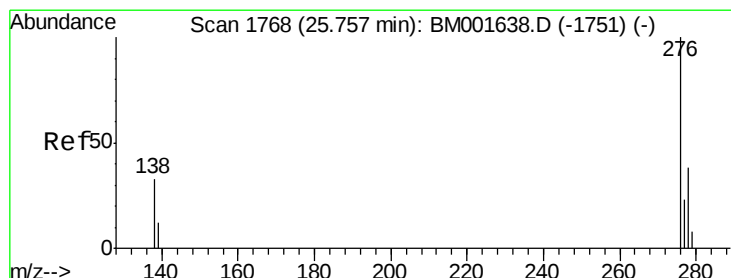
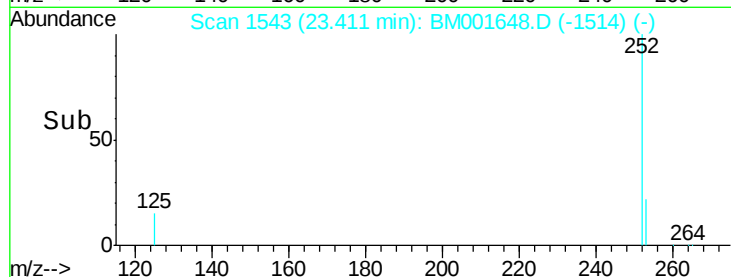
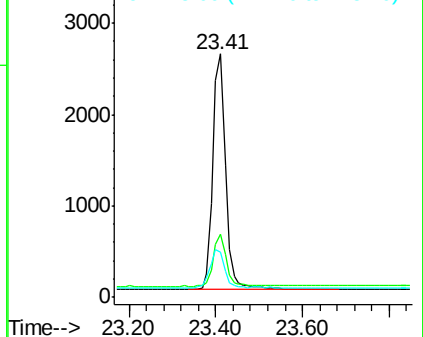
125 18.7 14.5 21.7



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: 0.35 ng/ul

RT: 25.77 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BM001648.D

Acq: 11 Jun 2015 16:26

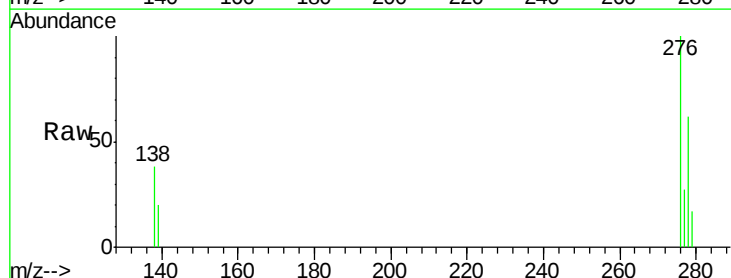
Tgt Ion:276 Resp: 5282

Ion Ratio Lower Upper

276 100

138 36.3 27.5 41.3

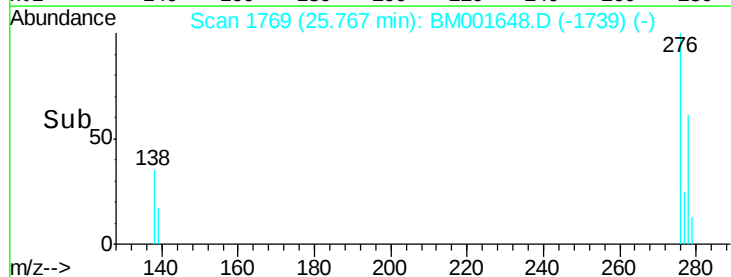
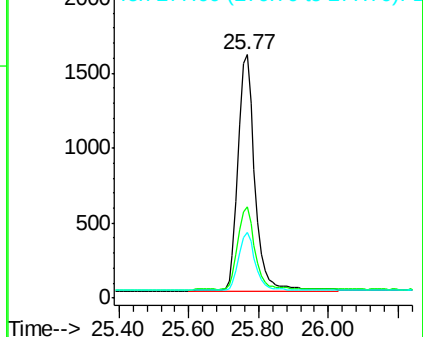
277 24.7 19.3 28.9

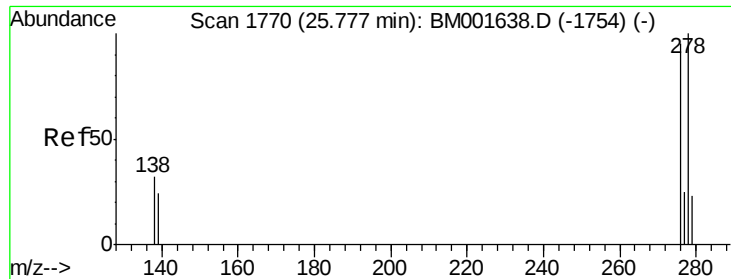


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



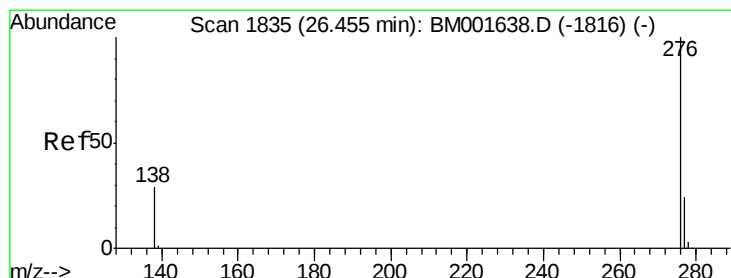
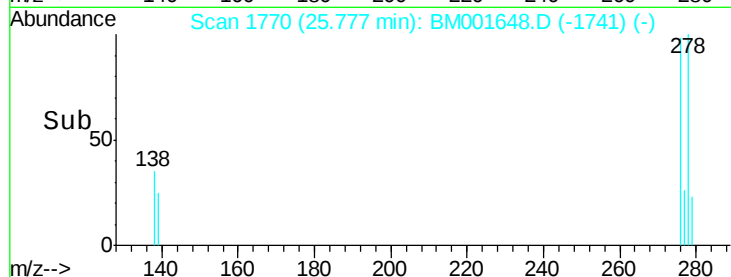
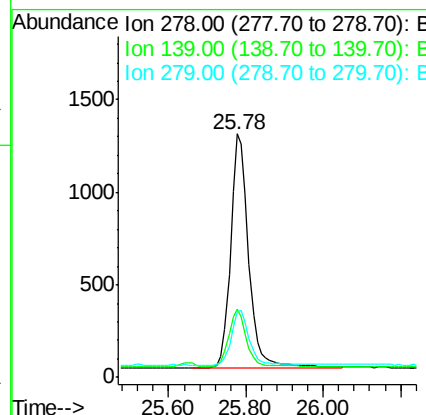
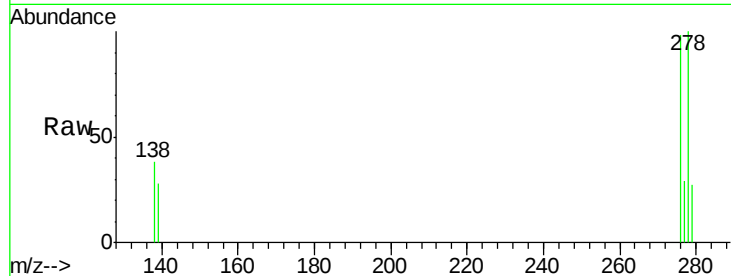


#27
Dibenzo(a,h)anthracene
Concen: 0.34 ng/ul
RT: 25.78 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM001648.D
Acq: 11 Jun 2015 16:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.491

Tgt Ion: 278 Resp: 4135

Ion	Ratio	Lower	Upper
278	100		
139	28.0	21.7	32.5
279	27.1	21.9	32.9



#28
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul
RT: 26.45 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BM001648.D
Acq: 11 Jun 2015 16:26

Tgt Ion: 276 Resp: 4759

Ion	Ratio	Lower	Upper
276	100		
277	25.7	21.3	31.9
138	32.2	25.5	38.3

