

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001730.D
 Acq On : 17 Jun 2015 22:27
 Operator : TP/IZ
 Sample : SSTD3.209
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.209

Quant Time: Jun 18 04:24:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:21:50 2015
 Response via : Initial Calibration

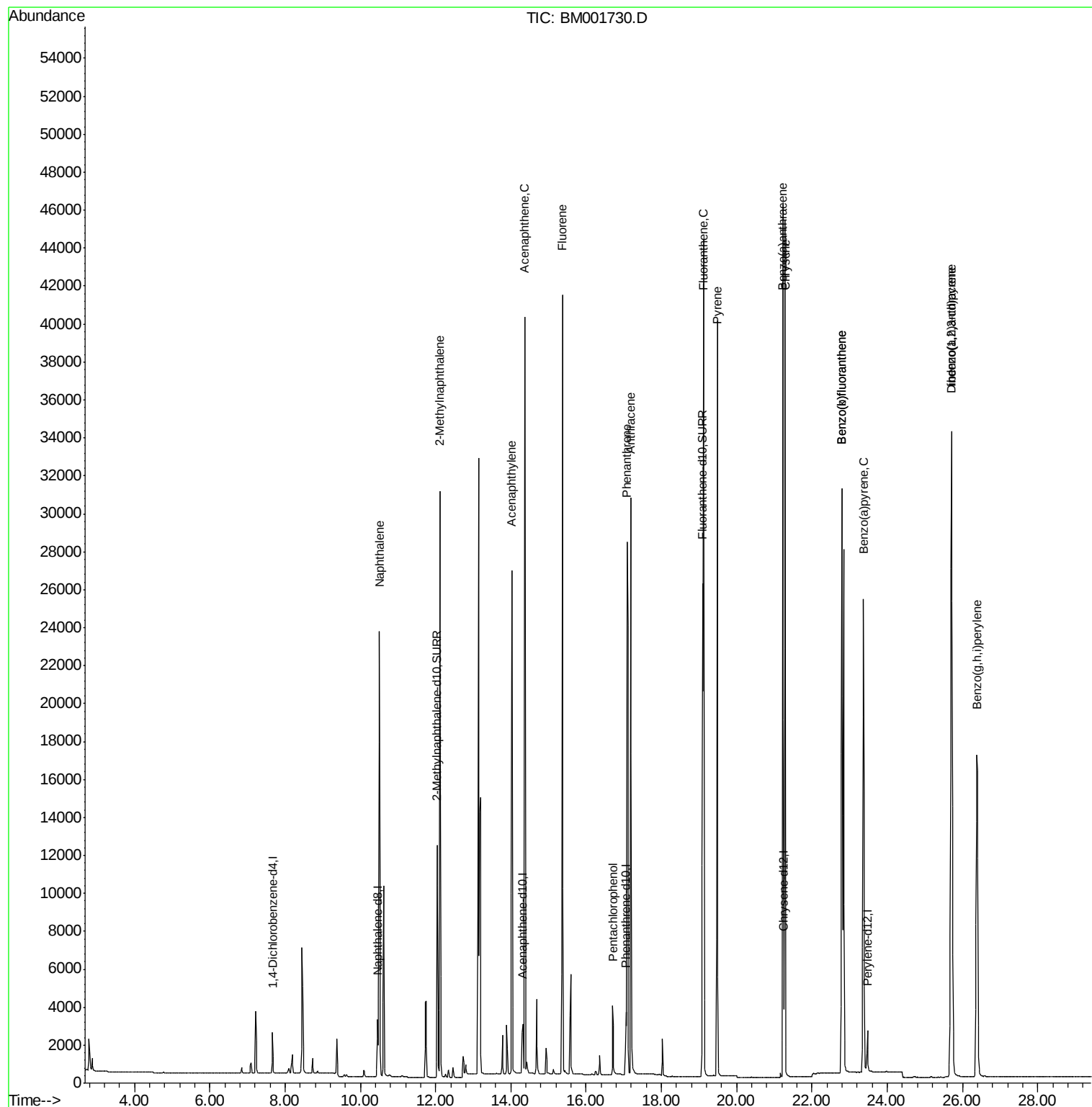
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1082	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	3964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3849	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3584	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	2944	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	15676	3.13	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	27803	3.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	33162	3.29	ng/ul	96
5) 2-Methylnaphthalene	12.12	142	21550	3.26	ng/ul	100
7) Acenaphthylene	14.03	152	31429	3.64	ng/ul	96
8) Acenaphthene	14.37	153	22559	3.34	ng/ul	99
9) Fluorene	15.37	166	25575	3.39	ng/ul	97
11) Pentachlorophenol	16.70	266	3034	3.61	ng/ul	100
12) Phenanthrene	17.09	178	38069	3.44	ng/ul#	90
13) Anthracene	17.18	178	36512	3.59	ng/ul	96
15) Fluoranthene	19.12	202	42625	3.50	ng/ul	87
17) Pyrene	19.49	202	42975	3.06	ng/ul	97
18) Benzo(a)anthracene	21.23	228	37192	3.34	ng/ul	97
19) Chrysene	21.28	228	38031	3.06	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	36387	3.39	ng/ul	94
22) Benzo(k)fluoranthene	22.80	252	36387	3.33	ng/ul	92
23) Benzo(a)pyrene	23.37	252	33725	3.31	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.70	276	38612	3.43	ng/ul	99
25) Dibenzo(a,h)anthracene	25.71	278	31425	3.49	ng/ul	94
26) Benzo(g,h,i)perylene	26.38	276	32899	3.29	ng/ul	97

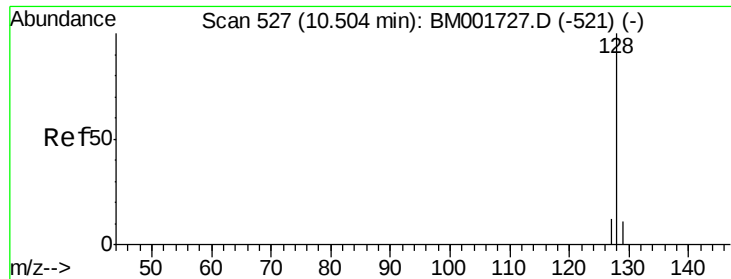
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.29 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_M

ClientSampleId :

SSTD3.209

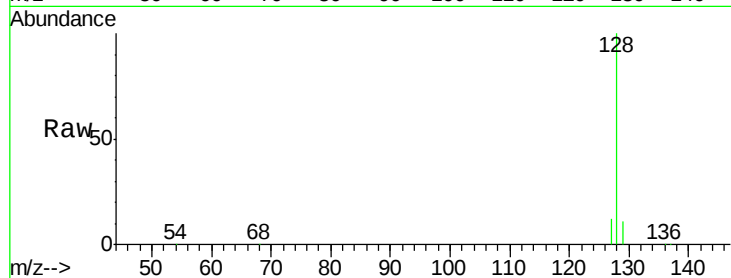
Tgt Ion:128 Resp: 33162

Ion Ratio Lower Upper

128 100

129 11.2 10.3 15.5

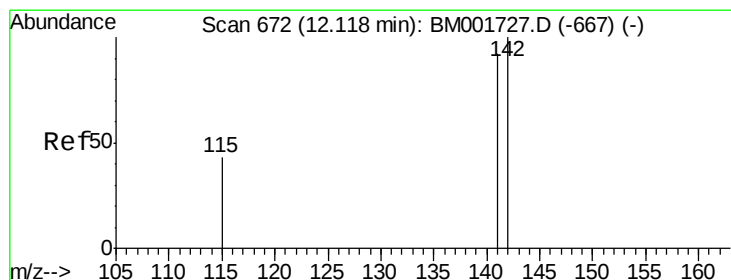
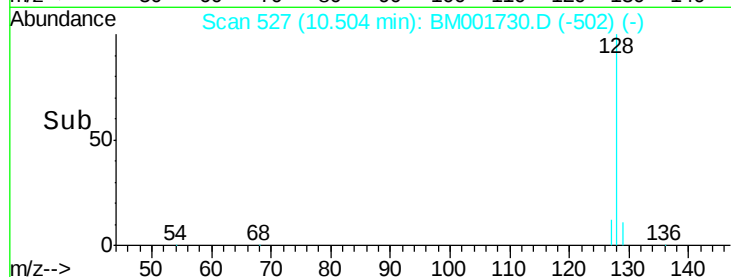
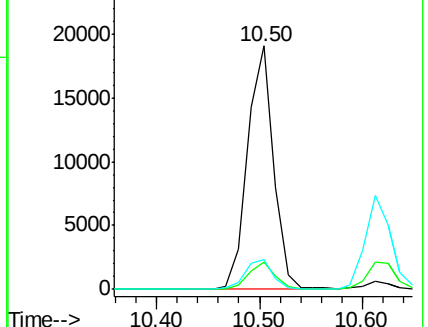
127 12.4 11.3 16.9



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: 3.26 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001730.D

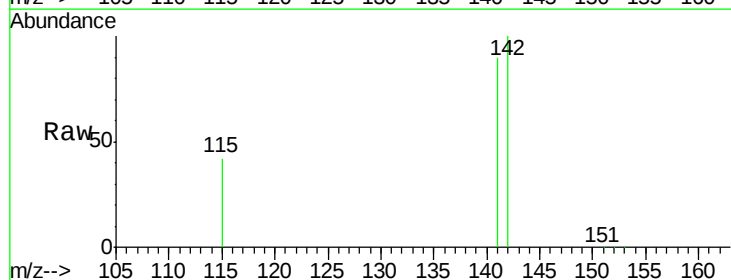
Acq: 17 Jun 2015 22:27

Tgt Ion:142 Resp: 21550

Ion Ratio Lower Upper

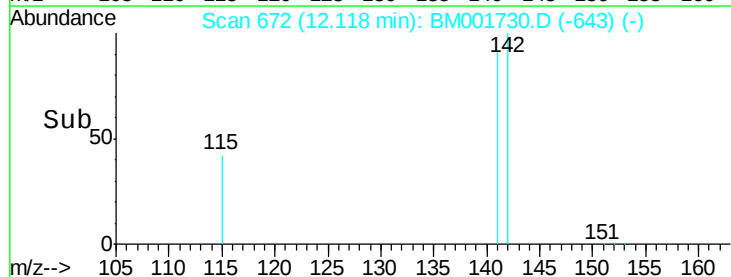
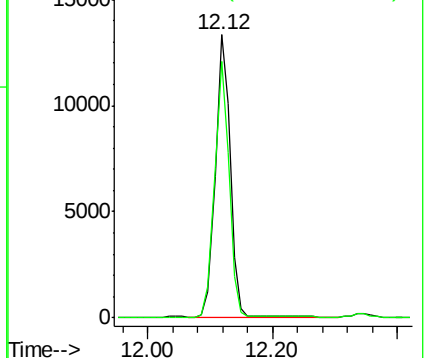
142 100

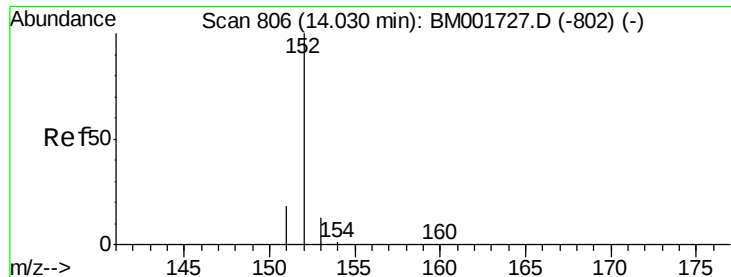
141 88.7 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.64 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_M

ClientSampleId :

SSTD3.209

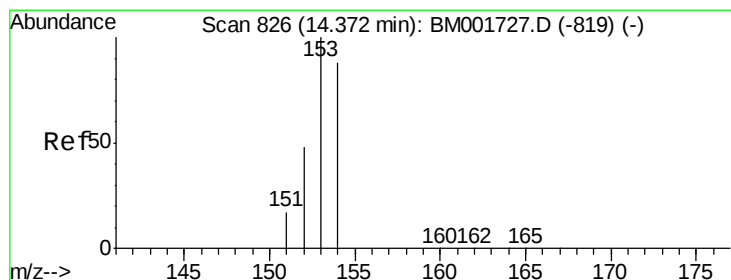
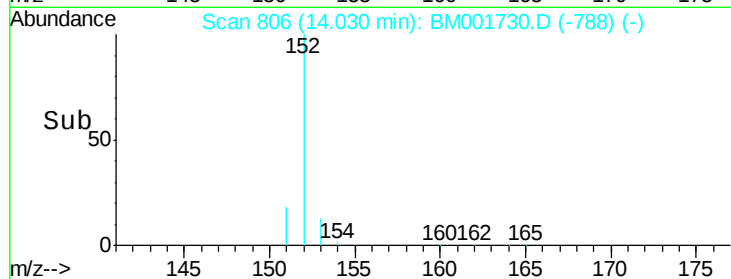
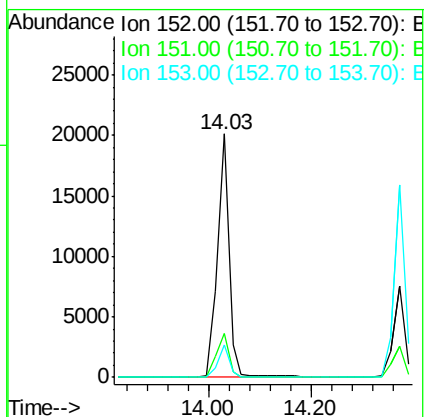
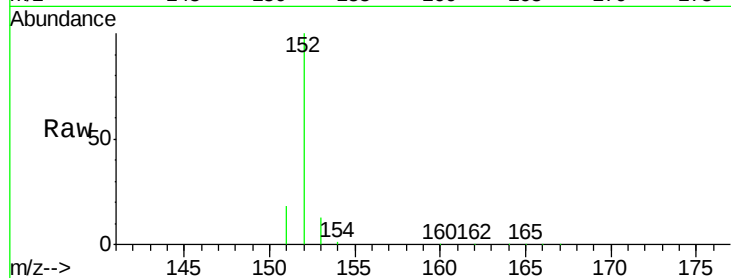
Tgt Ion:152 Resp: 31429

Ion Ratio Lower Upper

152 100

151 18.2 16.2 24.4

153 13.3 12.2 18.2



#8

Acenaphthene

Concen: 3.34 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

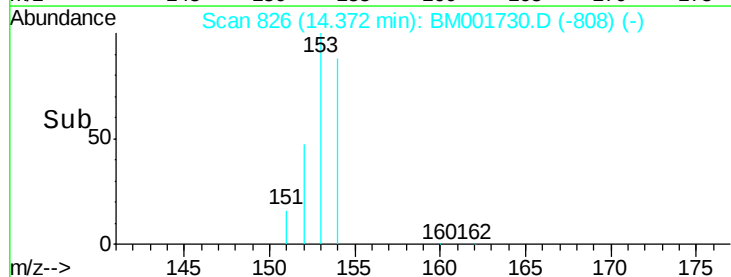
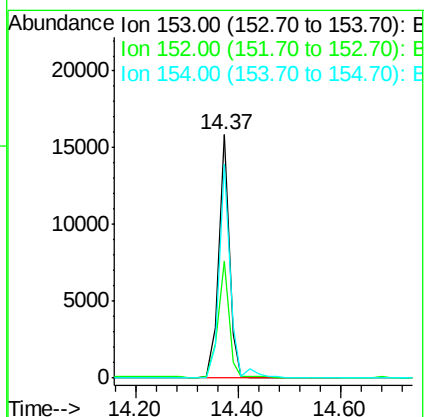
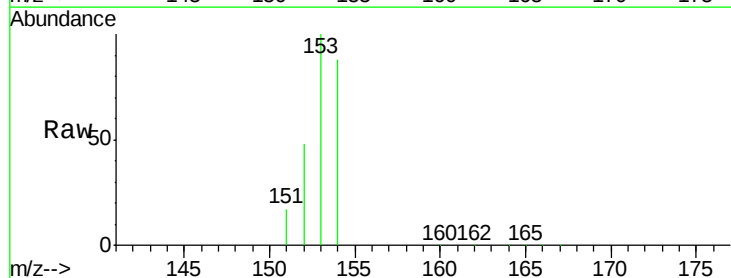
Tgt Ion:153 Resp: 22559

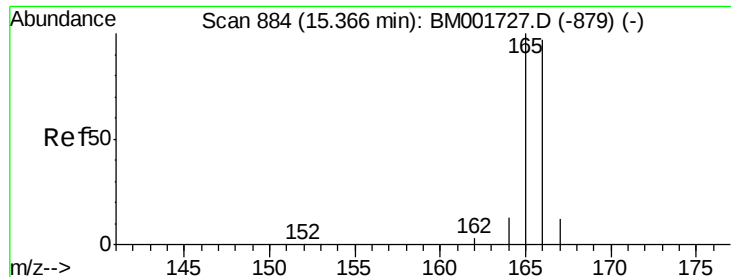
Ion Ratio Lower Upper

153 100

152 47.9 39.6 59.4

154 88.2 70.7 106.1

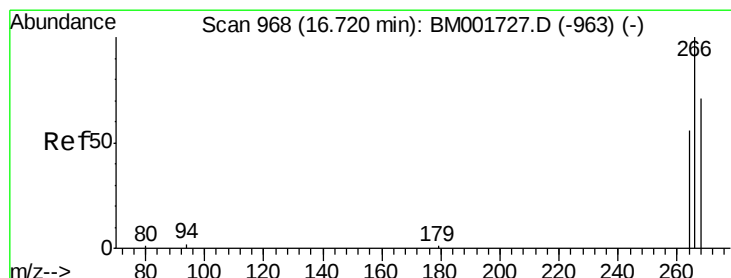
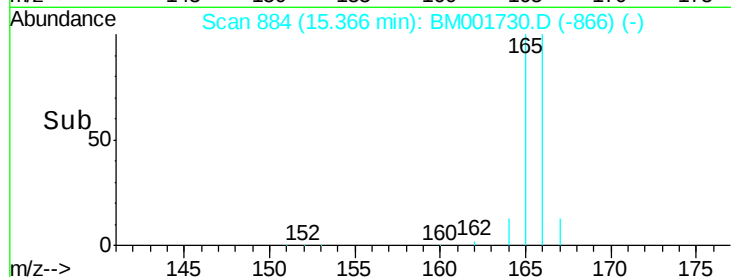
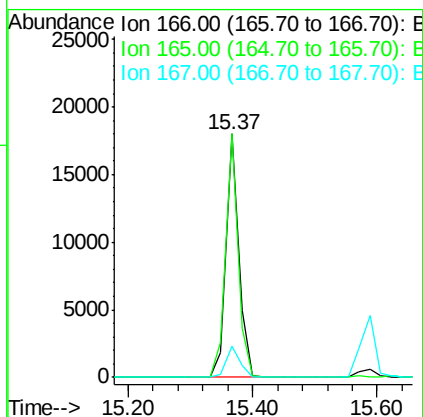
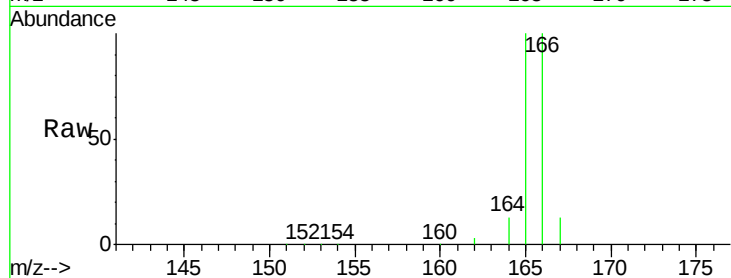




#9
Fluorene
 Concen: 3.39 ng/ul
 RT: 15.37 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BM001730.D
 Acq: 17 Jun 2015 22:27

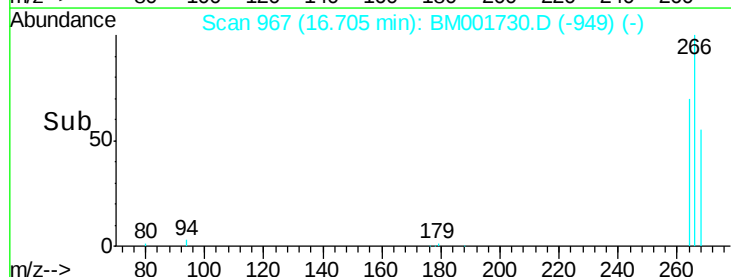
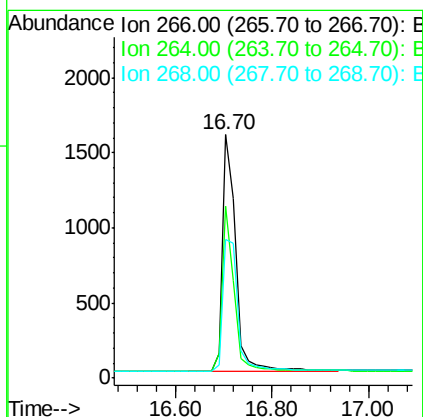
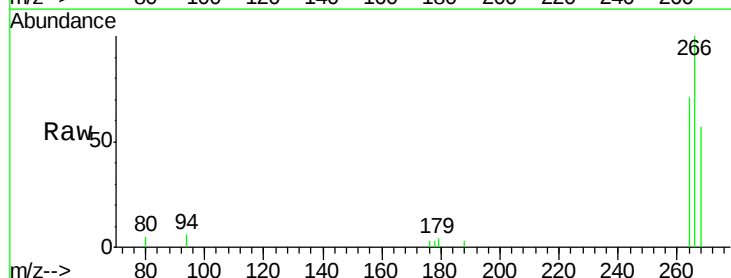
Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.209

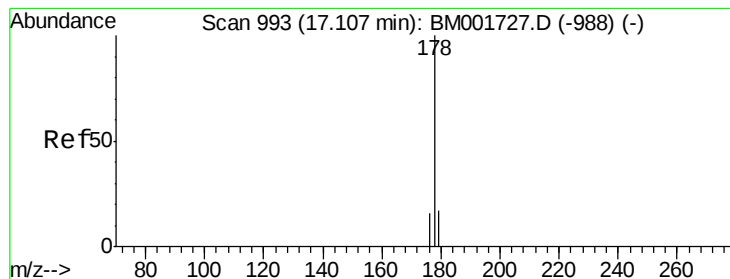
Tgt Ion:166 Resp: 25575
 Ion Ratio Lower Upper
 166 100
 165 99.8 82.2 123.4
 167 12.8 11.9 17.9



#11
Pentachlorophenol
 Concen: 3.61 ng/ul
 RT: 16.70 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BM001730.D
 Acq: 17 Jun 2015 22:27

Tgt Ion:266 Resp: 3034
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.7 76.1
 268 63.0 50.5 75.7





#12

Phenanthrene

Concen: 3.44 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_M

ClientSampleId :

SSTD3.209

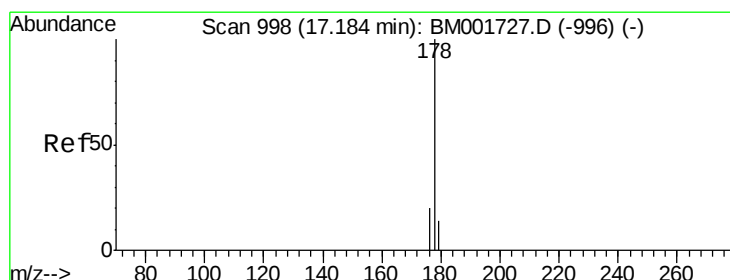
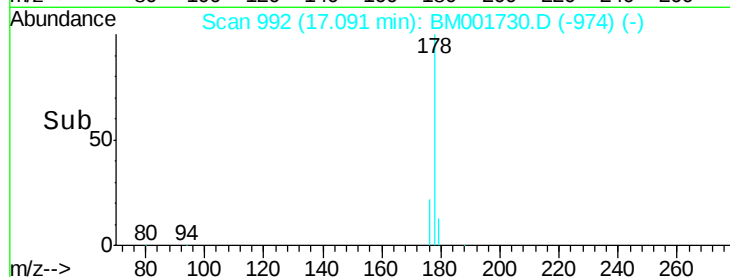
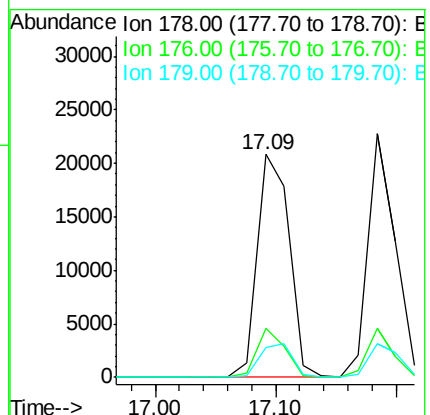
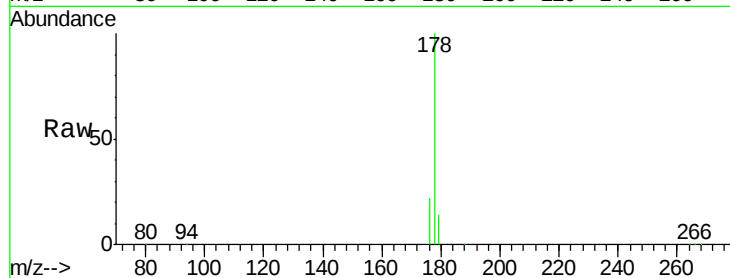
Tgt Ion:178 Resp: 38069

Ion Ratio Lower Upper

178 100

176 21.7 14.6 21.8

179 13.6 15.0 22.6#



#13

Anthracene

Concen: 3.59 ng/ul

RT: 17.18 min Scan# 998

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

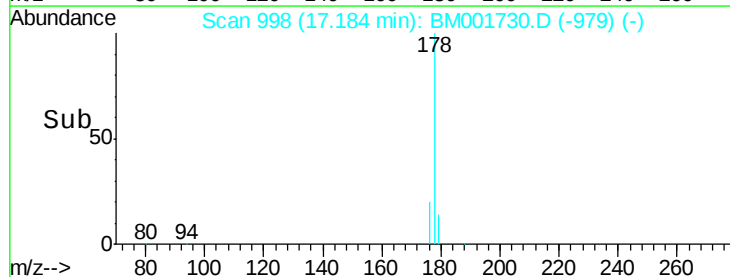
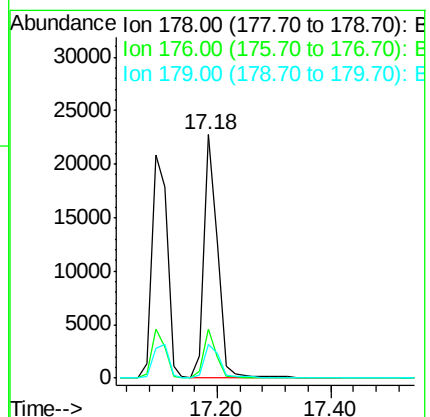
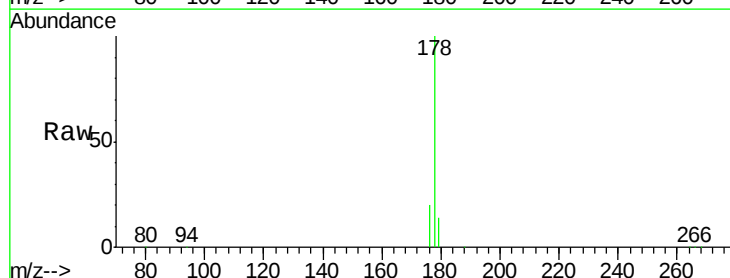
Tgt Ion:178 Resp: 36512

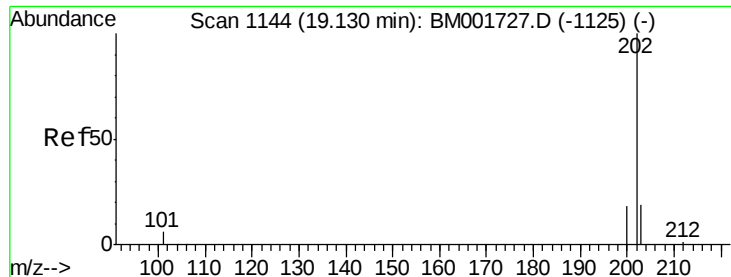
Ion Ratio Lower Upper

178 100

176 20.2 17.8 26.8

179 14.0 12.6 18.8





#15

Fluoranthene

Concen: 3.50 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

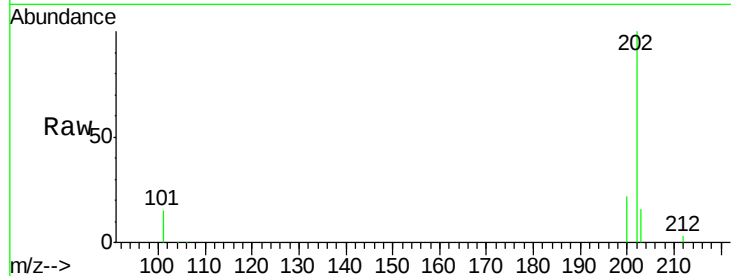
BNA_M

ClientSampleId :

SSTD3.209

Tgt Ion:202 Resp: 42625

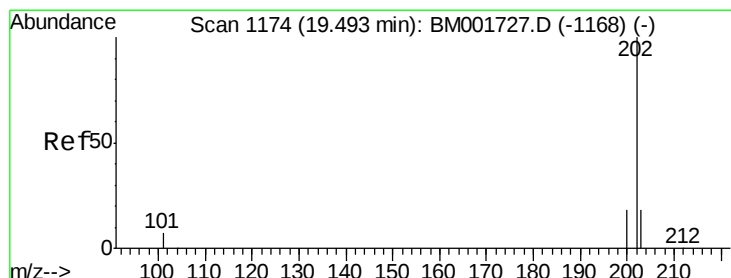
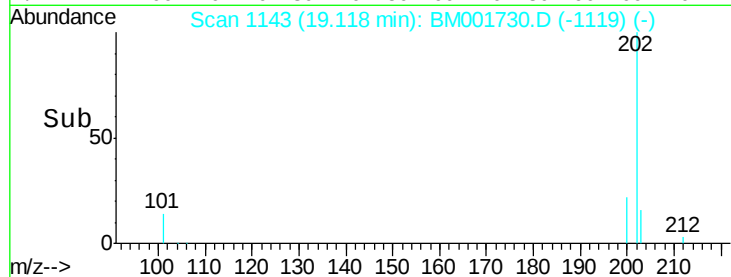
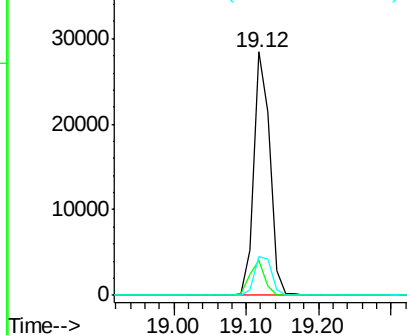
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	27.5
203	15.8	0.7	40.7



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: 3.06 ng/ul

RT: 19.49 min Scan# 1174

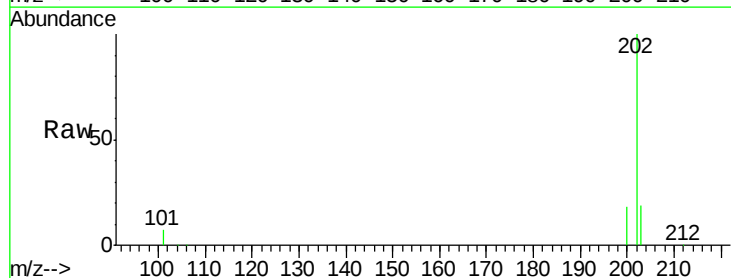
Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Tgt Ion:202 Resp: 42975

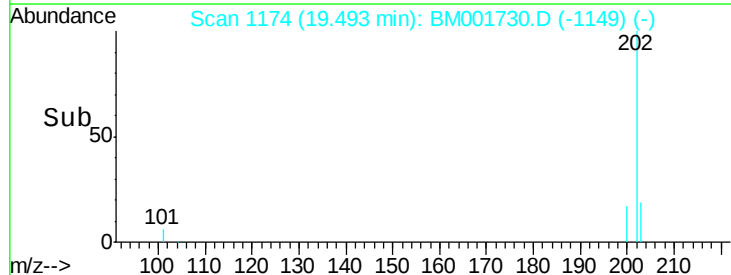
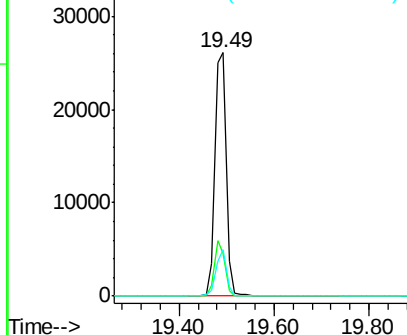
Ion	Ratio	Lower	Upper
202	100		
200	17.6	15.7	23.5
203	19.3	15.8	23.8

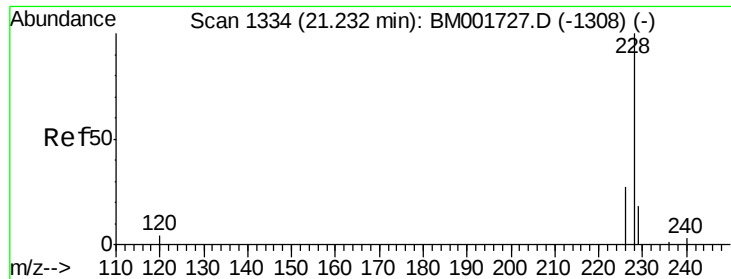


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 3.34 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

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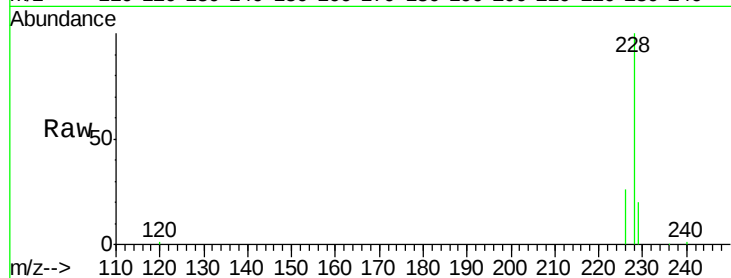
Tgt Ion:228 Resp: 37192

Ion Ratio Lower Upper

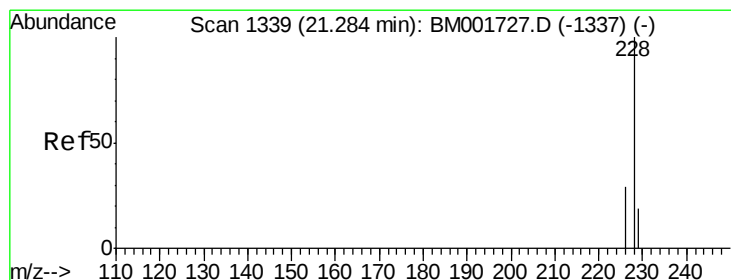
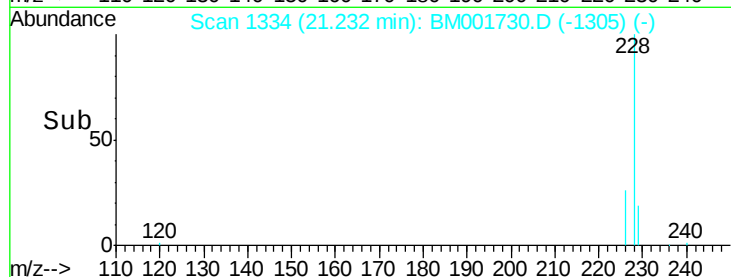
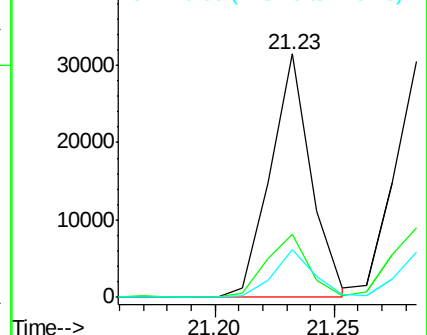
228 100

226 25.8 22.3 33.5

229 19.6 15.8 23.8



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: 3.06 ng/ul

RT: 21.28 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

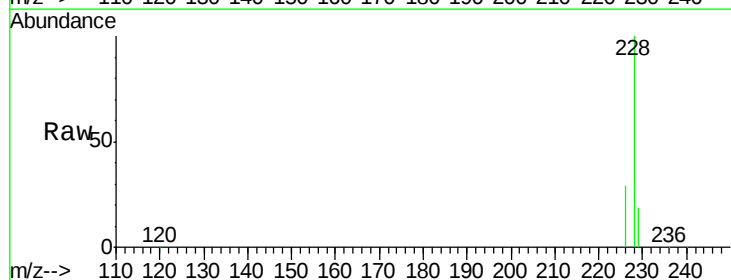
Tgt Ion:228 Resp: 38031

Ion Ratio Lower Upper

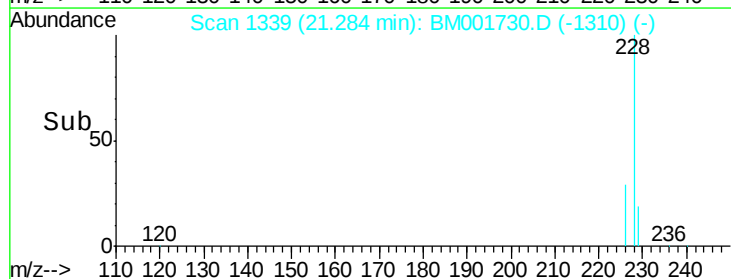
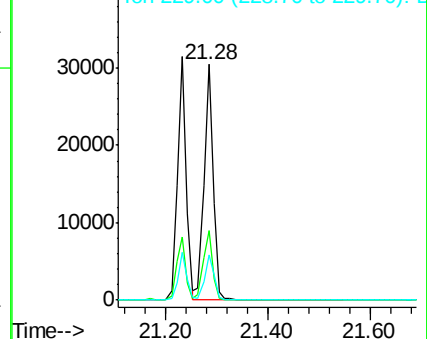
228 100

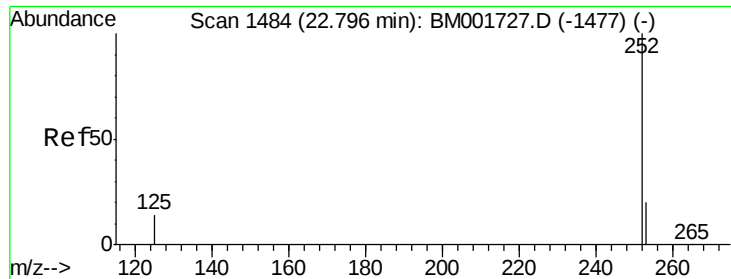
226 29.2 24.8 37.2

229 19.4 16.0 24.0



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: 3.39 ng/u1

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

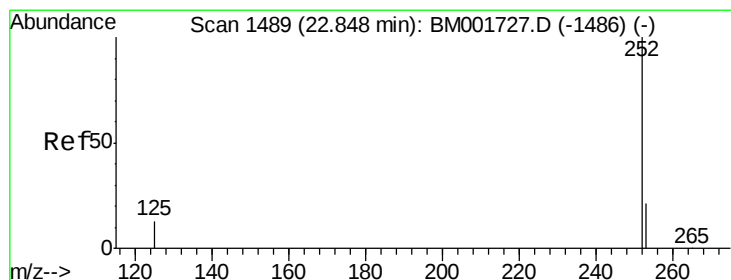
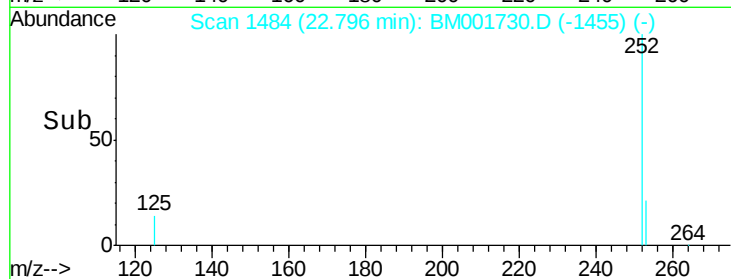
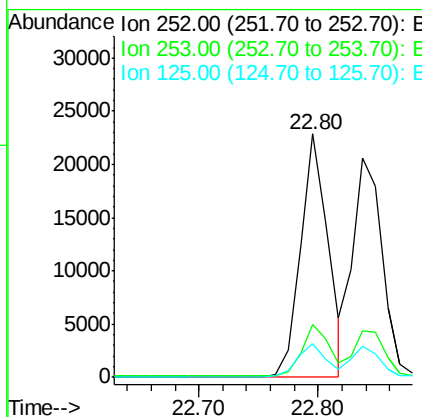
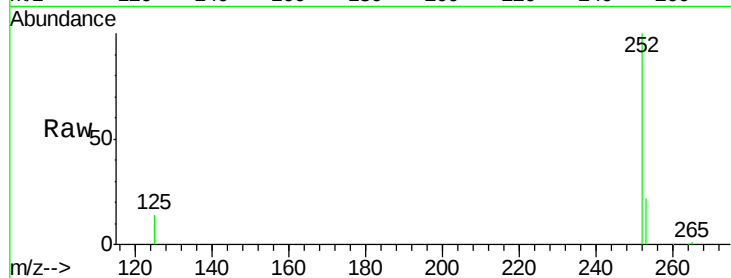
BNA_M

ClientSampleId :

SSTD3.209

Tgt Ion:252 Resp: 36387

Ion	Ratio	Lower	Upper
252	100		
253	21.7	0.0	48.4
125	13.9	0.0	35.2



#22

Benzo(k)fluoranthene

Concen: 3.33 ng/u1

RT: 22.80 min Scan# 1484

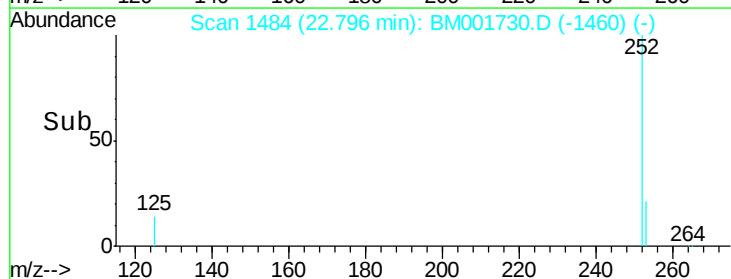
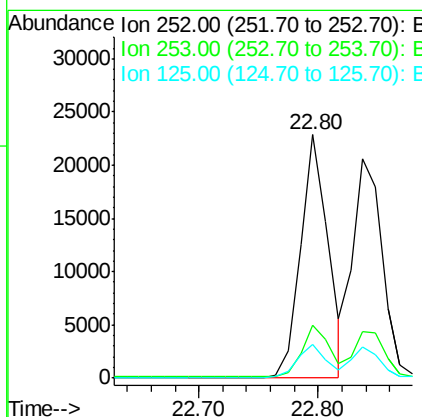
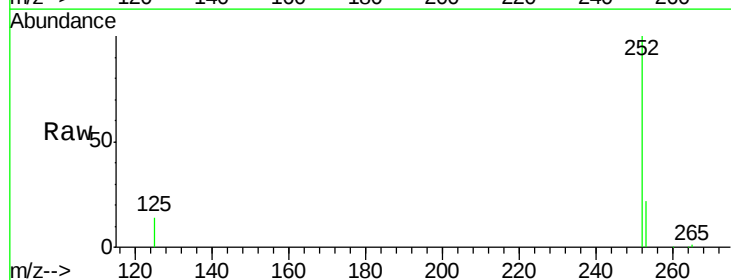
Delta R.T. -0.05 min

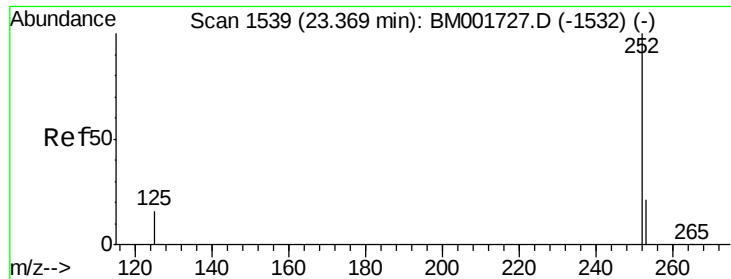
Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Tgt Ion:252 Resp: 36387

Ion	Ratio	Lower	Upper
252	100		
253	21.7	21.2	31.8
125	13.9	12.7	19.1





#23

Benzo(a)pyrene

Concen: 3.31 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_M

ClientSampleId :

SSTD3.209

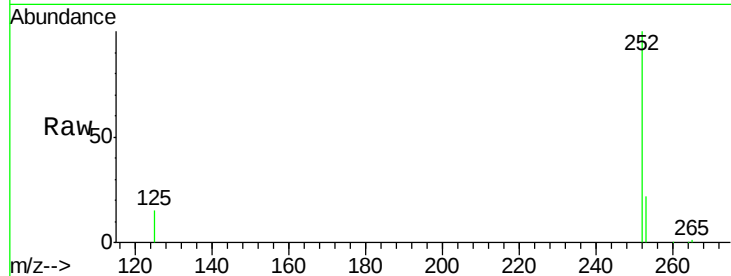
Tgt Ion:252 Resp: 33725

Ion Ratio Lower Upper

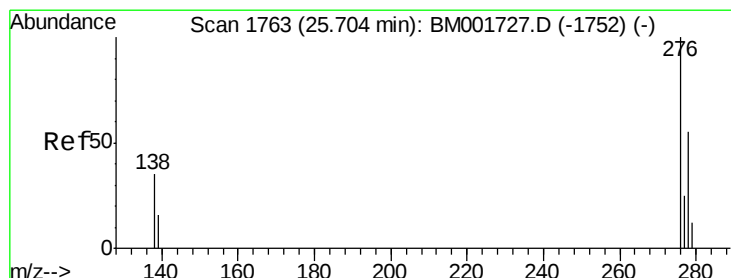
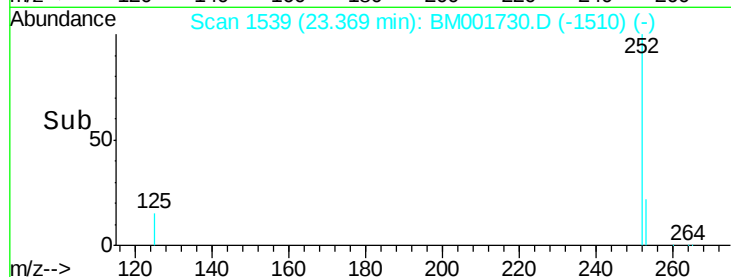
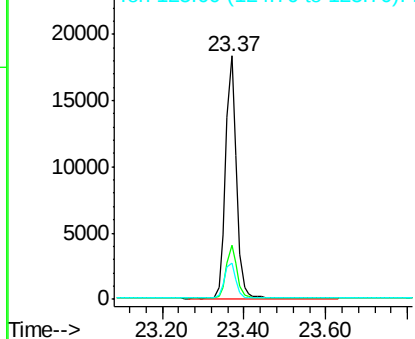
252 100

253 22.2 21.1 31.7

125 15.1 15.6 23.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.43 ng/ul

RT: 25.70 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

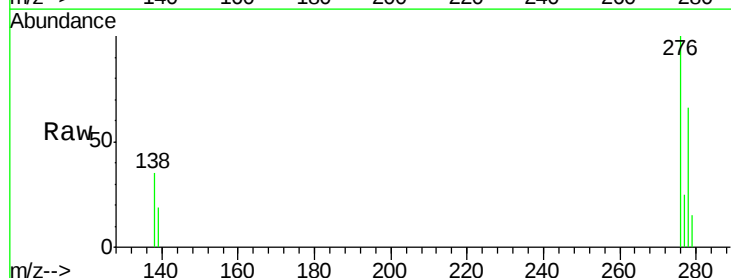
Tgt Ion:276 Resp: 38612

Ion Ratio Lower Upper

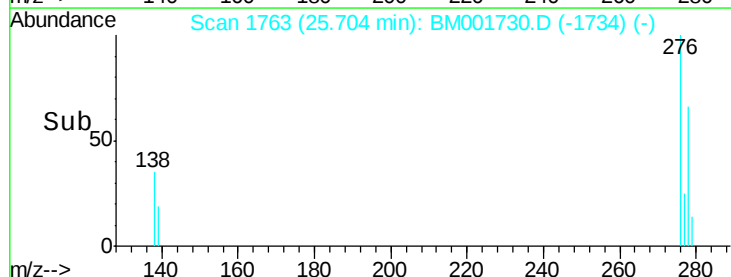
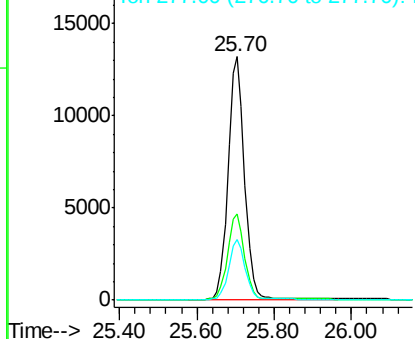
276 100

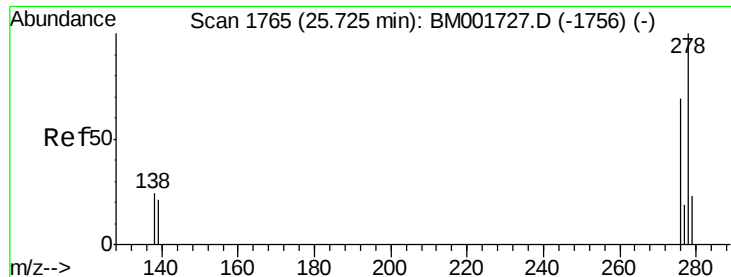
138 35.8 28.2 42.2

277 24.7 20.2 30.2



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: 3.49 ng/ul

RT: 25.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

Instrument :

BNA_M

ClientSampleId :

SSTD3.209

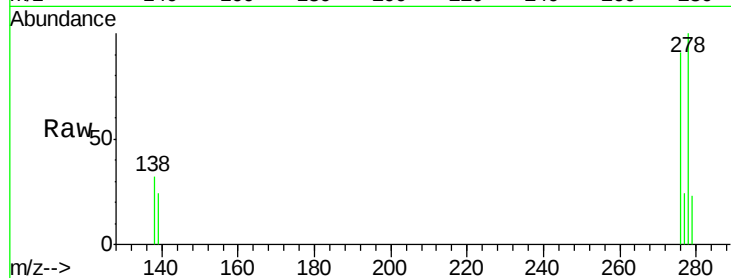
Tgt Ion:278 Resp: 31425

Ion Ratio Lower Upper

278 100

139 24.0 20.1 30.1

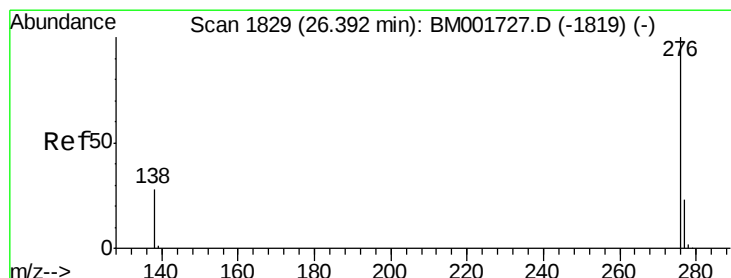
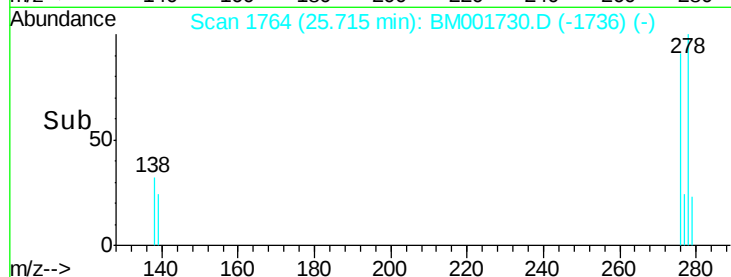
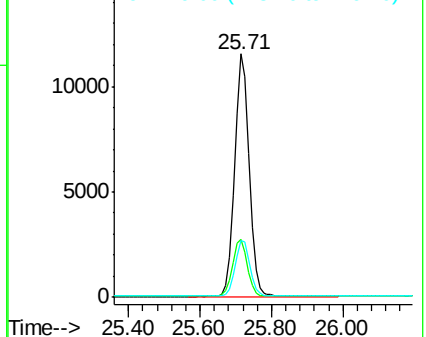
279 23.1 22.6 33.8



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: 3.29 ng/ul

RT: 26.38 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM001730.D

Acq: 17 Jun 2015 22:27

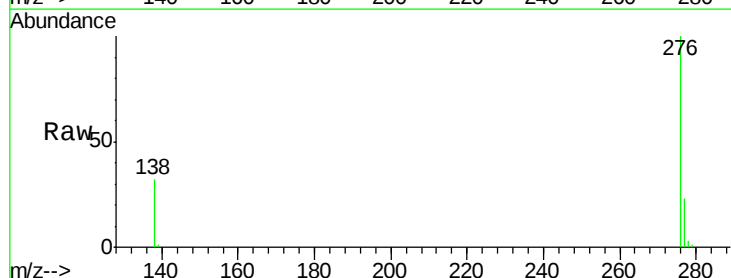
Tgt Ion:276 Resp: 32899

Ion Ratio Lower Upper

276 100

277 23.3 21.1 31.7

138 31.6 25.3 37.9



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

