

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
 Data File : BM002753.D
 Acq On : 29 Sep 2015 02:59
 Operator : UM/IZ
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.489

Quant Time: Sep 29 04:42:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 02:52:19 2015
 Response via : Initial Calibration

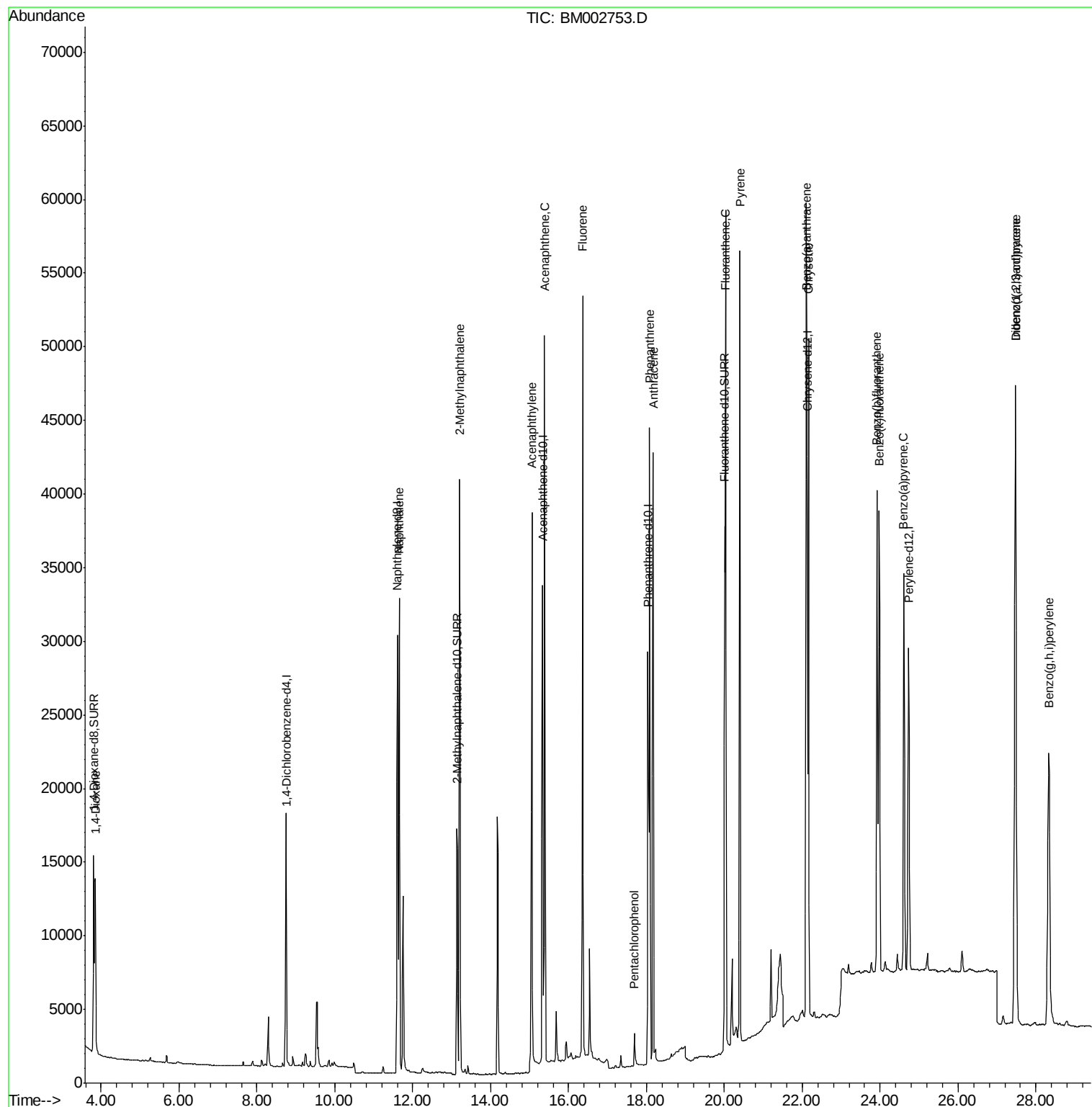
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	11455	0.40	ng/ul	0.02
4) Naphthalene-d8	11.60	136	43769	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	20105	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	39642	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	35965	0.40	ng/ul	0.00
22) Perylene-d12	24.73	264	33743	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.80	96	11099	0.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	23109	0.36	ng/ul	0.00
16) Fluoranthene-d10	20.01	212	39833	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.85	88	12986	0.95	ng/ul	98
5) Naphthalene	11.65	128	46059	0.39	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	29844	0.39	ng/ul	99
9) Acenaphthylene	15.06	152	41374	0.40	ng/ul	96
10) Acenaphthene	15.38	153	30741	0.41	ng/ul	95
11) Fluorene	16.36	166	34403	0.40	ng/ul	90
13) Pentachlorophenol	17.69	266	2282	0.29	ng/ul	95
14) Phenanthrene	18.08	178	48194	0.37	ng/ul	97
15) Anthracene	18.17	178	49076	0.41	ng/ul	97
17) Fluoranthene	20.03	202	54320	0.39	ng/ul	97
19) Pyrene	20.40	202	55529	0.40	ng/ul	93
20) Benzo(a)anthracene	22.10	228	48543	0.40	ng/ul	95
21) Chrysene	22.16	228	46049	0.40	ng/ul	98
23) Benzo(b)fluoranthene	23.92	252	50274	0.41	ng/ul	96
24) Benzo(k)fluoranthene	23.97	252	42114	0.37	ng/ul#	94
25) Benzo(a)pyrene	24.61	252	45320	0.40	ng/ul#	92
26) Indeno(1,2,3-cd)pyrene	27.47	276	51116	0.41	ng/ul	98
27) Dibenzo(a,h)anthracene	27.47	278	42122	0.41	ng/ul	98
28) Benzo(g,h,i)perylene	28.33	276	43450	0.41	ng/ul	97

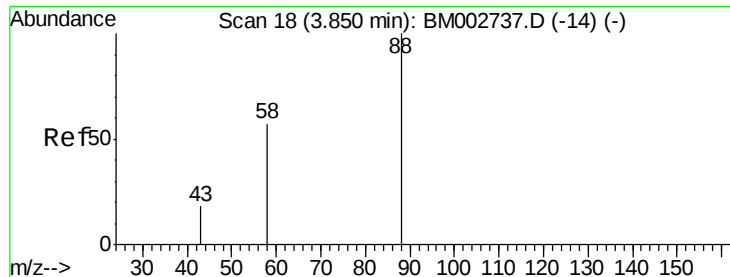
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092815\
Data File : BM002753.D
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#3

1,4-Dioxane

Concen: 0.95 ng/ul

RT: 3.85 min Scan# 18

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

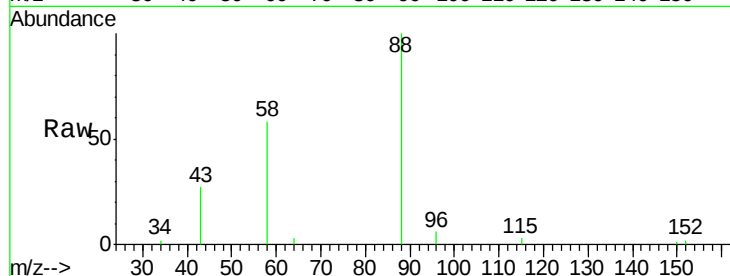
Tot Ion: 88 Resp: 12986

Ion Ratio Lower Upper

88 100

58 71.3 55.4 83.2

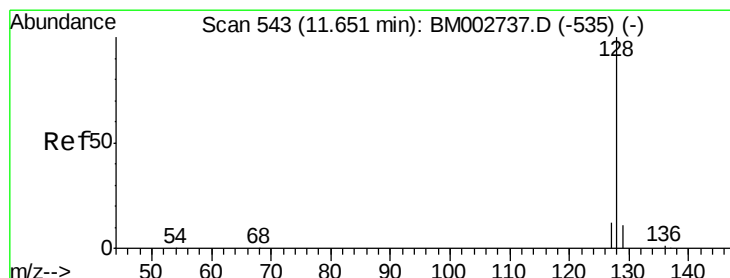
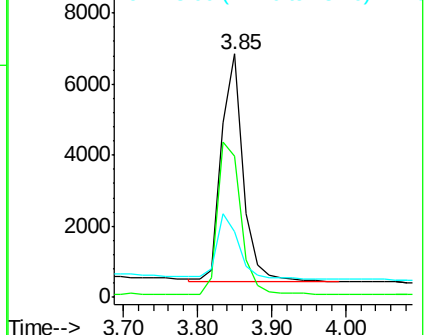
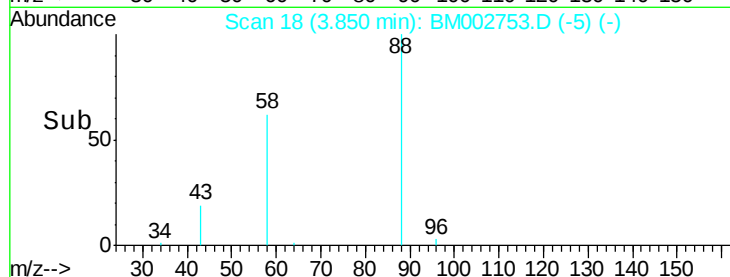
43 29.8 24.2 36.2



Abundance Ion 88.00 (87.70 to 88.70): BM002753.D (-5) (-)

Ion 58.00 (57.70 to 58.70): BM002753.D (-5) (-)

Ion 43.00 (42.70 to 43.70): BM002753.D (-5) (-)



#5

Naphthalene

Concen: 0.39 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

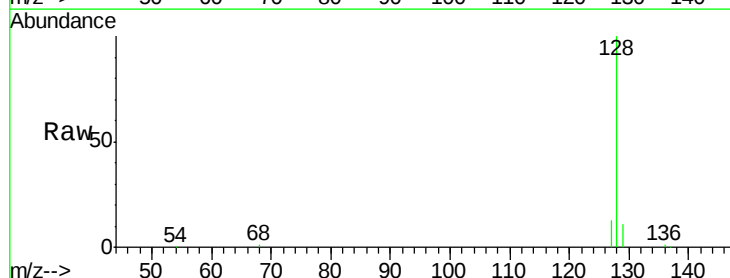
Tgt Ion: 128 Resp: 46059

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

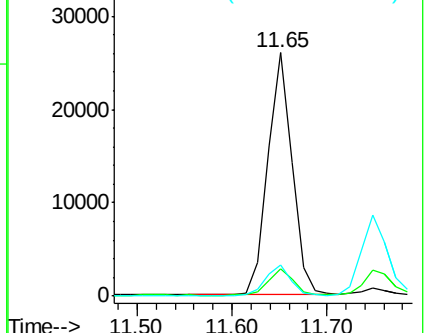
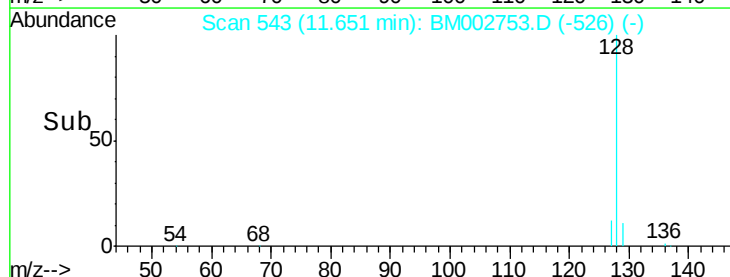
127 12.7 10.7 16.1

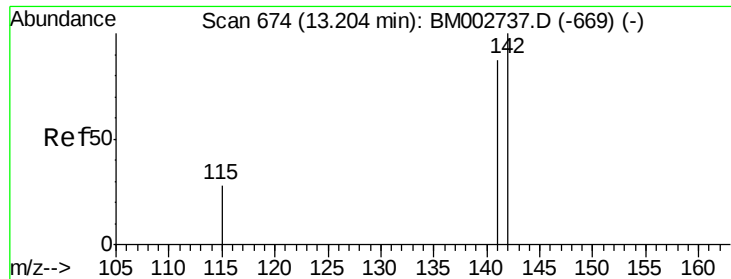


Abundance Ion 128.00 (127.70 to 128.70): BM002753.D (-526) (-)

Ion 129.00 (128.70 to 129.70): BM002753.D (-526) (-)

Ion 127.00 (126.70 to 127.70): BM002753.D (-526) (-)





#7

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

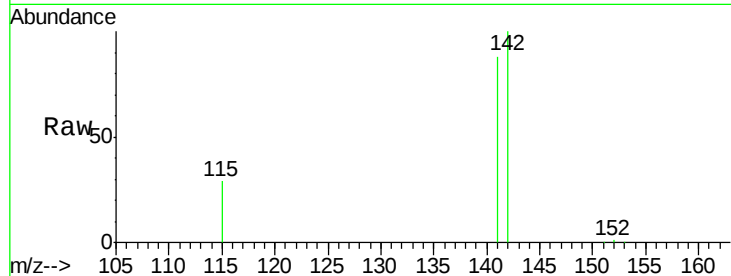
SSTD0.489

Tot Ion:142 Resp: 29844

Ion Ratio Lower Upper

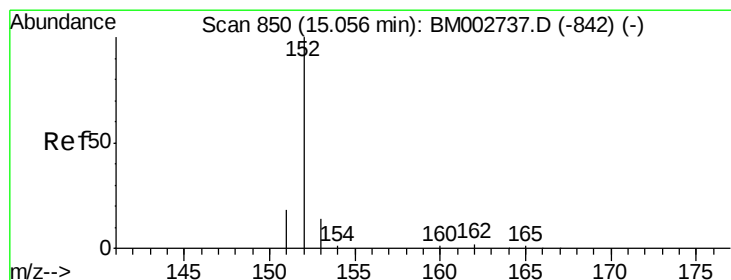
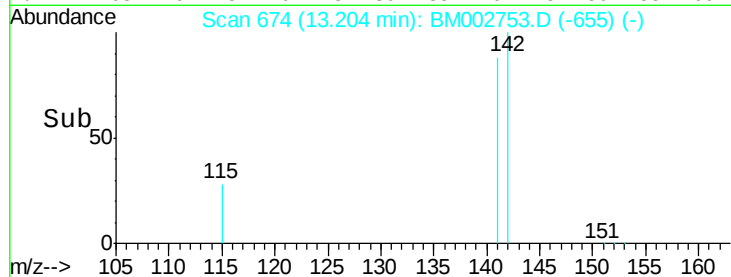
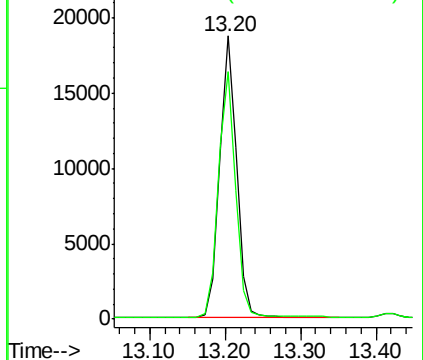
142 100

141 88.5 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: 15.06 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

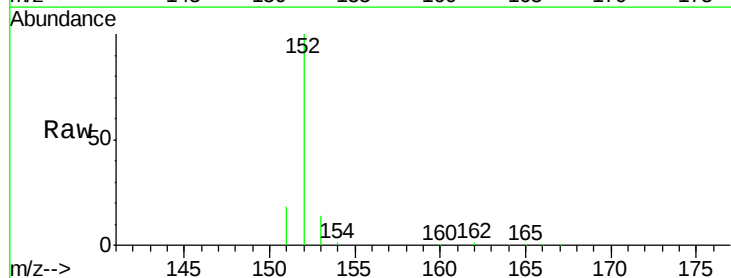
Tgt Ion:152 Resp: 41374

Ion Ratio Lower Upper

152 100

151 18.1 16.8 25.2

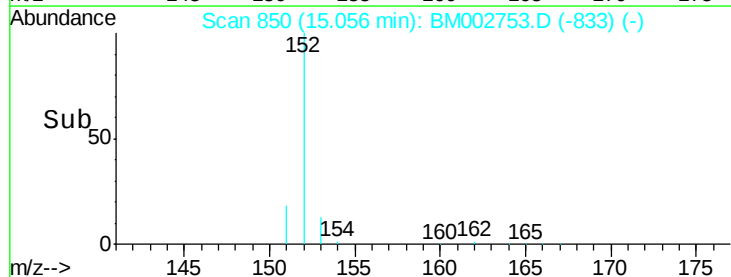
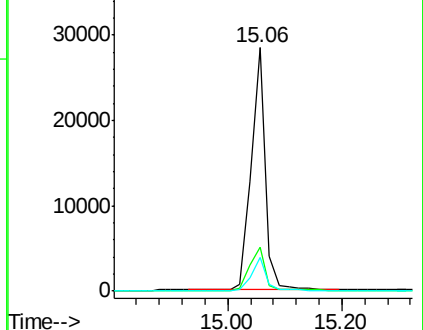
153 13.8 11.3 16.9

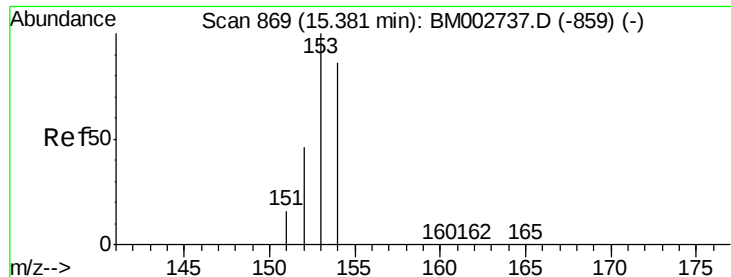


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

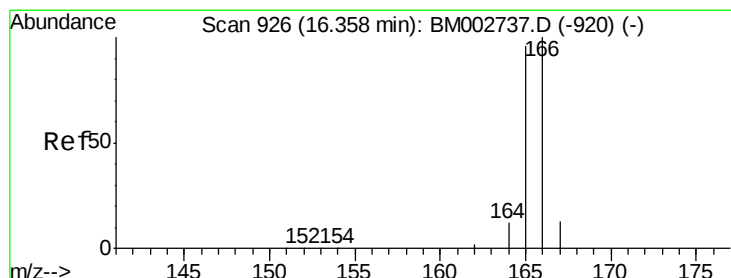
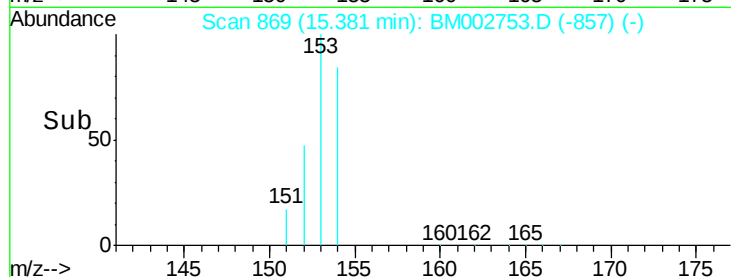
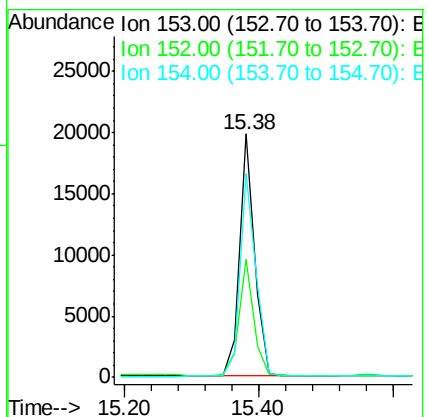
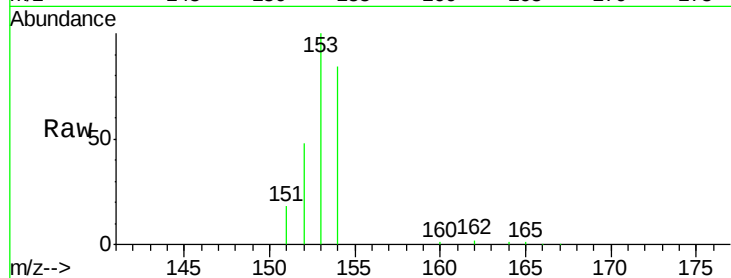
Tot Ion:153 Resp: 30741

Ion Ratio Lower Upper

153 100

152 48.3 42.3 63.5

154 83.9 64.7 97.1



#11

Fluorene

Concen: 0.40 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

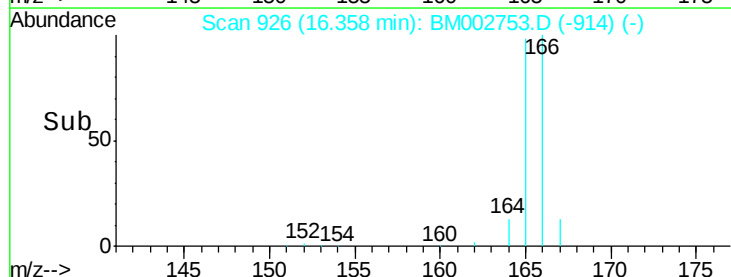
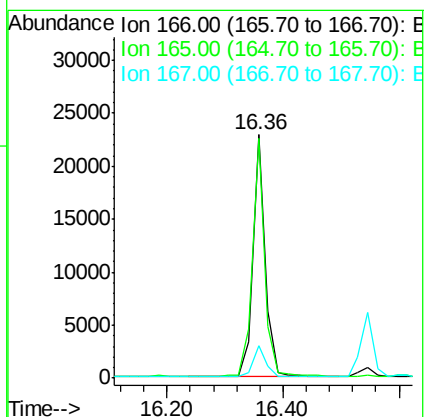
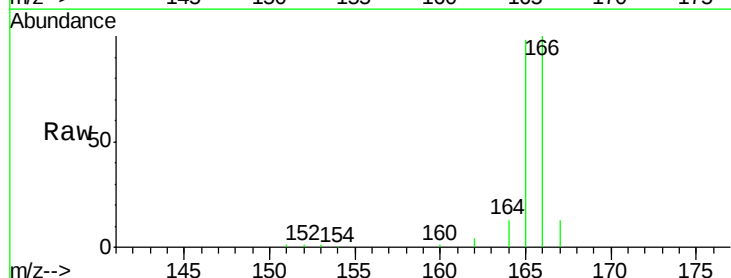
Tgt Ion:166 Resp: 34403

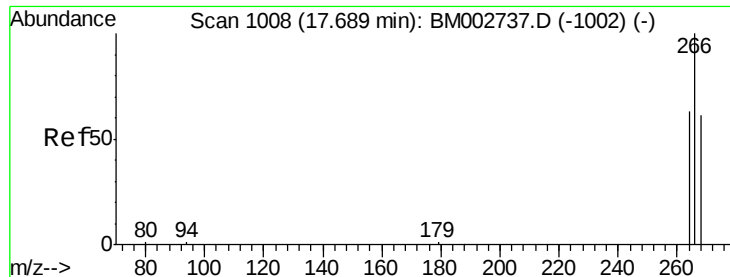
Ion Ratio Lower Upper

166 100

165 98.4 87.6 131.4

167 13.2 11.1 16.7

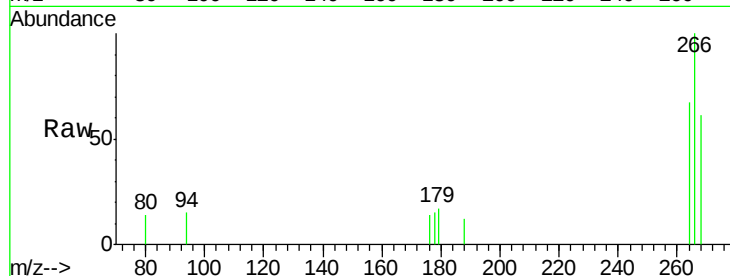




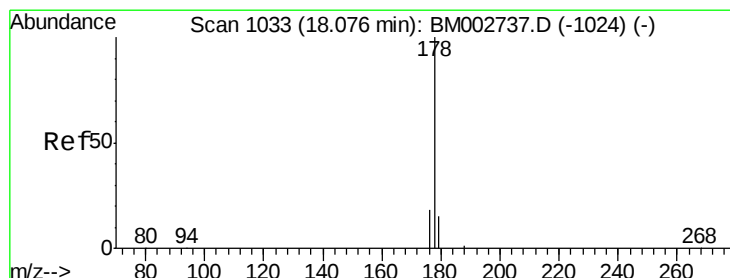
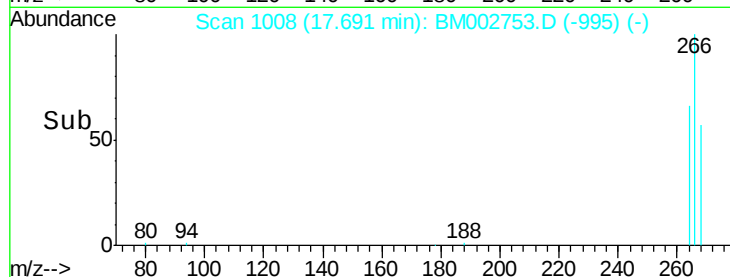
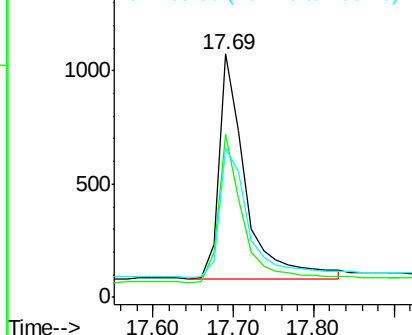
#13
 Pentachlorophenol
 Concen: 0.29 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BM002753.D
 Acq: 29 Sep 2015 02:59

Instrument :
 BNA_M
 ClientSampleId :
 SST0.489

Tot Ion:266 Resp: 2282
 Ion Ratio Lower Upper
 266 100
 264 63.7 53.5 80.3
 268 63.6 54.2 81.2

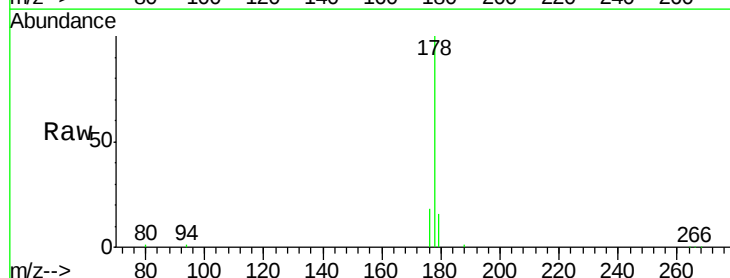


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

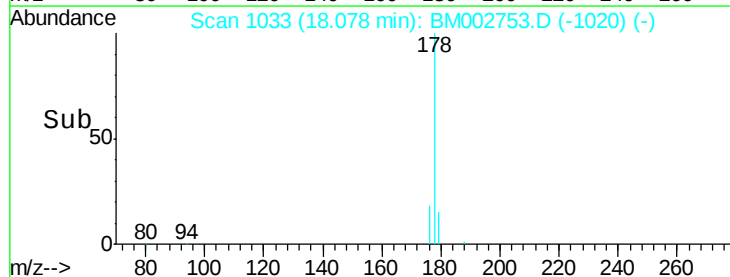
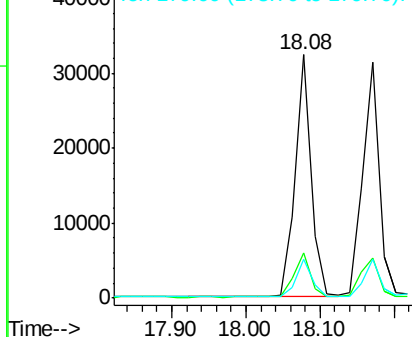


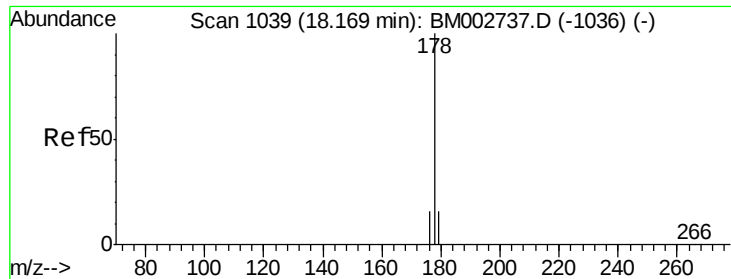
#14
 Phenanthrene
 Concen: 0.37 ng/ul
 RT: 18.08 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM002753.D
 Acq: 29 Sep 2015 02:59

Tgt Ion:178 Resp: 48194
 Ion Ratio Lower Upper
 178 100
 176 18.3 16.2 24.4
 179 15.8 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: 0.41 ng/ul

RT: 18.17 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

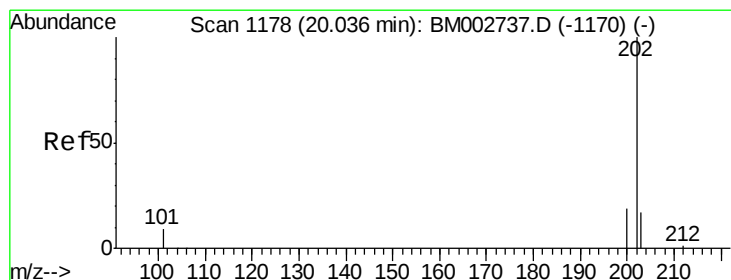
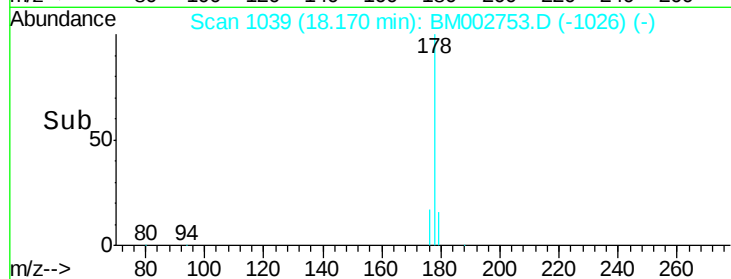
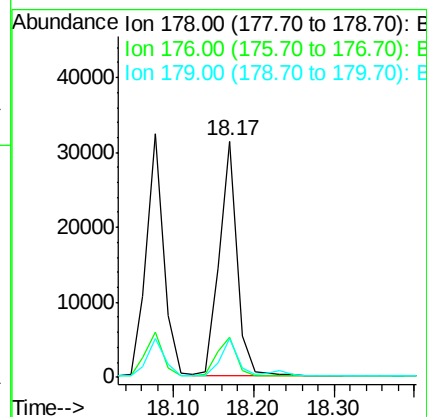
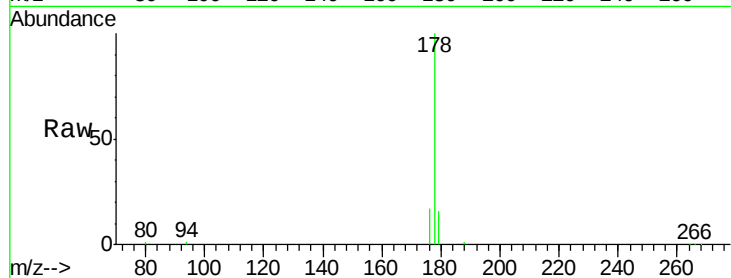
Tot Ion:178 Resp: 49076

Ion Ratio Lower Upper

178 100

176 17.1 15.8 23.8

179 16.4 13.3 19.9



#17

Fluoranthene

Concen: 0.39 ng/ul

RT: 20.03 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

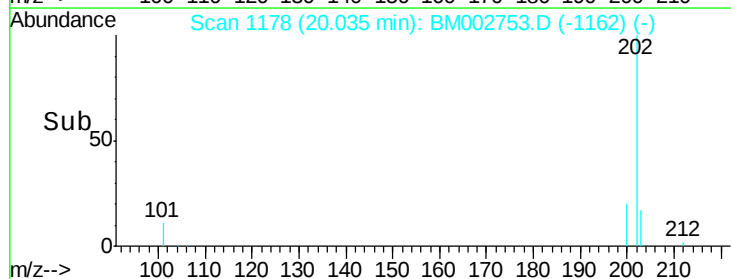
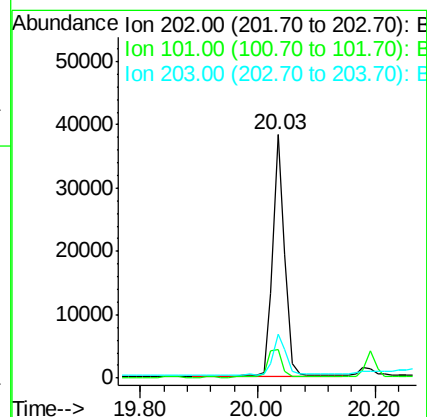
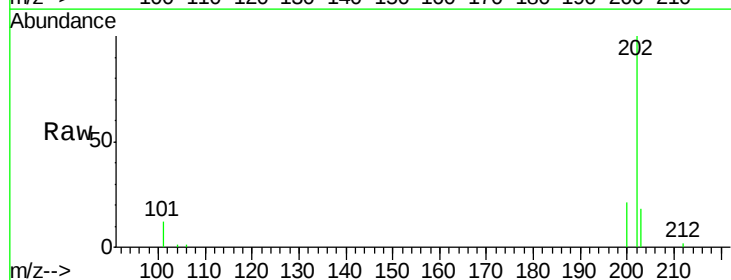
Tgt Ion:202 Resp: 54320

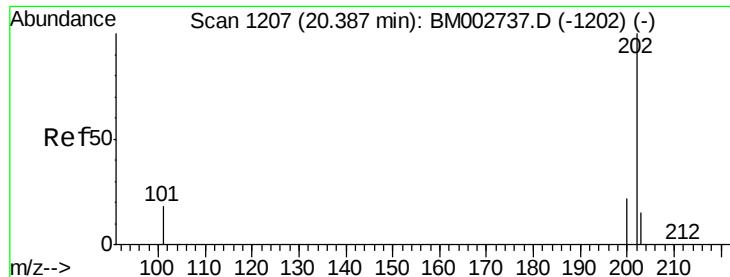
Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.1

203 18.0 0.0 37.2

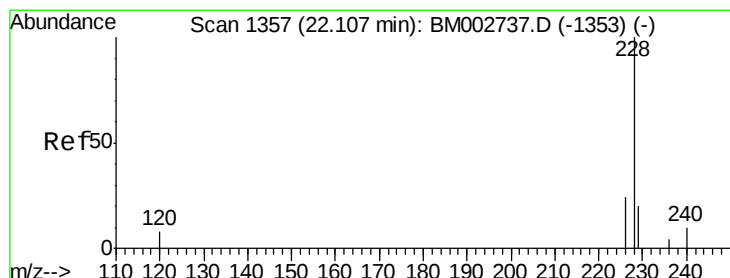
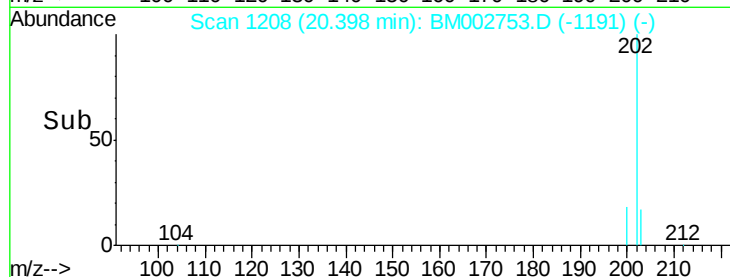
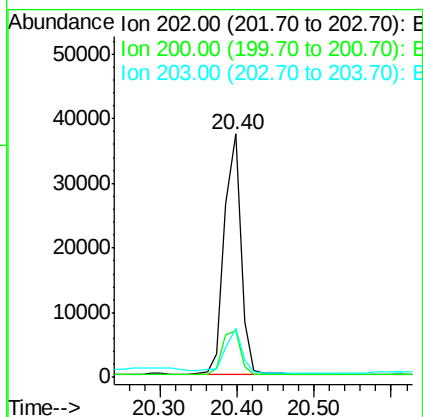
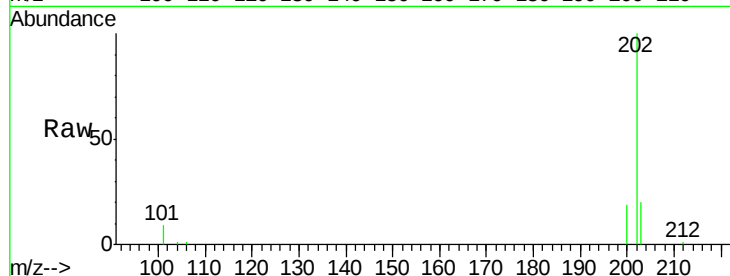




#19
Pvrene
Concen: 0.40 ng/ul
RT: 20.40 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BM002753.D
Acq: 29 Sep 2015 02:59

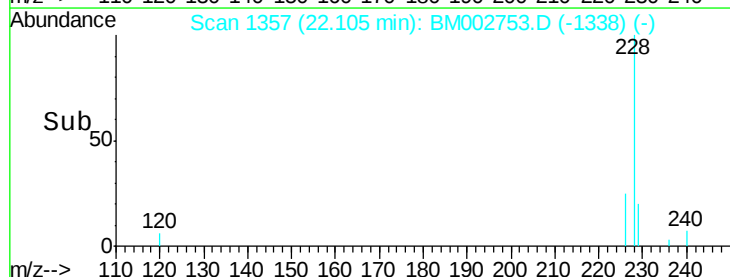
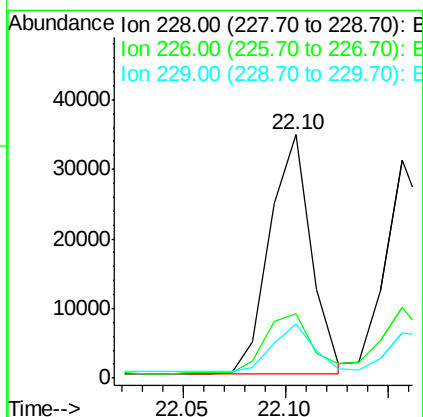
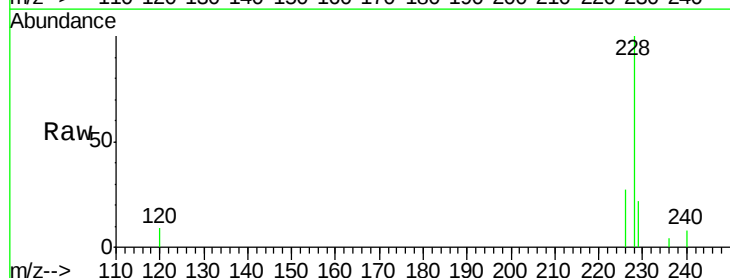
Instrument :
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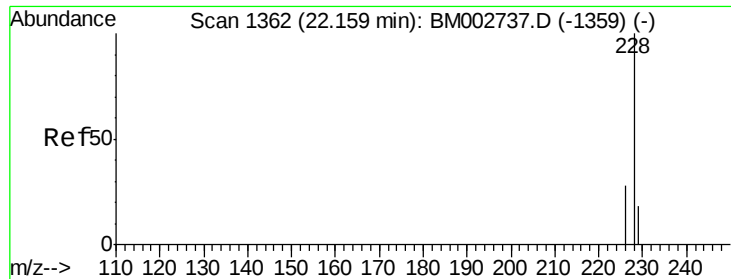
Tot Ion:202 Resp: 55529
Ion Ratio Lower Upper
202 100
200 19.1 18.0 27.0
203 19.9 13.8 20.6



#20
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 22.10 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM002753.D
Acq: 29 Sep 2015 02:59

Tgt Ion:228 Resp: 48543
Ion Ratio Lower Upper
228 100
226 26.5 23.0 34.4
229 22.2 15.2 22.8





#21

Chrysene

Concen: 0.40 ng/uL

RT: 22.16 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

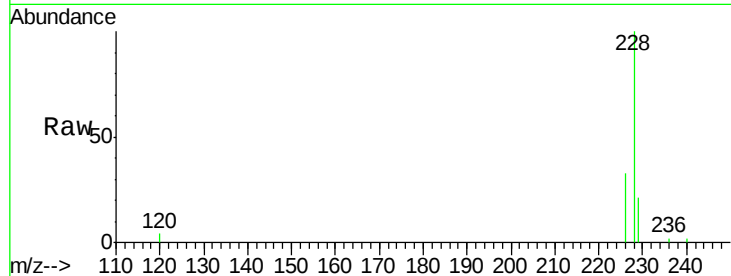
Tot Ion:228 Resp: 46049

Ion Ratio Lower Upper

228 100

226 32.6 25.7 38.5

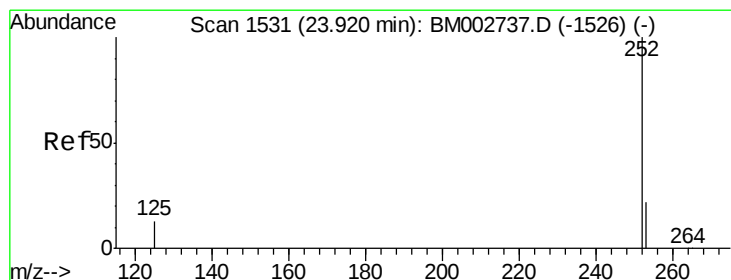
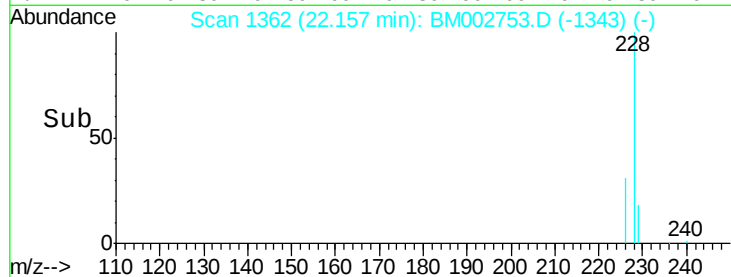
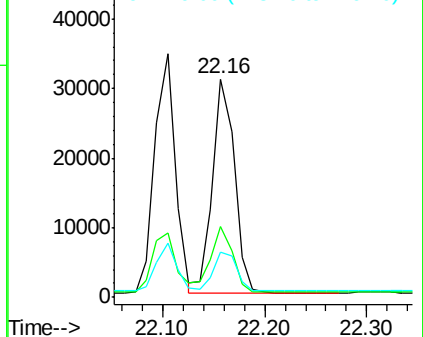
229 20.8 15.2 22.8



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



#23

Benzo(b)fluoranthene

Concen: 0.41 ng/uL

RT: 23.92 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

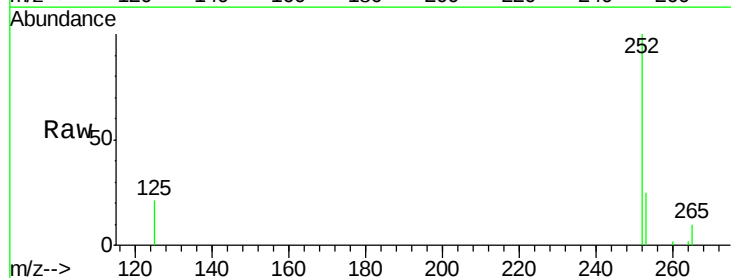
Tgt Ion:252 Resp: 50274

Ion Ratio Lower Upper

252 100

253 25.1 0.0 48.0

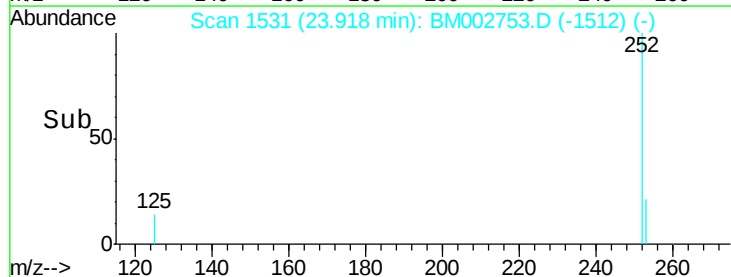
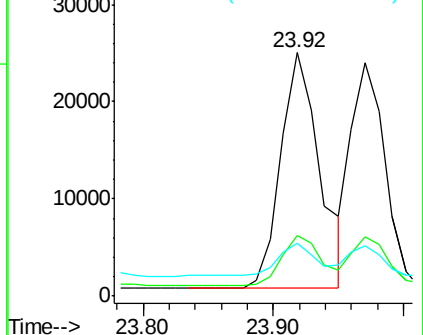
125 21.5 0.0 36.6

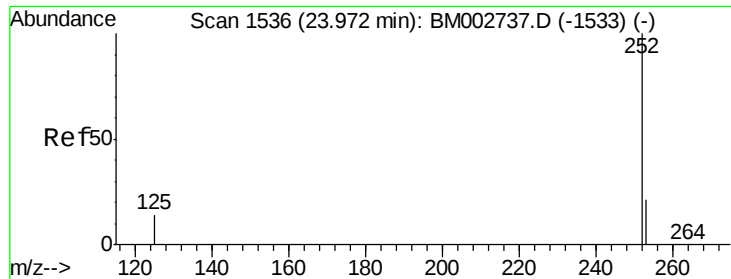


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.37 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

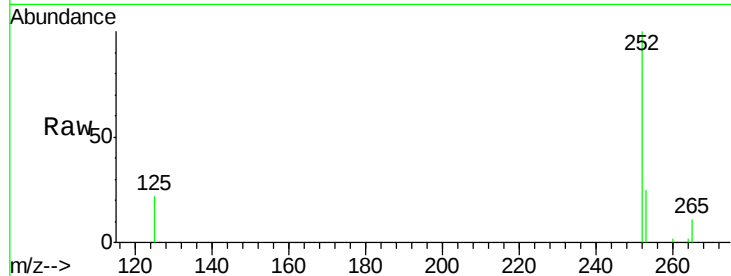
Tot Ion:252 Resp: 42114

Ion Ratio Lower Upper

252 100

253 25.4 20.8 31.2

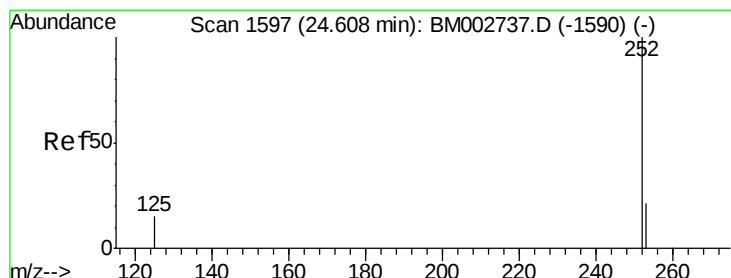
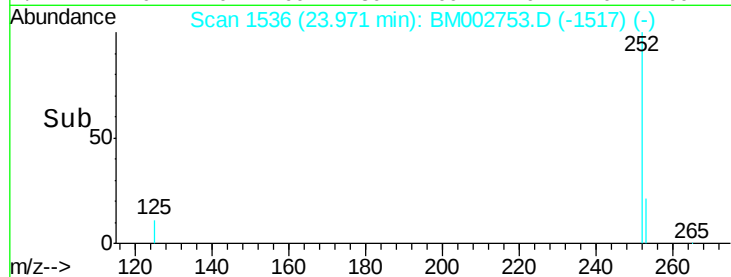
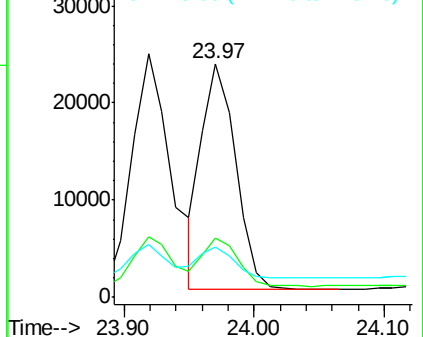
125 21.6 12.2 18.4#



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: 24.61 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

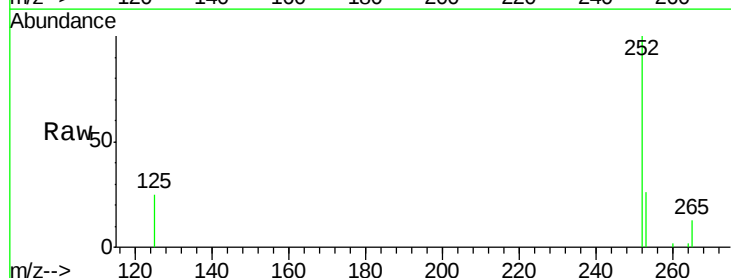
Tgt Ion:252 Resp: 45320

Ion Ratio Lower Upper

252 100

253 25.6 21.8 32.8

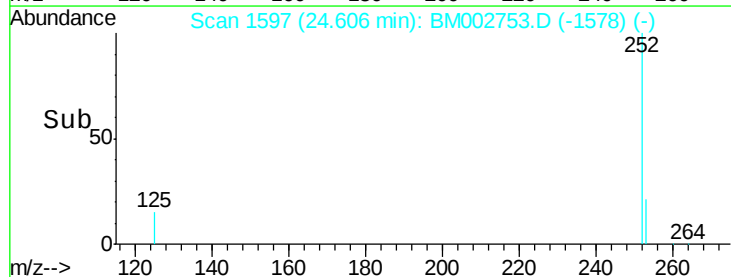
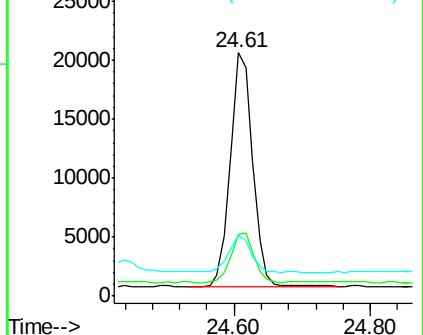
125 24.9 14.5 21.7#

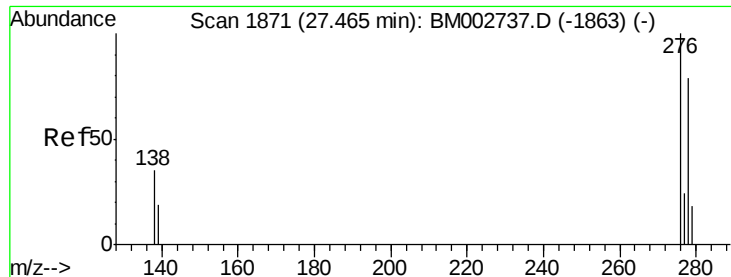


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

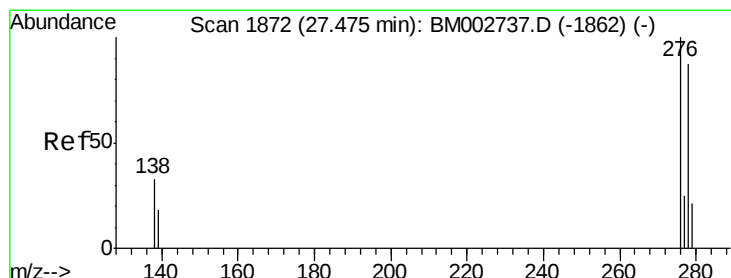
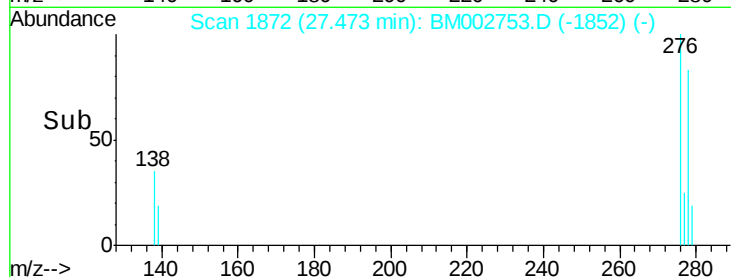
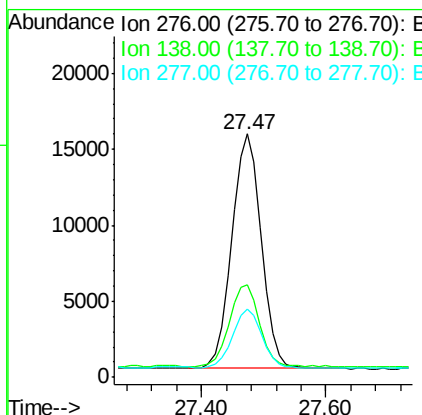
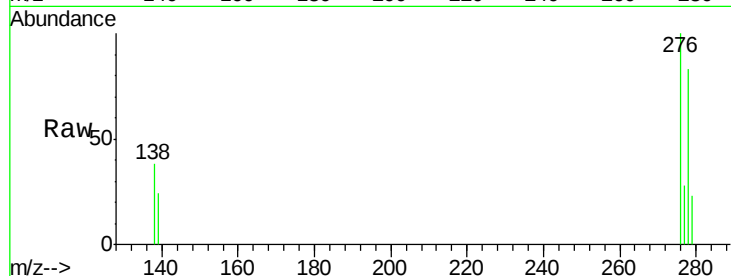




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng/ul
 RT: 27.47 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BM002753.D
 Acq: 29 Sep 2015 02:59

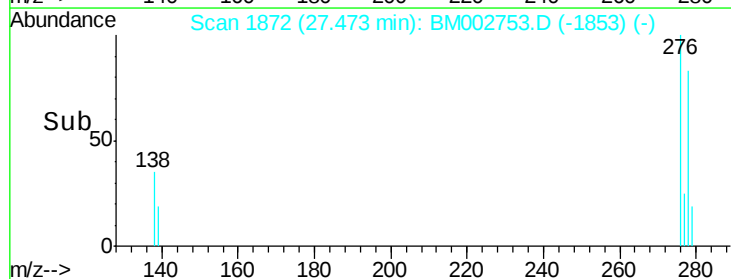
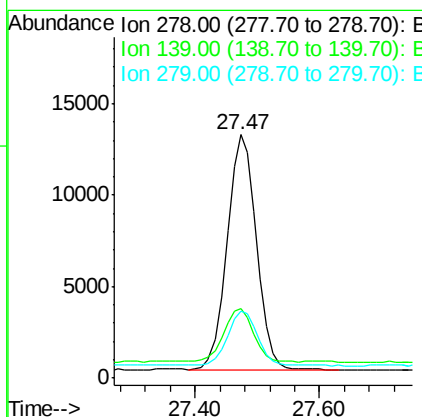
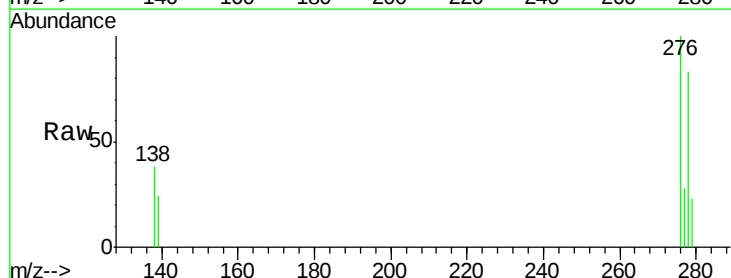
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.489

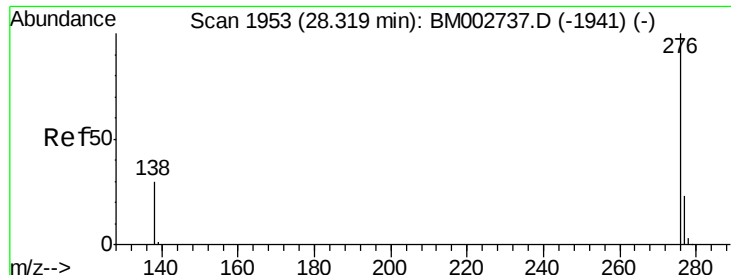
Tot Ion:276 Resp: 51116
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.5 41.3
 277 25.0 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.41 ng/ul
 RT: 27.47 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BM002753.D
 Acq: 29 Sep 2015 02:59

Tgt Ion:278 Resp: 42122
 Ion Ratio Lower Upper
 278 100
 139 28.5 21.7 32.5
 279 27.6 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 0.41 ng/ul

RT: 28.33 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM002753.D

Acq: 29 Sep 2015 02:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.489

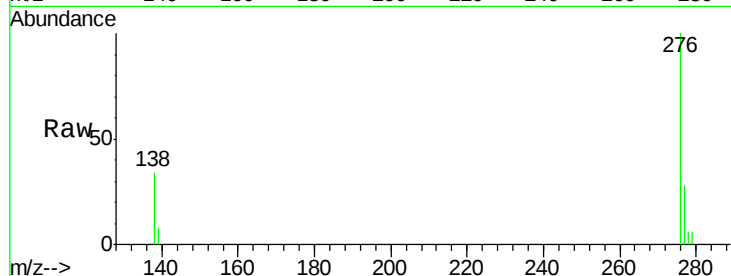
Tot Ion: 276 Resp: 43450

Ion Ratio Lower Upper

276 100

277 27.6 21.3 31.9

138 34.3 25.5 38.3



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

