

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092815\
 Data File : BM002729.D
 Acq On : 28 Sep 2015 11:25
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.487

Quant Time: Sep 29 00:27:47 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 : Fri Sep 25 15:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	10331	0.40	ng/ul	0.00
4) Naphthalene-d8	11.59	136	38335	0.40	ng/ul	0.00
8) Acenaphthene-d10	15.33	164	17219	0.40	ng/ul	0.00
12) Phenanthrene-d10	18.03	188	35364	0.40	ng/ul	0.00
18) Chrysene-d12	22.13	240	33679	0.40	ng/ul	0.00
22) Perylene-d12	24.72	264	32033	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.80	96	10395	0.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.13	152	19862	0.35	ng/ul	0.00
16) Fluoranthene-d10	20.00	212	34890	0.40	ng/ul	0.00

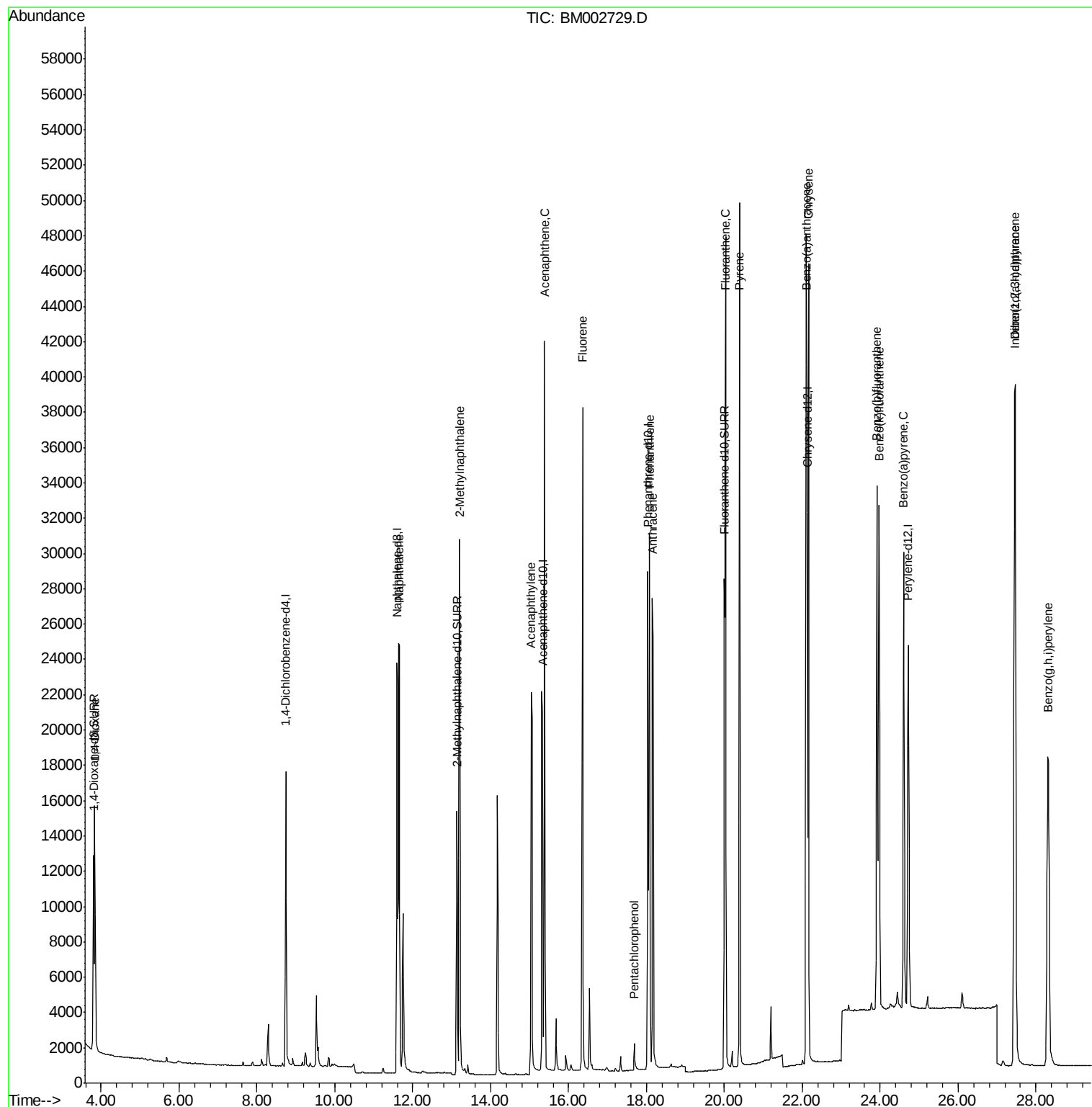
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) 1,4-Dioxane	3.83	88	12074	0.98	ng/ul	98
5) Naphthalene	11.65	128	40260	0.39	ng/ul	98
7) 2-Methylnaphthalene	13.20	142	25846	0.39	ng/ul	100
9) Acenaphthylene	15.04	152	33998	0.38	ng/ul	96
10) Acenaphthene	15.38	153	25810	0.40	ng/ul	89
11) Fluorene	16.36	166	28081	0.38	ng/ul	85
13) Pentachlorophenol	17.69	266	1535	0.22	ng/ul	95
14) Phenanthrene	18.08	178	42134	0.37	ng/ul	94
15) Anthracene	18.16	178	40632	0.38	ng/ul	96
17) Fluoranthene	20.03	202	47476	0.38	ng/ul	93
19) Pyrene	20.39	202	49016	0.37	ng/ul	98
20) Benzo(a)anthracene	22.11	228	43799	0.39	ng/ul	92
21) Chrysene	22.16	228	43084	0.40	ng/ul	97
23) Benzo(b)fluoranthene	23.92	252	44576	0.39	ng/ul	98
24) Benzo(k)fluoranthene	23.97	252	43092	0.40	ng/ul	97
25) Benzo(a)pyrene	24.61	252	42323	0.40	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	27.45	276	48499	0.41	ng/ul	99
27) Dibenzo(a,h)anthracene	27.46	278	39459	0.41	ng/ul	94
28) Benzo(g,h,i)perylene	28.31	276	41738	0.42	ng/ul	98

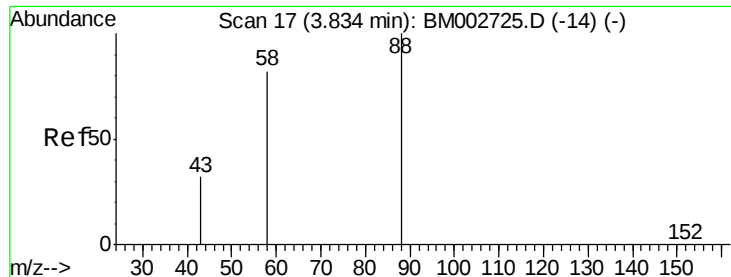
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.98 ng/ul

RT: 3.83 min Scan# 17

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

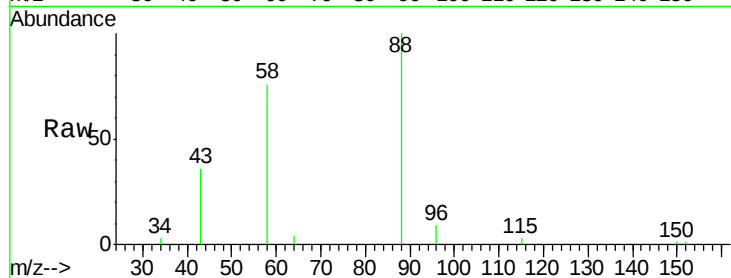
Tgt Ion: 88 Resp: 12074

Ion Ratio Lower Upper

88 100

58 71.5 55.4 83.2

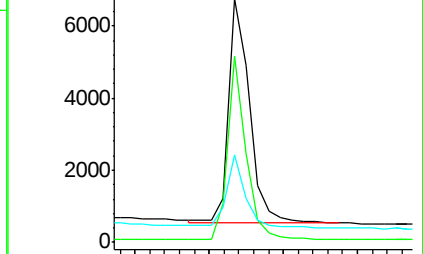
43 29.6 24.2 36.2



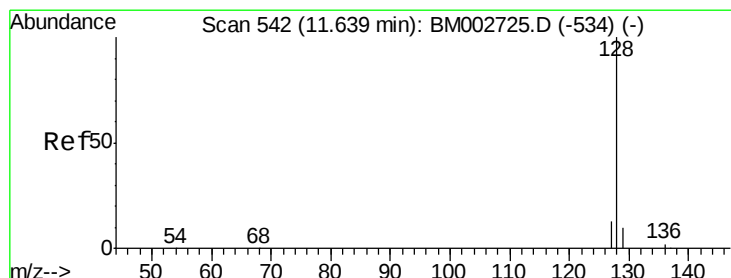
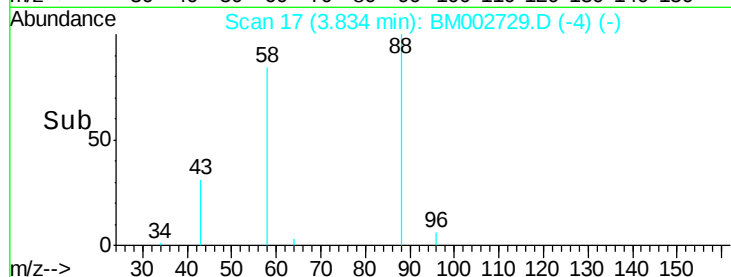
Abundance Ion 88.00 (87.70 to 88.70): BM002725.D (-14) (-)

Ion 58.00 (57.70 to 58.70): BM002725.D (-14) (-)

Ion 43.00 (42.70 to 43.70): BM002725.D (-14) (-)



Time-->



#5

Naphthalene

Concen: 0.39 ng/ul

RT: 11.65 min Scan# 543

Delta R.T. 0.01 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

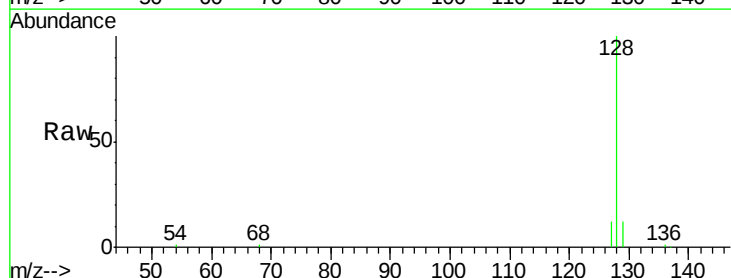
Tgt Ion: 128 Resp: 40260

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

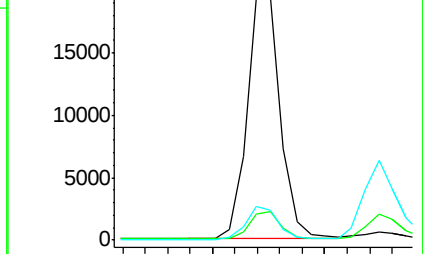
127 12.2 10.7 16.1



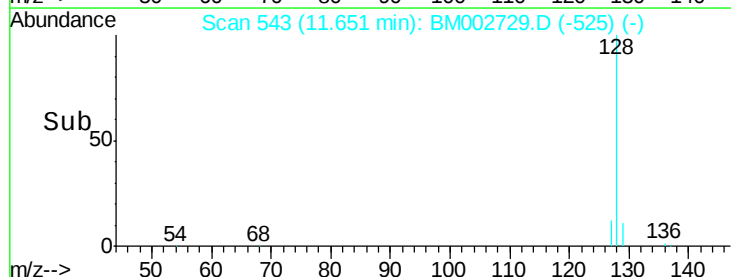
Abundance Ion 128.00 (127.70 to 128.70): BM002729.D (-525) (-)

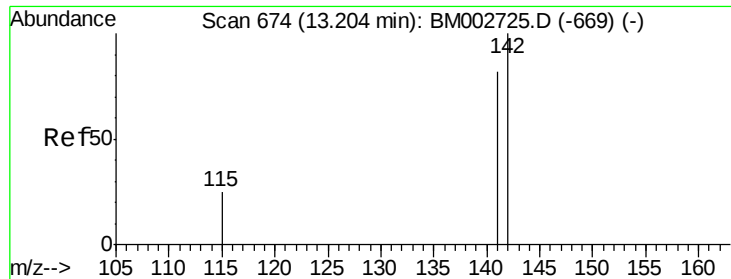
Ion 129.00 (128.70 to 129.70): BM002729.D (-525) (-)

Ion 127.00 (126.70 to 127.70): BM002729.D (-525) (-)



Time-->





#7

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 13.20 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

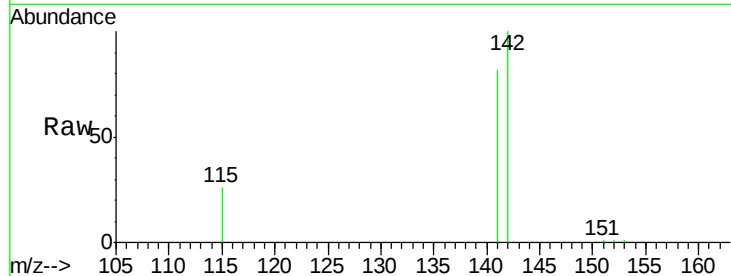
SSTD0.487

Tgt Ion:142 Resp: 25846

Ion Ratio Lower Upper

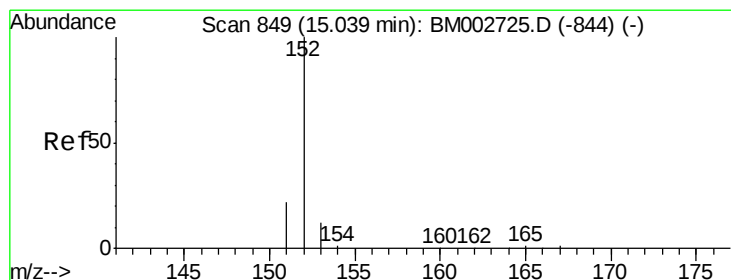
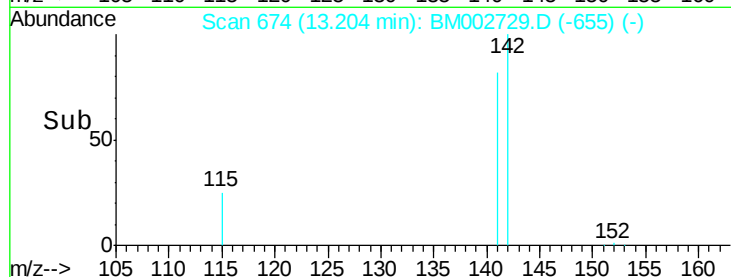
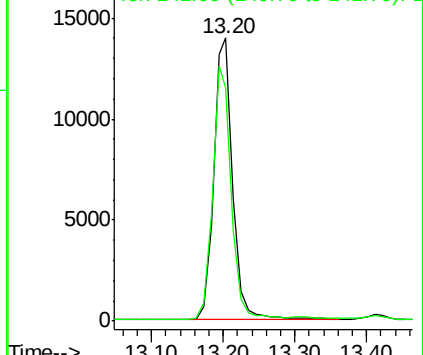
142 100

141 88.4 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: 0.38 ng/ul

RT: 15.04 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

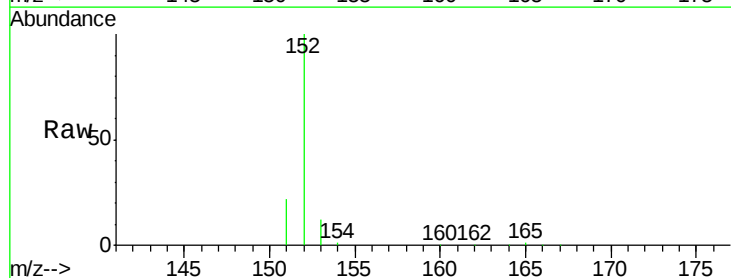
Tgt Ion:152 Resp: 33998

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

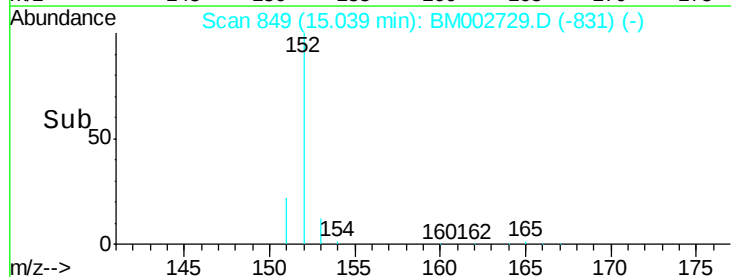
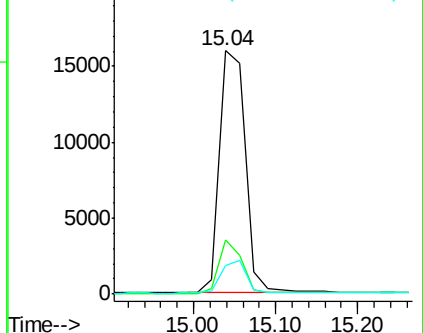
153 12.0 11.3 16.9

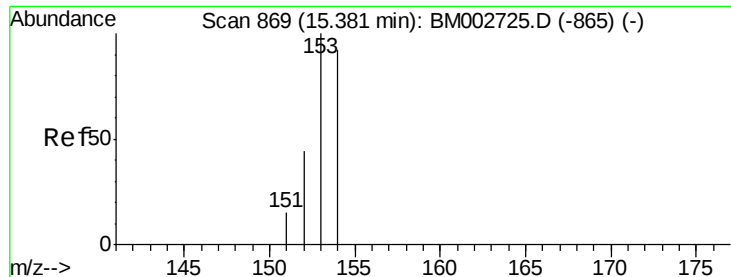


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.40 ng/ul

RT: 15.38 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

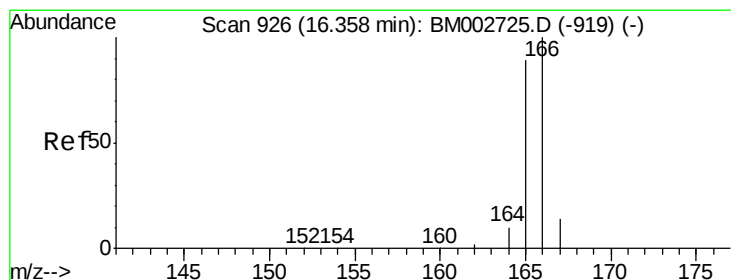
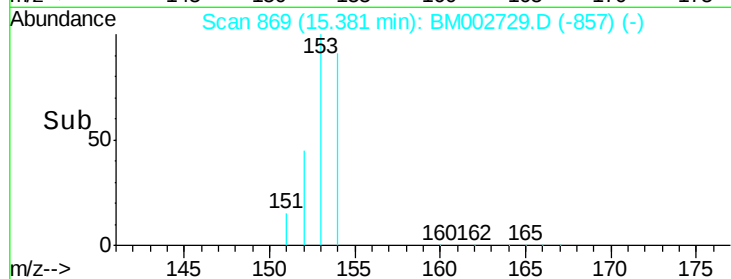
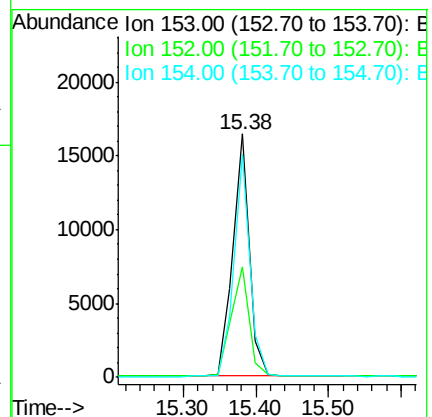
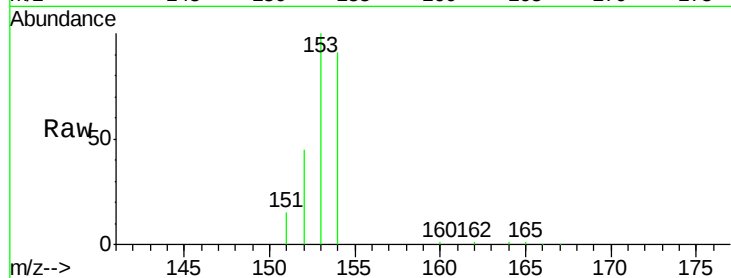
Tgt Ion:153 Resp: 25810

Ion Ratio Lower Upper

153 100

152 45.2 42.3 63.5

154 91.4 64.7 97.1



#11

Fluorene

Concen: 0.38 ng/ul

RT: 16.36 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

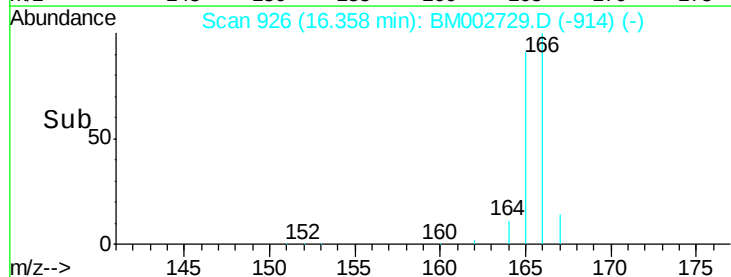
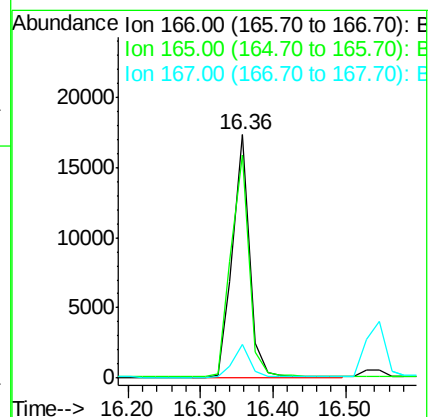
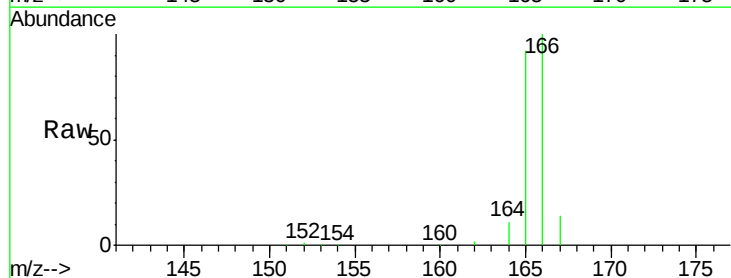
Tgt Ion:166 Resp: 28081

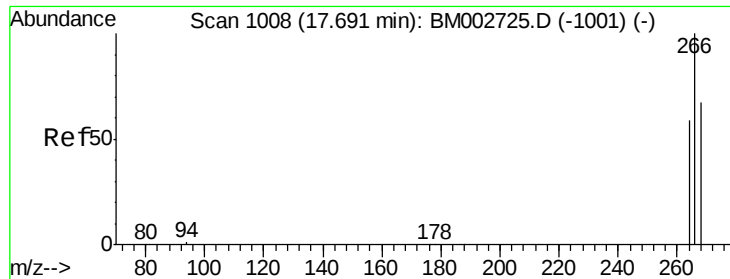
Ion Ratio Lower Upper

166 100

165 91.6 87.6 131.4

167 14.0 11.1 16.7

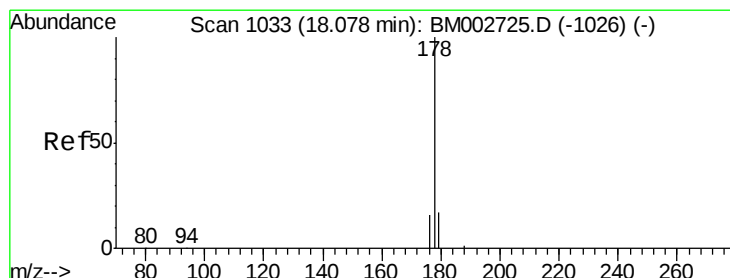
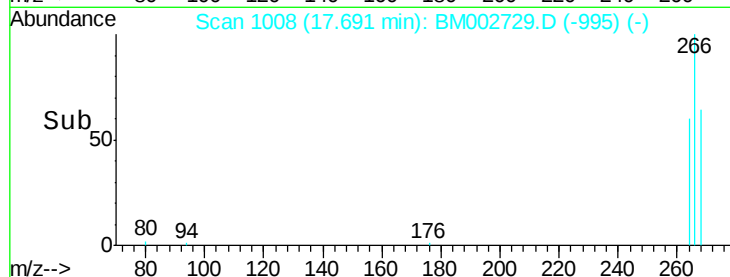
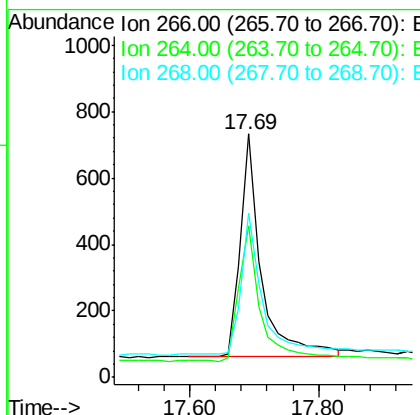
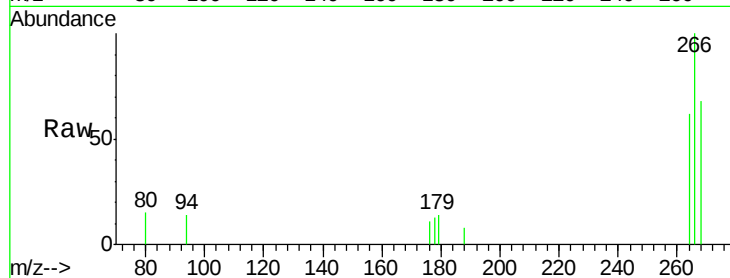




#13
 Pentachlorophenol
 Concen: 0.22 ng/ul
 RT: 17.69 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

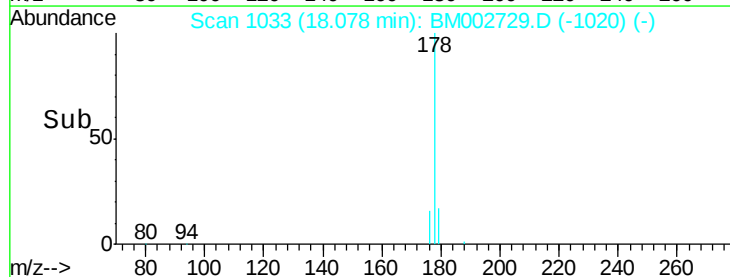
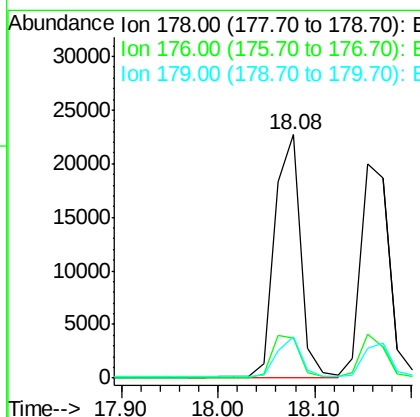
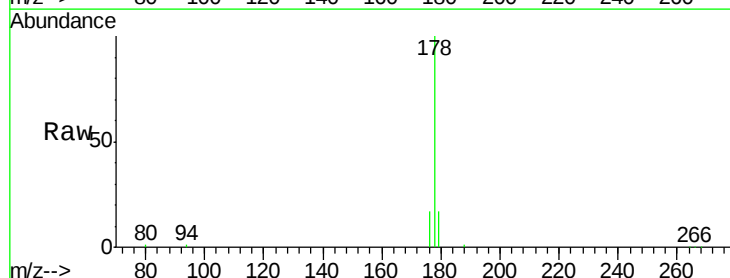
Instrument :
 BNA_M
 ClientSampleId :
 SST0.487

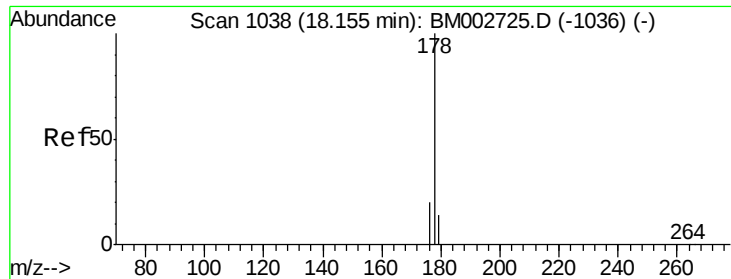
Tgt Ion: 266 Resp: 1535
 Ion Ratio Lower Upper
 266 100
 264 62.0 53.5 80.3
 268 64.7 54.2 81.2



#14
 Phenanthrene
 Concen: 0.37 ng/ul
 RT: 18.08 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

Tgt Ion: 178 Resp: 42134
 Ion Ratio Lower Upper
 178 100
 176 16.6 16.2 24.4
 179 17.2 12.8 19.2

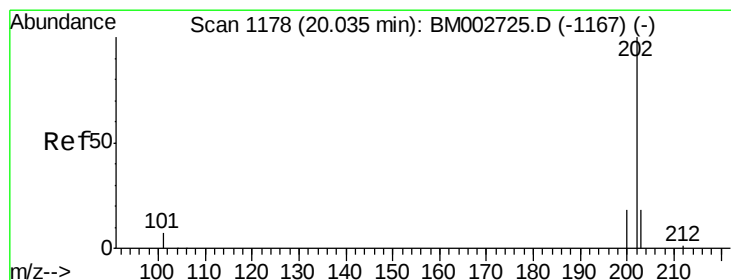
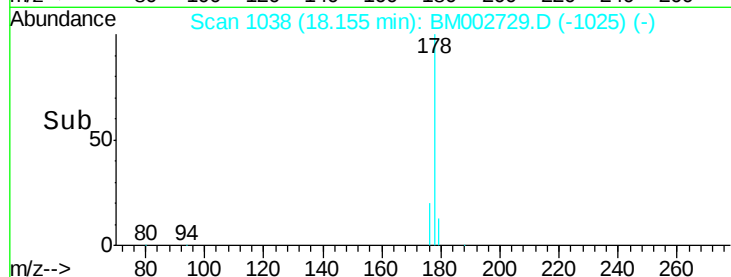
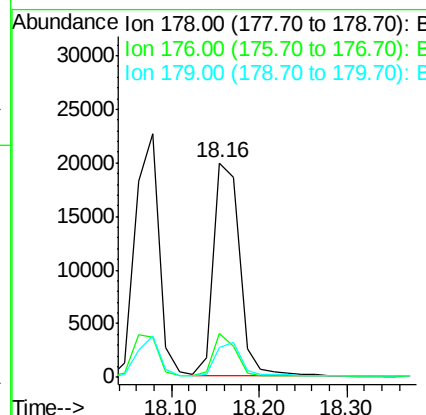
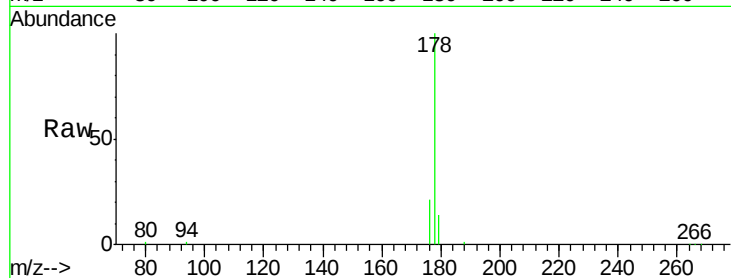




#15
 Anthracene
 Concen: 0.38 ng/ul
 RT: 18.16 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

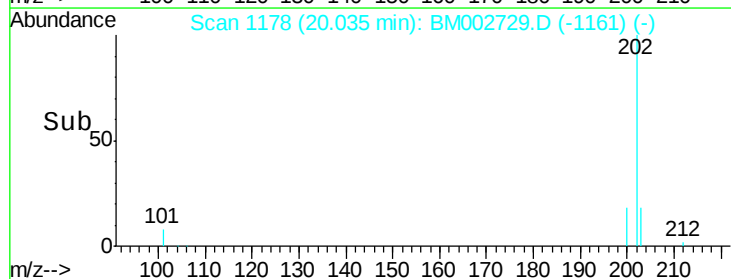
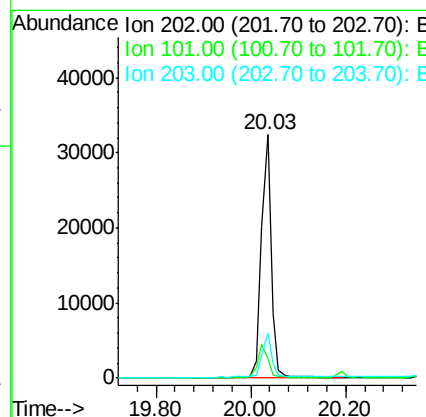
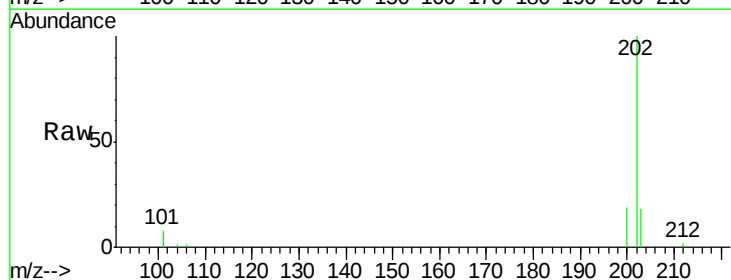
Instrument :
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 SST0.487

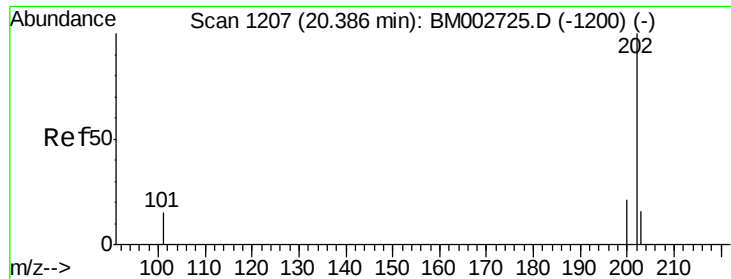
Tgt Ion:178 Resp: 40632
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 13.9 13.3 19.9



#17
 Fluoranthene
 Concen: 0.38 ng/ul
 RT: 20.03 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

Tgt Ion:202 Resp: 47476
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 33.1
 203 18.3 0.0 37.2

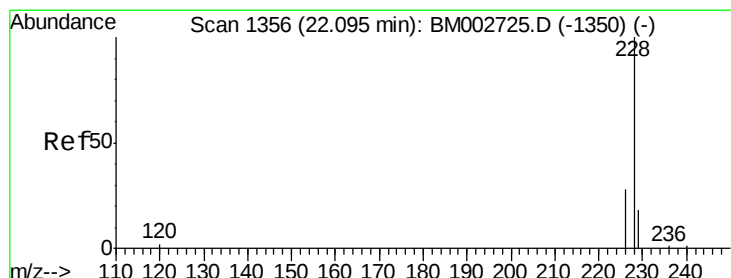
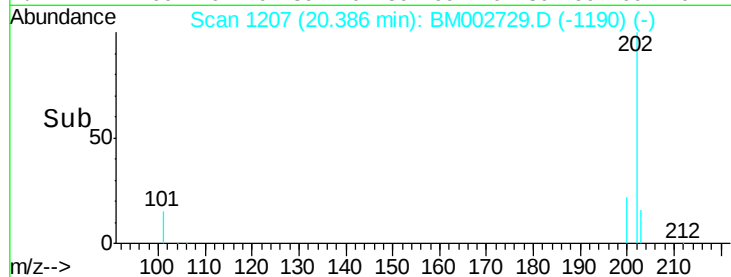
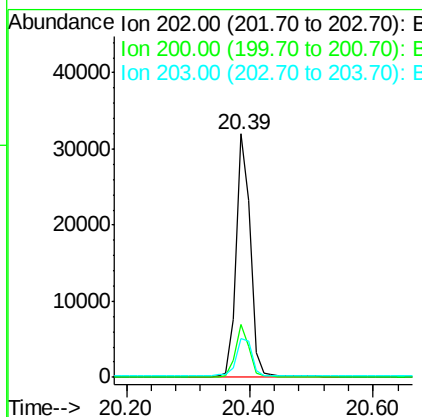
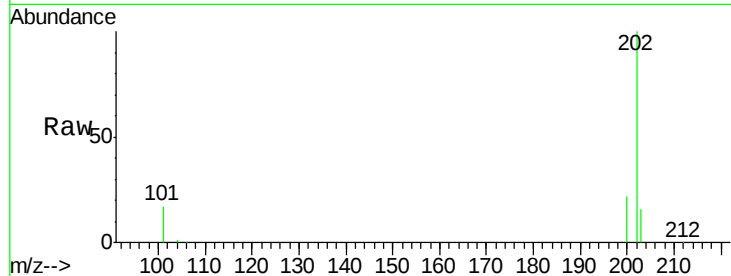




#19
 Pyrene
 Concen: 0.37 ng/ul
 RT: 20.39 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

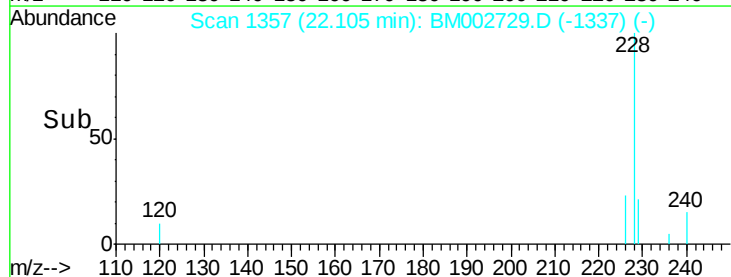
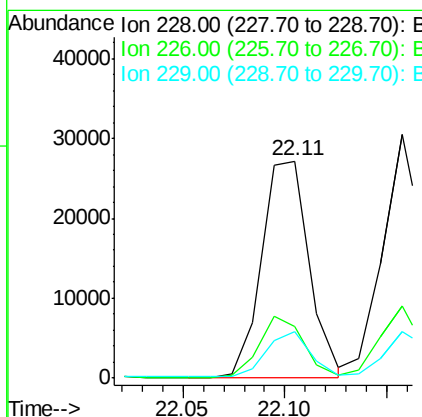
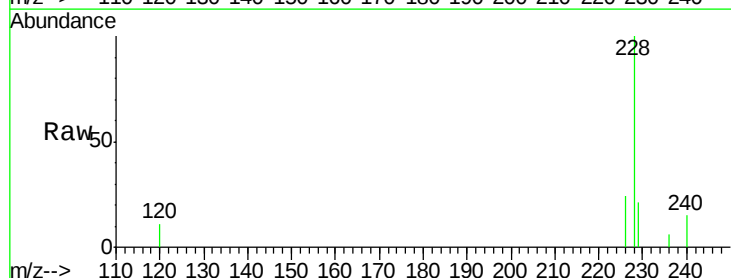
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 BNA_M
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 SST0.487

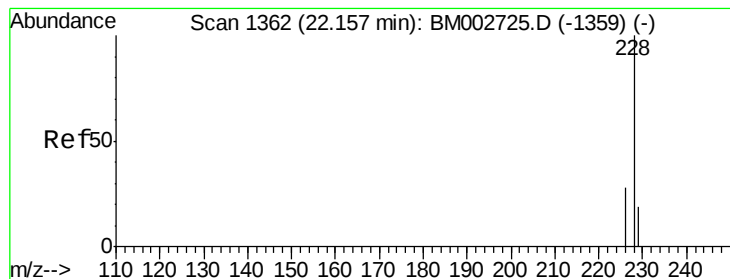
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.0	27.0
203	16.1	13.8	20.6



#20
 Benzo(a)anthracene
 Concen: 0.39 ng/ul
 RT: 22.11 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.6	23.0	34.4
229	21.4	15.2	22.8





#21

Chrysene

Concen: 0.40 ng/u1

RT: 22.16 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

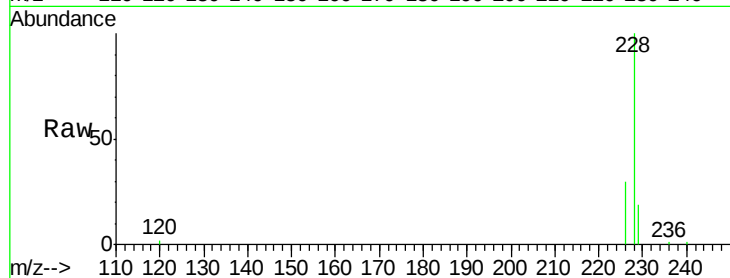
Tgt Ion:228 Resp: 43084

Ion Ratio Lower Upper

228 100

226 29.6 25.7 38.5

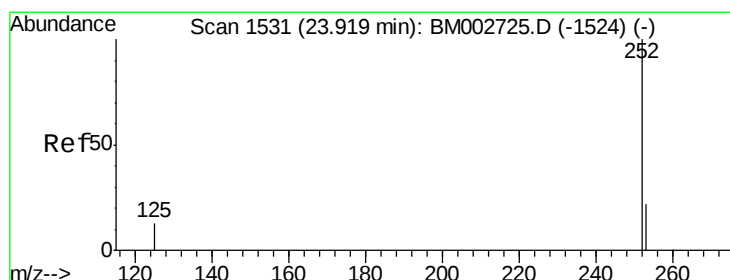
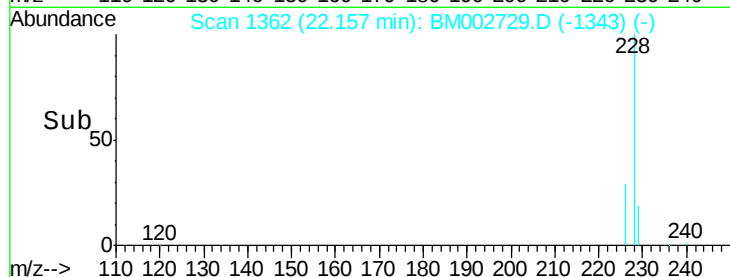
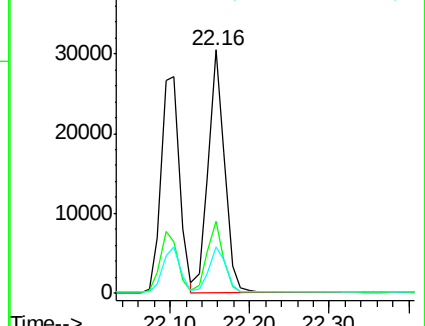
229 19.3 15.2 22.8



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: 0.39 ng/u1

RT: 23.92 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

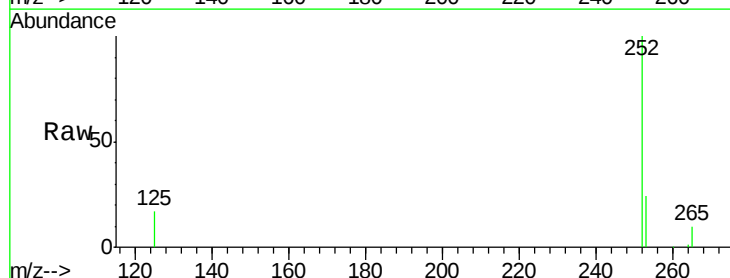
Tgt Ion:252 Resp: 44576

Ion Ratio Lower Upper

252 100

253 24.3 0.0 48.0

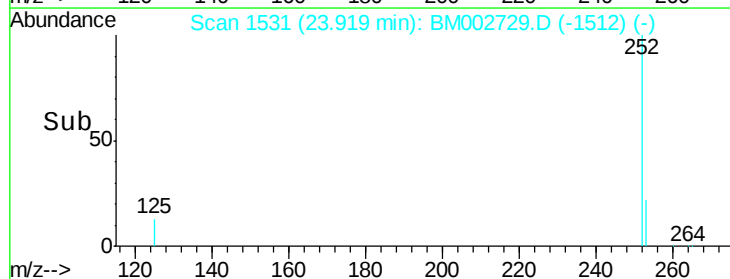
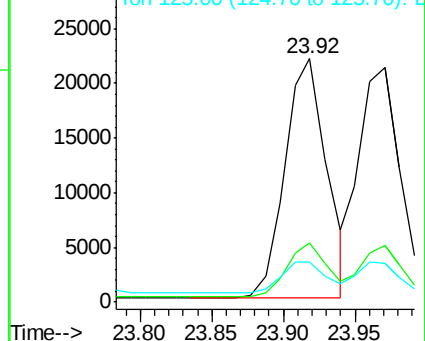
125 16.7 0.0 36.6

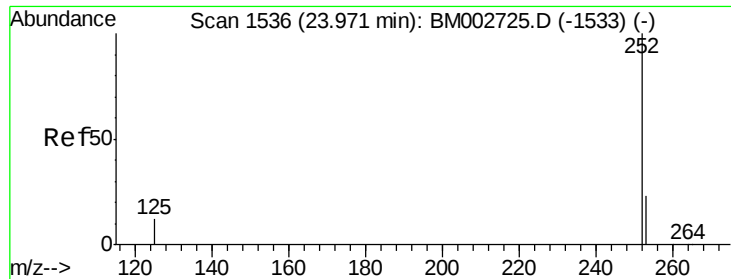


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.40 ng/ul

RT: 23.97 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM002729.D

Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.487

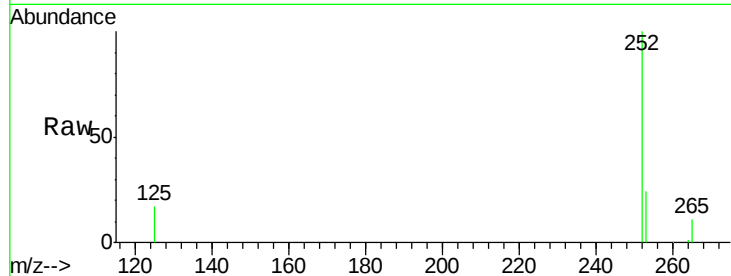
Tgt Ion:252 Resp: 43092

Ion Ratio Lower Upper

252 100

253 24.2 20.8 31.2

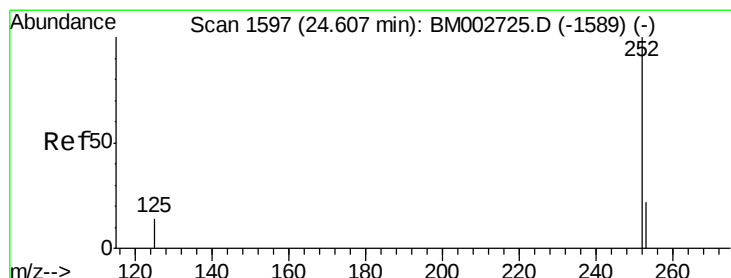
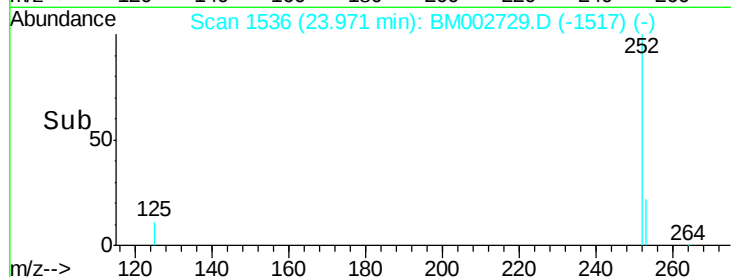
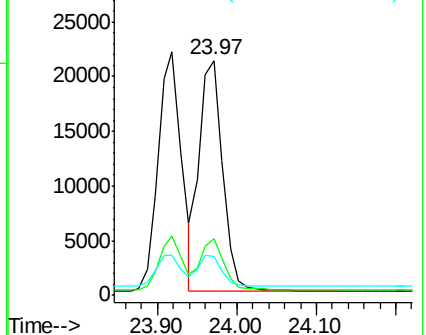
125 16.6 12.2 18.4



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: BM002729.D

Acq: 28 Sep 2015 11:25

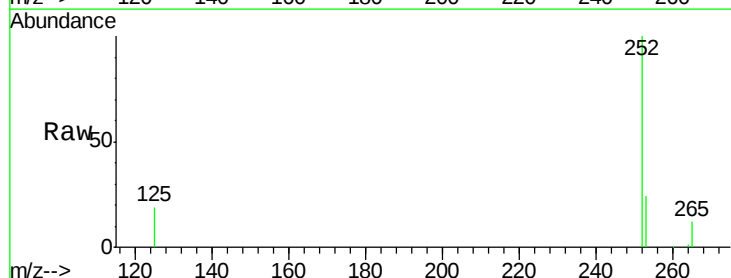
Tgt Ion:252 Resp: 42323

Ion Ratio Lower Upper

252 100

253 24.2 21.8 32.8

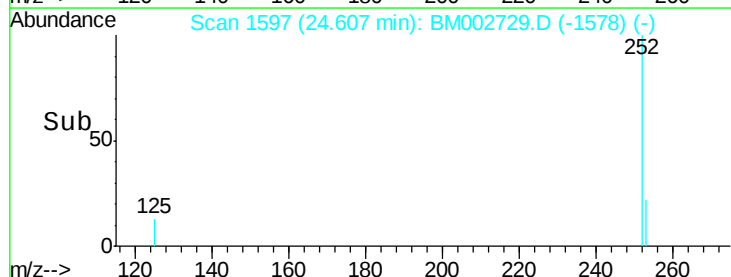
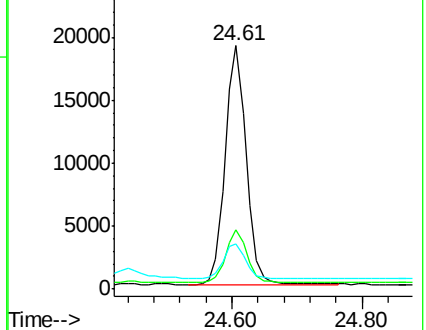
125 18.7 14.5 21.7

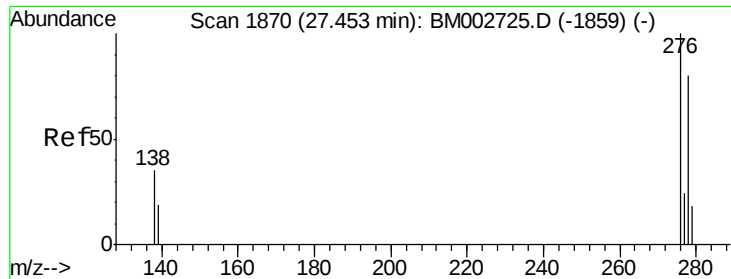


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

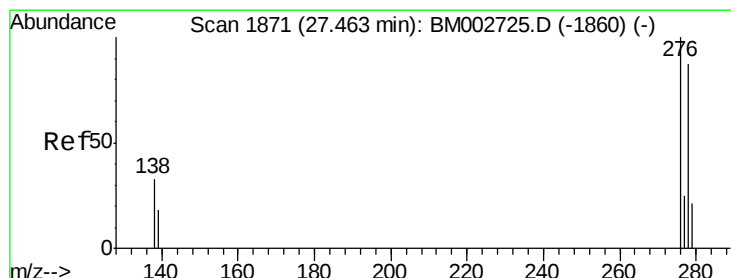
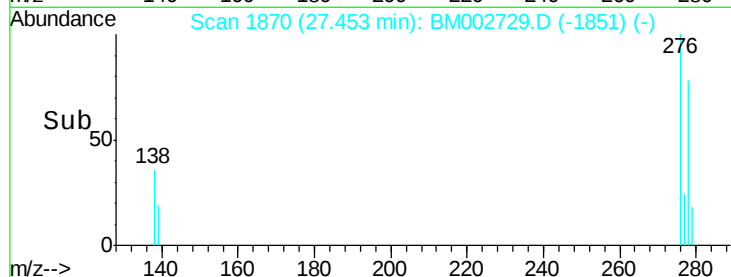
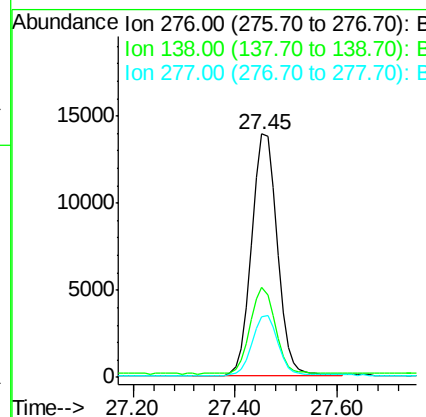
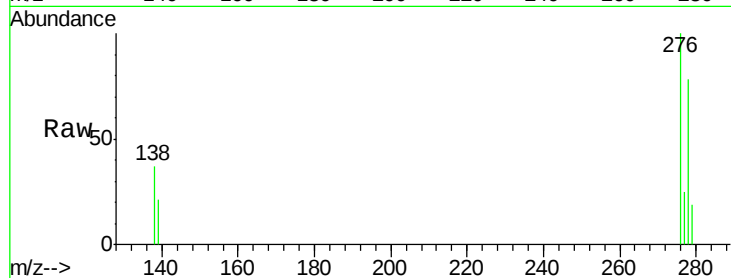




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.41 ng/ul
 RT: 27.45 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

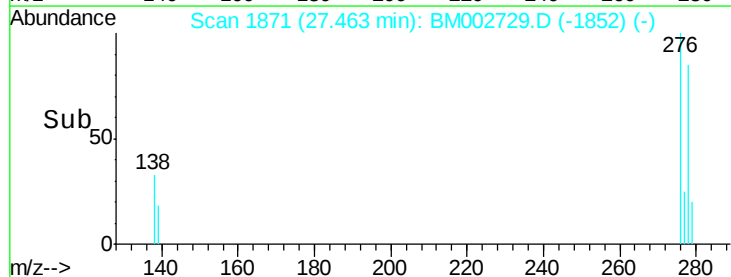
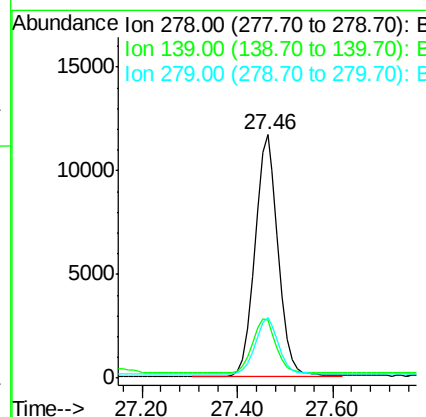
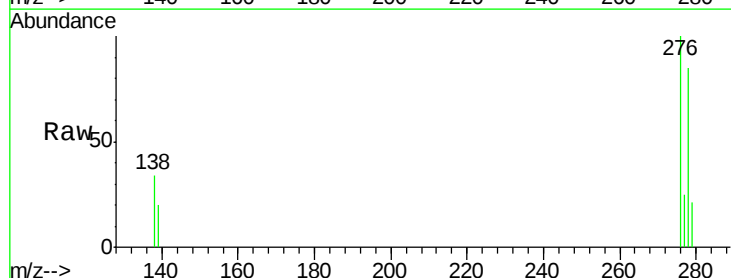
Instrument :
 BNA_M
 ClientSampleId :
 SST0.487

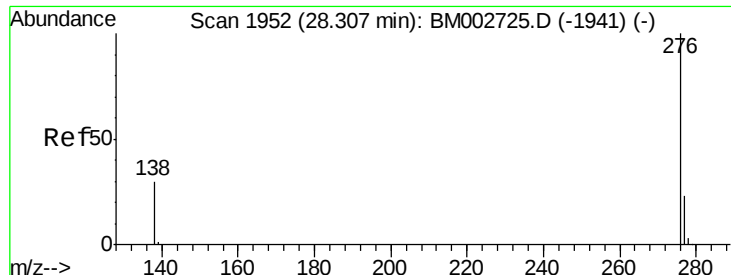
Tgt Ion:276 Resp: 48499
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.5 41.3
 277 24.8 19.3 28.9



#27
 Dibenzo(a,h)anthracene
 Concen: 0.41 ng/ul
 RT: 27.46 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BM002729.D
 Acq: 28 Sep 2015 11:25

Tgt Ion:278 Resp: 39459
 Ion Ratio Lower Upper
 278 100
 139 23.8 21.7 32.5
 279 24.9 21.9 32.9





#28

Benzo(g,h,i)perylene

Concen: 0.42 ng/ul

RT: 28.31 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM002729.D

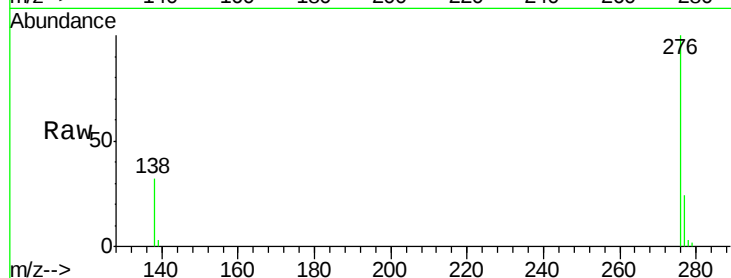
Acq: 28 Sep 2015 11:25

Instrument :

BNA_M

ClientSampleId :

SSTD0.487



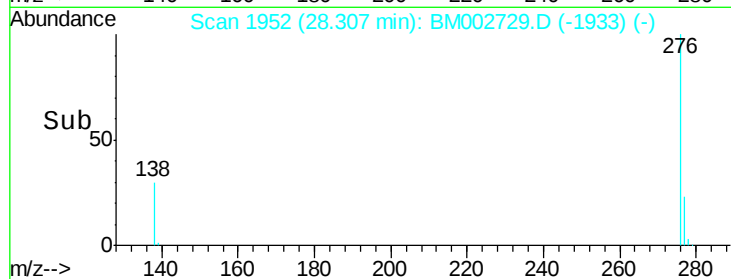
Tgt Ion: 276 Resp: 41738

Ion Ratio Lower Upper

276 100

277 24.0 21.3 31.9

138 32.1 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

