

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031215\
 Data File : BM000699.D
 Acq On : 12 Mar 2015 15:06
 Operator : TP/IZ
 Sample : SSTD0.473
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.473

Quant Time: Mar 13 01:40:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 01:28:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4500	4.00	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15944	4.00	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	2495	4.00	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20037	4.00	ng/ul	0.00
16) Chrysene-d12	21.25	240	18247	4.00	ng/ul	0.00
20) Perylene-d12	23.44	264	16290	4.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	8600	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	18319	0.40	ng/ul	0.00

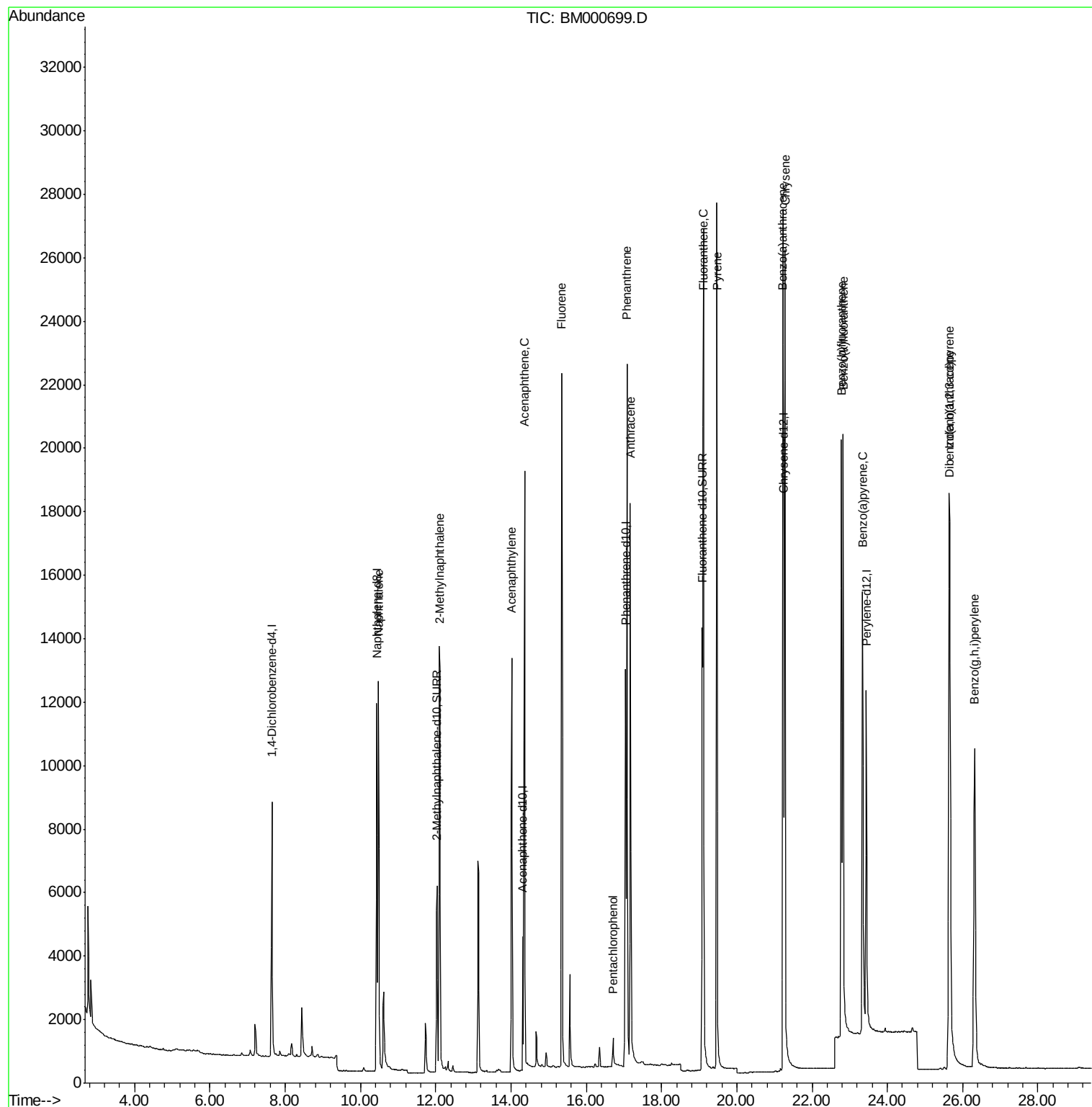
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	17263	0.41	ng/ul	100
5) 2-Methylnaphthalene	12.11	142	11664	0.41	ng/ul	100
7) Acenaphthylene	14.02	152	16114	0.39	ng/ul	100
8) Acenaphthene	14.36	153	12516	0.39	ng/ul	100
9) Fluorene	15.35	166	15238	0.39	ng/ul	100
11) Pentachlorophenol	16.71	266	945	0.36	ng/ul	100
12) Phenanthrene	17.08	178	24369	0.41	ng/ul	100
13) Anthracene	17.17	178	22065	0.41	ng/ul	100
15) Fluoranthene	19.11	202	27861	0.41	ng/ul	100
17) Pyrene	19.48	202	28387	0.41	ng/ul	100
18) Benzo(a)anthracene	21.23	228	22798	0.41	ng/ul	100
19) Chrysene	21.28	228	27016	0.40	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	24929	0.41	ng/ul	100
22) Benzo(k)fluoranthene	22.82	252	24918	0.41	ng/ul	100
23) Benzo(a)pyrene	23.34	252	22915	0.41	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.65	276	24265	0.40	ng/ul	100
25) Dibenzo(a,h)anthracene	25.66	278	19219	0.40	ng/ul	100
26) Benzo(g,h,i)perylene	26.31	276	21597	0.41	ng/ul	100

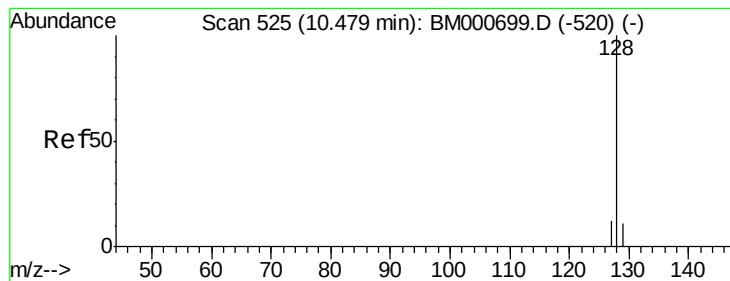
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031215\
Data File : BM000699.D
Acq On : 12 Mar 2015 15:06
Operator : TP/IZ
Sample : SST0.473
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.473

Quant Time: Mar 13 01:40:18 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 01:28:15 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.41 ng/ul

RT: 10.48 min Scan# 525

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

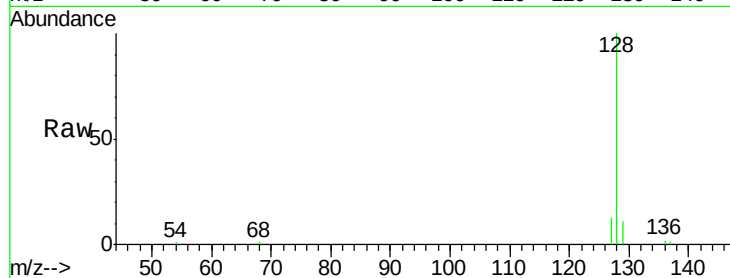
Tgt Ion:128 Resp: 17263

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

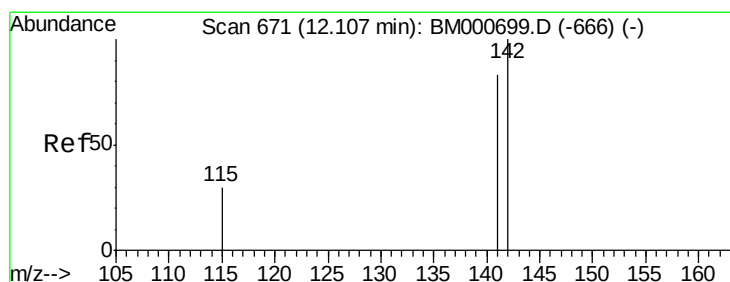
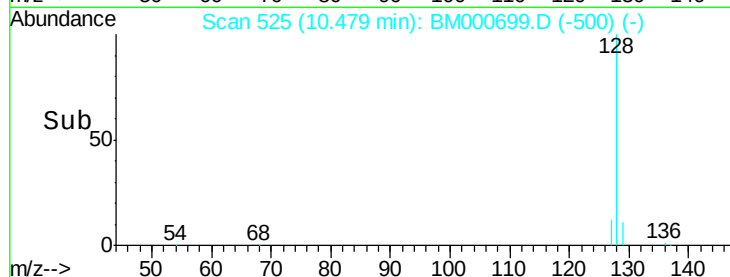
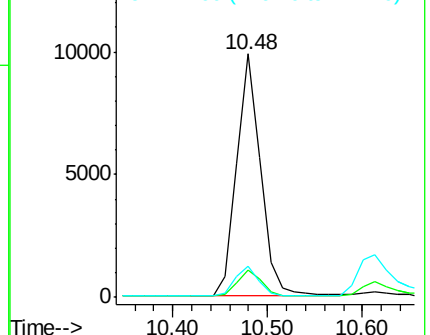
127 12.7 10.2 15.2



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: 0.41 ng/ul

RT: 12.11 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM000699.D

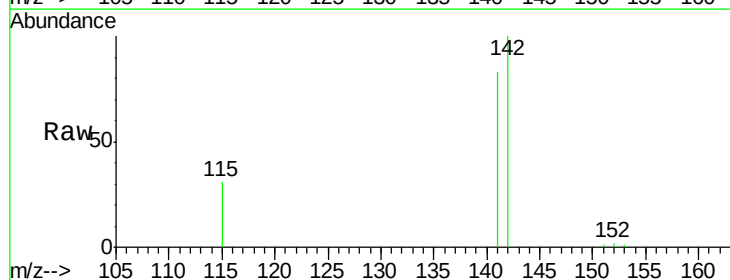
Acq: 12 Mar 2015 15:06

Tgt Ion:142 Resp: 11664

Ion Ratio Lower Upper

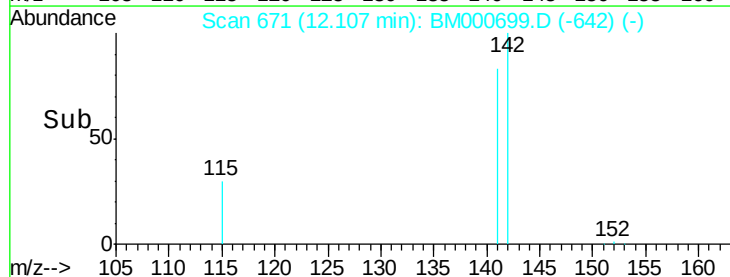
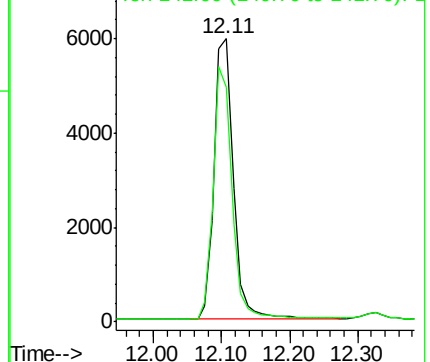
142 100

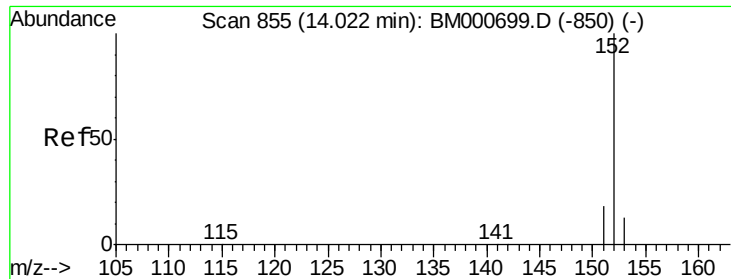
141 88.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.02 min Scan# 855

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

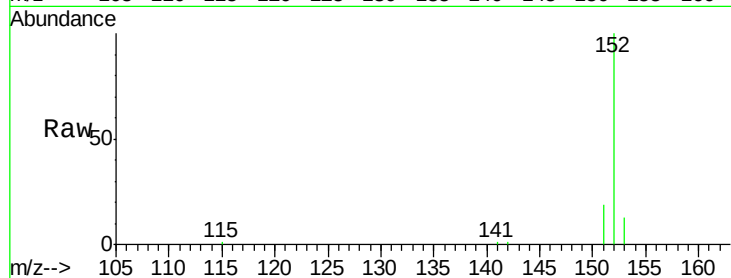
Tgt Ion:152 Resp: 16114

Ion Ratio Lower Upper

152 100

151 18.8 15.0 22.6

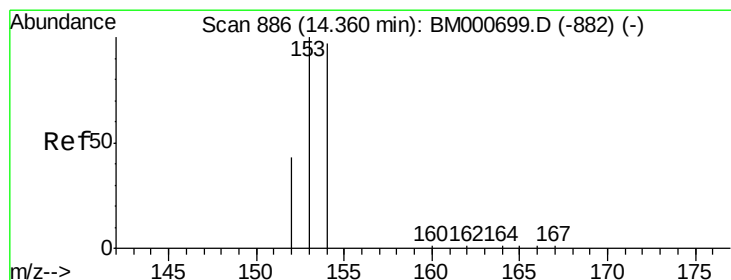
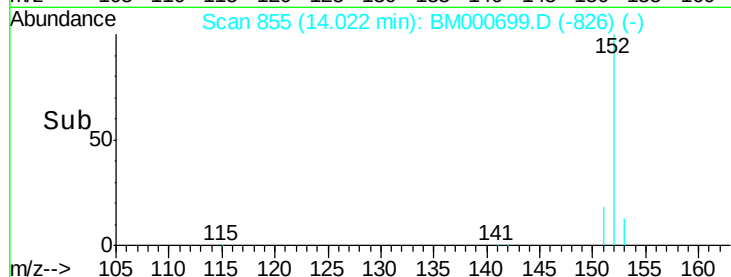
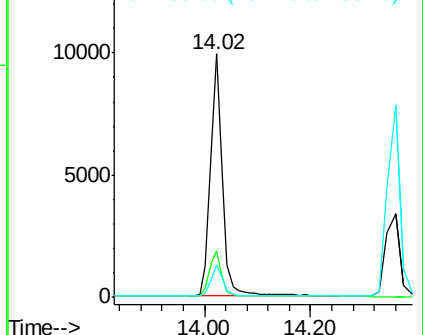
153 13.4 10.7 16.1



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: 0.39 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

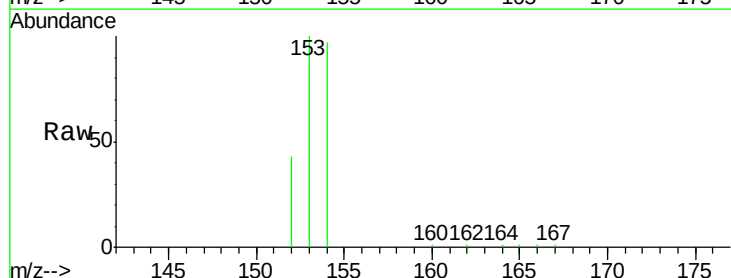
Tgt Ion:153 Resp: 12516

Ion Ratio Lower Upper

153 100

152 43.4 34.7 52.1

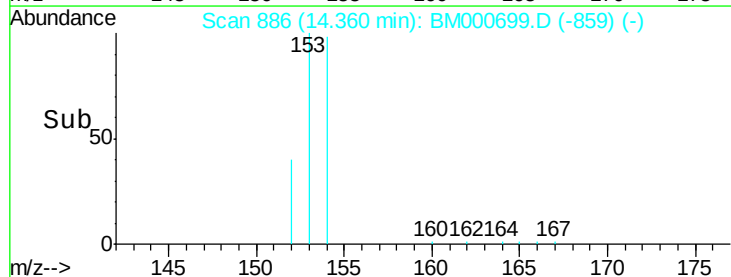
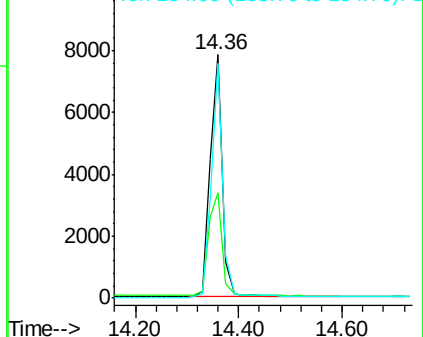
154 96.6 77.3 115.9

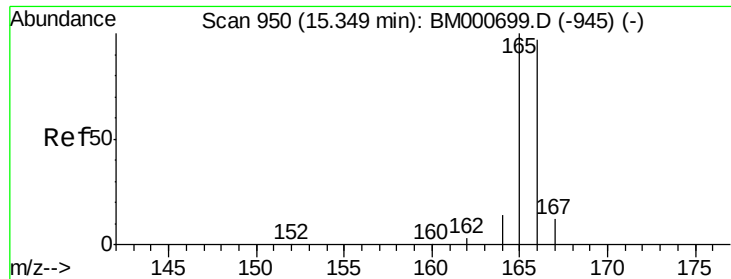


Abundance Ion 153.00 (152.70 to 153.70): E

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: 15.35 min Scan# 950

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

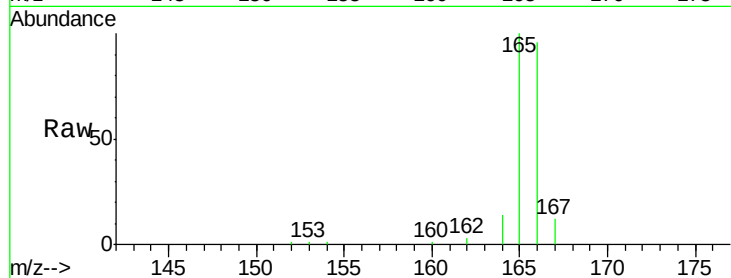
Tgt Ion:166 Resp: 15238

Ion Ratio Lower Upper

166 100

165 103.7 83.0 124.4

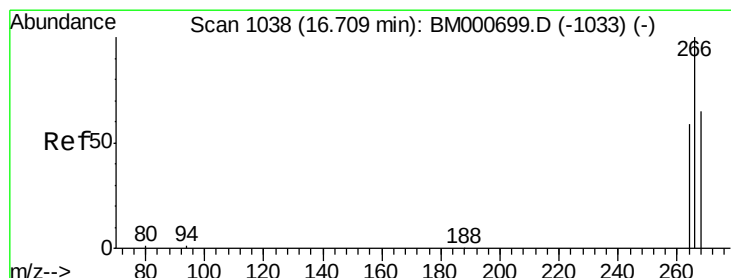
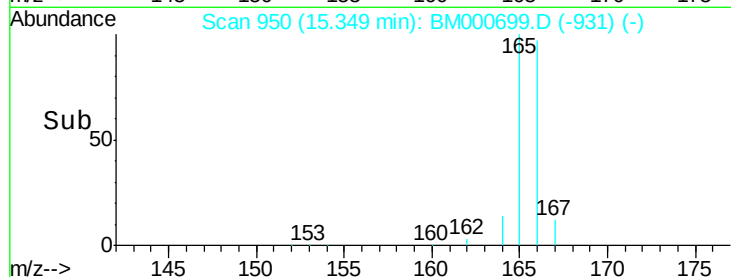
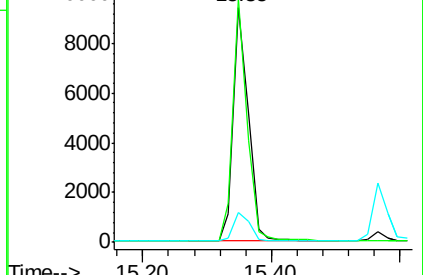
167 12.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.36 ng/ul

RT: 16.71 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

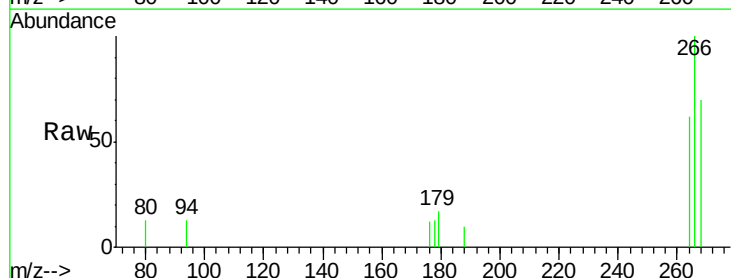
Tgt Ion:266 Resp: 945

Ion Ratio Lower Upper

266 100

264 61.0 48.8 73.2

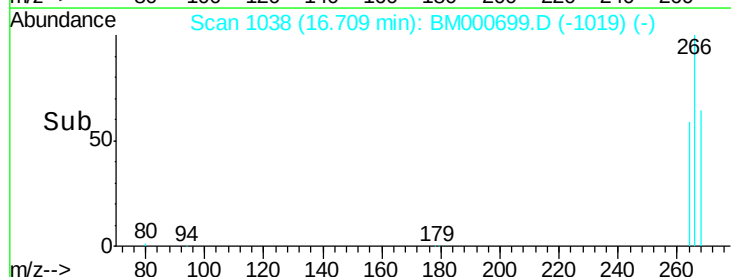
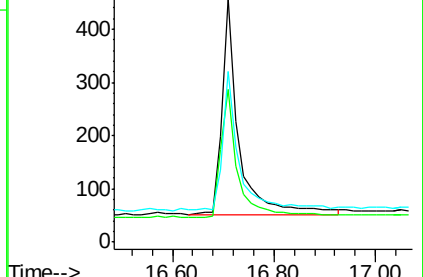
268 64.6 51.7 77.5

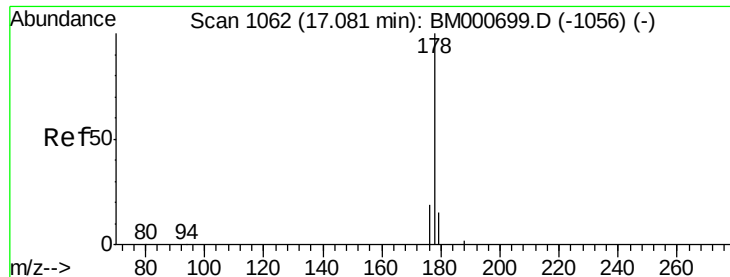


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.41 ng/ul

RT: 17.08 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

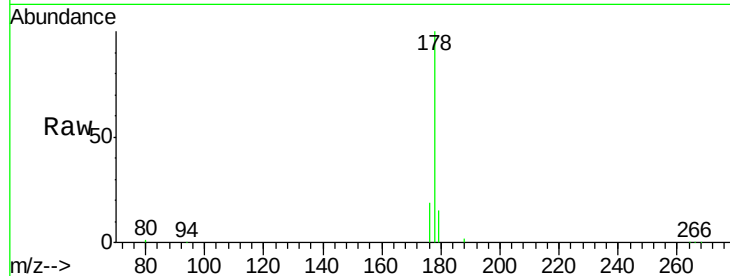
Tgt Ion:178 Resp: 24369

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

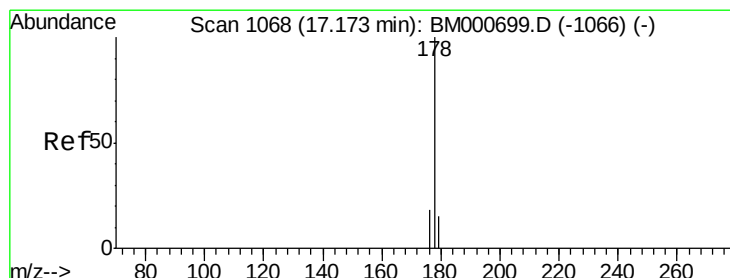
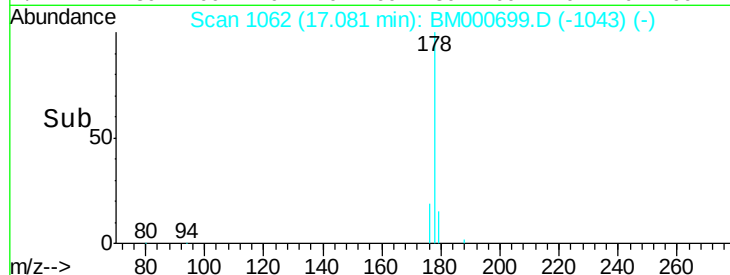
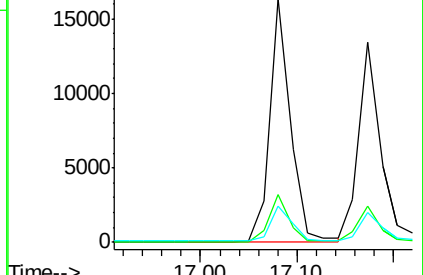
179 15.1 12.1 18.1



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: 0.41 ng/ul

RT: 17.17 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

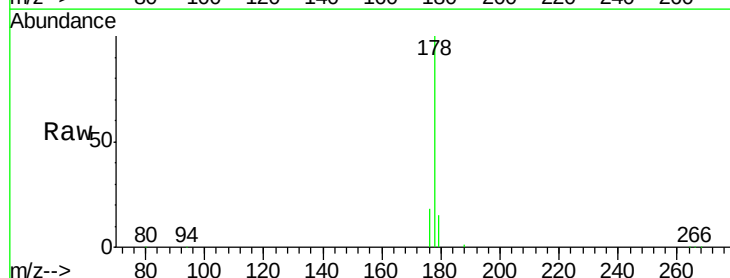
Tgt Ion:178 Resp: 22065

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

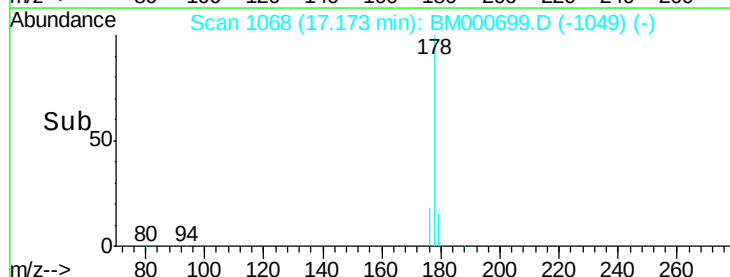
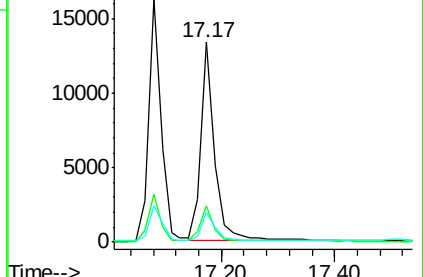
179 15.2 12.2 18.2

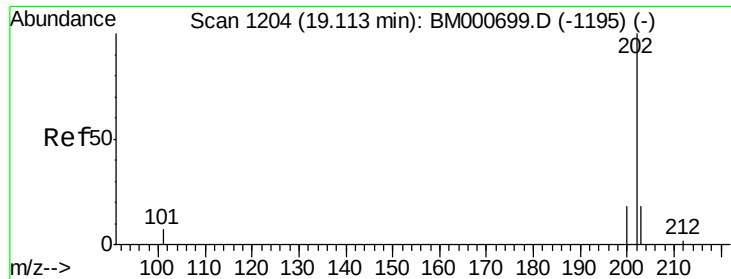


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.11 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

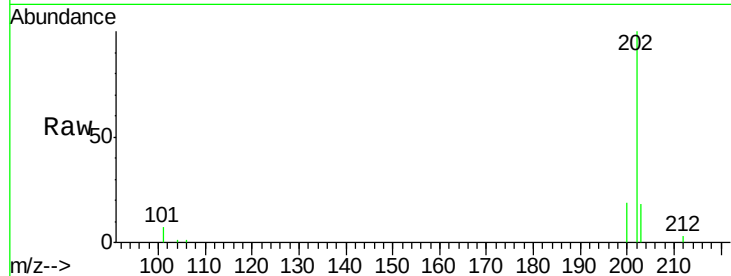
Tgt Ion:202 Resp: 27861

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.4

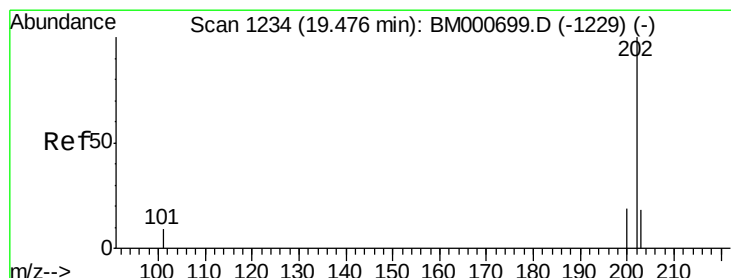
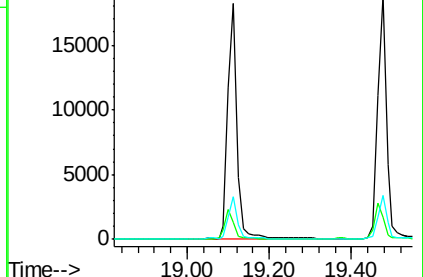
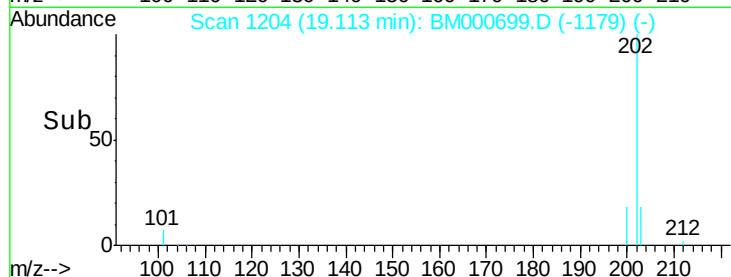
203 18.1 0.0 38.1



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: 0.41 ng/ul

RT: 19.48 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

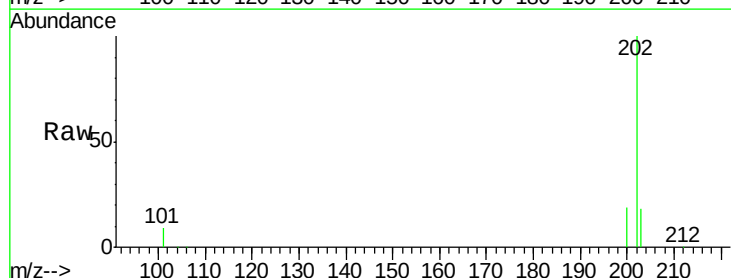
Tgt Ion:202 Resp: 28387

Ion Ratio Lower Upper

202 100

200 19.4 15.5 23.3

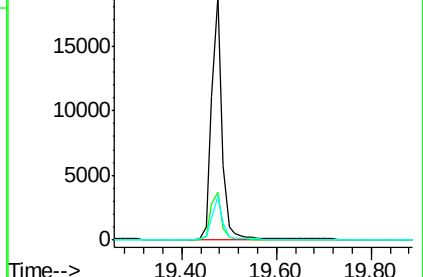
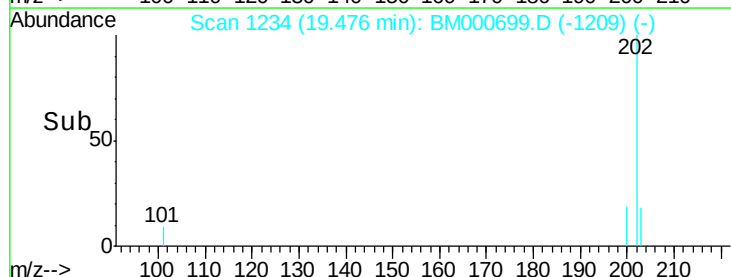
203 18.0 14.4 21.6

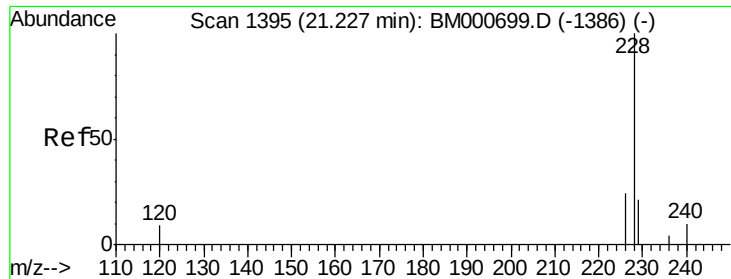


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

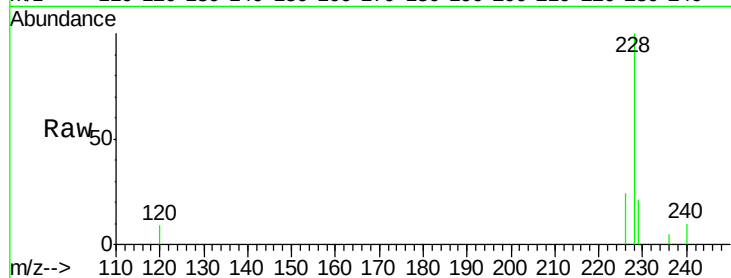
Tgt Ion:228 Resp: 22798

Ion Ratio Lower Upper

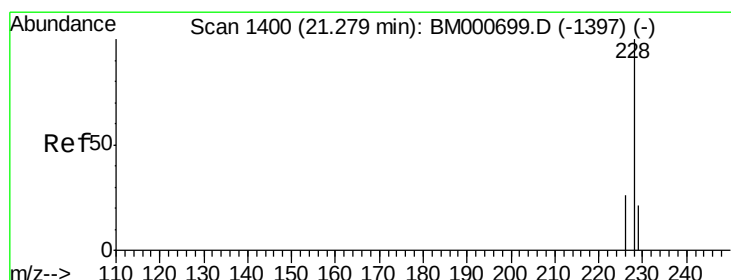
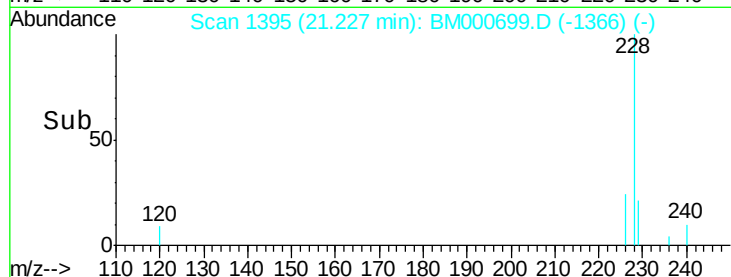
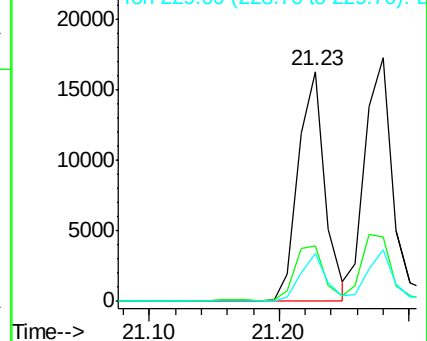
228 100

226 23.9 19.1 28.7

229 20.9 16.7 25.1



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: 0.40 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

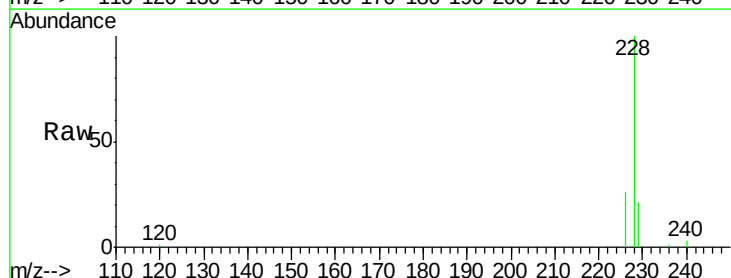
Tgt Ion:228 Resp: 27016

Ion Ratio Lower Upper

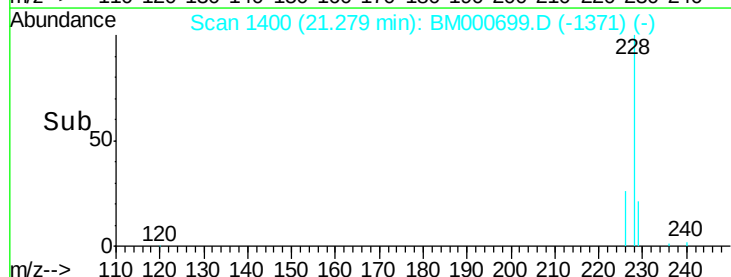
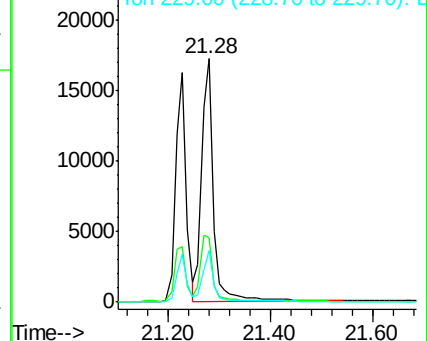
228 100

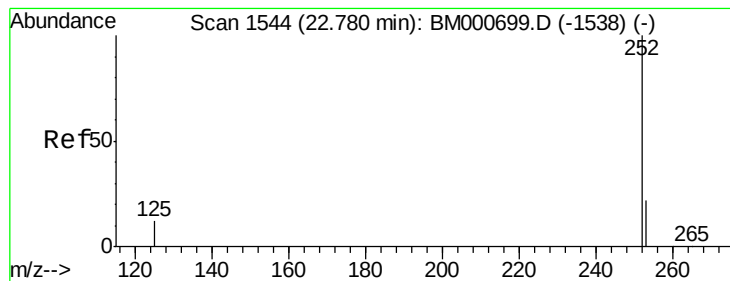
226 26.2 21.0 31.4

229 21.2 17.0 25.4



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: 0.41 ng/ul

RT: 22.78 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

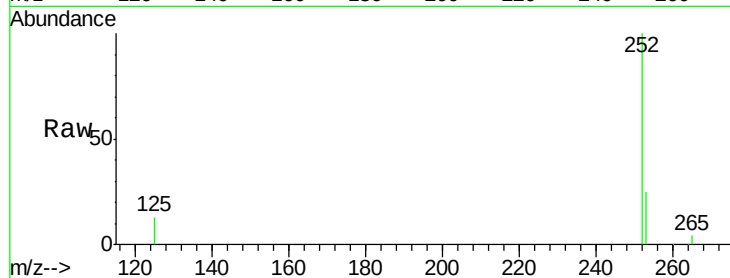
Tgt Ion:252 Resp: 24929

Ion Ratio Lower Upper

252 100

253 24.8 0.0 49.6

125 12.7 0.0 25.4

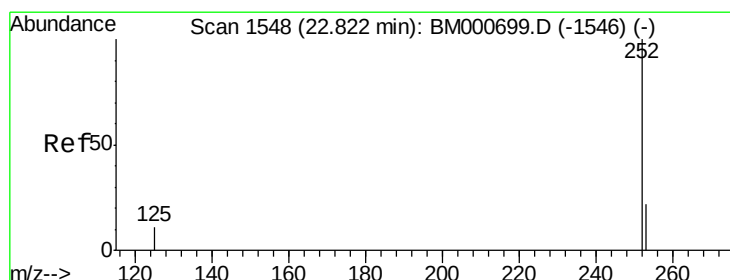
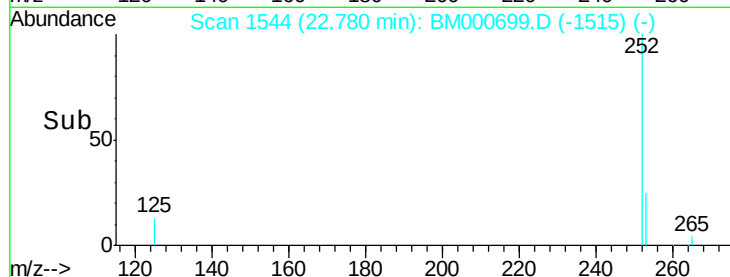
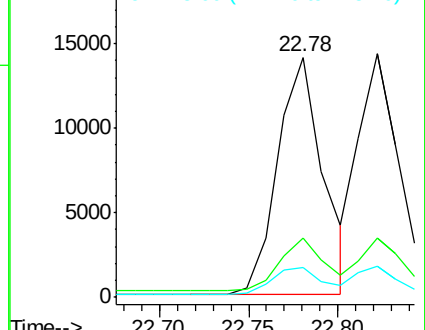


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.41 ng/ul

RT: 22.82 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

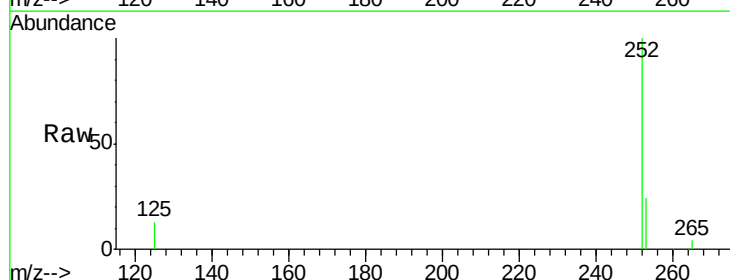
Tgt Ion:252 Resp: 24918

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

125 12.6 10.1 15.1

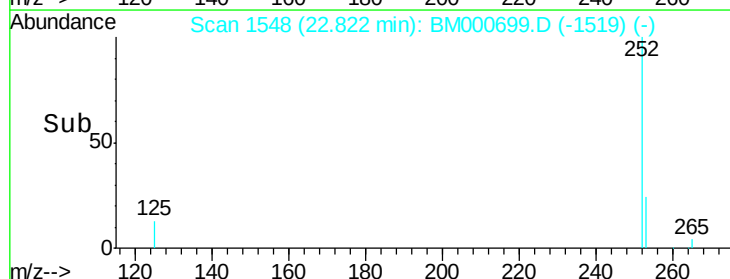
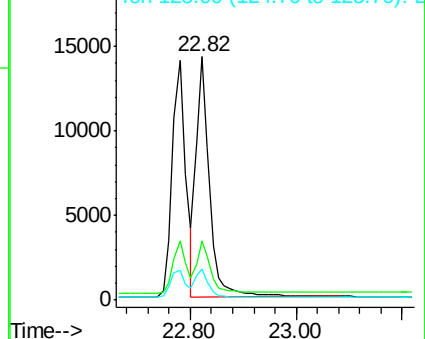


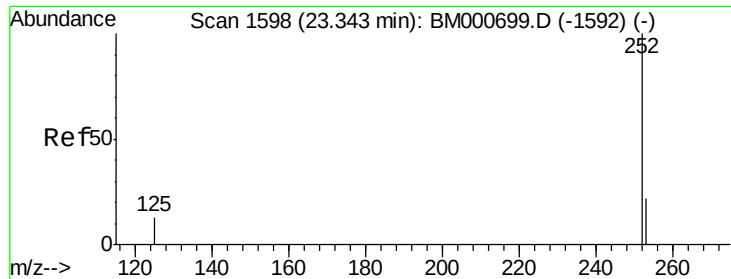
Abundance

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: 0.41 ng/ul

RT: 23.34 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

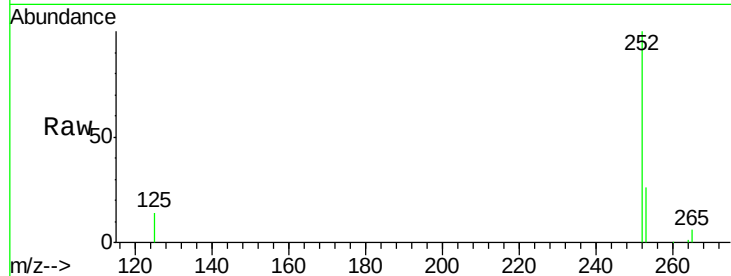
Tgt Ion:252 Resp: 22915

Ion Ratio Lower Upper

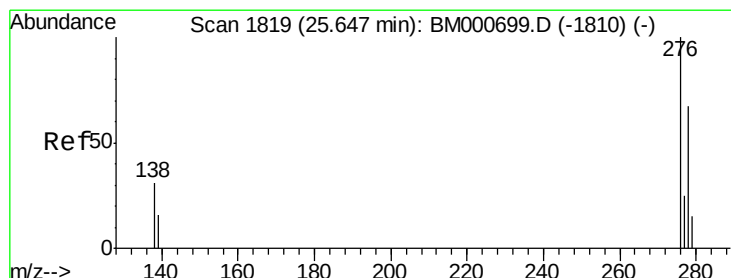
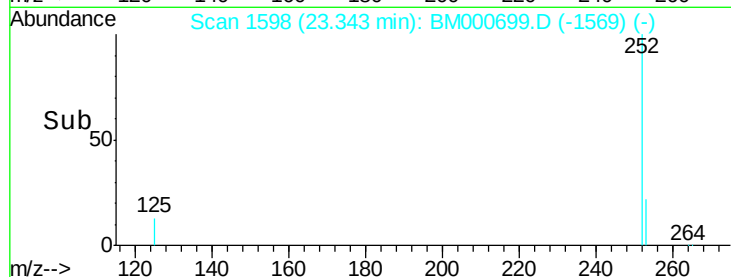
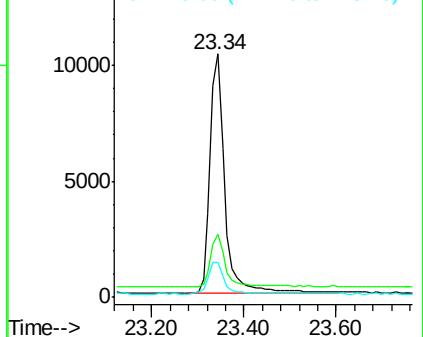
252 100

253 26.1 20.9 31.3

125 14.2 11.4 17.0



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: 0.40 ng/ul

RT: 25.65 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

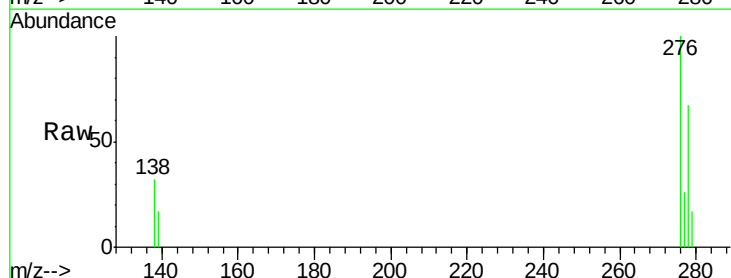
Tgt Ion:276 Resp: 24265

Ion Ratio Lower Upper

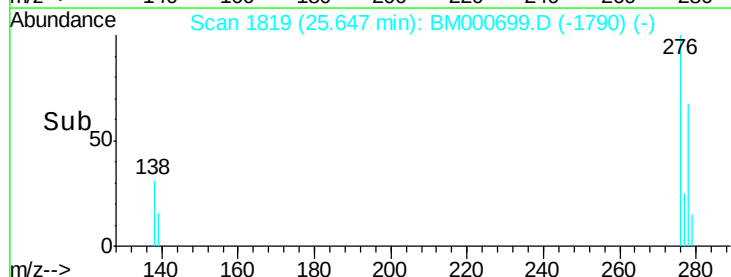
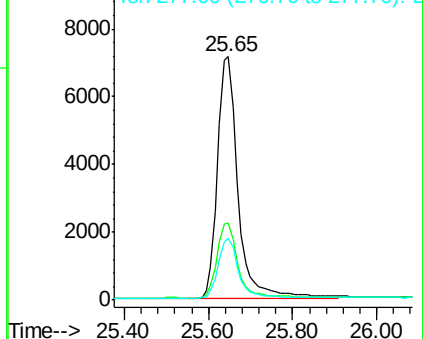
276 100

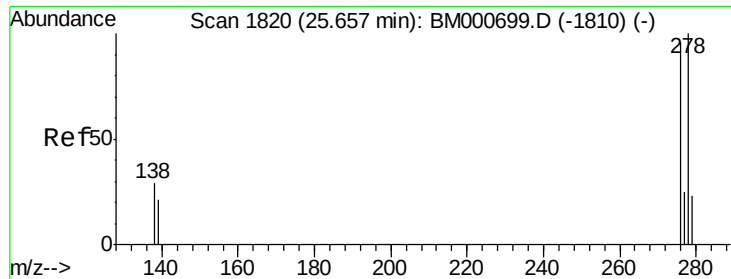
138 32.0 25.6 38.4

277 24.6 19.7 29.5



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: 0.40 ng/ul

RT: 25.66 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

Instrument :

BNA_M

ClientSampleId :

SSTD0.473

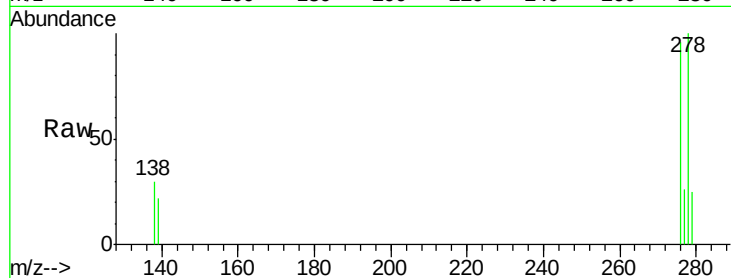
Tgt Ion: 278 Resp: 19219

Ion Ratio Lower Upper

278 100

139 21.8 17.4 26.2

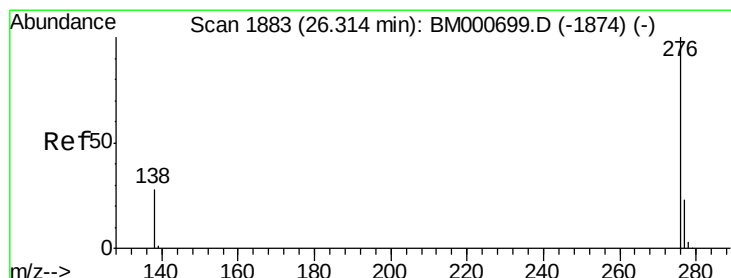
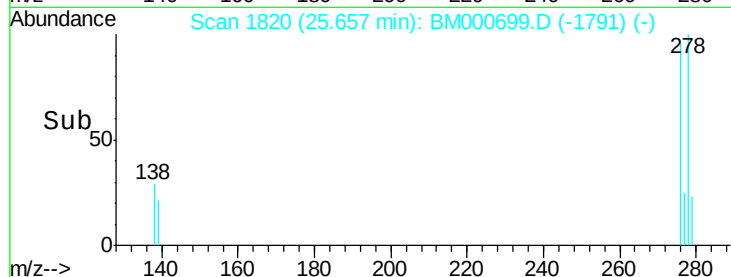
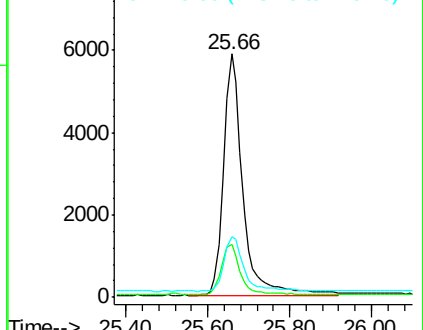
279 25.0 20.0 30.0



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: 0.41 ng/ul

RT: 26.31 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BM000699.D

Acq: 12 Mar 2015 15:06

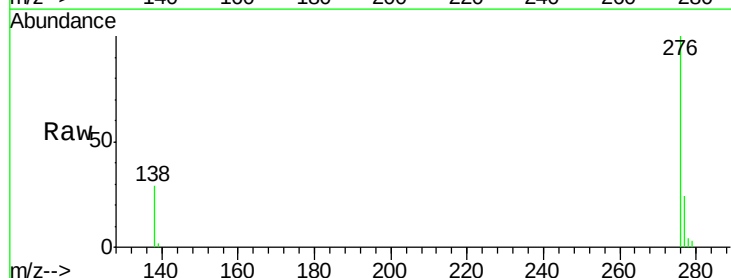
Tgt Ion: 276 Resp: 21597

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 29.1 23.3 34.9



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

