

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101515\
 Data File : BE091020.D
 Acq On : 15 Oct 2015 16:13
 Operator : UM/IZ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.480

Quant Time: Oct 15 18:20:27 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 05:50:36 2015
 Response via : Initial Calibration

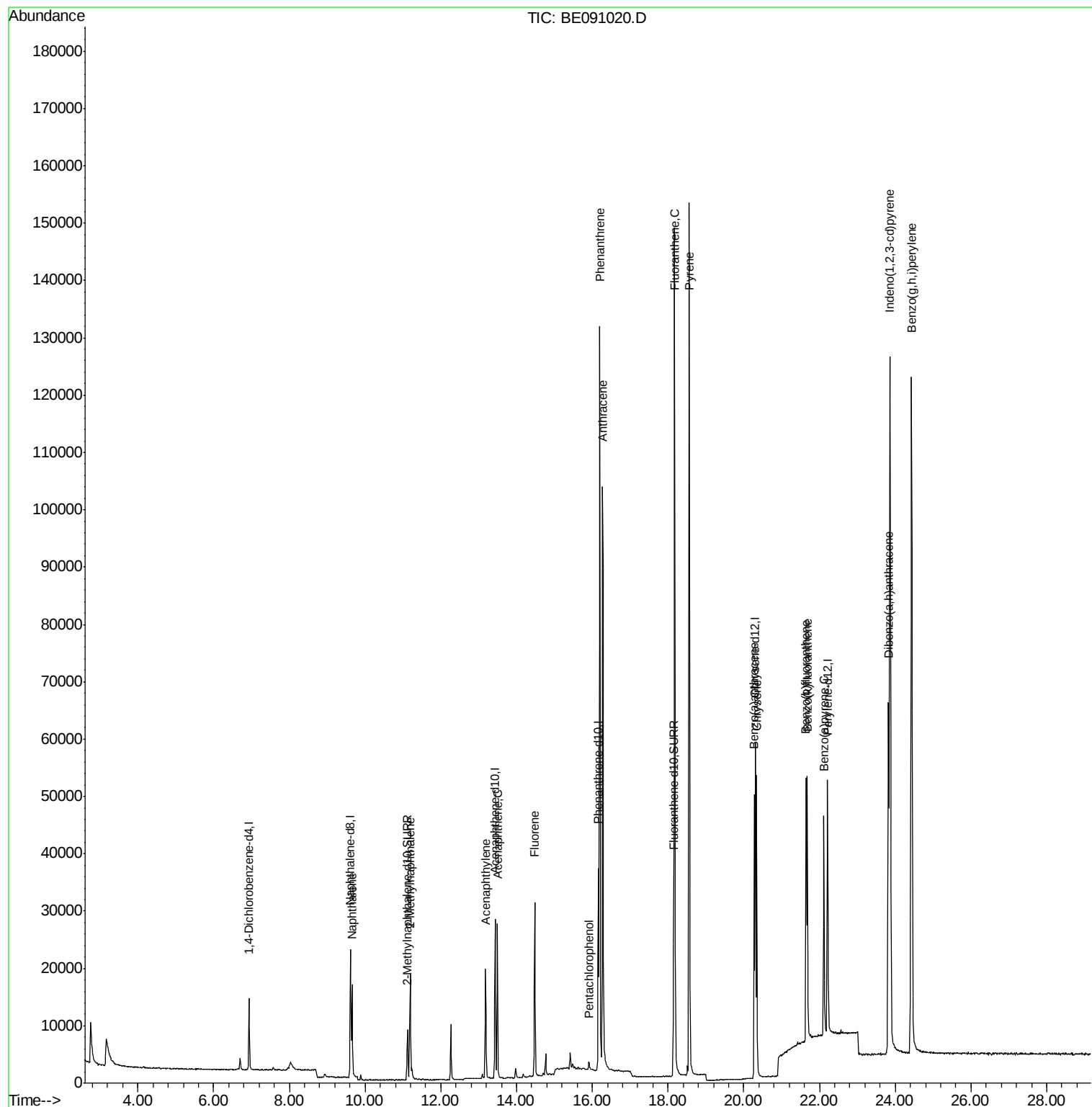
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	6075	0.40	ng/ul	-0.01
2) Naphthalene-d8	9.62	136	28391	0.40	ng/ul	-0.01
6) Acenaphthene-d10	13.44	164	15688	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	39749	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	49523	0.40	ng/ul	0.00
20) Perylene-d12	22.21	264	48549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.12	152	12146	0.38	ng/ul	-0.01
14) Fluoranthene-d10	18.15	212	34493	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	9.66	128	24185	0.37	ng/ul	100
5) 2-Methylnaphthalene	11.19	142	14101	0.39	ng/ul	95
7) Acenaphthylene	13.17	152	22565	0.39	ng/ul	99
8) Acenaphthene	13.49	153	16108	0.39	ng/ul	96
9) Fluorene	14.48	166	19652	0.38	ng/ul	96
11) Pentachlorophenol	15.92	266	1076	0.24	ng/ul	93
12) Phenanthrene	16.20	178	138999	0.40	ng/ul	96
13) Anthracene	16.27	178	130784	0.38	ng/ul	96
15) Fluoranthene	18.17	202	163578	0.37	ng/ul	99
17) Pyrene	18.56	202	166211	0.39	ng/ul	99
18) Benzo(a)anthracene	20.28	228	41519	0.38	ng/ul	98
19) Chrysene	20.34	228	44222	0.38	ng/ul	98
21) Benzo(b)fluoranthene	21.64	252	47499	0.41	ng/ul	86
22) Benzo(k)fluoranthene	21.68	252	43906	0.37	ng/ul#	88
23) Benzo(a)pyrene	22.12	252	44865	0.40	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	23.86	276	218296	0.48	ng/ul#	89
25) Dibenzo(a,h)anthracene	23.82	278	45055	0.39	ng/ul	96
26) Benzo(g,h,i)perylene	24.43	276	190985	0.40	ng/ul	92

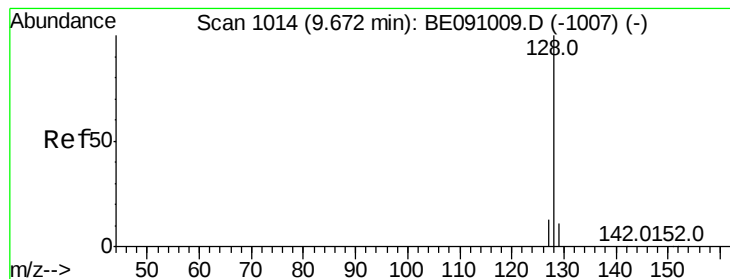
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.37 ng/ul

RT: 9.66 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

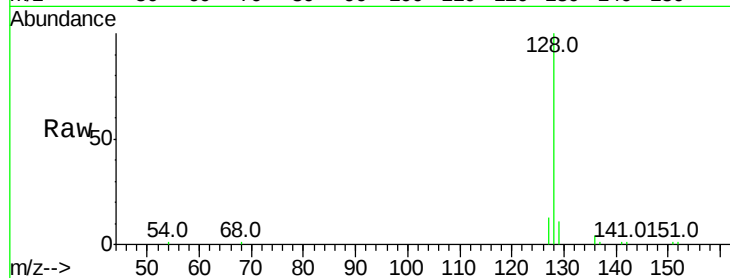
Tot Ion:128 Resp: 24185

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

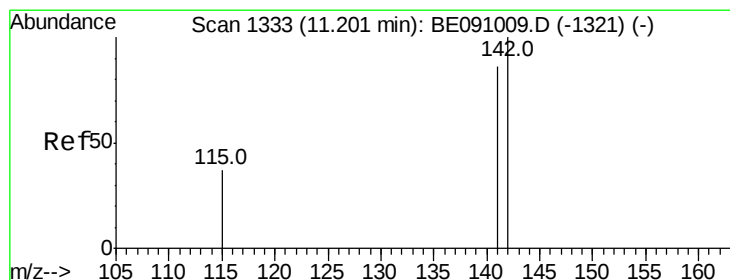
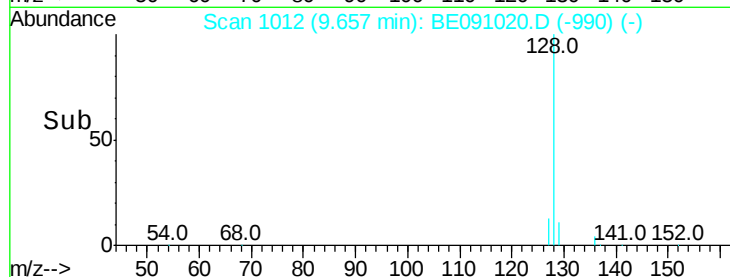
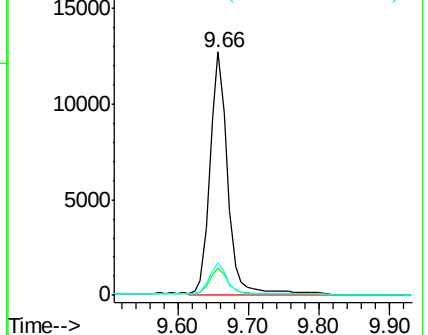
127 13.5 10.7 16.1



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



#5

2-Methylnaphthalene

Concen: 0.39 ng/ul

RT: 11.19 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BE091020.D

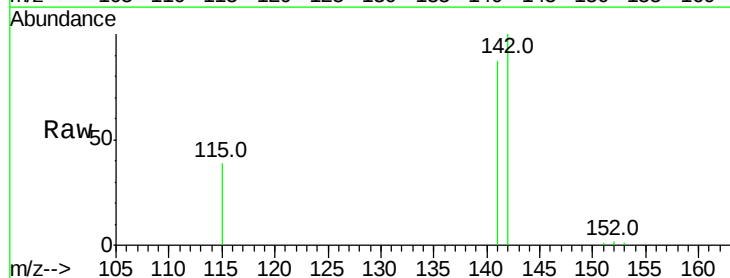
Acq: 15 Oct 2015 16:13

Tgt Ion:142 Resp: 14101

Ion Ratio Lower Upper

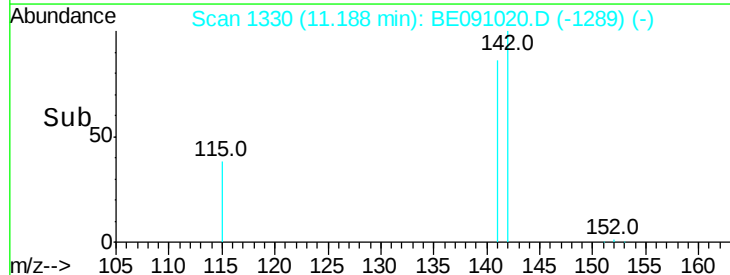
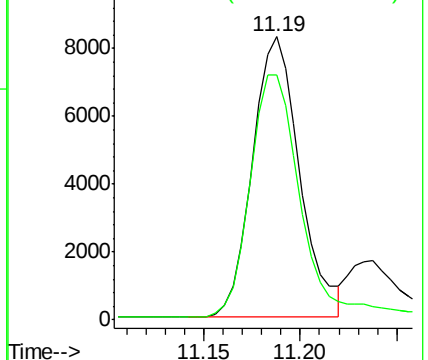
142 100

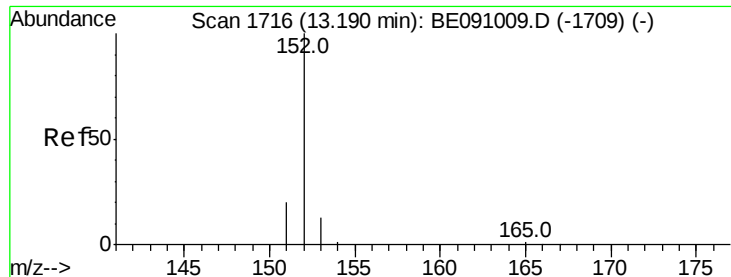
141 94.7 79.4 119.0



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: 13.17 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

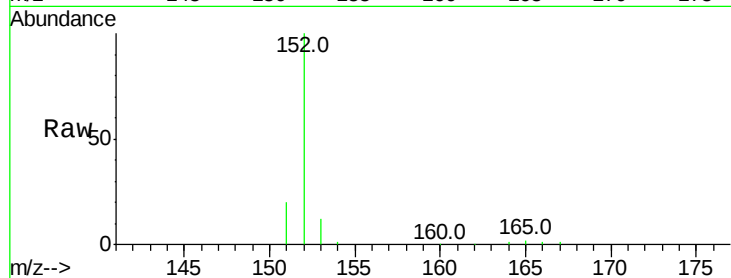
Tot Ion:152 Resp: 22565

Ion Ratio Lower Upper

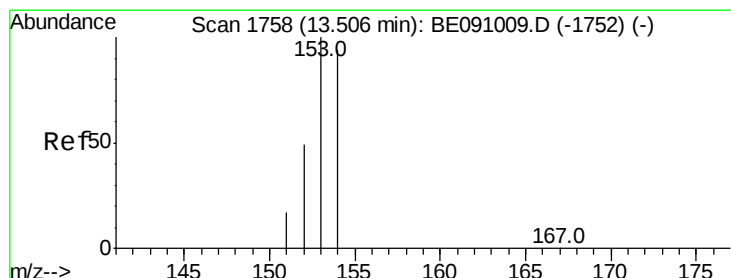
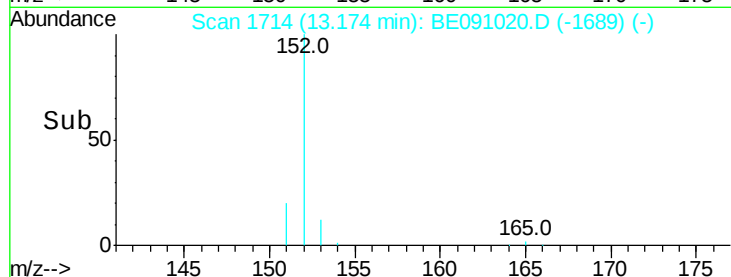
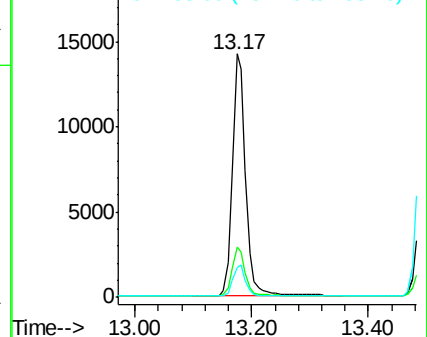
152 100

151 20.5 16.6 24.8

153 12.4 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: 13.49 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

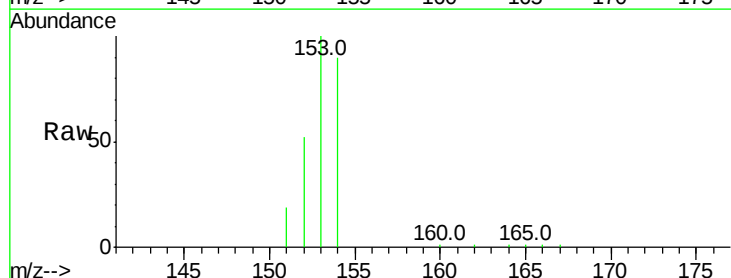
Tgt Ion:153 Resp: 16108

Ion Ratio Lower Upper

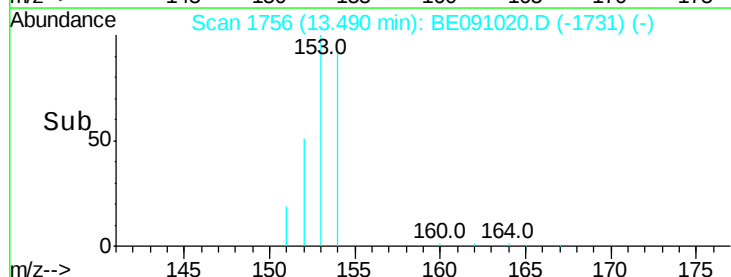
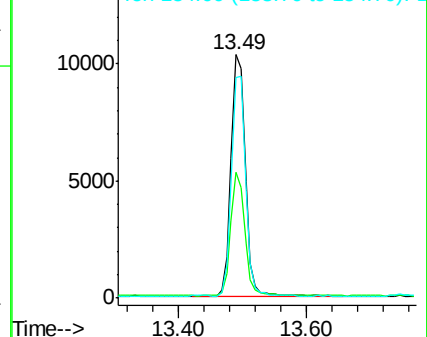
153 100

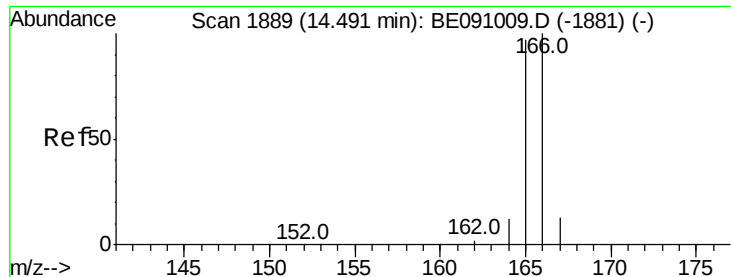
152 51.7 39.8 59.8

154 90.5 75.4 113.2



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: 0.38 ng/ul

RT: 14.48 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

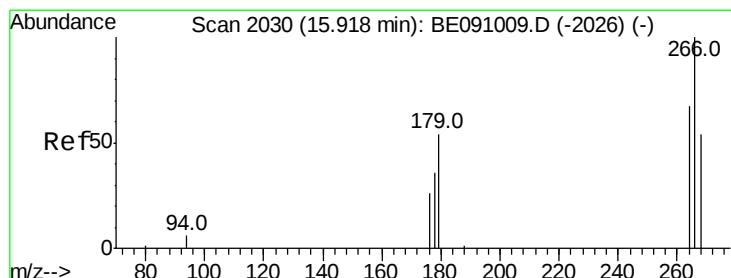
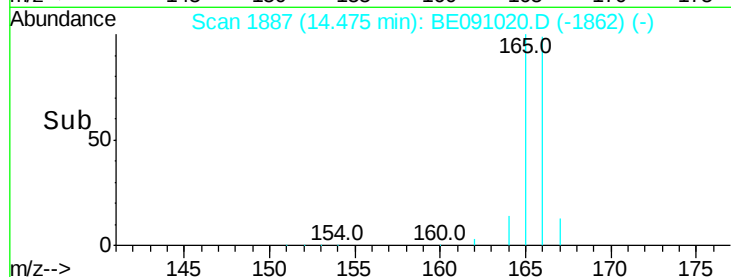
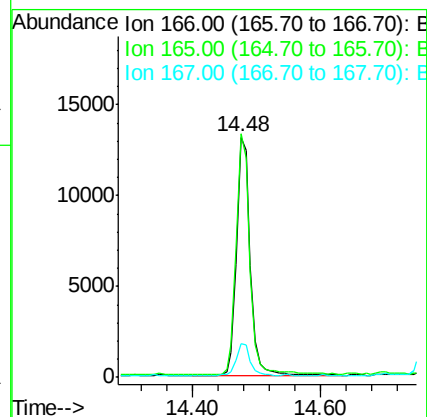
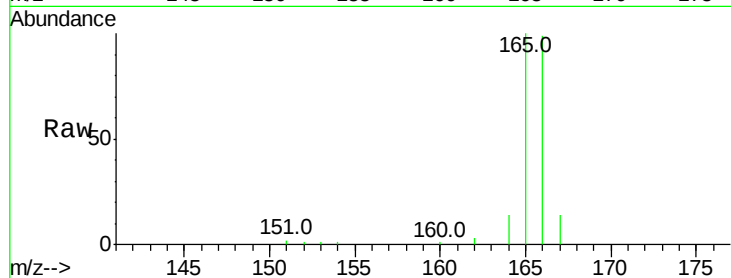
Tot Ion:166 Resp: 19652

Ion Ratio Lower Upper

166 100

165 101.4 77.7 116.5

167 14.3 10.9 16.3



#11

Pentachlorophenol

Concen: 0.24 ng/ul

RT: 15.92 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

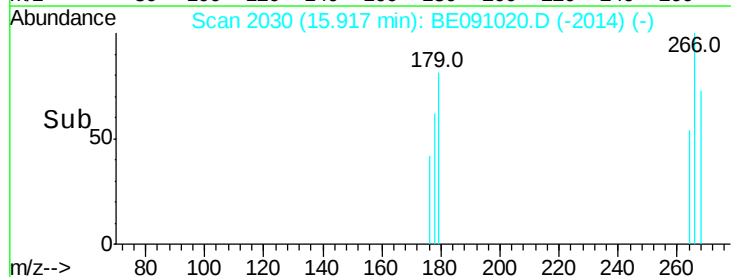
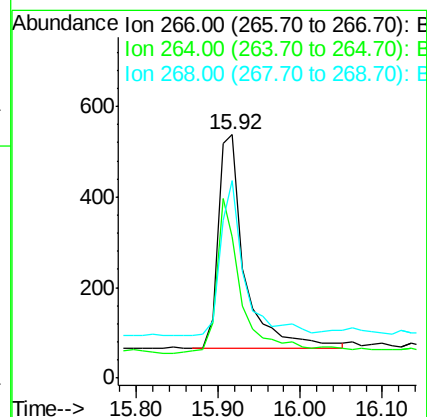
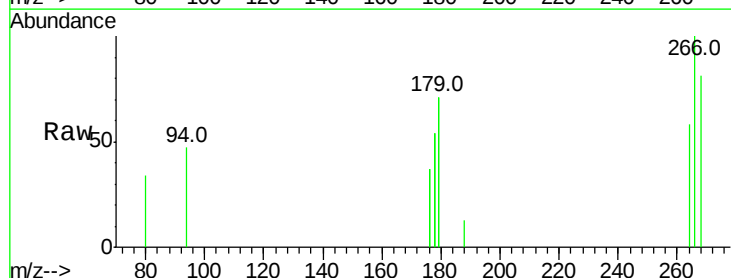
Tgt Ion:266 Resp: 1076

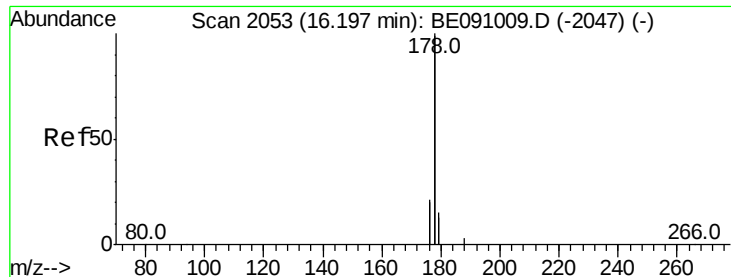
Ion Ratio Lower Upper

266 100

264 68.1 50.7 76.1

268 66.0 57.6 86.4





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 16.20 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

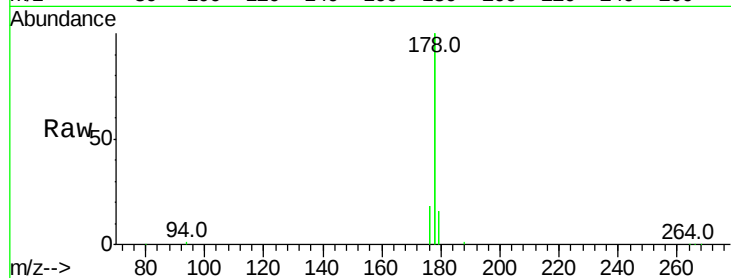
Tot Ion:178 Resp: 138999

Ion Ratio Lower Upper

178 100

176 18.1 16.9 25.3

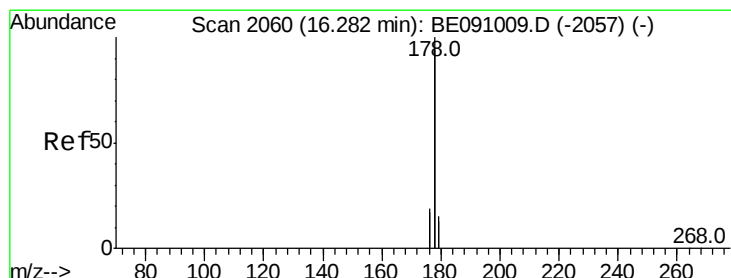
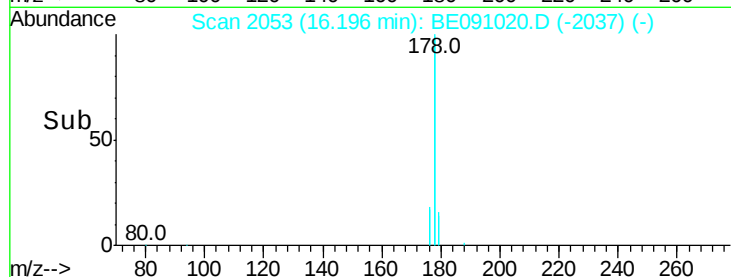
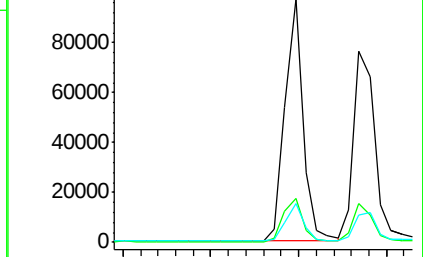
179 15.8 12.0 18.0



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: 0.38 ng/ul

RT: 16.27 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

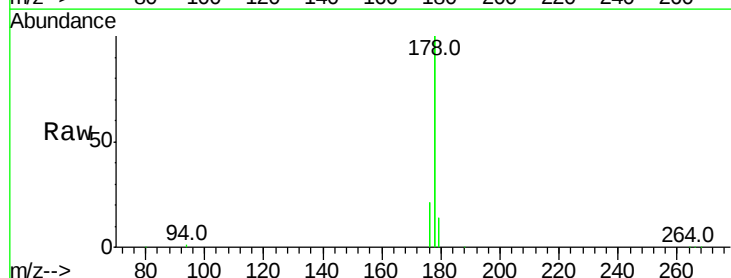
Tgt Ion:178 Resp: 130784

Ion Ratio Lower Upper

178 100

176 20.6 14.9 22.3

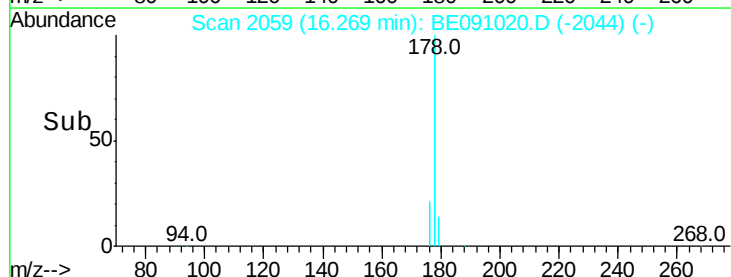
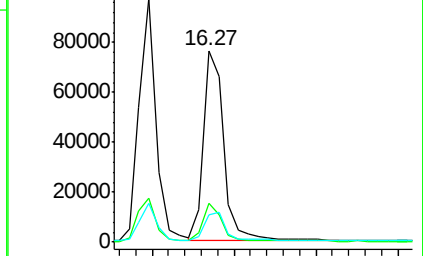
179 14.4 12.3 18.5

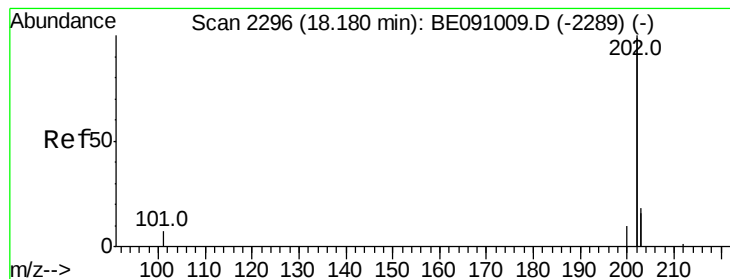


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.37 ng/ul

RT: 18.17 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

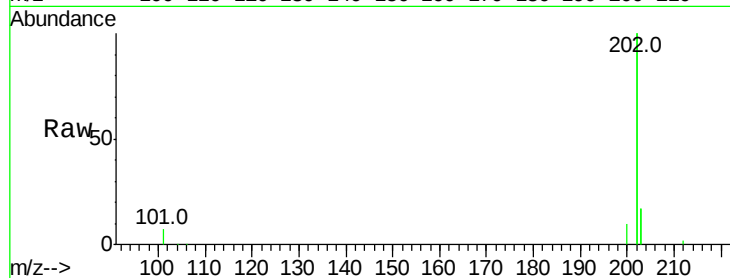
Tot Ion:202 Resp: 163578

Ion Ratio Lower Upper

202 100

101 3.5 0.0 23.7

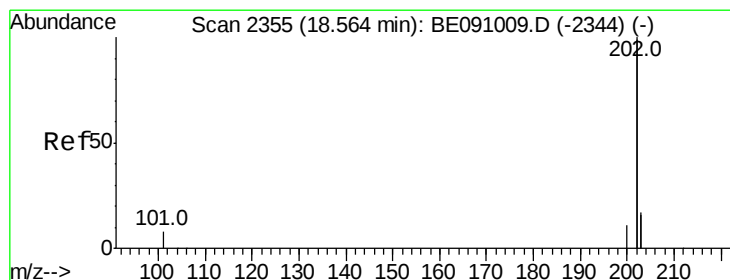
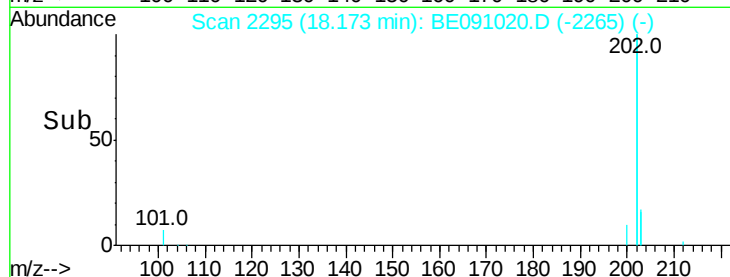
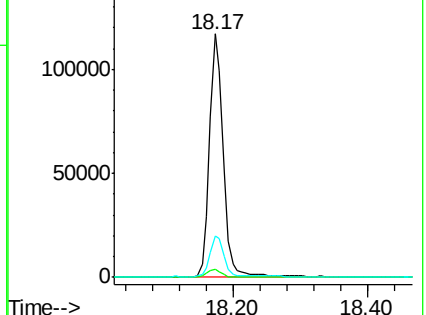
203 17.1 0.0 37.5



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: 0.39 ng/ul

RT: 18.56 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

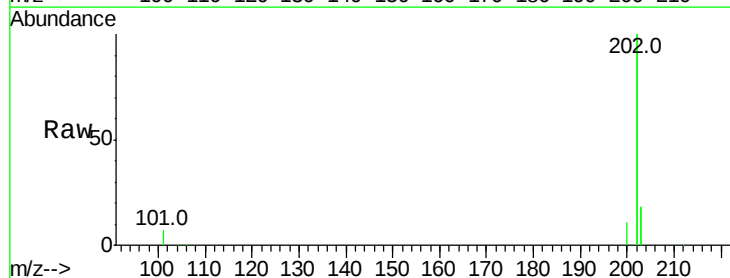
Tgt Ion:202 Resp: 166211

Ion Ratio Lower Upper

202 100

200 5.3 4.3 6.5

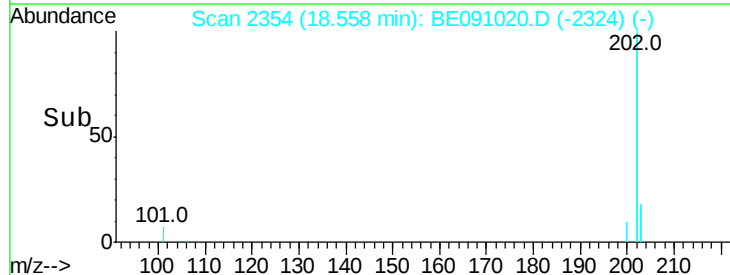
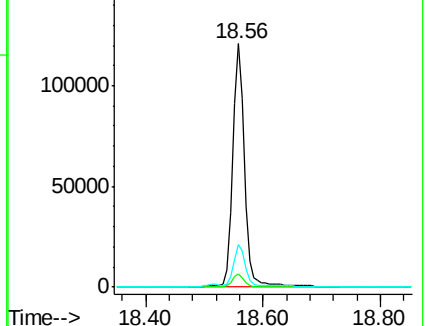
203 17.7 13.9 20.9

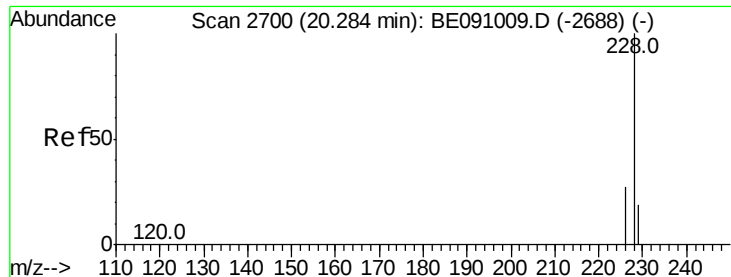


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.38 ng/ul

RT: 20.28 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

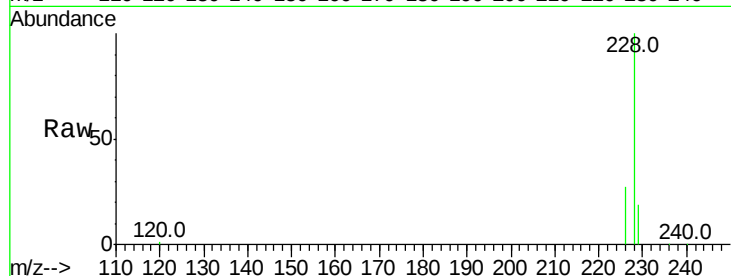
Tot Ion:228 Resp: 41519

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

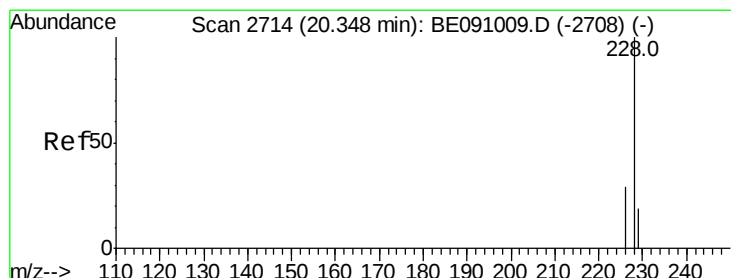
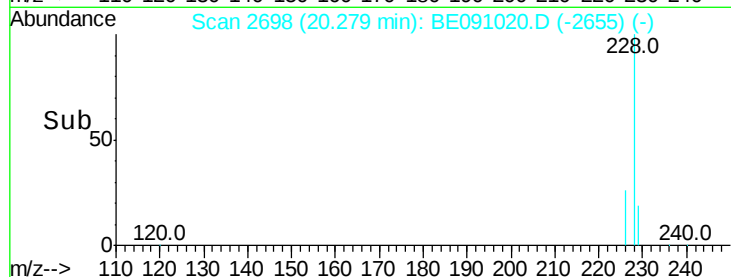
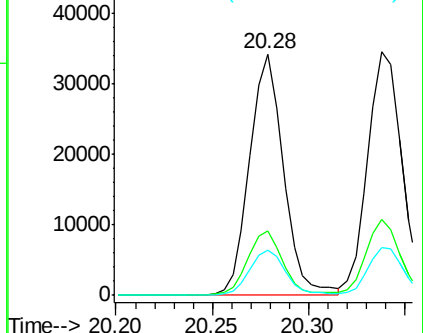
229 18.8 15.8 23.6



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: 0.38 ng/ul

RT: 20.34 min Scan# 2711

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

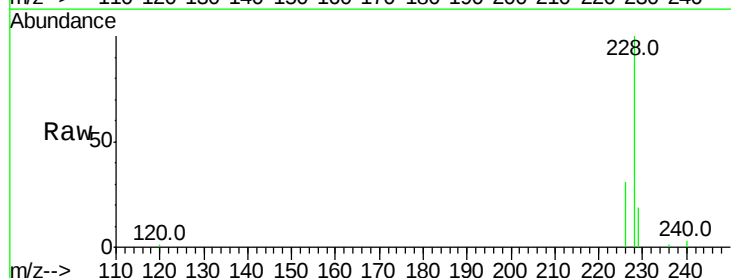
Tgt Ion:228 Resp: 44222

Ion Ratio Lower Upper

228 100

226 31.3 23.6 35.4

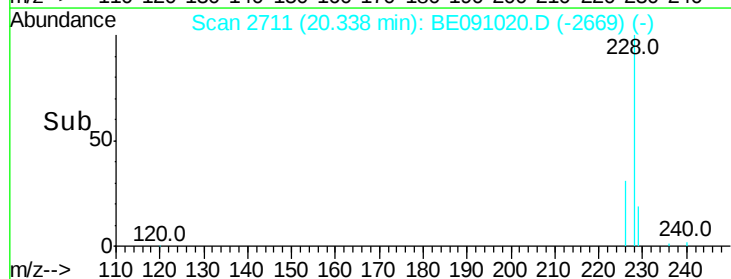
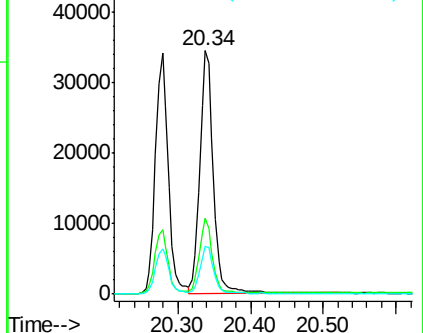
229 19.5 15.8 23.8

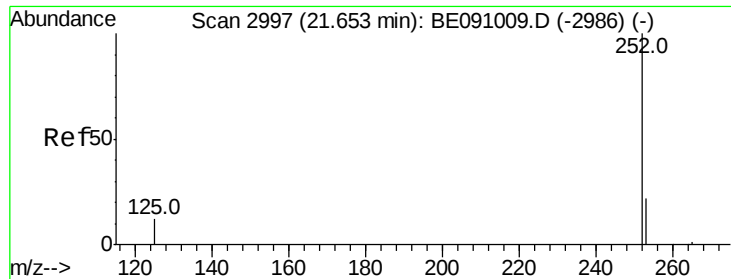


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.41 ng/ul

RT: 21.64 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

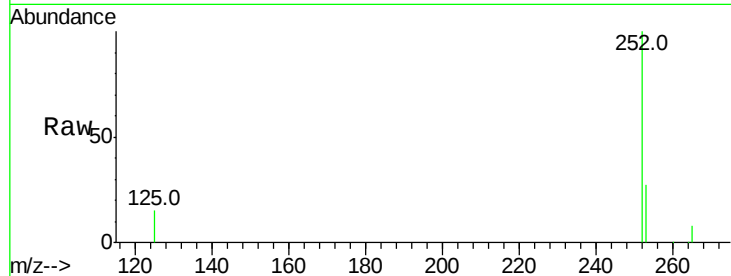
Tot Ion:252 Resp: 47499

Ion Ratio Lower Upper

252 100

253 27.2 0.0 76.2

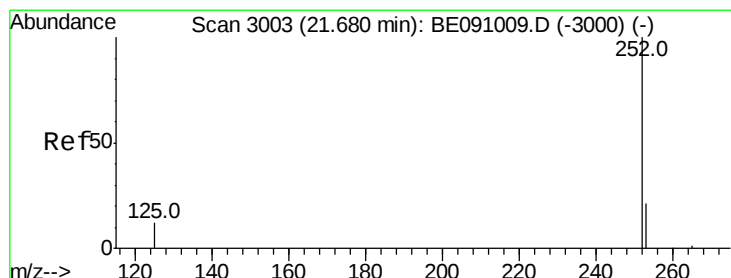
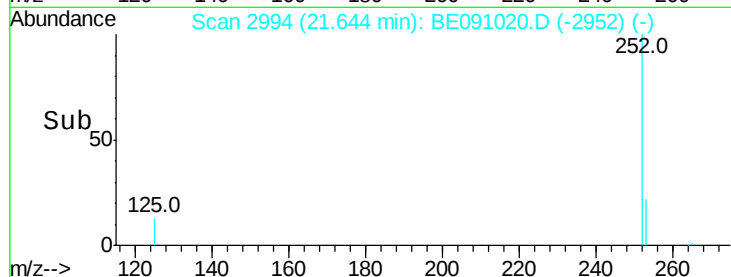
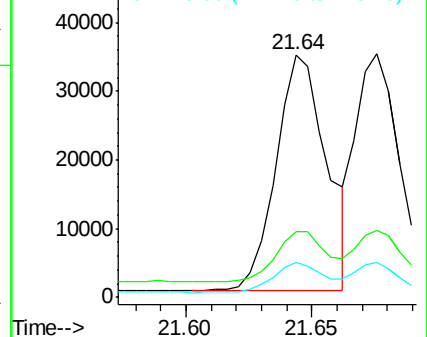
125 14.5 0.0 31.2



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: 0.37 ng/ul

RT: 21.68 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

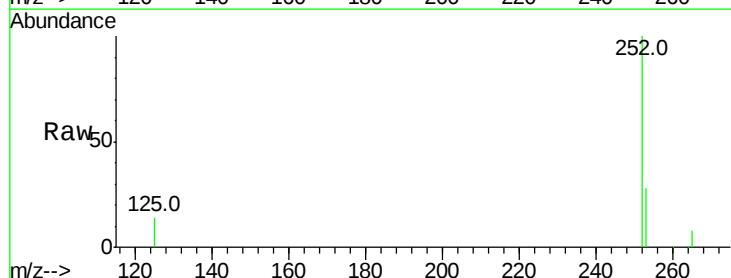
Tgt Ion:252 Resp: 43906

Ion Ratio Lower Upper

252 100

253 27.7 29.8 44.6#

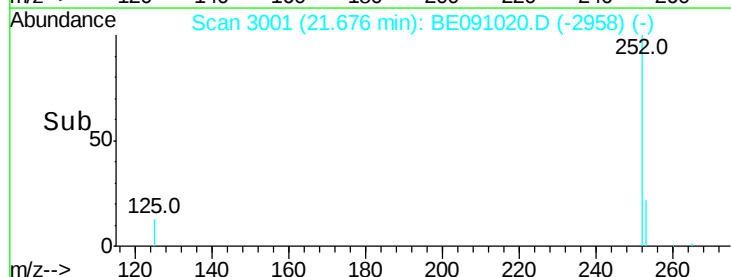
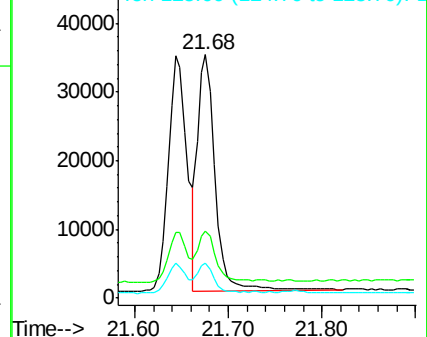
125 14.4 12.2 18.4

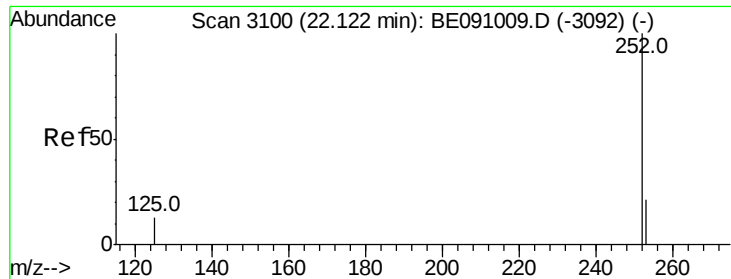


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 22.12 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

Instrument :

BNA_E

ClientSampleId :

SSTD0.480

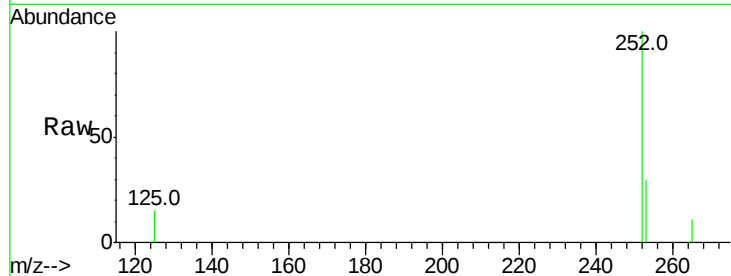
Tot Ion:252 Resp: 44865

Ion Ratio Lower Upper

252 100

253 29.5 34.0 51.0#

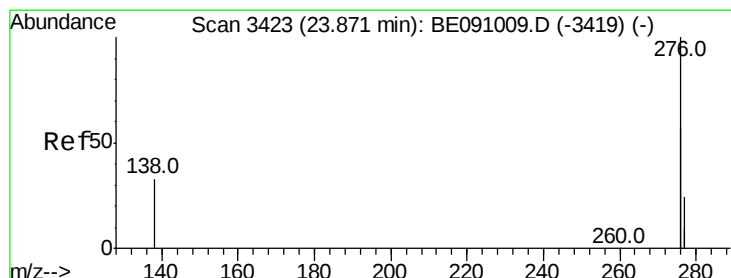
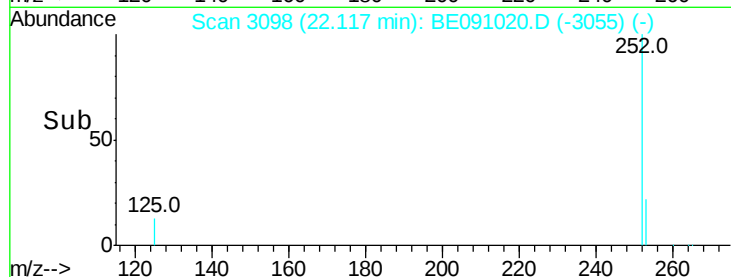
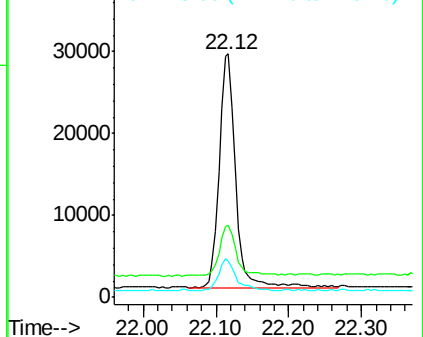
125 15.0 13.6 20.4



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: 0.48 ng/ul

RT: 23.86 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BE091020.D

Acq: 15 Oct 2015 16:13

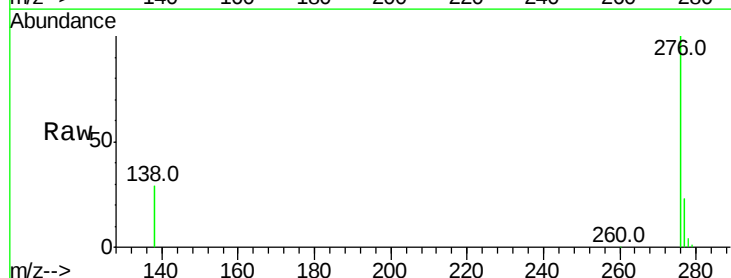
Tgt Ion:276 Resp: 218296

Ion Ratio Lower Upper

276 100

138 18.8 19.5 29.3#

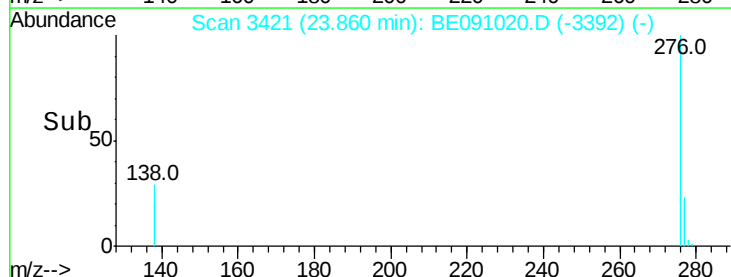
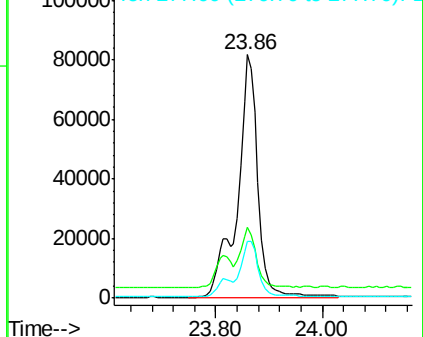
277 19.0 19.4 29.0#

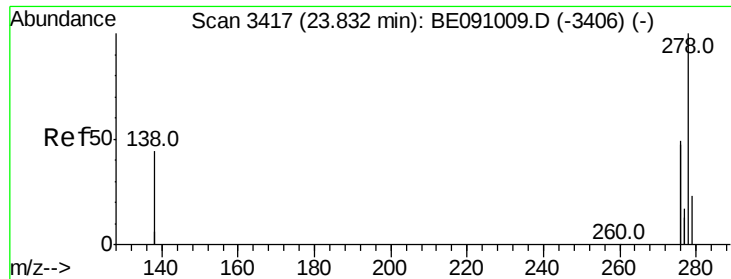


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



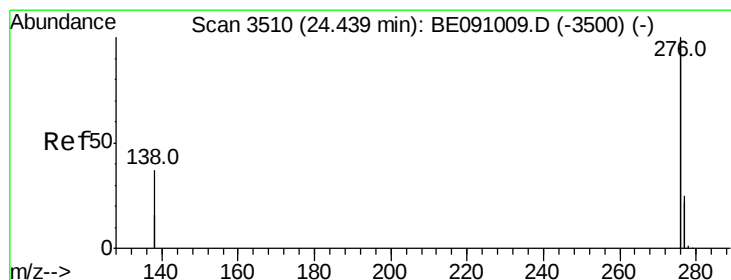
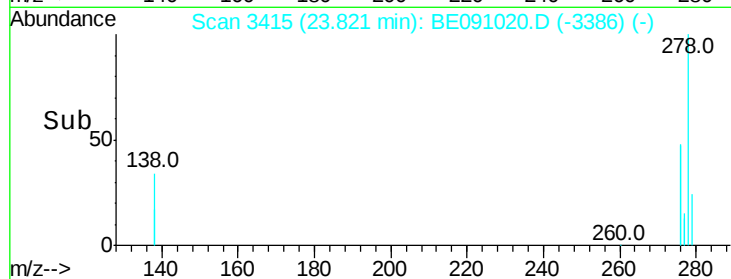
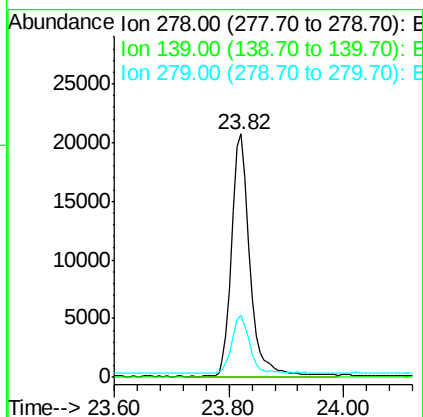
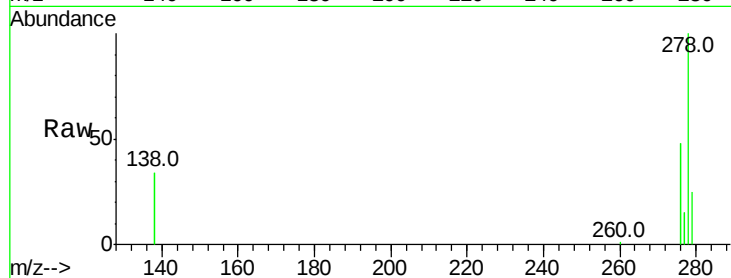


#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 23.82 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BE091020.D
Acq: 15 Oct 2015 16:13

Instrument :
BNA_E
ClientSampleId :
SSTD0.480

Tot Ion:278 Resp: 45055

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	25.4	22.1	33.1



#26
Benzo(g,h,i)perylene
Concen: 0.40 ng/ul
RT: 24.43 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BE091020.D
Acq: 15 Oct 2015 16:13

Tgt Ion:276 Resp: 190985

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	29.7	29.4	44.2

