

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
 Data File : BE091263.D
 Acq On : 21 Nov 2015 3:13
 Operator : UM/NP
 Sample : G4310-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KN8

Quant Time: Nov 21 04:55:59 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 04:53:50 2015
 Response via : Initial Calibration

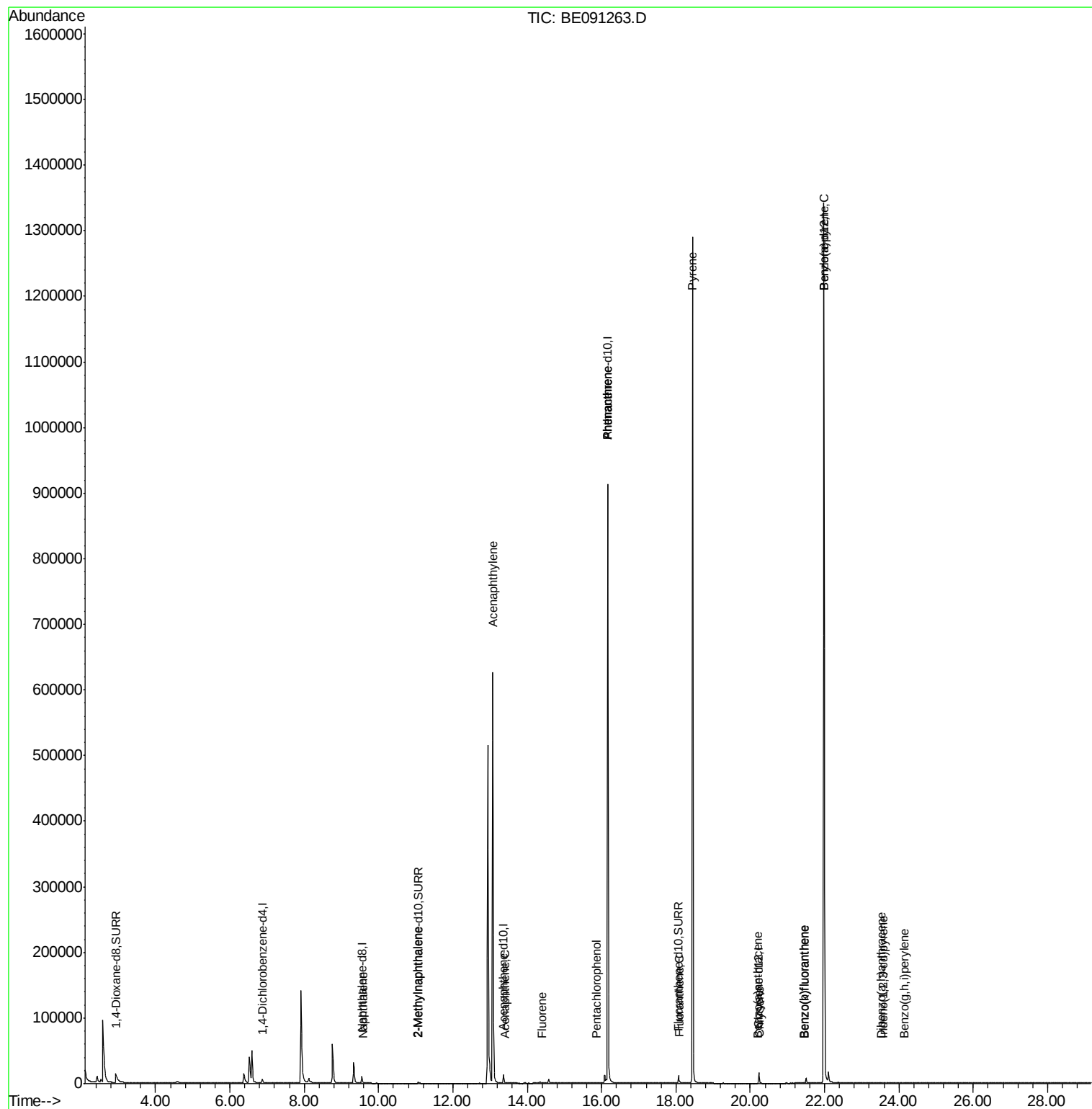
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2758	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	12915	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6318	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.16	188	1094552	0.40	ng/ul	0.06
18) Chrysene-d12	20.23	240	16434	0.40	ng/ul	0.00
22) Perylene-d12	21.99	264	1399321	0.40	ng/ul	-0.13
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	19188	9.67	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	4378	0.25	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	12383	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	474	0.01	ng/ul#	37
7) 2-Methylnaphthalene	11.05	142	3	0.00	ng/ul	87
9) Acenaphthylene	13.08	152	157	0.00	ng/ul#	1
10) Acenaphthene	13.42	153	39	0.00	ng/ul#	78
11) Fluorene	14.41	166	144	0.01	ng/ul#	83
13) Pentachlorophenol	15.86	266	122	0.00	ng/ul#	81
14) Phenanthrene	16.16	178	3346	0.00	ng/ul#	1
15) Anthracene	16.16	178	3539	0.00	ng/ul#	1
17) Fluoranthene	18.09	202	3751	0.00	ng/ul	78
19) Pyrene	18.45	202	12731	0.07	ng/ul#	1
20) Benzo(a)anthracene	20.20	228	490	0.01	ng/ul#	66
21) Chrysene	20.27	228	679	0.01	ng/ul#	77
23) Benzo(b)fluoranthene	21.45	252	10	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	21.47	252	15	0.00	ng/ul#	1
25) Benzo(a)pyrene	21.98	252	5223	0.00	ng/ul#	54
26) Indeno(1,2,3-cd)pyrene	23.57	276	18	0.00	ng/ul#	2
27) Dibenzo(a,h)anthracene	23.53	278	9	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	24.13	276	10	0.00	ng/ul#	1

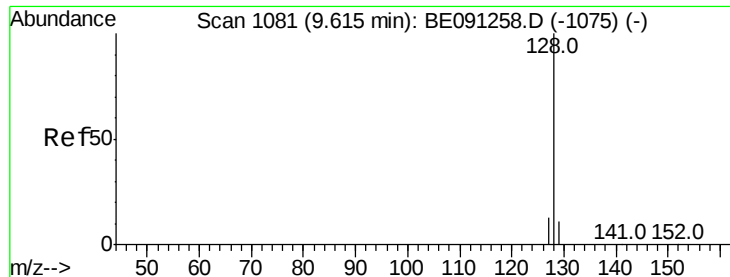
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
Data File : BE091263.D
Acq On : 21 Nov 2015 3:13
Operator : UM/NP
Sample : G4310-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KN8

Quant Time: Nov 21 04:55:59 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:53:50 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.01 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

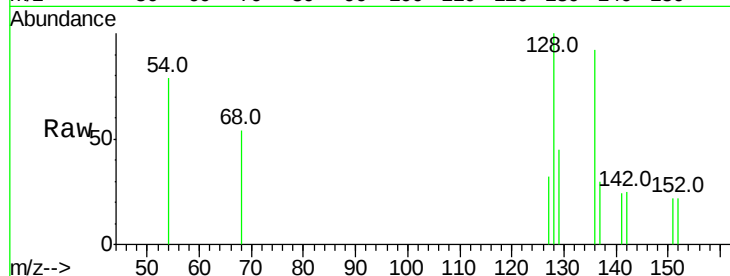
Tot Ion:128 Resp: 474

Ion Ratio Lower Upper

128 100

129 44.7 9.8 14.8#

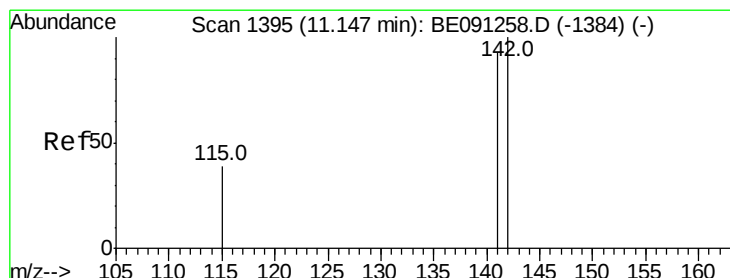
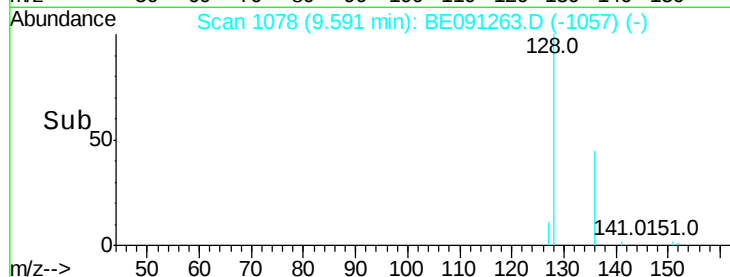
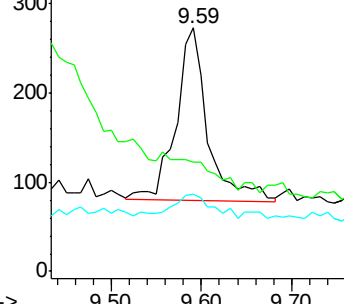
127 31.5 10.7 16.1#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.05 min Scan# 1374

Delta R.T. -0.10 min

Lab File: BE091263.D

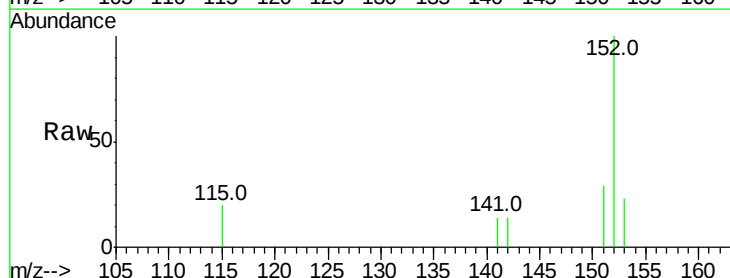
Acq: 21 Nov 2015 3:13

Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

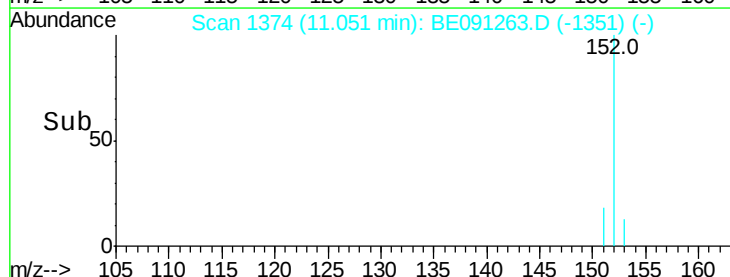
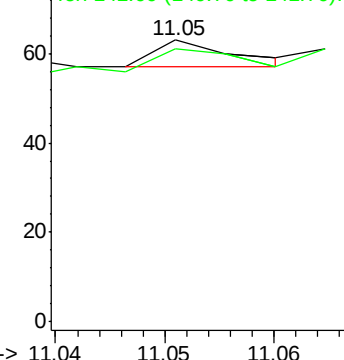
142 100

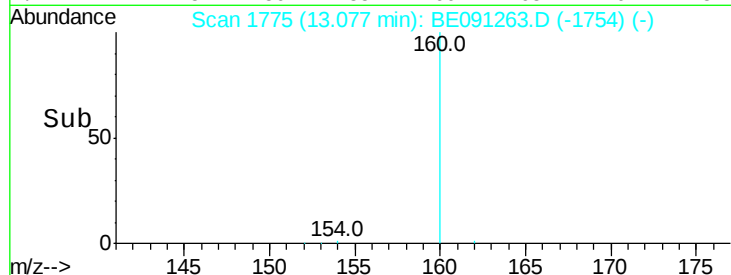
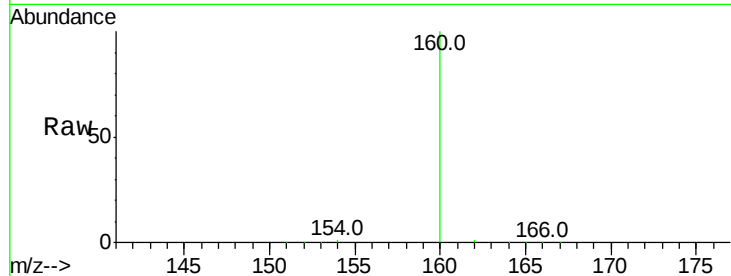
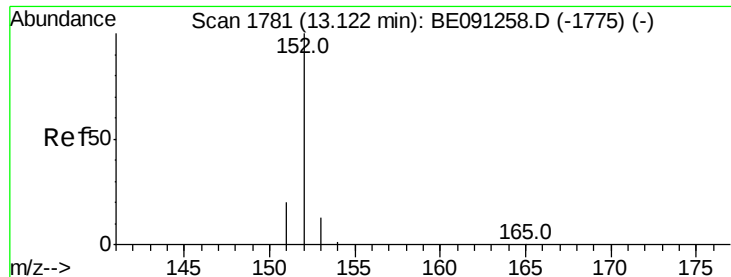
141 100.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.08 min Scan# 1775

Delta R.T. -0.05 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

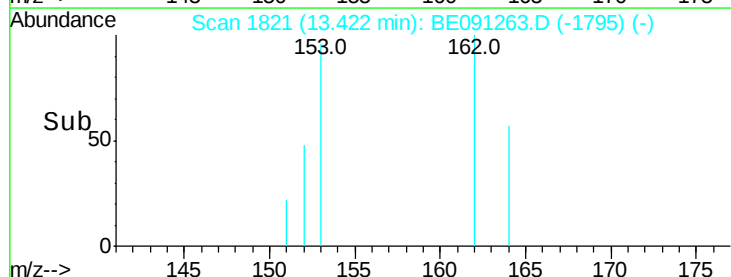
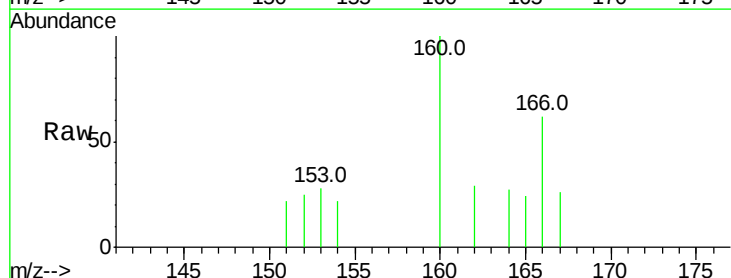
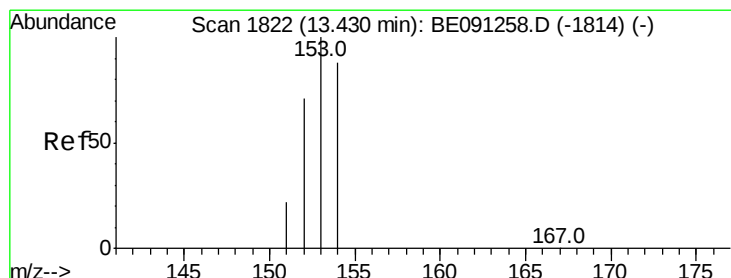
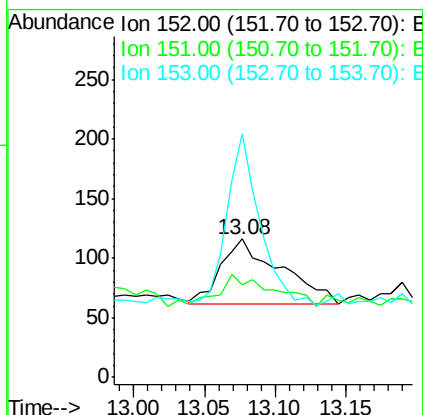
Tot Ion:152 Resp: 157

Ion Ratio Lower Upper

152 100

151 67.2 16.8 25.2#

153 175.9 11.3 16.9#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.42 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

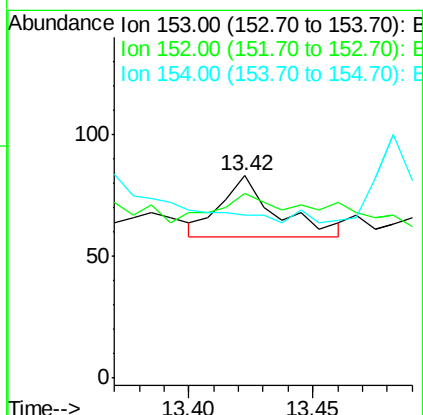
Tgt Ion:153 Resp: 39

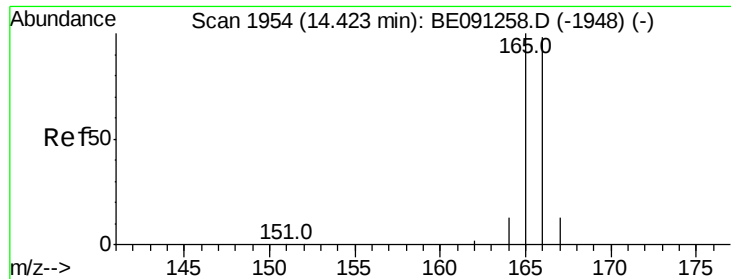
Ion Ratio Lower Upper

153 100

152 91.6 42.3 63.5#

154 80.7 64.7 97.1





#11

Fluorene

Concen: 0.01 ng/ul

RT: 14.41 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

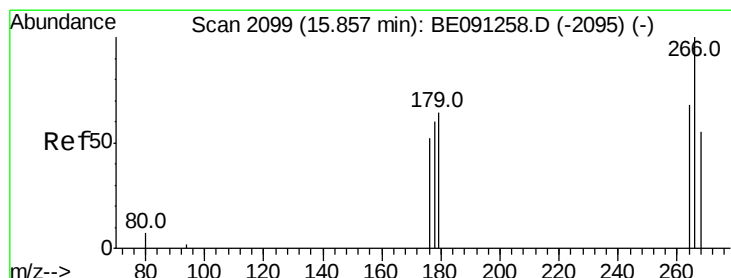
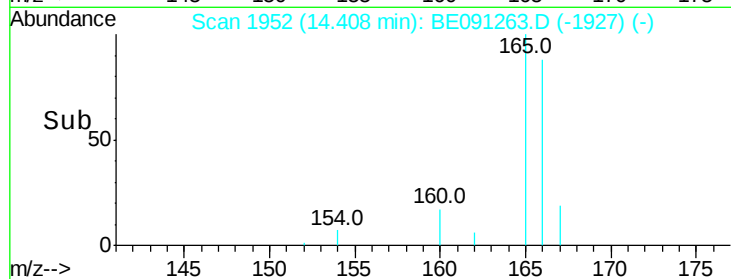
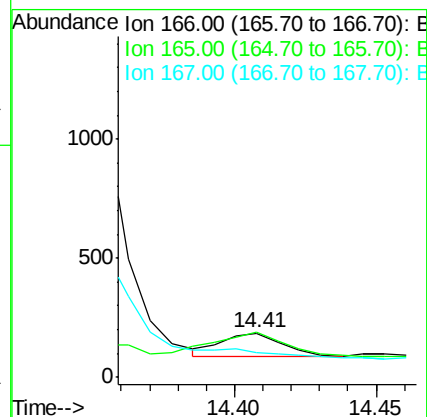
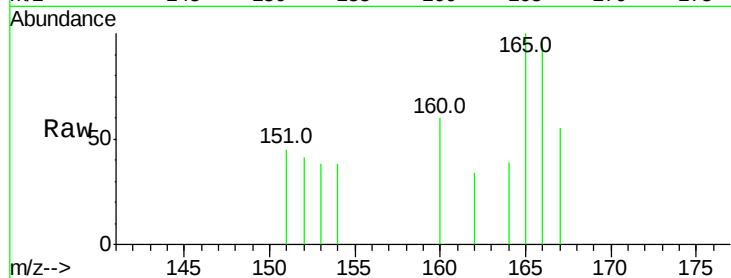
Tot Ion:166 Resp: 144

Ion Ratio Lower Upper

166 100

165 103.8 87.6 131.4

167 56.8 11.1 16.7#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 15.86 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

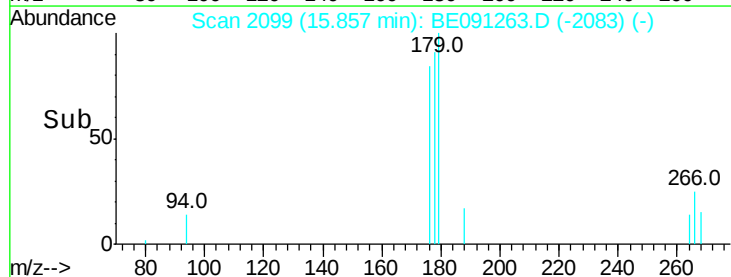
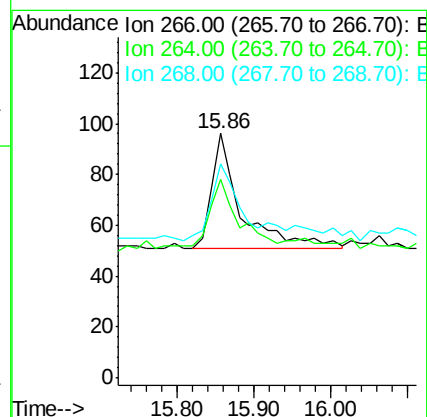
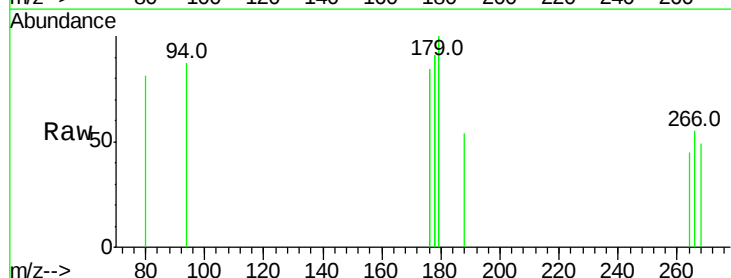
Tgt Ion:266 Resp: 122

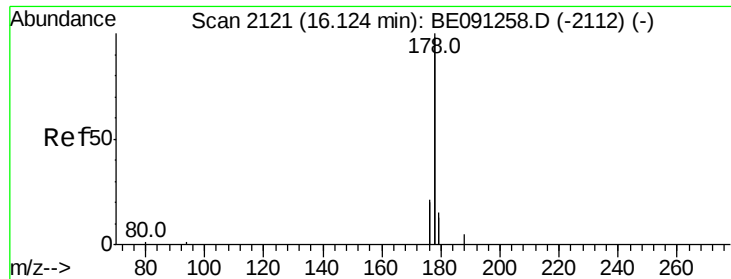
Ion Ratio Lower Upper

266 100

264 55.7 53.5 80.3

268 86.9 54.2 81.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 16.16 min Scan# 2124

Delta R.T. 0.04 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

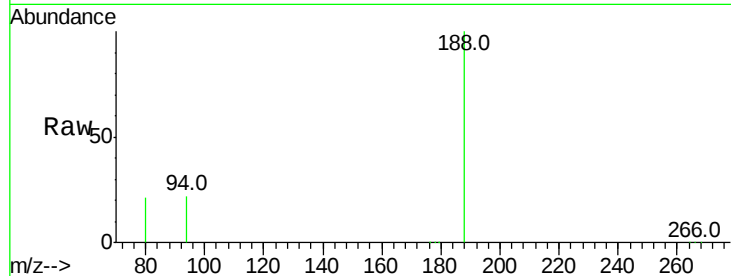
Tot Ion:178 Resp: 3346

Ion Ratio Lower Upper

178 100

176 26.9 16.2 24.4#

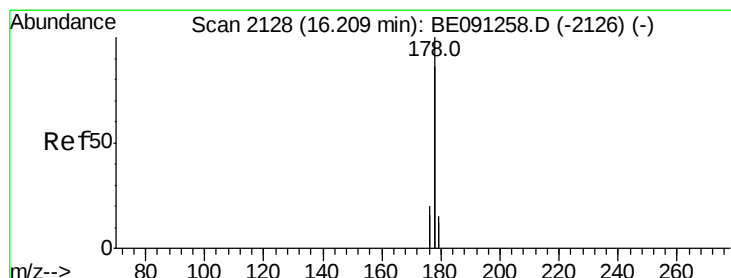
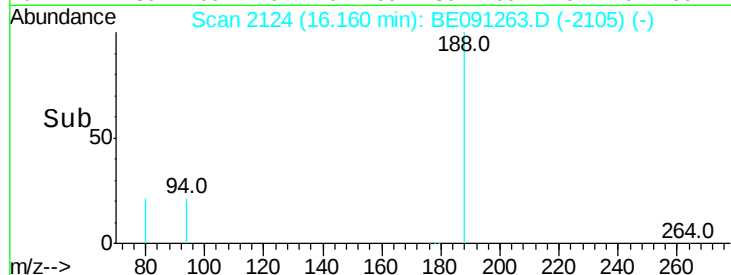
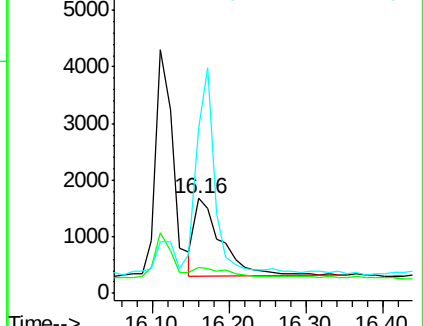
179 174.9 12.8 19.2#



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: 0.00 ng/ul

RT: 16.16 min Scan# 2124

Delta R.T. -0.05 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

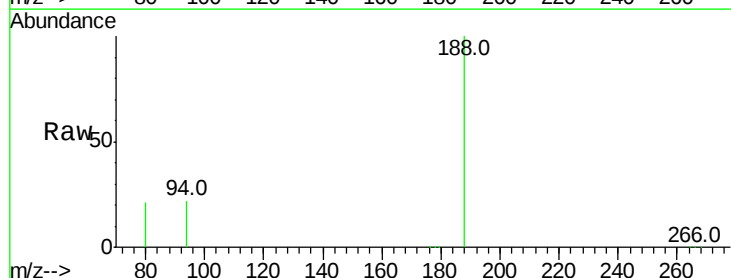
Tgt Ion:178 Resp: 3539

Ion Ratio Lower Upper

178 100

176 26.9 15.8 23.8#

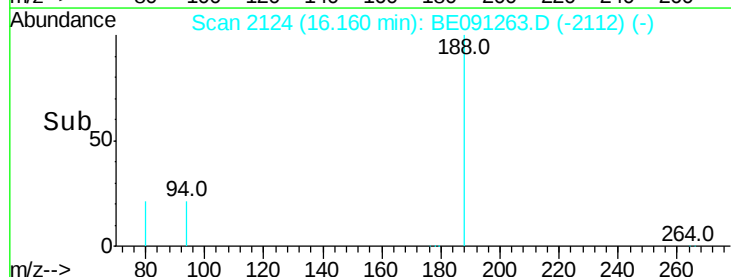
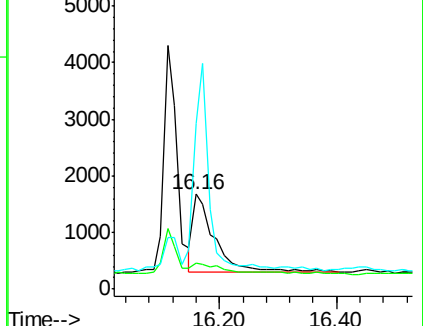
179 174.9 13.3 19.9#

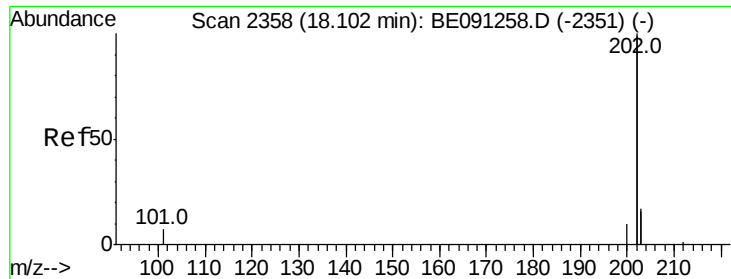


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 18.09 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

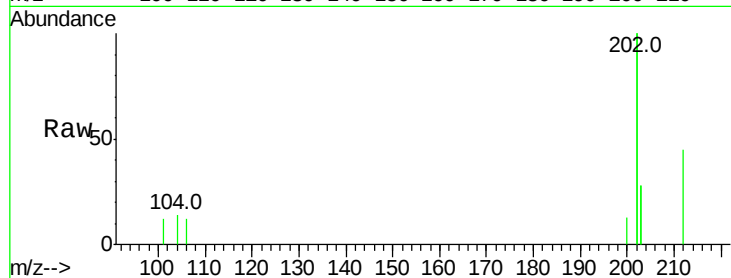
Tot Ion:202 Resp: 3751

Ion Ratio Lower Upper

202 100

101 6.1 0.0 33.1

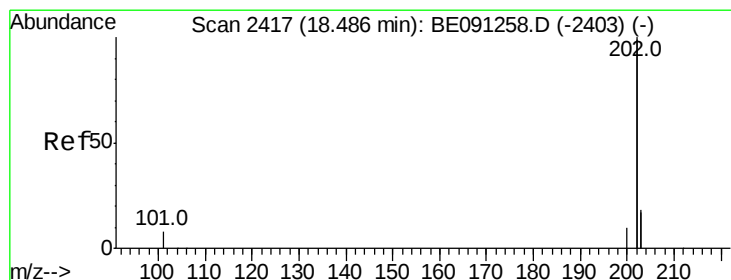
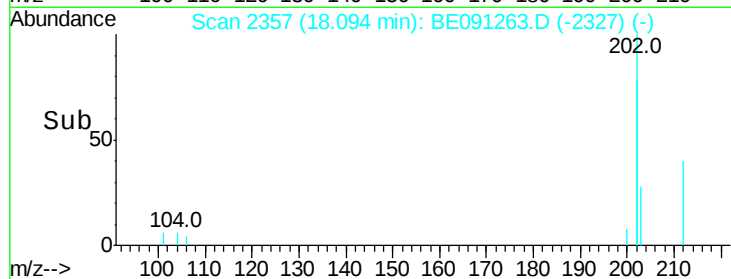
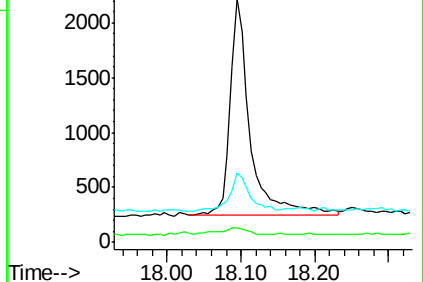
203 28.4 0.0 37.2



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



#19

Pyrene

Concen: 0.07 ng/ul

RT: 18.45 min Scan# 2411

Delta R.T. -0.04 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

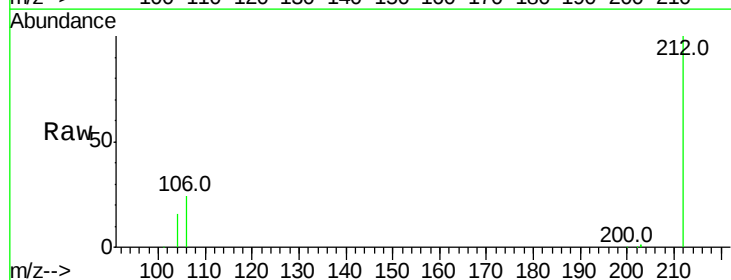
Tgt Ion:202 Resp: 12731

Ion Ratio Lower Upper

202 100

200 2.0 18.0 27.0#

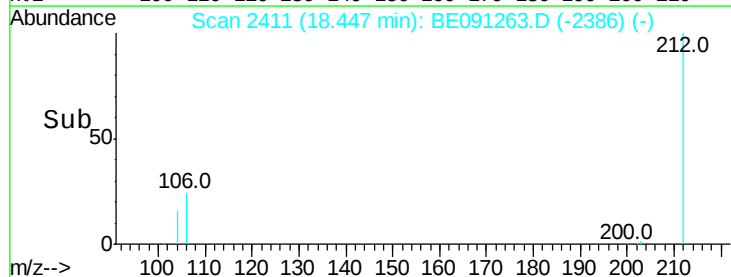
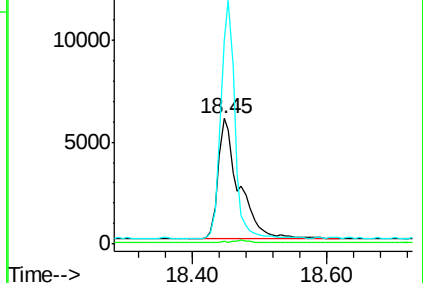
203 162.6 13.8 20.6#

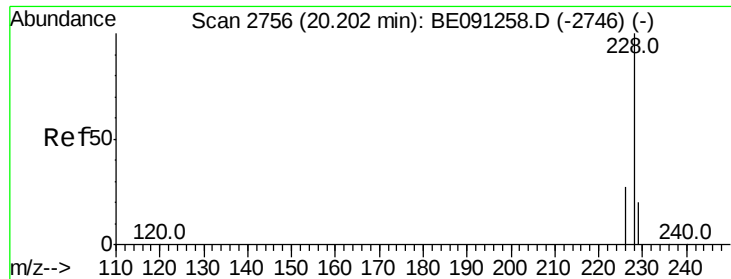


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 20.20 min Scan# 2756

Delta R.T. -0.00 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampled :

D9KN8

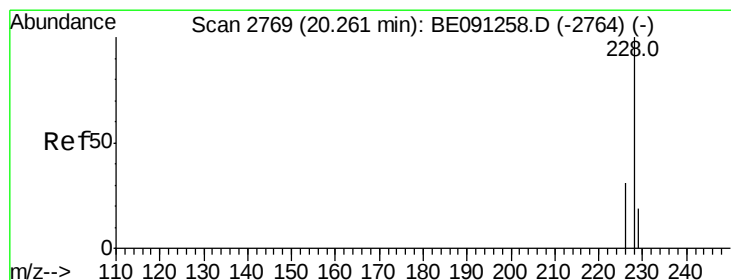
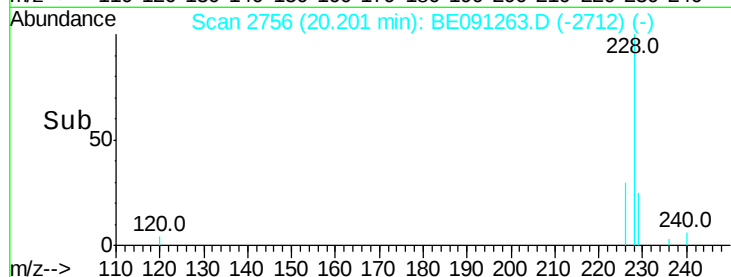
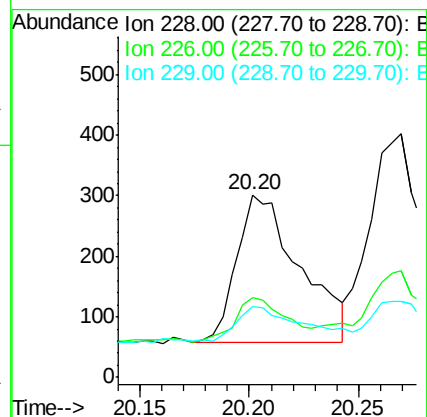
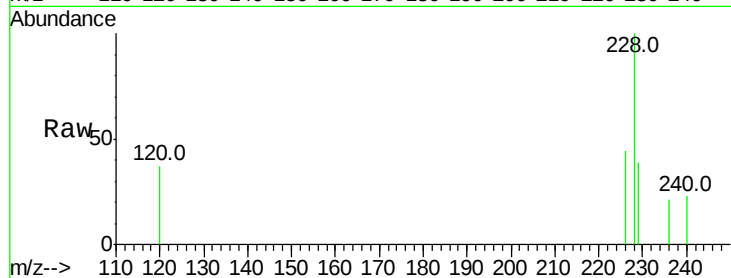
Tot Ion:228 Resp: 490

Ion Ratio Lower Upper

228 100

226 43.5 23.0 34.4#

229 38.5 15.2 22.8#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 20.27 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

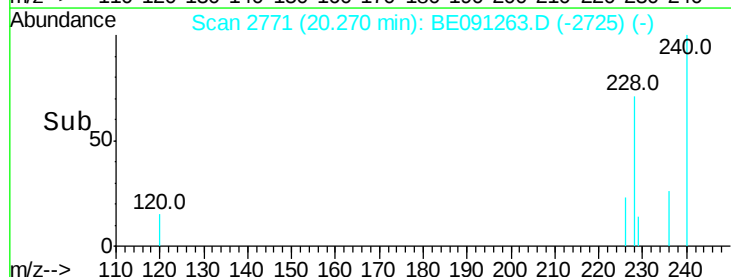
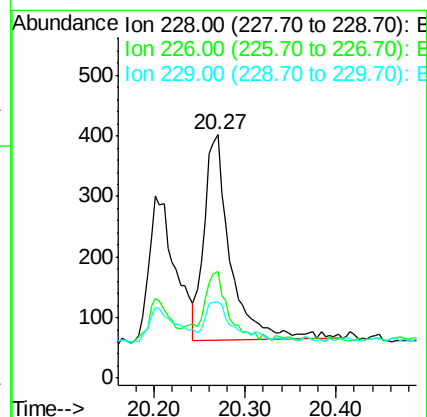
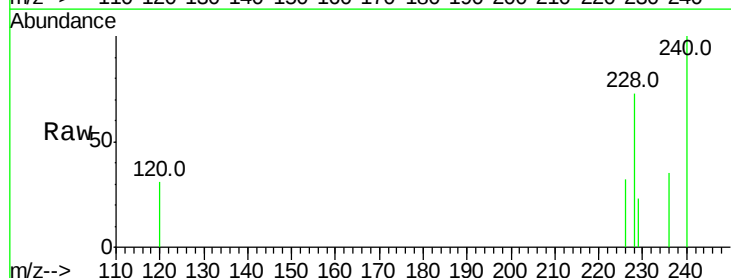
Tgt Ion:228 Resp: 679

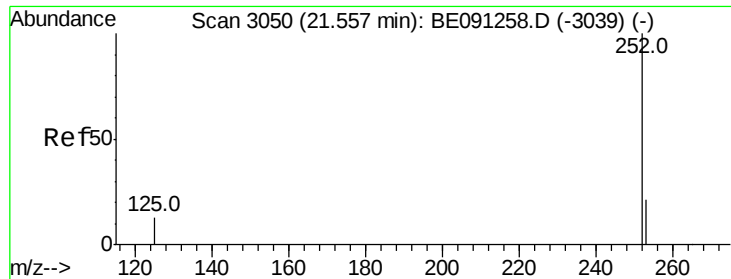
Ion Ratio Lower Upper

228 100

226 43.8 25.7 38.5#

229 31.1 15.2 22.8#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 21.45 min Scan# 3026

Delta R.T. -0.11 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

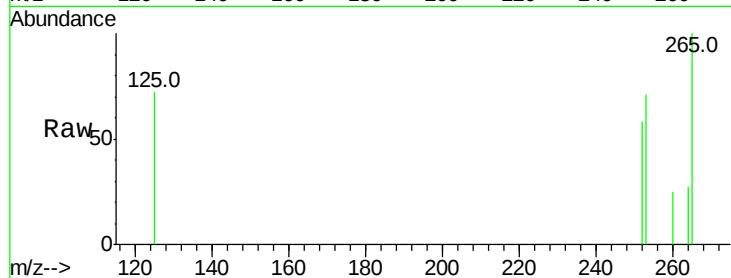
Tot Ion:252 Resp: 10

Ion Ratio Lower Upper

252 100

253 122.6 0.0 48.0#

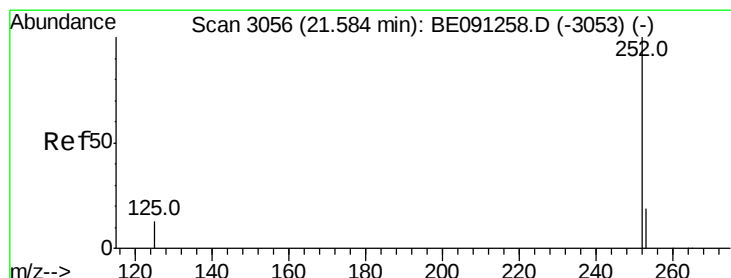
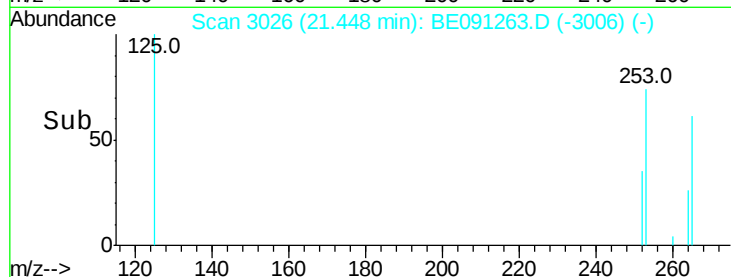
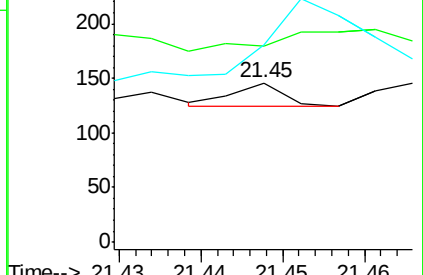
125 124.0 0.0 36.6#



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: 0.00 ng/u1

RT: 21.47 min Scan# 3030

Delta R.T. -0.12 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

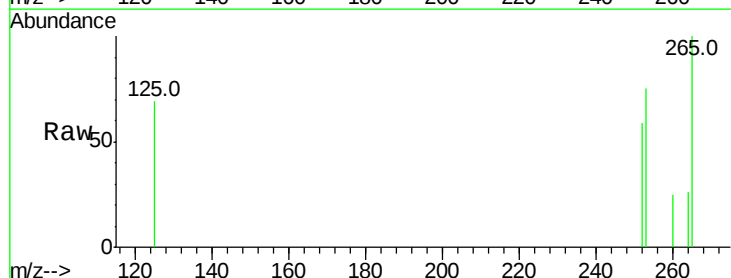
Tgt Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 126.9 20.8 31.2#

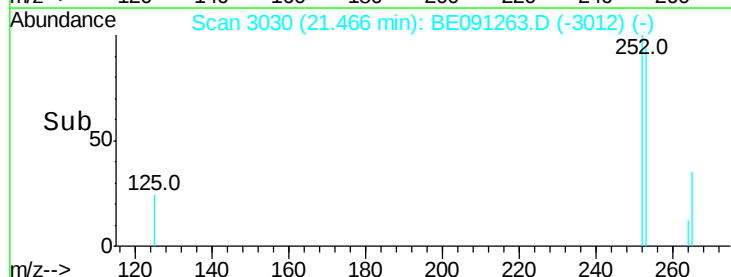
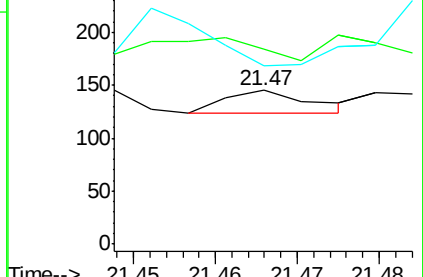
125 115.9 12.2 18.4#

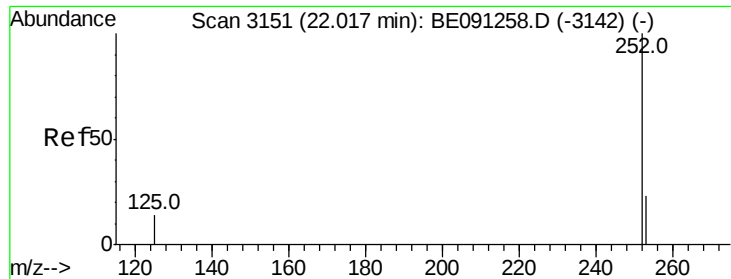


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 21.98 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

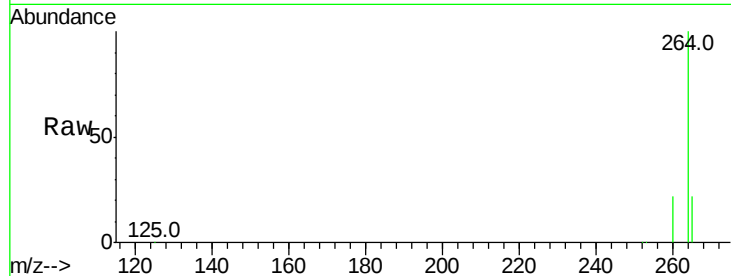
Tot Ion:252 Resp: 5223

Ion Ratio Lower Upper

252 100

253 34.0 21.8 32.8#

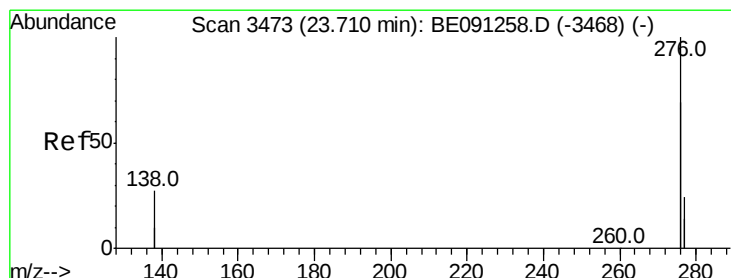
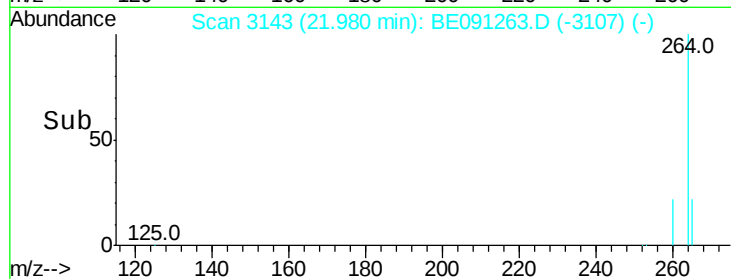
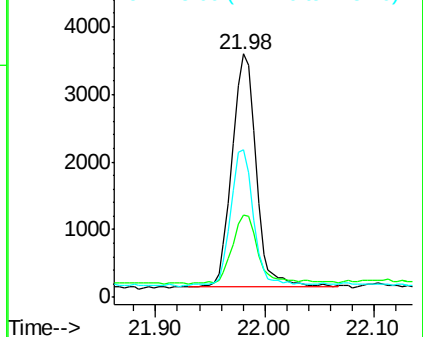
125 60.6 14.5 21.7#



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: 0.00 ng/ul

RT: 23.57 min Scan# 3451

Delta R.T. -0.14 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

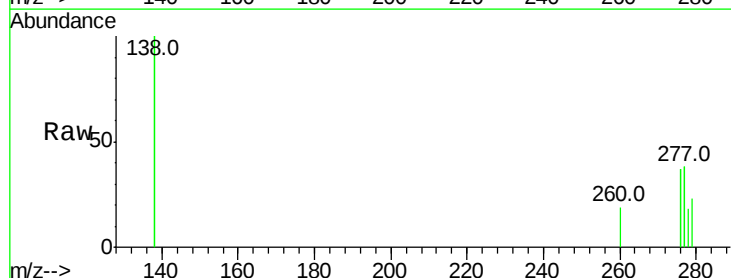
Tgt Ion:276 Resp: 18

Ion Ratio Lower Upper

276 100

138 111.1 27.5 41.3#

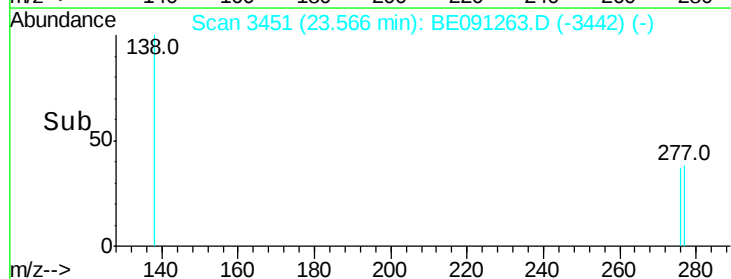
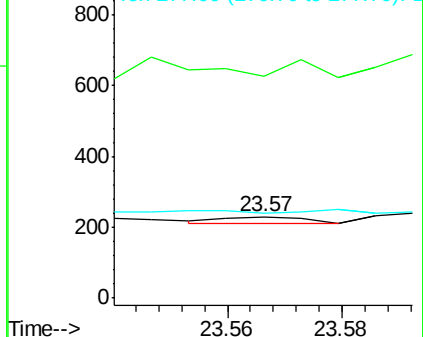
277 0.0 19.3 28.9#

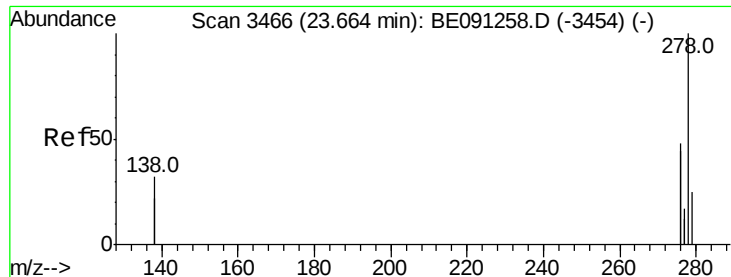


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 3446

Delta R.T. -0.13 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

Instrument :

BNA_E

ClientSampleId :

D9KN8

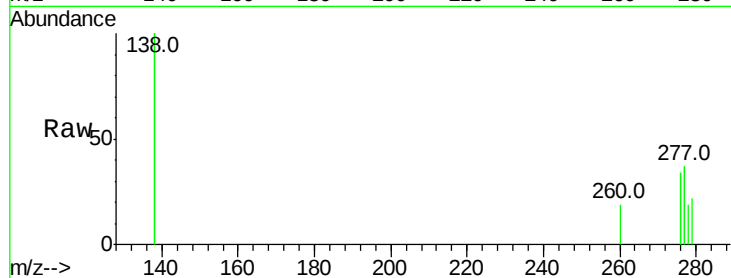
Tot Ion:278 Resp: 9

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

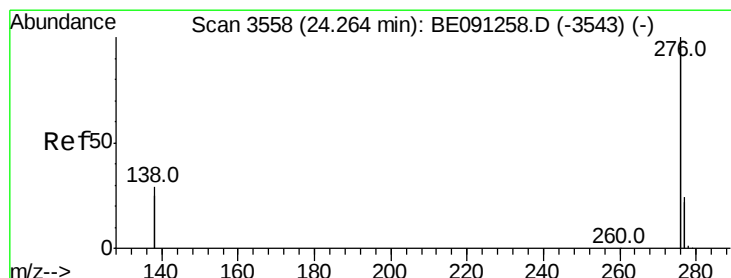
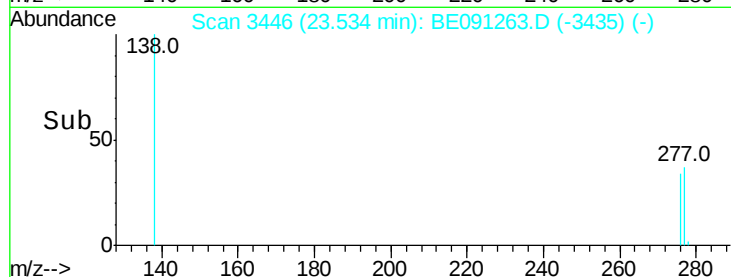
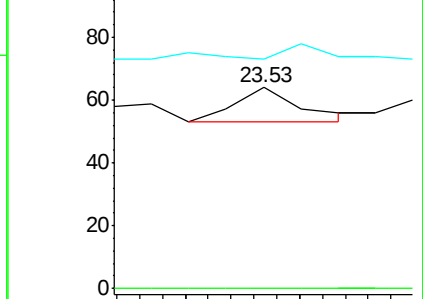
279 114.1 21.9 32.9#



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



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 24.13 min Scan# 3537

Delta R.T. -0.14 min

Lab File: BE091263.D

Acq: 21 Nov 2015 3:13

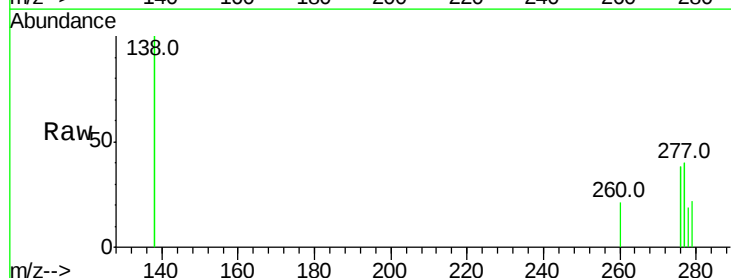
Tgt Ion:276 Resp: 10

Ion Ratio Lower Upper

276 100

277 106.8 21.3 31.9#

138 266.7 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

