

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
 Data File : BE091259.D
 Acq On : 21 Nov 2015 00:47
 Operator : UM/NP
 Sample : G4310-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KN0

Quant Time: Nov 21 04:55:20 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

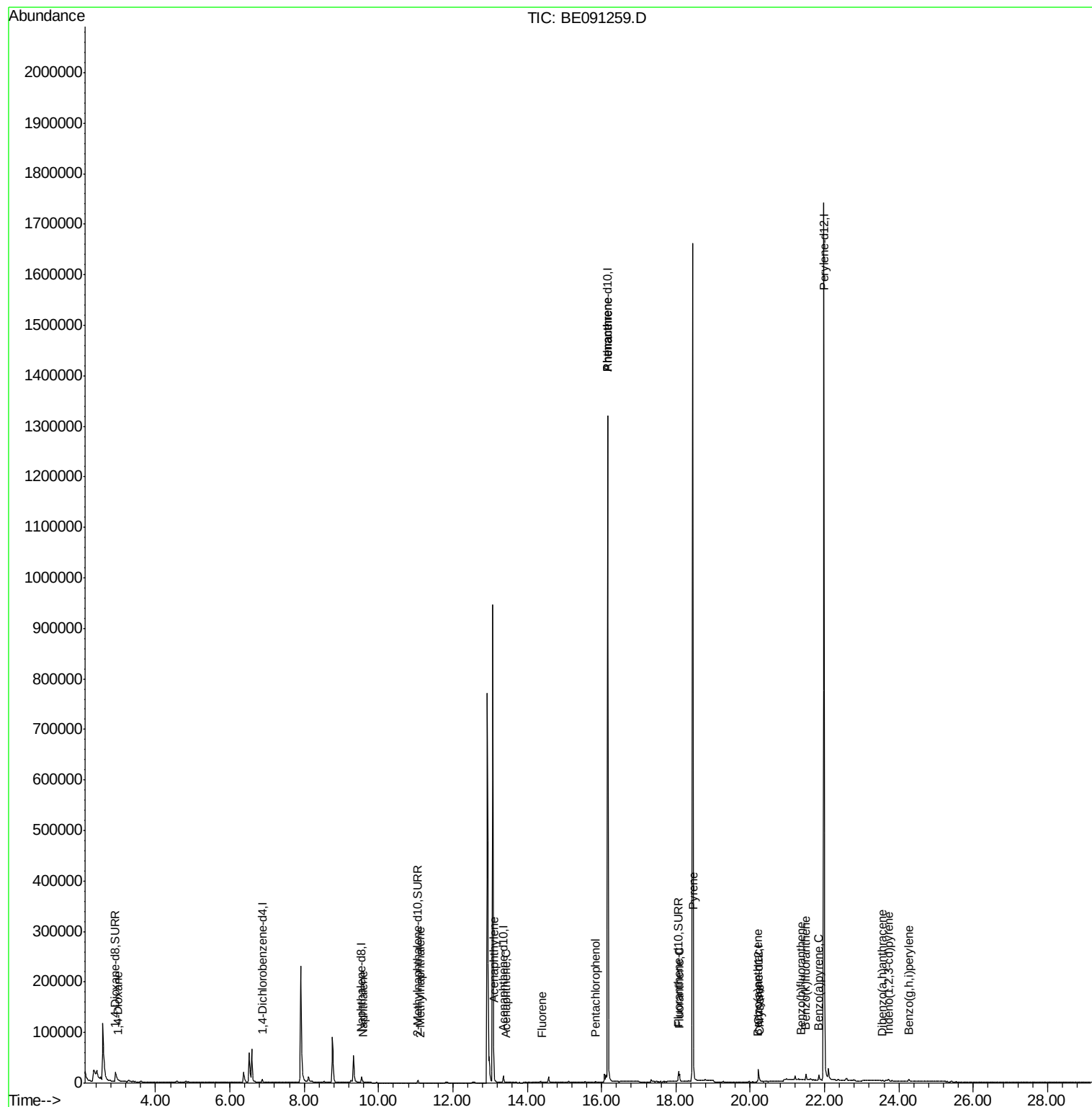
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2824	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.54	136	14232	0.40	ng/ul	-0.03
8) Acenaphthene-d10	13.36	164	7568	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.16	188	1459544	0.40	ng/ul	0.06
18) Chrysene-d12	20.23	240	23816	0.40	ng/ul	0.00
22) Perylene-d12	21.98	264	1786600	0.40	ng/ul	-0.13
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	23664	11.65	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.06	152	7034	0.36	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	21195	0.01	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.00	88	94	0.04	ng/ul#	24
5) Naphthalene	9.59	128	3009	0.09	ng/ul#	90
7) 2-Methylnaphthalene	11.12	142	179	0.01	ng/ul	85
9) Acenaphthylene	13.11	152	228	0.01	ng/ul#	1
10) Acenaphthene	13.42	153	114	0.00	ng/ul#	66
11) Fluorene	14.41	166	342	0.01	ng/ul#	83
13) Pentachlorophenol	15.84	266	541	0.00	ng/ul	94
14) Phenanthrene	16.16	178	6303	0.00	ng/ul#	1
15) Anthracene	16.16	178	5949	0.00	ng/ul#	1
17) Fluoranthene	18.09	202	18103	0.00	ng/ul	78
19) Pyrene	18.47	202	28646	0.11	ng/ul#	61
20) Benzo(a)anthracene	20.20	228	2339	0.04	ng/ul#	76
21) Chrysene	20.26	228	3221	0.05	ng/ul#	75
23) Benzo(b)fluoranthene	21.37	252	113	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	21.50	252	116	0.00	ng/ul#	1
25) Benzo(a)pyrene	21.84	252	834	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	23.71	276	4427	0.00	ng/ul	92
27) Dibenzo(a,h)anthracene	23.53	278	40	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	24.27	276	6530	0.00	ng/ul#	35

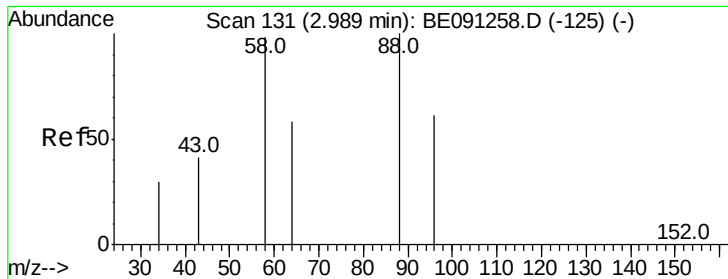
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
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#3

1,4-Dioxane

Concen: 0.04 ng/ul

RT: 3.00 min Scan# 133

Delta R.T. 0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

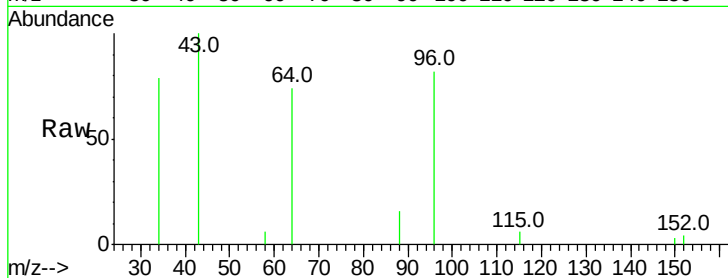
Tot Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

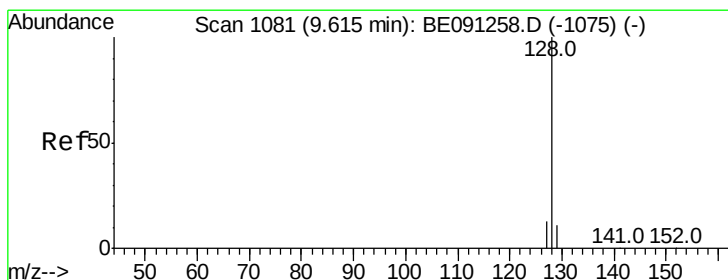
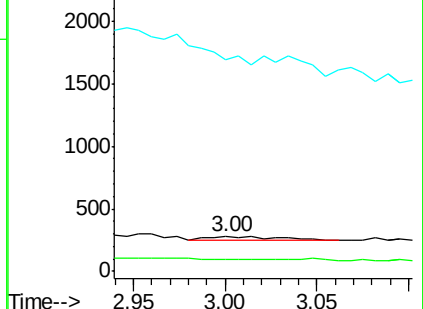
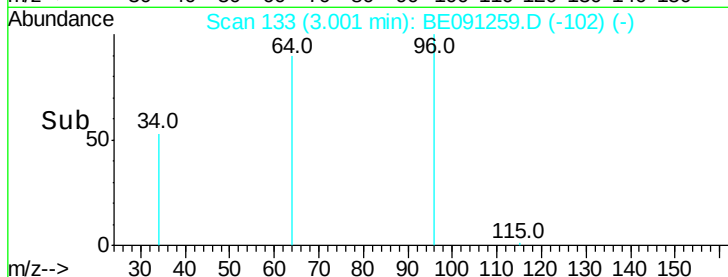
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#5

Naphthalene

Concen: 0.09 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

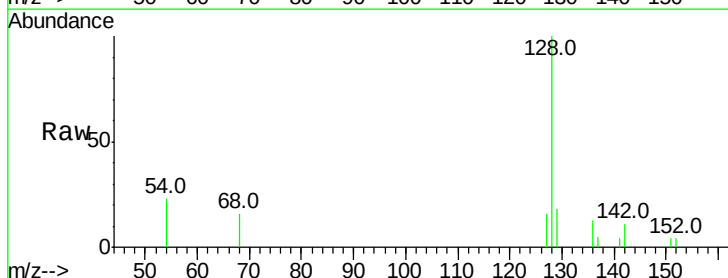
Tgt Ion: 128 Resp: 3009

Ion Ratio Lower Upper

128 100

129 18.0 9.8 14.8#

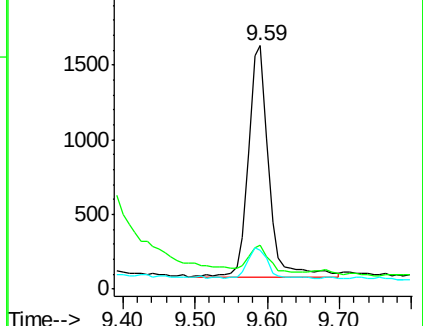
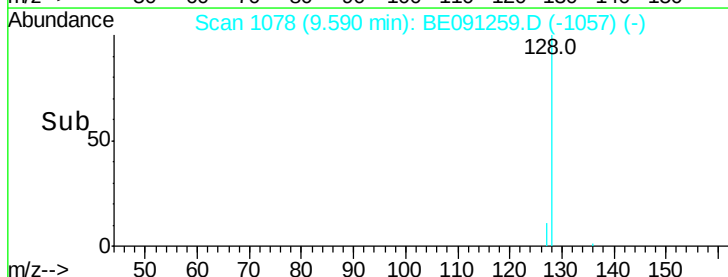
127 15.7 10.7 16.1

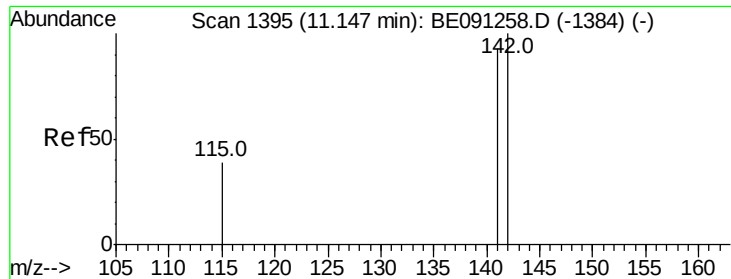


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#7

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 11.12 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

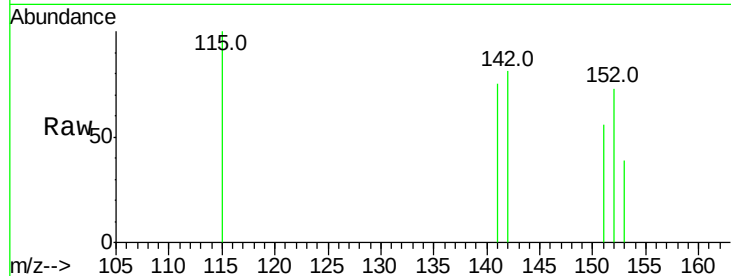
D9KN0

Tot Ion:142 Resp: 179

Ion Ratio Lower Upper

142 100

141 73.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.12

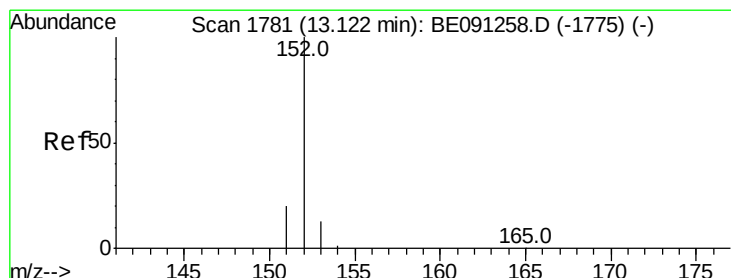
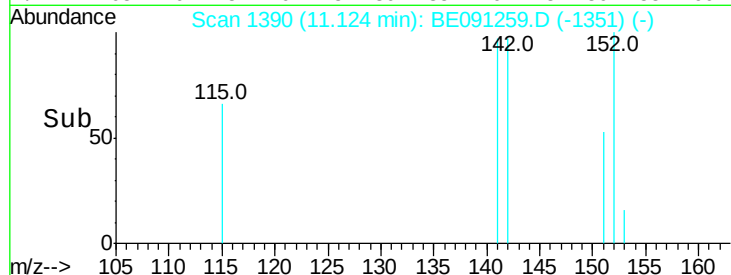
150

100

50

0

Time--> 11.05 11.10 11.15 11.20



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

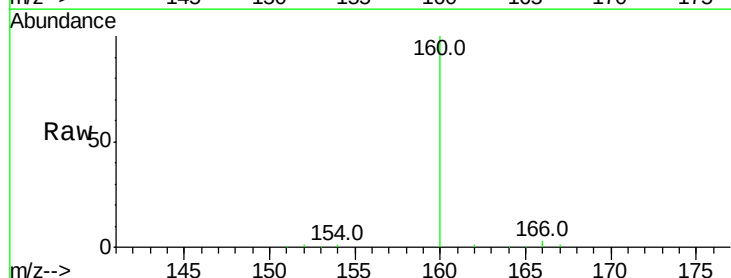
Tgt Ion:152 Resp: 228

Ion Ratio Lower Upper

152 100

151 69.0 16.8 25.2#

153 57.9 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

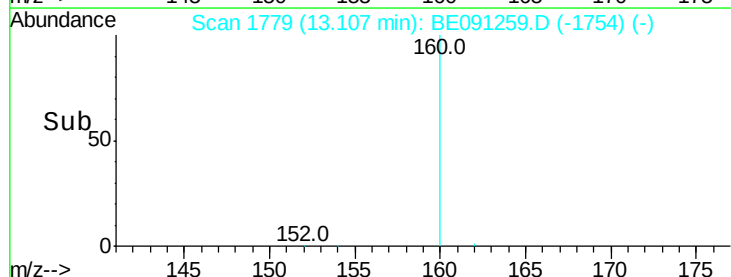
300

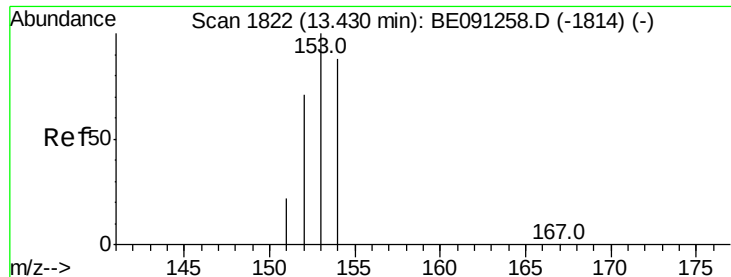
200

100

0

Time--> 13.10 13.20





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.42 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

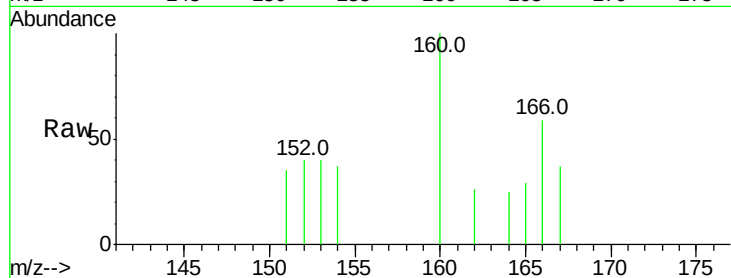
Tot Ion:153 Resp: 114

Ion Ratio Lower Upper

153 100

152 100.0 42.3 63.5#

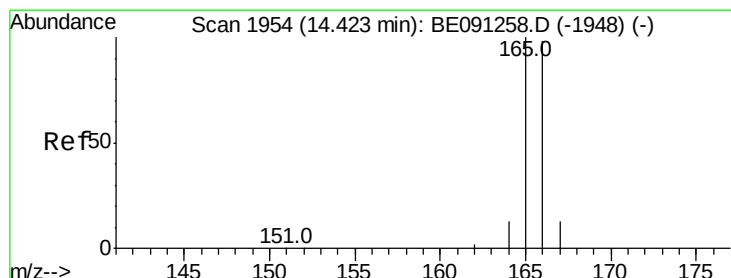
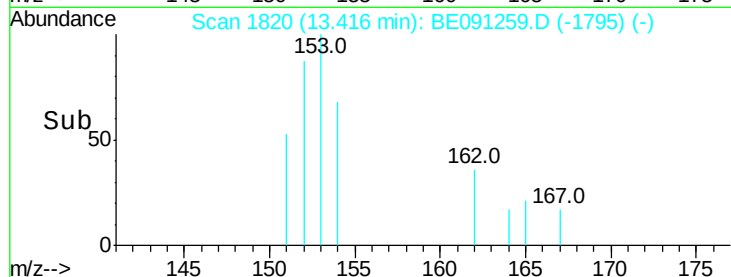
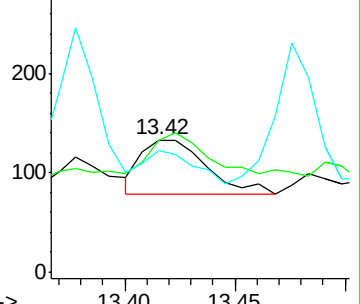
154 91.7 64.7 97.1



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



#11

Fluorene

Concen: 0.01 ng/ul

RT: 14.41 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

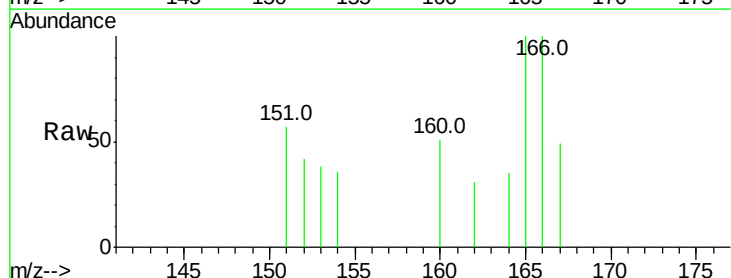
Tgt Ion:166 Resp: 342

Ion Ratio Lower Upper

166 100

165 100.3 87.6 131.4

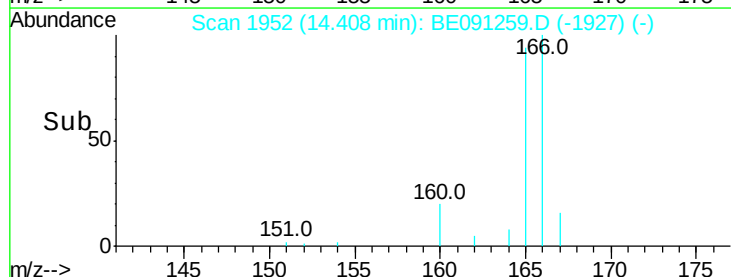
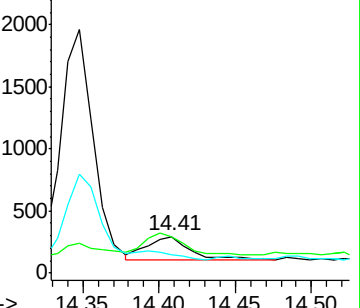
167 48.8 11.1 16.7#

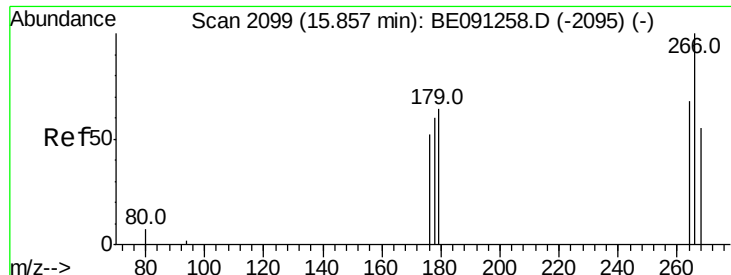


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

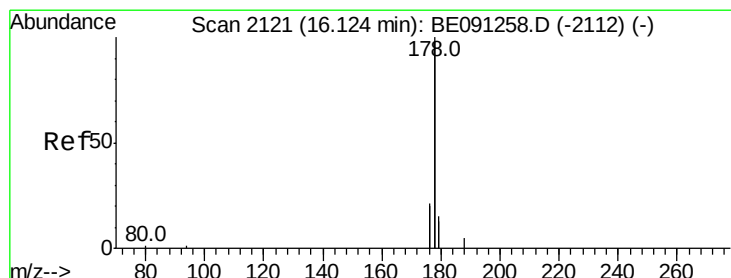
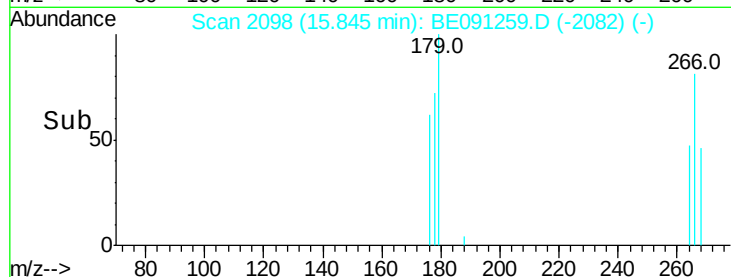
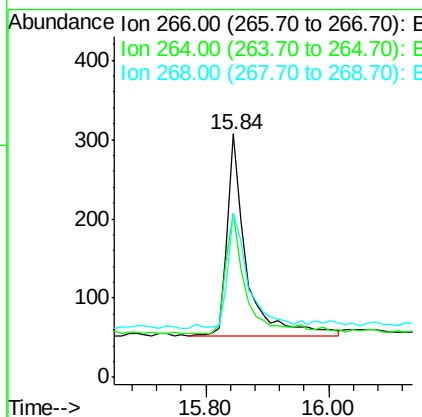
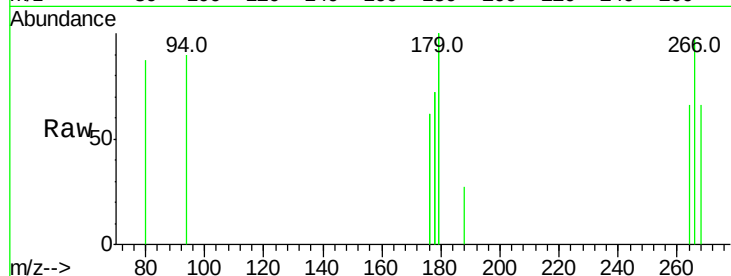




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 15.84 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BE091259.D
 Acq: 21 Nov 2015 00:47

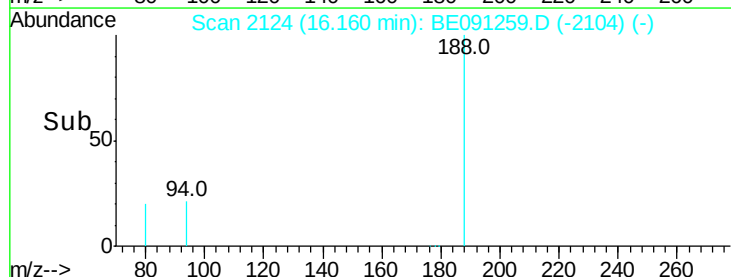
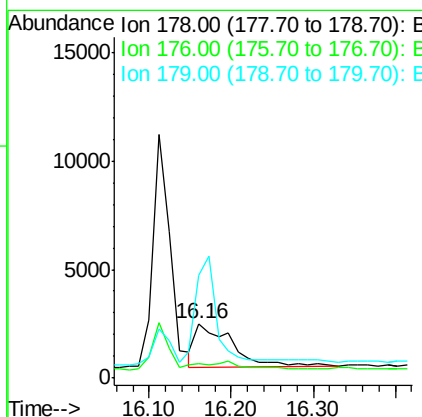
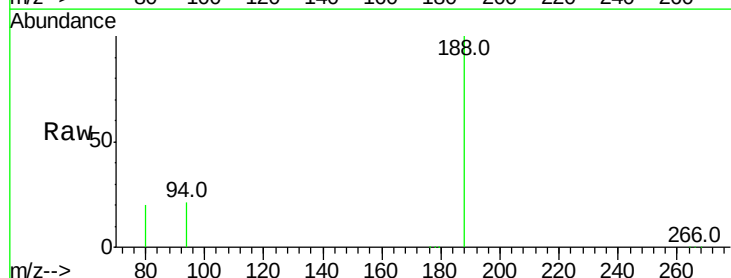
Instrument :
 BNA_E
 ClientSampleId :
 D9KN0

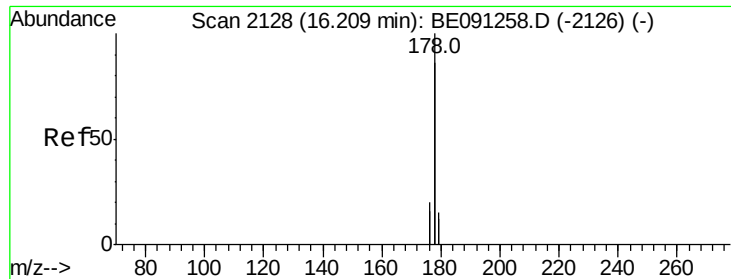
Tot Ion:266 Resp: 541
 Ion Ratio Lower Upper
 266 100
 264 64.0 53.5 80.3
 268 61.0 54.2 81.2



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 16.16 min Scan# 2124
 Delta R.T. 0.04 min
 Lab File: BE091259.D
 Acq: 21 Nov 2015 00:47

Tgt Ion:178 Resp: 6303
 Ion Ratio Lower Upper
 178 100
 176 25.6 16.2 24.4#
 179 188.5 12.8 19.2#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 16.16 min Scan# 2124

Delta R.T. -0.05 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

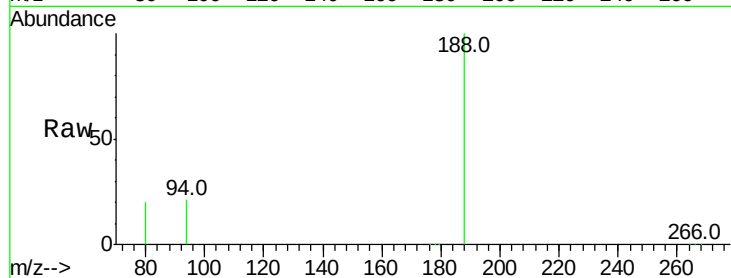
Tot Ion:178 Resp: 5949

Ion Ratio Lower Upper

178 100

176 25.6 15.8 23.8#

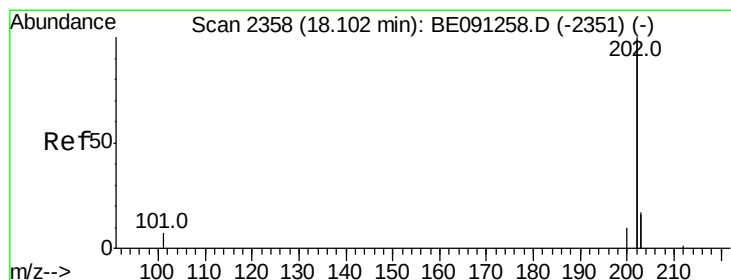
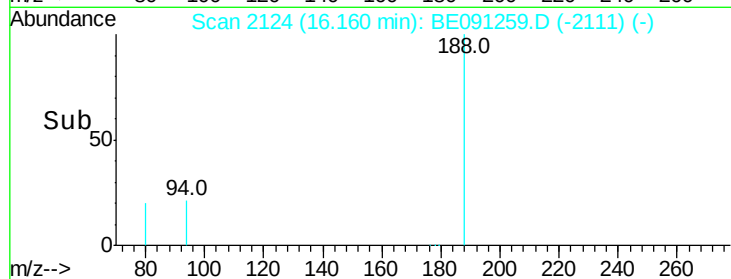
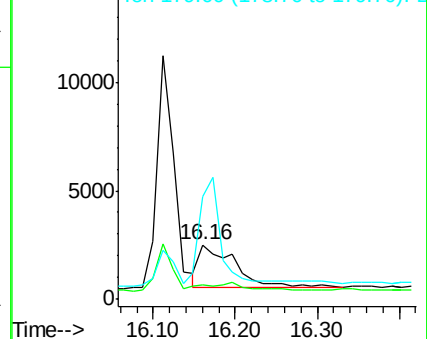
179 188.5 13.3 19.9#



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: BE091259.D

Acq: 21 Nov 2015 00:47

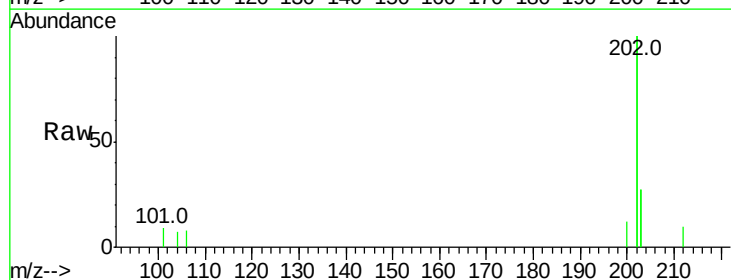
Tgt Ion:202 Resp: 18103

Ion Ratio Lower Upper

202 100

101 4.7 0.0 33.1

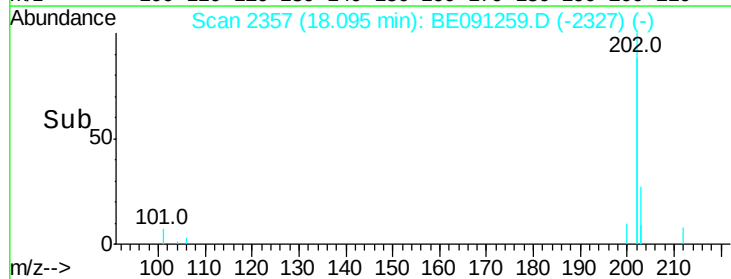
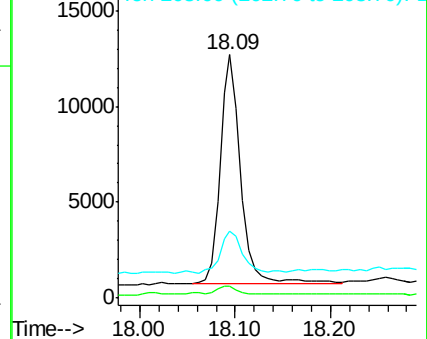
203 27.3 0.0 37.2

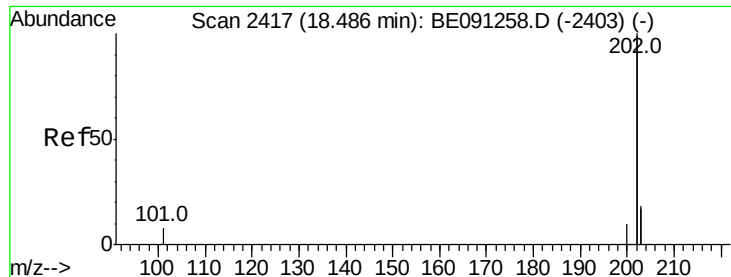


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.11 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

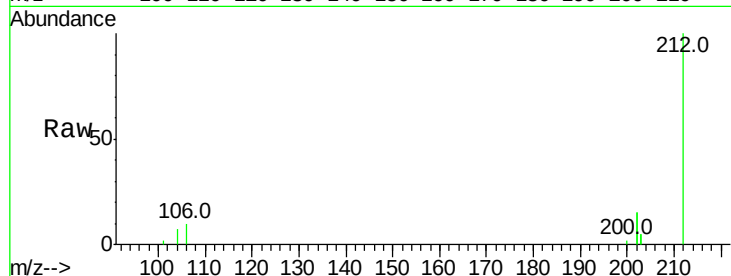
Tot Ion:202 Resp: 28646

Ion Ratio Lower Upper

202 100

200 5.6 18.0 27.0#

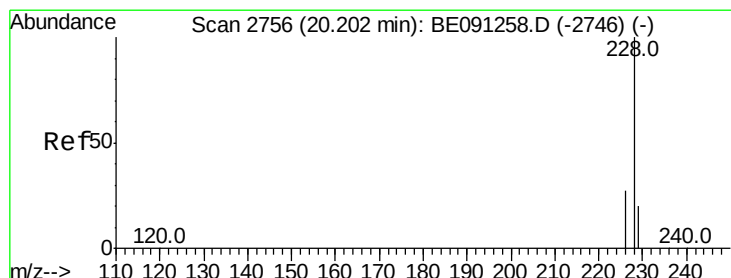
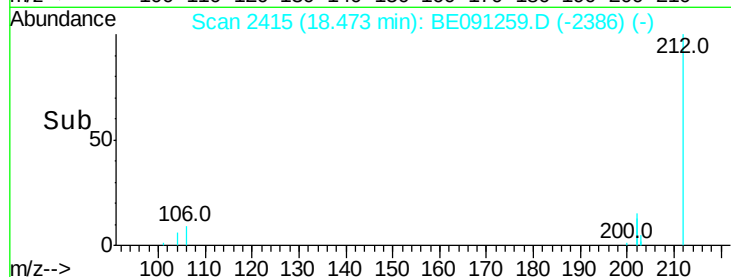
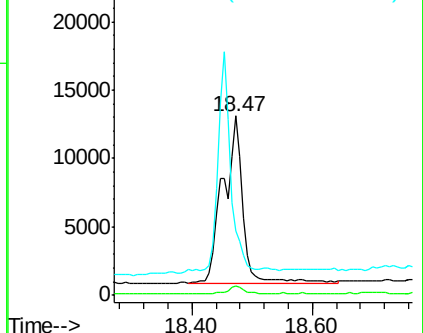
203 35.9 13.8 20.6#



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: 0.04 ng/ul

RT: 20.20 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

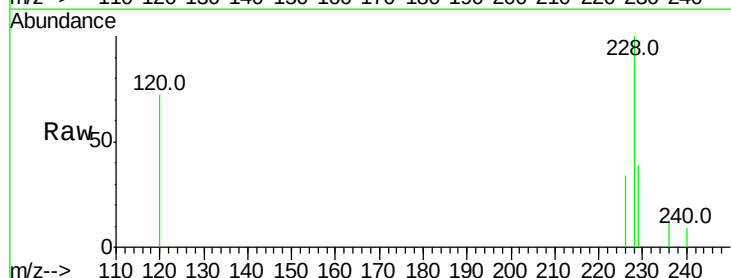
Tgt Ion:228 Resp: 2339

Ion Ratio Lower Upper

228 100

226 34.3 23.0 34.4

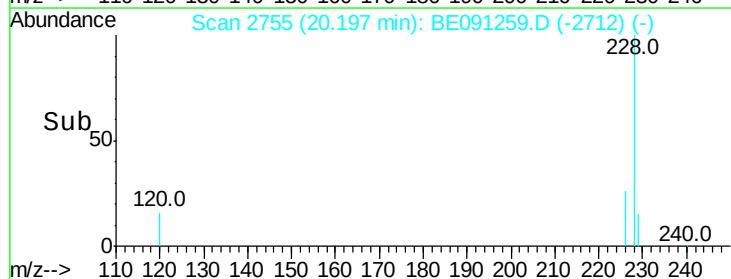
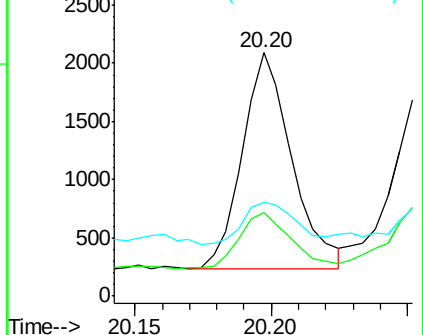
229 38.7 15.2 22.8#

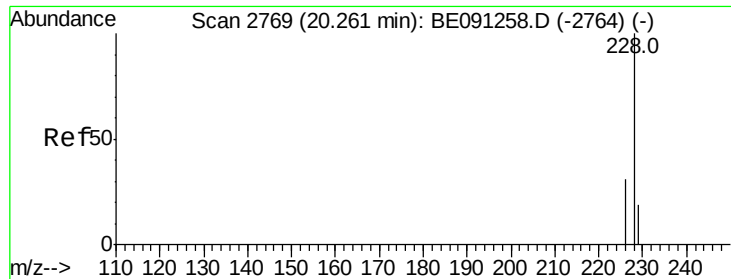


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.05 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

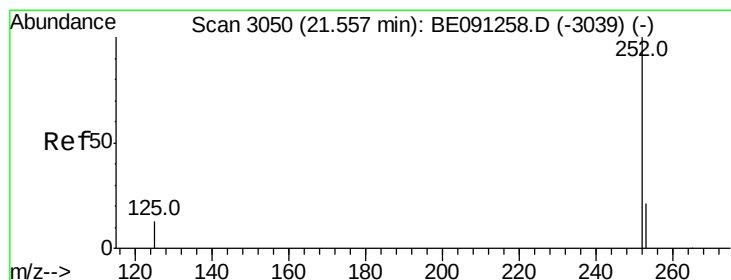
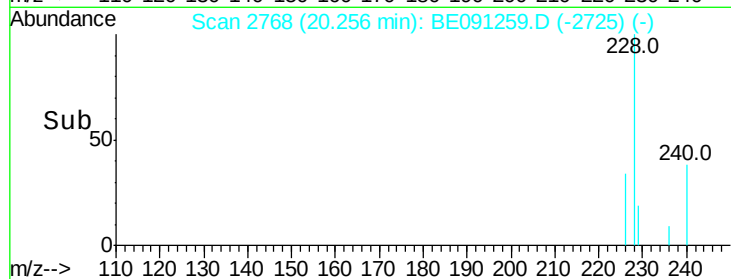
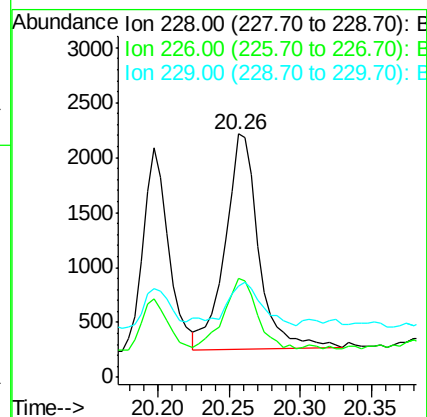
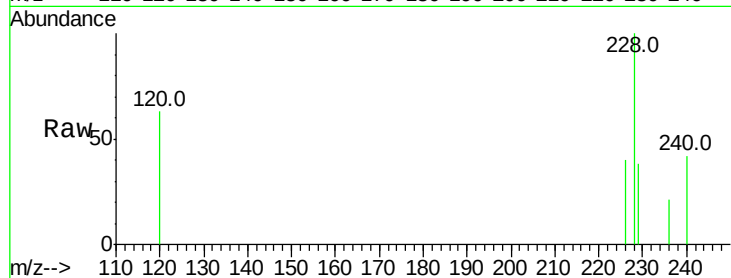
Tot Ion:228 Resp: 3221

Ion Ratio Lower Upper

228 100

226 40.5 25.7 38.5#

229 37.6 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.37 min Scan# 3010

Delta R.T. -0.18 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

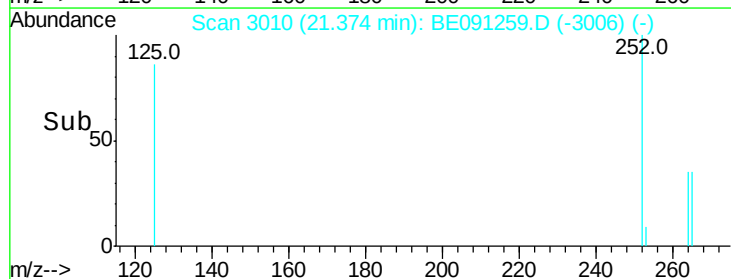
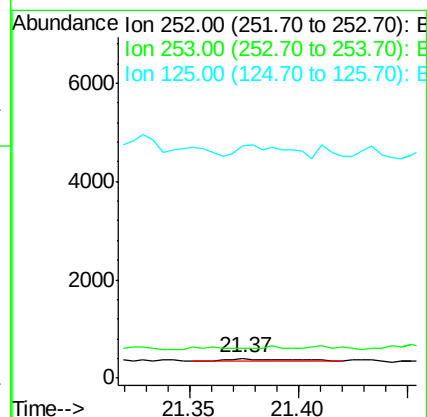
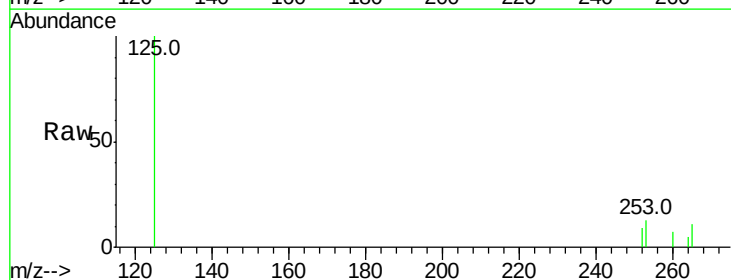
Tgt Ion:252 Resp: 113

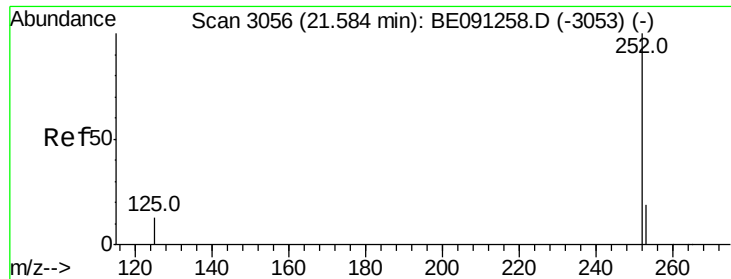
Ion Ratio Lower Upper

252 100

253 153.5 0.0 48.0#

125 1174.1 0.0 36.6#





#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.50 min Scan# 3038

Delta R.T. -0.08 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

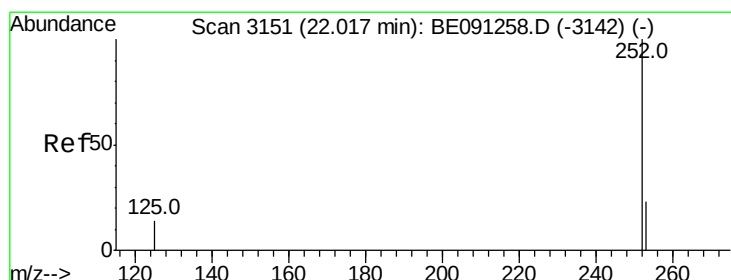
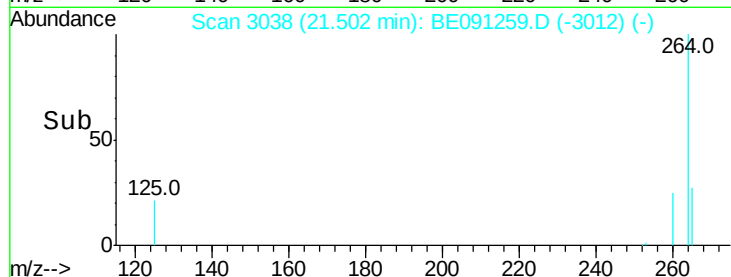
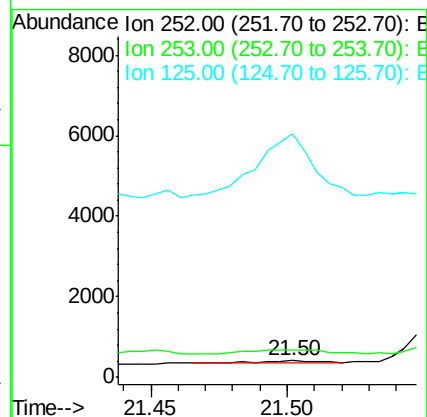
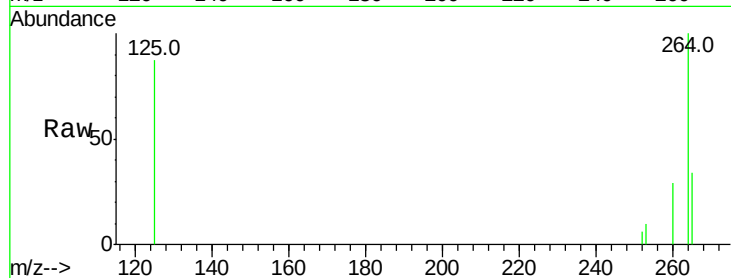
Tot Ion:252 Resp: 116

Ion Ratio Lower Upper

252 100

253 165.0 20.8 31.2#

125 1459.9 12.2 18.4#



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 21.84 min Scan# 3113

Delta R.T. -0.17 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

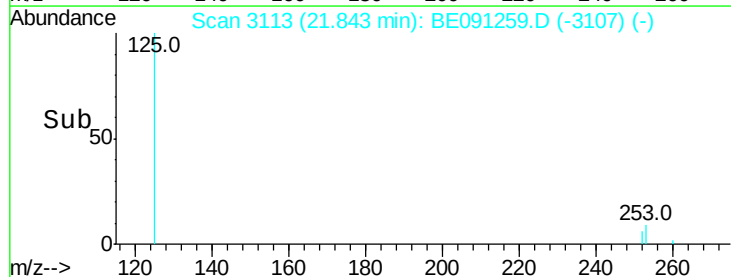
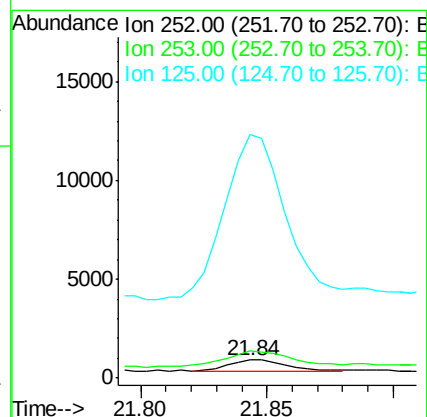
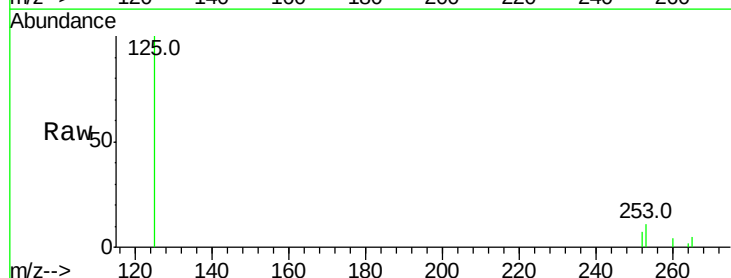
Tgt Ion:252 Resp: 834

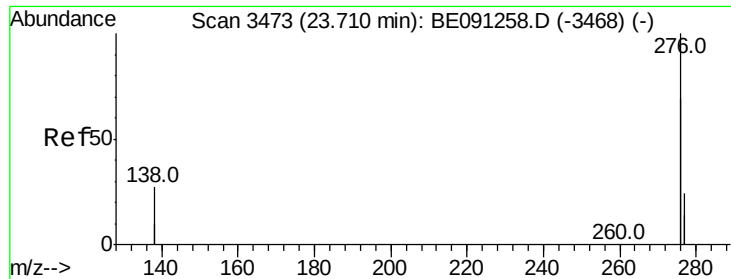
Ion Ratio Lower Upper

252 100

253 149.2 21.8 32.8#

125 1352.0 14.5 21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.71 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

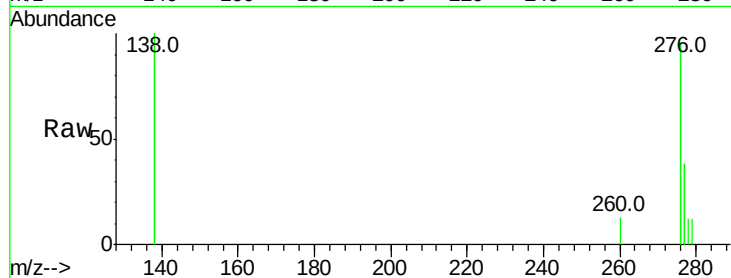
Tot Ion:276 Resp: 4427

Ion Ratio Lower Upper

276 100

138 28.3 27.5 41.3

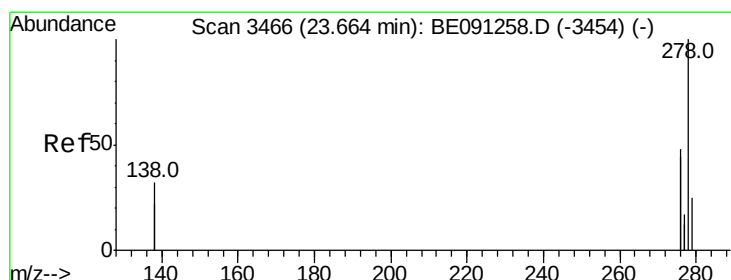
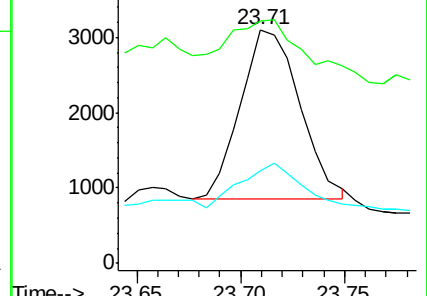
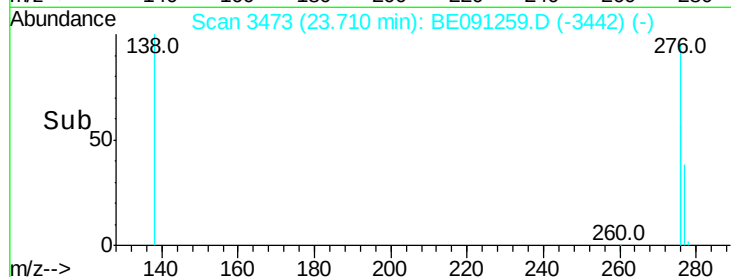
277 26.2 19.3 28.9



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: BE091259.D

Acq: 21 Nov 2015 00:47

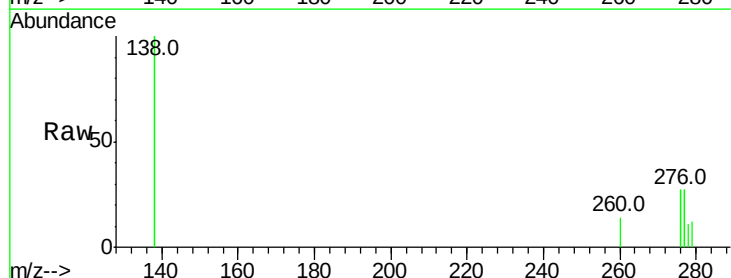
Tgt Ion:278 Resp: 40

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

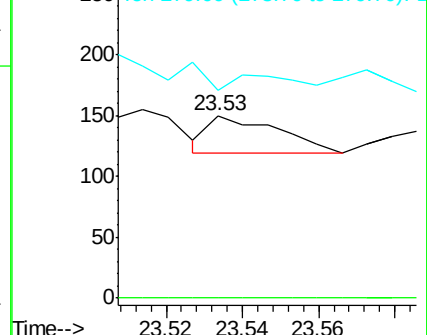
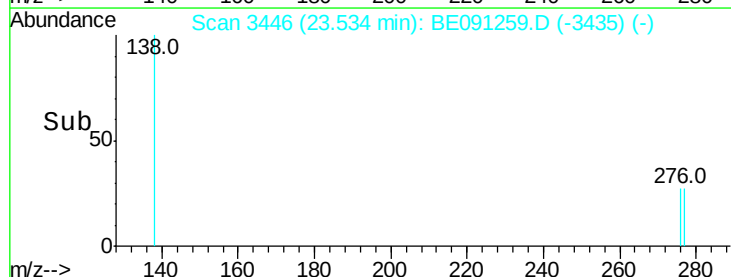
279 114.0 21.9 32.9#

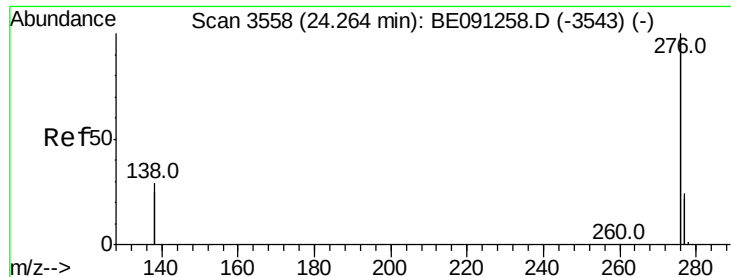


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 24.27 min Scan# 3559

Delta R.T. 0.01 min

Lab File: BE091259.D

Acq: 21 Nov 2015 00:47

Instrument :

BNA_E

ClientSampleId :

D9KN0

Tot Ion: 276 Resp: 6530

Ion Ratio Lower Upper

276 100

277 40.1 21.3 31.9#

138 86.5 25.5 38.3#

