

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112115\
 Data File : BE091264.D
 Acq On : 21 Nov 2015 3:49
 Operator : UM/NP
 Sample : G4310-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 D9KL3

Quant Time: Nov 21 04:56:09 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

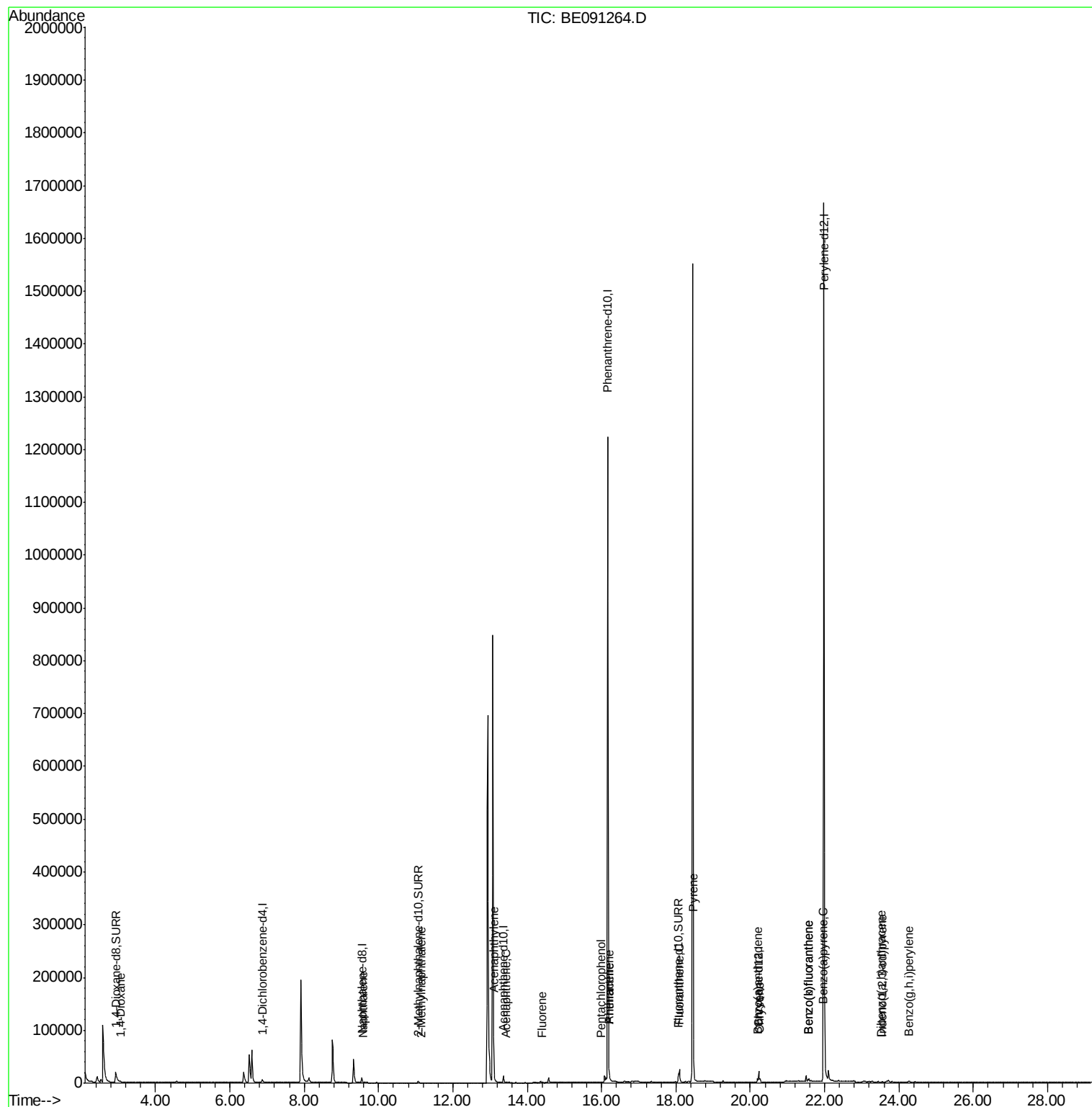
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2566	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	12052	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6227	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.16	188	1389565	0.40	ng/ul	0.06
18) Chrysene-d12	20.23	240	19461	0.40	ng/ul	0.00
22) Perylene-d12	21.99	264	1751033	0.40	ng/ul	-0.13
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	24549	13.30	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	5926	0.36	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	19300	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.07	88	52	0.02	ng/ul#	24
5) Naphthalene	9.59	128	512	0.02	ng/ul#	29
7) 2-Methylnaphthalene	11.15	142	53	0.00	ng/ul	95
9) Acenaphthylene	13.11	152	372	0.01	ng/ul#	33
10) Acenaphthene	13.43	153	59	0.00	ng/ul#	65
11) Fluorene	14.41	166	280	0.01	ng/ul#	77
13) Pentachlorophenol	15.98	266	7	0.00	ng/ul#	16
14) Phenanthrene	16.20	178	6000	0.00	ng/ul#	54
15) Anthracene	16.20	178	5817	0.00	ng/ul#	53
17) Fluoranthene	18.09	202	24942	0.00	ng/ul	85
19) Pyrene	18.47	202	45490	0.21	ng/ul#	73
20) Benzo(a)anthracene	20.20	228	5912	0.12	ng/ul#	93
21) Chrysene	20.26	228	8002	0.14	ng/ul#	95
23) Benzo(b)fluoranthene	21.56	252	4135	0.00	ng/ul#	38
24) Benzo(k)fluoranthene	21.56	252	4135	0.00	ng/ul#	42
25) Benzo(a)pyrene	21.95	252	1977	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	23.55	276	777	0.00	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.52	278	18	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	24.27	276	3670	0.00	ng/ul#	39

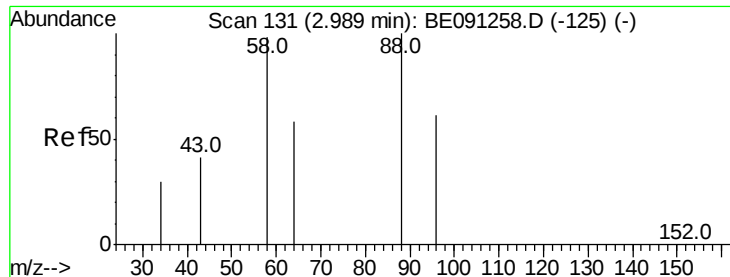
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 04:53:50 2015
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#3

1,4-Dioxane

Concen: 0.02 ng/ul

RT: 3.07 min Scan# 144

Delta R.T. 0.09 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

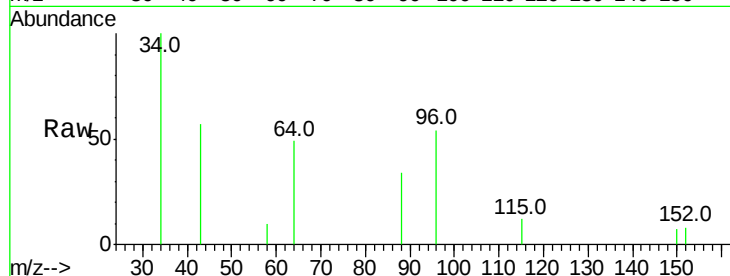
Tot Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

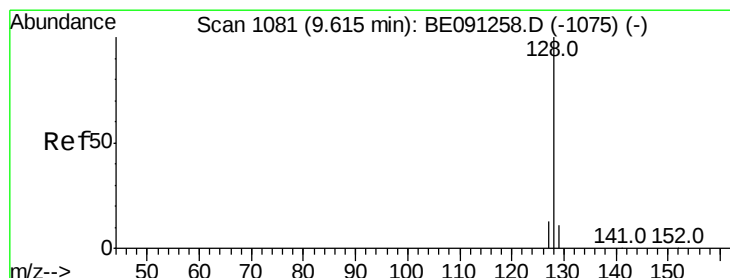
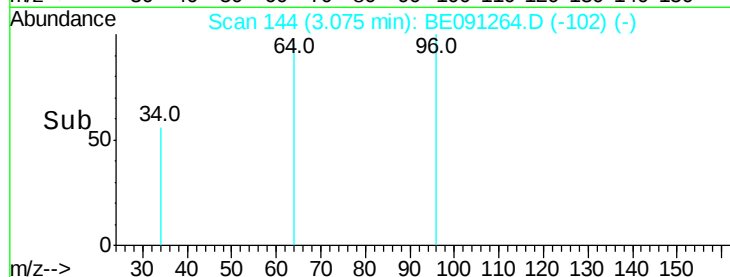
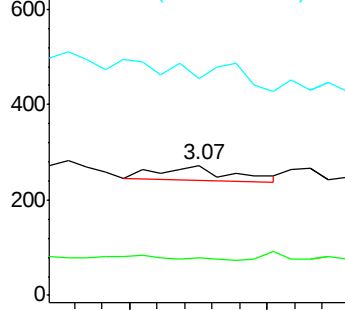
43 0.0 24.2 36.2#



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: 0.02 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

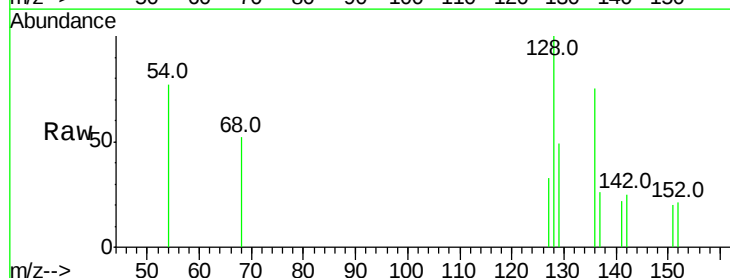
Tgt Ion: 128 Resp: 512

Ion Ratio Lower Upper

128 100

129 49.5 9.8 14.8#

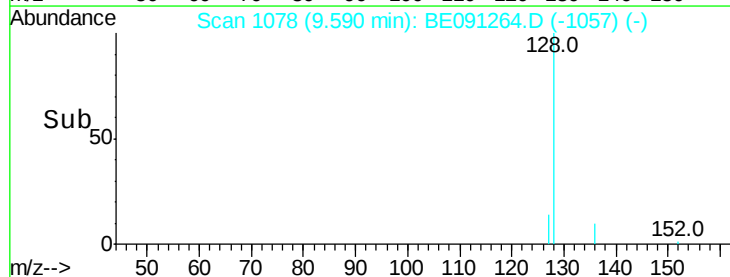
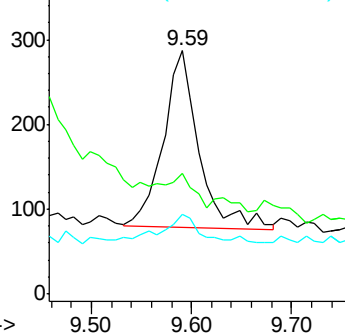
127 32.8 10.7 16.1#

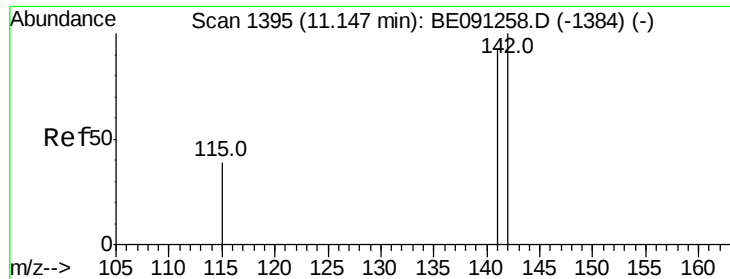


Abundance Ion 128.00 (127.70 to 128.70): E

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: 11.15 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

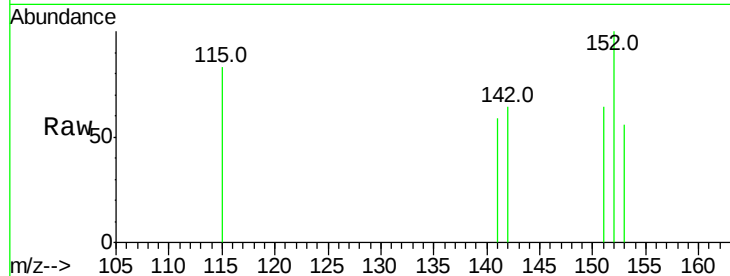
D9KL3

Tot Ion:142 Resp: 53

Ion Ratio Lower Upper

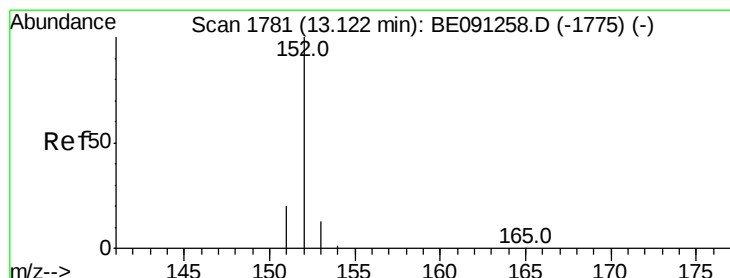
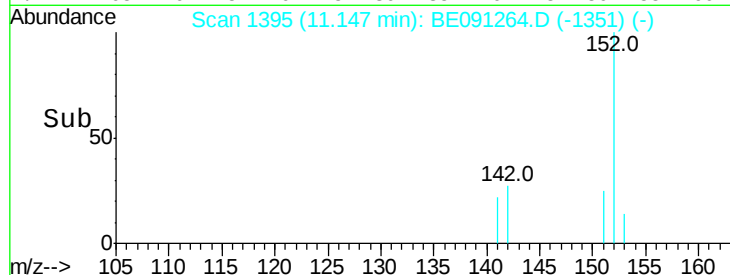
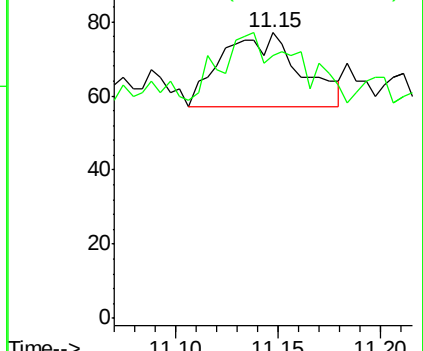
142 100

141 92.5 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: 0.01 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

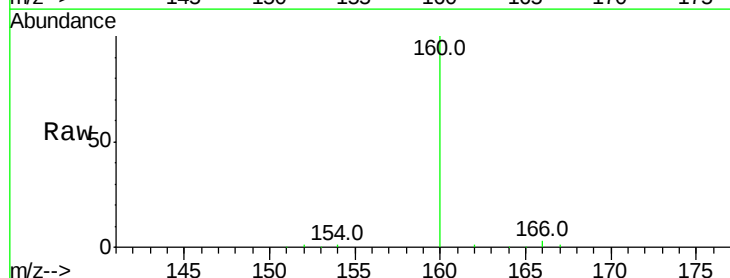
Tgt Ion:152 Resp: 372

Ion Ratio Lower Upper

152 100

151 48.8 16.8 25.2#

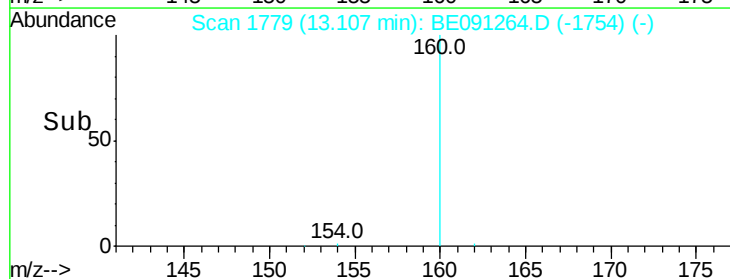
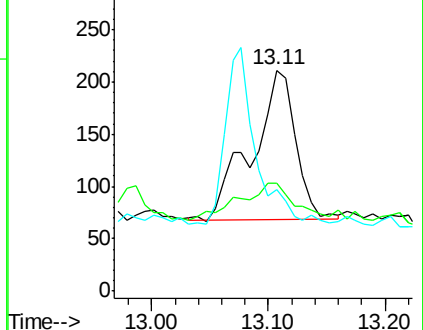
153 46.0 11.3 16.9#

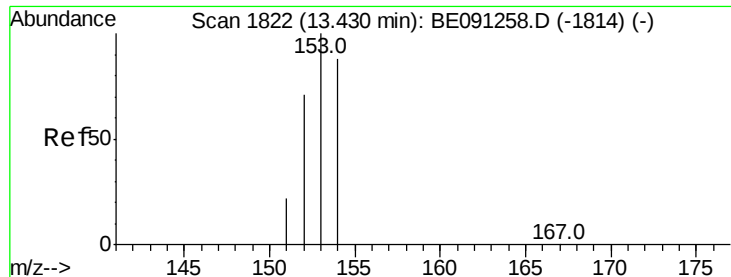


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.43 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampled :

D9KL3

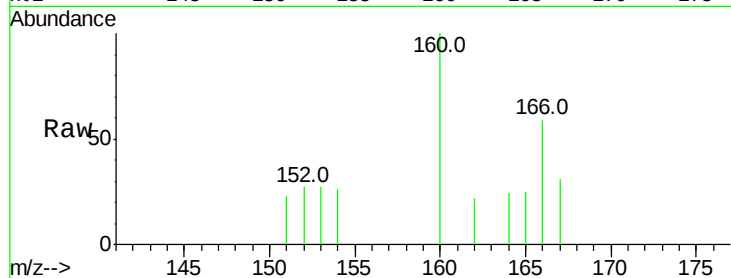
Tot Ion:153 Resp: 59

Ion Ratio Lower Upper

153 100

152 98.9 42.3 63.5#

154 94.5 64.7 97.1



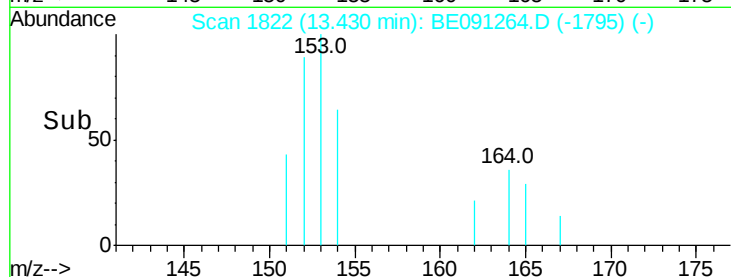
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

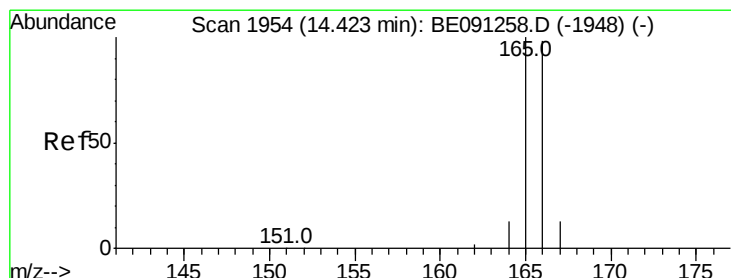
Ion 154.00 (153.70 to 154.70): E

13.43

Time-->



Time-->



#11

Fluorene

Concen: 0.01 ng/ul

RT: 14.41 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

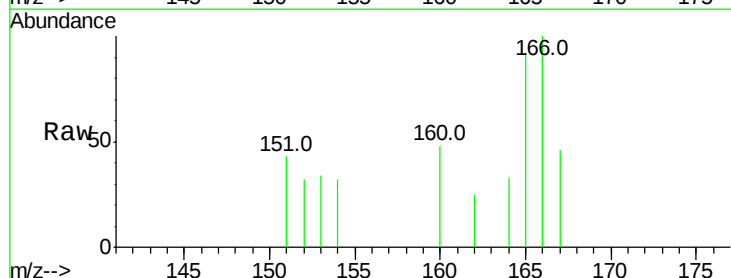
Tgt Ion:166 Resp: 280

Ion Ratio Lower Upper

166 100

165 92.4 87.6 131.4

167 46.4 11.1 16.7#



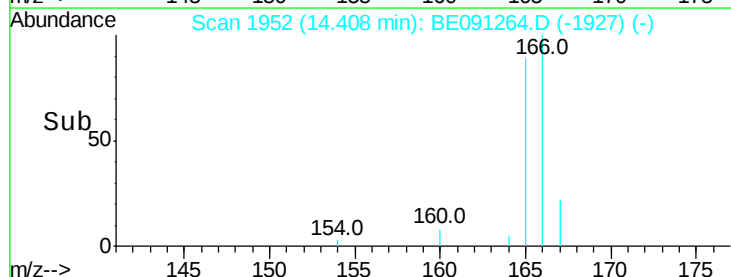
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

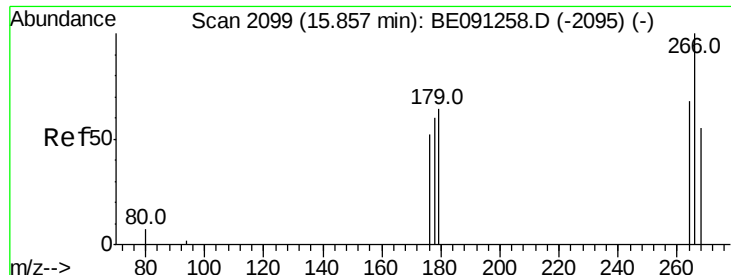
Ion 167.00 (166.70 to 167.70): E

14.41

Time-->



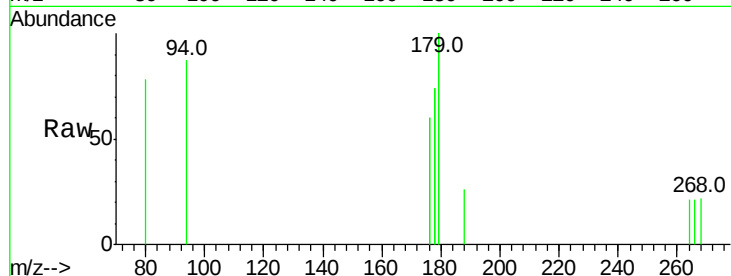
Time-->



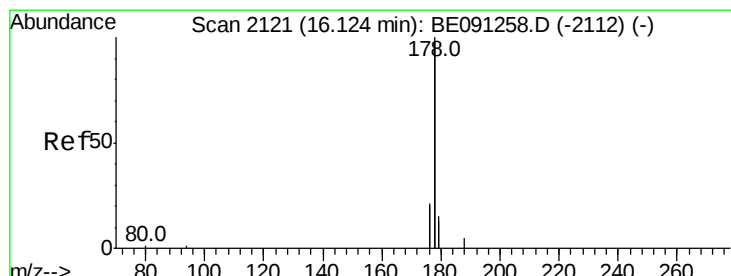
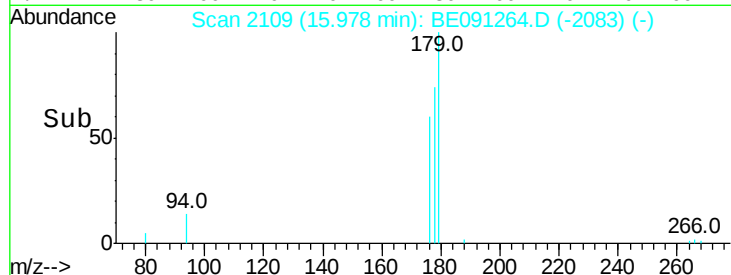
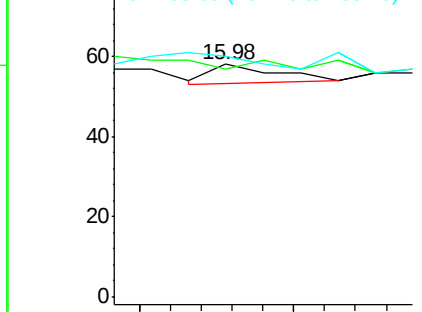
#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 15.98 min Scan# 2109
 Delta R.T. 0.12 min
 Lab File: BE091264.D
 Acq: 21 Nov 2015 3:49

Instrument :
 BNA_E
 ClientSampleId :
 D9KL3

Tot Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 0.0 54.2 81.2#

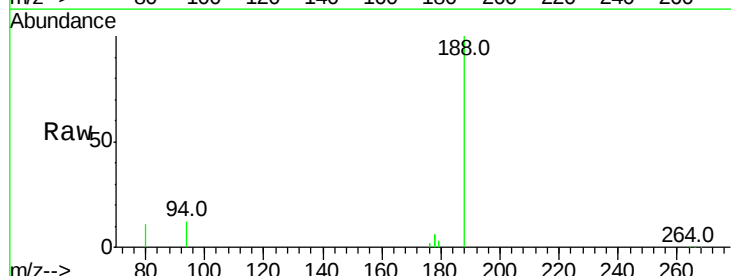


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

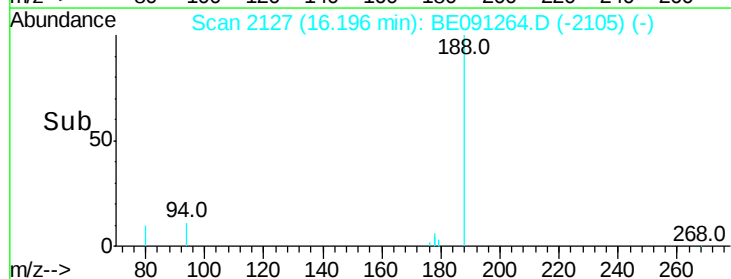
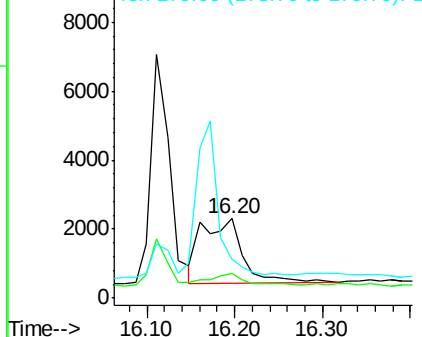


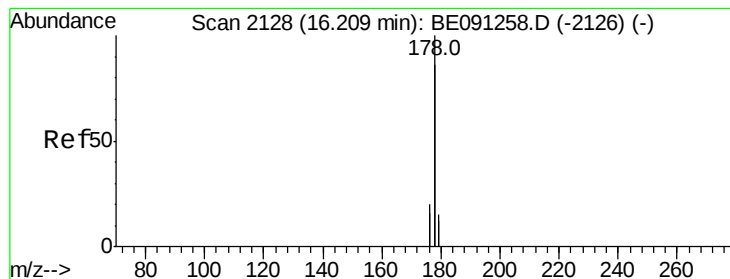
#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 16.20 min Scan# 2127
 Delta R.T. 0.07 min
 Lab File: BE091264.D
 Acq: 21 Nov 2015 3:49

Tgt Ion:178 Resp: 6000
 Ion Ratio Lower Upper
 178 100
 176 30.8 16.2 24.4#
 179 48.2 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: 16.20 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

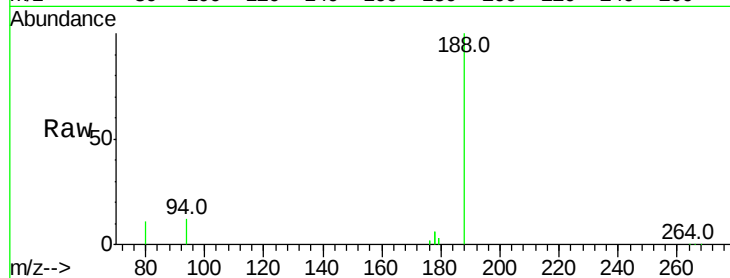
Tot Ion:178 Resp: 5817

Ion Ratio Lower Upper

178 100

176 30.8 15.8 23.8#

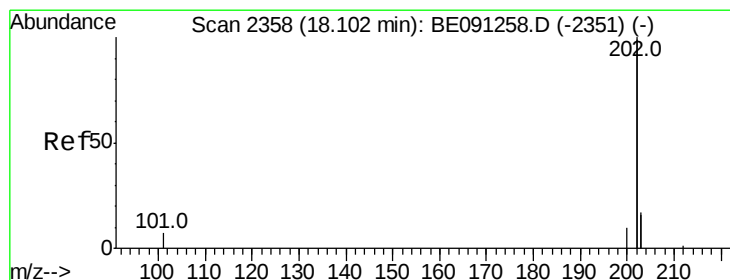
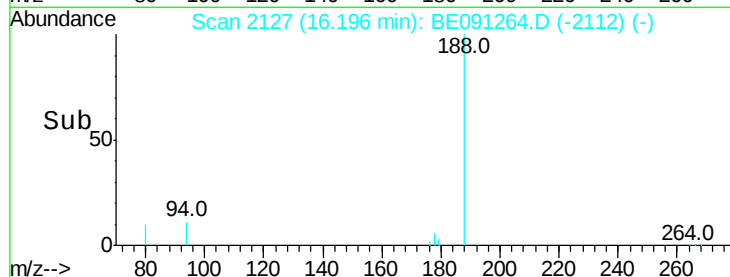
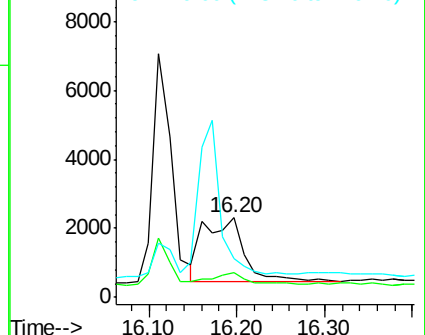
179 48.2 13.3 19.9#



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: BE091264.D

Acq: 21 Nov 2015 3:49

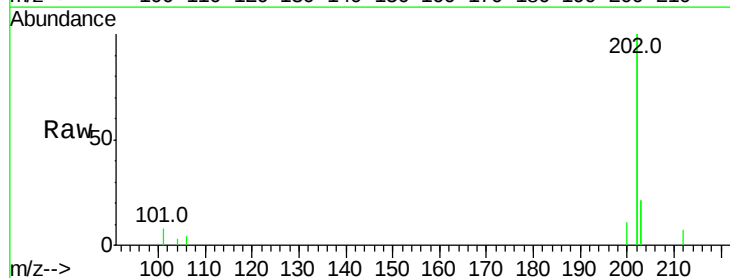
Tgt Ion:202 Resp: 24942

Ion Ratio Lower Upper

202 100

101 4.0 0.0 33.1

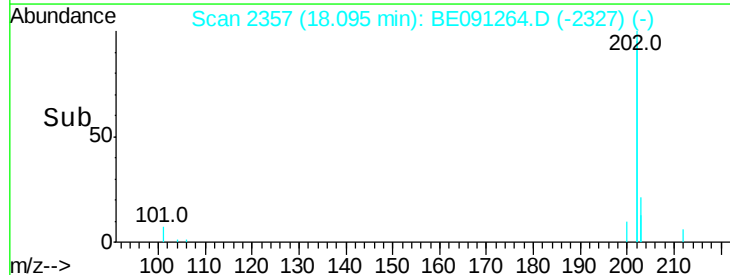
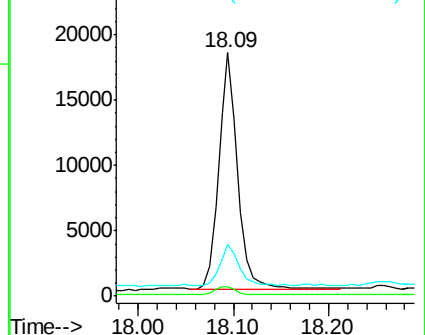
203 21.1 0.0 37.2

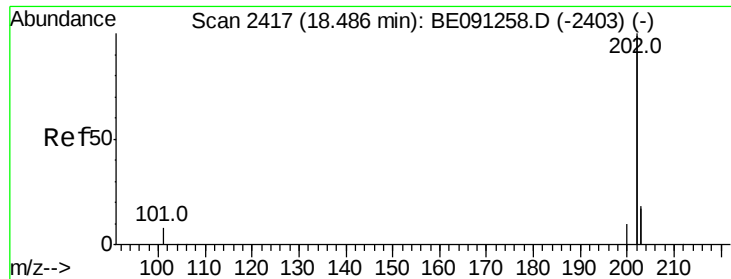


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.21 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

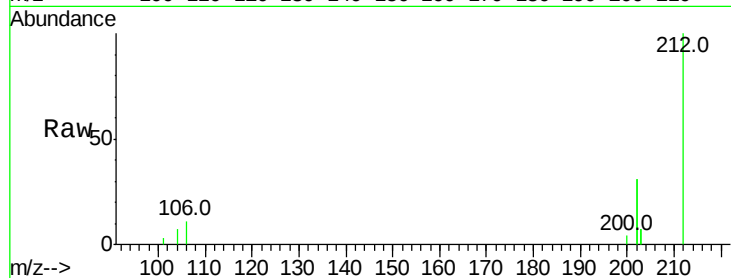
Tot Ion:202 Resp: 45490

Ion Ratio Lower Upper

202 100

200 5.7 18.0 27.0#

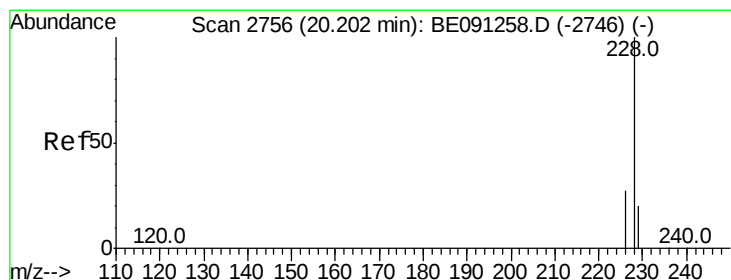
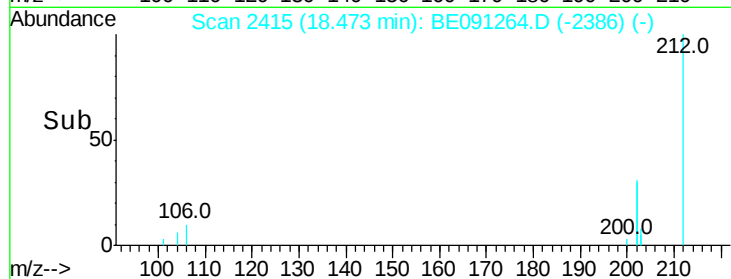
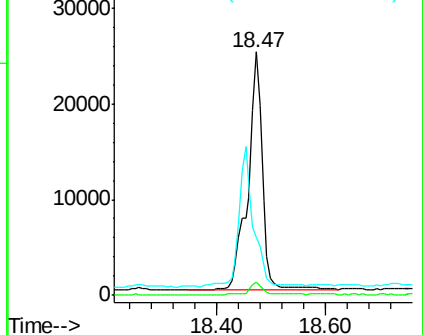
203 24.0 13.8 20.6#



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: 0.12 ng/ul

RT: 20.20 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

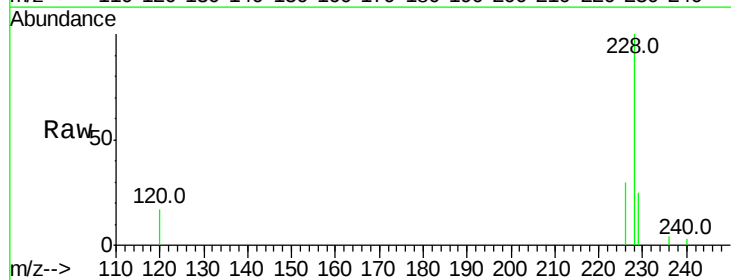
Tgt Ion:228 Resp: 5912

Ion Ratio Lower Upper

228 100

226 30.4 23.0 34.4

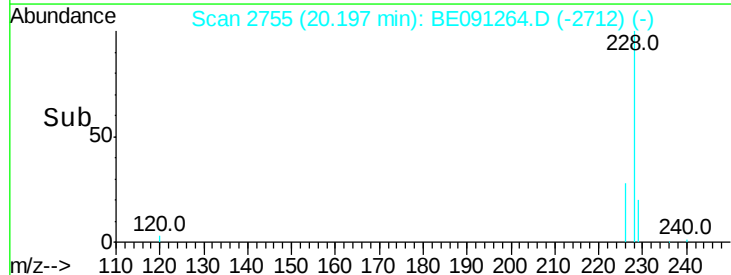
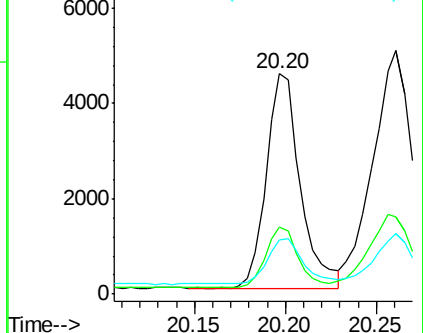
229 24.6 15.2 22.8#

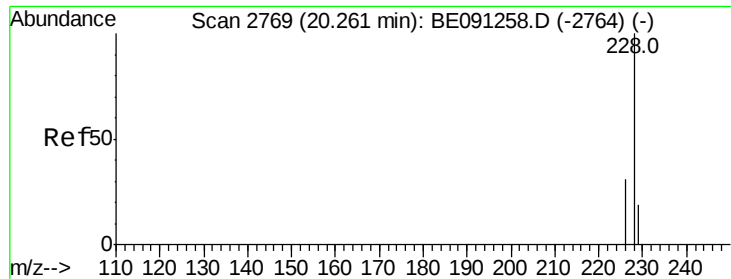


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.14 ng/ul

RT: 20.26 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

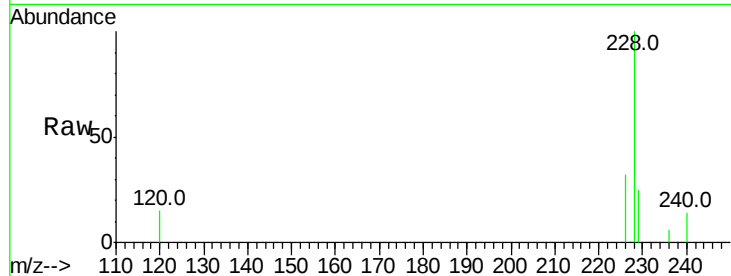
Tot Ion:228 Resp: 8002

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

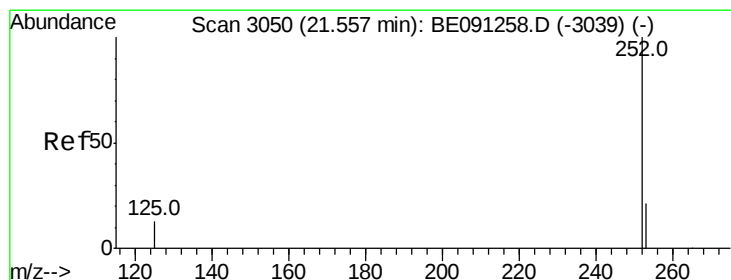
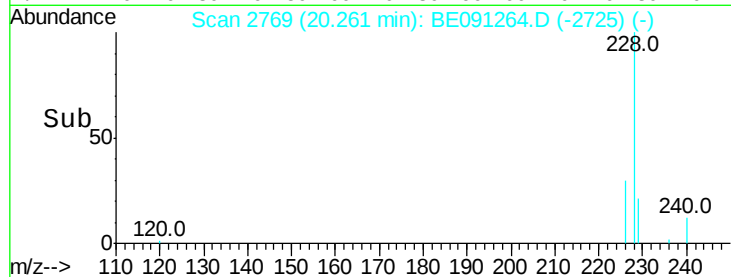
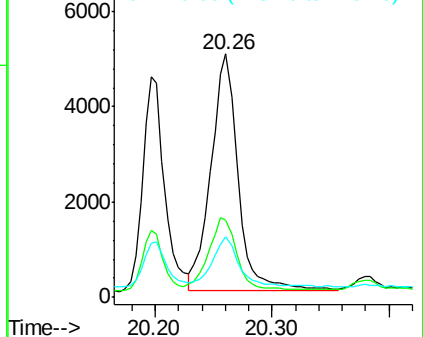
229 24.8 15.2 22.8#



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: 0.00 ng/ul

RT: 21.56 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

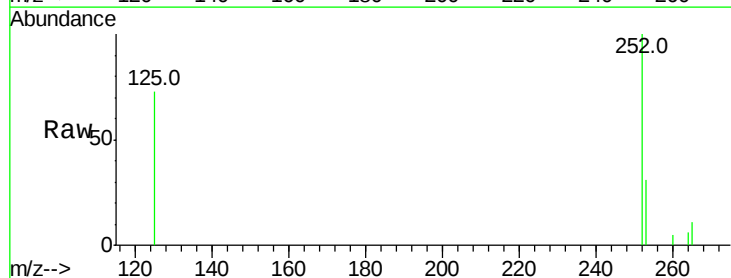
Tgt Ion:252 Resp: 4135

Ion Ratio Lower Upper

252 100

253 31.5 0.0 48.0

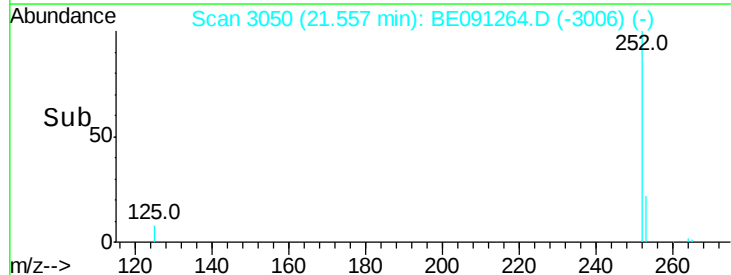
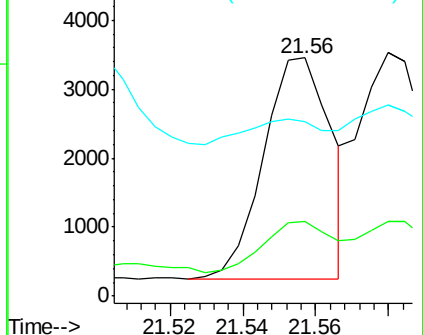
125 73.0 0.0 36.6#

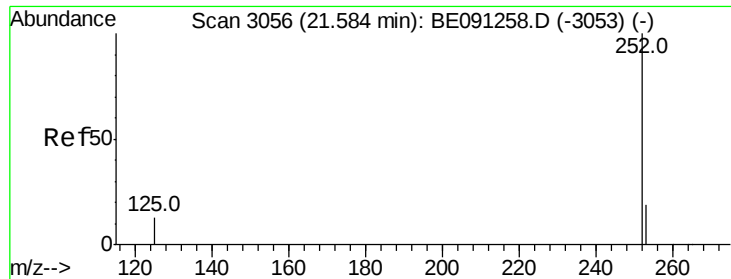


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

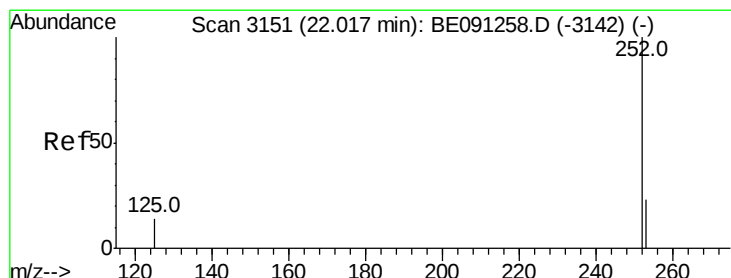
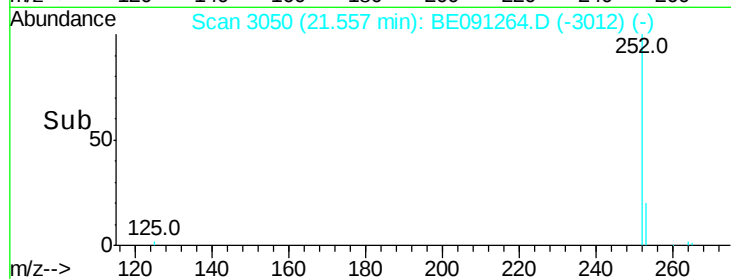
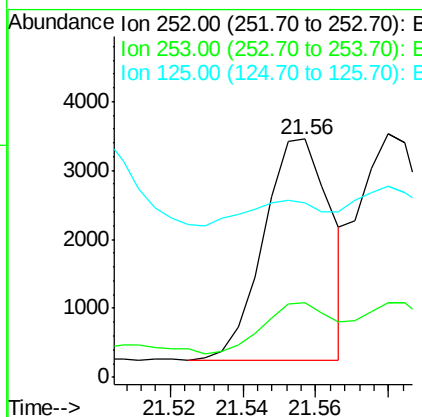
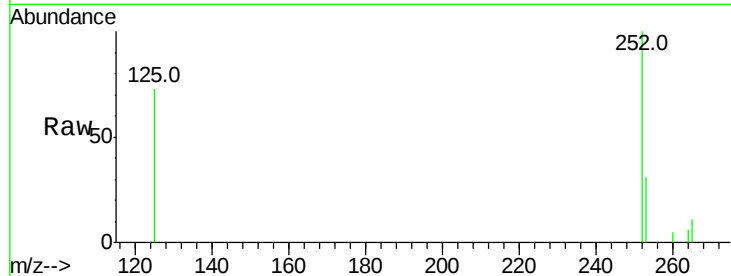




#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. -0.03 min
Lab File: BE091264.D
Acq: 21 Nov 2015 3:49

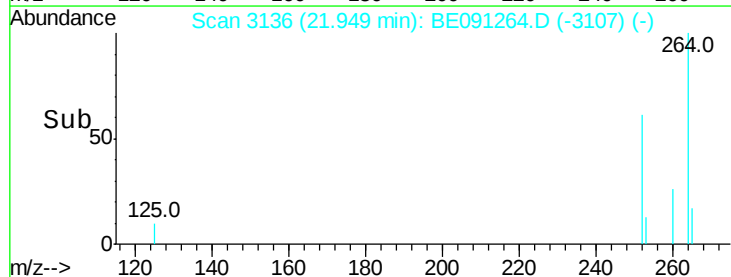
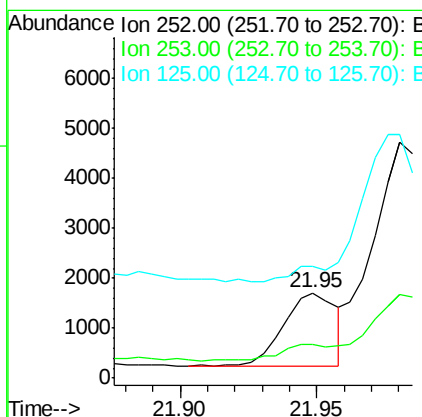
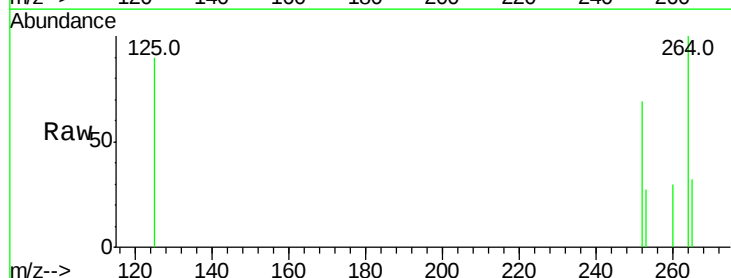
Instrument :
BNA_E
ClientSampleId :
D9KL3

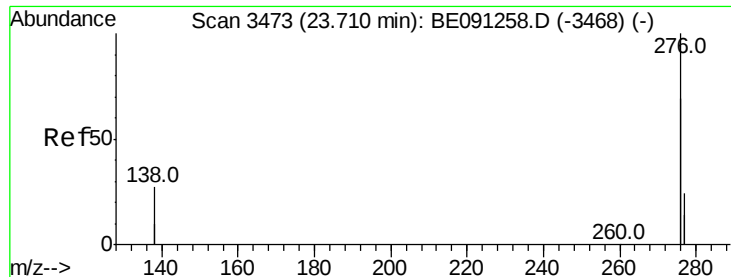
Tot Ion:252 Resp: 4135
Ion Ratio Lower Upper
252 100
253 31.5 20.8 31.2#
125 73.0 12.2 18.4#



#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 21.95 min Scan# 3136
Delta R.T. -0.07 min
Lab File: BE091264.D
Acq: 21 Nov 2015 3:49

Tgt Ion:252 Resp: 1977
Ion Ratio Lower Upper
252 100
253 39.0 21.8 32.8#
125 130.5 14.5 21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.55 min Scan# 3449

Delta R.T. -0.16 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

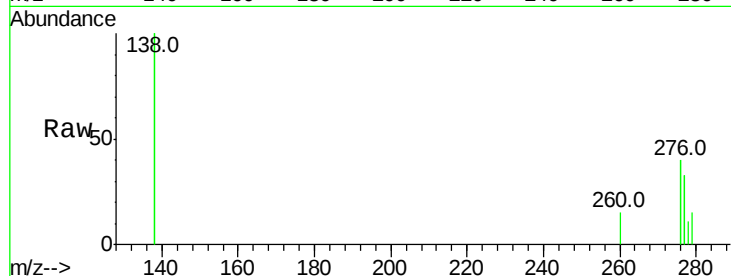
Tot Ion:276 Resp: 777

Ion Ratio Lower Upper

276 100

138 29.3 27.5 41.3

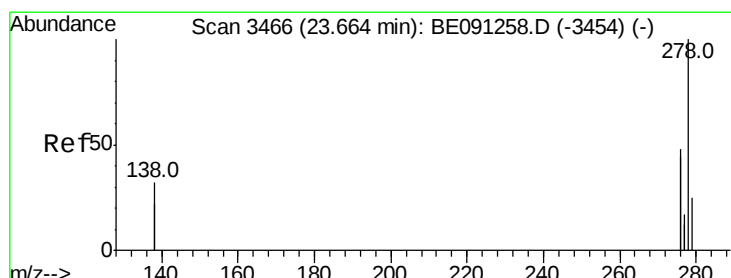
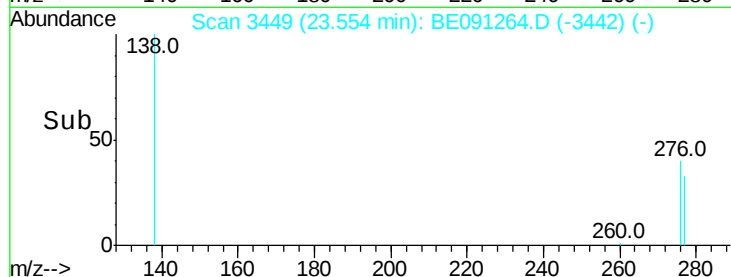
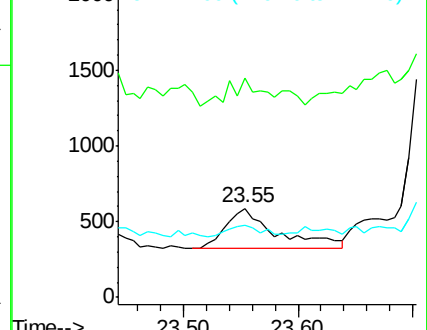
277 18.9 19.3 28.9#



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: 23.52 min Scan# 3444

Delta R.T. -0.14 min

Lab File: BE091264.D

Acq: 21 Nov 2015 3:49

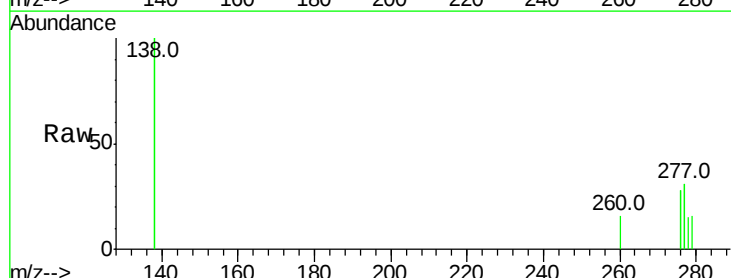
Tgt Ion:278 Resp: 18

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

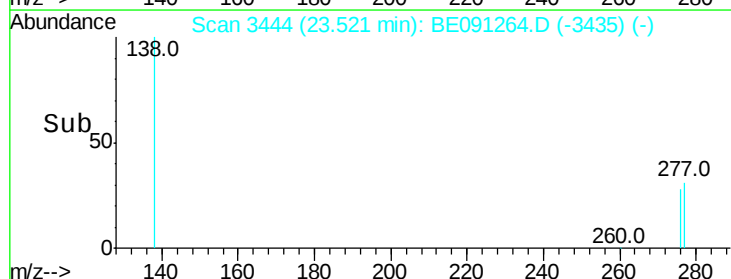
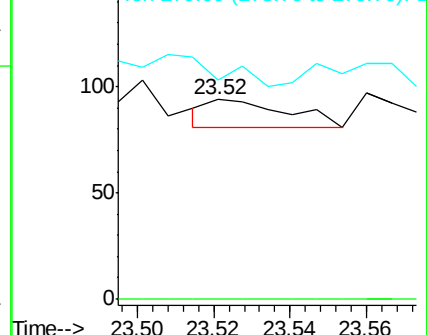
279 109.6 21.9 32.9#

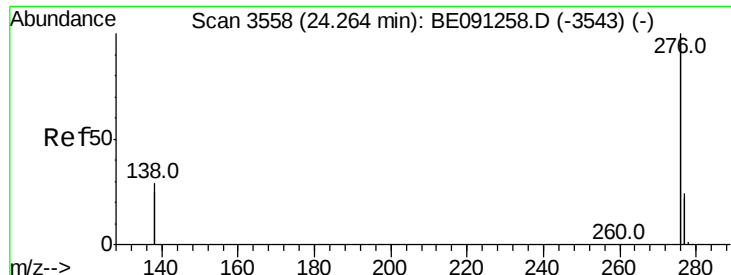


Abundance Ion 278.00 (277.70 to 278.70): E

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: BE091264.D

Acq: 21 Nov 2015 3:49

Instrument :

BNA_E

ClientSampleId :

D9KL3

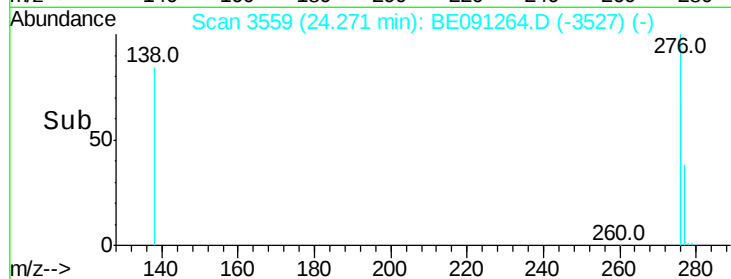
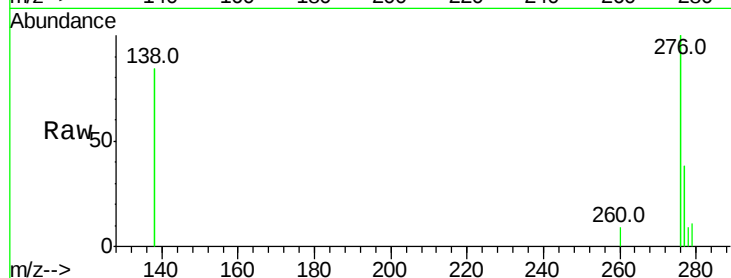
Tot Ion:276 Resp: 3670

Ion Ratio Lower Upper

276 100

277 37.6 21.3 31.9#

138 84.0 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

