

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102715\
 Data File : BE091055.D
 Acq On : 27 Oct 2015 18:59
 Operator : UM/NP
 Sample : G4075-07RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JG9K7RE

Quant Time: Oct 28 04:00:10 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 : Wed Oct 28 03:57:22 2015
 Response via : Initial Calibration

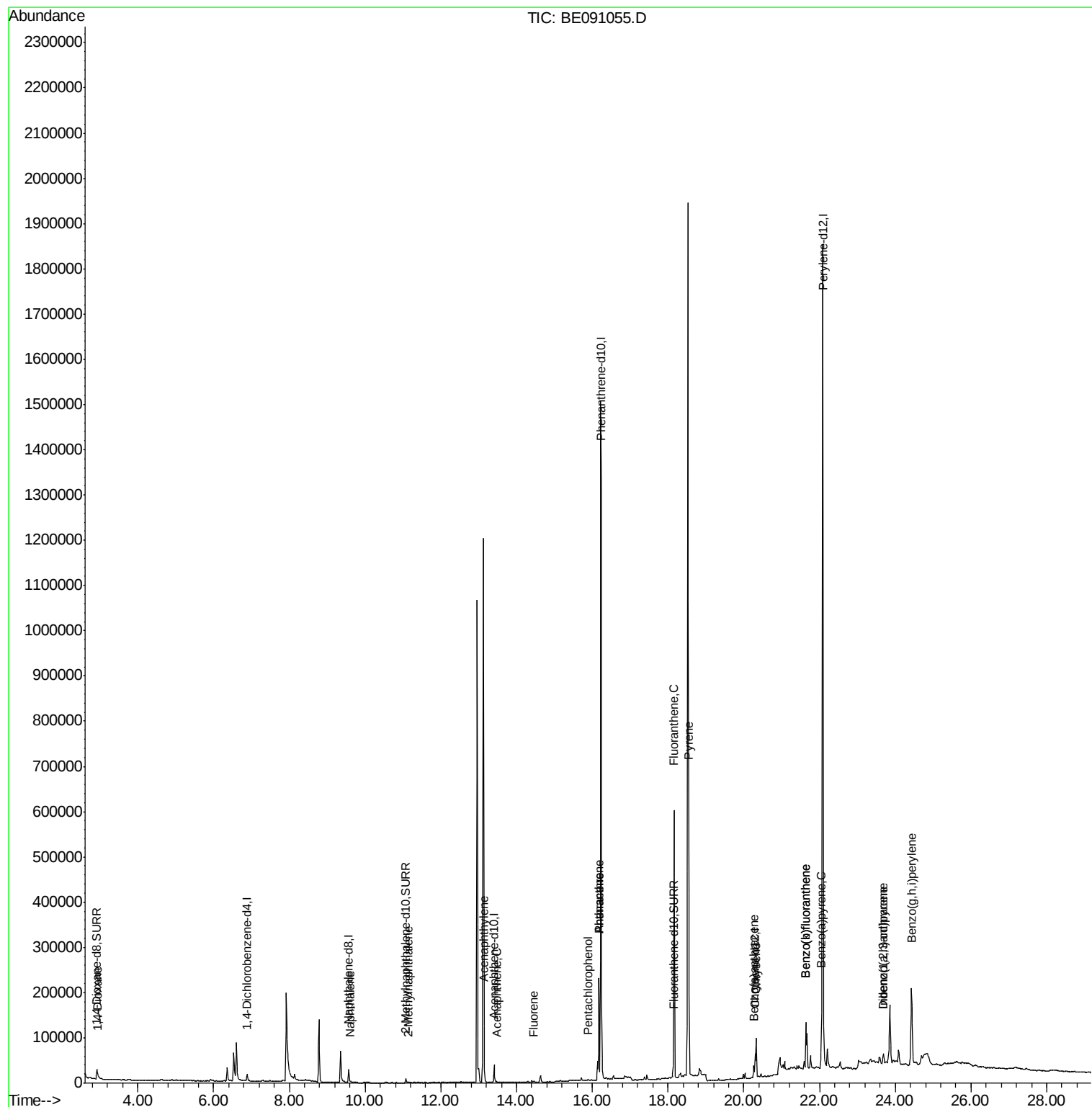
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	6604	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	34465	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.41	164	20685	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.23	188	1773996	0.40	ng/ul	0.10
18) Chrysene-d12	20.30	240	43256	0.40	ng/ul	0.01
22) Perylene-d12	22.09	264	1911242	0.40	ng/ul	-0.10
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.91	96	23369	4.92	ng/uL	-0.07
6) 2-Methylnaphthalene-d10	11.07	152	9830	0.21	ng/ul	-0.01
16) Fluoranthene-d10	18.13	212	24285	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	2.95	88	288	0.05	ng/ul#	24
5) Naphthalene	9.61	128	2131	0.03	ng/ul#	71
7) 2-Methylnaphthalene	11.14	142	1244	0.02	ng/ul	87
9) Acenaphthylene	13.15	152	5197	0.05	ng/ul#	89
10) Acenaphthene	13.47	153	679	0.01	ng/ul#	87
11) Fluorene	14.45	166	1778	0.02	ng/ul#	96
13) Pentachlorophenol	15.89	266	808	0.00	ng/ul	95
14) Phenanthrene	16.17	178	228387	0.01	ng/ul	100
15) Anthracene	16.17	178	194592	0.01	ng/ul	99
17) Fluoranthene	18.16	202	599079	0.02	ng/ul	88
19) Pyrene	18.54	202	510734	1.04	ng/ul#	78
20) Benzo(a)anthracene	20.27	228	20326	0.18	ng/ul#	72
21) Chrysene	20.32	228	84029	0.66	ng/ul#	95
23) Benzo(b)fluoranthene	21.64	252	102445	0.02	ng/ul	82
24) Benzo(k)fluoranthene	21.64	252	102445	0.02	ng/ul#	83
25) Benzo(a)pyrene	22.05	252	80905	0.01	ng/ul#	67
26) Indeno(1,2,3-cd)pyrene	23.68	276	34216	0.00	ng/ul	94
27) Dibenzo(a,h)anthracene	23.68	278	324	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	24.43	276	249333	0.01	ng/ul#	81

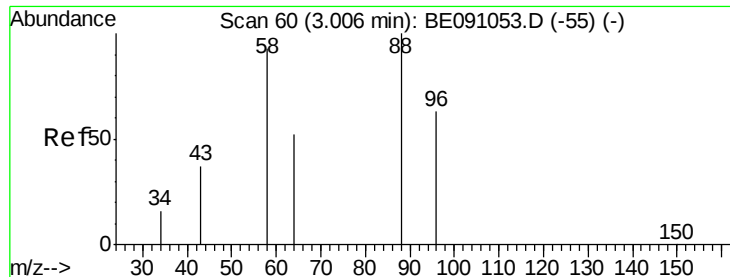
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 28 03:57:22 2015
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#3

1,4-Dioxane

Concen: 0.05 ng/ul

RT: 2.95 min Scan# 52

Delta R.T. -0.05 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

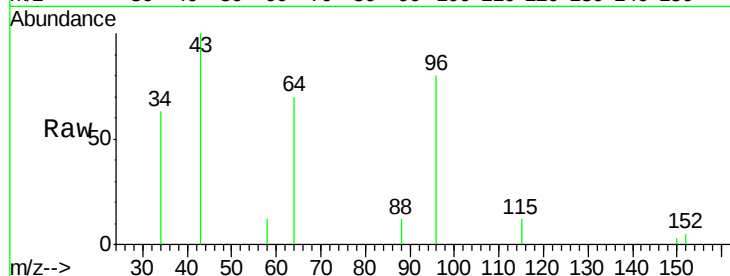
Tot Ion: 88 Resp: 288

Ion Ratio Lower Upper

88 100

58 0.0 55.4 83.2#

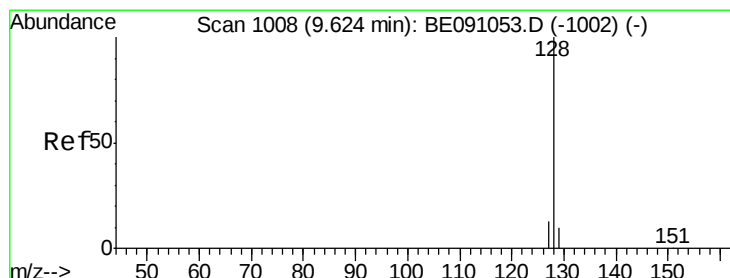
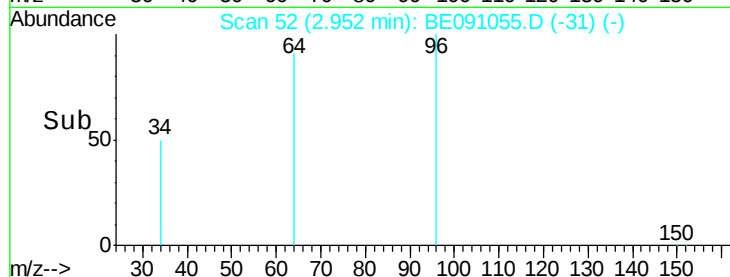
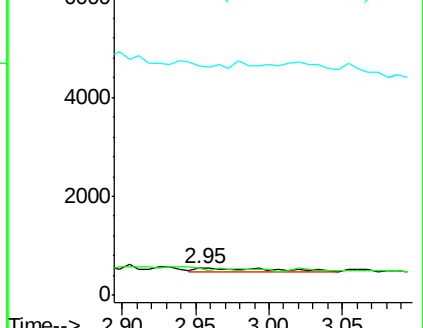
43 0.0 24.2 36.2#



Abundance Ion 88.00 (87.70 to 88.70): BE091053.D (-55) (-)

Ion 58.00 (57.70 to 58.70): BE091053.D (-55) (-)

Ion 43.00 (42.70 to 43.70): BE091053.D (-55) (-)



#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.61 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

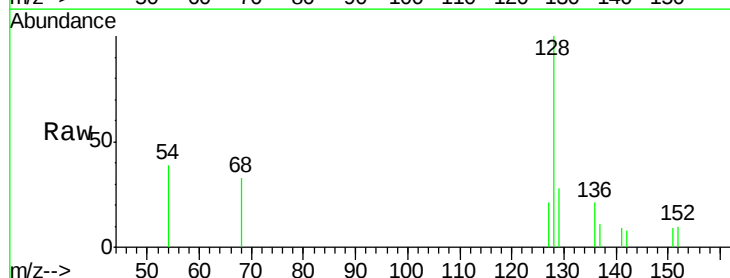
Tgt Ion: 128 Resp: 2131

Ion Ratio Lower Upper

128 100

129 27.6 9.8 14.8#

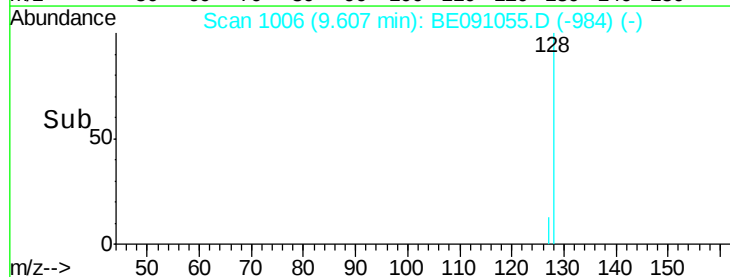
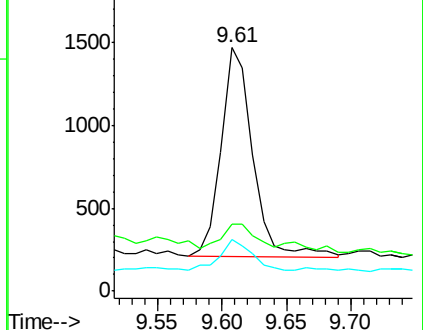
127 21.0 10.7 16.1#

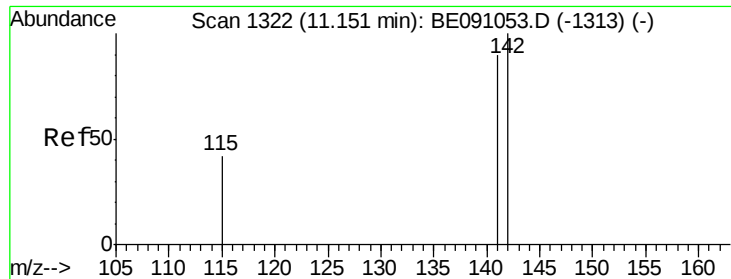


Abundance Ion 128.00 (127.70 to 128.70): BE091053.D (-1002) (-)

Ion 129.00 (128.70 to 129.70): BE091053.D (-1002) (-)

Ion 127.00 (126.70 to 127.70): BE091053.D (-1002) (-)





#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 11.14 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampled :

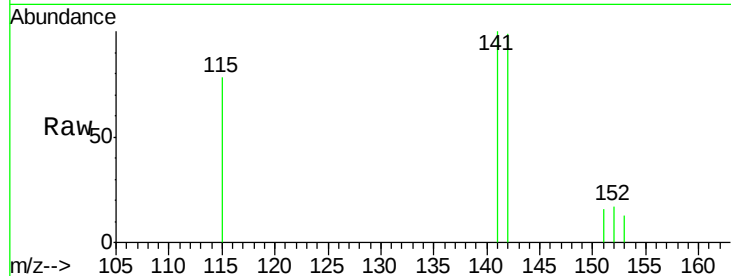
JG9K7RE

Tot Ion:142 Resp: 1244

Ion Ratio Lower Upper

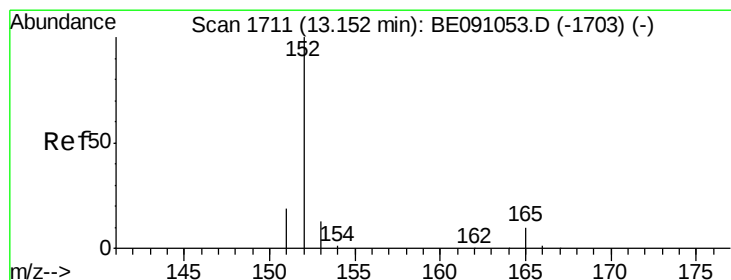
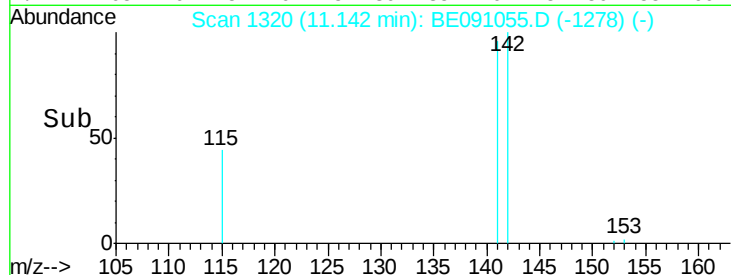
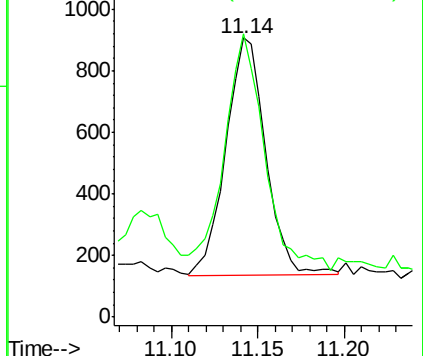
142 100

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: 0.05 ng/ul

RT: 13.15 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

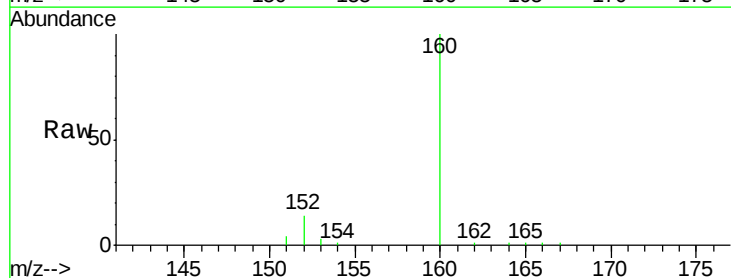
Tgt Ion:152 Resp: 5197

Ion Ratio Lower Upper

152 100

151 26.7 16.8 25.2#

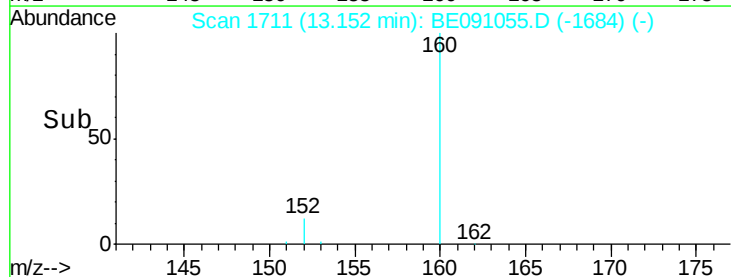
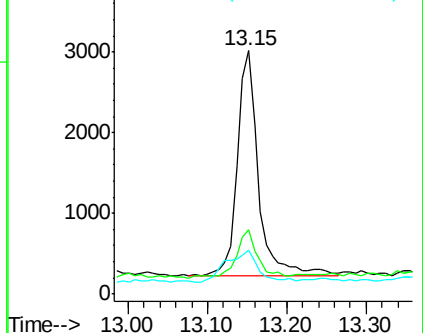
153 18.3 11.3 16.9#

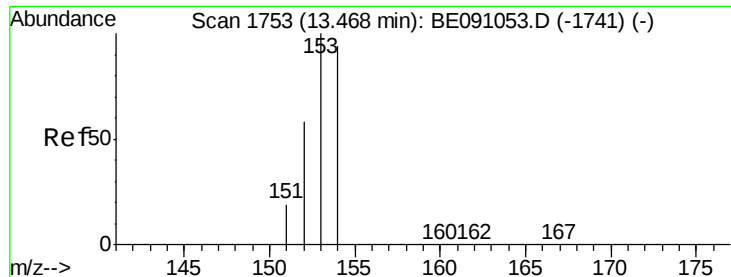


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.01 ng/ul

RT: 13.47 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

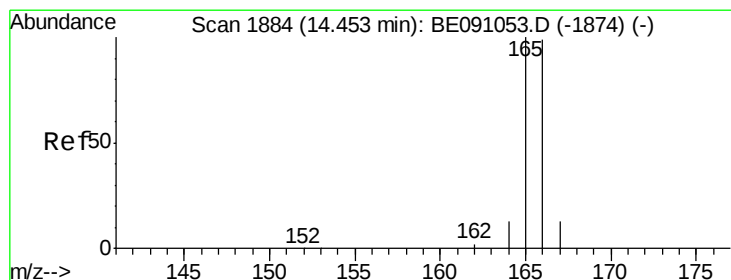
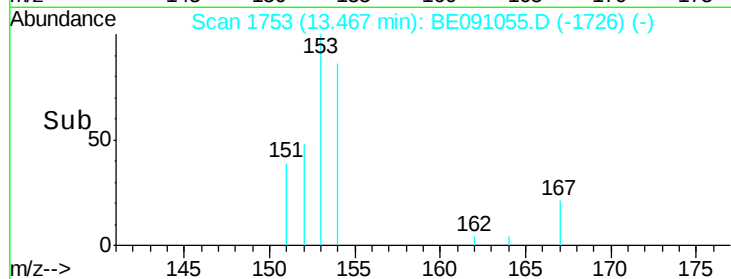
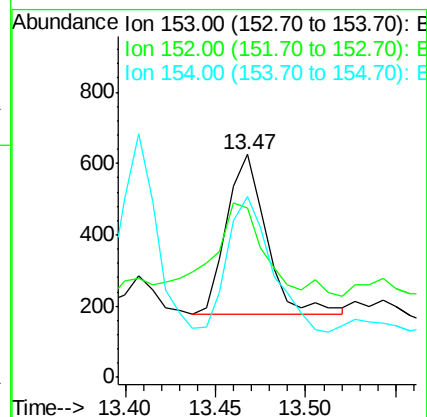
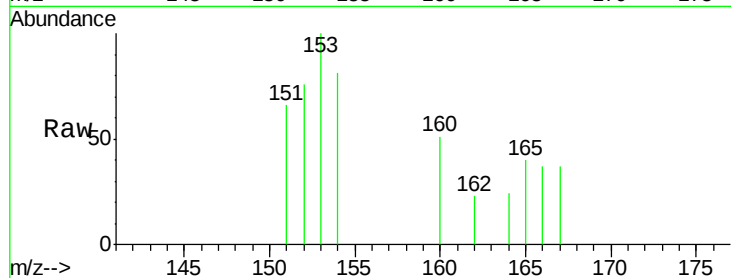
Tot Ion:153 Resp: 679

Ion Ratio Lower Upper

153 100

152 76.3 42.3 63.5#

154 81.3 64.7 97.1



#11

Fluorene

Concen: 0.02 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

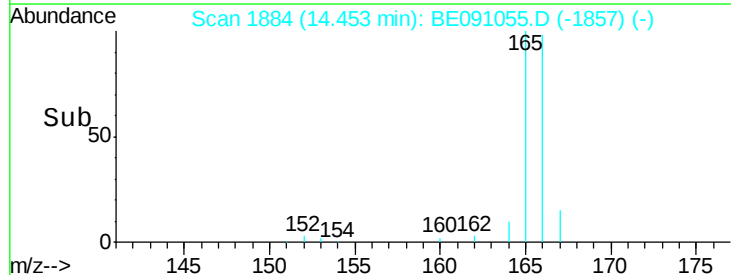
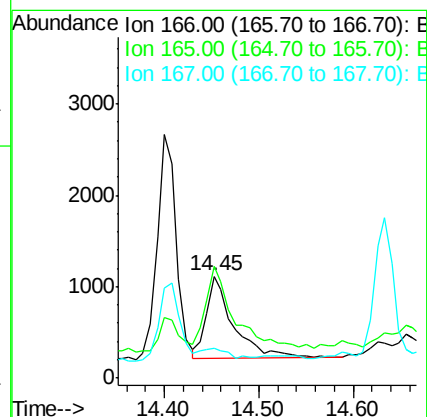
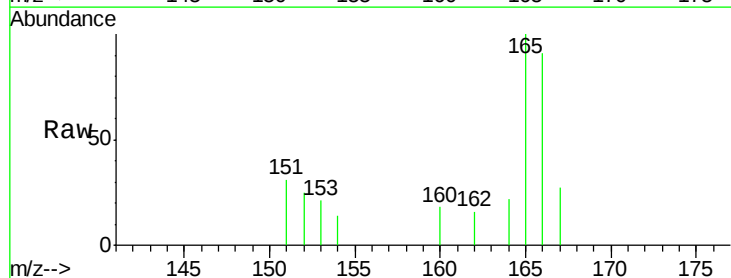
Tgt Ion:166 Resp: 1778

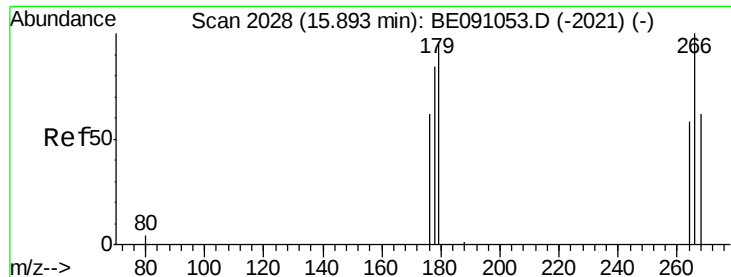
Ion Ratio Lower Upper

166 100

165 109.6 87.6 131.4

167 29.5 11.1 16.7#

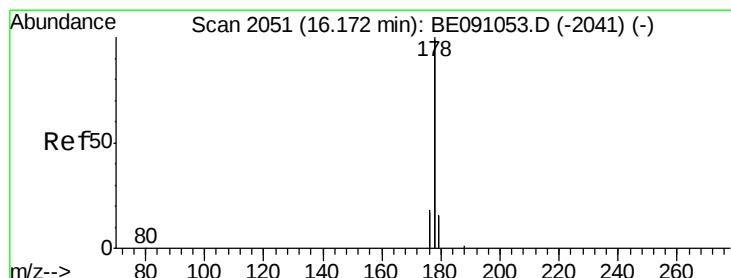
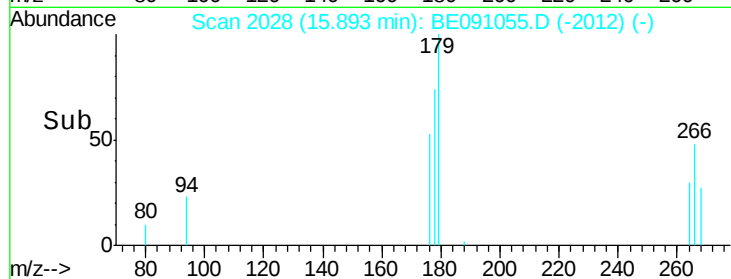
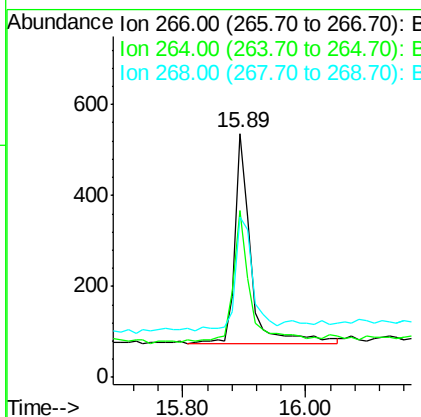
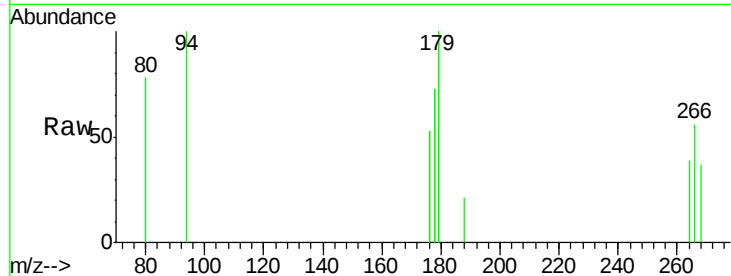




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 15.89 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

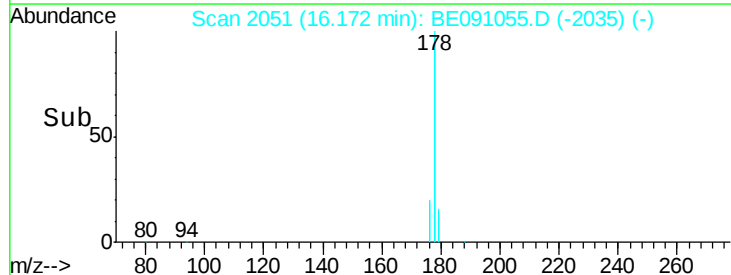
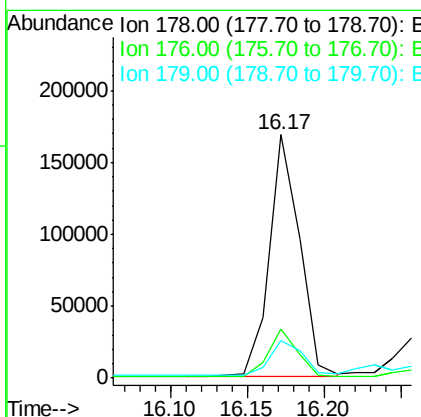
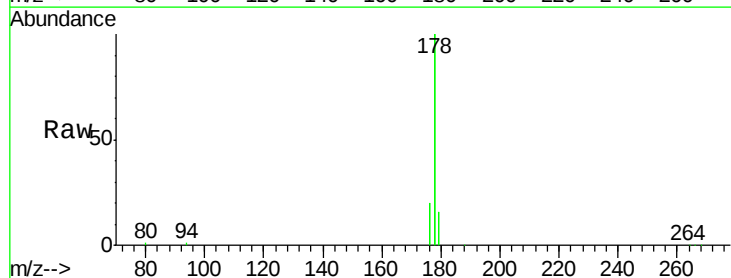
Instrument :
 BNA_E
 ClientSampleId :
 JG9K7RE

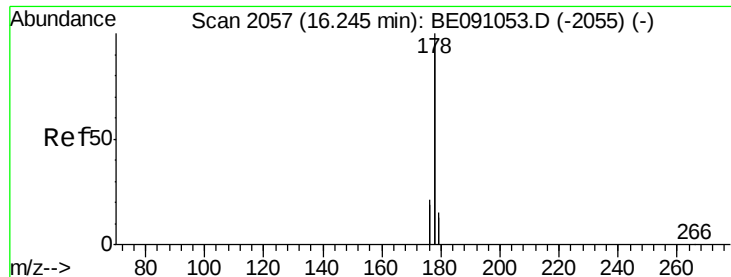
Tot Ion:266 Resp: 808
 Ion Ratio Lower Upper
 266 100
 264 65.8 53.5 80.3
 268 60.3 54.2 81.2



#14
 Phenanthrene
 Concen: 0.01 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091055.D
 Acq: 27 Oct 2015 18:59

Tgt Ion:178 Resp: 228387
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.7 12.8 19.2





#15

Anthracene

Concen: 0.01 ng/ul

RT: 16.17 min Scan# 2051

Delta R.T. -0.07 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

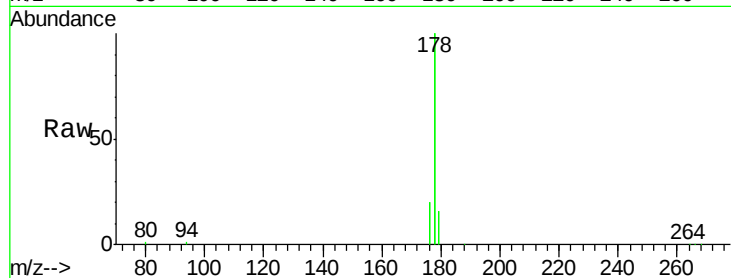
Tot Ion:178 Resp: 194592

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

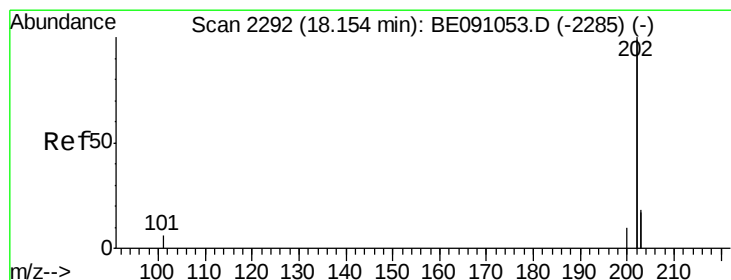
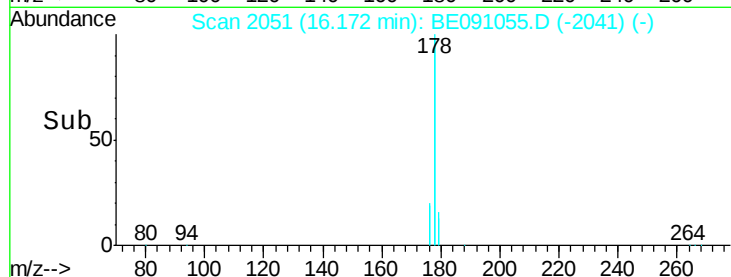
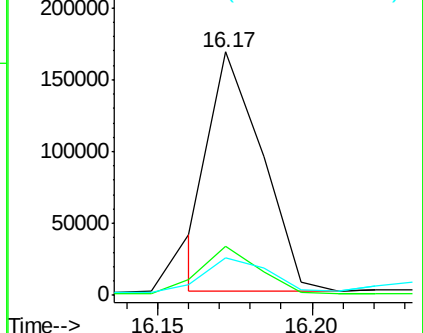
179 15.7 13.3 19.9



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: 0.02 ng/ul

RT: 18.16 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

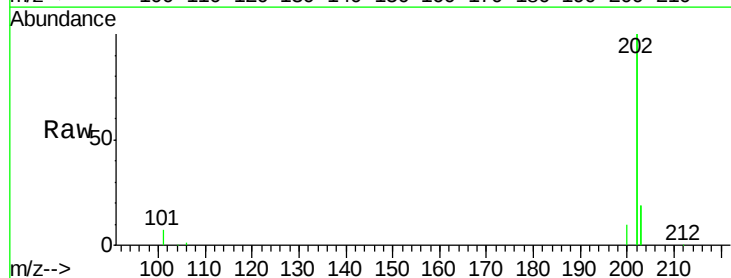
Tgt Ion:202 Resp: 599079

Ion Ratio Lower Upper

202 100

101 3.6 0.0 33.1

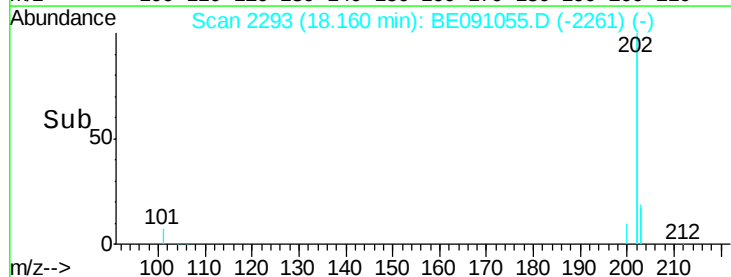
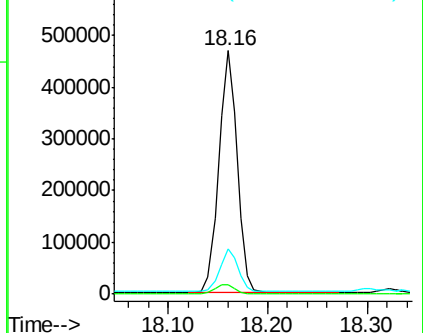
203 18.6 0.0 37.2

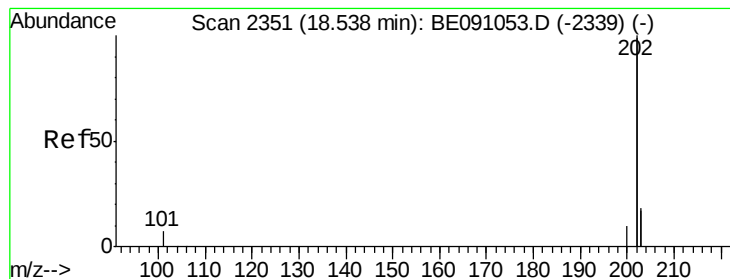


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 1.04 ng/ul

RT: 18.54 min Scan# 2352

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

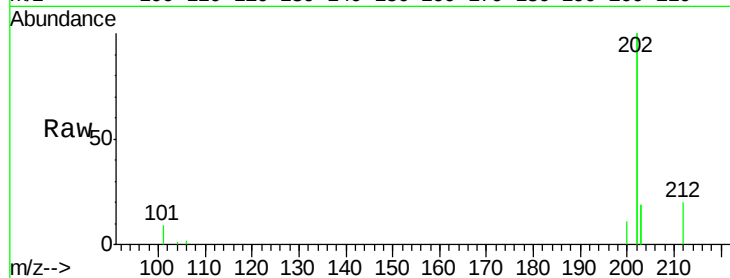
Tot Ion:202 Resp: 510734

Ion Ratio Lower Upper

202 100

200 5.5 18.0 27.0#

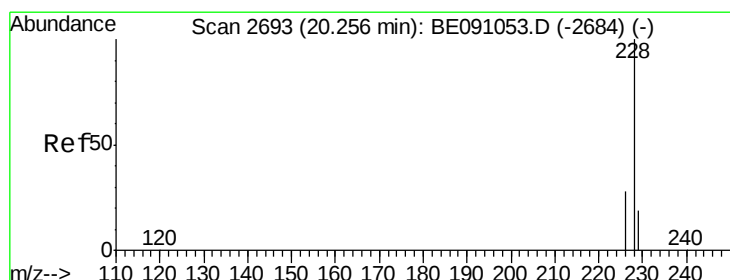
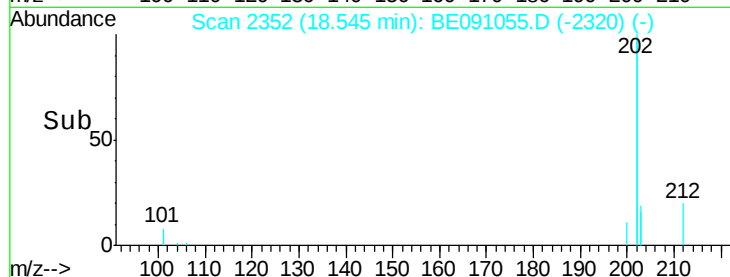
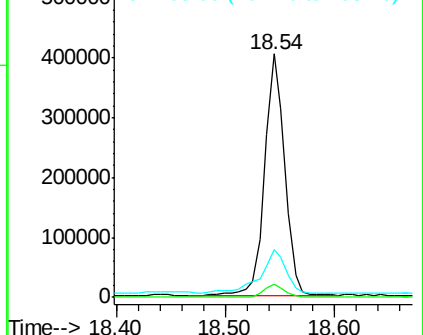
203 19.4 13.8 20.6



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: 0.18 ng/ul

RT: 20.27 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

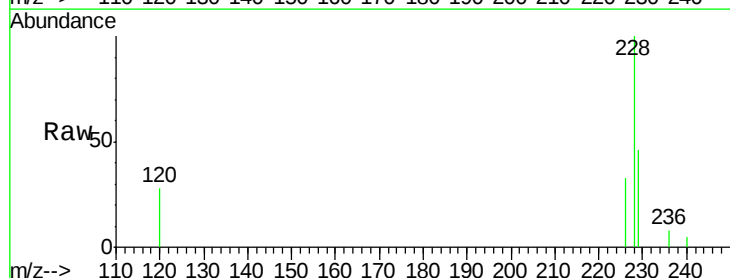
Tgt Ion:228 Resp: 20326

Ion Ratio Lower Upper

228 100

226 33.1 23.0 34.4

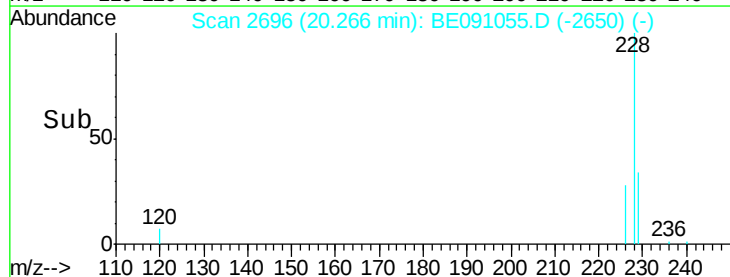
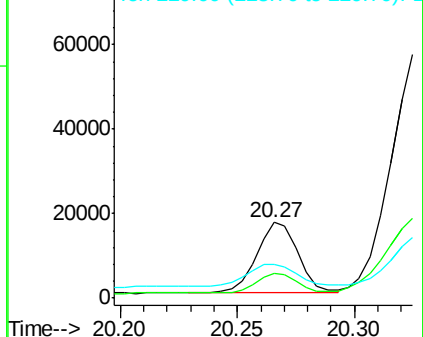
229 45.5 15.2 22.8#

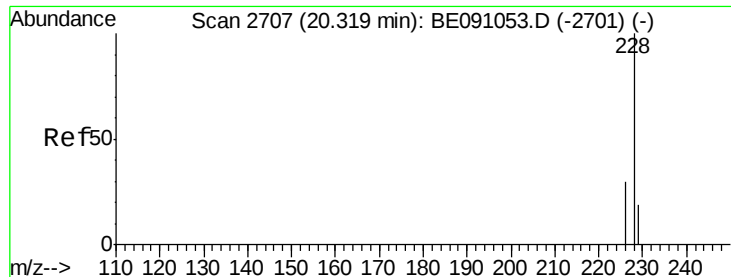


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.66 ng/u1

RT: 20.32 min Scan# 2709

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

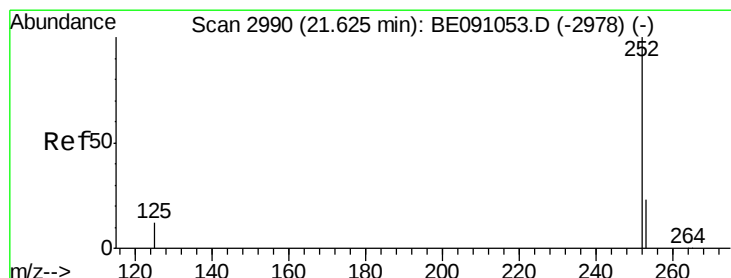
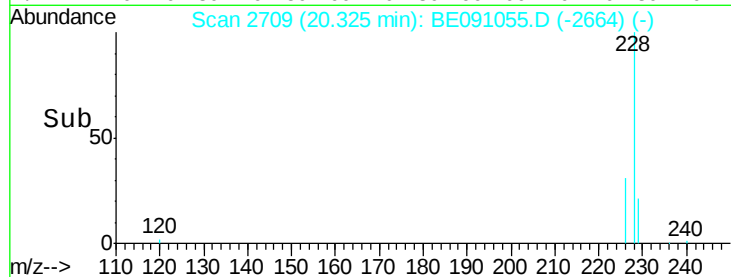
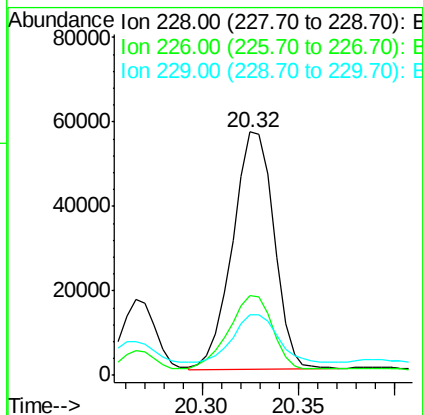
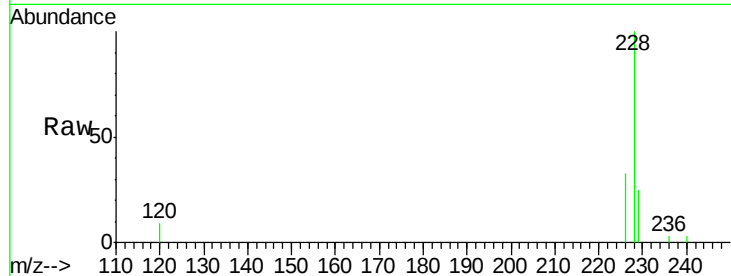
Tot Ion:228 Resp: 84029

Ion Ratio Lower Upper

228 100

226 32.7 25.7 38.5

229 24.8 15.2 22.8#



#23

Benzo(b)fluoranthene

Concen: 0.02 ng/u1

RT: 21.64 min Scan# 2994

Delta R.T. 0.01 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

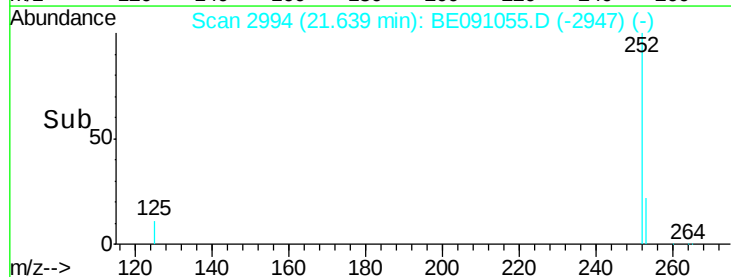
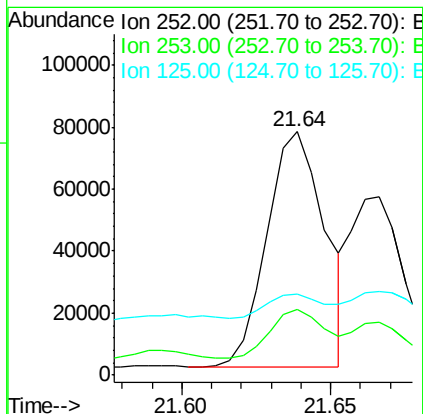
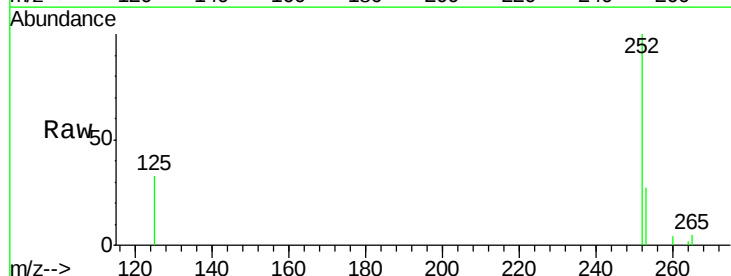
Tgt Ion:252 Resp: 102445

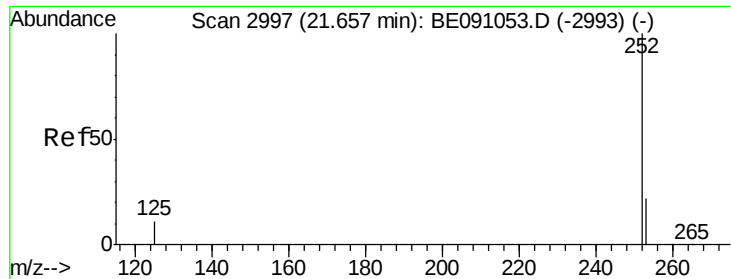
Ion Ratio Lower Upper

252 100

253 27.2 0.0 48.0

125 33.2 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 21.64 min Scan# 2994

Delta R.T. -0.02 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

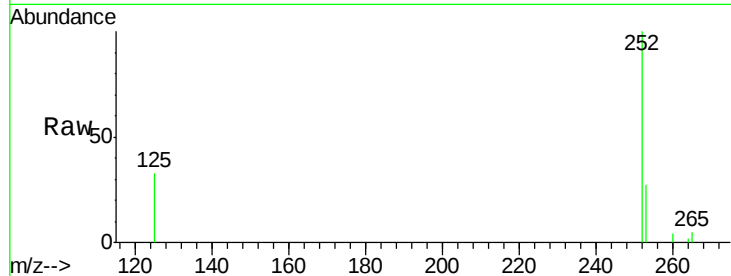
Tot Ion:252 Resp: 102445

Ion Ratio Lower Upper

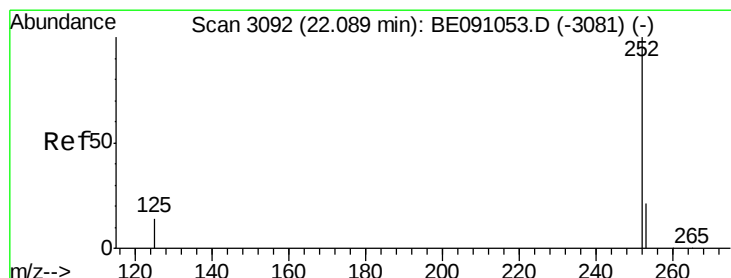
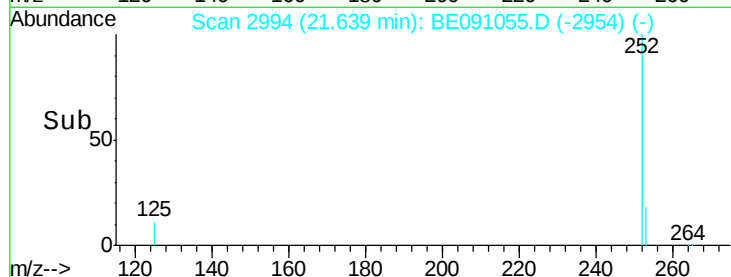
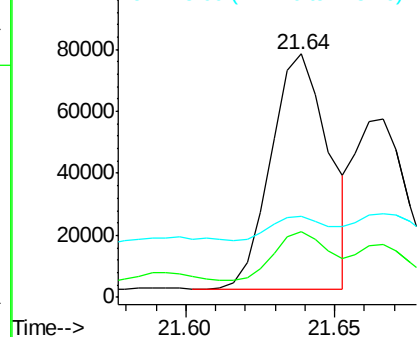
252 100

253 27.2 20.8 31.2

125 33.2 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: 0.01 ng/ul

RT: 22.05 min Scan# 3084

Delta R.T. -0.04 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

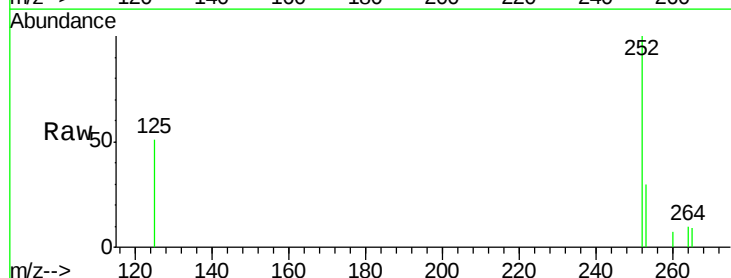
Tgt Ion:252 Resp: 80905

Ion Ratio Lower Upper

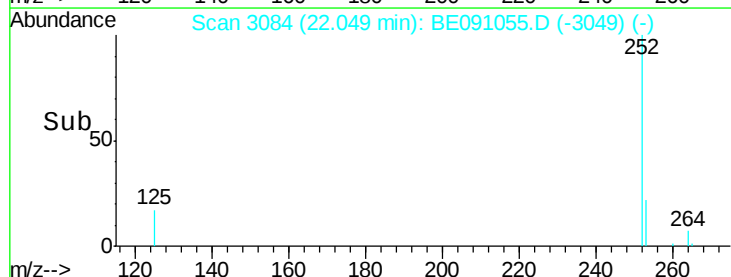
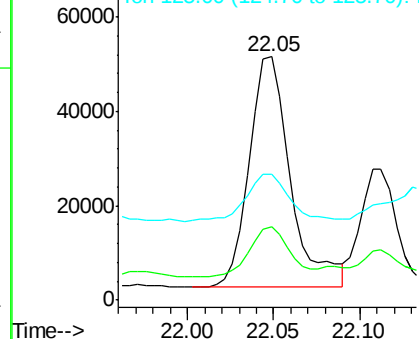
252 100

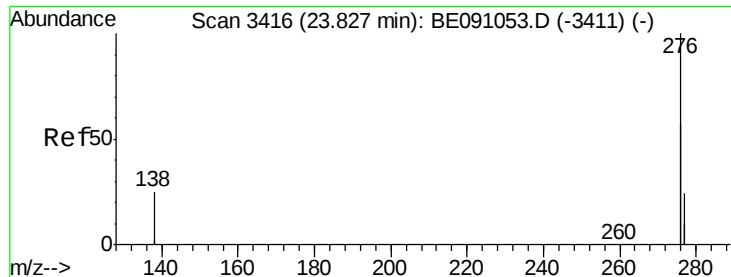
253 30.1 21.8 32.8

125 51.4 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: 23.68 min Scan# 3395

Delta R.T. -0.14 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

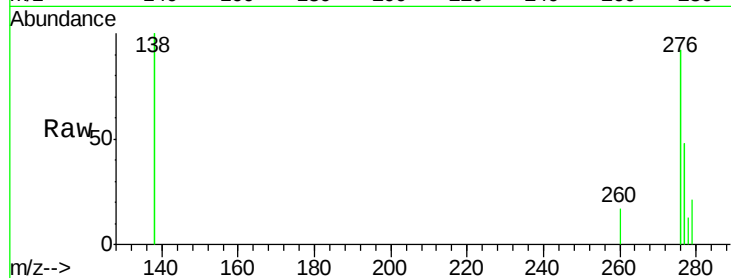
Tot Ion:276 Resp: 34216

Ion Ratio Lower Upper

276 100

138 29.1 27.5 41.3

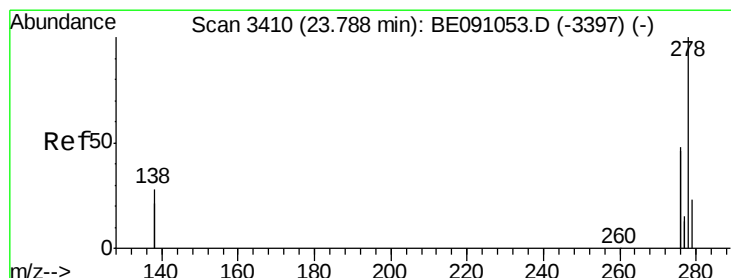
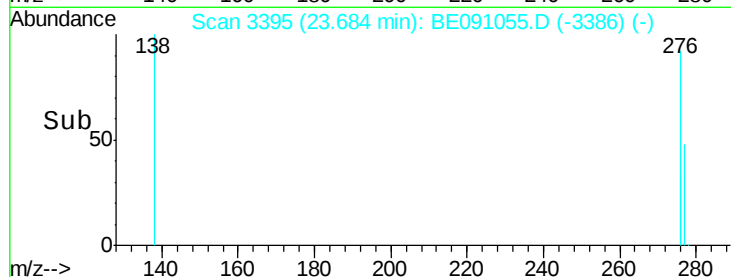
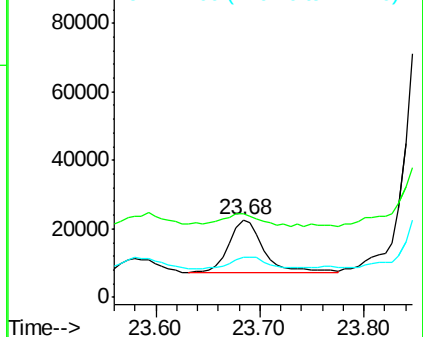
277 24.8 19.3 28.9



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: 23.68 min Scan# 3395

Delta R.T. -0.10 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

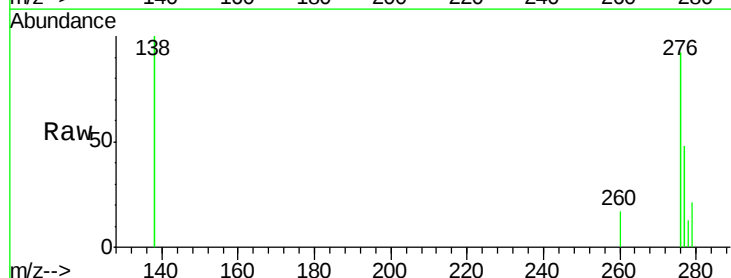
Tgt Ion:278 Resp: 324

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

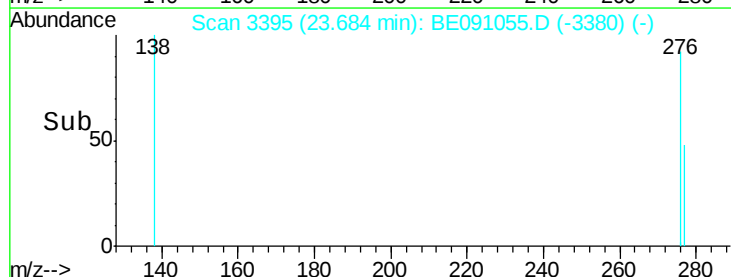
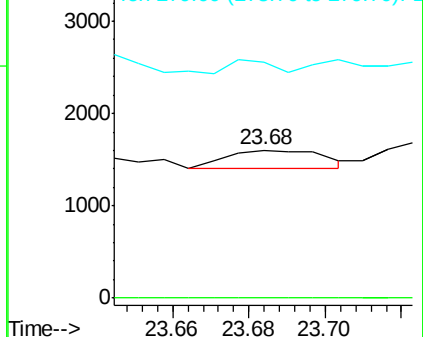
279 159.8 21.9 32.9#

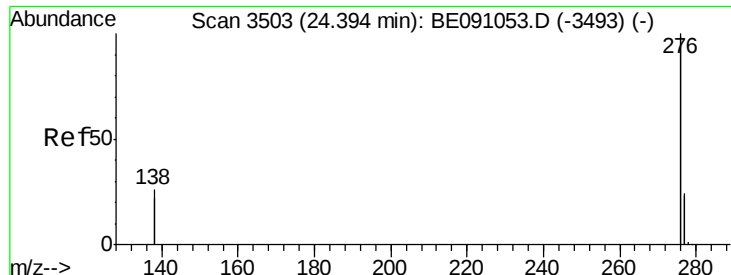


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.01 ng/ul

RT: 24.43 min Scan# 3509

Delta R.T. 0.03 min

Lab File: BE091055.D

Acq: 27 Oct 2015 18:59

Instrument :

BNA_E

ClientSampleId :

JG9K7RE

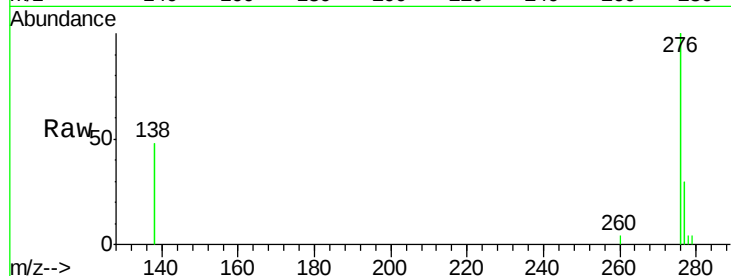
Tot Ion: 276 Resp: 249333

Ion Ratio Lower Upper

276 100

277 29.7 21.3 31.9

138 48.1 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

