

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111715\
 Data File : BE091215.D
 Acq On : 17 Nov 2015 21:46
 Operator : UM/NP
 Sample : G4273-12DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 18 04:26:54 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 Nov 18 04:23:52 2015
 Response via : Initial Calibration

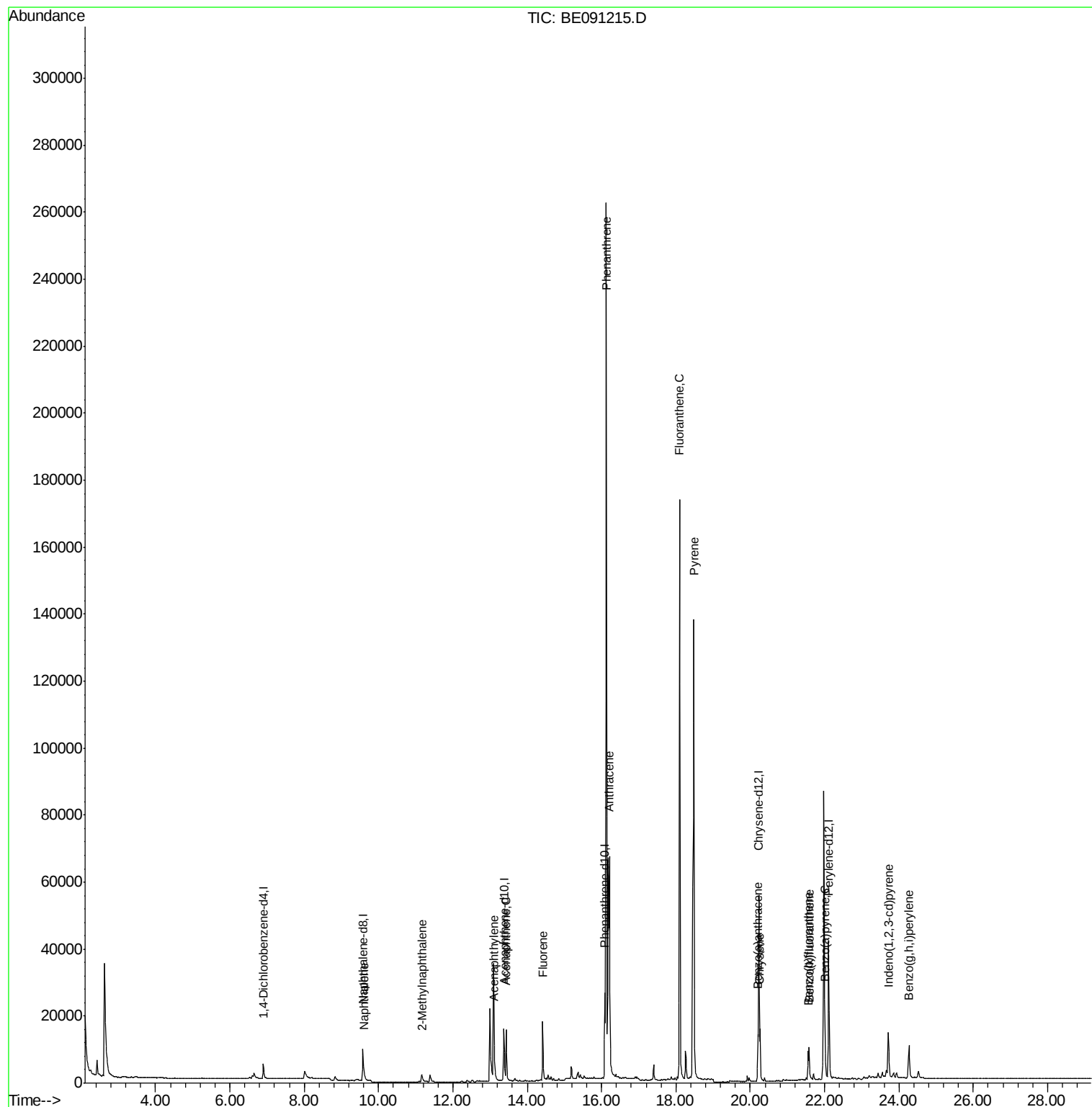
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2861	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	15122	0.40	ng/ul	0.02
8) Acenaphthene-d10	13.38	164	8903	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	28162	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	48329	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	43038	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.05	96	42	0.02	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.09	152	292	0.01	ng/ul	0.02
16) Fluoranthene-d10	18.08	212	909	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.62	128	1764	0.05	ng/ul#	87
7) 2-Methylnaphthalene	11.16	142	3095	0.13	ng/ul	100
9) Acenaphthylene	13.12	152	1355	0.03	ng/ul#	83
10) Acenaphthene	13.43	153	9572	0.31	ng/ul#	89
11) Fluorene	14.42	166	12402	0.32	ng/ul	94
14) Phenanthrene	16.12	178	258615	0.80	ng/ul	97
15) Anthracene	16.21	178	83598	0.28	ng/ul	97
17) Fluoranthene	18.10	202	200181	0.53	ng/ul	89
19) Pyrene	18.48	202	154665	0.28	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	12302	0.10	ng/ul	96
21) Chrysene	20.26	228	14575	0.10	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	8655	0.06	ng/ul	94
24) Benzo(k)fluoranthene	21.59	252	9478	0.07	ng/ul	97
25) Benzo(a)pyrene	22.01	252	9904	0.08	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	23.72	276	18649	0.04	ng/ul#	91
28) Benzo(a,h,i)perylene	24.27	276	17169	0.03	ng/ul	96

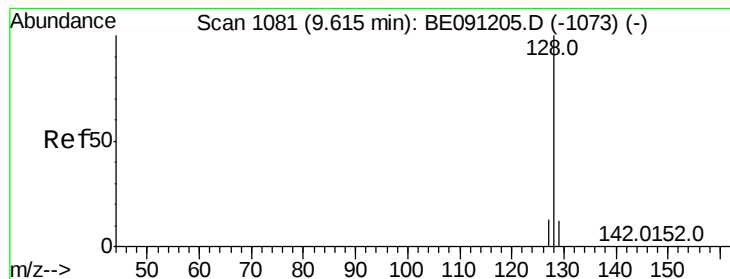
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 04:23:52 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 9.62 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

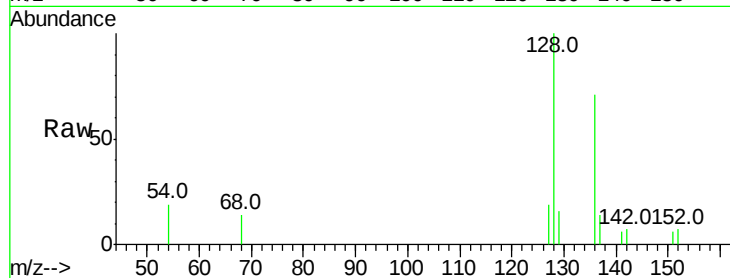
Tot Ion:128 Resp: 1764

Ion Ratio Lower Upper

128 100

129 16.5 9.8 14.8#

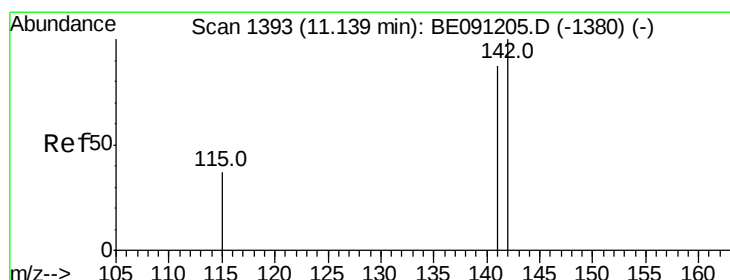
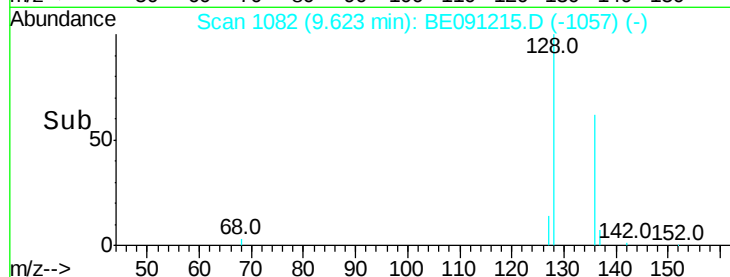
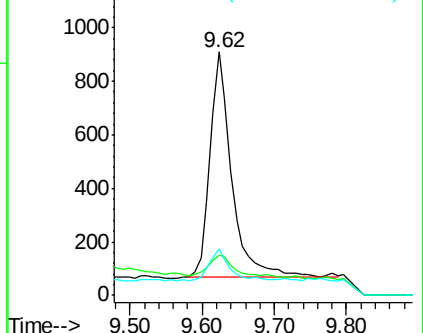
127 19.2 10.7 16.1#



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: 0.13 ng/ul

RT: 11.16 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BE091215.D

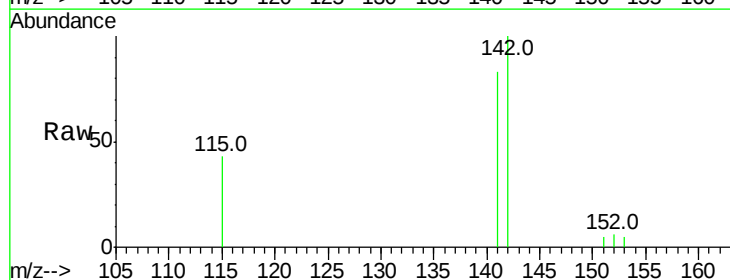
Acq: 17 Nov 2015 21:46

Tgt Ion:142 Resp: 3095

Ion Ratio Lower Upper

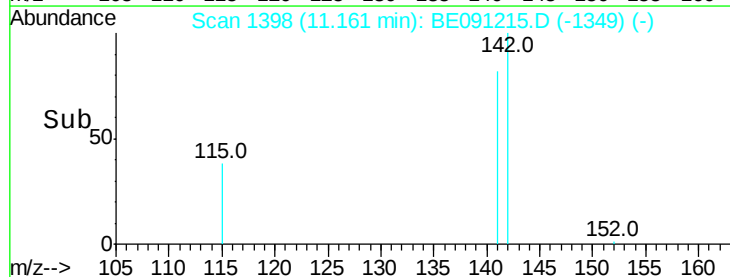
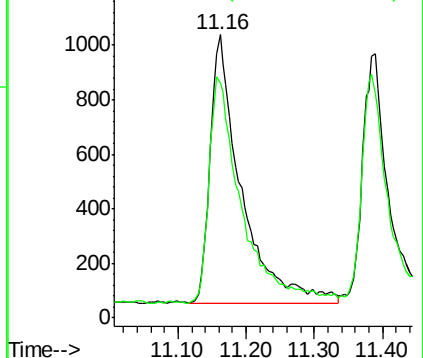
142 100

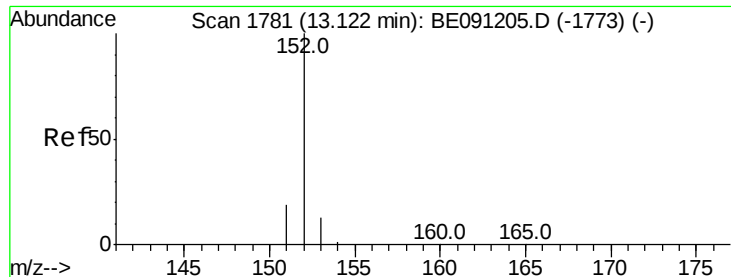
141 88.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 13.12 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

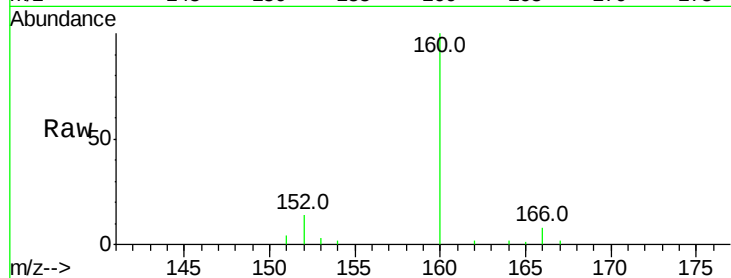
Tot Ion:152 Resp: 1355

Ion Ratio Lower Upper

152 100

151 28.1 16.8 25.2#

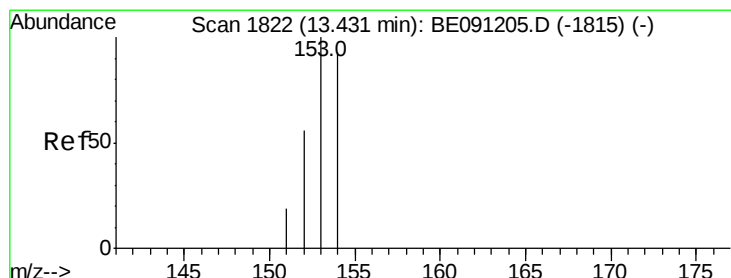
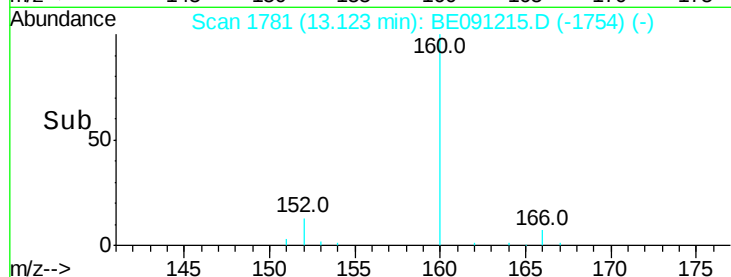
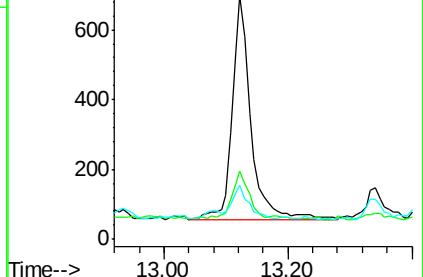
153 22.2 11.3 16.9#



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: 0.31 ng/ul

RT: 13.43 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

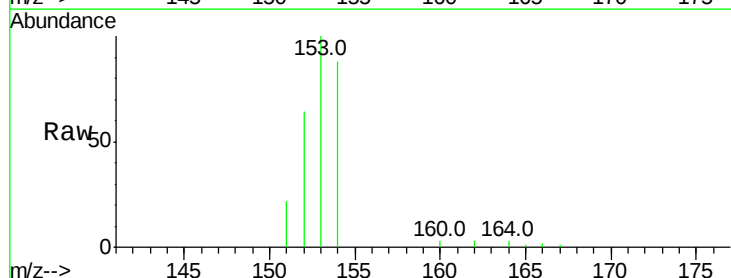
Tgt Ion:153 Resp: 9572

Ion Ratio Lower Upper

153 100

152 64.2 42.3 63.5#

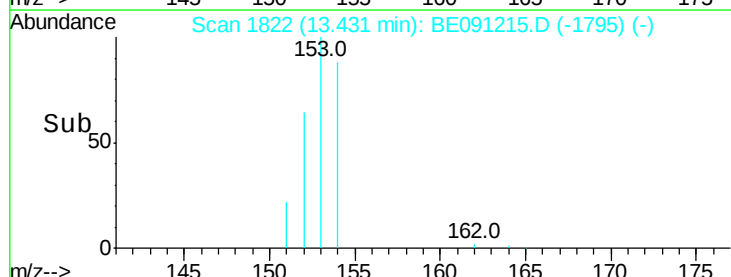
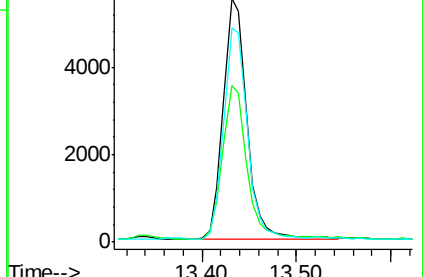
154 87.7 64.7 97.1

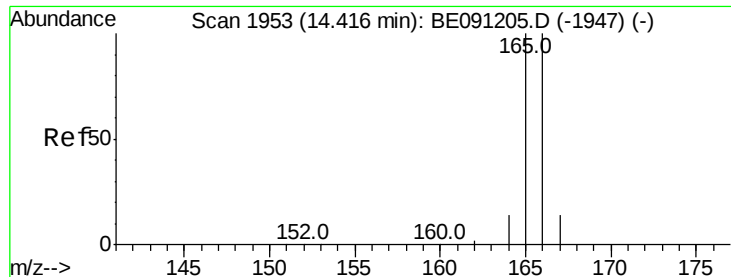


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.32 ng/ul

RT: 14.42 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

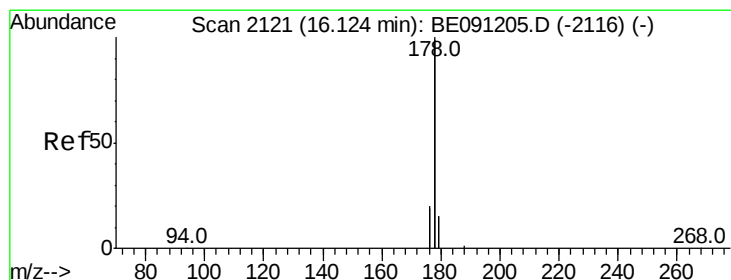
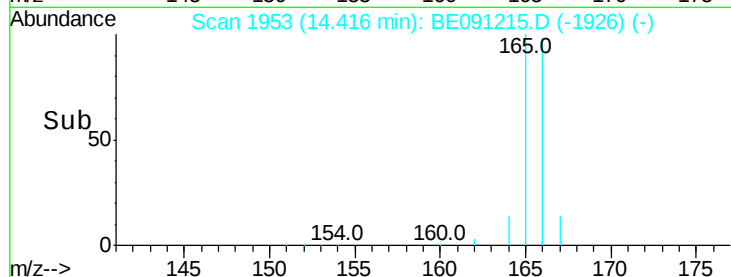
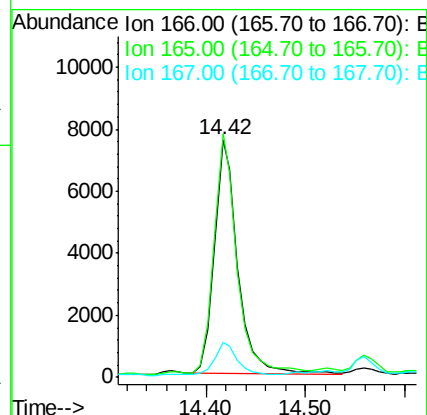
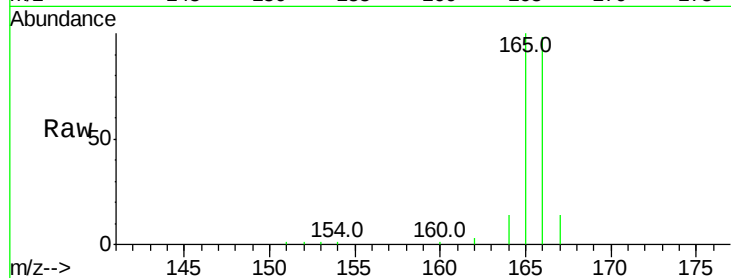
Tot Ion:166 Resp: 12402

Ion Ratio Lower Upper

166 100

165 102.4 87.6 131.4

167 14.5 11.1 16.7



#14

Phenanthrene

Concen: 0.80 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

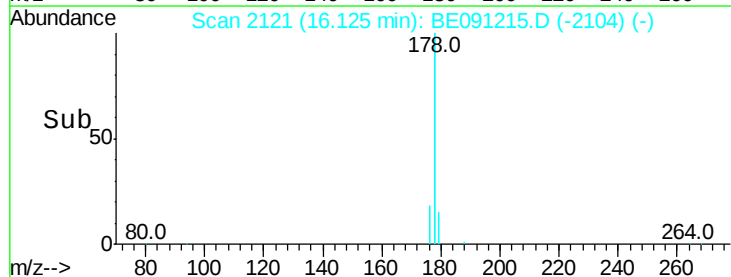
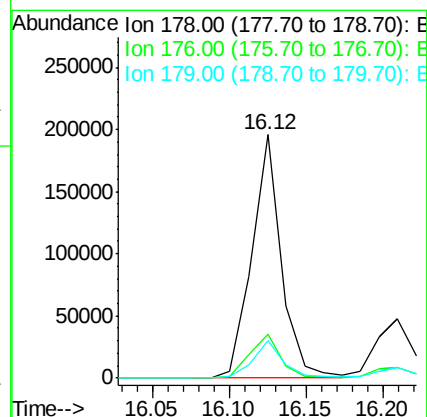
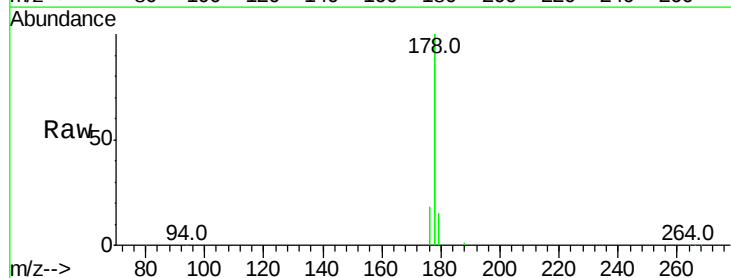
Tgt Ion:178 Resp: 258615

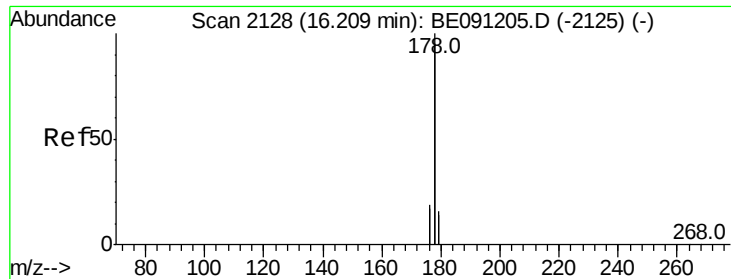
Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

179 15.4 12.8 19.2





#15

Anthracene

Concen: 0.28 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

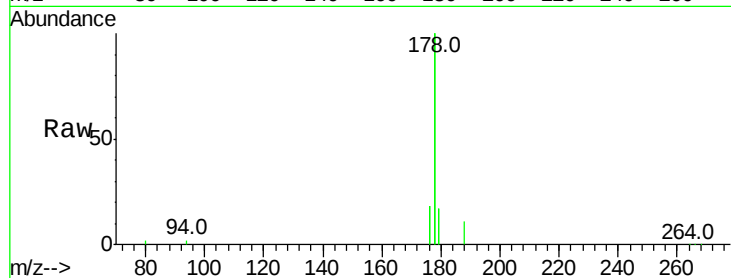
Tot Ion:178 Resp: 83598

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

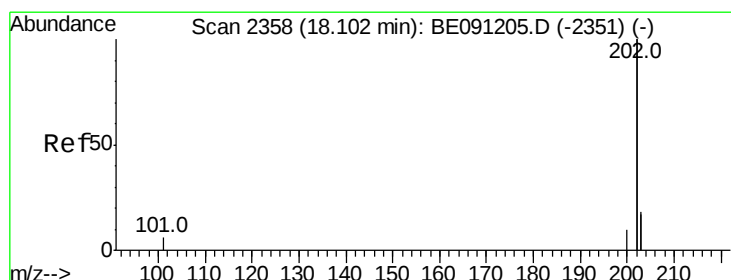
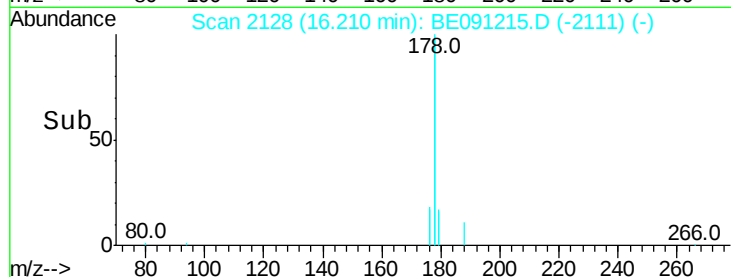
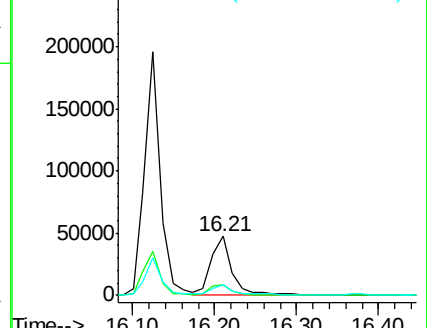
179 17.5 13.3 19.9



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: 0.53 ng/ul

RT: 18.10 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

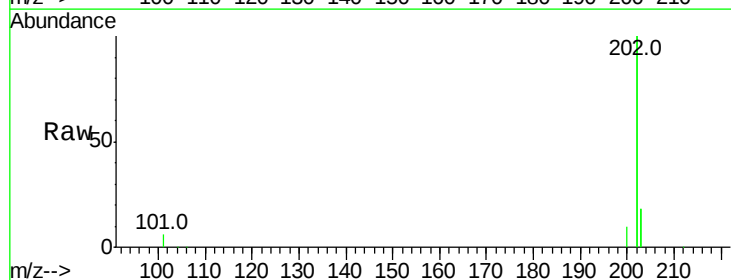
Tgt Ion:202 Resp: 200181

Ion Ratio Lower Upper

202 100

101 3.2 0.0 33.1

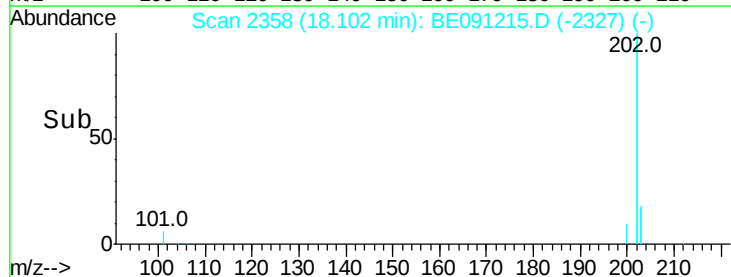
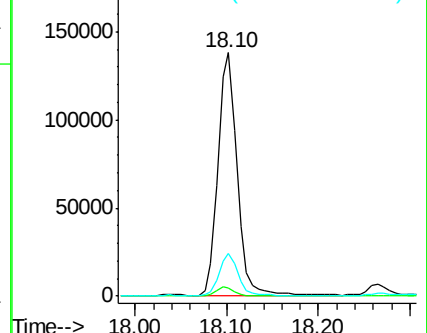
203 17.5 0.0 37.2

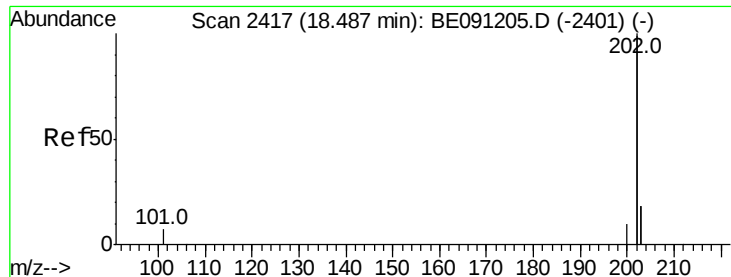


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.28 ng/ul

RT: 18.48 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

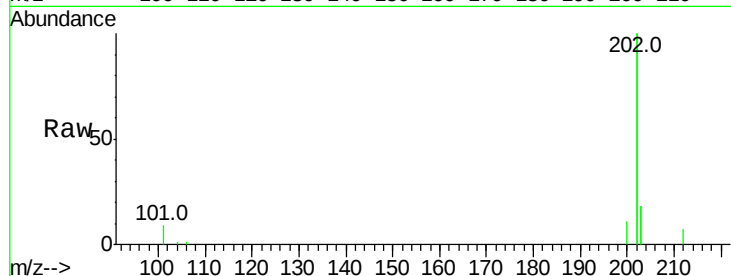
Tot Ion:202 Resp: 154665

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

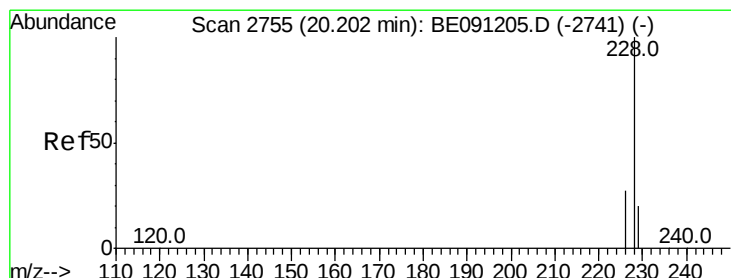
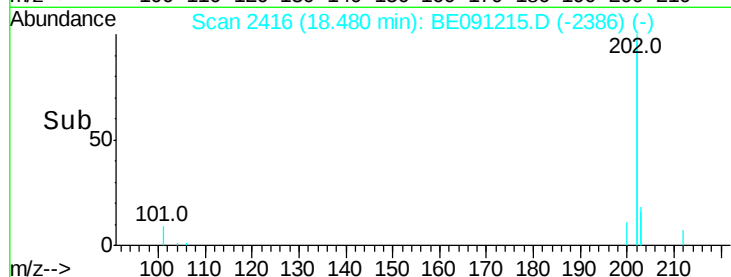
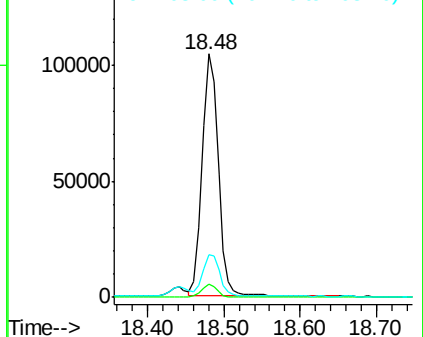
203 17.6 13.8 20.6



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: 0.10 ng/ul

RT: 20.20 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

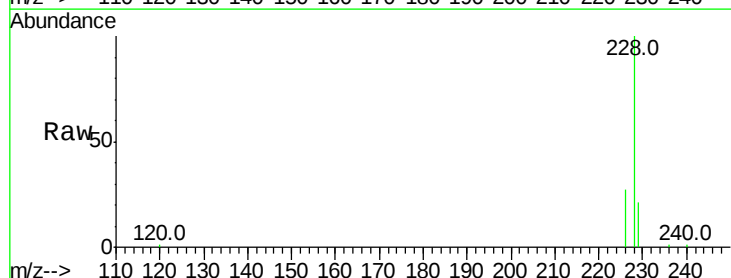
Tgt Ion:228 Resp: 12302

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

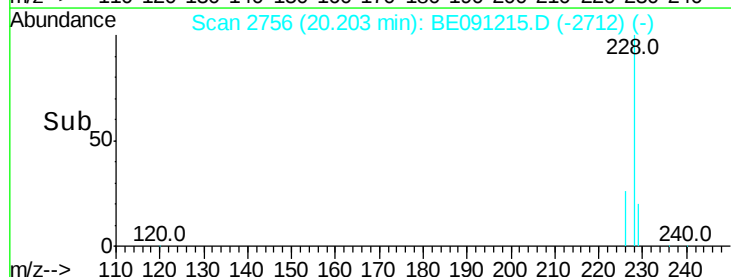
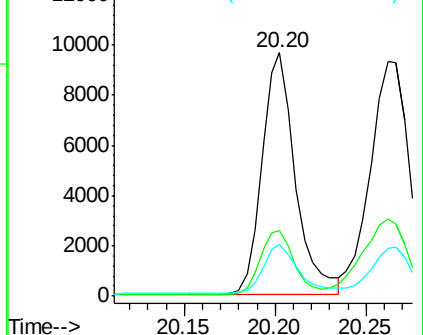
229 21.3 15.2 22.8

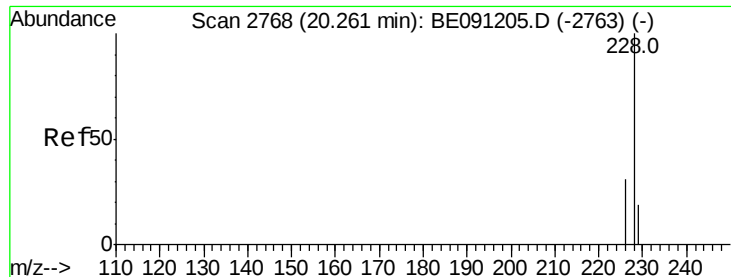


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.10 ng/ul

RT: 20.26 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

ClientSampleId :

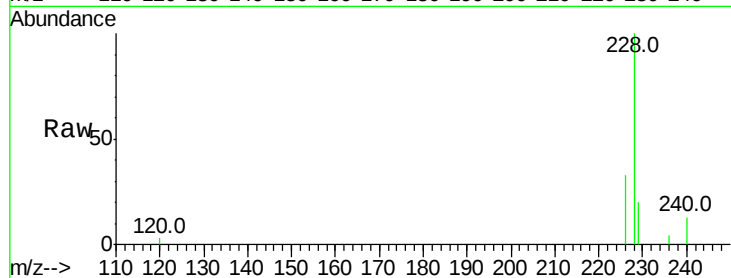
Tot Ion:228 Resp: 14575

Ion Ratio Lower Upper

228 100

226 33.0 25.7 38.5

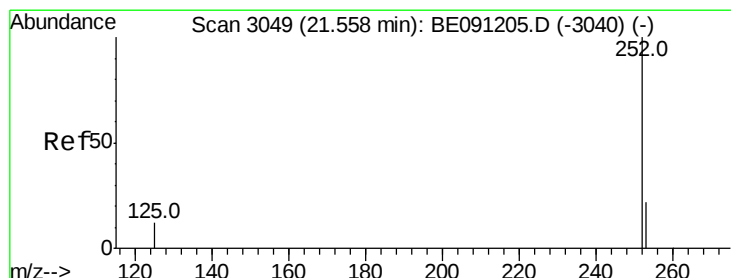
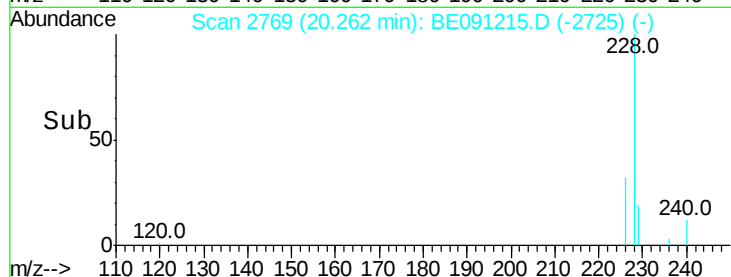
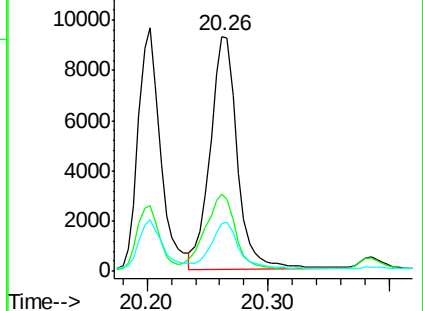
229 20.5 15.2 22.8



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



#23

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 21.56 min Scan# 3050

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

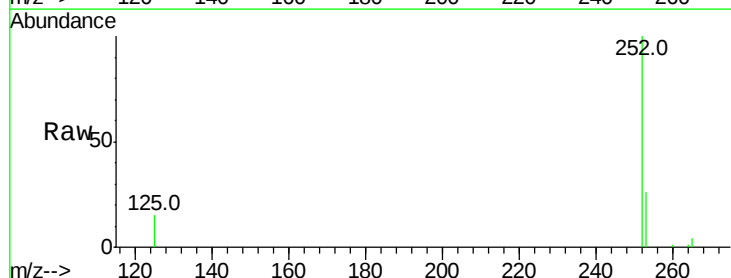
Tgt Ion:252 Resp: 8655

Ion Ratio Lower Upper

252 100

253 25.9 0.0 48.0

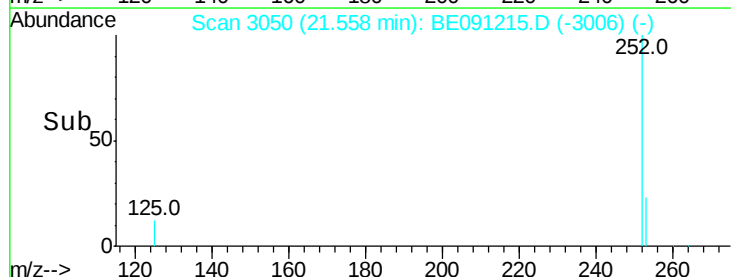
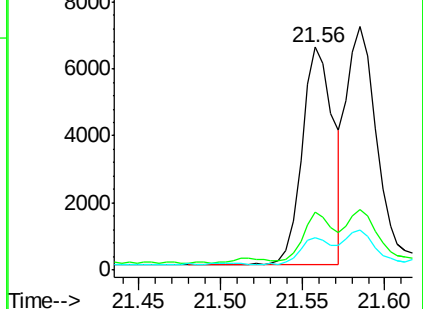
125 14.7 0.0 36.6

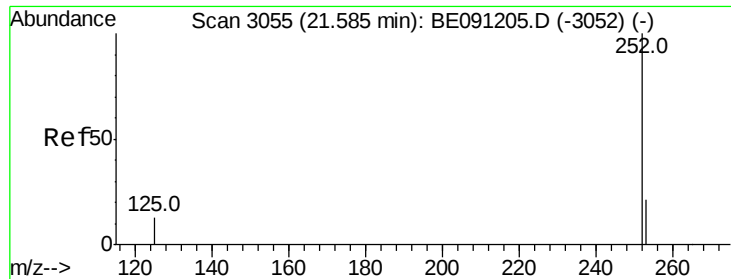


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

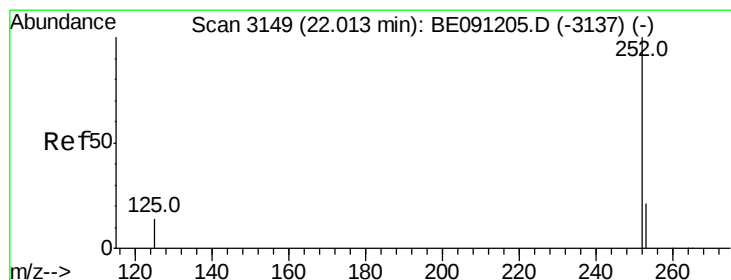
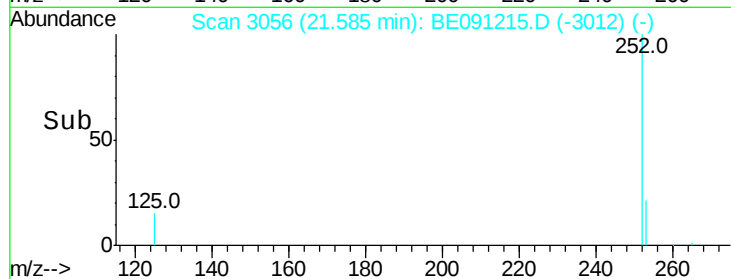
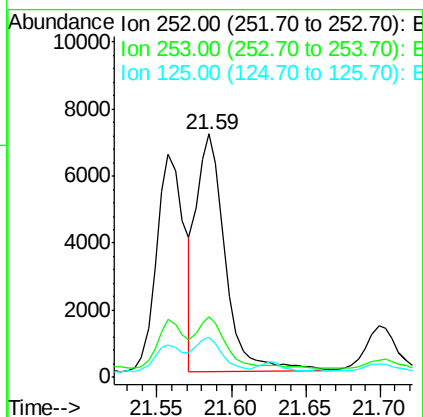
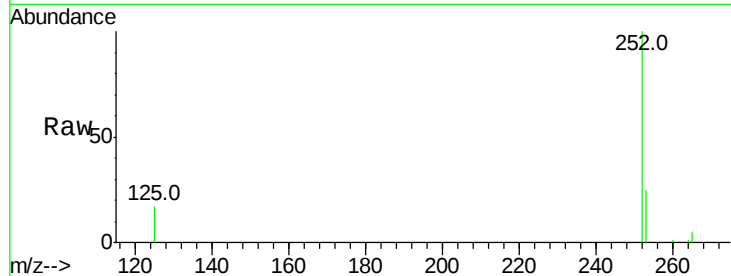




#24
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 21.59 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

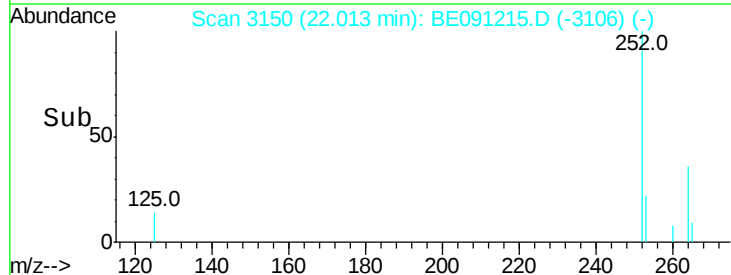
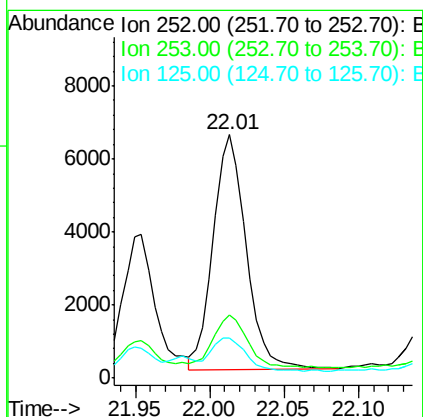
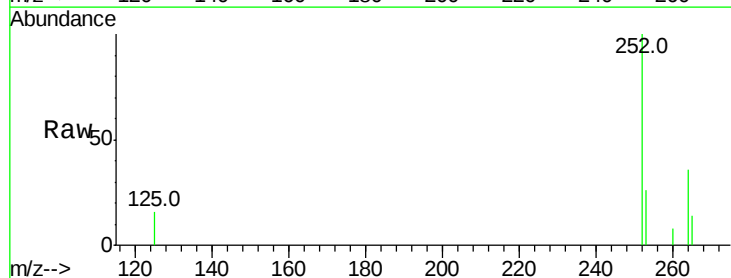
Instrument :
BNA_E
ClientSampleId :

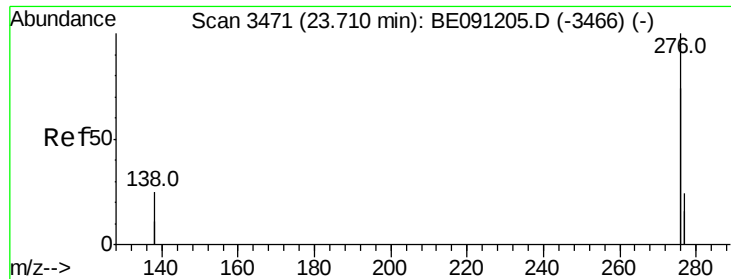
Tot Ion:252 Resp: 9478
Ion Ratio Lower Upper
252 100
253 24.8 20.8 31.2
125 16.7 12.2 18.4



#25
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 22.01 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

Tgt Ion:252 Resp: 9904
Ion Ratio Lower Upper
252 100
253 25.7 21.8 32.8
125 16.4 14.5 21.7

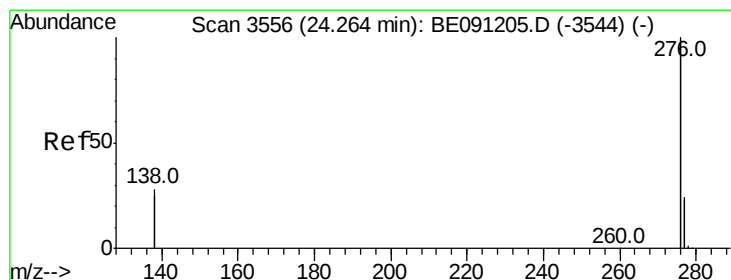
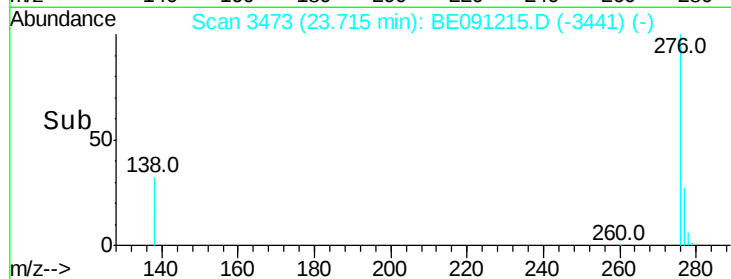
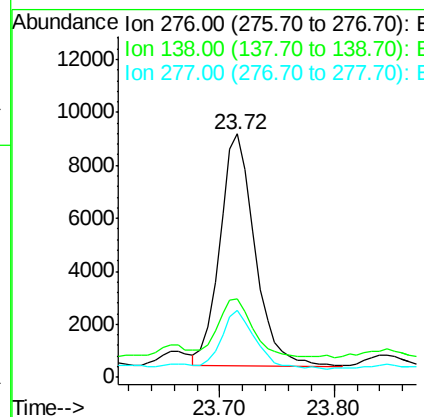
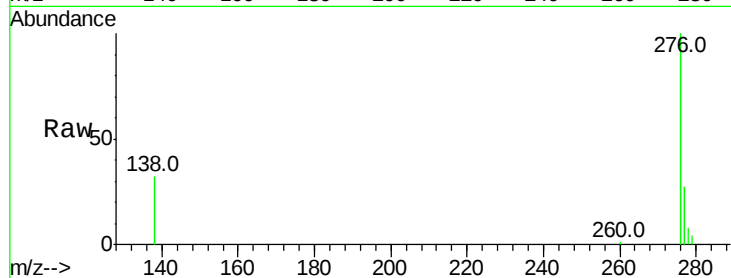




#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 23.72 min Scan# 3473
 Delta R.T. 0.01 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 18649
 Ion Ratio Lower Upper
 276 100
 138 25.4 27.5 41.3#
 277 24.3 19.3 28.9



#28
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 24.27 min Scan# 3558
 Delta R.T. 0.01 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46

Tgt Ion:276 Resp: 17169
 Ion Ratio Lower Upper
 276 100
 277 26.4 21.3 31.9
 138 35.4 25.5 38.3

