

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111715\
 Data File : BE091218.D
 Acq On : 18 Nov 2015 1:09
 Operator : UM/NP
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 18 04:27:32 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

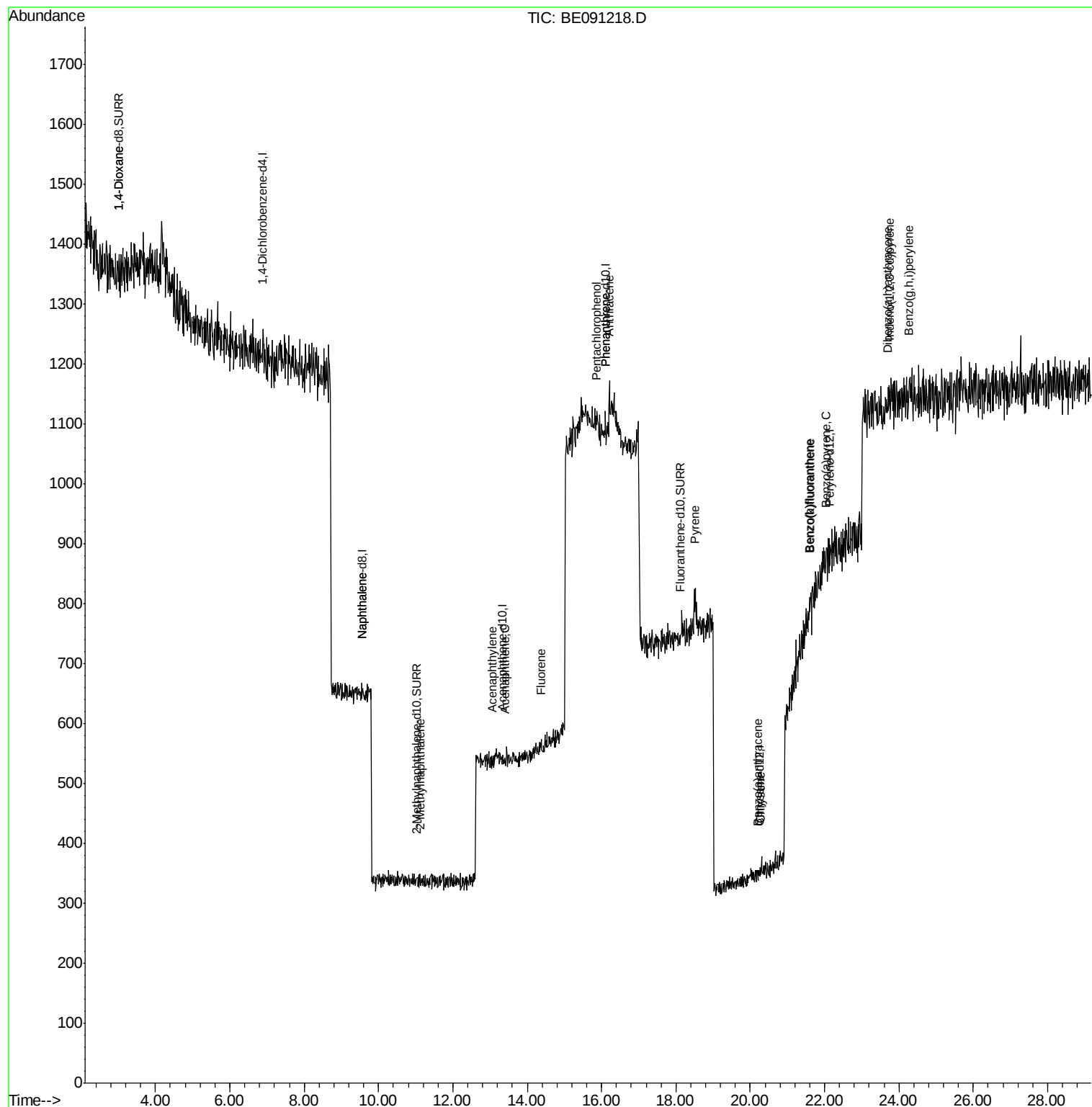
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	11	0.40	ng/ul	0.00
4) Naphthalene-d8	9.54	136	2	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.34	164	5	0.40	ng/ul	-0.03
12) Phenanthrene-d10	16.10	188	25	0.40	ng/ul	0.01
18) Chrysene-d12	20.25	240	9	0.40	ng/ul	0.02
22) Perylene-d12	22.14	264	5	0.40	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.01	96	12	1.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.04	152	7	2.57	ng/ul	-0.03
16) Fluoranthene-d10	18.11	212	3	0.04	ng/ul	0.03
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.02	88	8	0.89	ng/ul#	1
5) Naphthalene	9.54	128	29	5.88	ng/ul#	1
7) 2-Methylnaphthalene	11.12	142	7	2.18	ng/ul	87
9) Acenaphthylene	13.06	152	14	0.56	ng/ul#	1
10) Acenaphthene	13.40	153	9	0.53	ng/ul#	65
11) Fluorene	14.37	166	10	0.46	ng/ul#	69
13) Pentachlorophenol	15.87	266	3	1.26	ng/ul#	16
14) Phenanthrene	16.10	178	38	0.13	ng/ul#	1
15) Anthracene	16.21	178	367	1.40	ng/ul#	1
19) Pyrene	18.53	202	104	1.02	ng/ul#	18
20) Benzo(a)anthracene	20.19	228	5	0.22	ng/ul#	1
21) Chrysene	20.28	228	7	0.26	ng/ul#	1
23) Benzo(b)fluoranthene	21.58	252	12	0.77	ng/ul#	1
24) Benzo(k)fluoranthene	21.61	252	11	0.69	ng/ul#	1
25) Benzo(a)pyrene	22.03	252	17	1.18	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	23.74	276	26	0.43	ng/ul#	1
27) Dibenzo(a,h)anthracene	23.69	278	7	0.48	ng/ul#	1
28) Benzo(a,h,i)perylene	24.28	276	46	0.72	ng/ul#	1

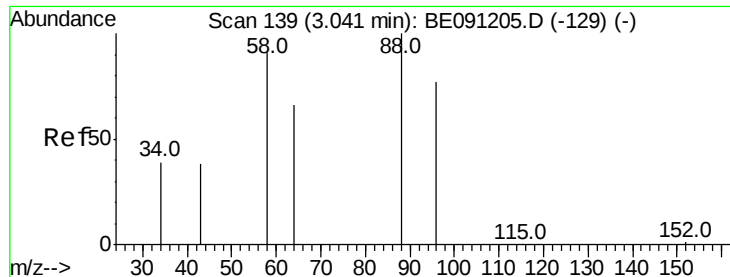
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampleId :

Quant Time: Nov 18 04:27:32 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
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#3

1,4-Dioxane

Concen: 0.89 ng/ul

RT: 3.02 min Scan# 136

Delta R.T. -0.02 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Instrument :
BNA_E
ClientSampled :

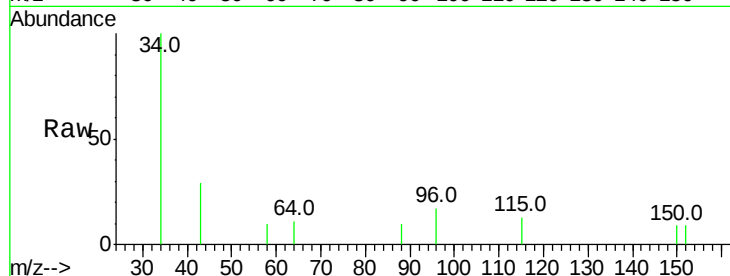
Tot Ion: 88 Resp: 8

Ion Ratio Lower Upper

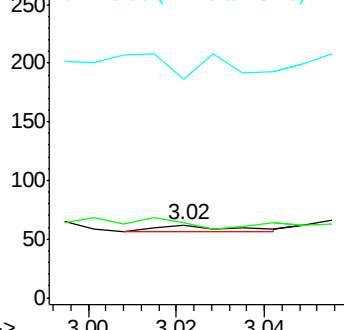
88 100

58 0.0 55.4 83.2#

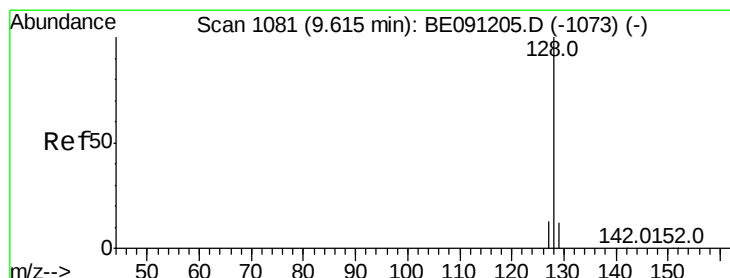
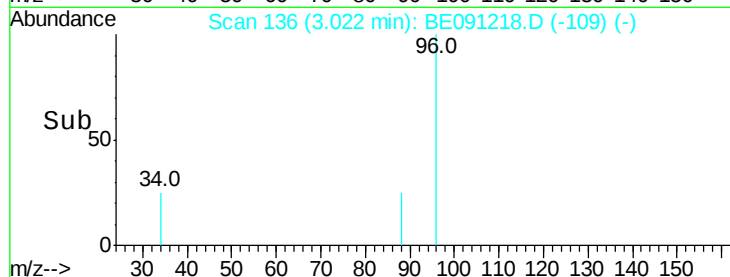
43 662.5 24.2 36.2#



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



Time-->



#5

Naphthalene

Concen: 5.88 ng/ul

RT: 9.54 min Scan# 1072

Delta R.T. -0.07 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

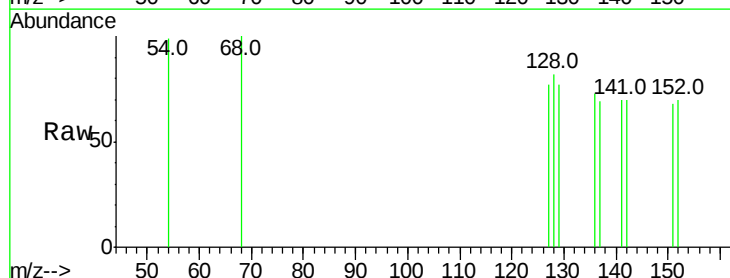
Tgt Ion: 128 Resp: 29

Ion Ratio Lower Upper

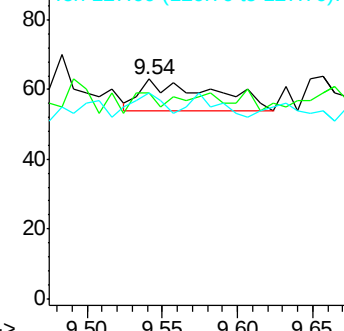
128 100

129 93.7 9.8 14.8#

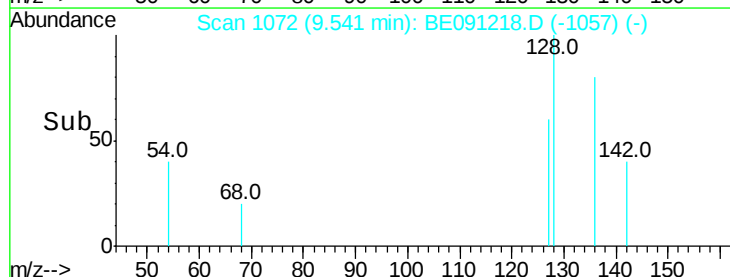
127 93.7 10.7 16.1#

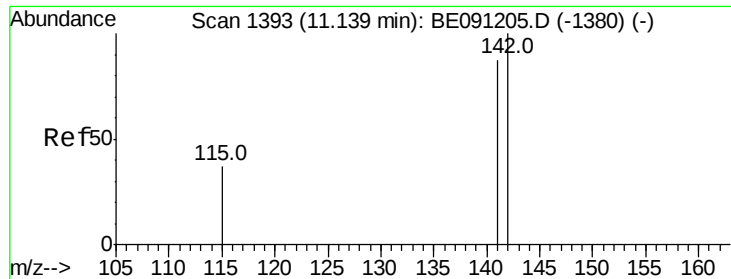


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





#7

2-Methylnaphthalene

Concen: 2.18 ng/ul

RT: 11.12 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

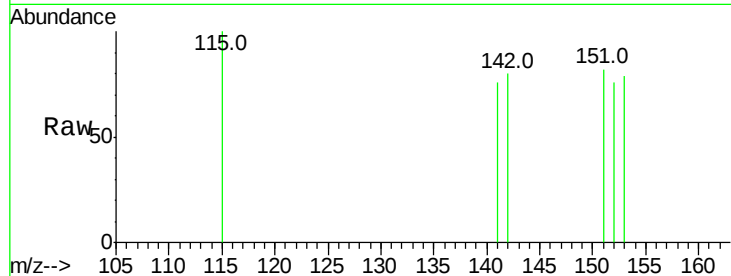
ClientSampleId :

Tot Ion:142 Resp: 7

Ion Ratio Lower Upper

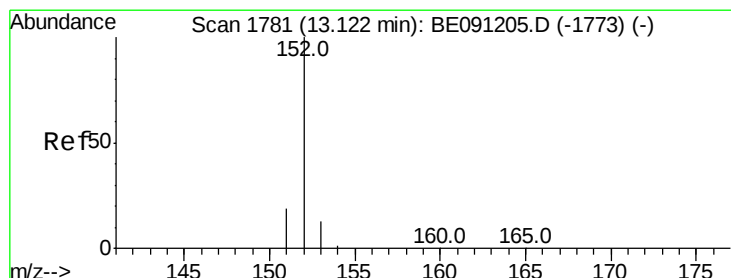
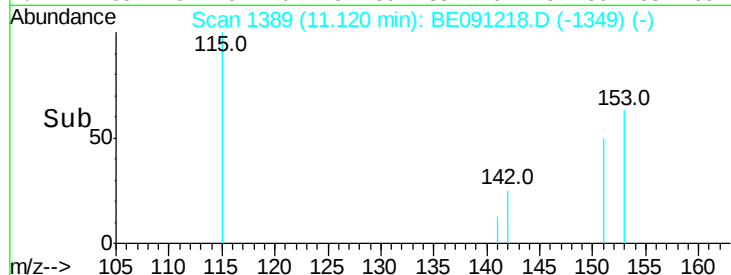
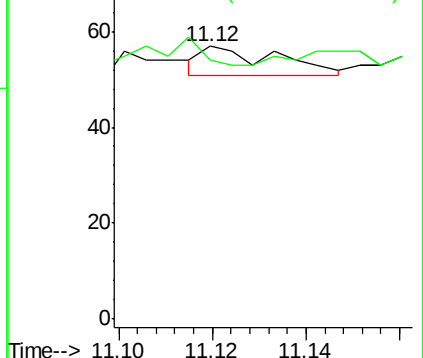
142 100

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: 0.56 ng/ul

RT: 13.06 min Scan# 1773

Delta R.T. -0.06 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

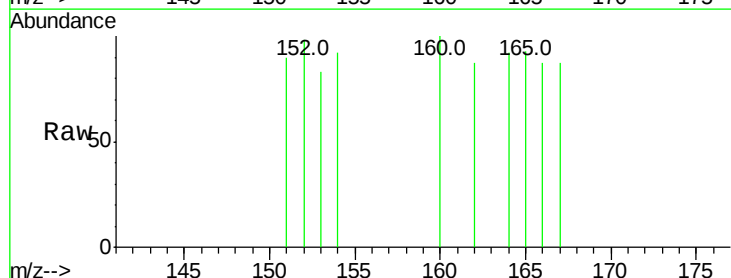
Tgt Ion:152 Resp: 14

Ion Ratio Lower Upper

152 100

151 91.5 16.8 25.2#

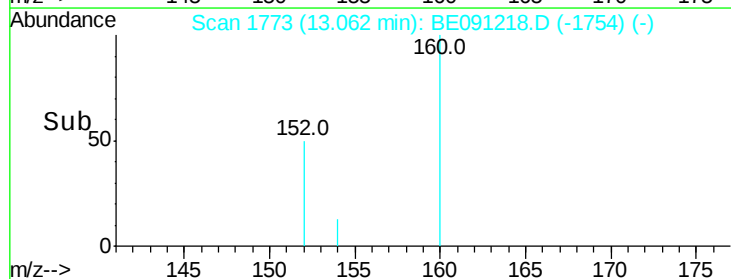
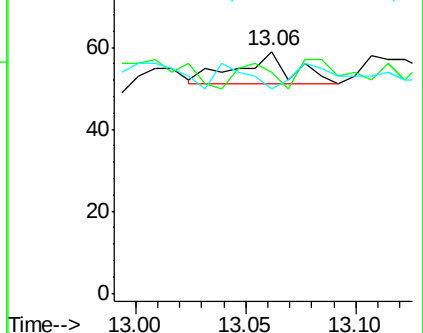
153 84.7 11.3 16.9#

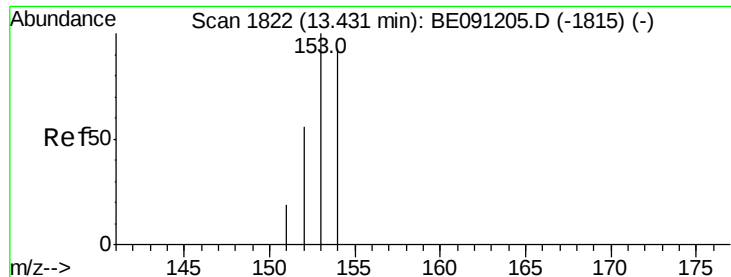


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#10

Acenaphthene

Concen: 0.53 ng/ul

RT: 13.40 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BE091218.D

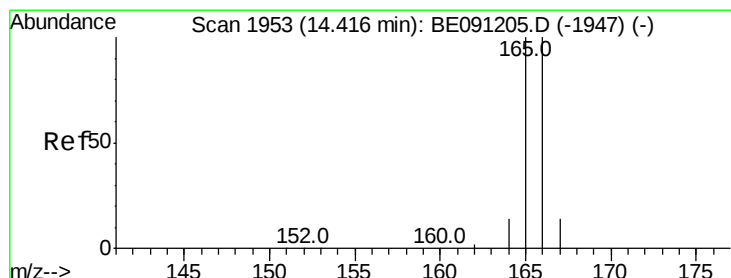
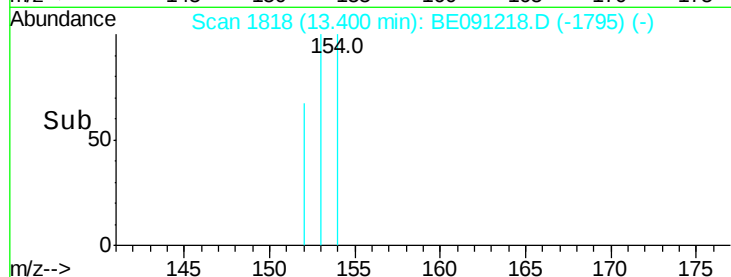
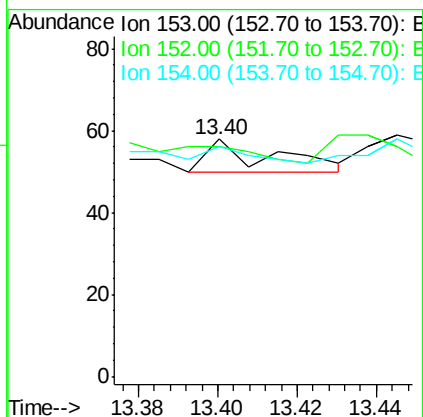
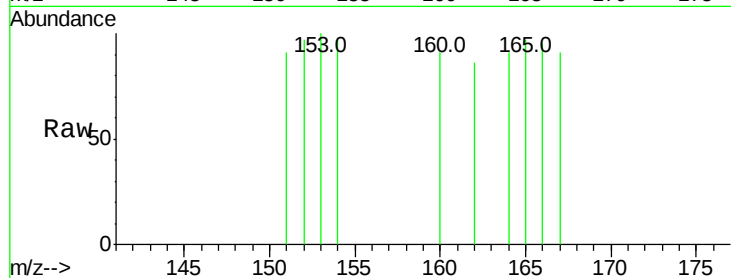
Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	153	Resp:	9
Ion	Ratio	Lower	Upper
153	100		
152	96.6	42.3	63.5#
154	96.6	64.7	97.1



#11

Fluorene

Concen: 0.46 ng/ul

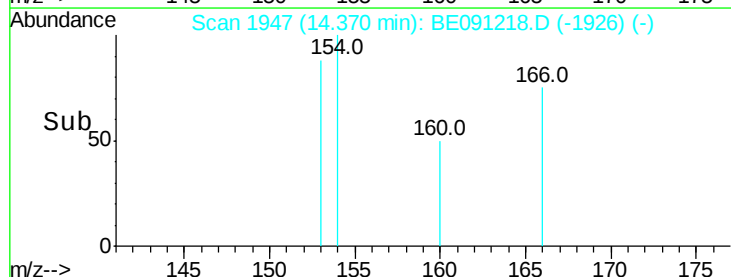
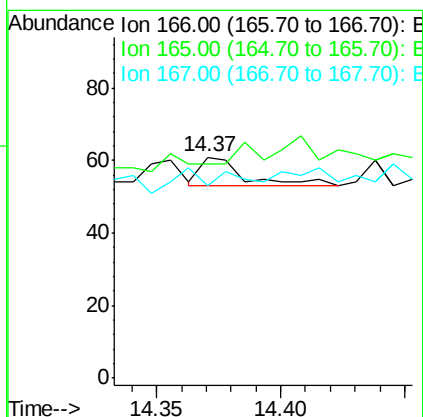
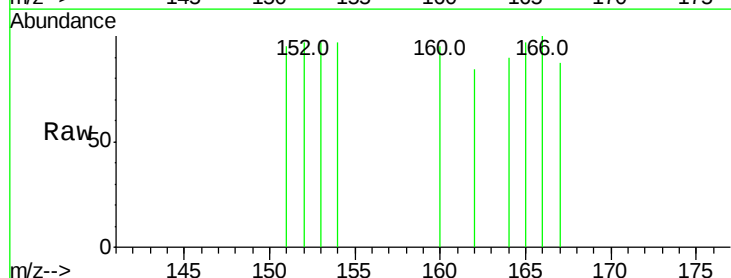
RT: 14.37 min Scan# 1947

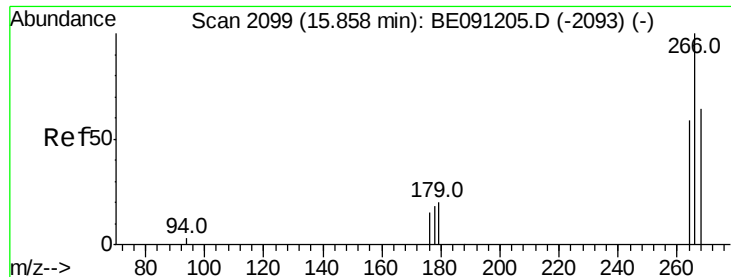
Delta R.T. -0.05 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Tgt Ion:	166	Resp:	10
Ion	Ratio	Lower	Upper
166	100		
165	96.7	87.6	131.4
167	86.9	11.1	16.7#

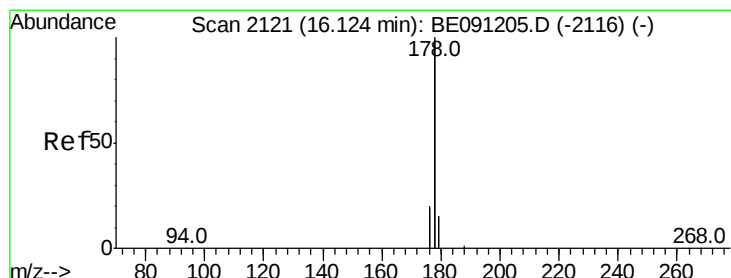
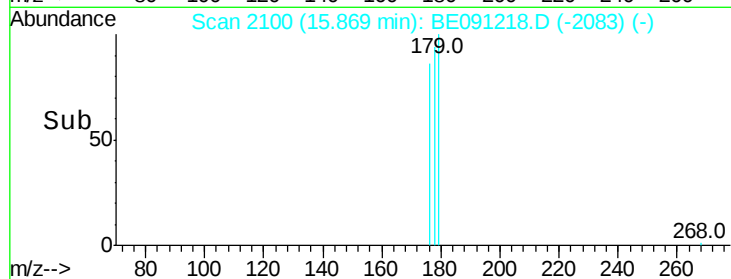
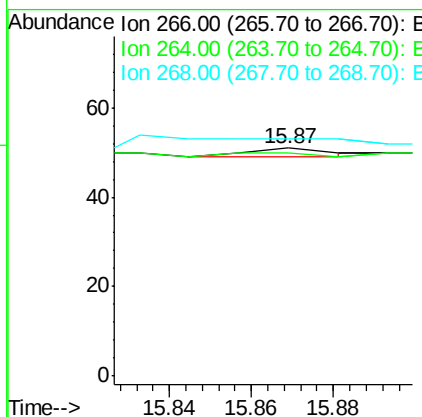
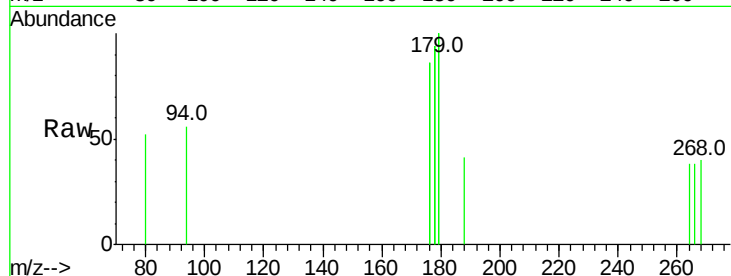




#13
 Pentachlorophenol
 Concen: 1.26 ng/ul
 RT: 15.87 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BE091218.D
 Acq: 18 Nov 2015 1:09

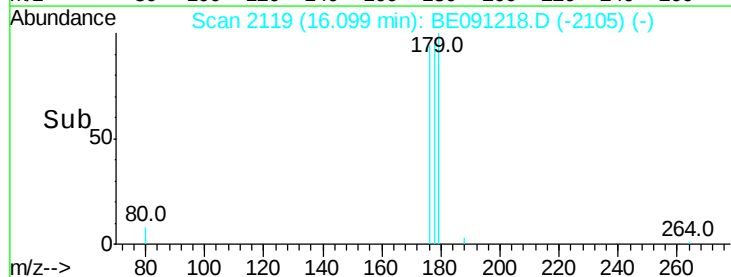
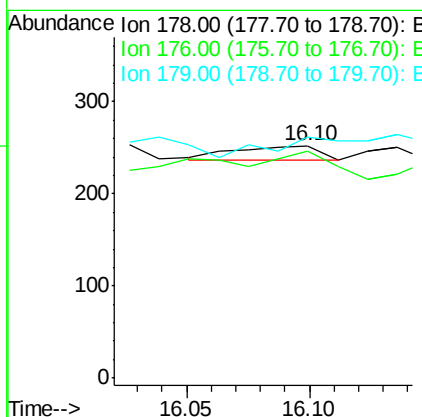
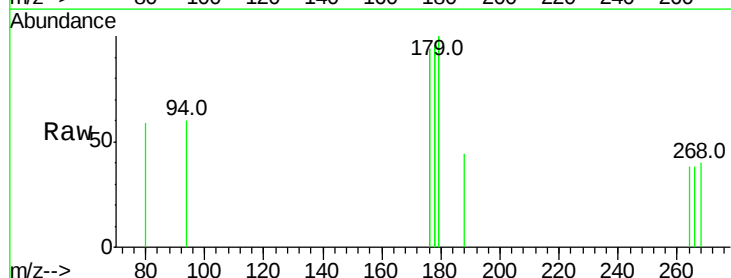
Instrument :
 BNA_E
 ClientSampleId :

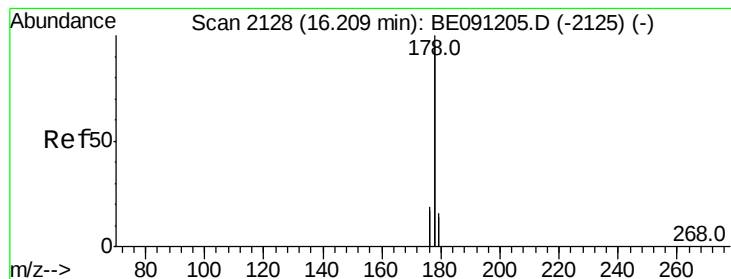
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 0.0 53.5 80.3#
 268 0.0 54.2 81.2#



#14
 Phenanthrene
 Concen: 0.13 ng/ul
 RT: 16.10 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BE091218.D
 Acq: 18 Nov 2015 1:09

Tgt Ion:178 Resp: 38
 Ion Ratio Lower Upper
 178 100
 176 97.6 16.2 24.4#
 179 104.0 12.8 19.2#





#15

Anthracene

Concen: 1.40 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

ClientSampleId :

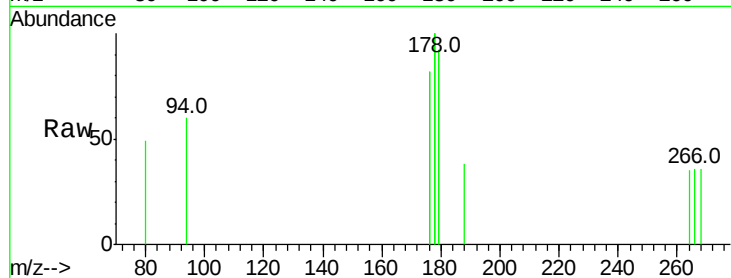
Tot Ion:178 Resp: 367

Ion Ratio Lower Upper

178 100

176 81.5 15.8 23.8#

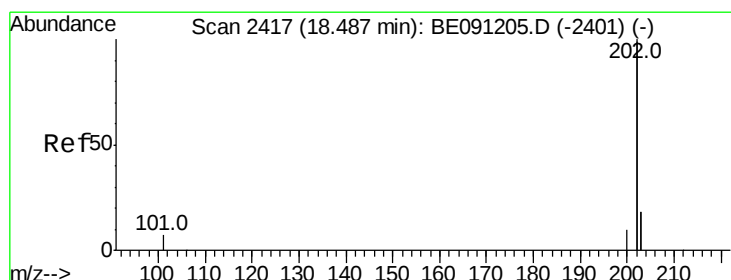
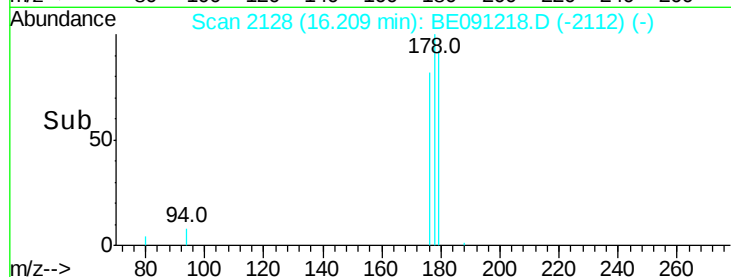
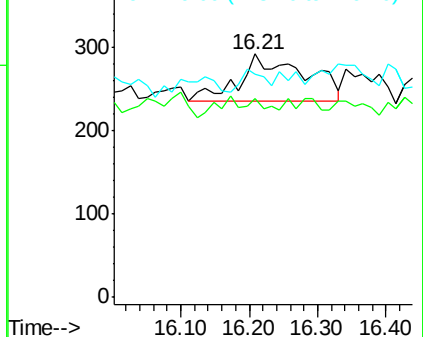
179 91.8 13.3 19.9#



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



#19

Pyrene

Concen: 1.02 ng/ul

RT: 18.53 min Scan# 2423

Delta R.T. 0.04 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

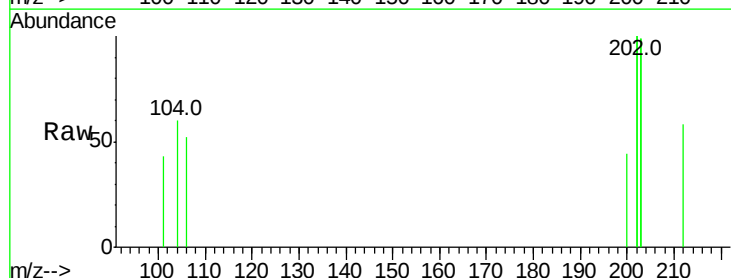
Tgt Ion:202 Resp: 104

Ion Ratio Lower Upper

202 100

200 22.2 18.0 27.0

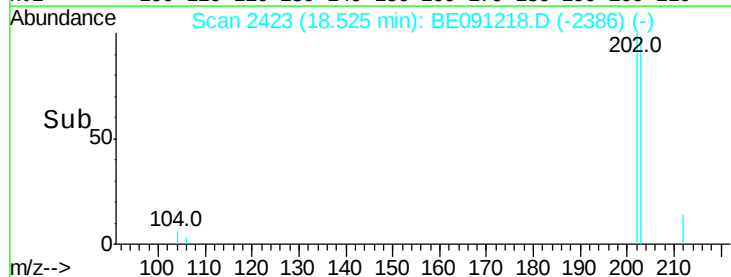
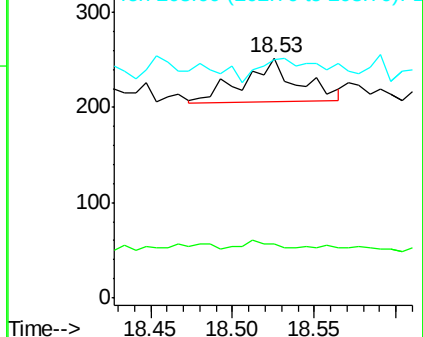
203 99.2 13.8 20.6#

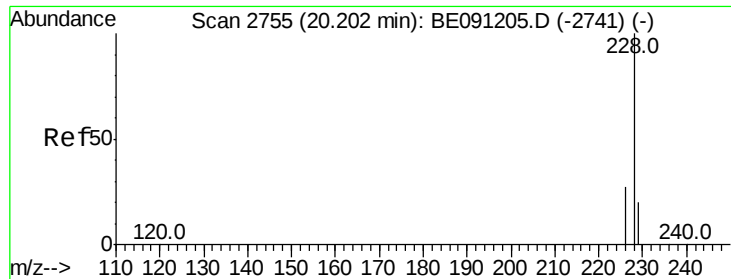


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.22 ng/ul

RT: 20.19 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE091218.D

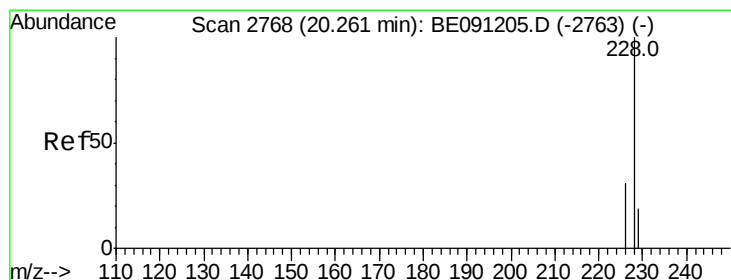
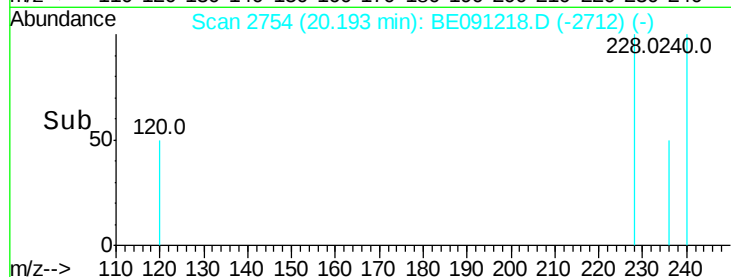
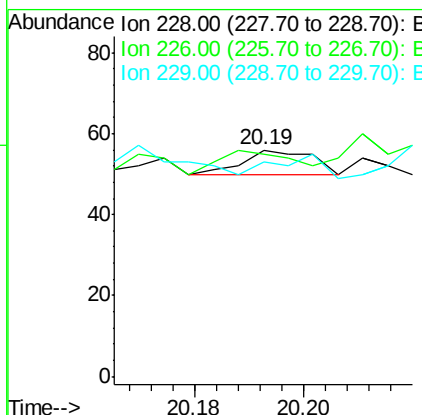
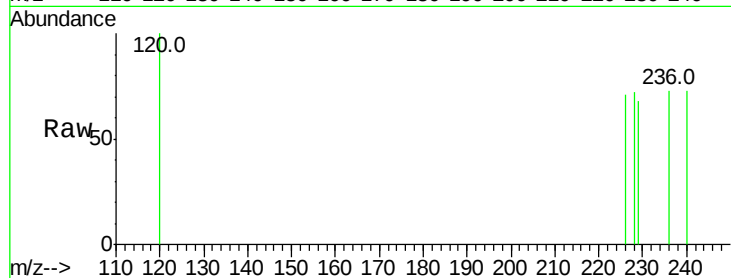
Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228	Resp:	5	
Ion Ratio	Lower	Upper	
228	100		
226	98.2	23.0	34.4#
229	94.6	15.2	22.8#



#21

Chrysene

Concen: 0.26 ng/ul

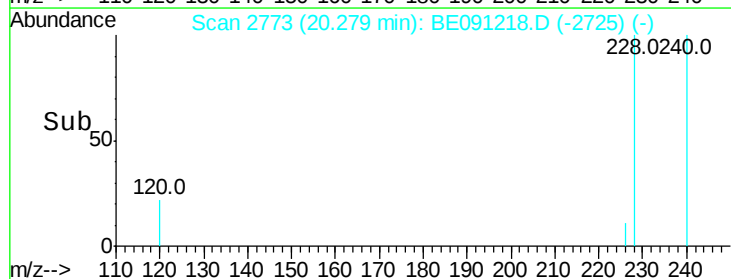
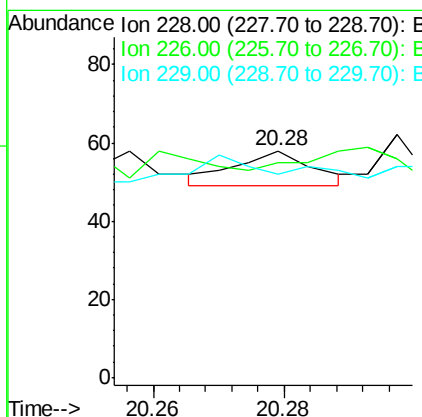
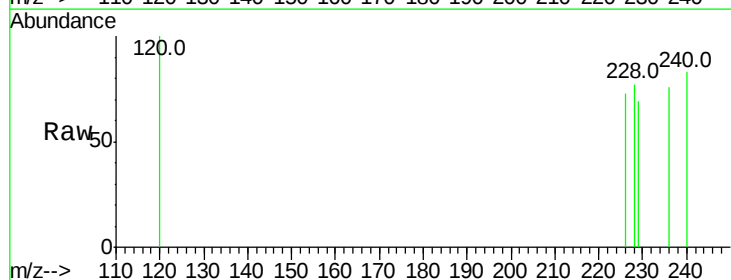
RT: 20.28 min Scan# 2773

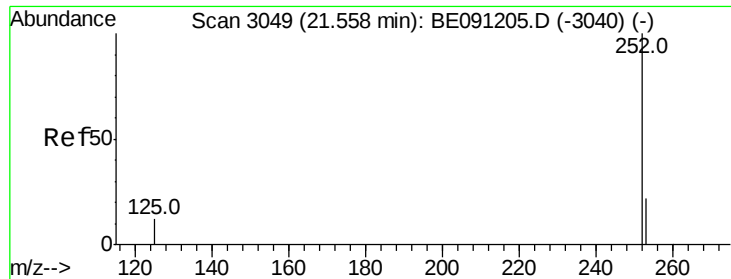
Delta R.T. 0.02 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Tgt Ion	228	Resp:	7
Ion	Ratio	Lower	Upper
228	100		
226	94.8	25.7	38.5#
229	89.7	15.2	22.8#





#23

Benzo(b)fluoranthene

Concen: 0.77 ng/ul

RT: 21.58 min Scan# 3056

Delta R.T. 0.03 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

ClientSampleId :

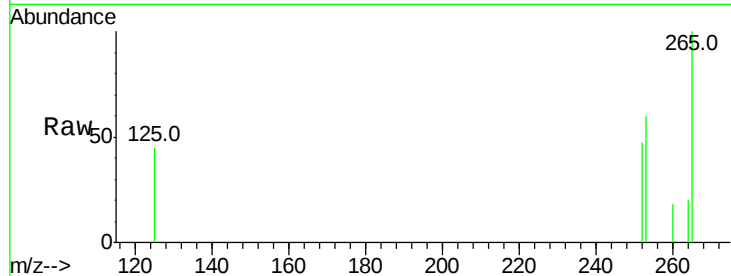
Tot Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 127.6 0.0 48.0#

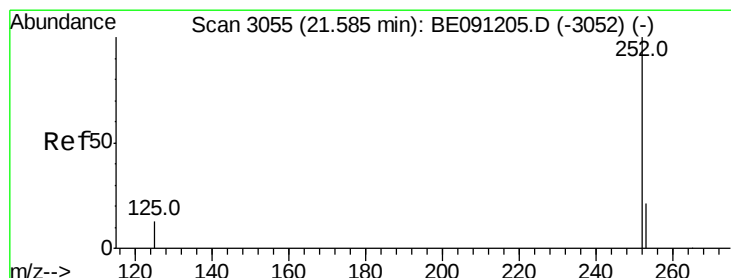
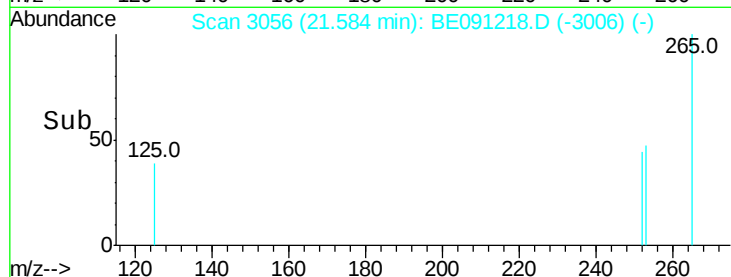
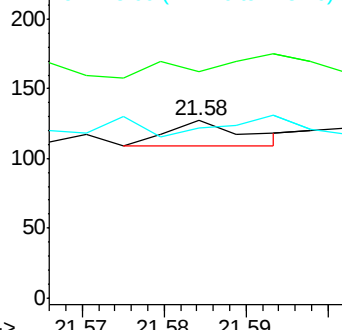
125 96.1 0.0 36.6#



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: 0.69 ng/ul

RT: 21.61 min Scan# 3062

Delta R.T. 0.03 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

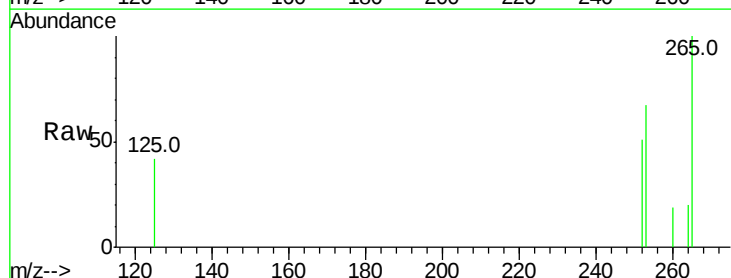
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 132.3 20.8 31.2#

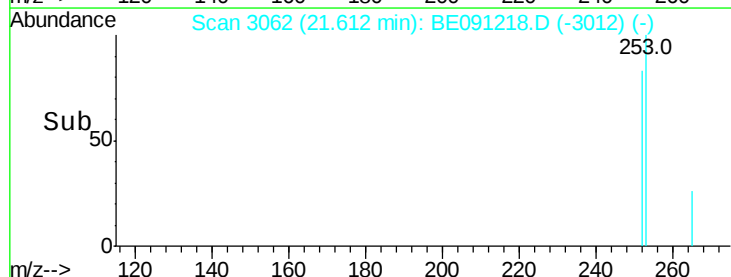
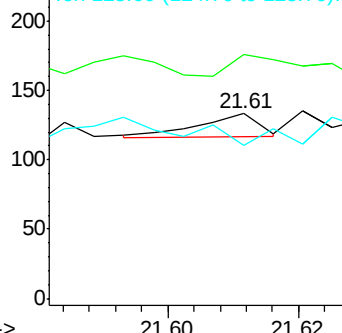
125 82.7 12.2 18.4#

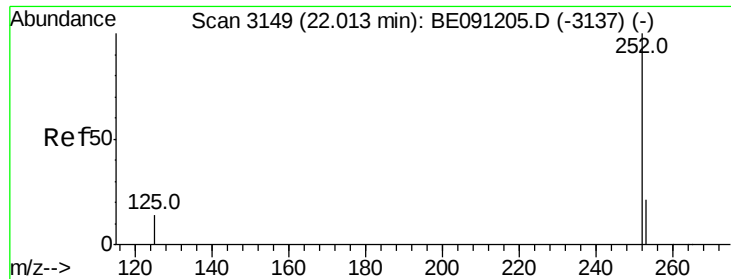


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 1.18 ng/ul

RT: 22.03 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

Instrument :

BNA_E

ClientSampleId :

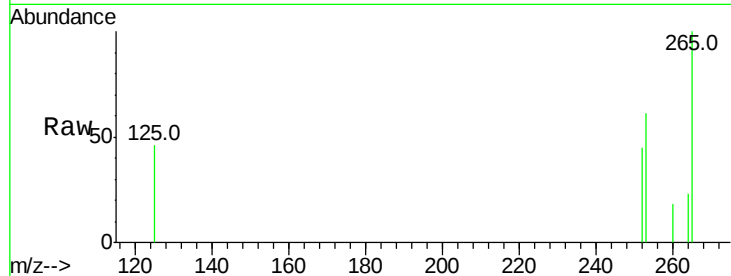
Tot Ion:252 Resp: 17

Ion Ratio Lower Upper

252 100

253 135.0 21.8 32.8#

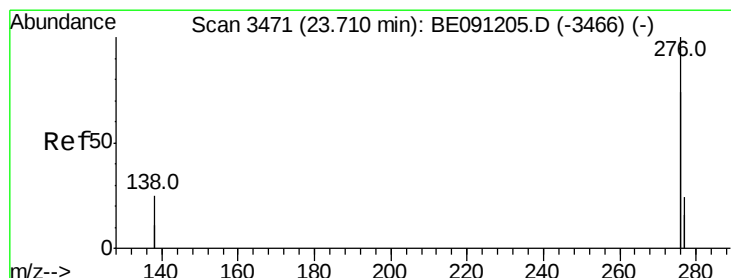
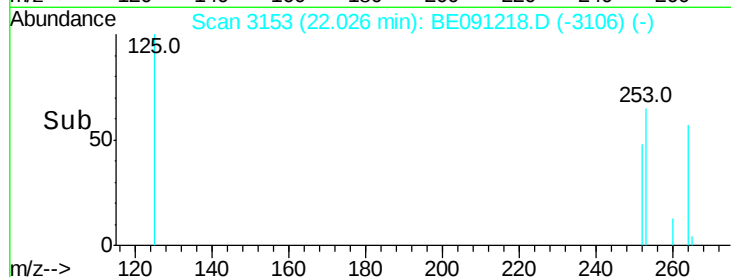
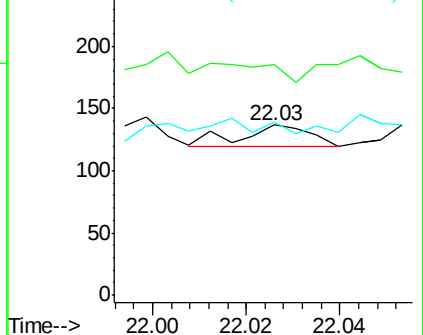
125 101.5 14.5 21.7#



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: 0.43 ng/ul

RT: 23.74 min Scan# 3478

Delta R.T. 0.03 min

Lab File: BE091218.D

Acq: 18 Nov 2015 1:09

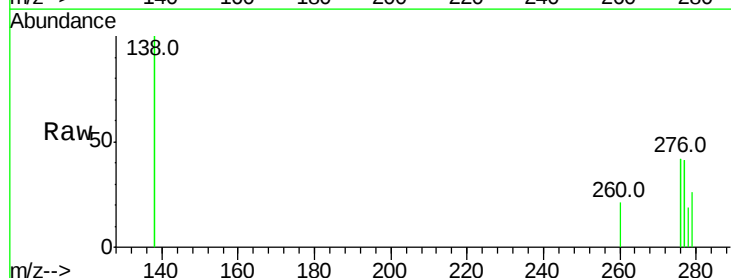
Tgt Ion:276 Resp: 26

Ion Ratio Lower Upper

276 100

138 315.4 27.5 41.3#

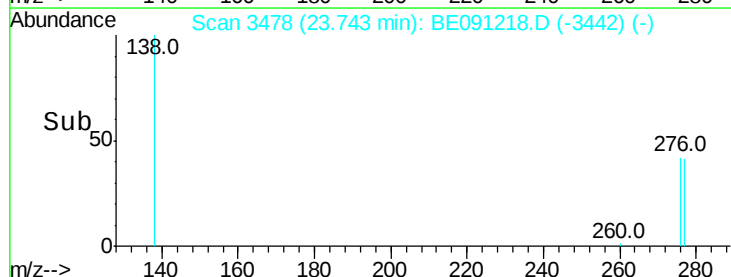
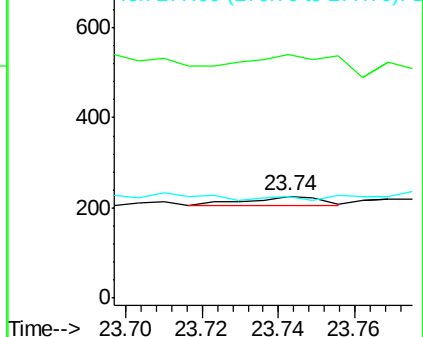
277 0.0 19.3 28.9#

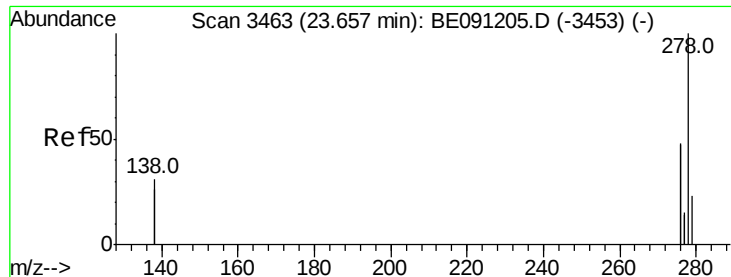


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

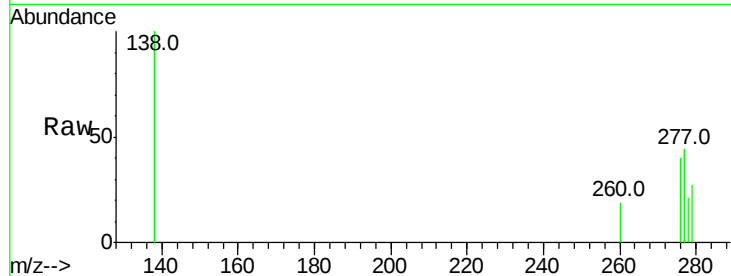




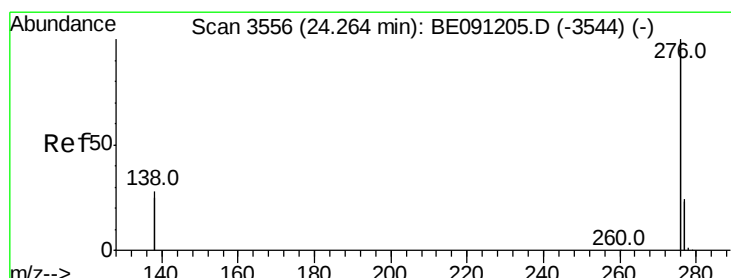
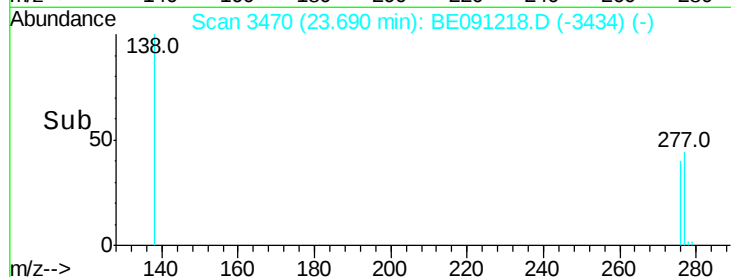
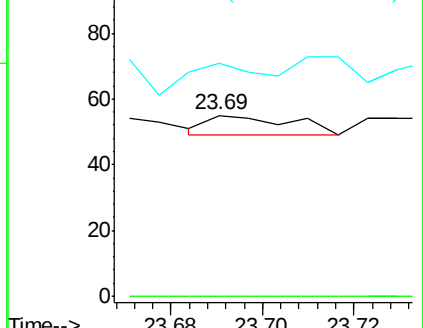
#27
Dibenzo(a,h)anthracene
Concen: 0.48 ng/ul
RT: 23.69 min Scan# 3470
Delta R.T. 0.03 min
Lab File: BE091218.D
Acq: 18 Nov 2015 1:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7
Ion Ratio Lower Upper
278 100
139 0.0 21.7 32.5#
279 129.1 21.9 32.9#

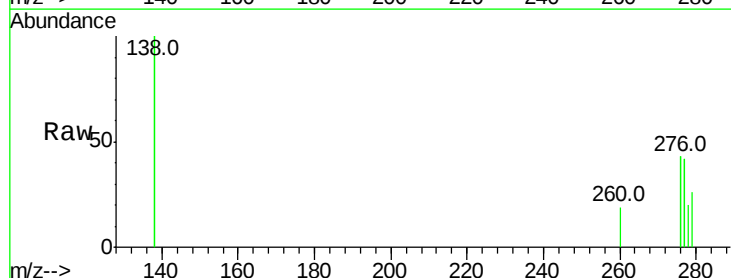


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#28
Benzo(g,h,i)perylene
Concen: 0.72 ng/ul
RT: 24.28 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BE091218.D
Acq: 18 Nov 2015 1:09

Tgt Ion:276 Resp: 46
Ion Ratio Lower Upper
276 100
277 99.1 21.3 31.9#
138 234.8 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

