

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
 Data File : BE091022.D
 Acq On : 19 Oct 2015 14:17
 Operator : UM/NP
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 20 00:55:36 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 05:50:36 2015
 Response via : Initial Calibration

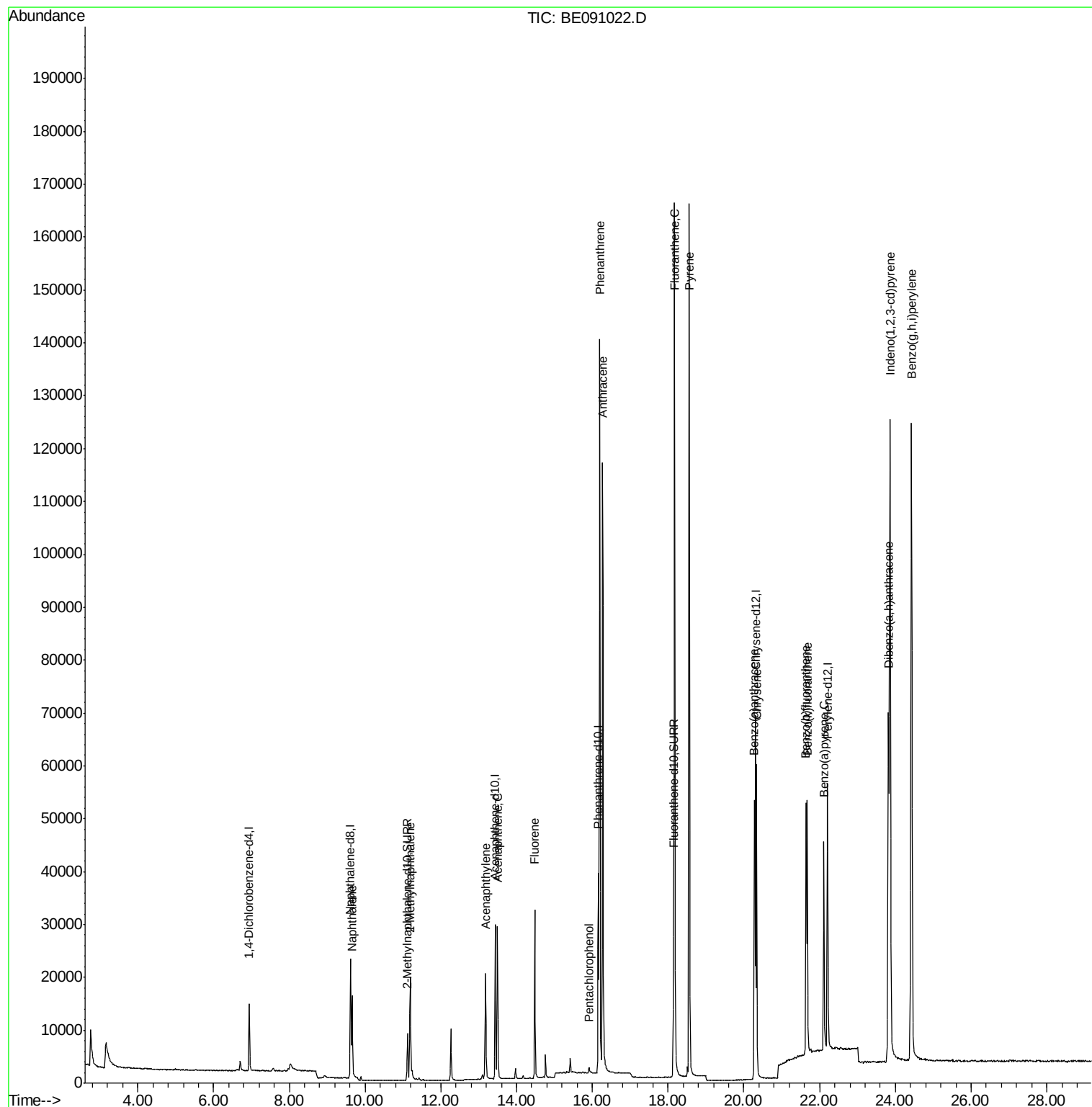
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	6241	0.40	ng/ul	-0.01
2) Naphthalene-d8	9.62	136	29499	0.40	ng/ul	-0.02
6) Acenaphthene-d10	13.44	164	17009	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	44206	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	55460	0.40	ng/ul	-0.01
20) Perylene-d12	22.21	264	53186	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.12	152	12187	0.37	ng/ul	-0.01
14) Fluoranthene-d10	18.15	212	37233	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	9.66	128	24458	0.36	ng/ul	99
5) 2-Methylnaphthalene	11.19	142	14405	0.38	ng/ul	95
7) Acenaphthylene	13.18	152	23511	0.37	ng/ul	99
8) Acenaphthene	13.49	153	16505	0.36	ng/ul	97
9) Fluorene	14.48	166	20846	0.37	ng/ul	100
11) Pentachlorophenol	15.92	266	1121	0.22	ng/ul	98
12) Phenanthrene	16.20	178	149510	0.38	ng/ul	95
13) Anthracene	16.27	178	140964	0.37	ng/ul	98
15) Fluoranthene	18.17	202	178952	0.36	ng/ul	100
17) Pyrene	18.56	202	179104	0.38	ng/ul	100
18) Benzo(a)anthracene	20.28	228	43745	0.36	ng/ul	98
19) Chrysene	20.34	228	48348	0.37	ng/ul	99
21) Benzo(b)fluoranthene	21.64	252	46265	0.37	ng/ul	84
22) Benzo(k)fluoranthene	21.68	252	48723	0.38	ng/ul#	85
23) Benzo(a)pyrene	22.11	252	44691	0.36	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	23.86	276	227256	0.46	ng/ul#	89
25) Dibenzo(a,h)anthracene	23.81	278	46842	0.37	ng/ul	93
26) Benzo(g,h,i)perylene	24.43	276	196932	0.38	ng/ul#	91

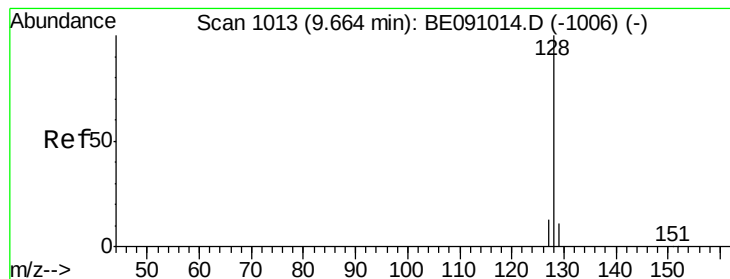
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 05:50:36 2015
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#3

Naphthalene

Concen: 0.36 ng/ul

RT: 9.66 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

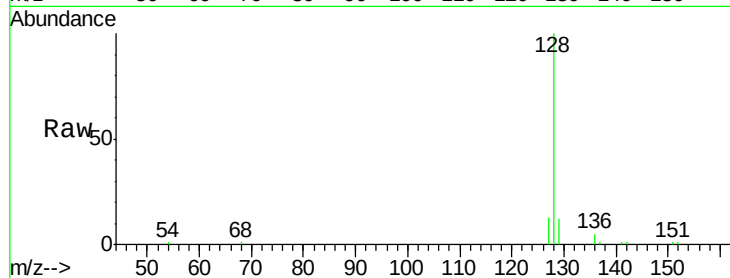
Tot Ion:128 Resp: 24458

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

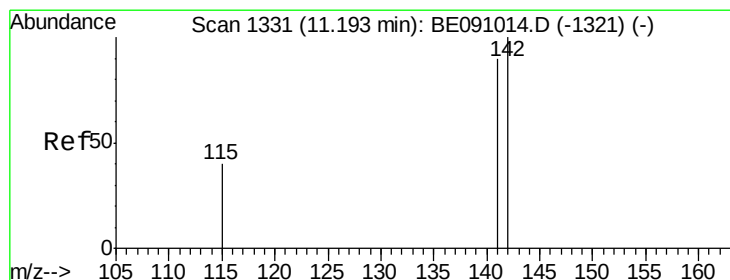
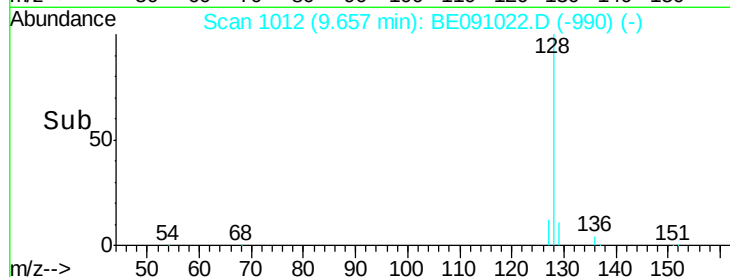
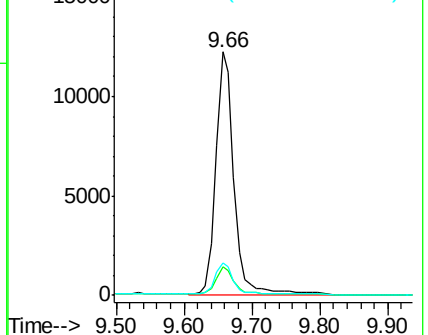
127 13.1 10.7 16.1



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



#5

2-Methylnaphthalene

Concen: 0.38 ng/ul

RT: 11.19 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BE091022.D

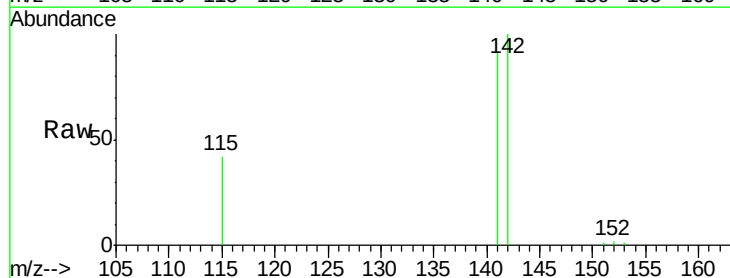
Acq: 19 Oct 2015 14:17

Tgt Ion:142 Resp: 14405

Ion Ratio Lower Upper

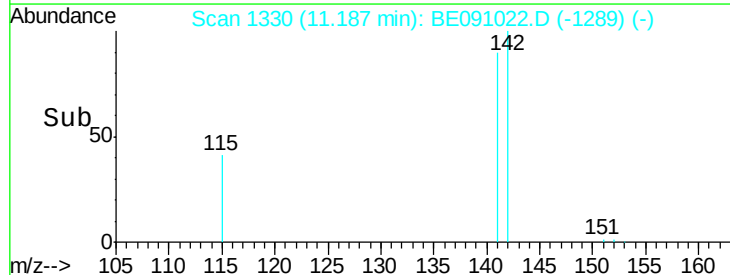
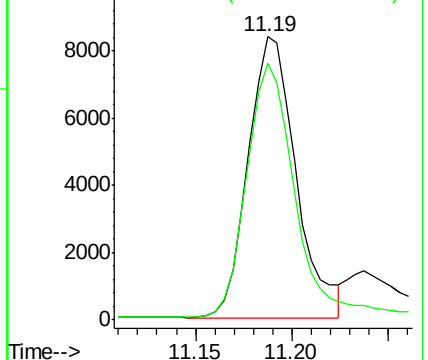
142 100

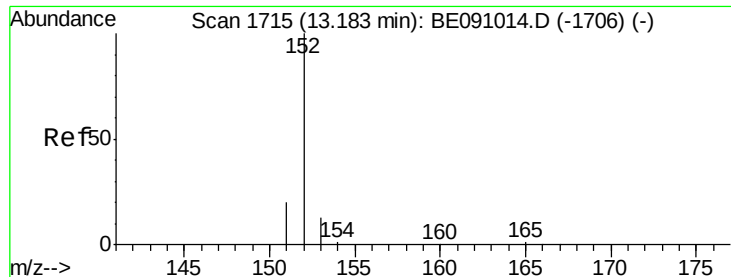
141 93.9 79.4 119.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 13.18 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

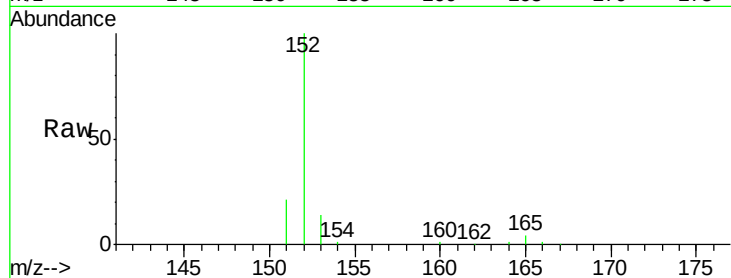
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 23511

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	24.8
153	13.6	10.7	16.1

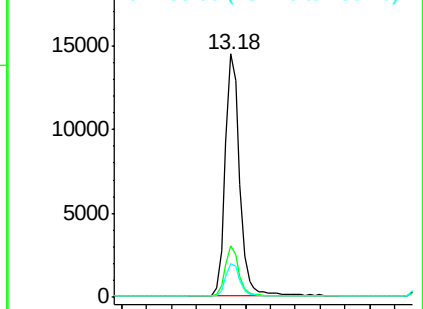


Abundance

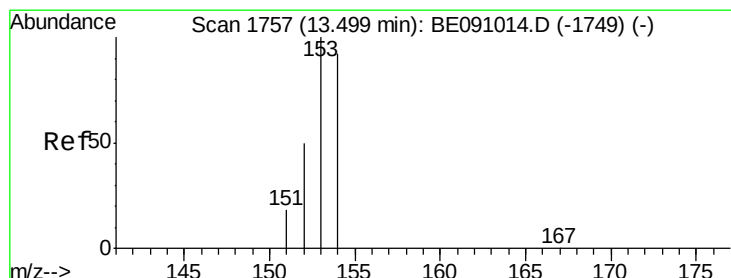
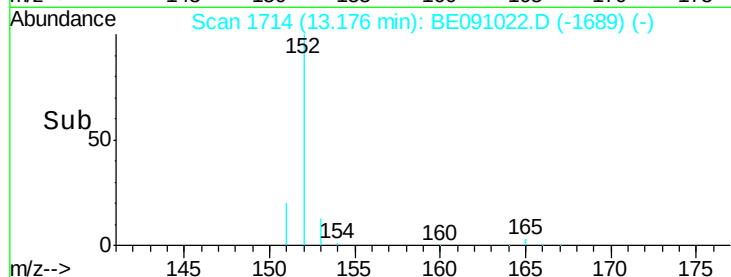
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.36 ng/ul

RT: 13.49 min Scan# 1756

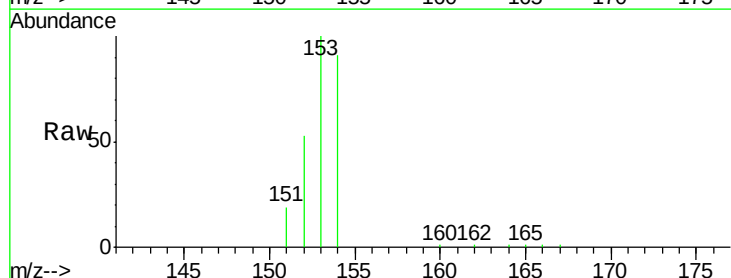
Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Tgt Ion:153 Resp: 16505

Ion	Ratio	Lower	Upper
153	100		
152	52.8	39.8	59.8
154	91.3	75.4	113.2

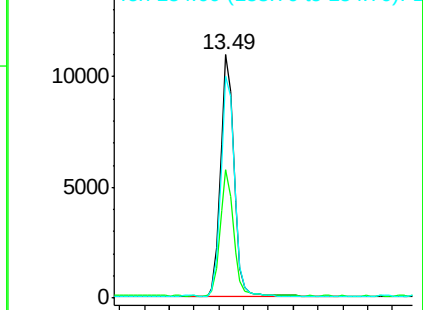


Abundance

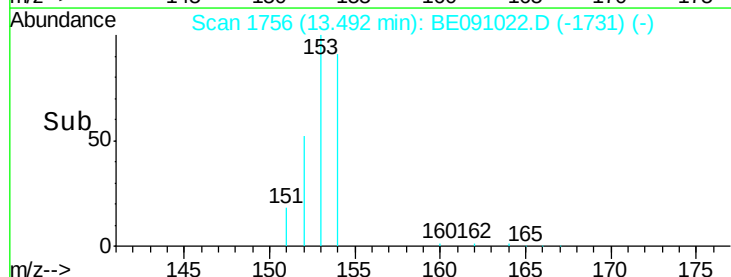
Ion 153.00 (152.70 to 153.70): E

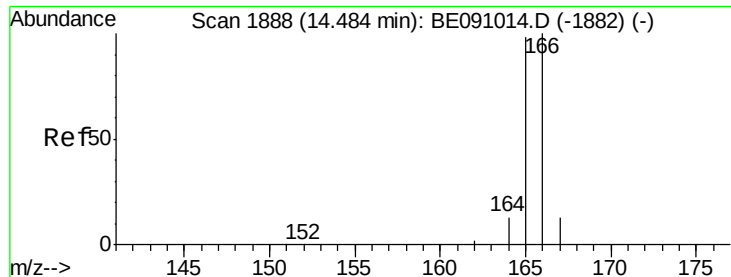
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.37 ng/ul

RT: 14.48 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

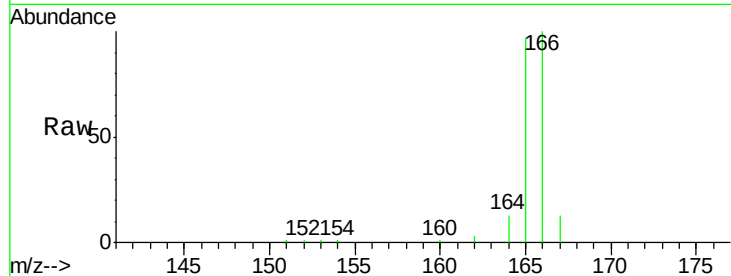
Tot Ion:166 Resp: 20846

Ion Ratio Lower Upper

166 100

165 97.2 77.7 116.5

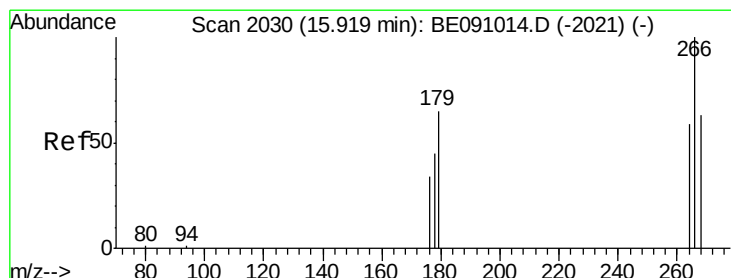
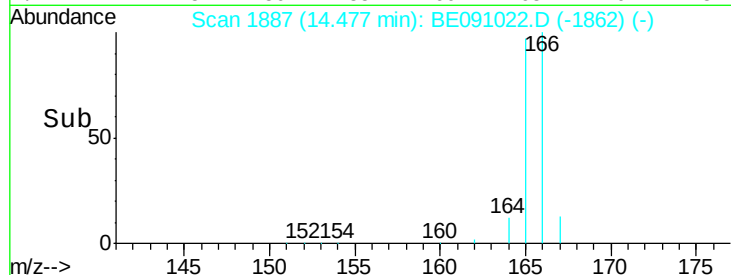
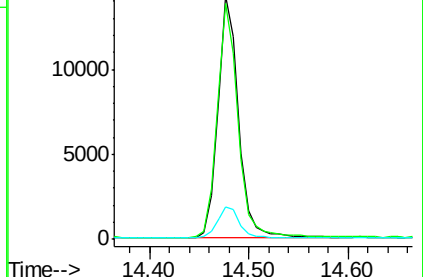
167 13.2 10.9 16.3



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



#11

Pentachlorophenol

Concen: 0.22 ng/ul

RT: 15.92 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

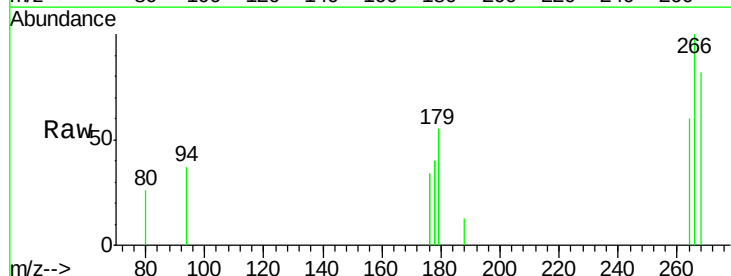
Tgt Ion:266 Resp: 1121

Ion Ratio Lower Upper

266 100

264 62.2 50.7 76.1

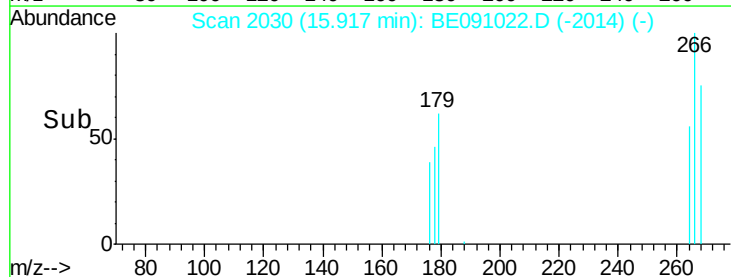
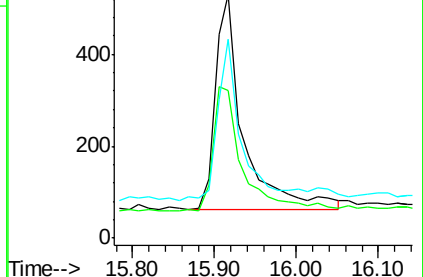
268 69.7 57.6 86.4

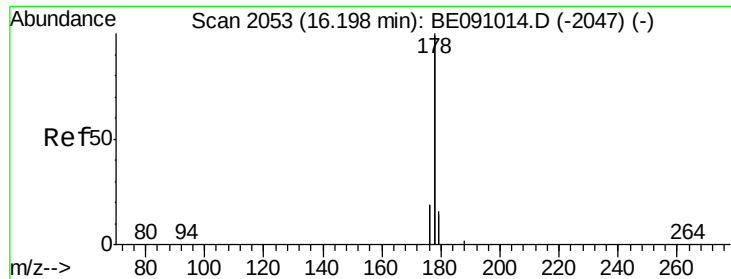


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 16.20 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

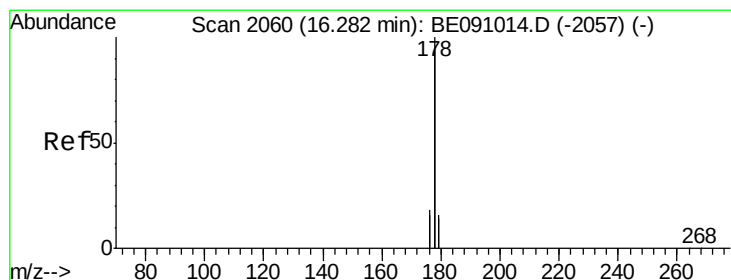
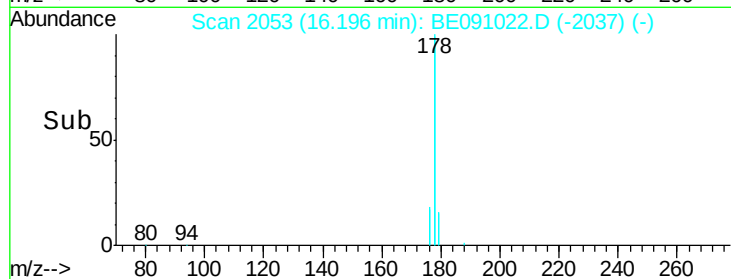
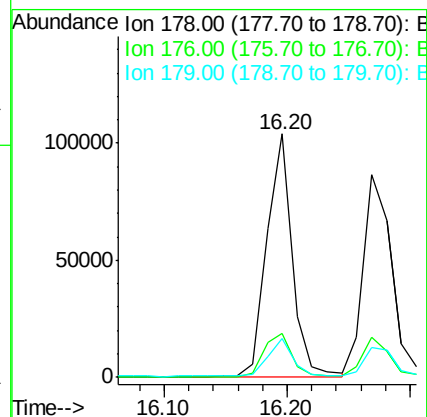
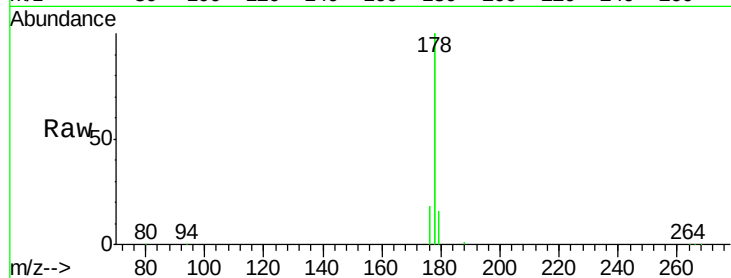
Tot Ion:178 Resp: 149510

Ion Ratio Lower Upper

178 100

176 18.0 16.9 25.3

179 16.0 12.0 18.0



#13

Anthracene

Concen: 0.37 ng/ul

RT: 16.27 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

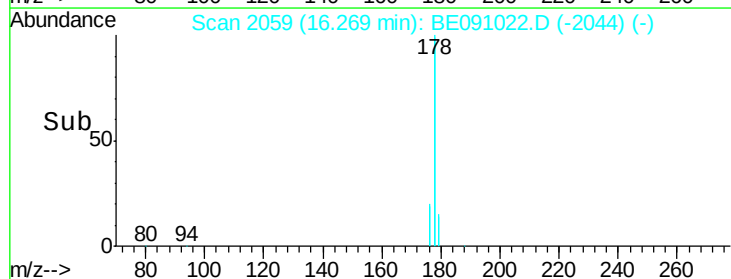
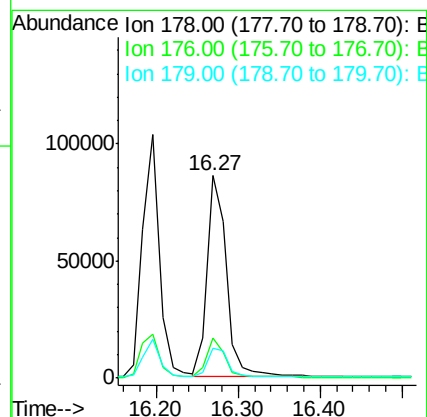
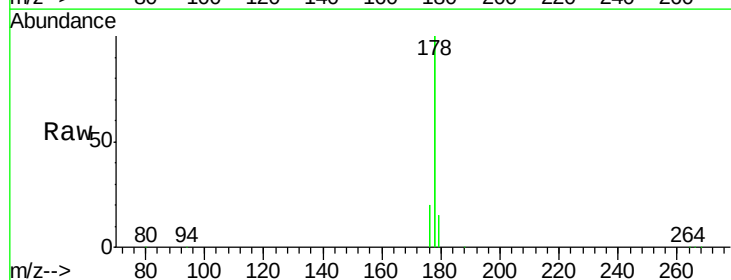
Tgt Ion:178 Resp: 140964

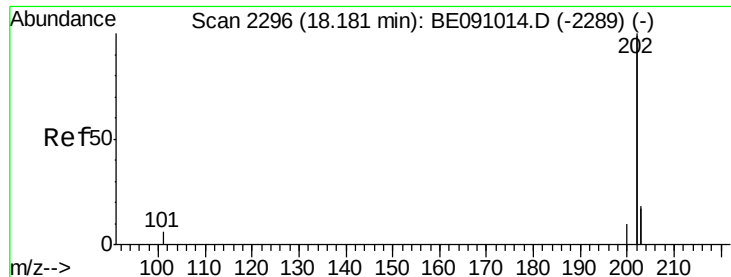
Ion Ratio Lower Upper

178 100

176 20.1 14.9 22.3

179 14.8 12.3 18.5





#15

Fluoranthene

Concen: 0.36 ng/ul

RT: 18.17 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

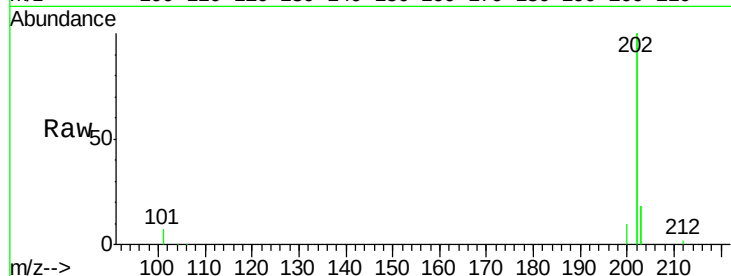
Tot Ion:202 Resp: 178952

Ion Ratio Lower Upper

202 100

101 3.3 0.0 23.7

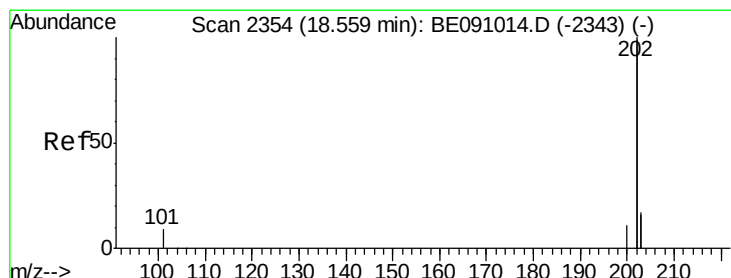
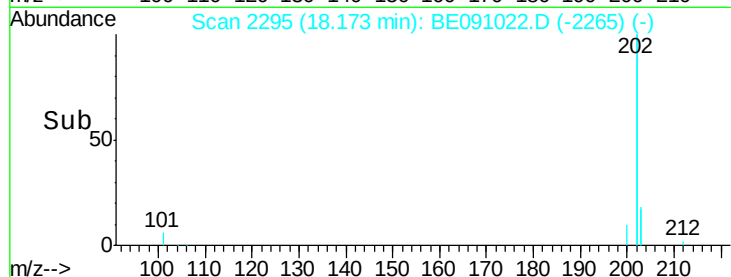
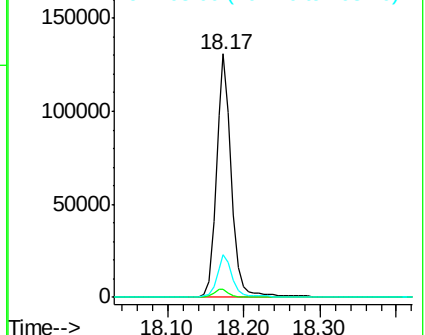
203 17.6 0.0 37.5



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



#17

Pyrene

Concen: 0.38 ng/ul

RT: 18.56 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

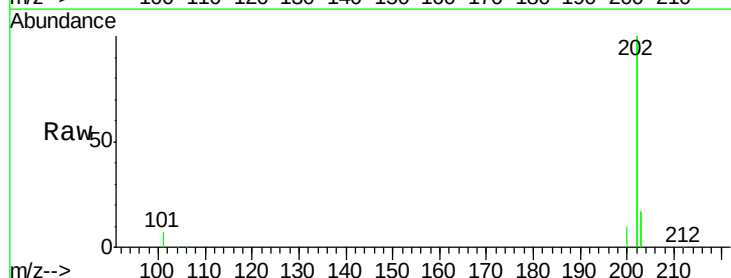
Tgt Ion:202 Resp: 179104

Ion Ratio Lower Upper

202 100

200 5.2 4.3 6.5

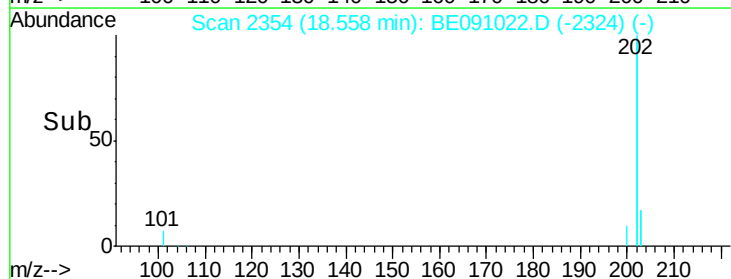
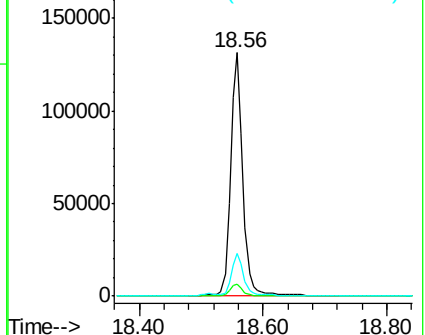
203 17.5 13.9 20.9

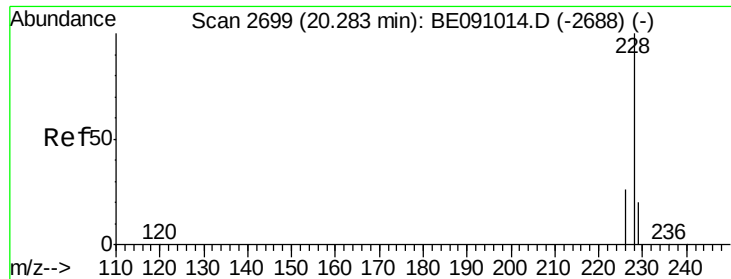


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 20.28 min Scan# 2698

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

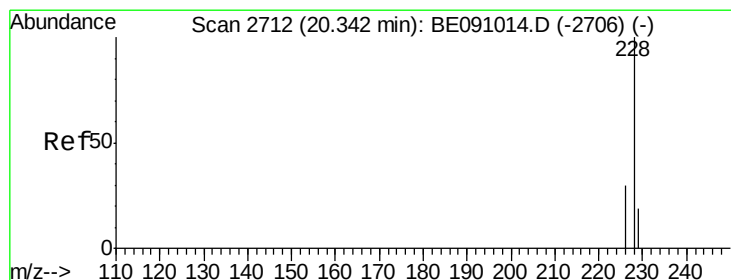
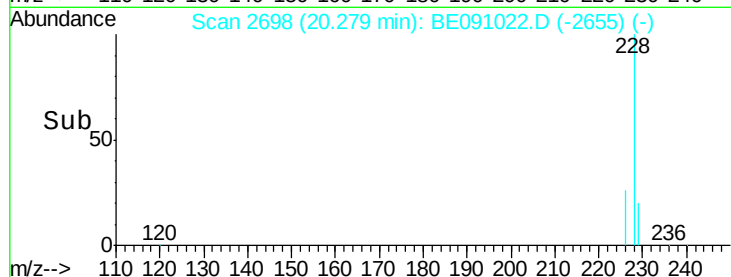
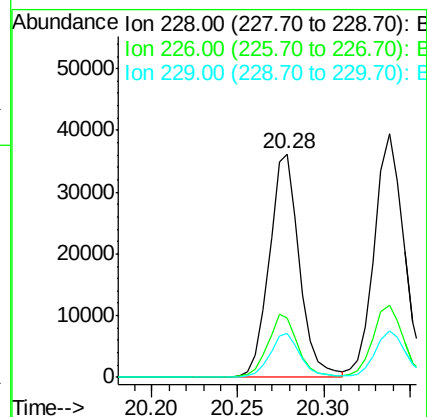
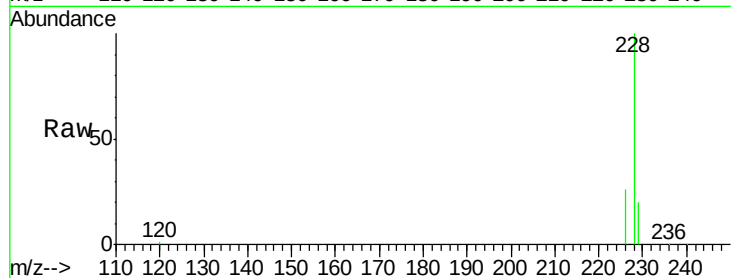
Tot Ion:228 Resp: 43745

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

229 19.9 15.8 23.6



#19

Chrysene

Concen: 0.37 ng/ul

RT: 20.34 min Scan# 2711

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

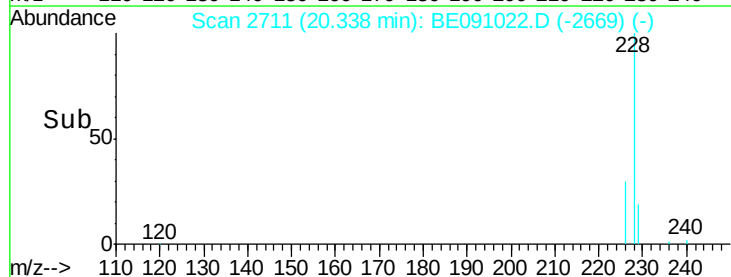
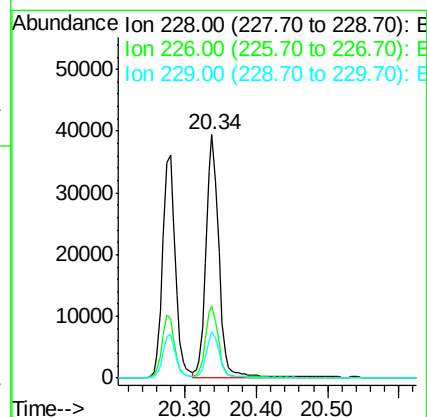
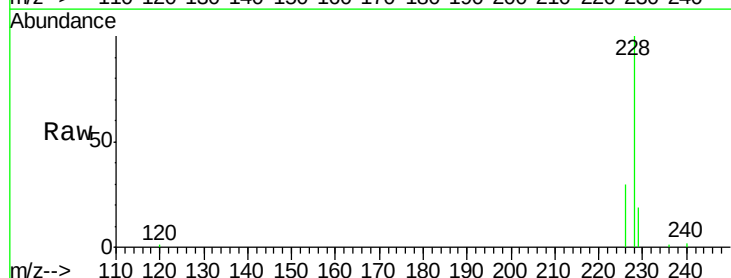
Tgt Ion:228 Resp: 48348

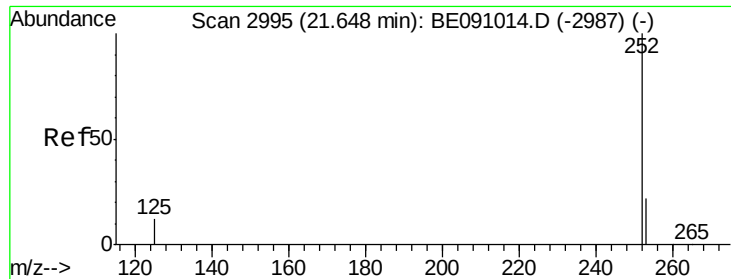
Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

229 19.0 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 0.37 ng/ul

RT: 21.64 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BE091022.D

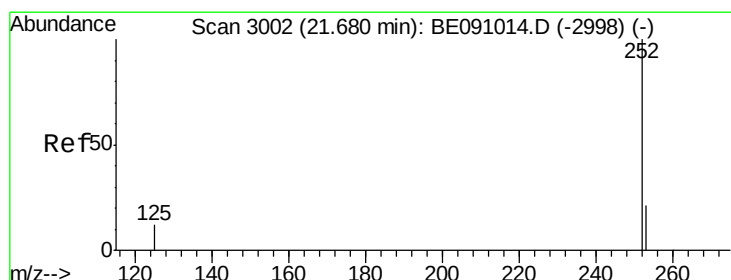
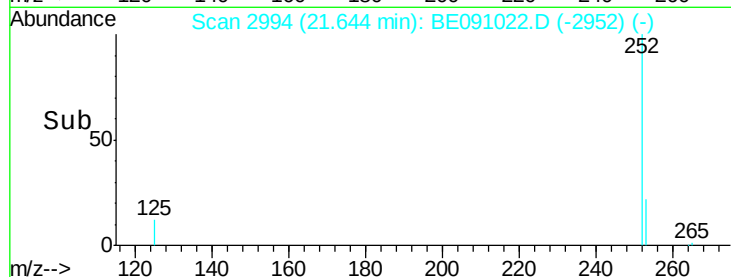
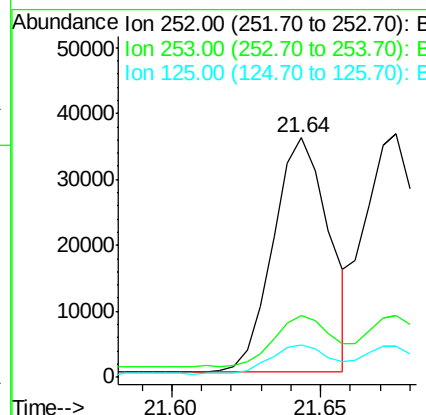
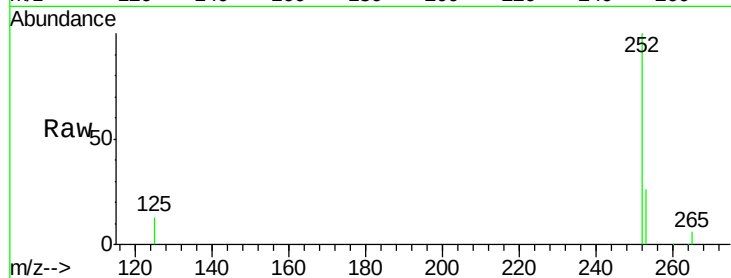
Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252	Resp:	46265
Ion Ratio	Lower	Upper
252	100	
253	25.6	0.0 76.2
125	13.5	0.0 31.2



#22

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

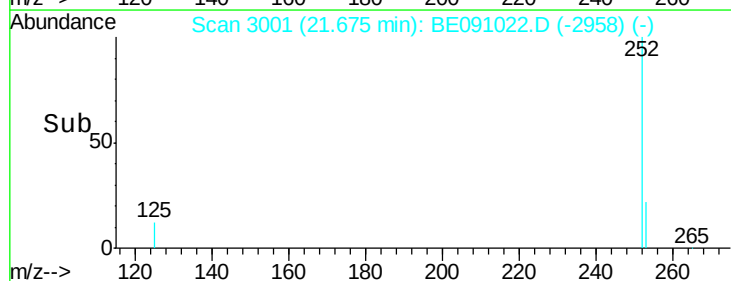
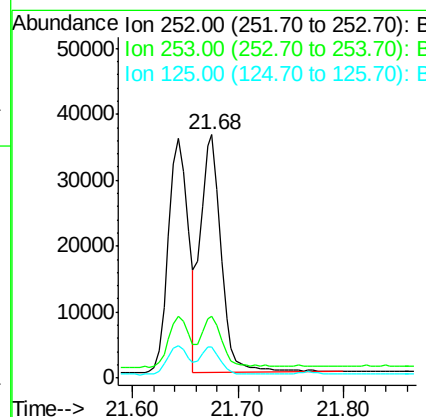
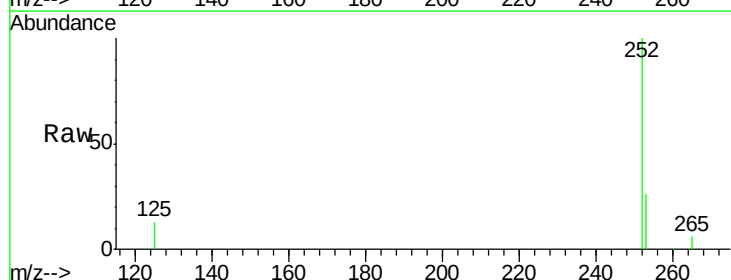
RT: 21.68 min Scan# 3001

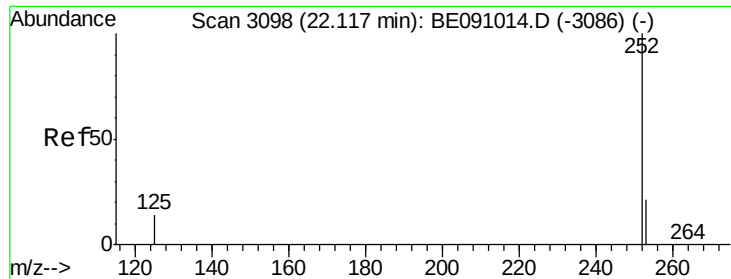
Delta R.T. -0.00 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Tgt Ion:252	Resp:	48723
Ion Ratio	Lower	Upper
252	100	
253	25.6	29.8 44.6#
125	13.0	12.2 18.4





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 22.11 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

Instrument :

BNA_E

ClientSampleId :

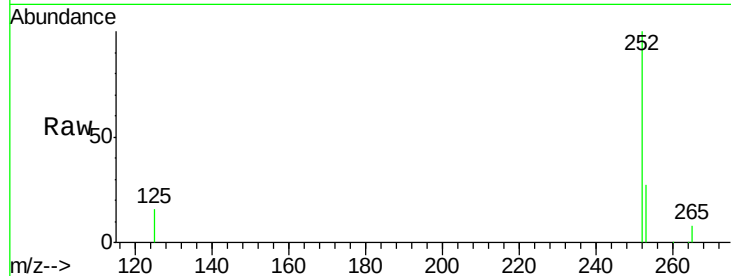
Tot Ion:252 Resp: 44691

Ion Ratio Lower Upper

252 100

253 26.9 34.0 51.0#

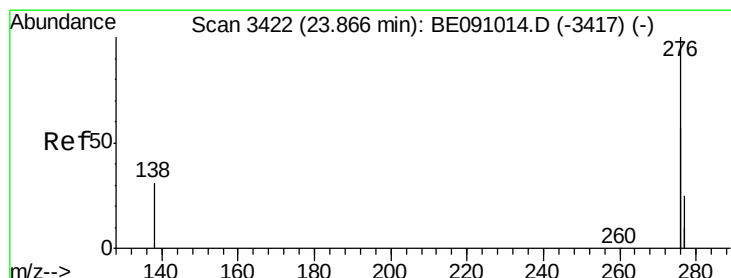
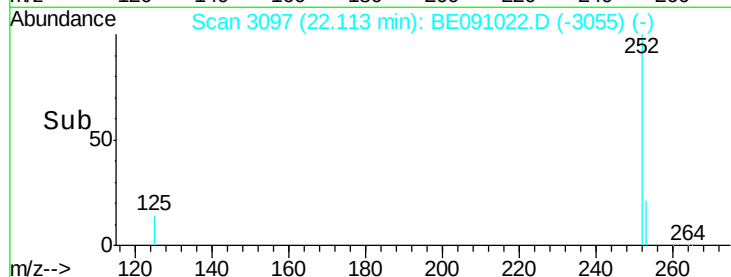
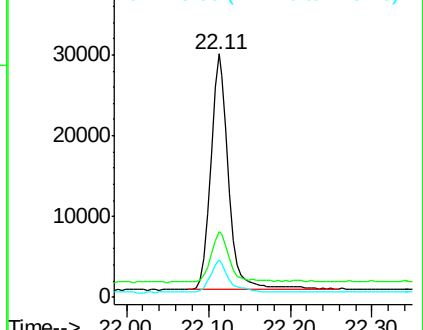
125 15.6 13.6 20.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.46 ng/ul

RT: 23.86 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BE091022.D

Acq: 19 Oct 2015 14:17

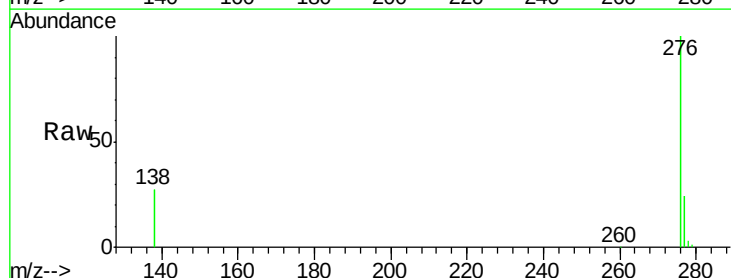
Tgt Ion:276 Resp: 227256

Ion Ratio Lower Upper

276 100

138 18.6 19.5 29.3#

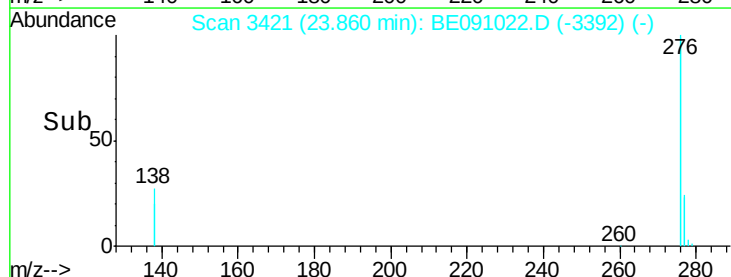
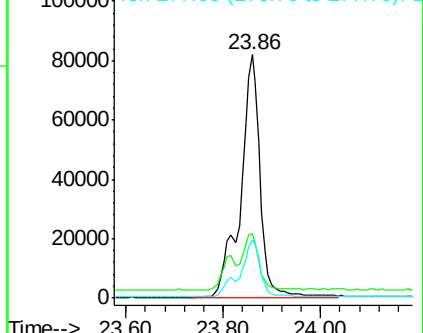
277 19.1 19.4 29.0#

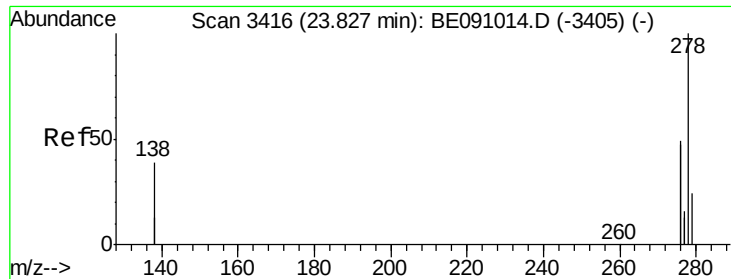


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

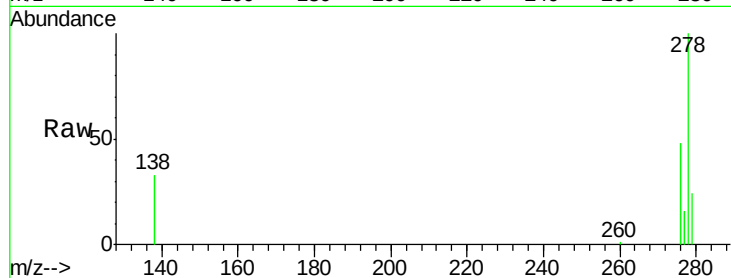




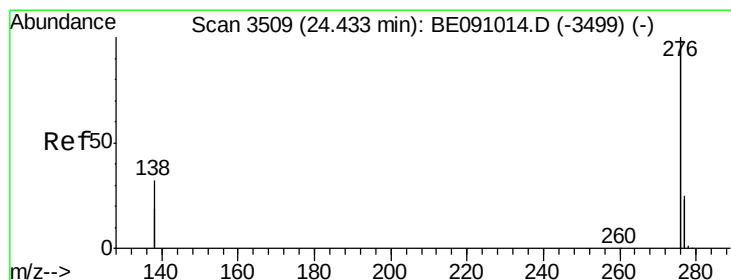
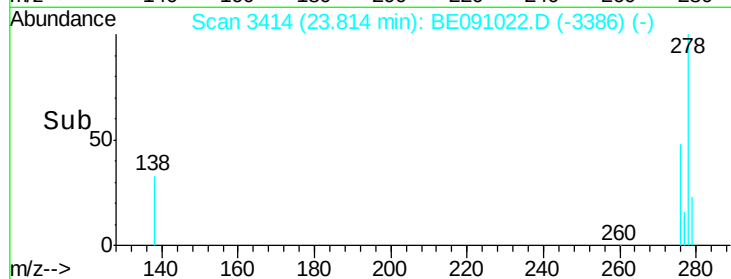
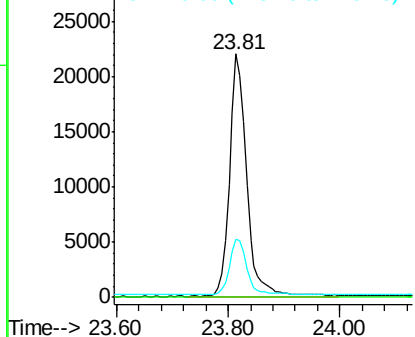
#25
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 23.81 min Scan# 3414
Delta R.T. -0.02 min
Lab File: BE091022.D
Acq: 19 Oct 2015 14:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 46842
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 24.0 22.1 33.1

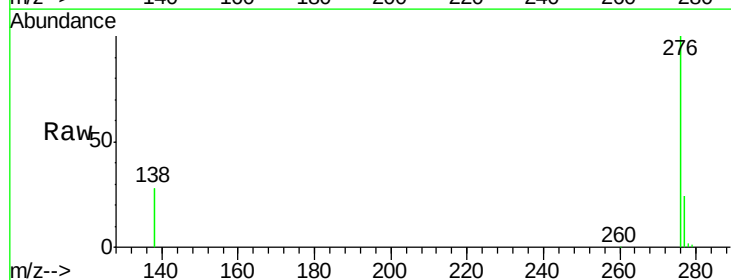


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 24.43 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BE091022.D
Acq: 19 Oct 2015 14:17

Tgt Ion:276 Resp: 196932
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.8
138 28.2 29.4 44.2#



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

