

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101915\
 Data File : BE091024.D
 Acq On : 19 Oct 2015 17:16
 Operator : UM/NP
 Sample : G4075-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 20 01:01:50 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 : Tue Oct 20 01:00:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	8686	0.40	ng/ul	0.00
2) Naphthalene-d8	9.61	136	41992	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.43	164	24042	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.25	188	2345090	0.40	ng/ul	0.09
16) Chrysene-d12	20.31	240	68560	0.40	ng/ul	0.00
20) Perylene-d12	22.21	264	98239	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.12	152	11405	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.15	212	31285	0.01	ng/ul	0.00

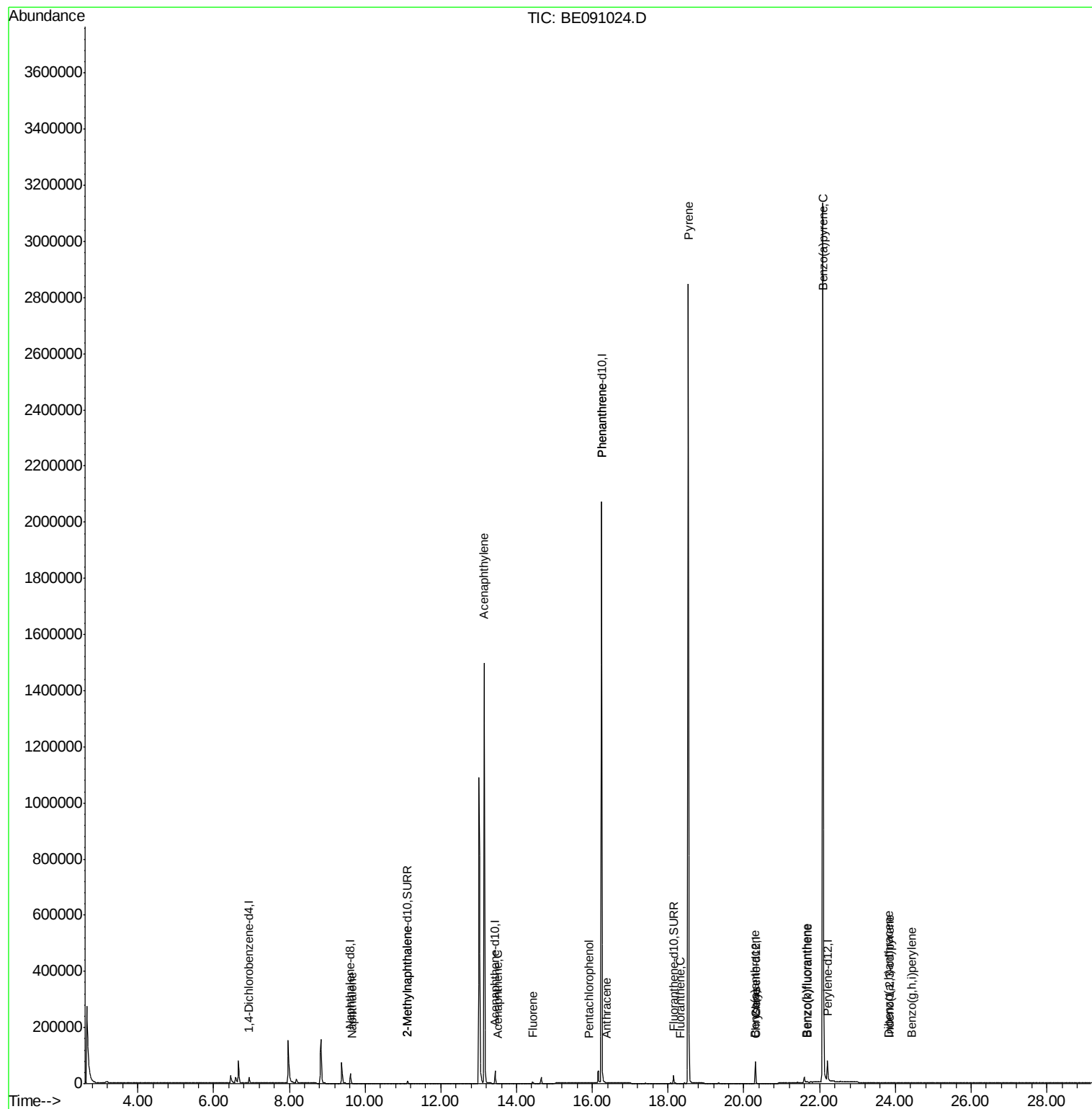
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	9.66	128	1515	0.02	ng/ul#	14
5) 2-Methylnaphthalene	11.12	142	23	0.00	ng/ul	95
7) Acenaphthylene	13.15	152	241	0.00	ng/ul#	1
8) Acenaphthene	13.50	153	81	0.00	ng/ul#	74
9) Fluorene	14.42	166	4077	0.05	ng/ul#	14
11) Pentachlorophenol	15.92	266	124	0.00	ng/ul	88
12) Phenanthrene	16.25	178	5514	0.00	ng/ul#	1
13) Anthracene	16.37	178	263	0.00	ng/ul#	1
15) Fluoranthene	18.34	202	93	0.00	ng/ul#	1
17) Pyrene	18.53	202	18951	0.03	ng/ul#	1
18) Benzo(a)anthracene	20.28	228	162	0.00	ng/ul#	17
19) Chrysene	20.34	228	172	0.00	ng/ul#	25
21) Benzo(b)fluoranthene	21.65	252	189	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	21.67	252	149	0.00	ng/ul#	1
23) Benzo(a)pyrene	22.09	252	11880	0.05	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	23.86	276	590	0.00	ng/ul#	1
25) Dibenzo(a,h)anthracene	23.81	278	164	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	24.43	276	1260	0.00	ng/ul#	1

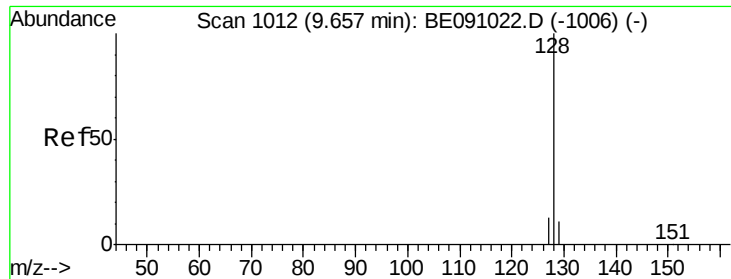
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 9.66 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Instrument :

BNA_E

ClientSampleId :

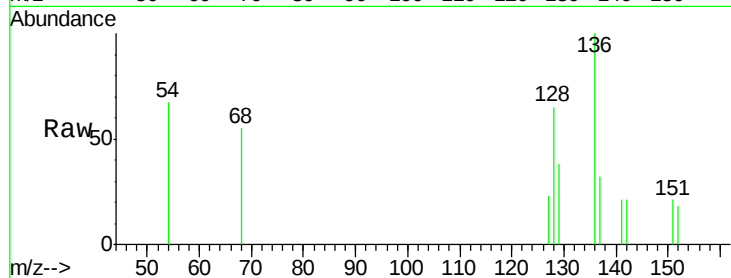
Tot Ion:128 Resp: 1515

Ion Ratio Lower Upper

128 100

129 58.3 9.0 13.4#

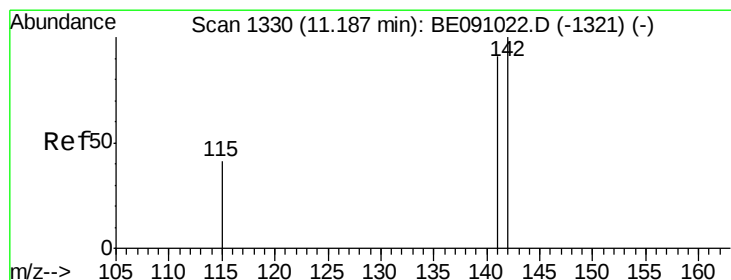
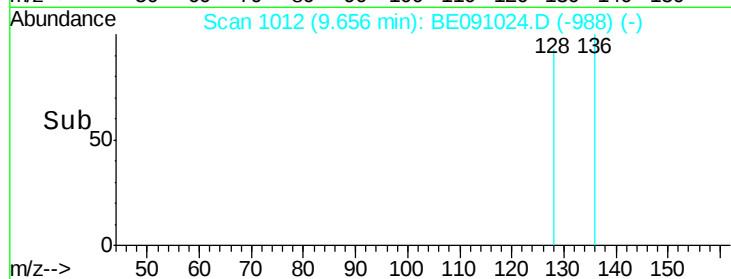
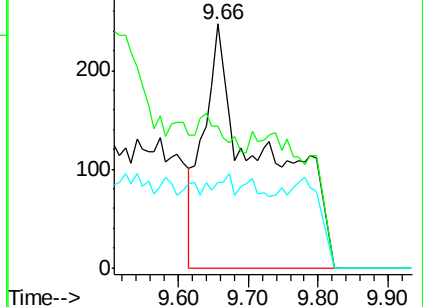
127 35.2 10.7 16.1#



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



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.12 min Scan# 1314

Delta R.T. -0.07 min

Lab File: BE091024.D

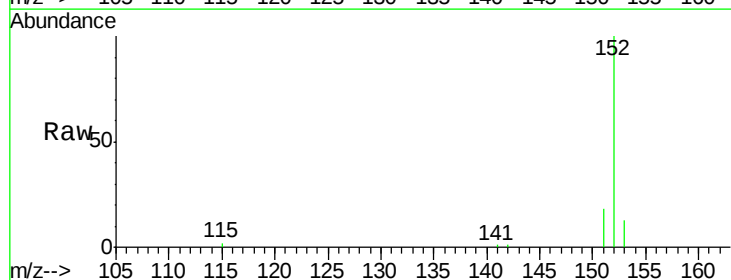
Acq: 19 Oct 2015 17:16

Tgt Ion:142 Resp: 23

Ion Ratio Lower Upper

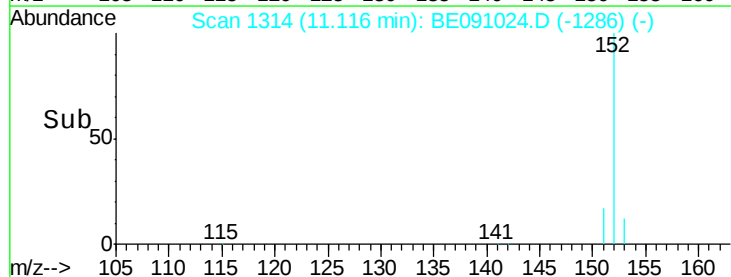
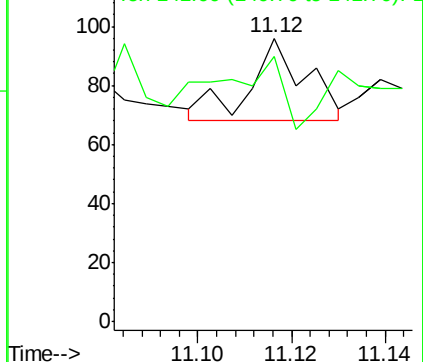
142 100

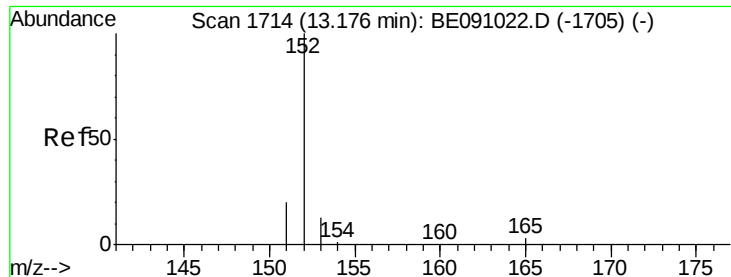
141 104.3 79.4 119.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.03 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

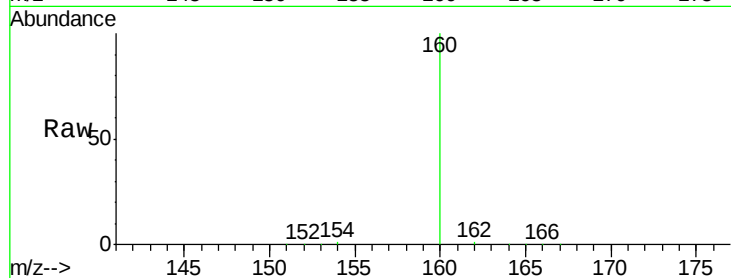
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 241

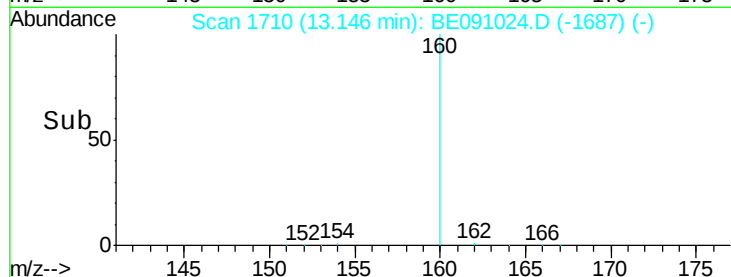
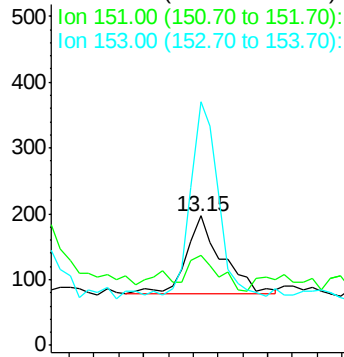
Ion	Ratio	Lower	Upper
152	100		
151	69.0	16.6	24.8#
153	187.8	10.7	16.1#



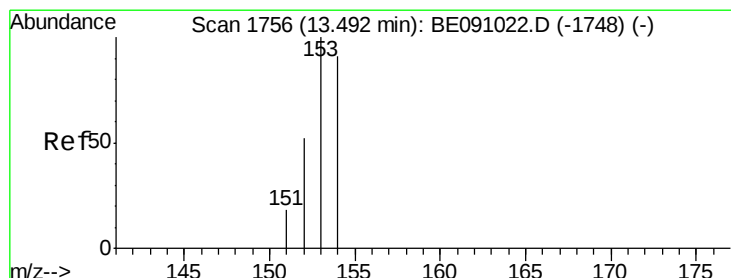
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.50 min Scan# 1757

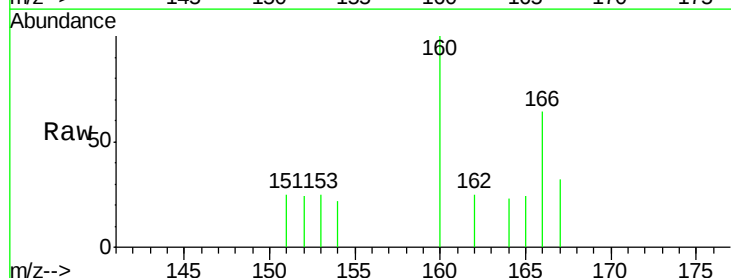
Delta R.T. 0.01 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Tgt Ion:153 Resp: 81

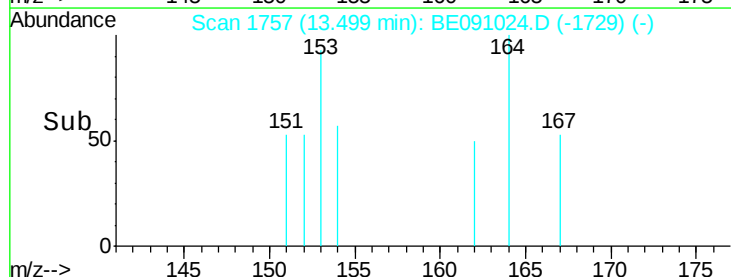
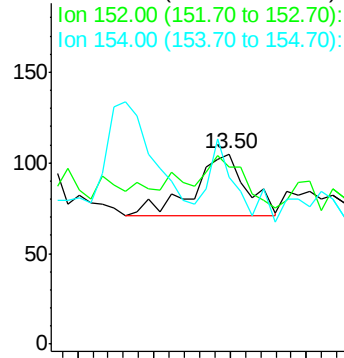
Ion	Ratio	Lower	Upper
153	100		
152	93.3	39.8	59.8#
154	87.6	75.4	113.2



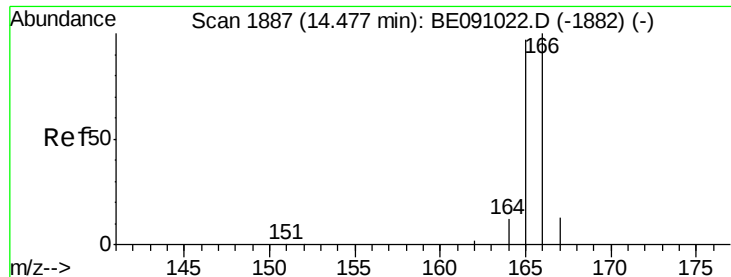
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



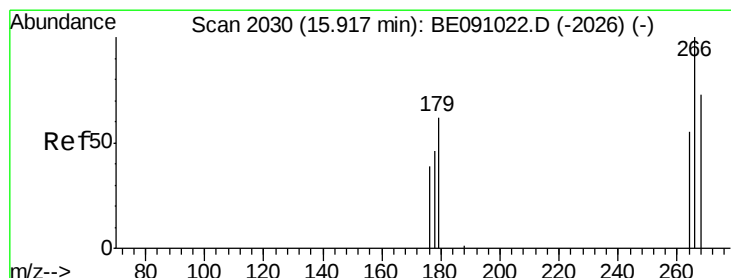
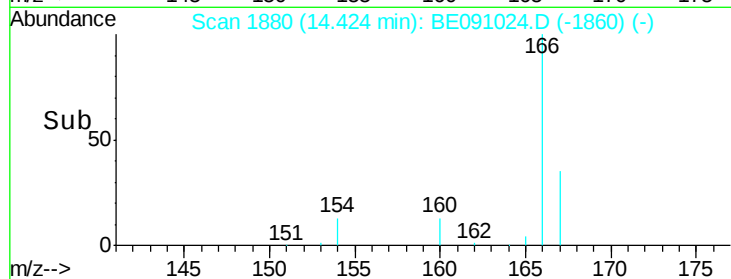
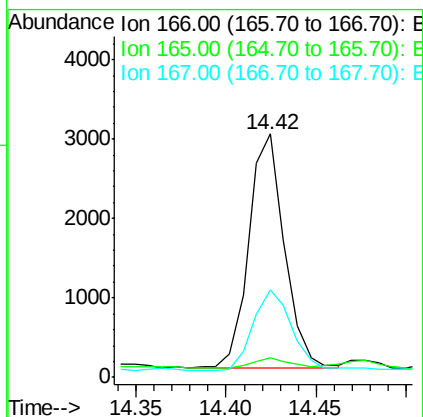
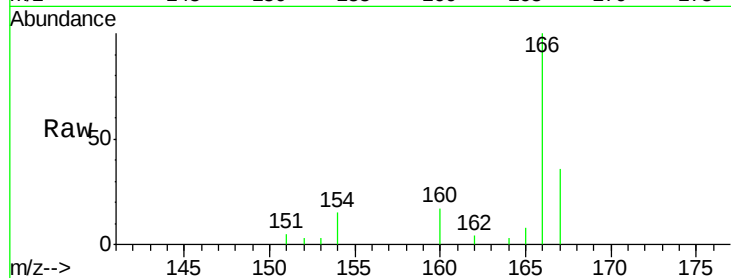
Time-->



#9
Fluorene
 Concen: 0.05 ng/ul
 RT: 14.42 min Scan# 1880
 Delta R.T. -0.05 min
 Lab File: BE091024.D
 Acq: 19 Oct 2015 17:16

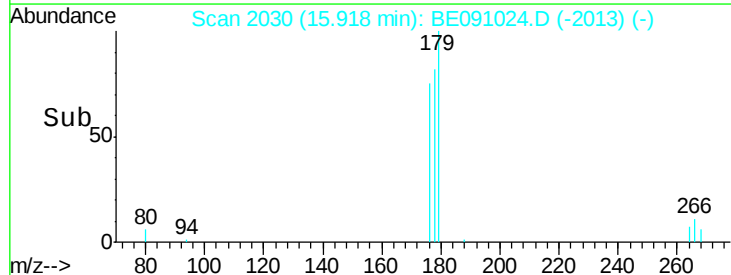
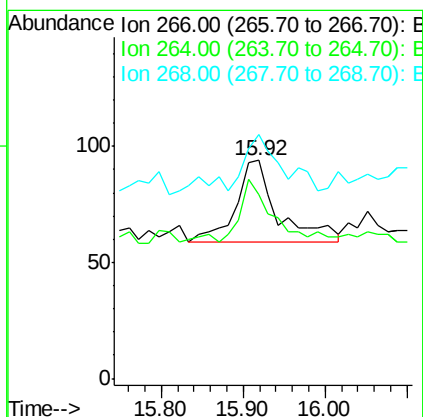
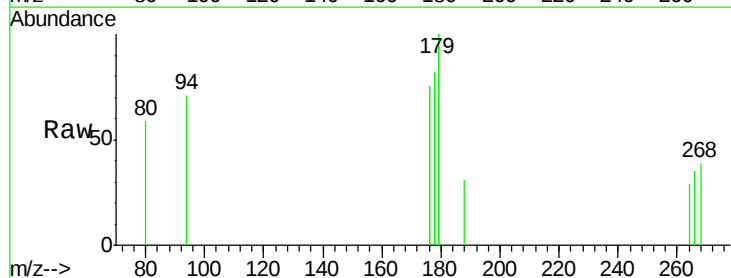
Instrument :
 BNA_E
 ClientSampleId :

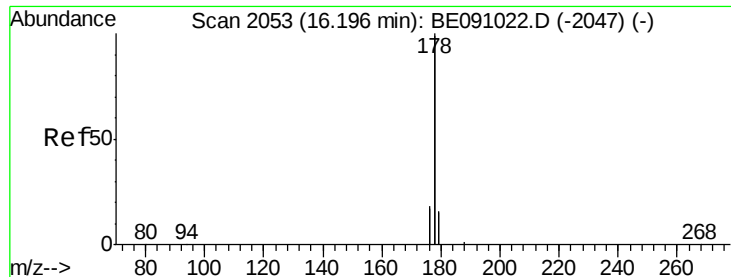
Tot Ion:166 Resp: 4077
 Ion Ratio Lower Upper
 166 100
 165 7.8 77.7 116.5#
 167 35.9 10.9 16.3#



#11
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 15.92 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BE091024.D
 Acq: 19 Oct 2015 17:16

Tgt Ion:266 Resp: 124
 Ion Ratio Lower Upper
 266 100
 264 57.3 50.7 76.1
 268 58.9 57.6 86.4





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. 0.05 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Instrument :

BNA_E

ClientSampleId :

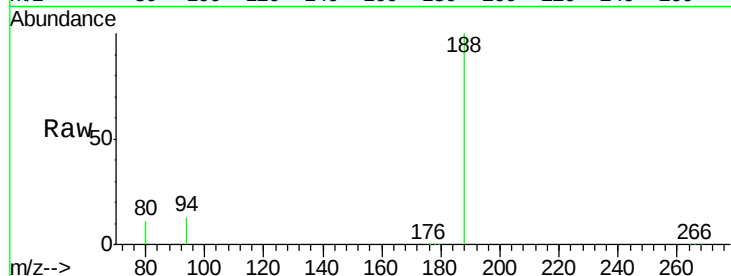
Tot Ion:178 Resp: 5514

Ion Ratio Lower Upper

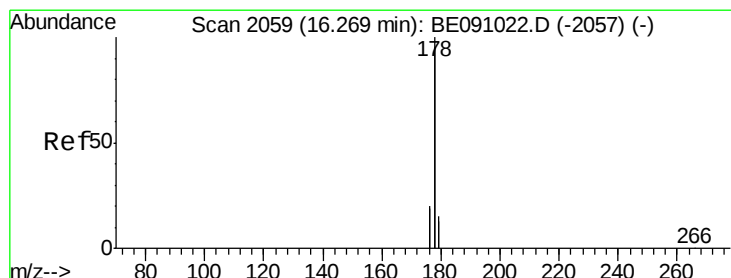
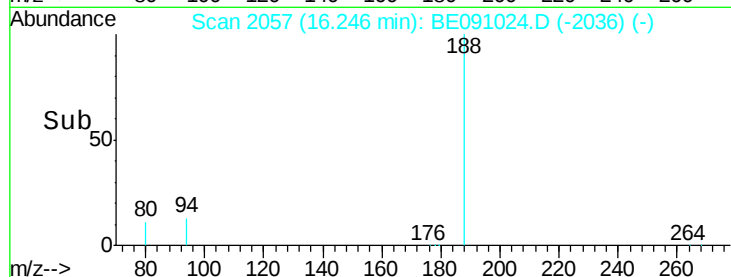
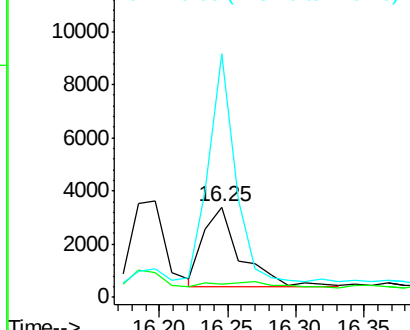
178 100

176 15.3 16.9 25.3#

179 270.0 12.0 18.0#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 16.37 min Scan# 2067

Delta R.T. 0.10 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

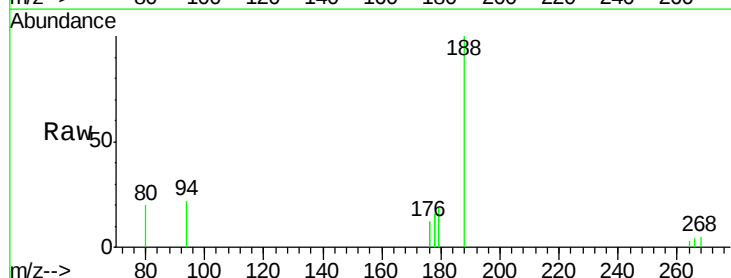
Tgt Ion:178 Resp: 263

Ion Ratio Lower Upper

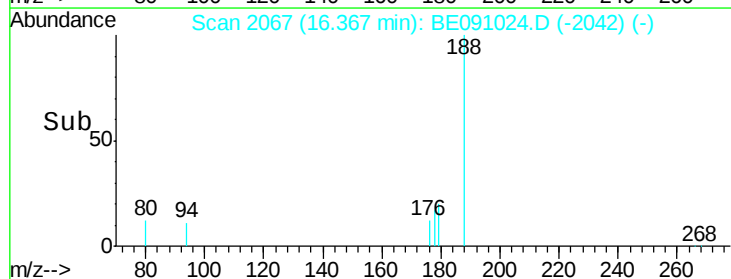
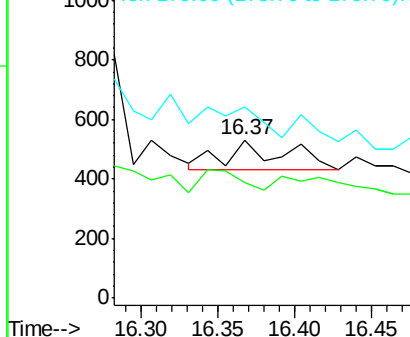
178 100

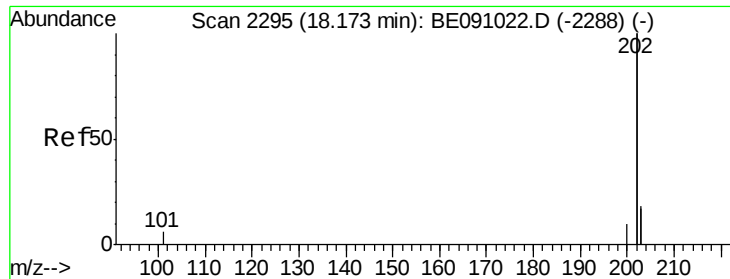
176 72.6 14.9 22.3#

179 120.3 12.3 18.5#



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

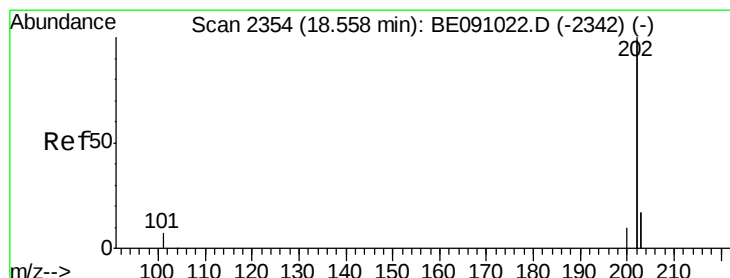
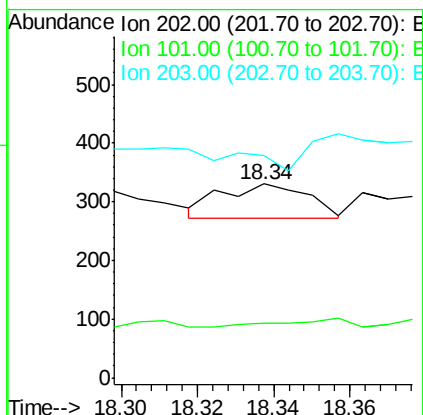
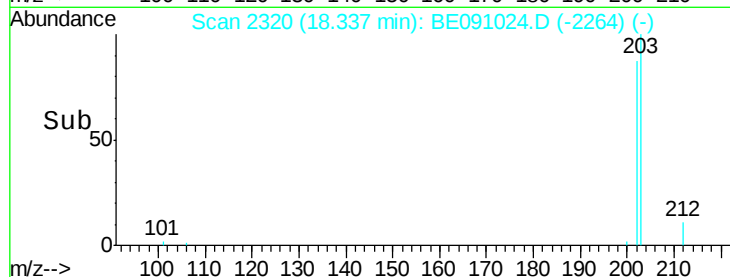
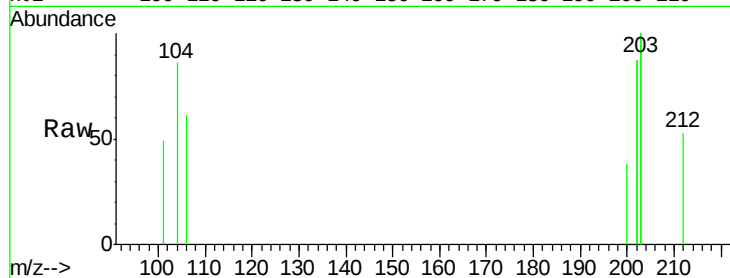




#15
Fluoranthene
 Concen: 0.00 ng/ul
 RT: 18.34 min Scan# 2320
 Delta R.T. 0.16 min
 Lab File: BE091024.D
 Acq: 19 Oct 2015 17:16

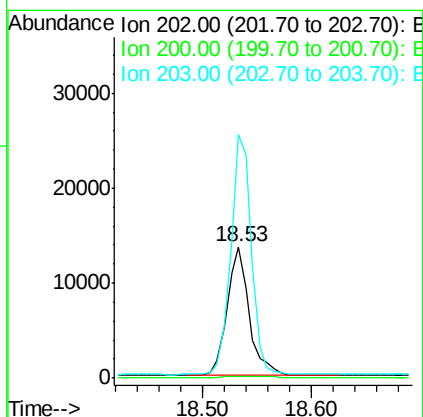
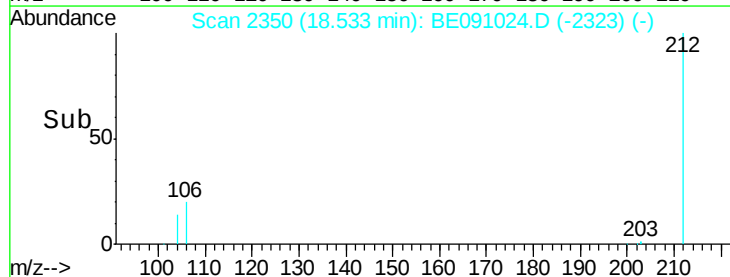
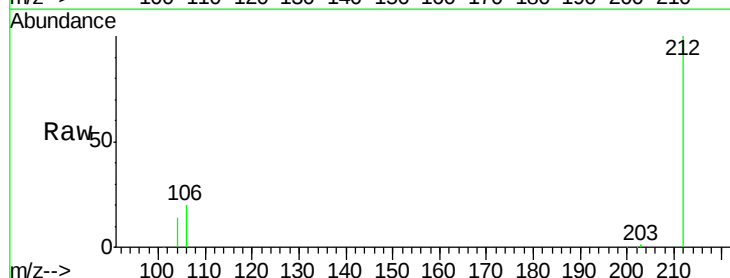
Instrument :
 BNA_E
 ClientSampled :

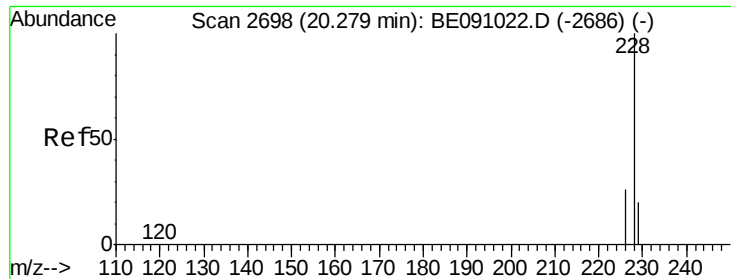
Tot Ion:202 Resp: 93
 Ion Ratio Lower Upper
 202 100
 101 27.9 0.0 23.7#
 203 114.5 0.0 37.5#



#17
Pyrene
 Concen: 0.03 ng/ul
 RT: 18.53 min Scan# 2350
 Delta R.T. -0.03 min
 Lab File: BE091024.D
 Acq: 19 Oct 2015 17:16

Tgt Ion:202 Resp: 18951
 Ion Ratio Lower Upper
 202 100
 200 1.2 4.3 6.5#
 203 185.7 13.9 20.9#





#18

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 20.28 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Instrument :

BNA_E

ClientSampleId :

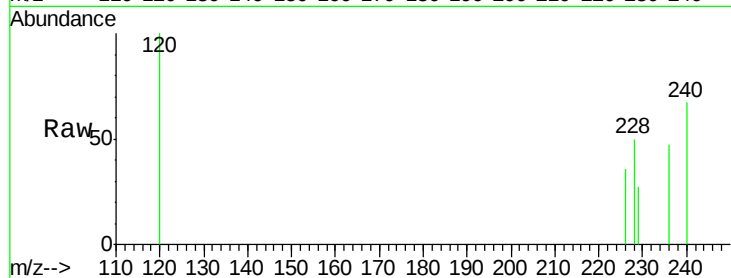
Tot Ion:228 Resp: 162

Ion Ratio Lower Upper

228 100

226 73.2 22.1 33.1#

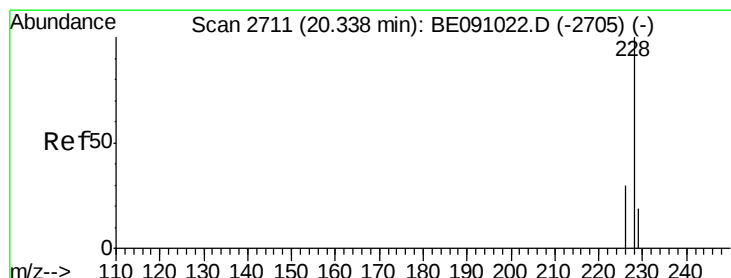
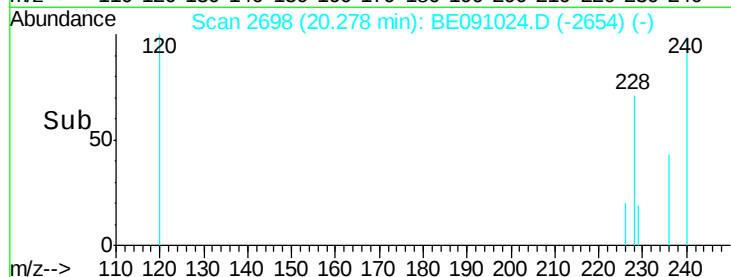
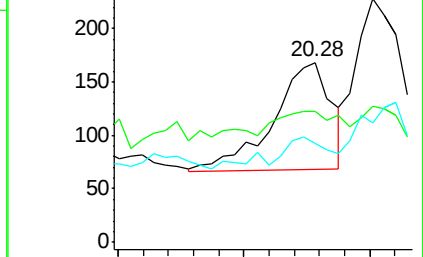
229 55.4 15.8 23.6#



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



#19

Chrysene

Concen: 0.00 ng/ul

RT: 20.34 min Scan# 2711

Delta R.T. -0.00 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

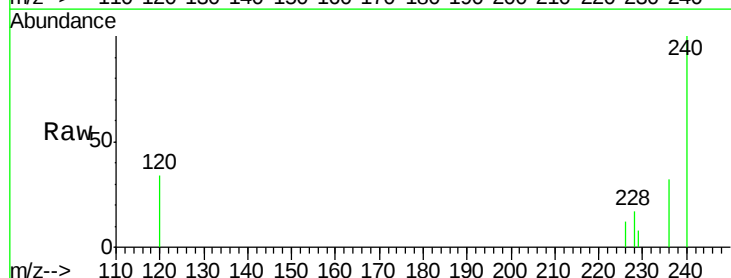
Tgt Ion:228 Resp: 172

Ion Ratio Lower Upper

228 100

226 73.3 23.6 35.4#

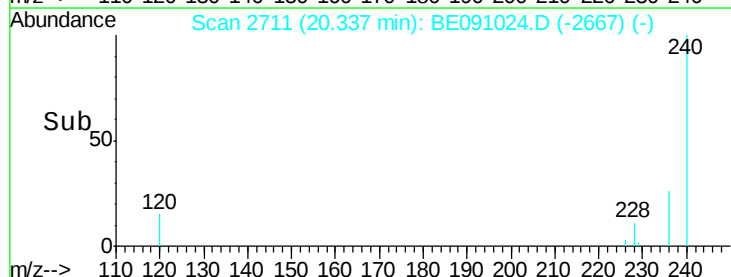
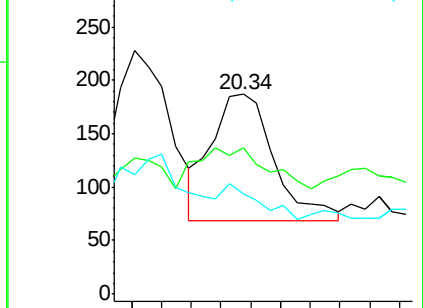
229 50.3 15.8 23.8#

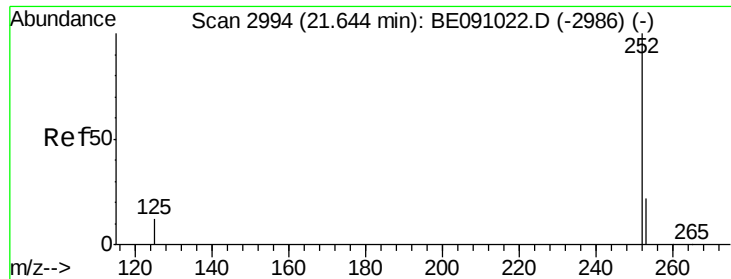


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. 0.01 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Instrument :

BNA_E

ClientSampleId :

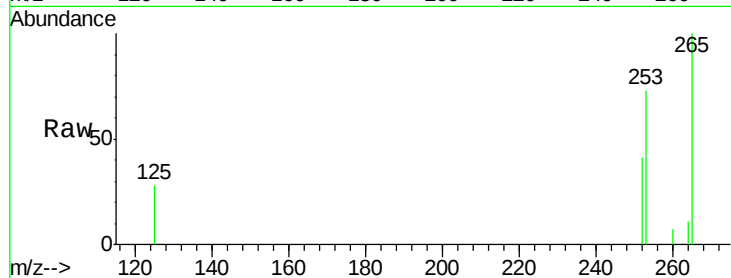
Tot Ion:252 Resp: 189

Ion Ratio Lower Upper

252 100

253 178.7 0.0 76.2#

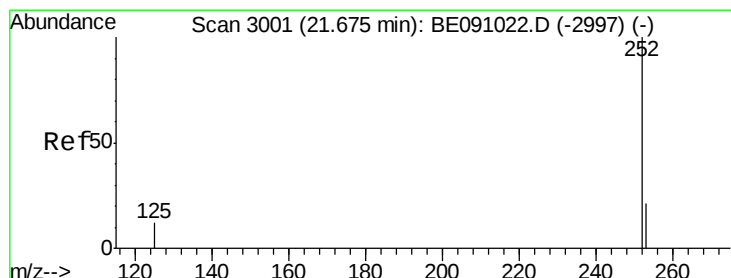
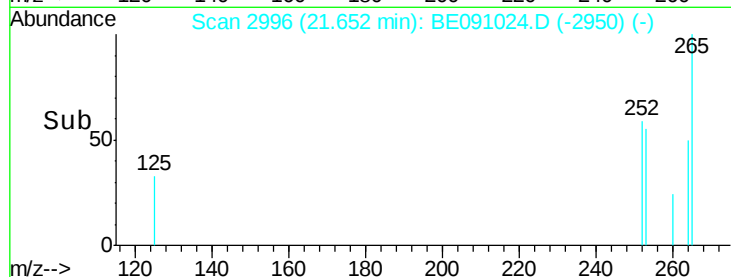
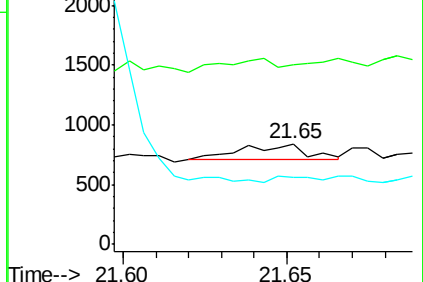
125 67.3 0.0 31.2#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.67 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

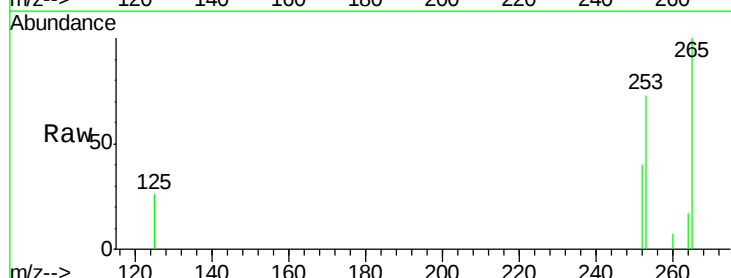
Tgt Ion:252 Resp: 149

Ion Ratio Lower Upper

252 100

253 183.8 29.8 44.6#

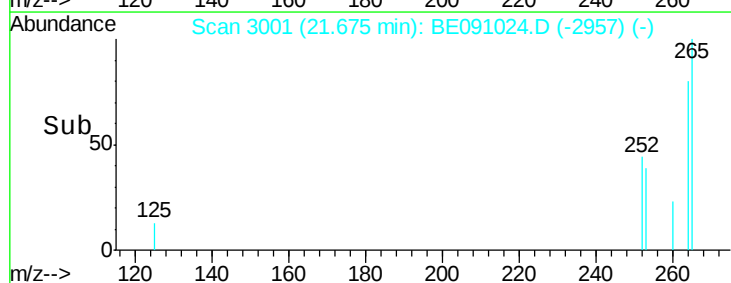
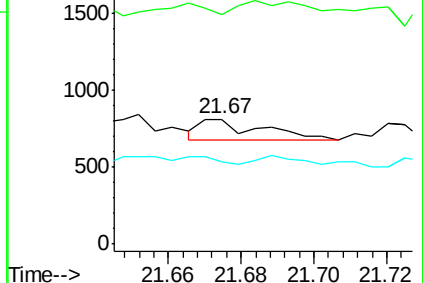
125 65.7 12.2 18.4#

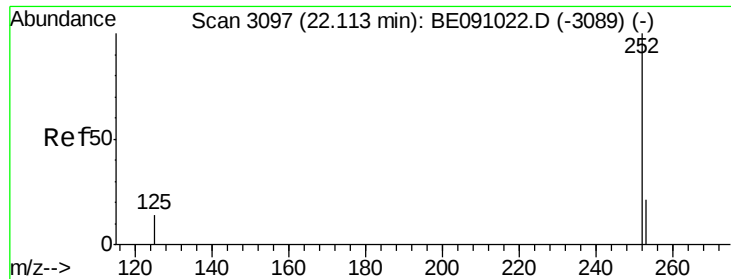


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 22.09 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

Instrument :

BNA_E

ClientSampleId :

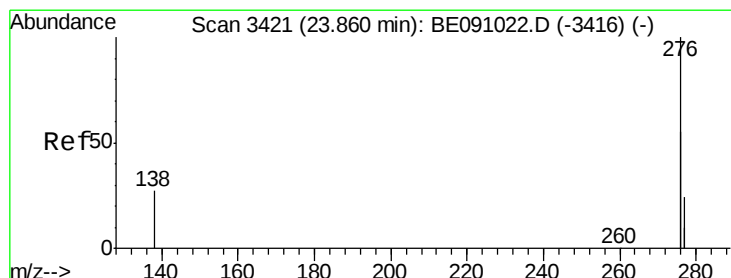
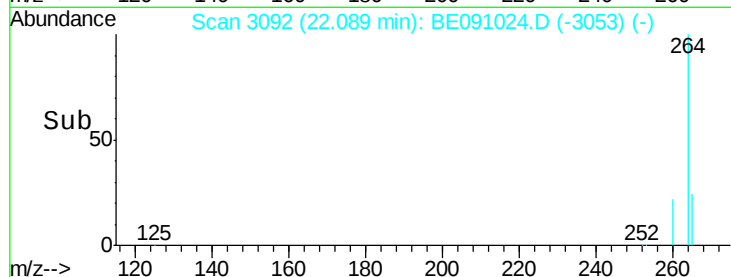
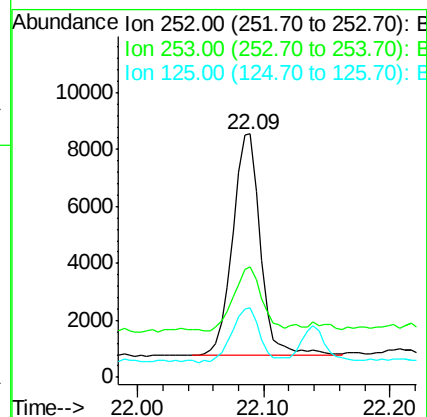
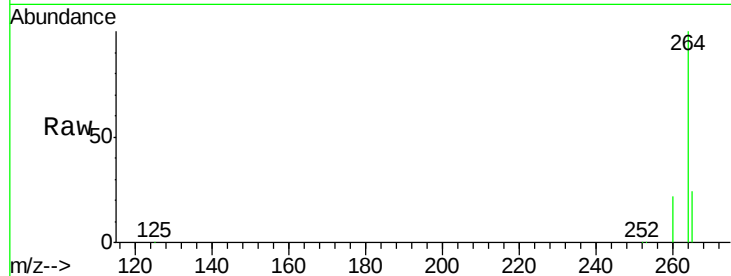
Tot Ion:252 Resp: 11880

Ion Ratio Lower Upper

252 100

253 45.6 34.0 51.0

125 28.5 13.6 20.4#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.86 min Scan# 3421

Delta R.T. -0.00 min

Lab File: BE091024.D

Acq: 19 Oct 2015 17:16

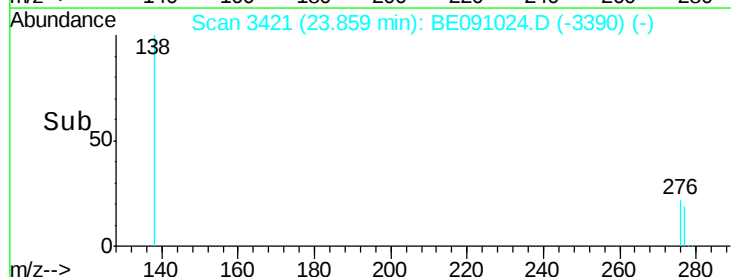
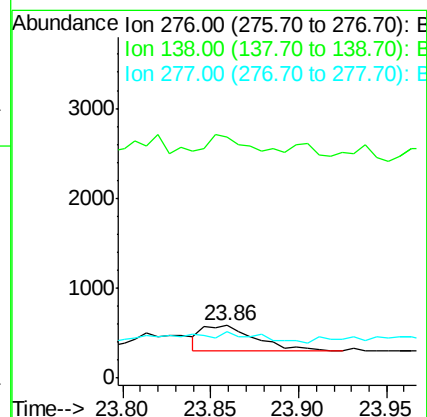
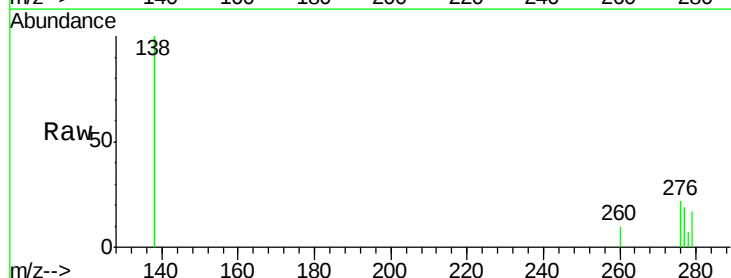
Tgt Ion:276 Resp: 590

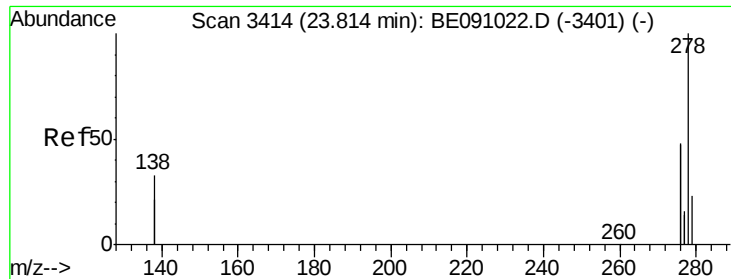
Ion Ratio Lower Upper

276 100

138 108.6 19.5 29.3#

277 69.8 19.4 29.0#

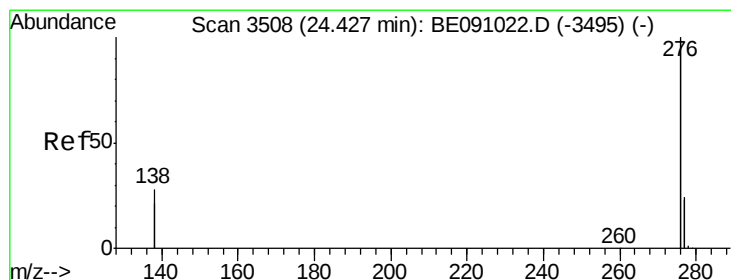
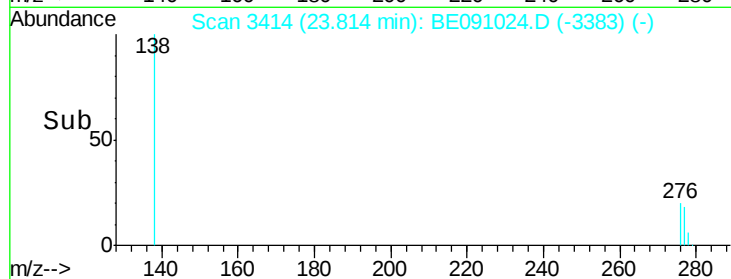
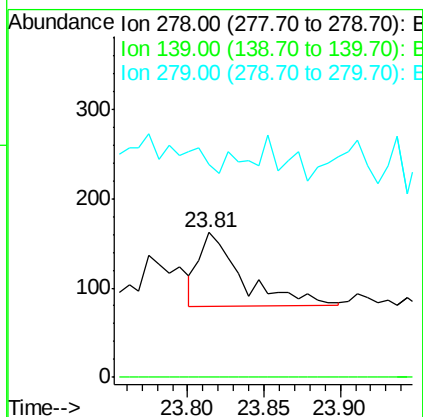
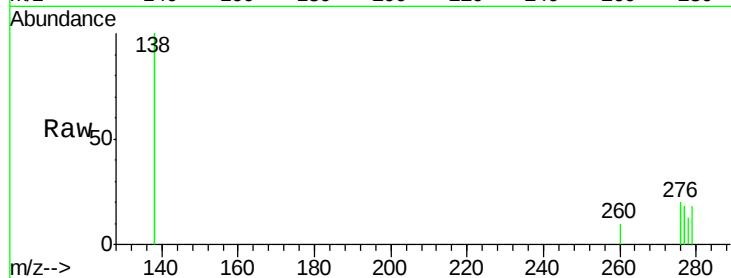




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 23.81 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BE091024.D
Acq: 19 Oct 2015 17:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 164
Ion Ratio Lower Upper
278 100
139 0.0 0.0 0.0
279 146.9 22.1 33.1#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 24.43 min Scan# 3508
Delta R.T. -0.00 min
Lab File: BE091024.D
Acq: 19 Oct 2015 17:16

Tgt Ion:276 Resp: 1260
Ion Ratio Lower Upper
276 100
277 81.3 19.8 29.8#
138 468.5 29.4 44.2#

