

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101515\
 Data File : BE091015.D
 Acq On : 15 Oct 2015 10:38
 Operator : UM/IZ
 Sample : PB86030BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SBLK30

Quant Time: Oct 15 18:19:29 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	6.95	152	6101	0.40	ng/ul	0.00
2) Naphthalene-d8	9.62	136	26940	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.44	164	15323	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.16	188	38700	0.40	ng/ul	0.00
16) Chrysene-d12	20.31	240	52557	0.40	ng/ul	0.00
20) Perylene-d12	22.22	264	53743	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.12	152	11290	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.15	212	36528	0.40	ng/ul	0.00

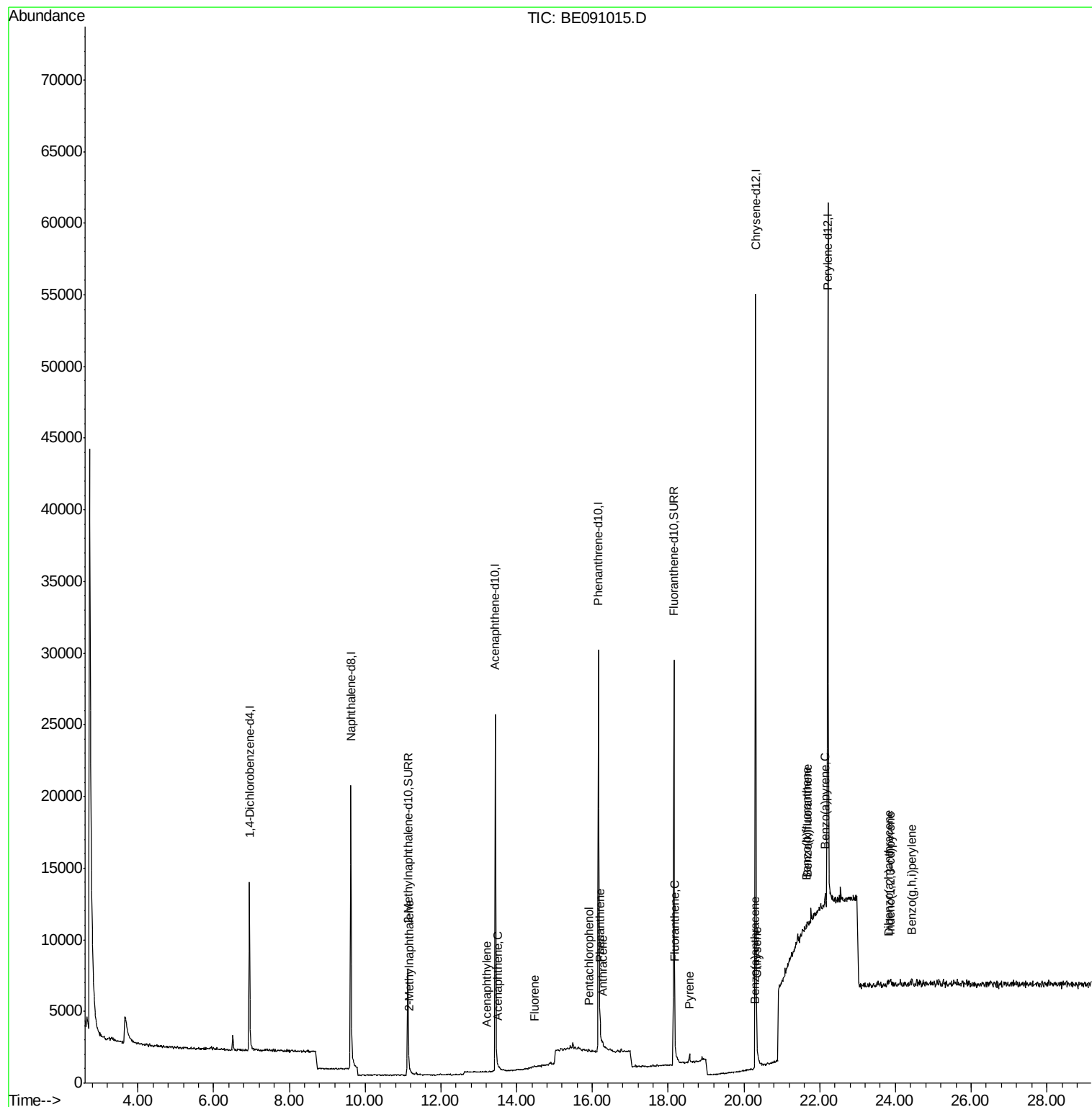
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	11.16	142	16	0.00	ng/ul	99
7) Acenaphthylene	13.20	152	18	0.00	ng/ul#	1
8) Acenaphthene	13.51	153	24	0.00	ng/ul#	64
9) Fluorene	14.48	166	86	0.00	ng/ul#	34
11) Pentachlorophenol	15.92	266	27	0.01	ng/ul#	27
12) Phenanthrene	16.20	178	1903	0.01	ng/ul#	41
13) Anthracene	16.27	178	629	0.00	ng/ul#	1
15) Fluoranthene	18.18	202	892	0.00	ng/ul#	1
17) Pyrene	18.56	202	689	0.00	ng/ul#	1
18) Benzo(a)anthracene	20.28	228	94	0.00	ng/ul#	1
19) Chrysene	20.34	228	152	0.00	ng/ul#	1
21) Benzo(b)fluoranthene	21.65	252	242	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	21.68	252	115	0.00	ng/ul#	1
23) Benzo(a)pyrene	22.14	252	293	0.00	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	23.88	276	595	0.00	ng/ul#	55
25) Dibenzo(a,h)anthracene	23.83	278	153	0.00	ng/ul#	1
26) Benzo(a,h,i)perylene	24.43	276	699	0.00	ng/ul#	1

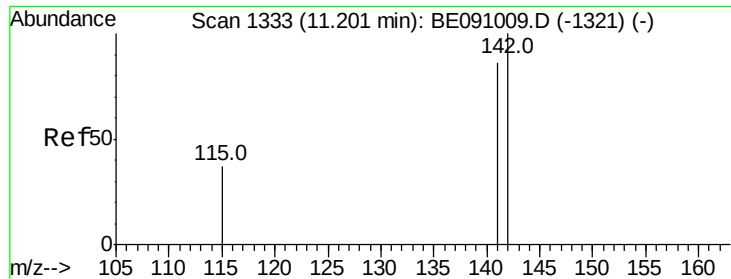
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 11.16 min Scan# 1324

Delta R.T. -0.04 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampled :

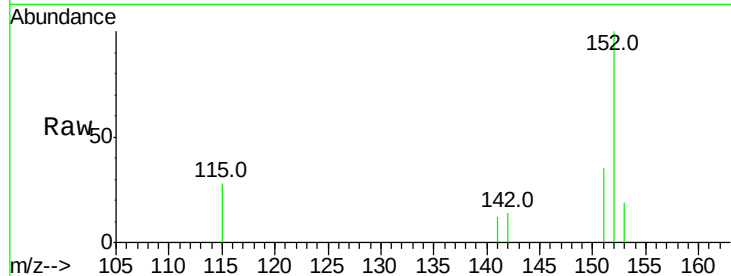
SBLK30

Tot Ion:142 Resp: 16

Ion Ratio Lower Upper

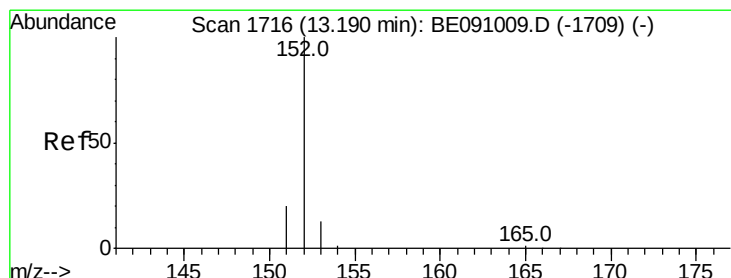
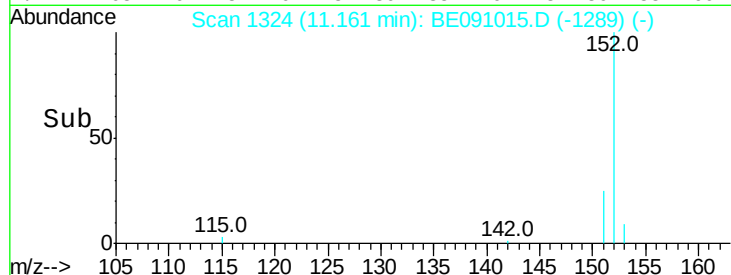
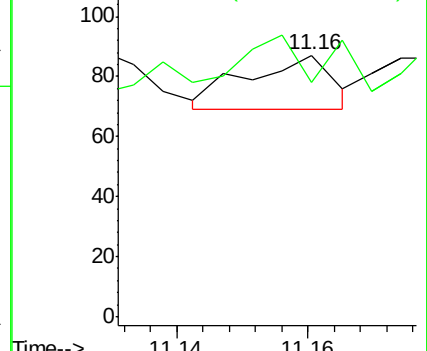
142 100

141 100.0 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: 13.20 min Scan# 1717

Delta R.T. 0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

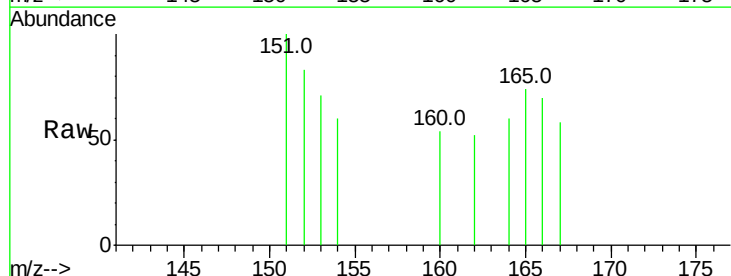
Tgt Ion:152 Resp: 18

Ion Ratio Lower Upper

152 100

151 120.2 16.6 24.8#

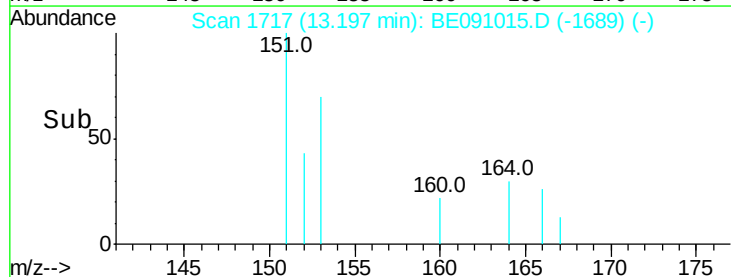
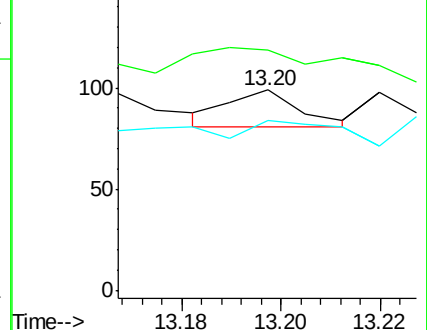
153 84.8 10.7 16.1#

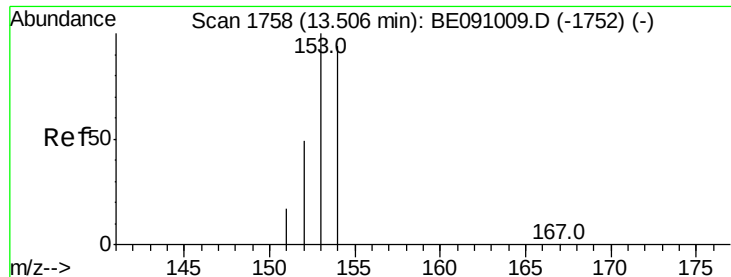


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 13.51 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

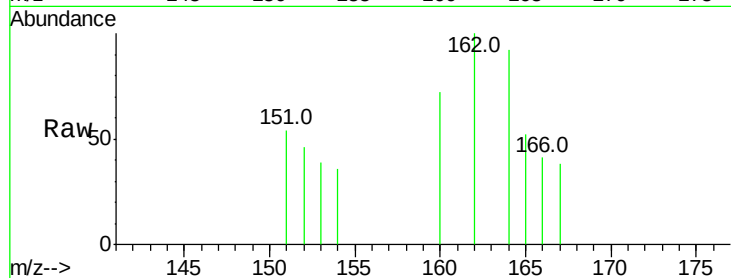
Tot Ion:153 Resp: 24

Ion Ratio Lower Upper

153 100

152 118.6 39.8 59.8#

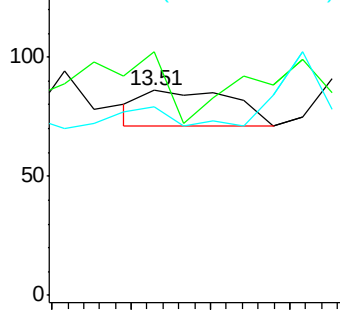
154 91.9 75.4 113.2



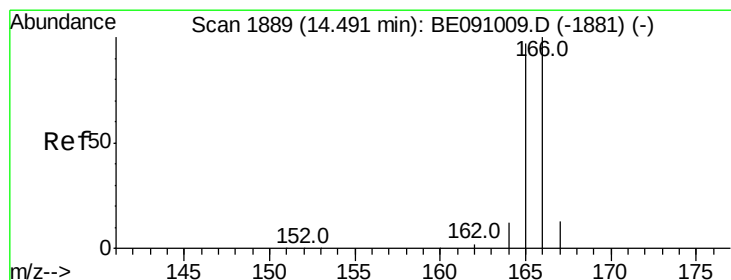
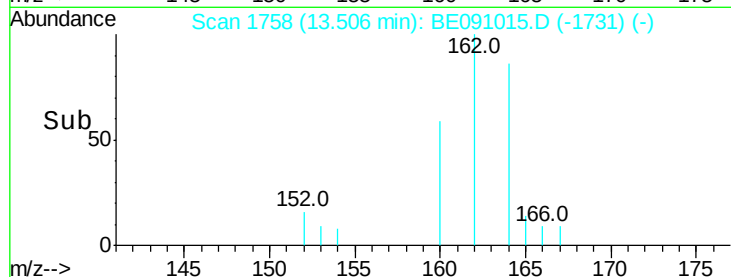
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 13.48 13.50 13.52 13.54



#9

Fluorene

Concen: 0.00 ng/ul

RT: 14.48 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

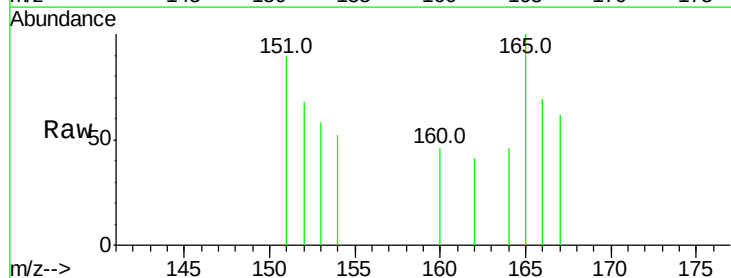
Tgt Ion:166 Resp: 86

Ion Ratio Lower Upper

166 100

165 145.1 77.7 116.5#

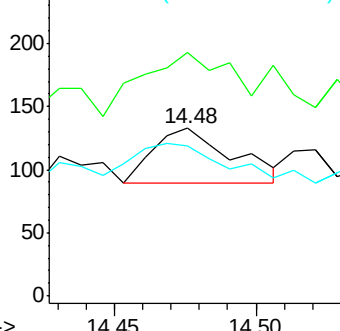
167 89.5 10.9 16.3#



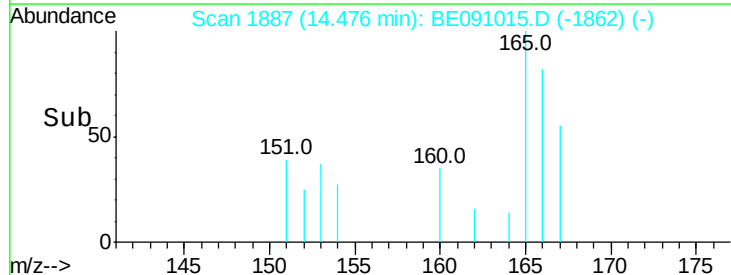
Abundance Ion 166.00 (165.70 to 166.70): E

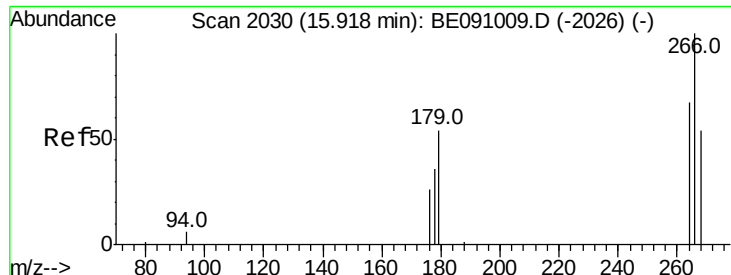
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 14.45 14.50

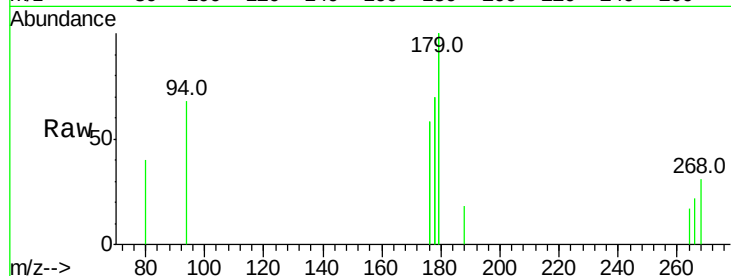




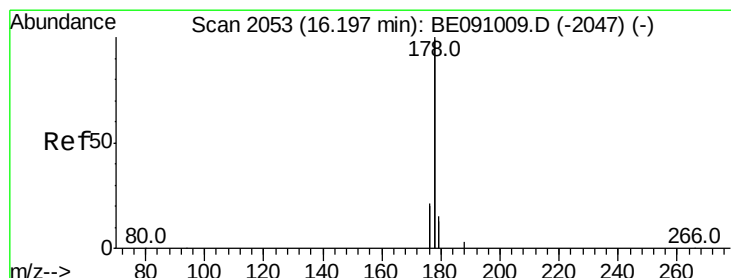
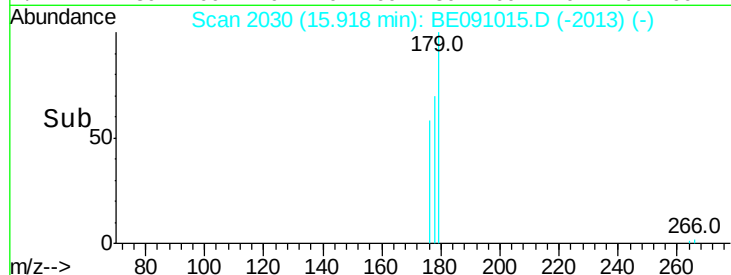
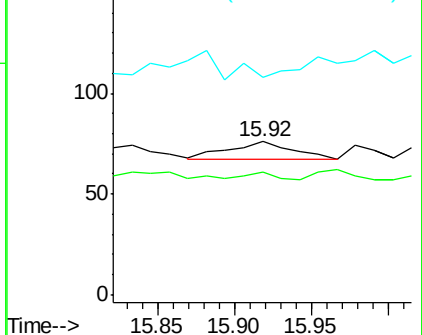
#11
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 15.92 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BE091015.D
 Acq: 15 Oct 2015 10:38

Instrument :
 BNA_E
 ClientSampleId :
 SBLK30

Tot Ion:266 Resp: 27
 Ion Ratio Lower Upper
 266 100
 264 18.5 50.7 76.1#
 268 0.0 57.6 86.4#

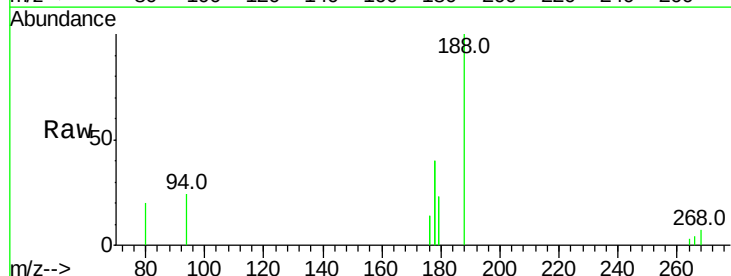


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

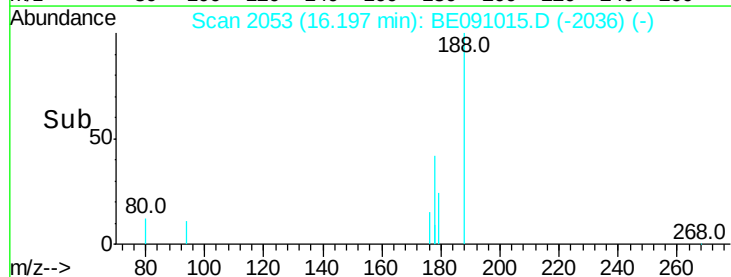
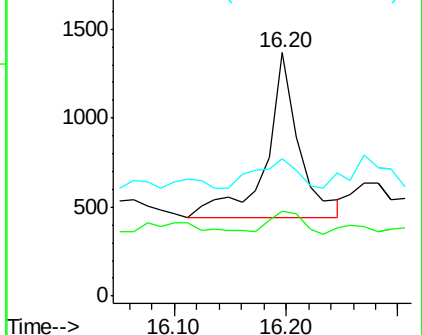


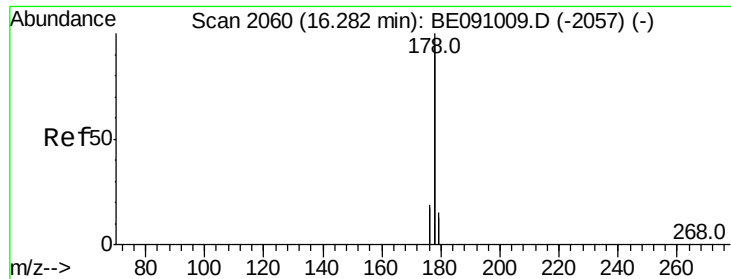
#12
 Phenanthrene
 Concen: 0.01 ng/ul
 RT: 16.20 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BE091015.D
 Acq: 15 Oct 2015 10:38

Tgt Ion:178 Resp: 1903
 Ion Ratio Lower Upper
 178 100
 176 34.8 16.9 25.3#
 179 56.6 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: 16.27 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

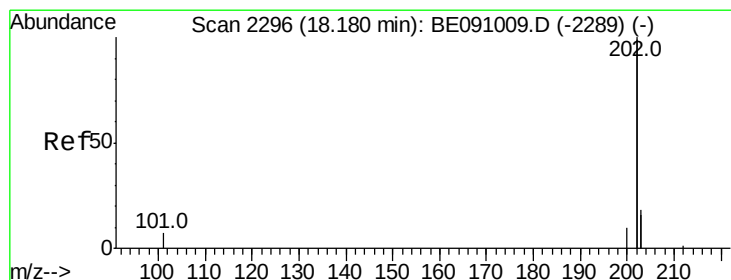
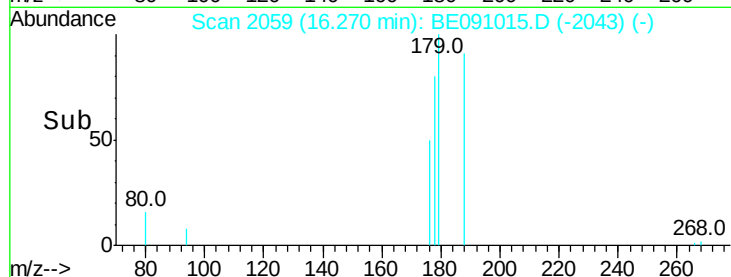
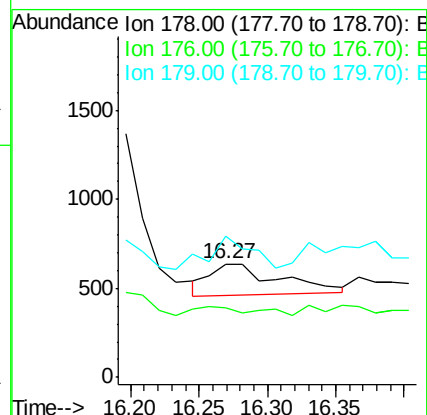
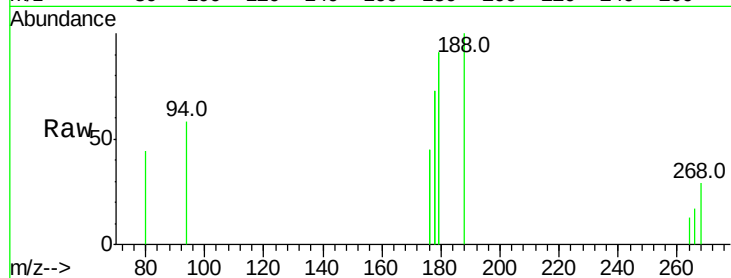
Tot Ion:178 Resp: 629

Ion Ratio Lower Upper

178 100

176 61.9 14.9 22.3#

179 124.8 12.3 18.5#



#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 18.18 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

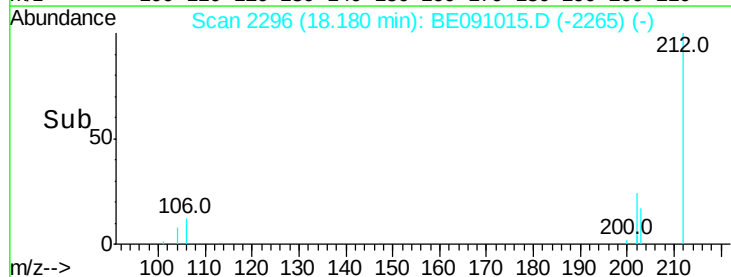
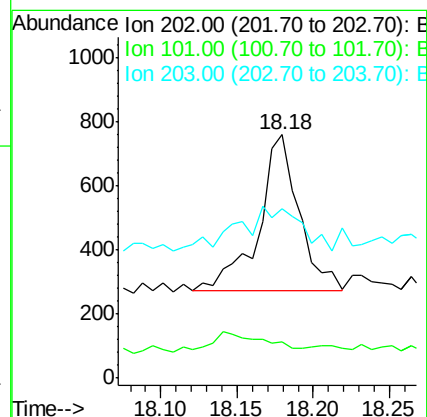
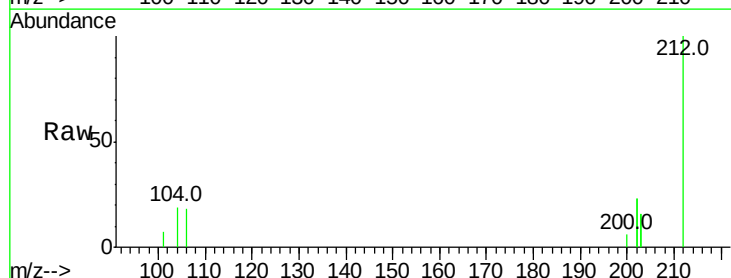
Tgt Ion:202 Resp: 892

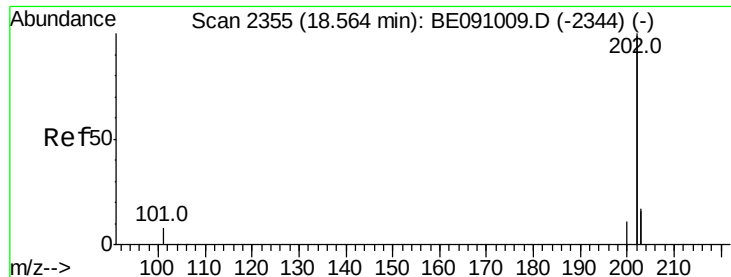
Ion Ratio Lower Upper

202 100

101 14.7 0.0 23.7

203 69.5 0.0 37.5#

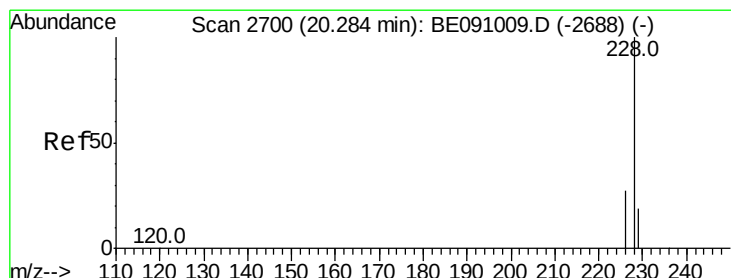
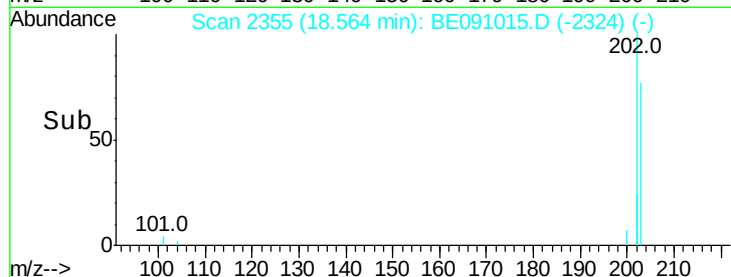
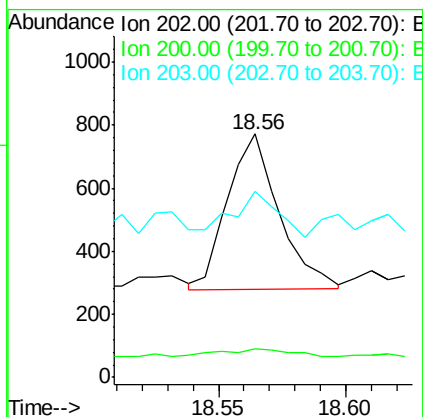
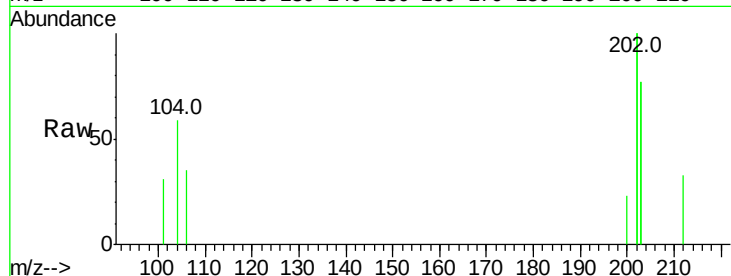




#17
Pvrene
Concen: 0.00 ng/ul
RT: 18.56 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BE091015.D
Acq: 15 Oct 2015 10:38

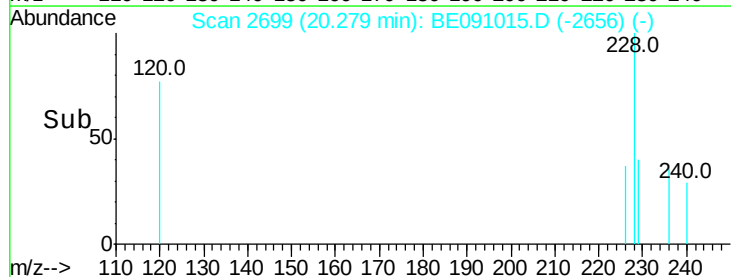
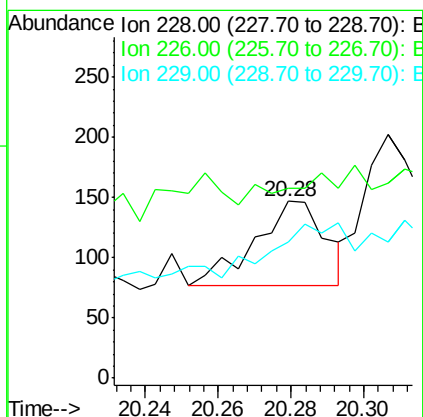
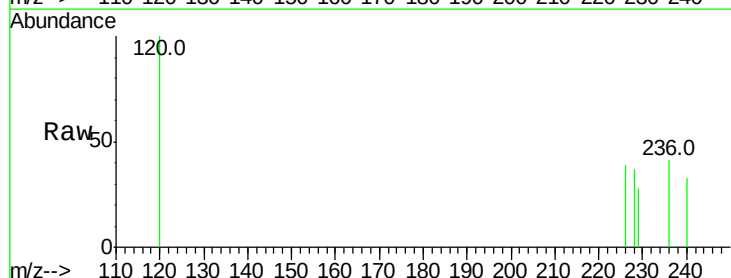
Instrument :
BNA_E
ClientSampleId :
SBLK30

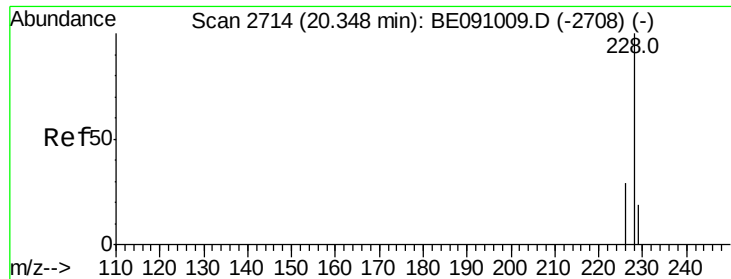
Tot Ion:202 Resp: 689
Ion Ratio Lower Upper
202 100
200 11.7 4.3 6.5#
203 76.7 13.9 20.9#



#18
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 20.28 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BE091015.D
Acq: 15 Oct 2015 10:38

Tgt Ion:228 Resp: 94
Ion Ratio Lower Upper
228 100
226 107.5 22.1 33.1#
229 76.9 15.8 23.6#





#19

Chrysene

Concen: 0.00 ng/ul

RT: 20.34 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

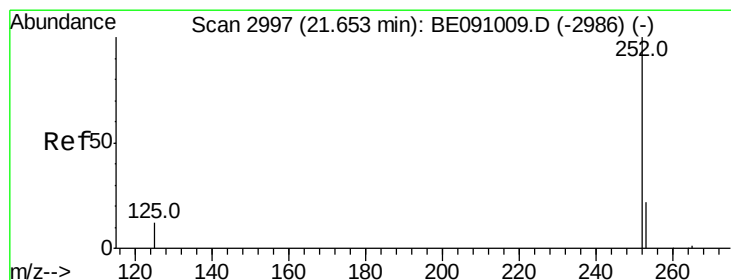
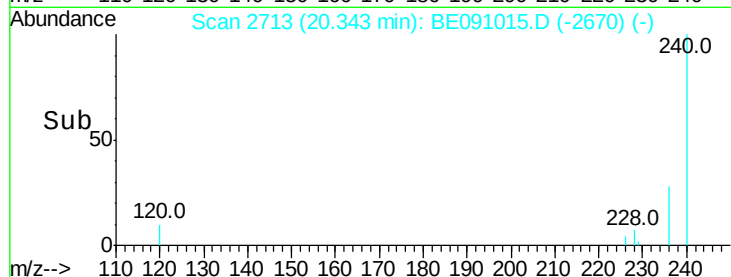
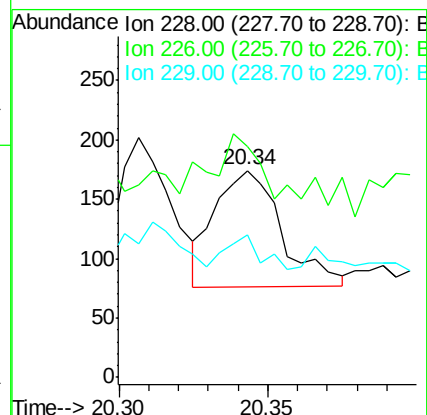
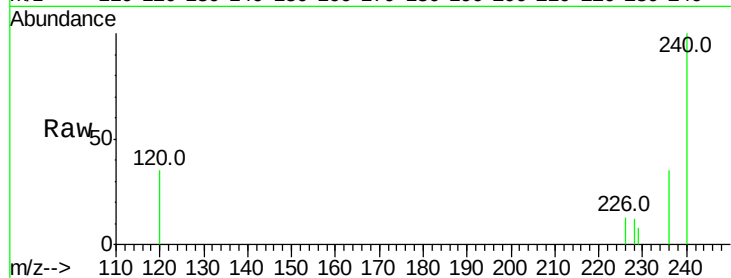
Tot Ion:228 Resp: 152

Ion Ratio Lower Upper

228 100

226 111.5 23.6 35.4#

229 69.0 15.8 23.8#



#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

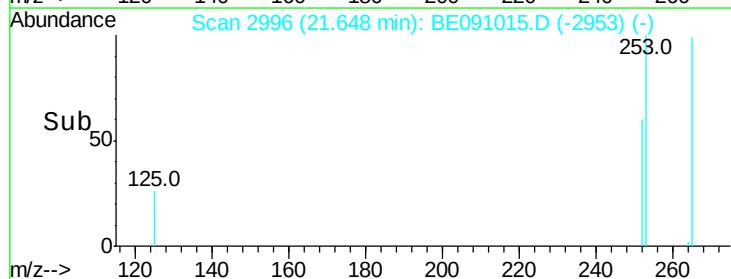
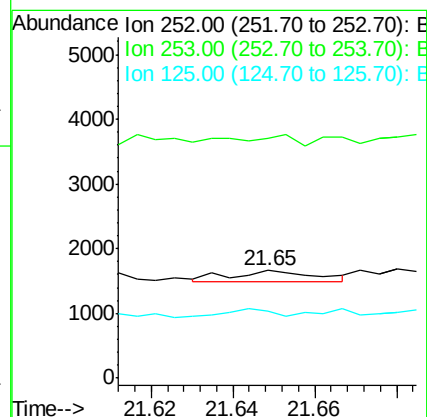
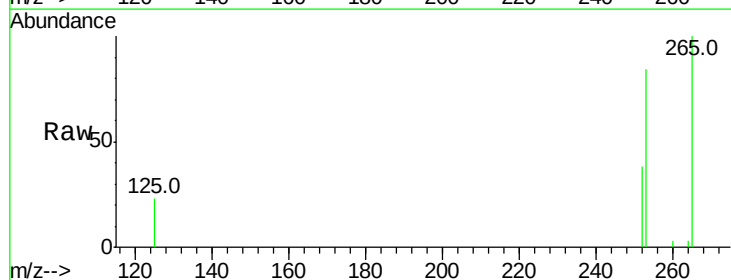
Tgt Ion:252 Resp: 242

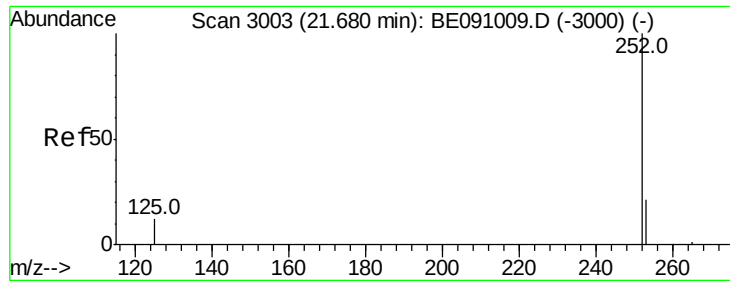
Ion Ratio Lower Upper

252 100

253 222.9 0.0 76.2#

125 61.6 0.0 31.2#





#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 21.68 min Scan# 3003

Delta R.T. 0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

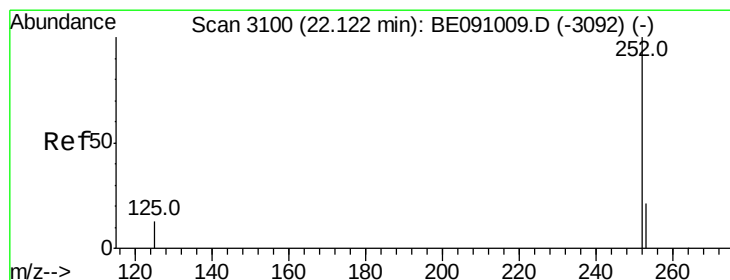
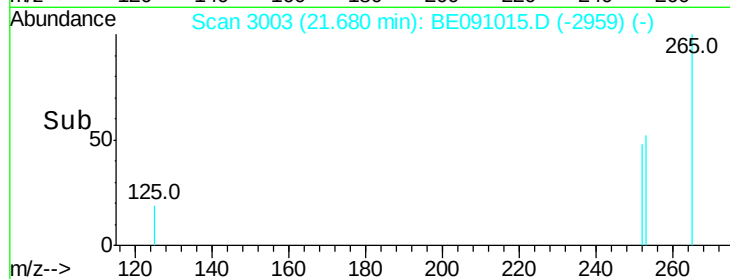
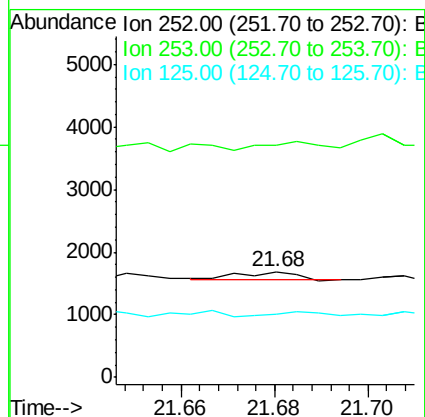
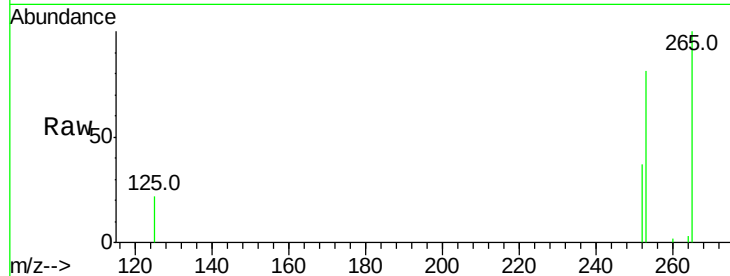
Tot Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 220.3 29.8 44.6#

125 60.1 12.2 18.4#



#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 22.14 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

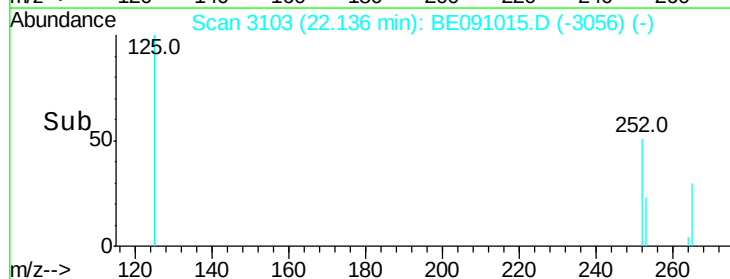
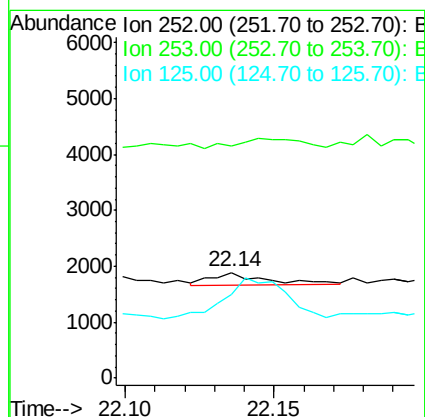
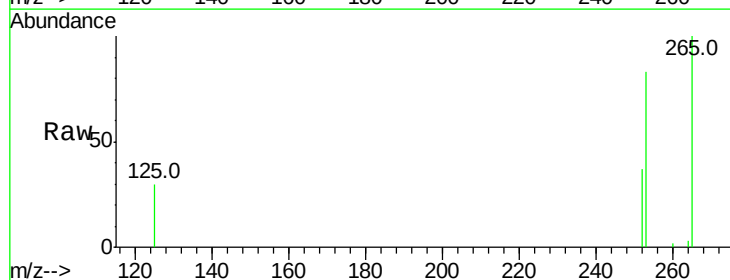
Tgt Ion:252 Resp: 293

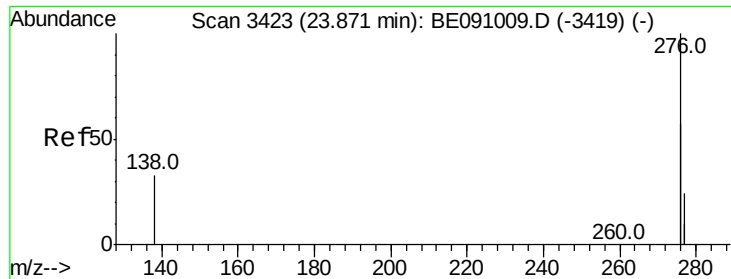
Ion Ratio Lower Upper

252 100

253 220.6 34.0 51.0#

125 78.8 13.6 20.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 23.88 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

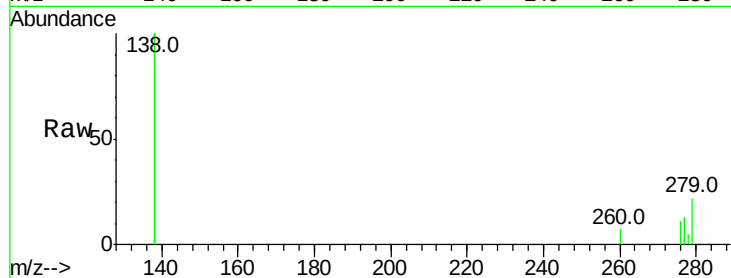
Tot Ion:276 Resp: 595

Ion Ratio Lower Upper

276 100

138 49.2 19.5 29.3#

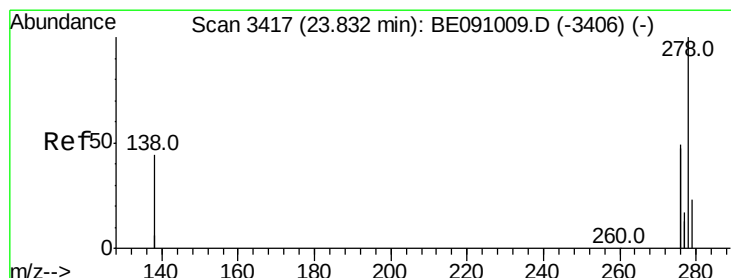
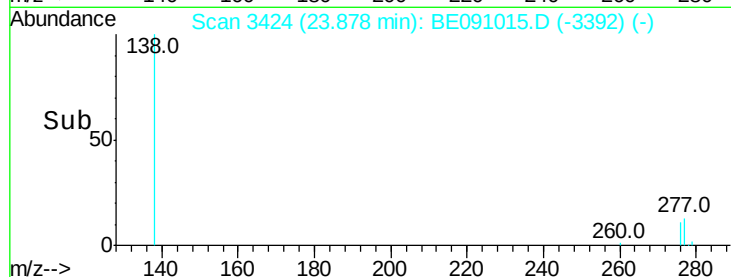
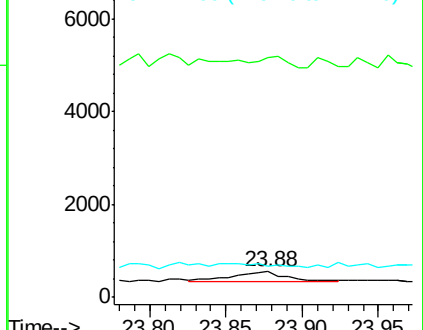
277 44.4 19.4 29.0#



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: 0.00 ng/ul

RT: 23.83 min Scan# 3417

Delta R.T. -0.00 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

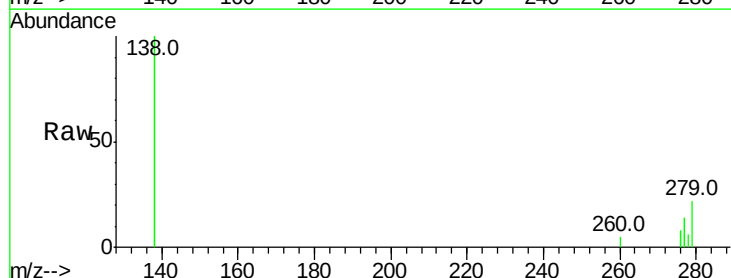
Tgt Ion:278 Resp: 153

Ion Ratio Lower Upper

278 100

139 0.0 0.0 0.0

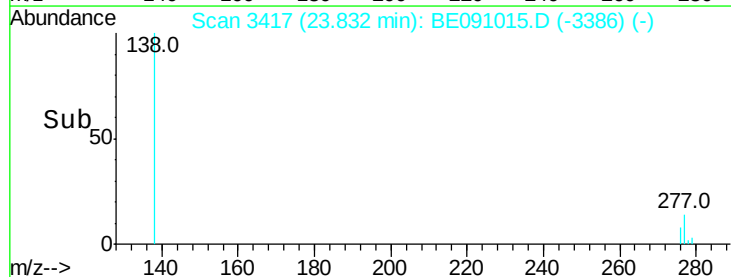
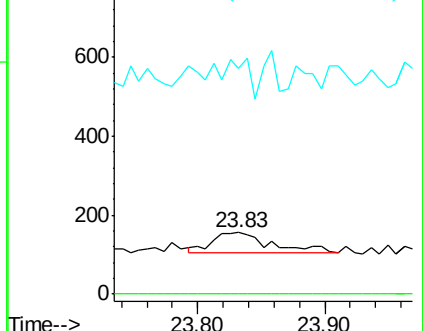
279 366.7 22.1 33.1#

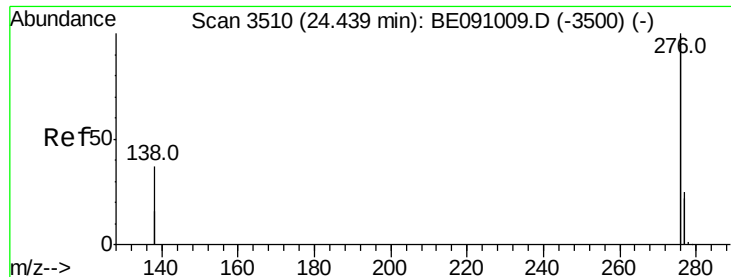


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 24.43 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BE091015.D

Acq: 15 Oct 2015 10:38

Instrument :

BNA_E

ClientSampleId :

SBLK30

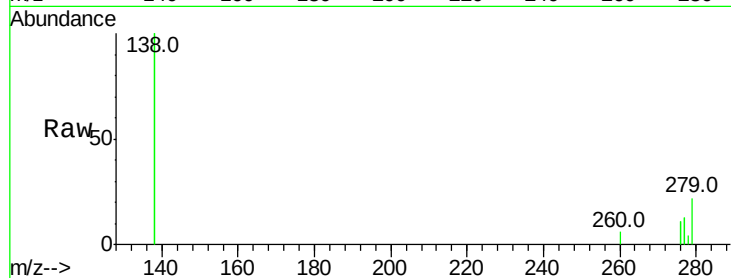
Tot Ion:276 Resp: 699

Ion Ratio Lower Upper

276 100

277 113.9 19.8 29.8#

138 880.6 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

