

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091594.D
 Acq On : 1 Apr 2016 17:29
 Operator : UM/SJ
 Sample : PB89409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89409BS

Quant Time: Apr 01 23:50:51 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 18:45:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	40944	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	198295	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	124641	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	297430	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	374925	5.00	ng	-0.02
28) Perylene-d12	23.77	264	344400	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	55883	5.21	ng	-0.01
5) Phenol-d6	6.97	99	85941	5.93	ng	-0.02
7) Nitrobenzene-d5	8.96	82	39745	2.99	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	34231	6.20	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	122487	3.46	ng	-0.02
24) Terphenyl-d14	19.78	244	206531	4.34	ng	0.00

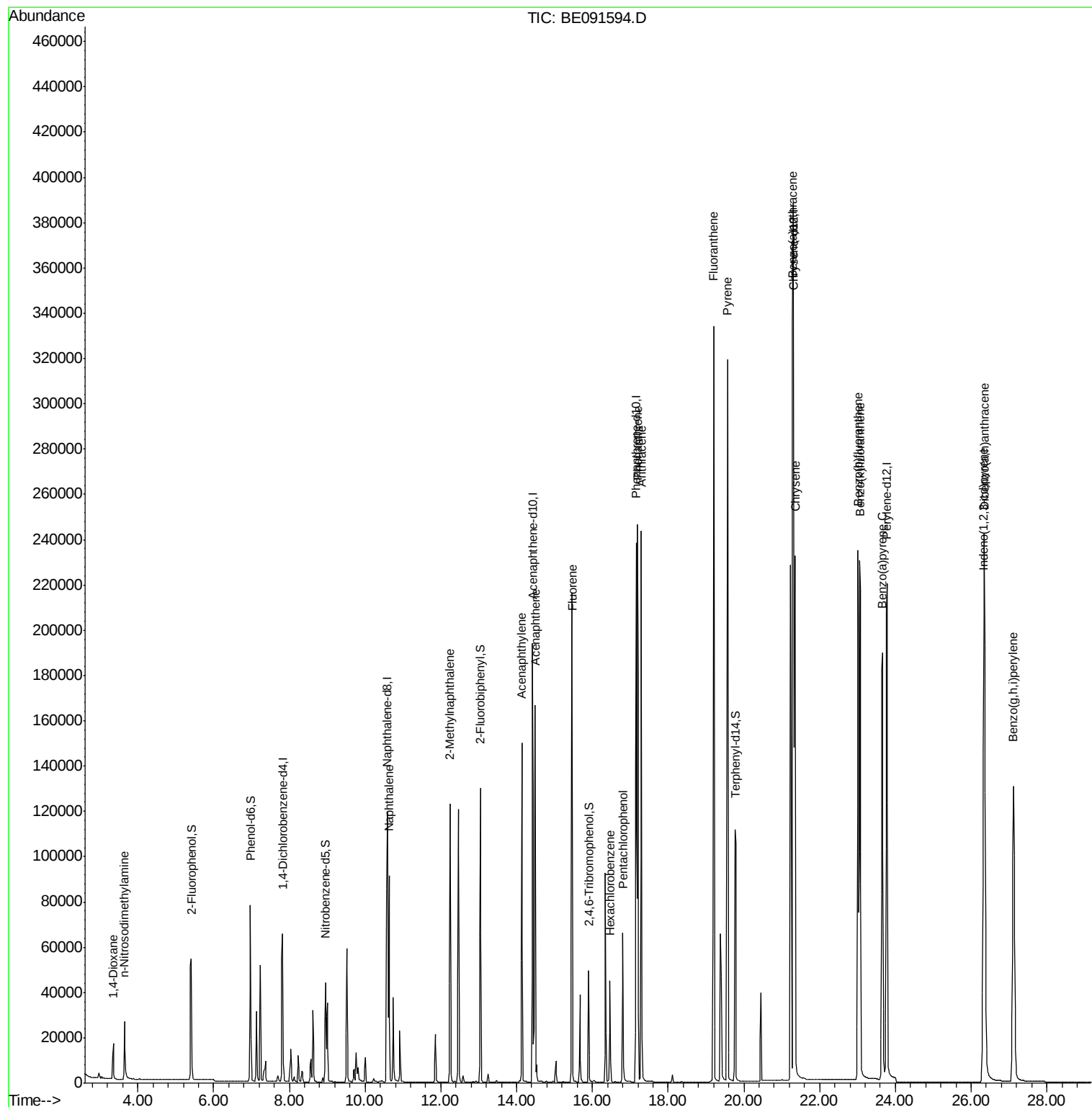
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	12858	2.63	ng	91
3) n-Nitrosodimethylamine	3.65	42	20891	2.81	ng	96
8) Naphthalene	10.63	128	126332	3.08	ng	97
9) 2-Methylnaphthalene	12.24	142	95750	3.58	ng	# 85
13) Acenaphthylene	14.14	152	181563	3.61	ng	100
14) Acenaphthene	14.49	154	115752	3.76	ng	96
15) Fluorene	15.47	166	148063	3.73	ng	100
17) Hexachlorobenzene	16.46	284	43082	3.94	ng	99
18) Pentachlorophenol	16.81	266	51596	8.39	ng	86
19) Phenanthrene	17.19	178	272188	3.91	ng	99
20) Anthracene	17.29	178	262919	4.09	ng	100
21) Fluoranthene	19.21	202	329970	4.02	ng	99
23) Pvrene	19.57	202	349453	4.57	ng	99
25) Benzo(a)anthracene	21.29	228	363642m	4.13	ng	
26) Chrysene	21.36	228	317500m	4.22	ng	
27) Indeno(1,2,3-cd)pyrene	26.33	276	371584	4.28	ng	99
29) Benzo(b)fluoranthene	23.01	252	337738	4.04	ng	96
30) Benzo(k)fluoranthene	23.06	252	356427m	4.41	ng	
31) Benzo(a)pvrene	23.66	252	325661	4.27	ng	# 95
32) Dibenzo(a,h)anthracene	26.35	278	311835	4.16	ng	98
33) Benzo(g,h,i)perylene	27.12	276	316768	4.14	ng	99

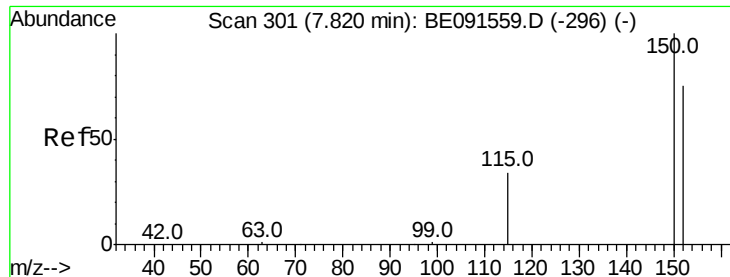
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

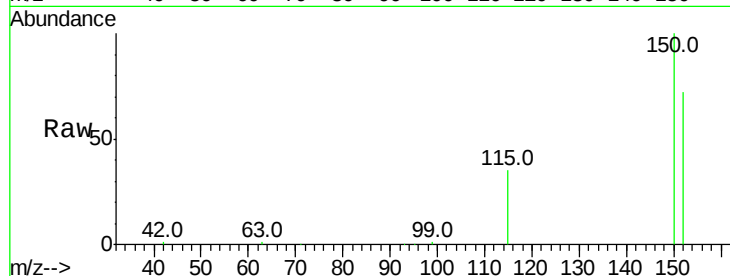
Tot Ion:152 Resp: 40944

Ion Ratio Lower Upper

152 100

150 138.6 122.2 183.2

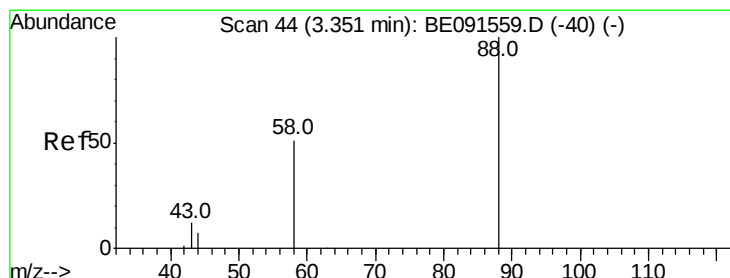
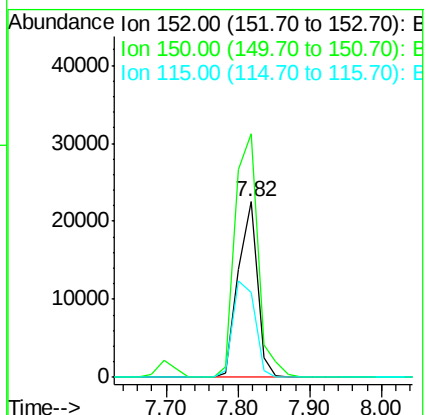
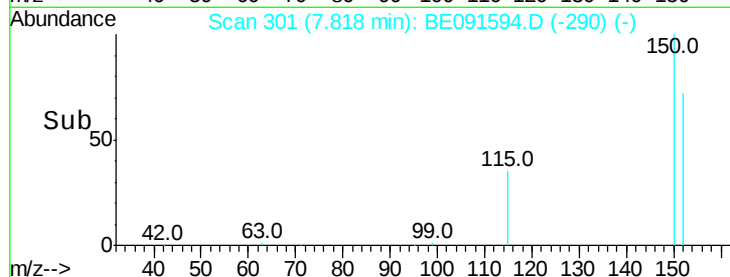
115 48.3 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.63 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

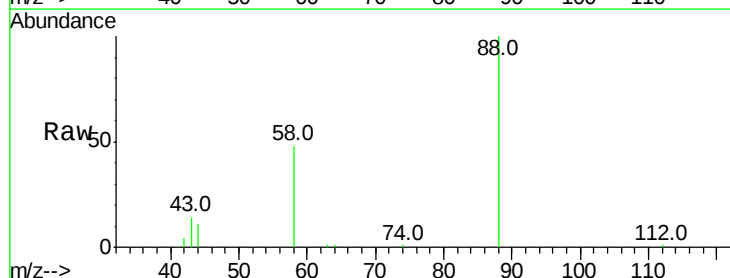
Tgt Ion: 88 Resp: 12858

Ion Ratio Lower Upper

88 100

58 83.7 61.0 91.6

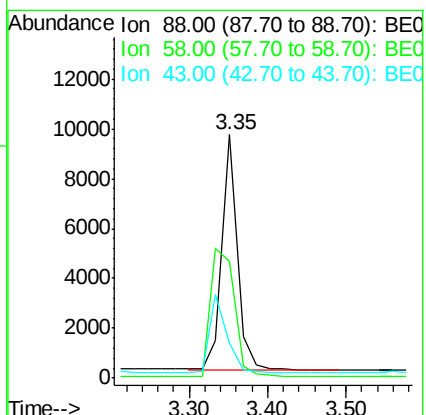
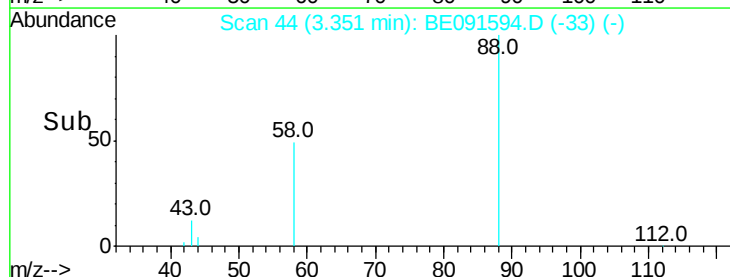
43 37.2 25.4 38.2

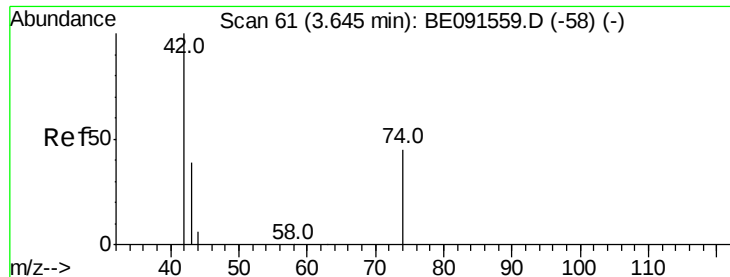


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



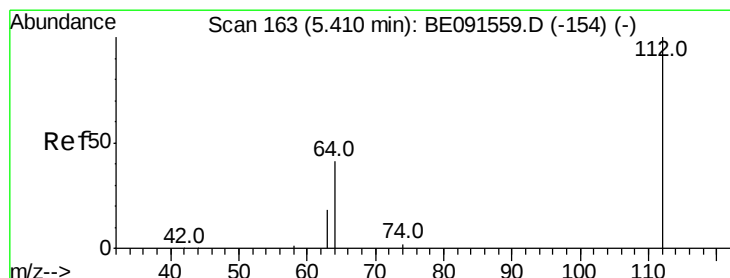
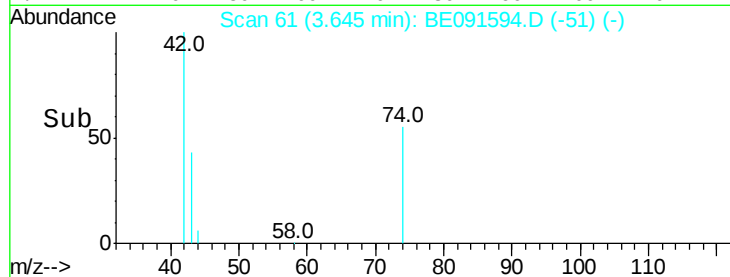
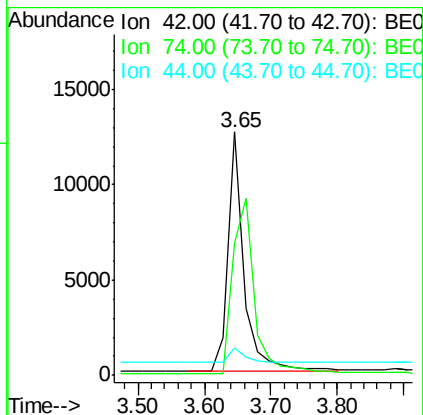
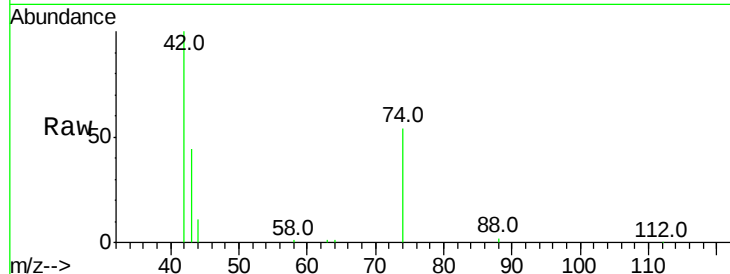


#3

n-Nitrosodimethylamine
 Concen: 2.81 ng
 RT: 3.65 min Scan# 61
 Delta R.T. -0.03 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

Instrument :
 BNA_E
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 PB89409BS

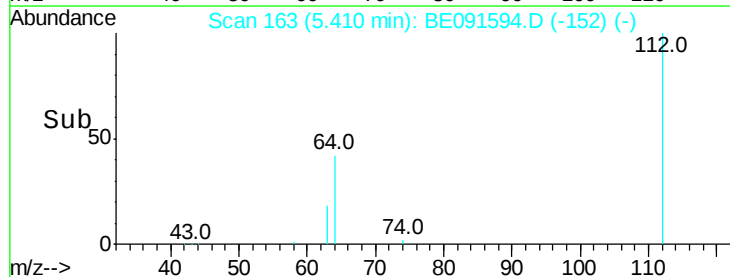
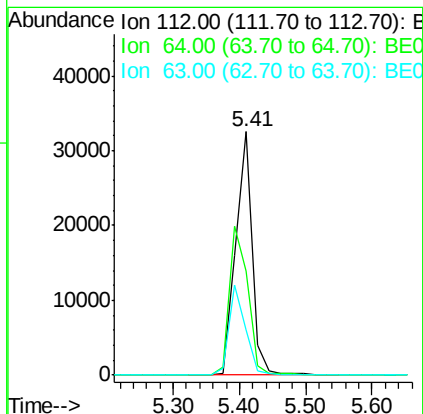
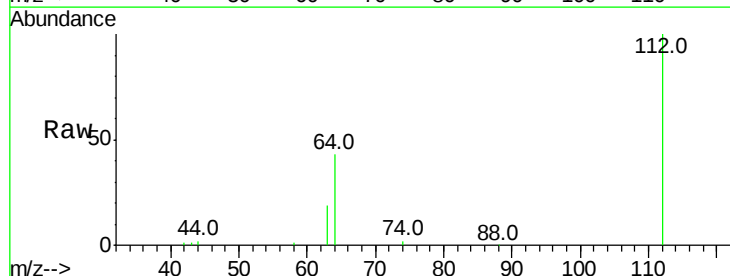
Tot Ion: 42 Resp: 20891
 Ion Ratio Lower Upper
 42 100
 74 101.4 84.3 126.5
 44 7.2 6.7 10.1

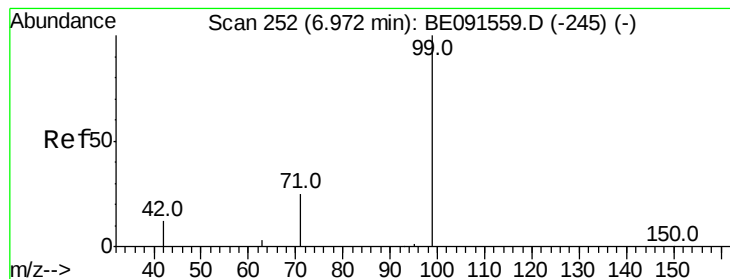


#4

2-Fluorophenol
 Concen: 5.21 ng
 RT: 5.41 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

Tgt Ion: 112 Resp: 55883
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.3 79.9
 63 36.6 29.8 44.8





#5

Phenol-d6

Concen: 5.93 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

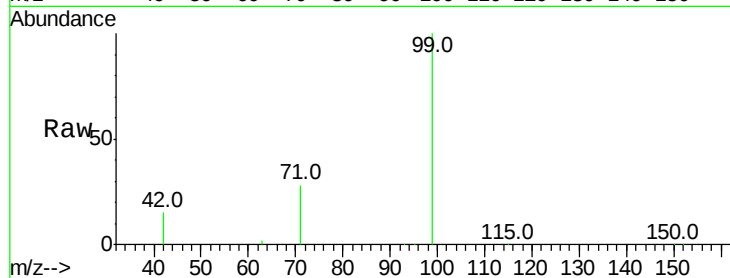
Tot Ion: 99 Resp: 85941

Ion Ratio Lower Upper

99 100

42 25.3 20.6 30.8

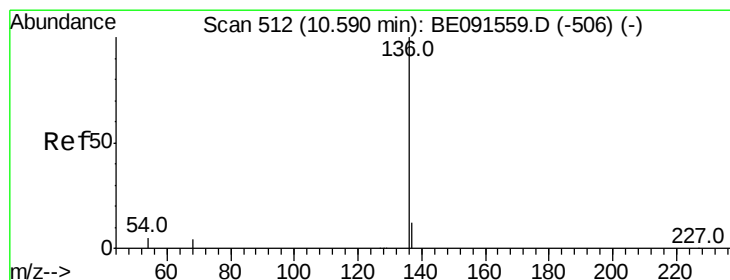
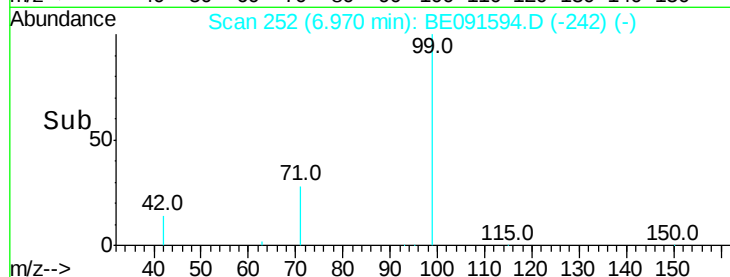
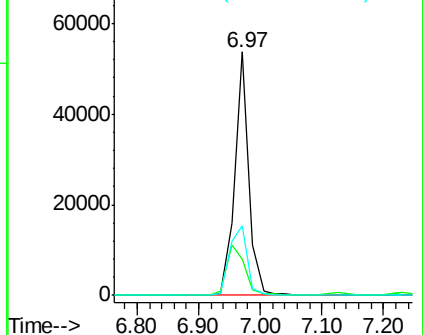
71 35.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Tgt Ion: 136 Resp: 198295

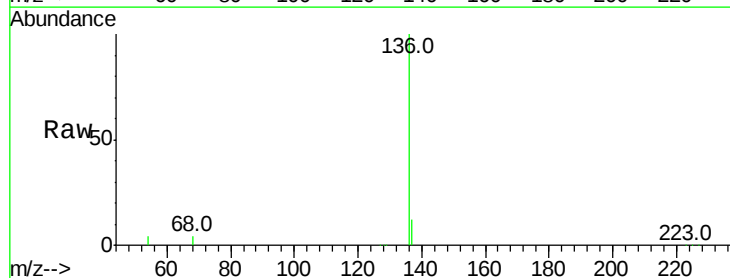
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.5 5.2 7.8#

68 3.7 4.1 6.1#

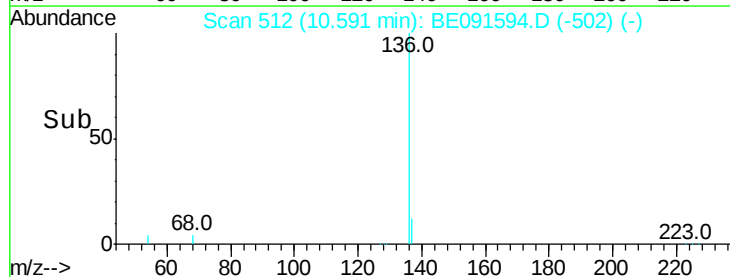
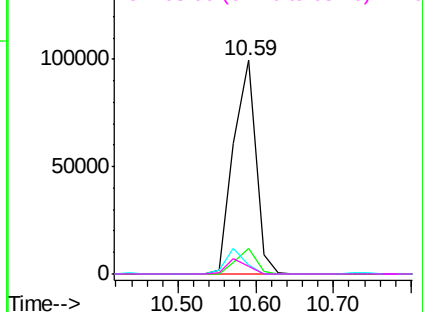


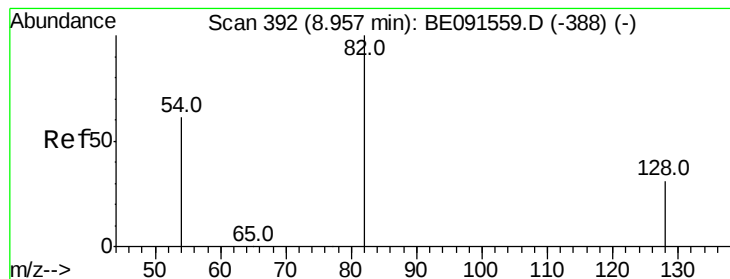
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 2.99 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

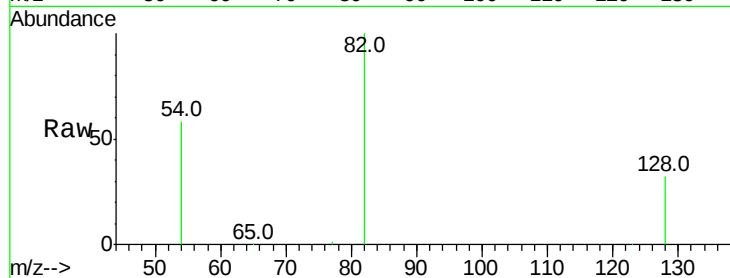
Tot Ion: 82 Resp: 39745

Ion Ratio Lower Upper

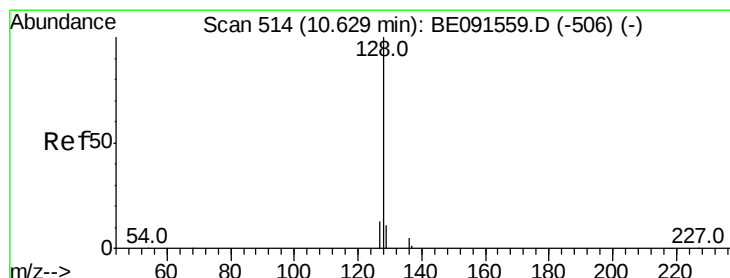
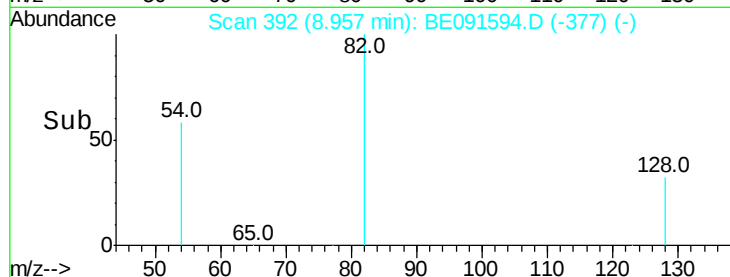
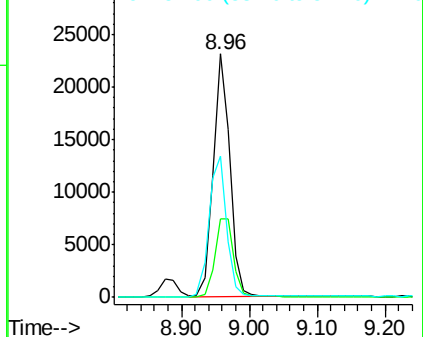
82 100

128 32.2 23.5 35.3

54 57.8 52.4 78.6



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#8

Naphthalene

Concen: 3.08 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

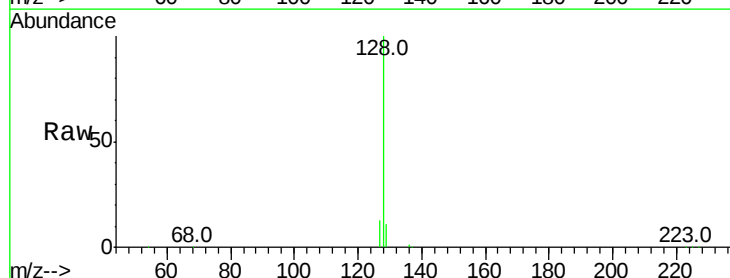
Tgt Ion: 128 Resp: 126332

Ion Ratio Lower Upper

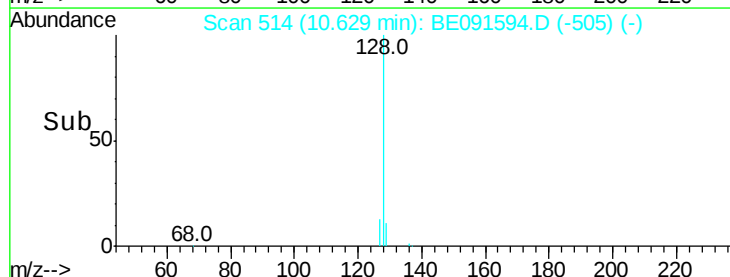
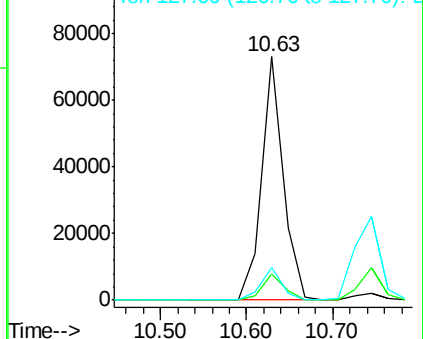
128 100

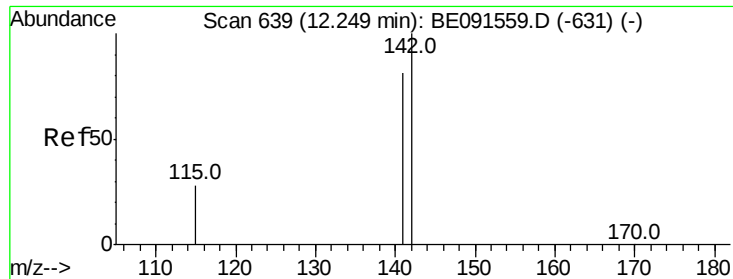
129 10.8 8.2 12.2

127 13.2 11.8 17.8



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





#9

2-Methylnaphthalene

Concen: 3.58 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

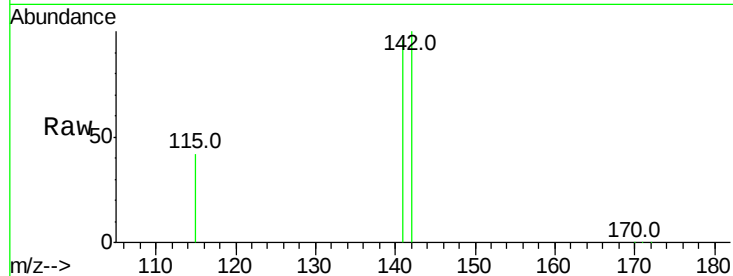
Tot Ion:142 Resp: 95750

Ion Ratio Lower Upper

142 100

141 96.4 66.9 100.3

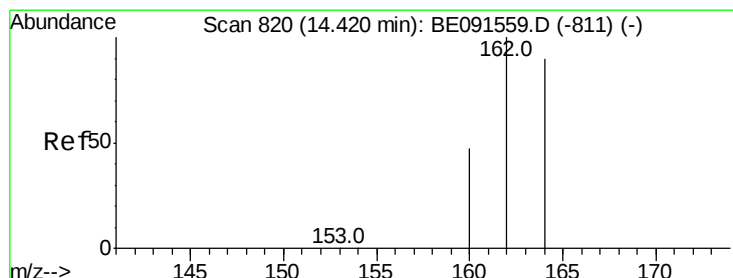
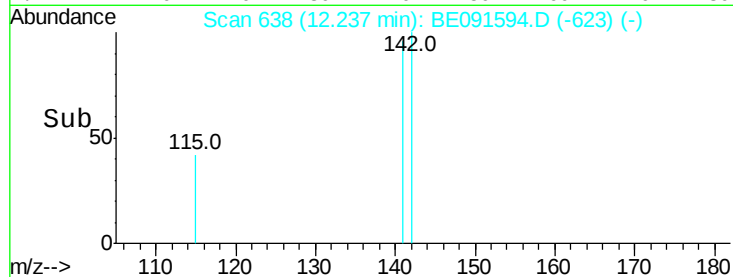
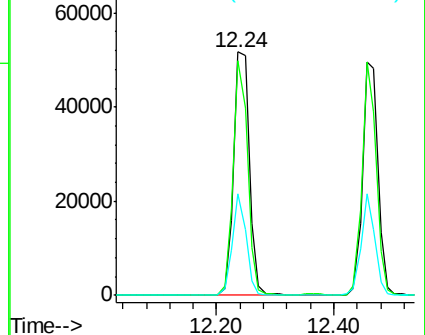
115 41.8 25.1 37.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.03 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

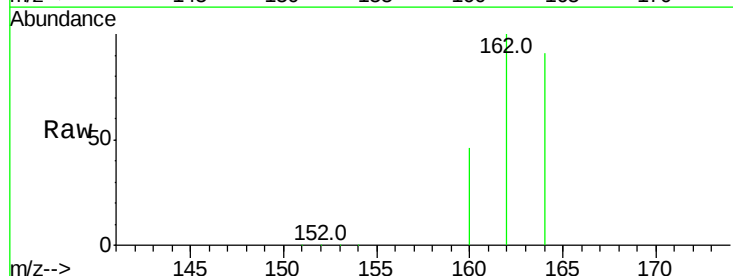
Tgt Ion:164 Resp: 124641

Ion Ratio Lower Upper

164 100

162 110.0 84.4 126.6

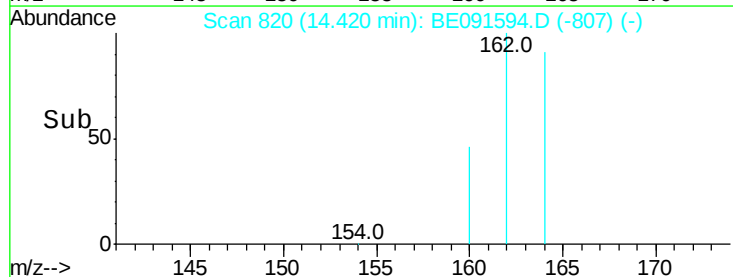
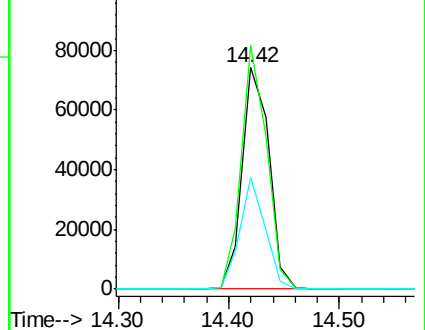
160 50.7 37.7 56.5

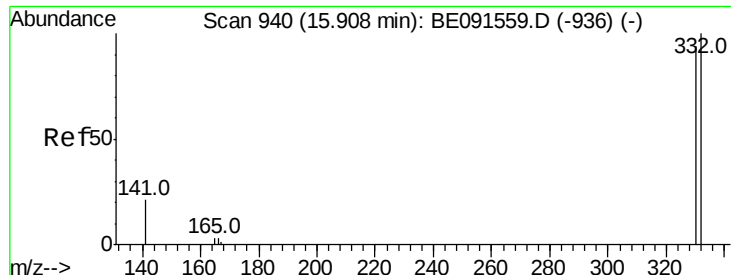


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

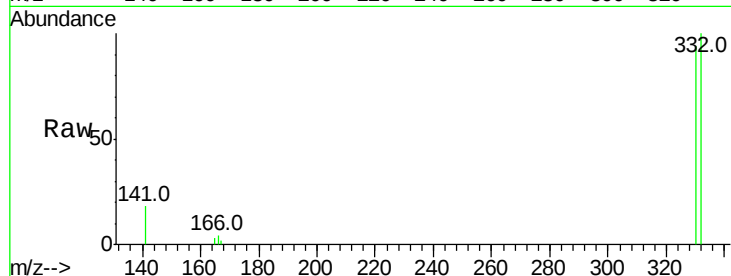




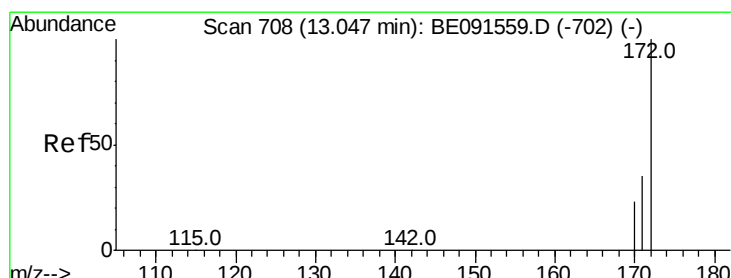
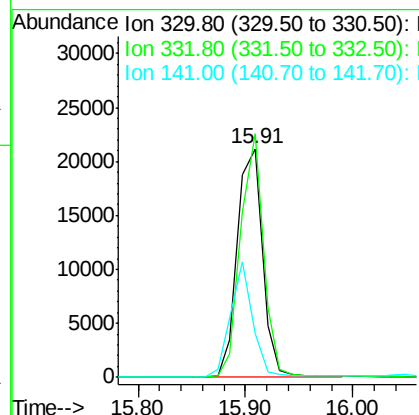
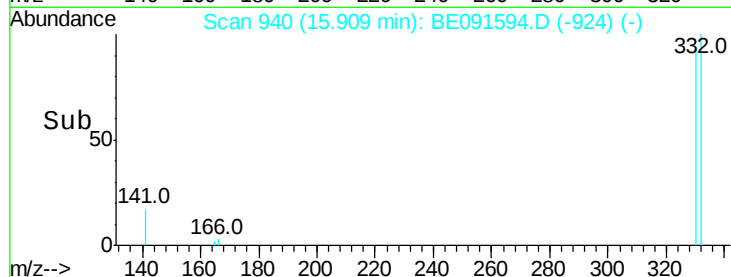
#11
 2,4,6-Tribromophenol
 Concen: 6.20 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

Instrument :
 BNA_E
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 PB89409BS

Tot Ion:330 Resp: 34231
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.2 118.8
 141 43.5 28.1 42.1#

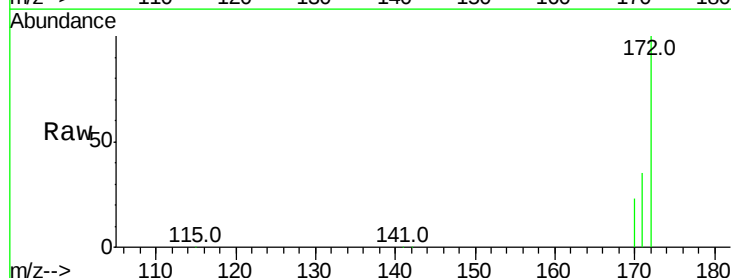


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

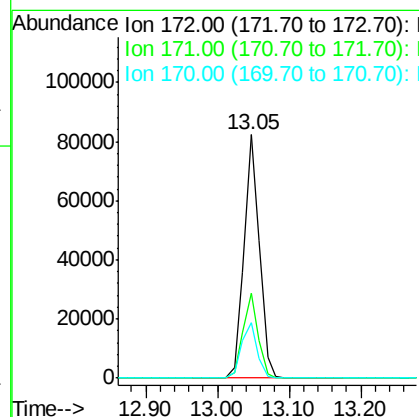
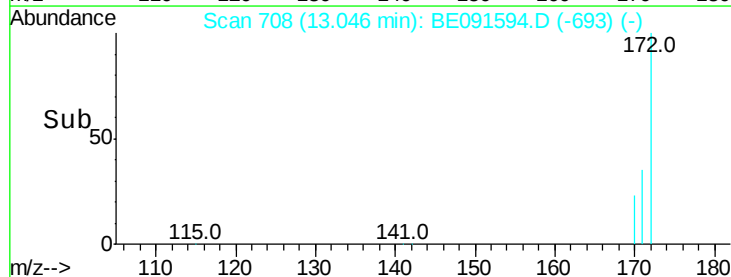


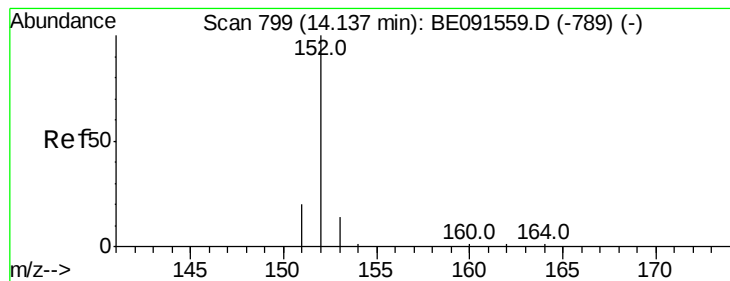
#12
 2-Fluorobiphenyl
 Concen: 3.46 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

Tgt Ion:172 Resp: 122487
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.8
 170 22.9 21.4 32.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#13

Acenaphthylene

Concen: 3.61 ng

RT: 14.14 min Scan# 799

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

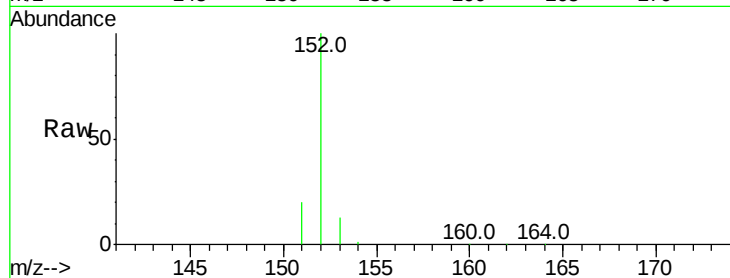
Tot Ion:152 Resp: 181563

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

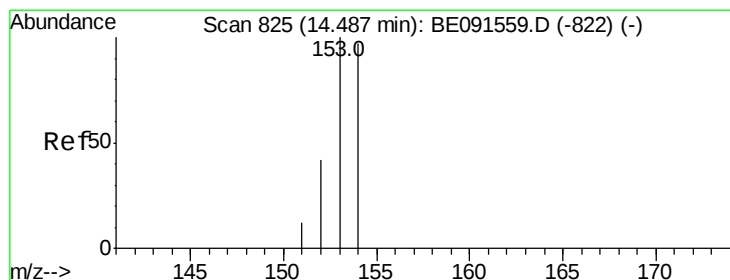
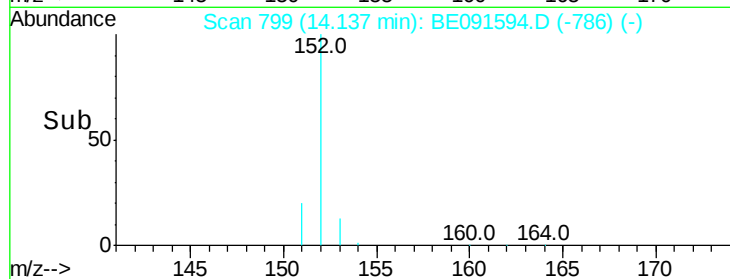
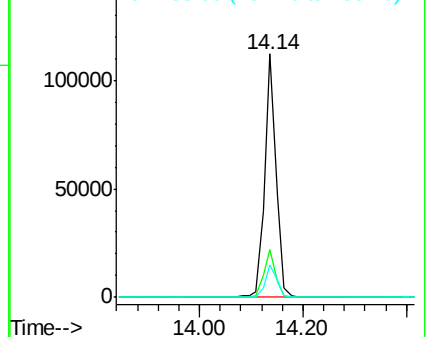
153 13.7 11.1 16.7



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



#14

Acenaphthene

Concen: 3.76 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

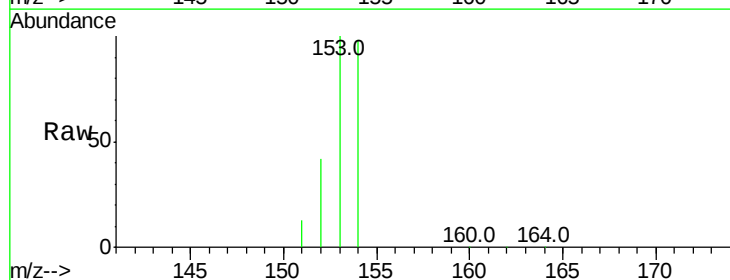
Tgt Ion:154 Resp: 115752

Ion Ratio Lower Upper

154 100

153 104.4 87.3 130.9

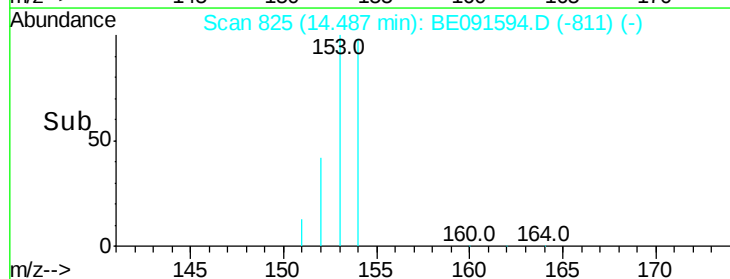
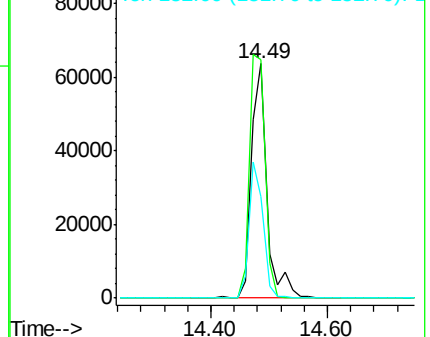
152 51.9 42.9 64.3

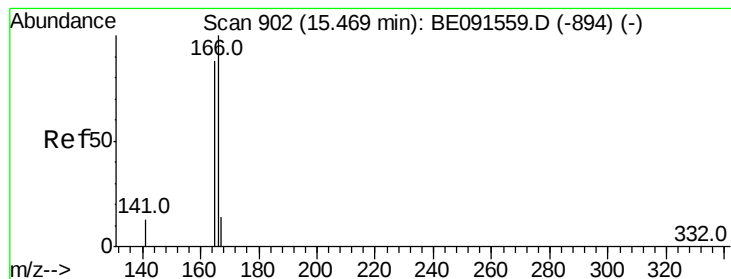


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 3.73 ng

RT: 15.47 min Scan# 902

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

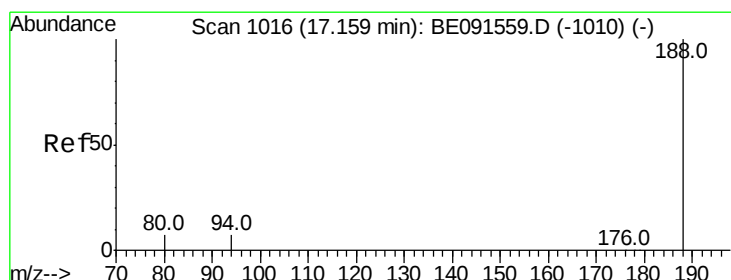
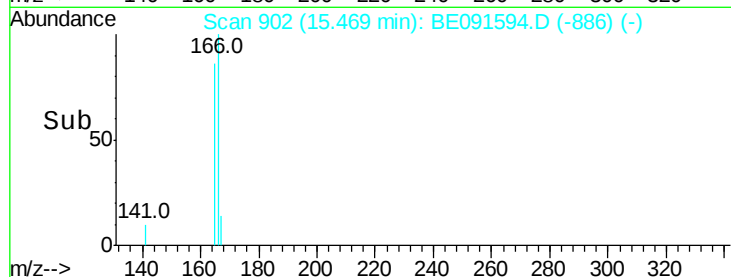
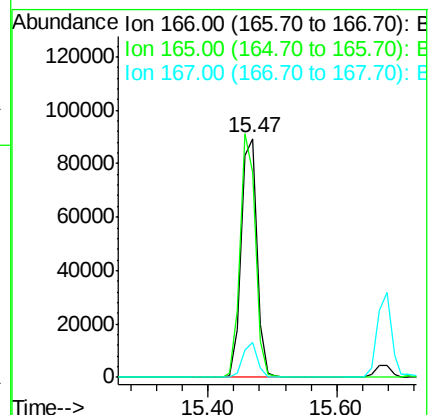
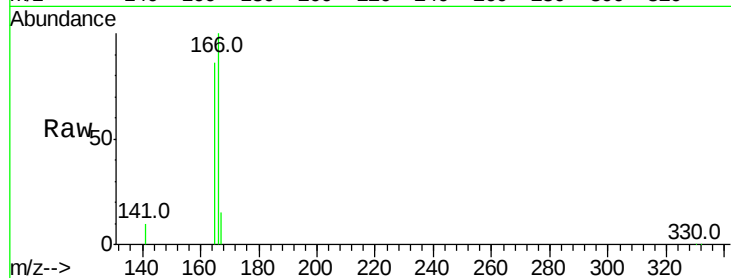
Tot Ion:166 Resp: 148063

Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

167 13.6 10.8 16.2



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

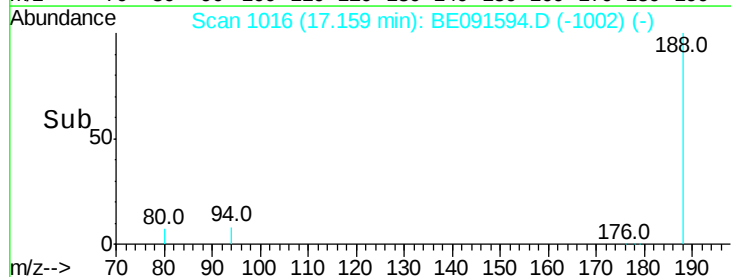
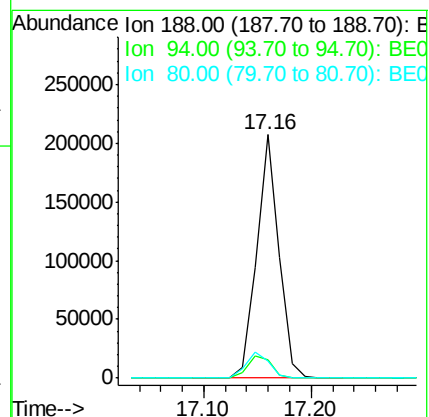
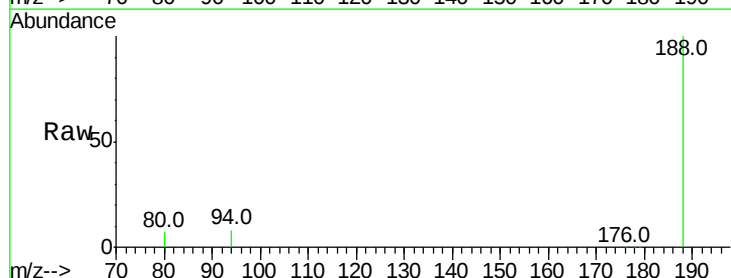
Tgt Ion:188 Resp: 297430

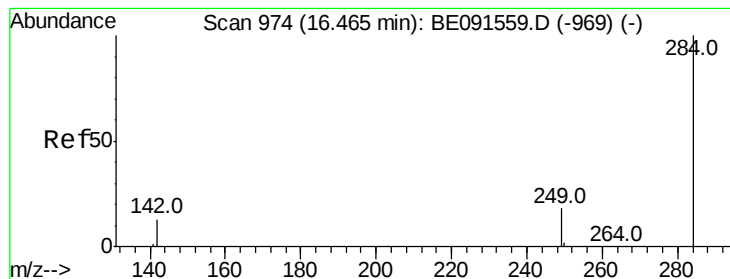
Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.2

80 7.1 5.0 7.4





#17

Hexachlorobenzene

Concen: 3.94 ng

RT: 16.46 min Scan# 973

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

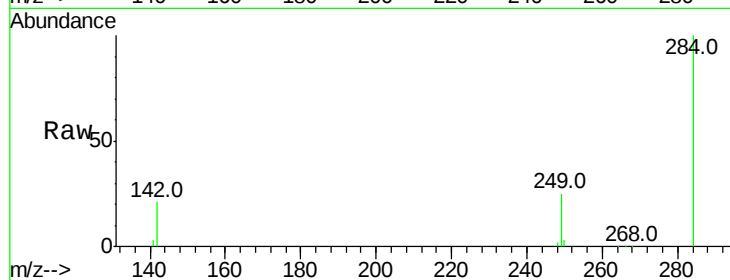
Tot Ion:284 Resp: 43082

Ion Ratio Lower Upper

284 100

142 39.9 31.0 46.4

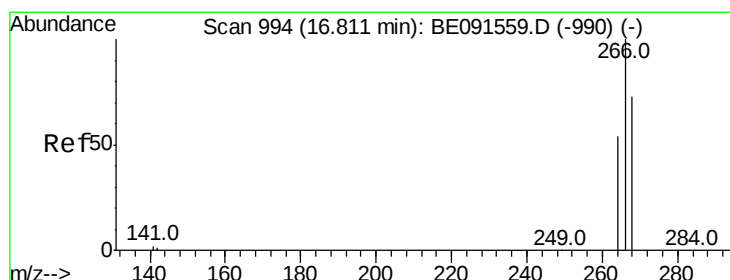
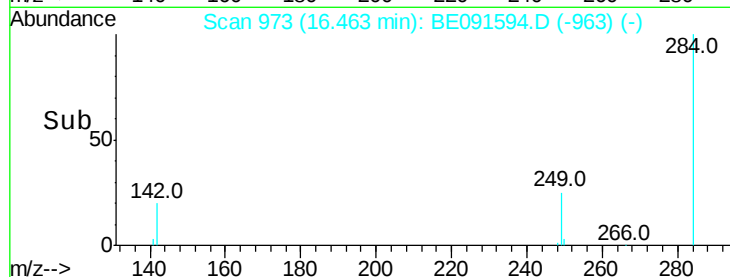
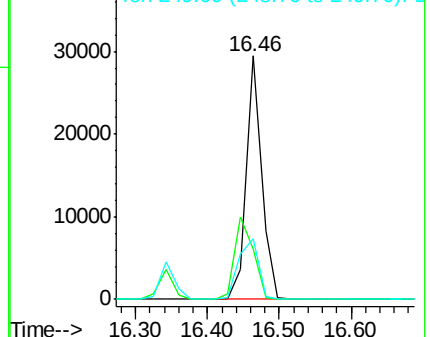
249 31.9 25.8 38.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#18

Pentachlorophenol

Concen: 8.39 ng

RT: 16.81 min Scan# 993

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

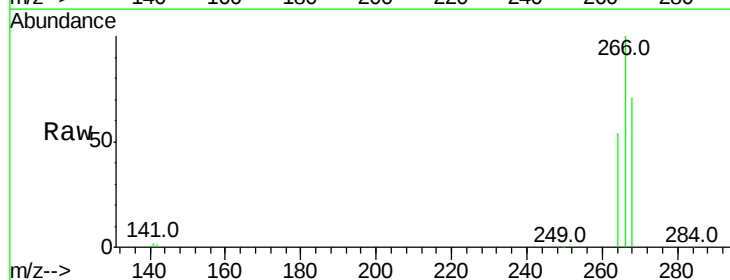
Tgt Ion:266 Resp: 51596

Ion Ratio Lower Upper

266 100

268 71.3 48.2 72.2

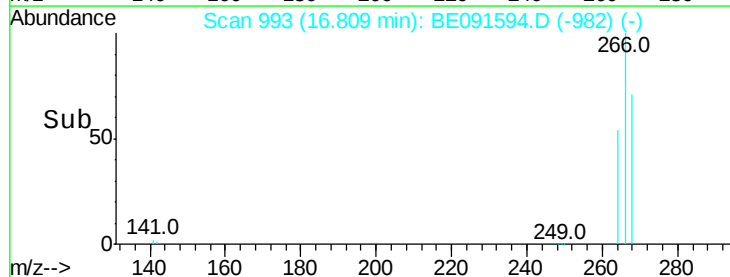
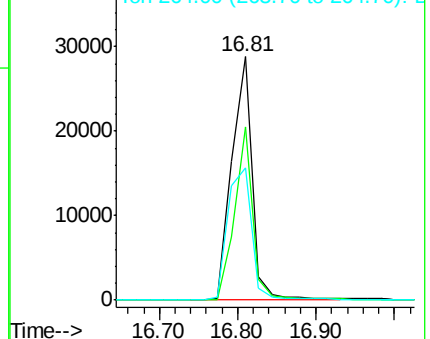
264 54.2 52.1 78.1

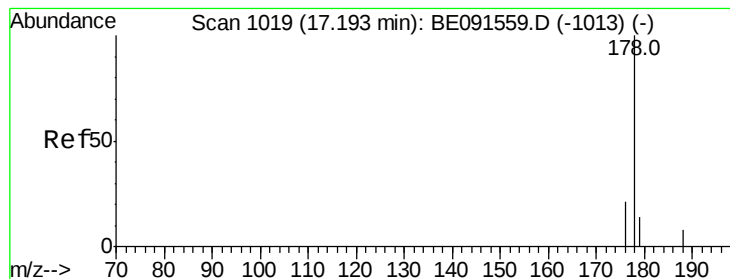


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#19

Phenanthrene

Concen: 3.91 ng

RT: 17.19 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

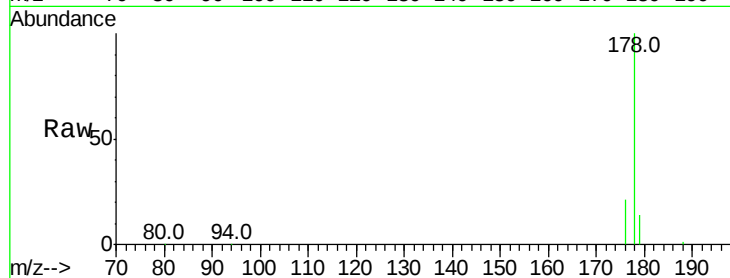
Tot Ion:178 Resp: 272188

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

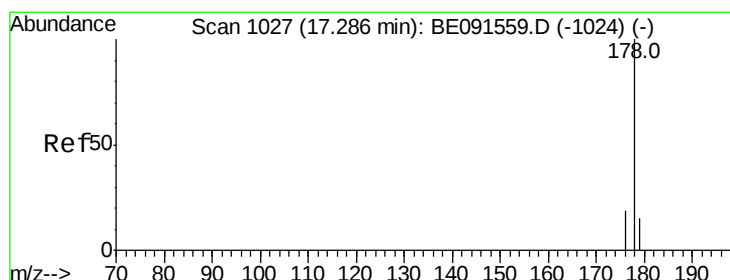
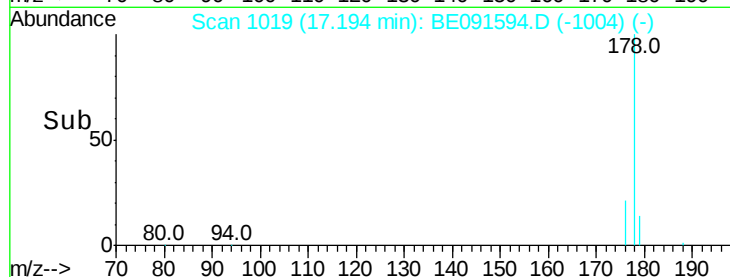
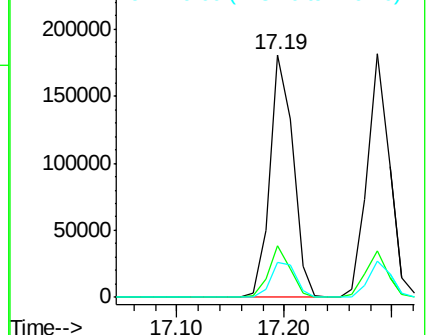
179 15.6 13.1 19.7



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



#20

Anthracene

Concen: 4.09 ng

RT: 17.29 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

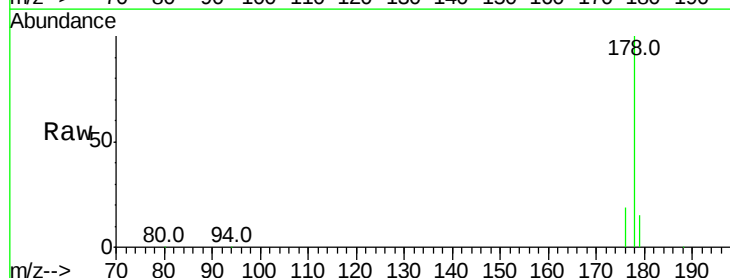
Tgt Ion:178 Resp: 262919

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

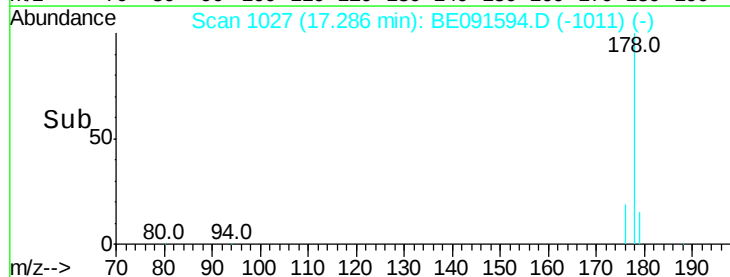
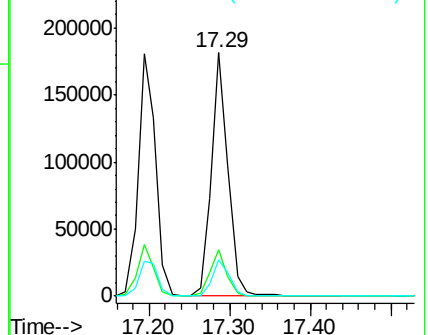
179 15.2 12.2 18.4

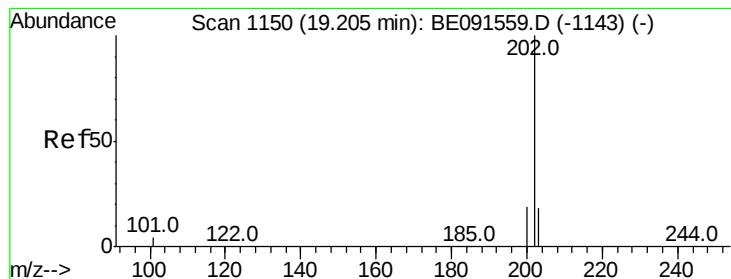


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 4.02 ng

RT: 19.21 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

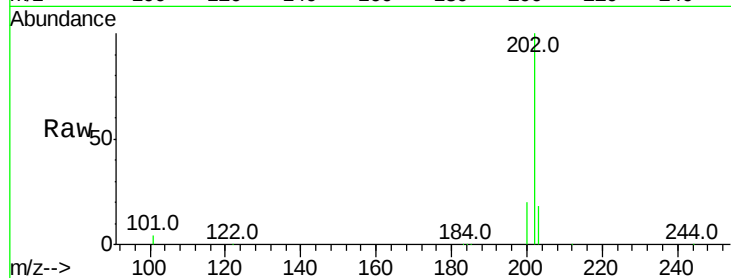
Tot Ion:202 Resp: 329970

Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

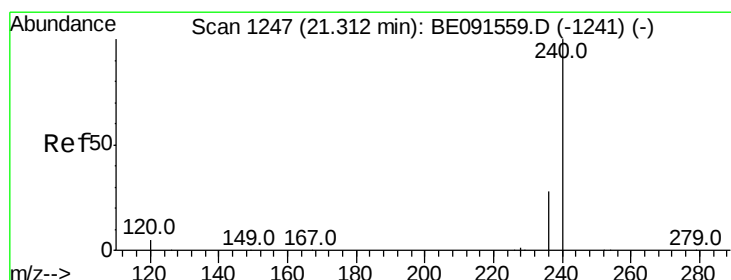
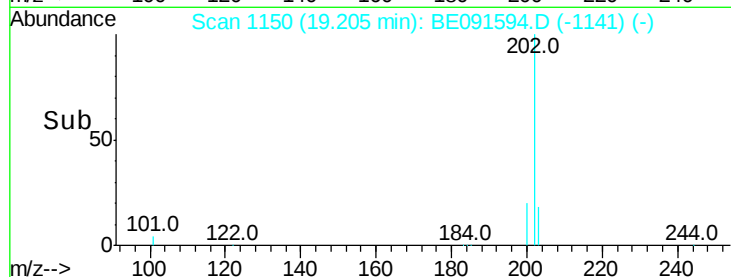
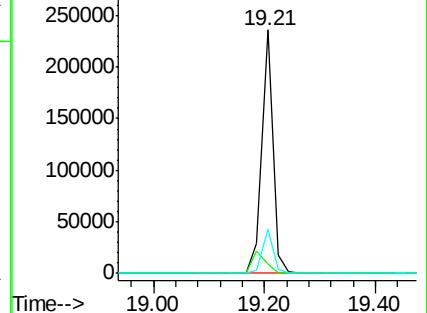
203 17.8 13.9 20.9



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



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

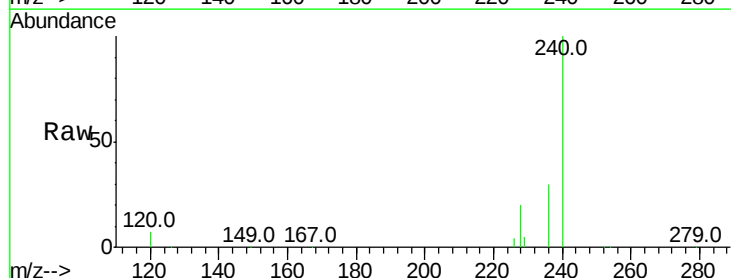
Tgt Ion:240 Resp: 374925

Ion Ratio Lower Upper

240 100

120 7.2 4.0 6.0#

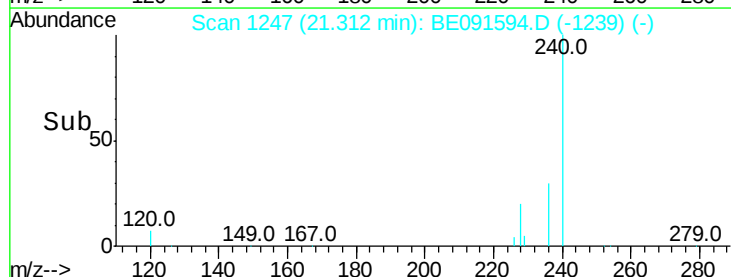
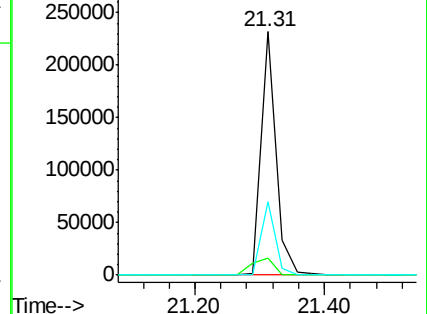
236 30.0 23.0 34.4

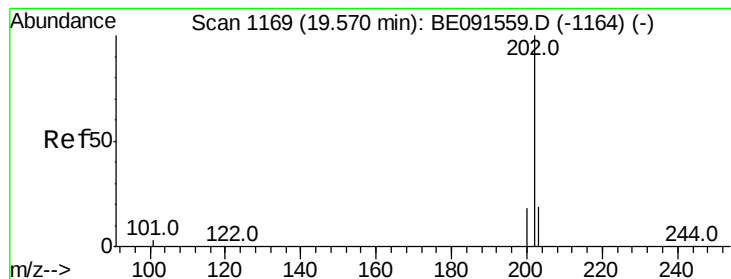


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#23

Pvrene

Concen: 4.57 ng

RT: 19.57 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

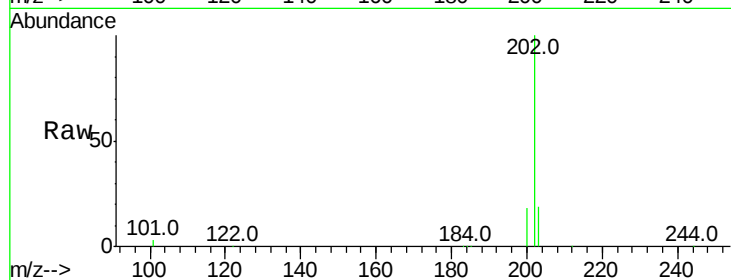
Tot Ion:202 Resp: 349453

Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

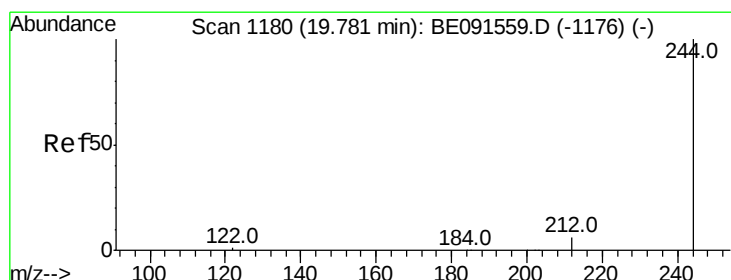
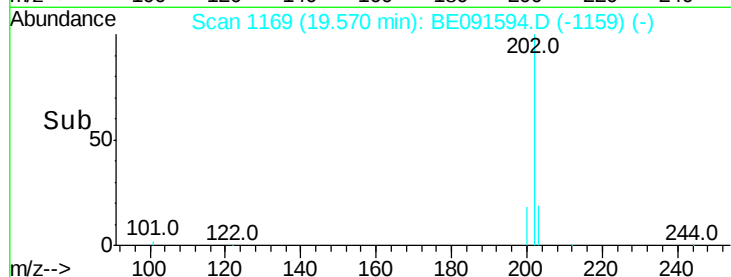
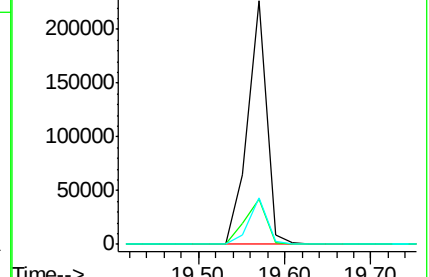
203 18.5 14.6 21.8



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



#24

Terphenyl-d14

Concen: 4.34 ng

RT: 19.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

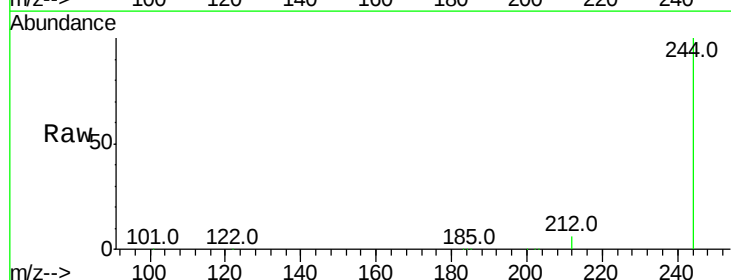
Tgt Ion:244 Resp: 206531

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

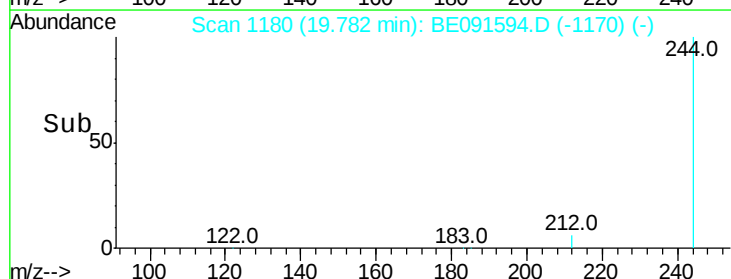
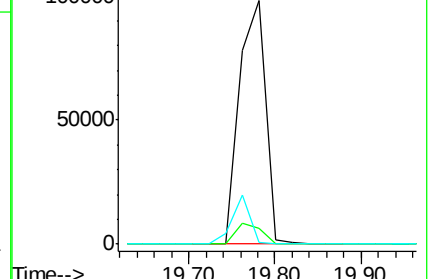
122 0.5 1.8 2.8#

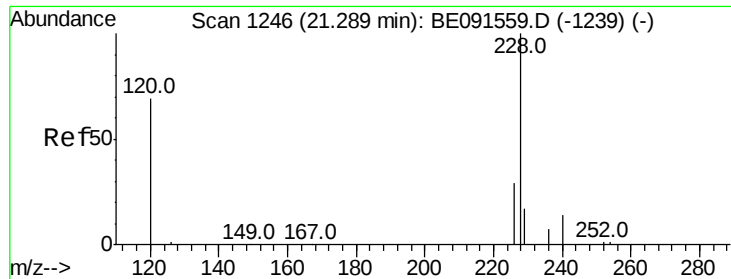


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Benzo(a)anthracene

Concen: 4.13 ng m

RT: 21.29 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

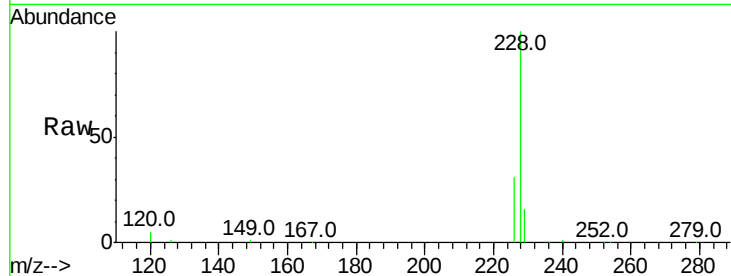
Tot Ion:228 Resp: 363642

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

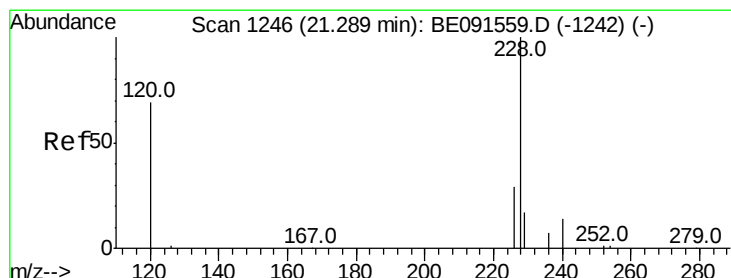
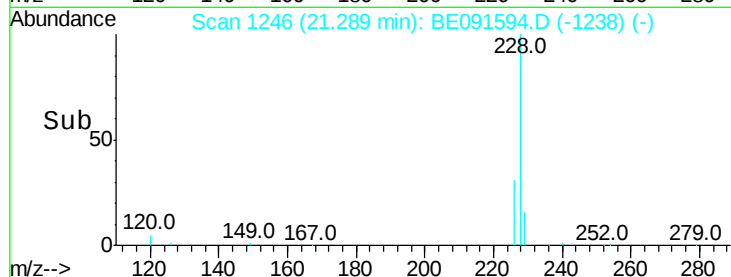
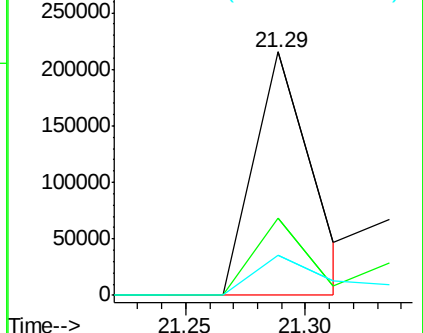
229 16.5 13.8 20.6



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



#26

Chrysene

Concen: 4.22 ng m

RT: 21.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

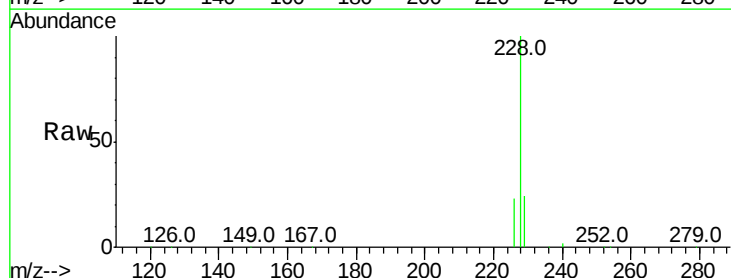
Tgt Ion:228 Resp: 317500

Ion Ratio Lower Upper

228 100

226 23.2 18.9 28.3

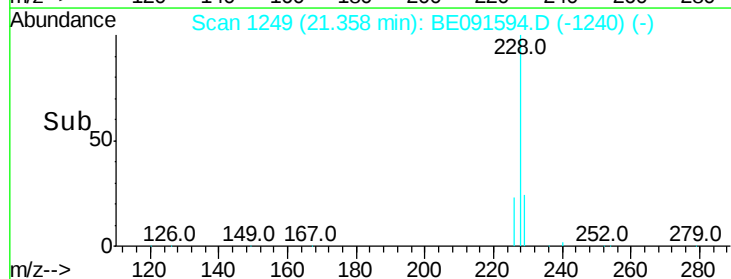
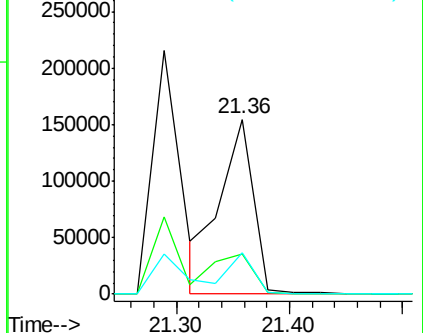
229 23.9 19.1 28.7

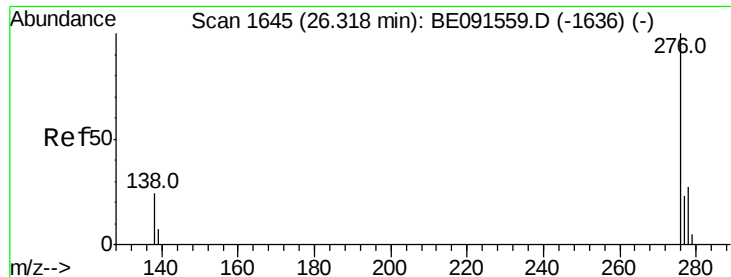


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

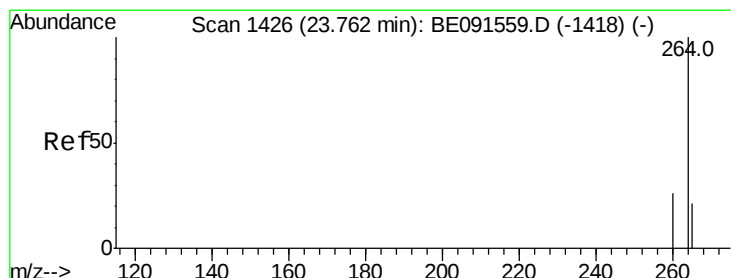
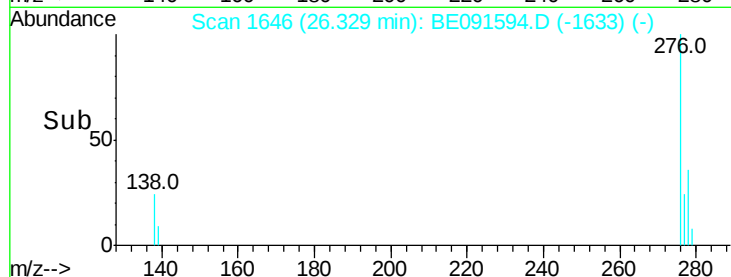
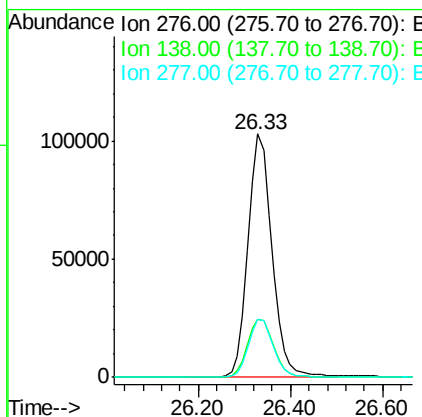
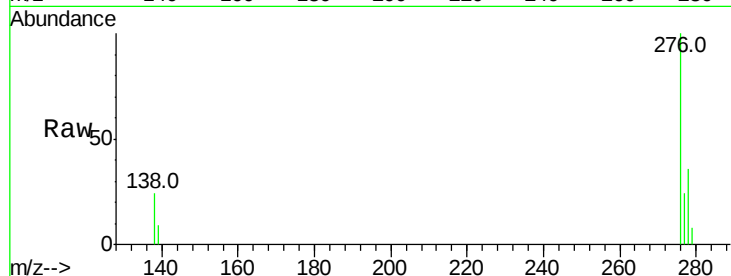




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.28 ng
 RT: 26.33 min Scan# 1646
 Delta R.T. -0.04 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

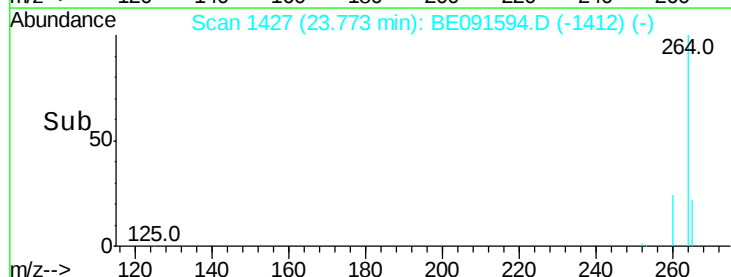
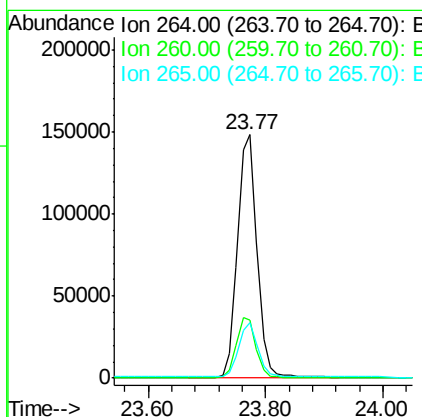
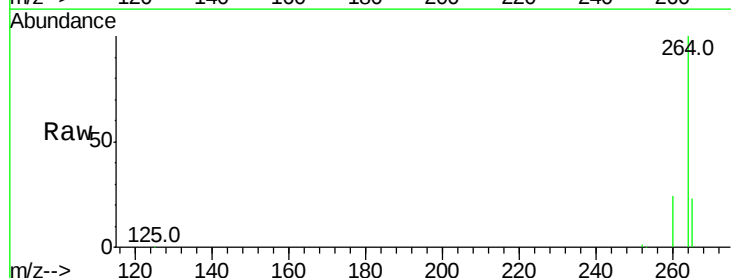
Instrument :
 BNA_E
 ClientSampleId :
 PB89409BS

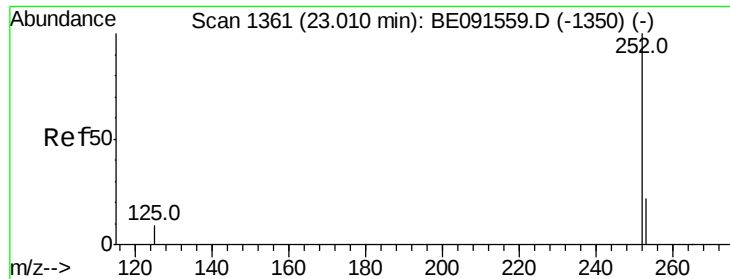
Tot Ion:276 Resp: 371584
 Ion Ratio Lower Upper
 276 100
 138 26.0 20.2 30.4
 277 24.8 19.8 29.8



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.77 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BE091594.D
 Acq: 1 Apr 2016 17:29

Tgt Ion:264 Resp: 344400
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.6 18.3 27.5





#29

Benzo(b)fluoranthene

Concen: 4.04 ng

RT: 23.01 min Scan# 1361

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

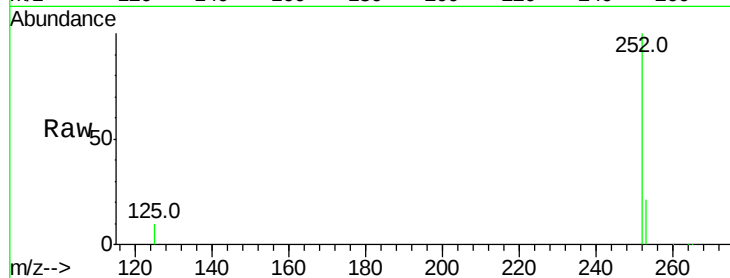
Tot Ion:252 Resp: 337738

Ion Ratio Lower Upper

252 100

253 21.4 18.7 28.1

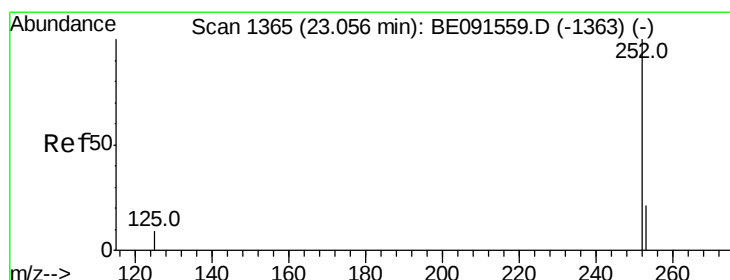
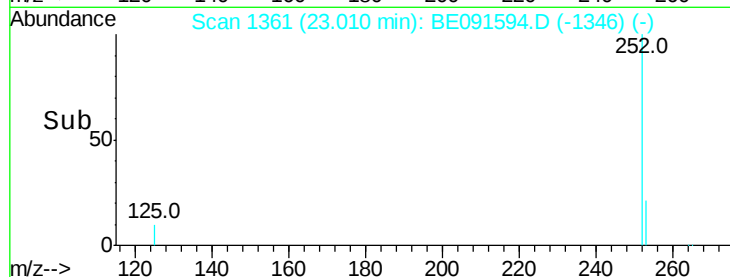
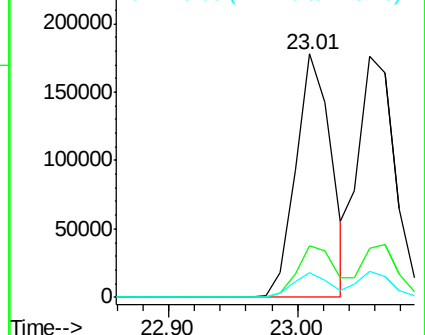
125 10.3 9.8 14.6



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



#30

Benzo(k)fluoranthene

Concen: 4.41 ng m

RT: 23.06 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

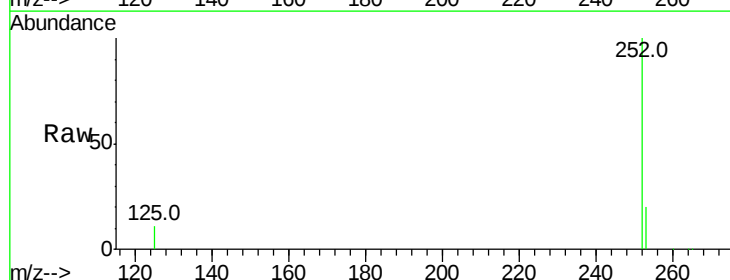
Tgt Ion:252 Resp: 356427

Ion Ratio Lower Upper

252 100

253 20.2 20.2 30.4#

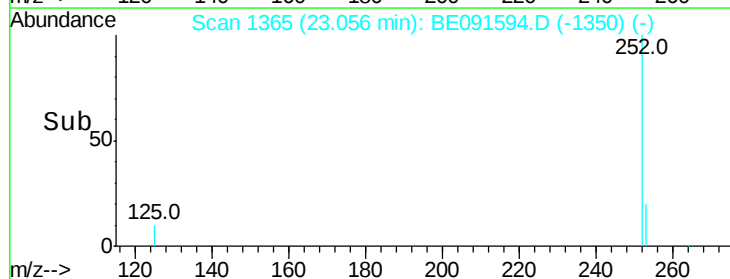
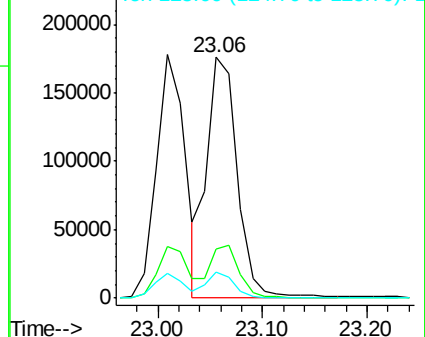
125 10.6 9.4 14.2

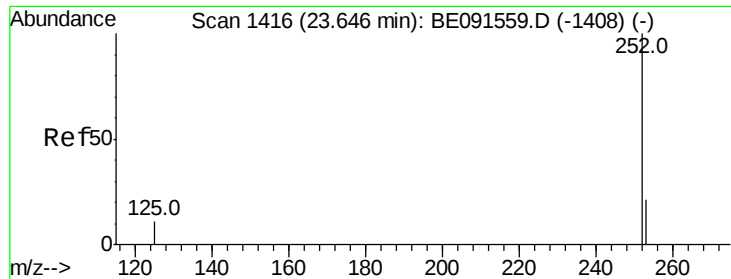


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 4.27 ng

RT: 23.66 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS

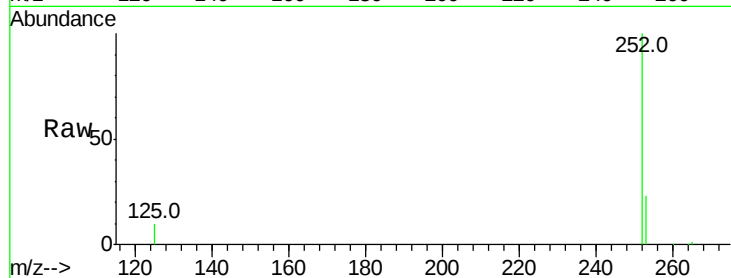
Tot Ion:252 Resp: 325661

Ion Ratio Lower Upper

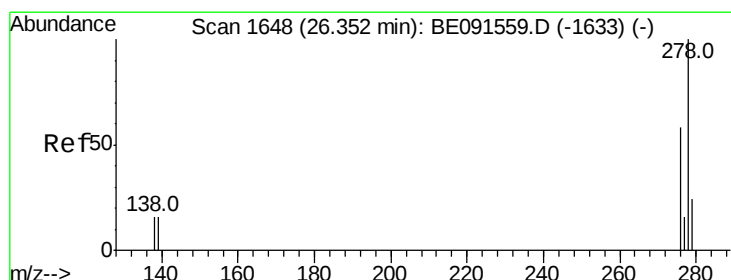
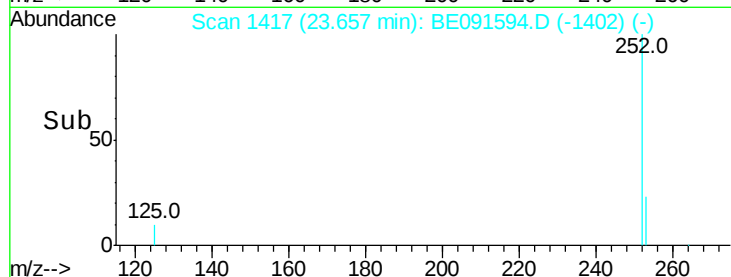
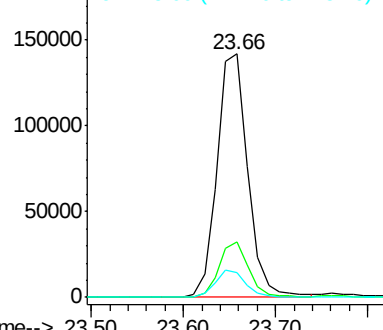
252 100

253 23.0 19.4 29.0

125 10.3 11.4 17.2#



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



#32

Dibenzo(a,h)anthracene

Concen: 4.16 ng

RT: 26.35 min Scan# 1648

Delta R.T. -0.04 min

Lab File: BE091594.D

Acq: 1 Apr 2016 17:29

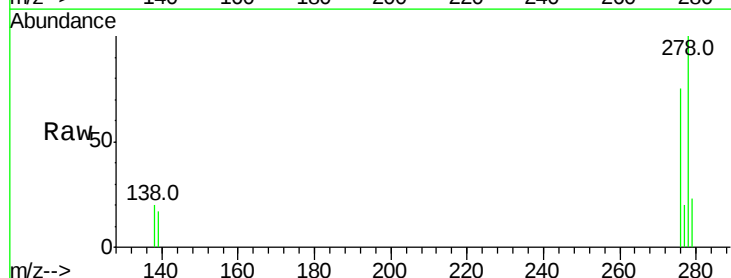
Tgt Ion:278 Resp: 311835

Ion Ratio Lower Upper

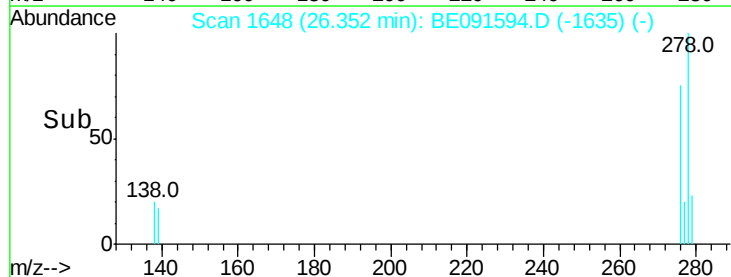
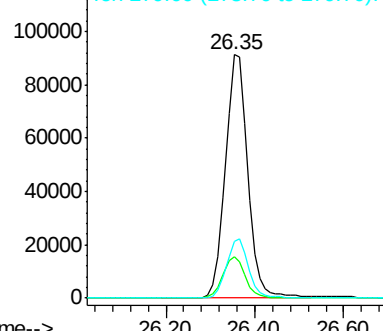
278 100

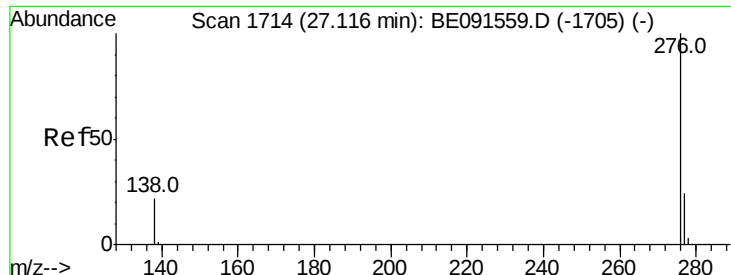
139 17.2 14.2 21.4

279 23.4 19.6 29.4



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





#33

Benzo(a,h,i)perylene

Concen: 4.14 ng

RT: 27.12 min Scan# 1714

Delta R.T. -0.04 min

Lab File: BE091594.D

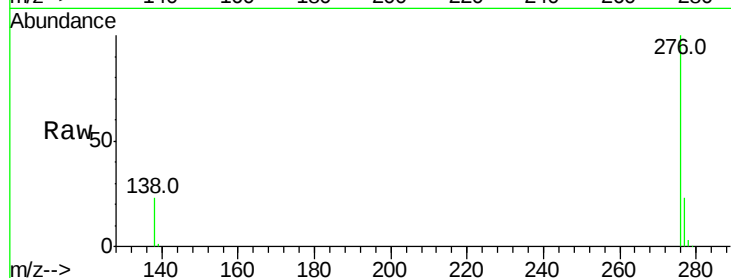
Acq: 1 Apr 2016 17:29

Instrument :

BNA_E

ClientSampleId :

PB89409BS



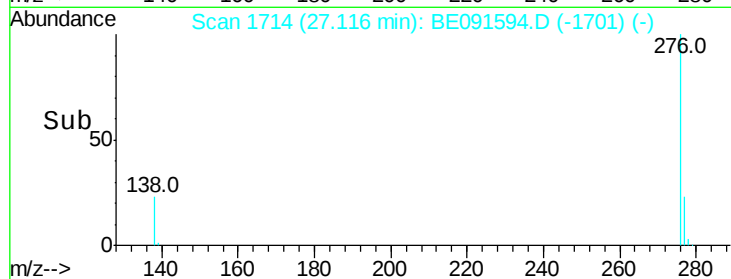
Tot Ion: 276 Resp: 316768

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 22.9 18.2 27.4



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

