

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\
 Data File : BE091597.D
 Acq On : 1 Apr 2016 19:22
 Operator : UM/SJ
 Sample : PB89421BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89421BS

Quant Time: Apr 01 23:43:37 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	38414	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	184253	5.00	ng	0.00
10) Acenaphthene-d10	14.42	164	115430	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	278678	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	343267	5.00	ng	-0.02
28) Perylene-d12	23.77	264	312625	5.00	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	56960	5.66	ng	-0.02
5) Phenol-d6	6.97	99	83733	6.16	ng	-0.02
7) Nitrobenzene-d5	8.96	82	37622	3.04	ng	-0.02
11) 2,4,6-Tribromophenol	15.91	330	26588	5.20	ng	-0.01
12) 2-Fluorobiphenyl	13.05	172	108186	3.30	ng	-0.02
24) Terphenyl-d14	19.76	244	164264	3.77	ng	-0.02

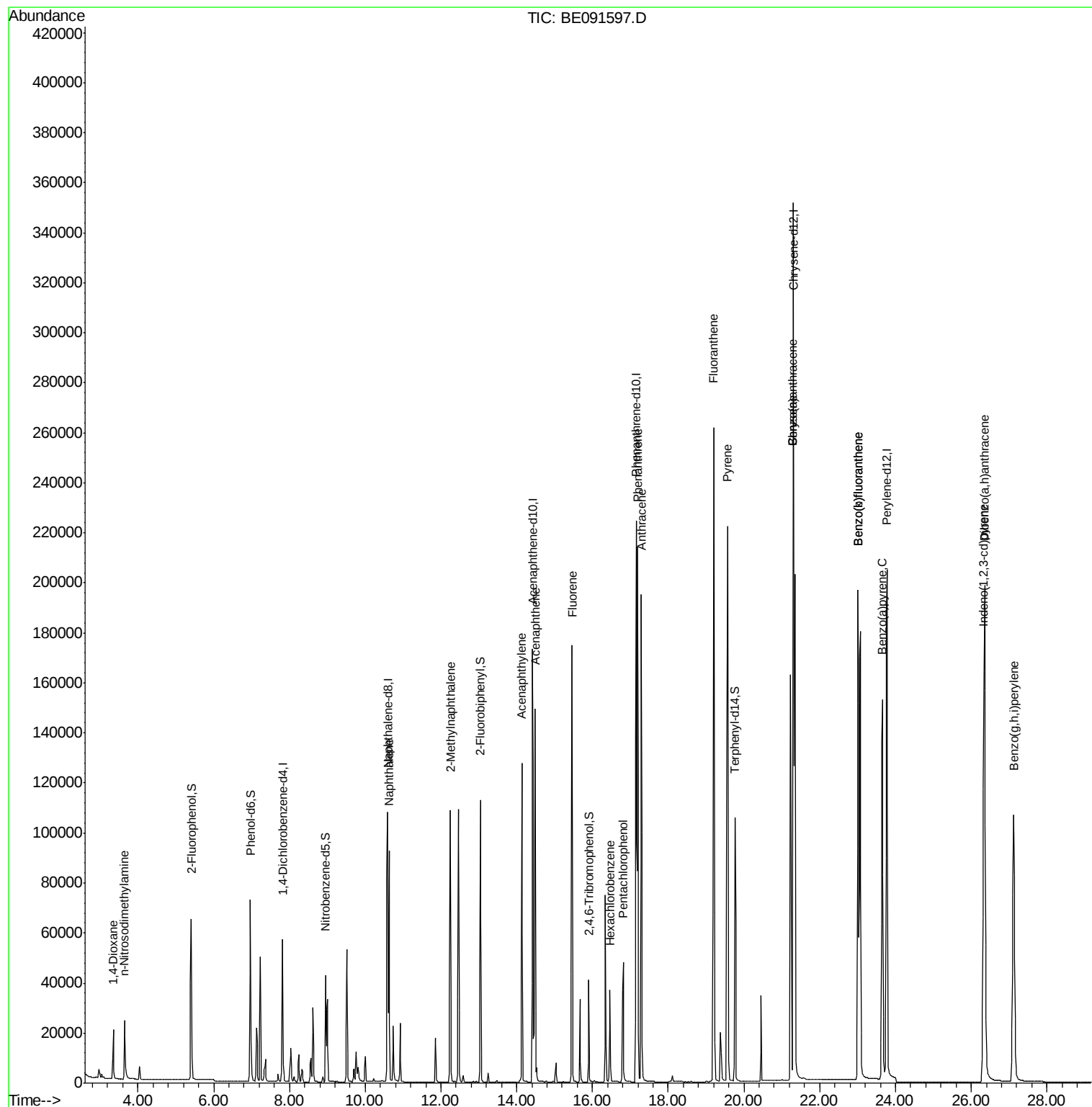
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	14279	3.14	ng	95
3) n-Nitrosodimethylamine	3.64	42	21546	3.09	ng	# 93
8) Naphthalene	10.63	128	124201	3.26	ng	97
9) 2-Methylnaphthalene	12.25	142	88824	3.57	ng	97
13) Acenaphthylene	14.14	152	158575	3.41	ng	99
14) Acenaphthene	14.49	154	101353	3.55	ng	96
15) Fluorene	15.47	166	124905	3.40	ng	99
17) Hexachlorobenzene	16.46	284	35806	3.49	ng	98
18) Pentachlorophenol	16.81	266	40655	7.06	ng	# 82
19) Phenanthrene	17.19	178	225467	3.46	ng	99
20) Anthracene	17.29	178	213120	3.54	ng	100
21) Fluoranthene	19.21	202	269093	3.50	ng	99
23) Pvrene	19.57	202	277147	3.96	ng	99
25) Benzo(a)anthracene	21.29	228	337436	4.19	ng	96
26) Chrysene	21.29	228	337384	4.89	ng	# 83
27) Indeno(1,2,3-cd)pyrene	26.33	276	298418	3.76	ng	99
29) Benzo(b)fluoranthene	23.01	252	270567	3.57	ng	95
30) Benzo(k)fluoranthene	23.01	252	270567	3.69	ng	93
31) Benzo(a)pvrene	23.66	252	255113	3.68	ng	# 95
32) Dibenzo(a,h)anthracene	26.35	278	252876	3.72	ng	98
33) Benzo(g,h,i)perylene	27.13	276	254014	3.66	ng	98

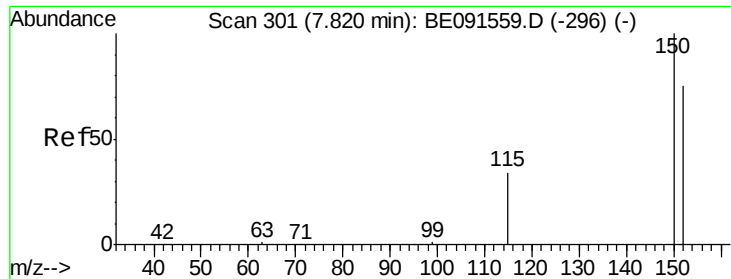
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

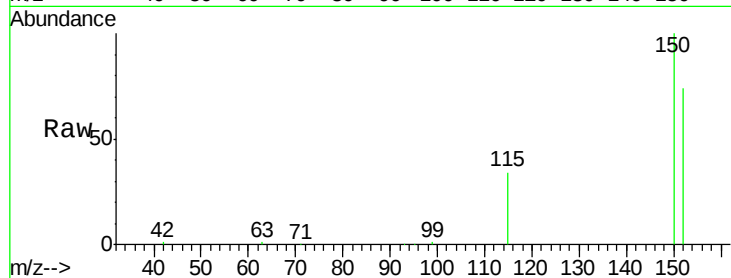
Tot Ion:152 Resp: 38414

Ion Ratio Lower Upper

152 100

150 135.7 122.2 183.2

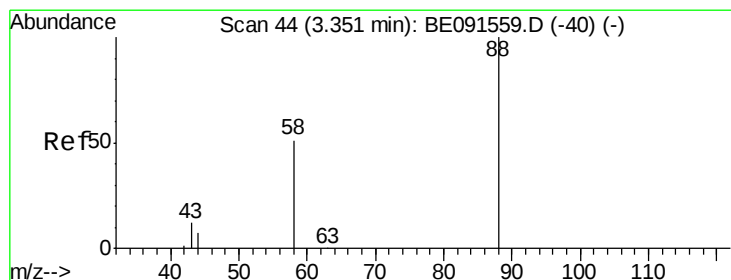
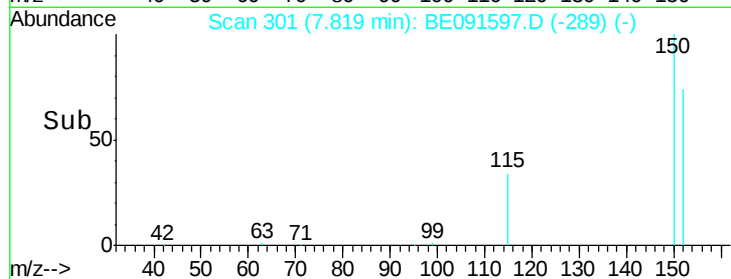
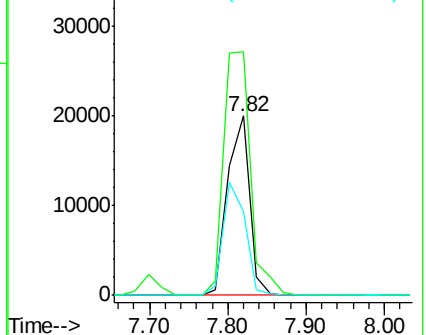
115 46.4 45.9 68.9



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: 3.14 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

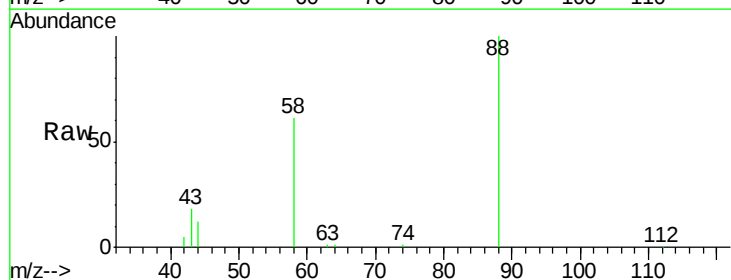
Tgt Ion: 88 Resp: 14279

Ion Ratio Lower Upper

88 100

58 80.4 61.0 91.6

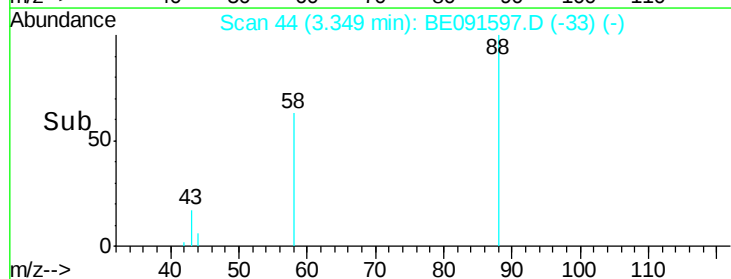
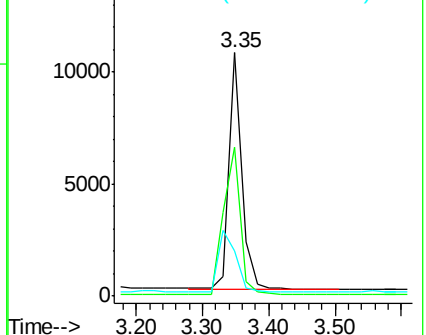
43 35.1 25.4 38.2

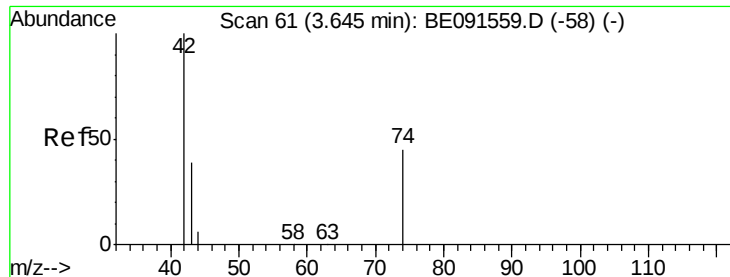


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.09 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

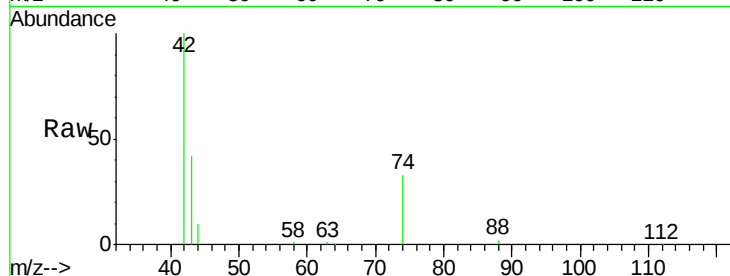
Tot Ion: 42 Resp: 21546

Ion Ratio Lower Upper

42 100

74 98.0 84.3 126.5

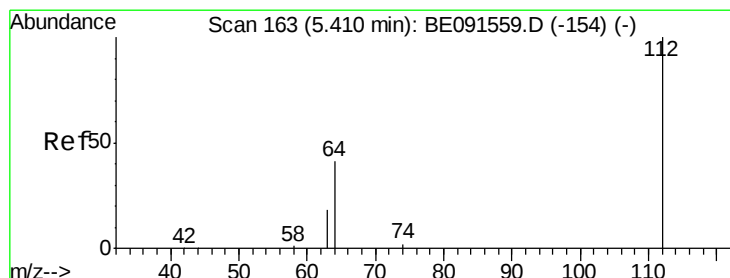
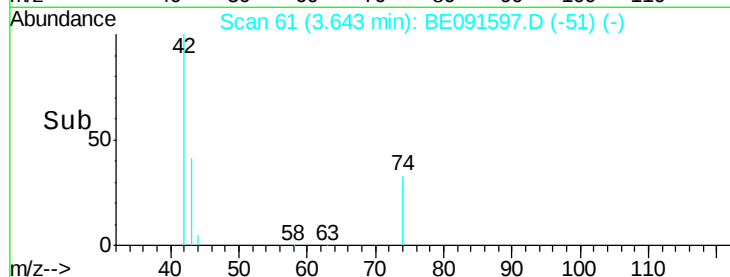
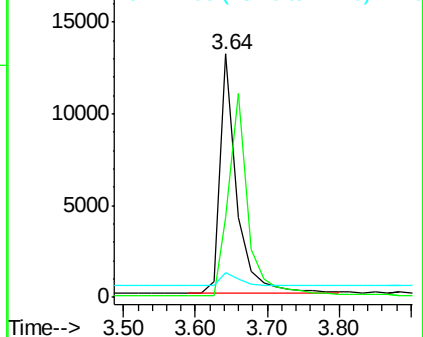
44 6.6 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 5.66 ng

RT: 5.41 min Scan# 163

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

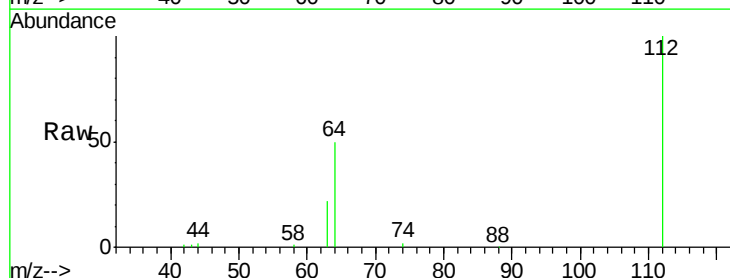
Tgt Ion: 112 Resp: 56960

Ion Ratio Lower Upper

112 100

64 67.4 53.3 79.9

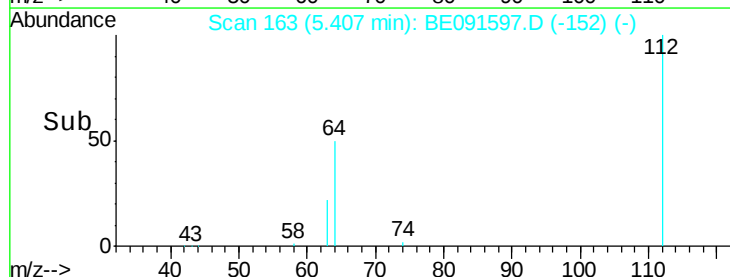
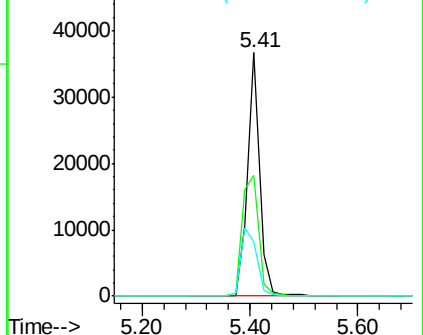
63 36.3 29.8 44.8

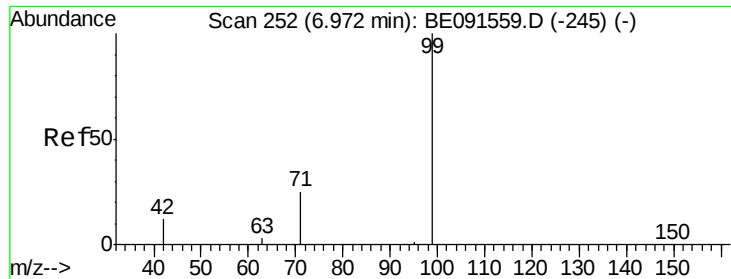


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.16 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

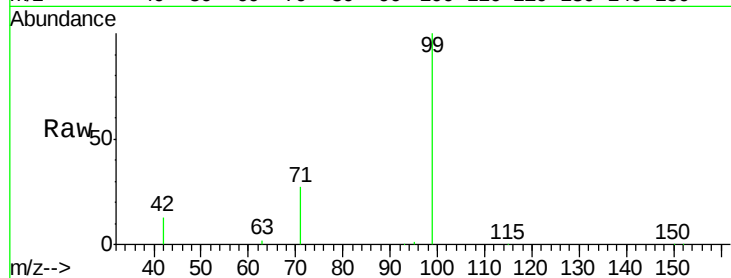
Tot Ion: 99 Resp: 83733

Ion Ratio Lower Upper

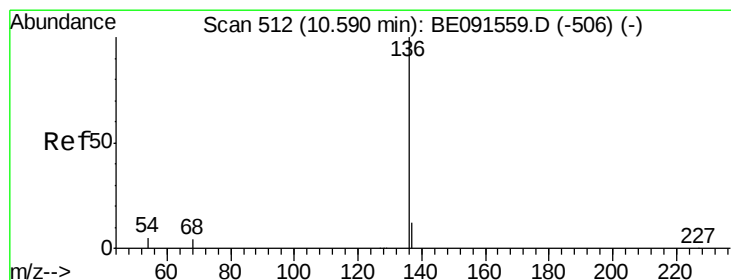
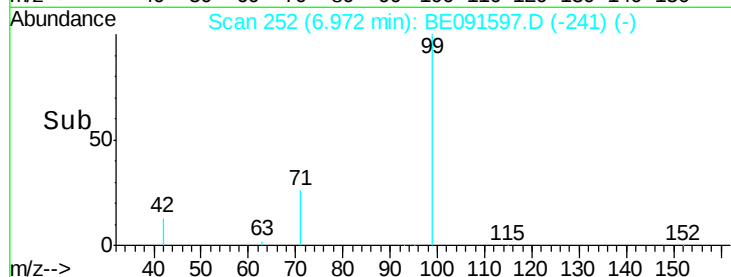
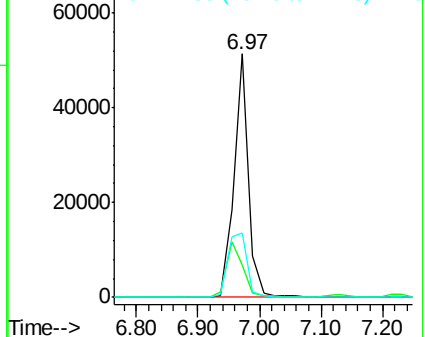
99 100

42 25.2 20.6 30.8

71 35.7 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: BE091597.D

Acq: 1 Apr 2016 19:22

Tgt Ion: 136 Resp: 184253

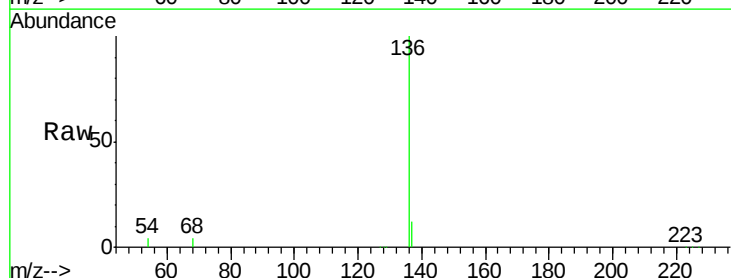
Ion Ratio Lower Upper

136 100

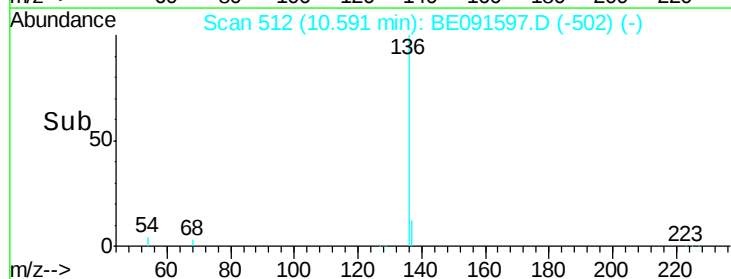
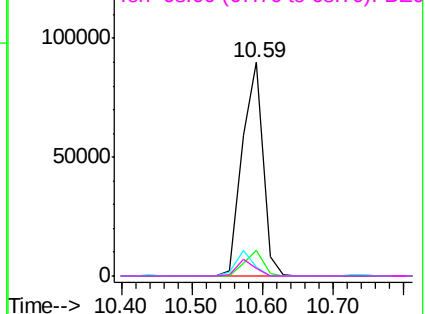
137 11.9 8.8 13.2

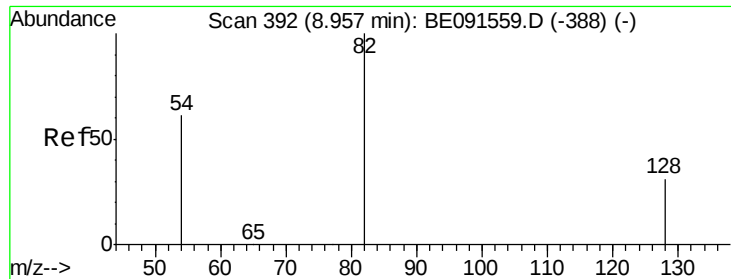
54 4.3 5.2 7.8#

68 3.6 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: 3.04 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

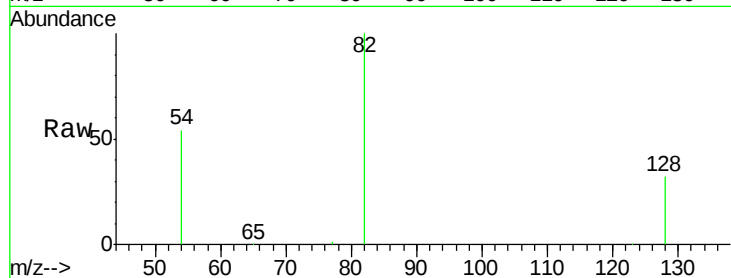
Tot Ion: 82 Resp: 37622

Ion Ratio Lower Upper

82 100

128 31.8 23.5 35.3

54 54.2 52.4 78.6

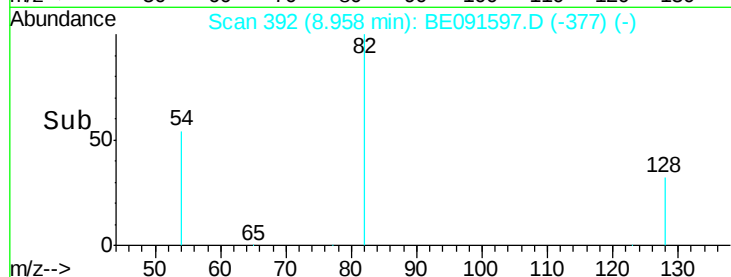


Abundance Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



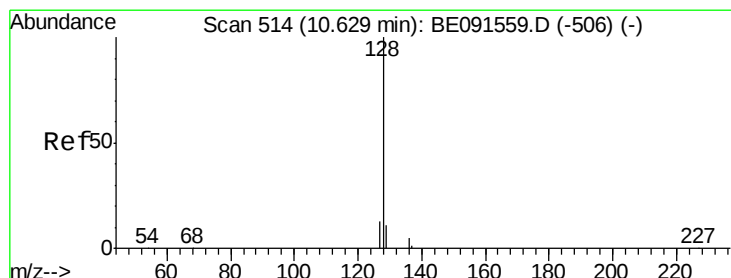
Abundance

Ion 82.00 (81.70 to 82.70): BE091559.D (-388) (-)

Ion 128.00 (127.70 to 128.70): BE091559.D (-388) (-)

Ion 54.00 (53.70 to 54.70): BE091559.D (-388) (-)

Time-->



#8

Naphthalene

Concen: 3.26 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

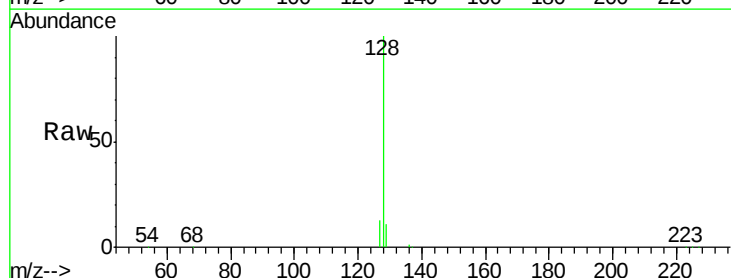
Tgt Ion: 128 Resp: 124201

Ion Ratio Lower Upper

128 100

129 11.0 8.2 12.2

127 13.0 11.8 17.8

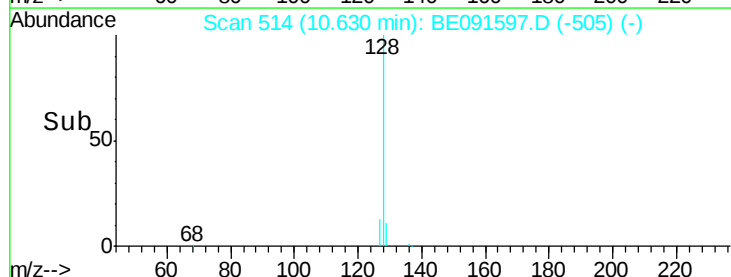


Abundance Ion 128.00 (127.70 to 128.70): BE091559.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-506) (-)

Time-->



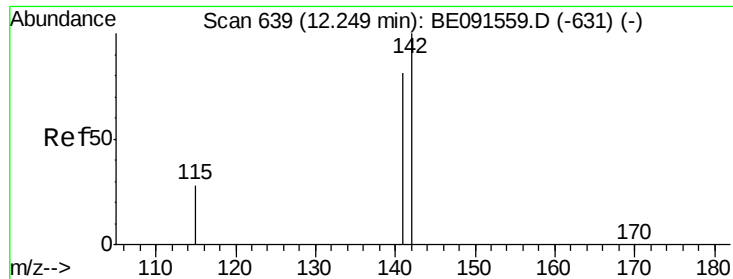
Abundance

Ion 128.00 (127.70 to 128.70): BE091559.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091559.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091559.D (-506) (-)

Time-->



#9

2-Methylnaphthalene

Concen: 3.57 ng

RT: 12.25 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

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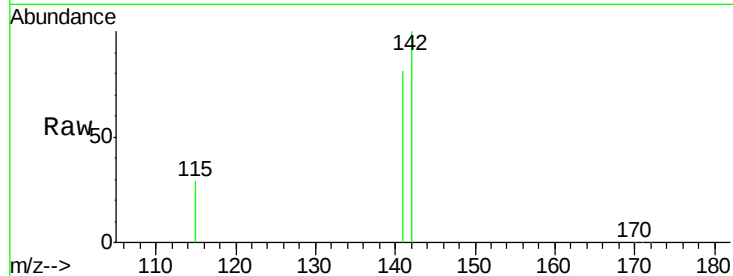
Tot Ion:142 Resp: 88824

Ion Ratio Lower Upper

142 100

141 81.0 66.9 100.3

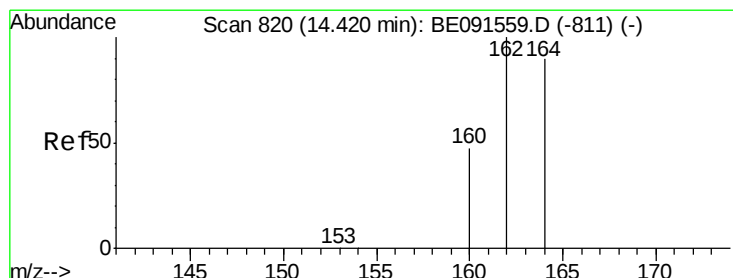
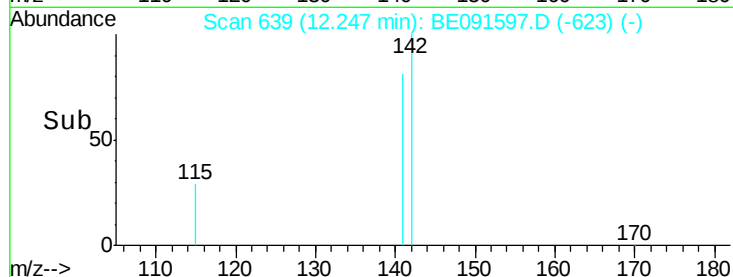
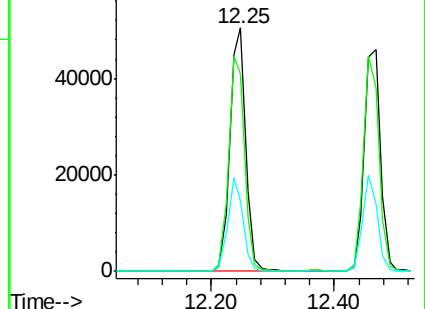
115 29.2 25.1 37.7



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: BE091597.D

Acq: 1 Apr 2016 19:22

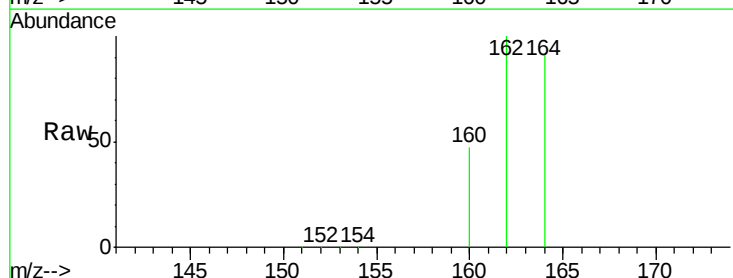
Tgt Ion:164 Resp: 115430

Ion Ratio Lower Upper

164 100

162 110.4 84.4 126.6

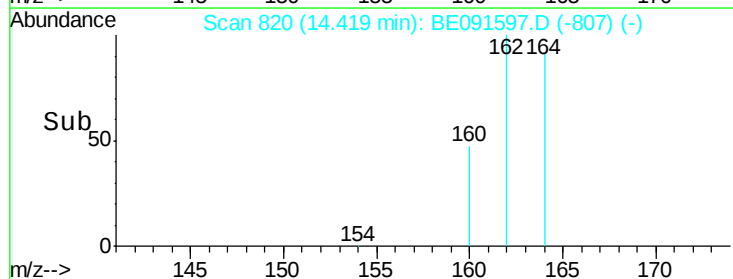
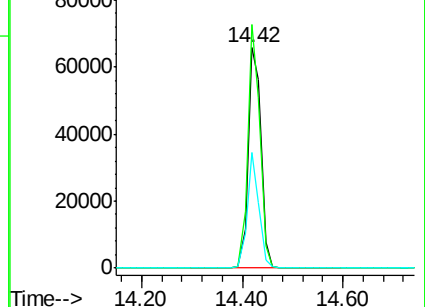
160 52.4 37.7 56.5

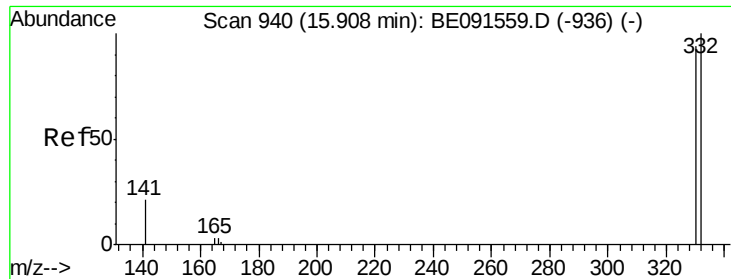


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

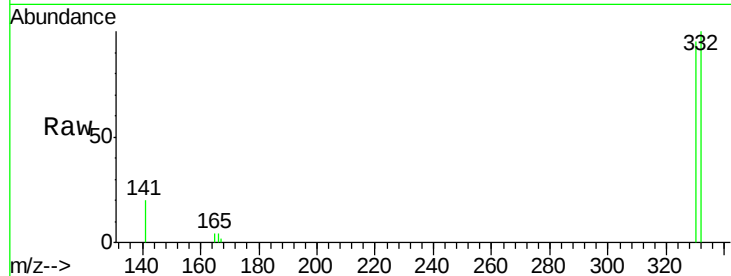




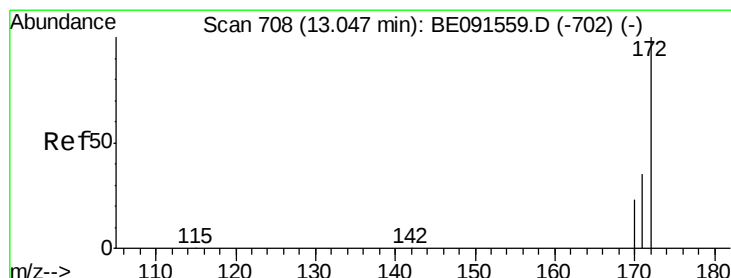
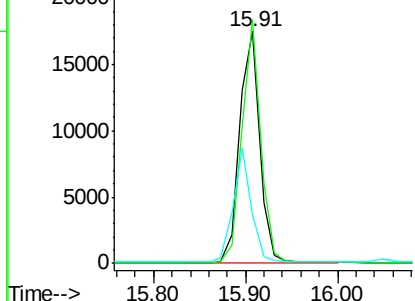
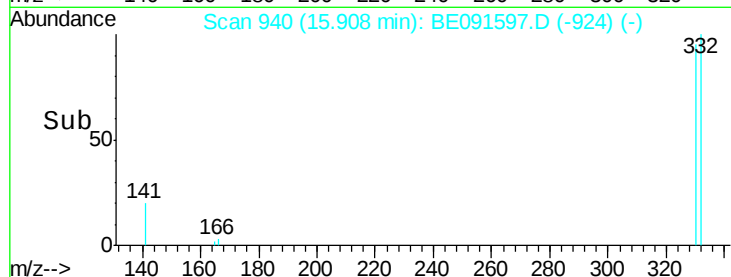
#11
 2,4,6-Tribromophenol
 Concen: 5.20 ng
 RT: 15.91 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BE091597.D
 Acq: 1 Apr 2016 19:22

Instrument :
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Tot Ion:330 Resp: 26588
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.2 118.8
 141 44.5 28.1 42.1#

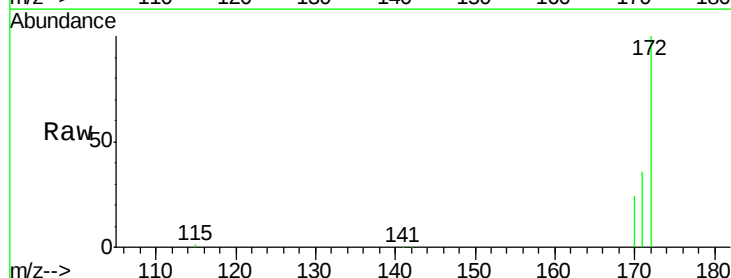


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

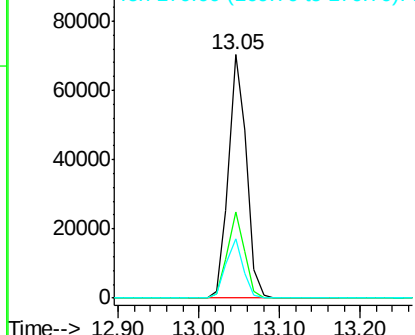
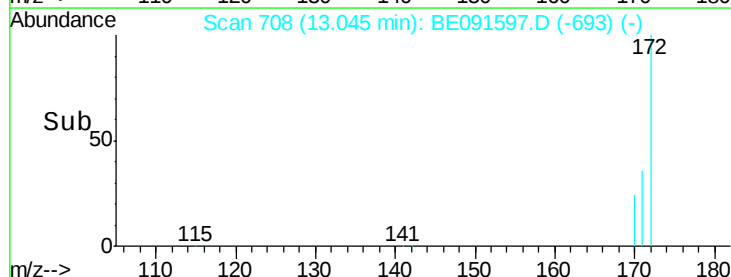


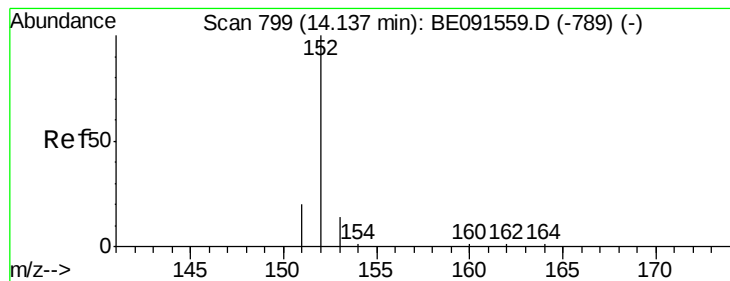
#12
 2-Fluorobiphenyl
 Concen: 3.30 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BE091597.D
 Acq: 1 Apr 2016 19:22

Tgt Ion:172 Resp: 108186
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.8 44.8
 170 24.3 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: 3.41 ng

RT: 14.14 min Scan# 799

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

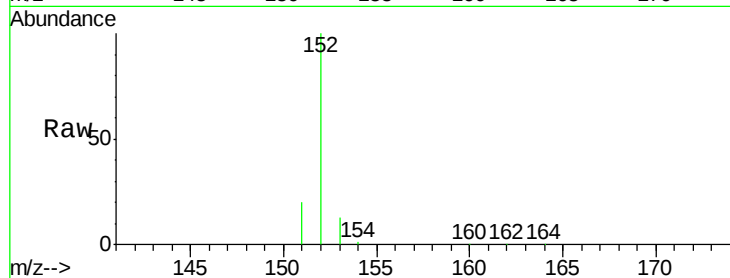
Tot Ion:152 Resp: 158575

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

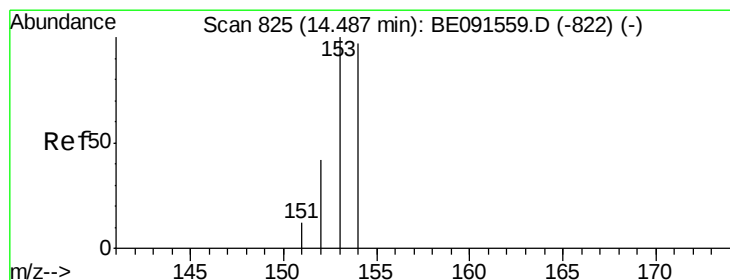
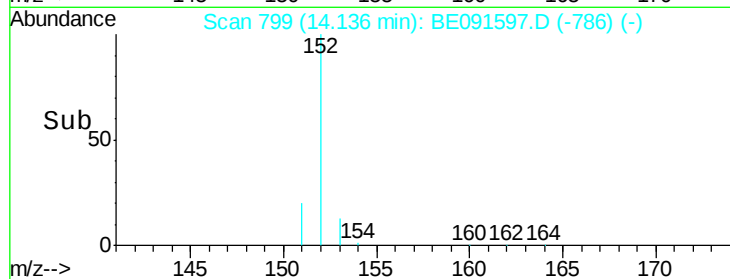
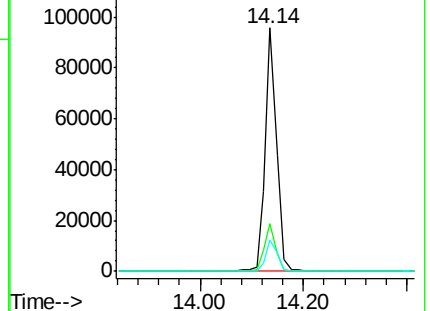
153 13.7 11.1 16.7



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: 3.55 ng

RT: 14.49 min Scan# 825

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

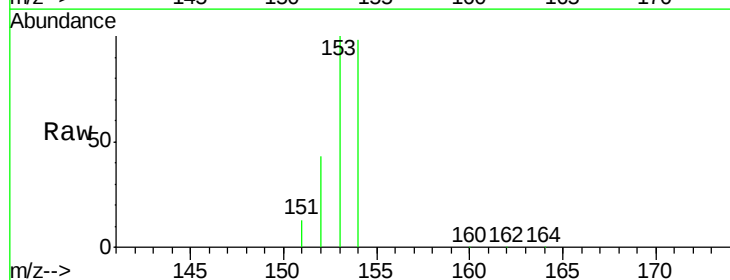
Tgt Ion:154 Resp: 101353

Ion Ratio Lower Upper

154 100

153 103.9 87.3 130.9

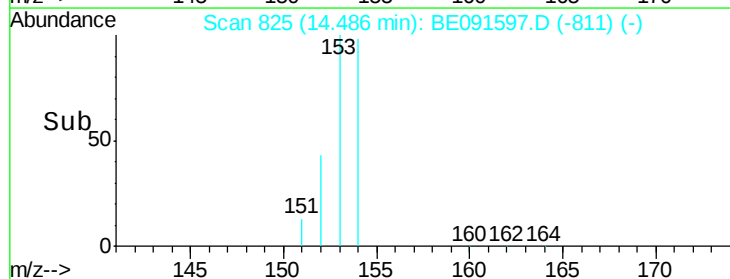
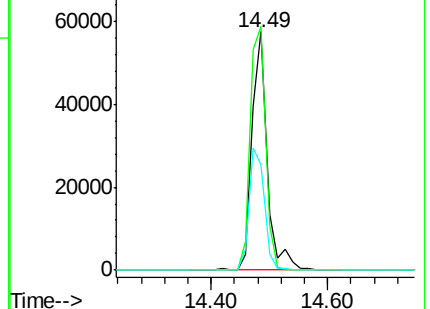
152 51.1 42.9 64.3

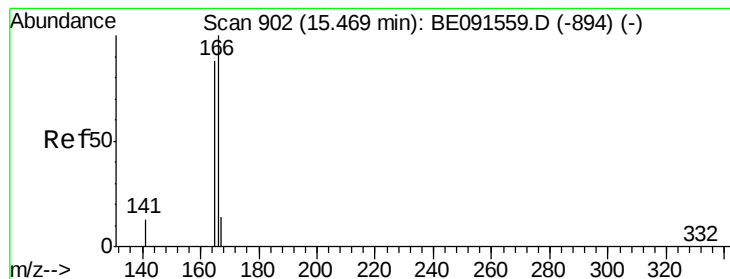


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#15

Fluorene

Concen: 3.40 ng

RT: 15.47 min Scan# 902

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

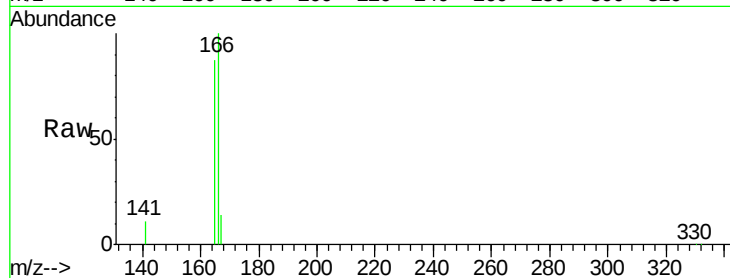
Tot Ion:166 Resp: 124905

Ion Ratio Lower Upper

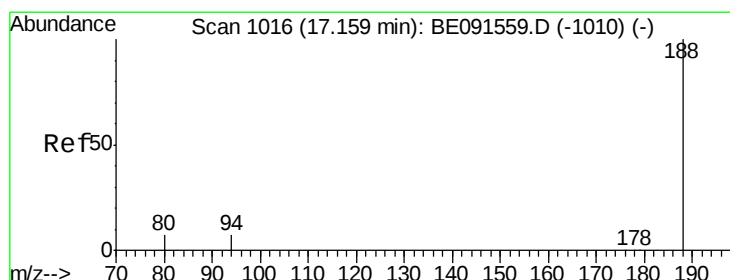
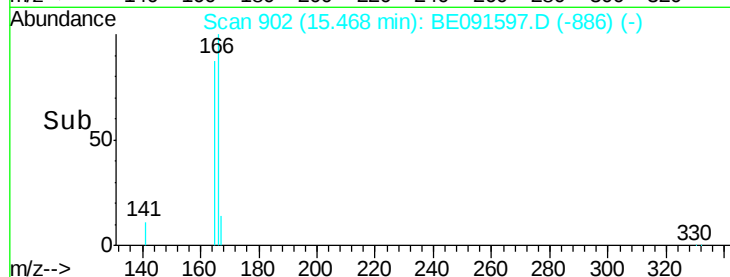
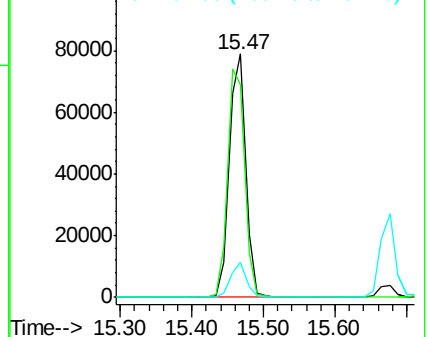
166 100

165 98.1 79.2 118.8

167 13.5 10.8 16.2



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



#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

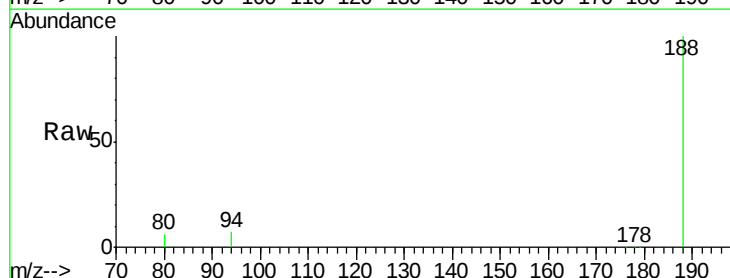
Tgt Ion:188 Resp: 278678

Ion Ratio Lower Upper

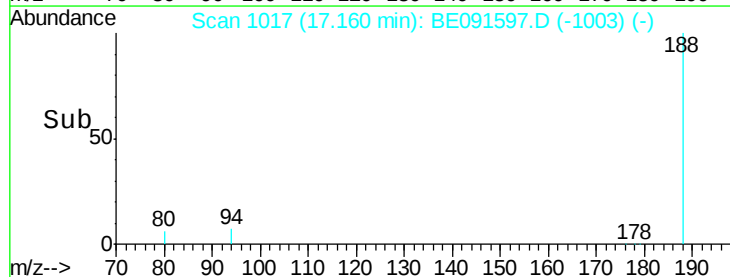
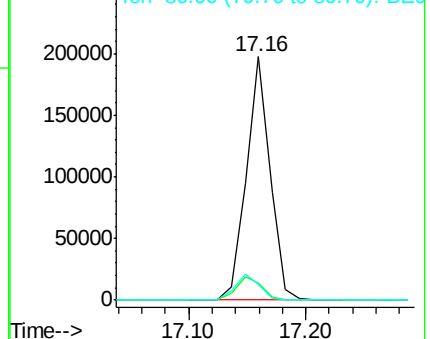
188 100

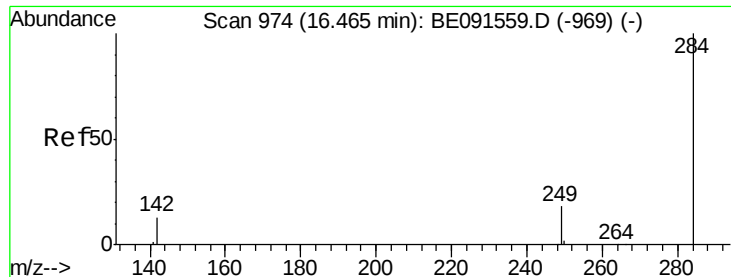
94 7.1 5.4 8.2

80 6.5 5.0 7.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

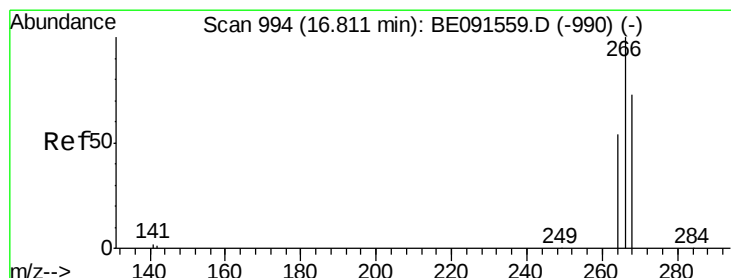
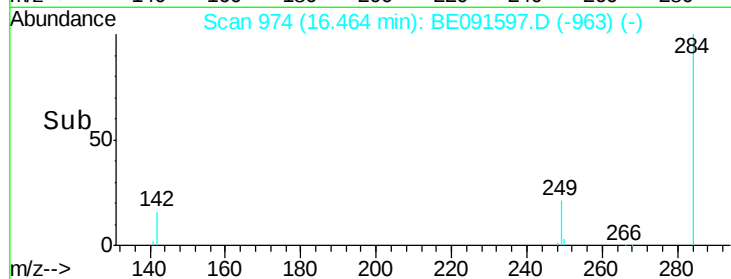
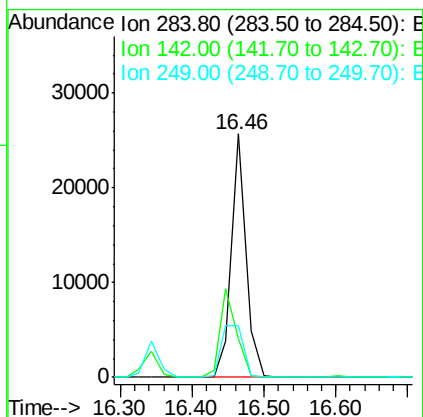
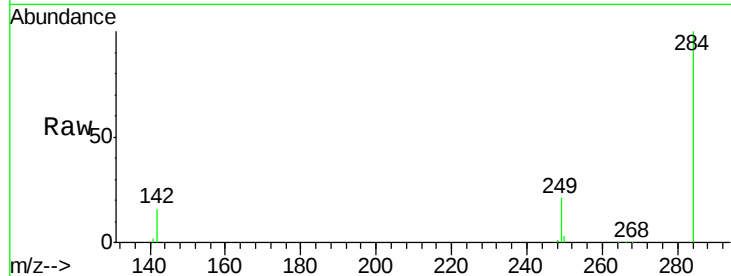




#17
Hexachlorobenzene
Concen: 3.49 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.02 min
Lab File: BE091597.D
Acq: 1 Apr 2016 19:22

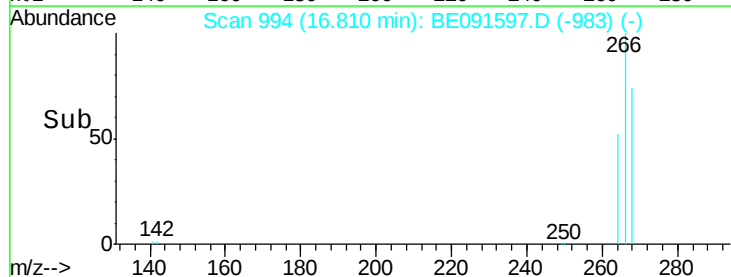
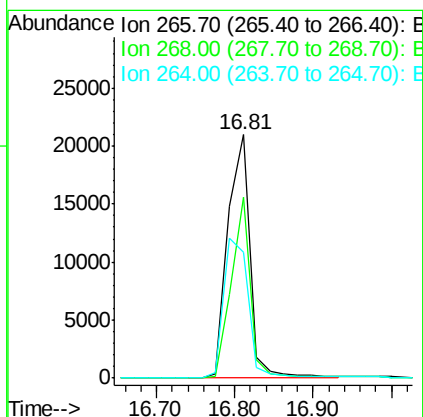
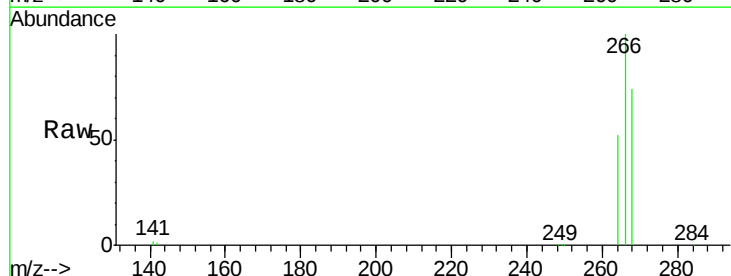
Instrument :
BNA_E
ClientSampleId :
PB89421BS

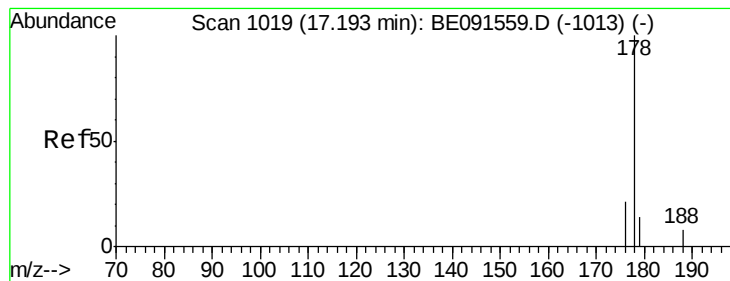
Tot Ion:284 Resp: 35806
Ion Ratio Lower Upper
284 100
142 40.6 31.0 46.4
249 32.4 25.8 38.8



#18
Pentachlorophenol
Concen: 7.06 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091597.D
Acq: 1 Apr 2016 19:22

Tgt Ion:266 Resp: 40655
Ion Ratio Lower Upper
266 100
268 74.5 48.2 72.2#
264 51.8 52.1 78.1#





#19

Phenanthrene

Concen: 3.46 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

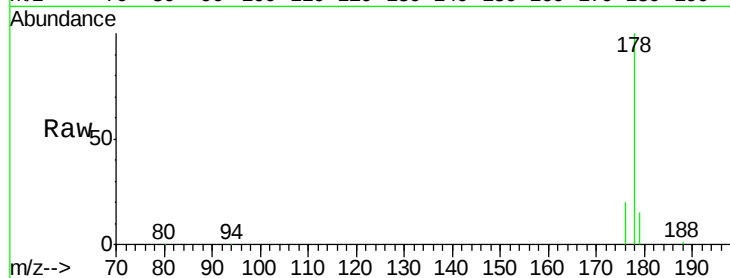
Tot Ion:178 Resp: 225467

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

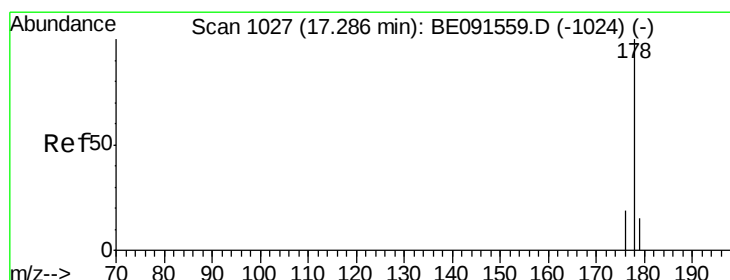
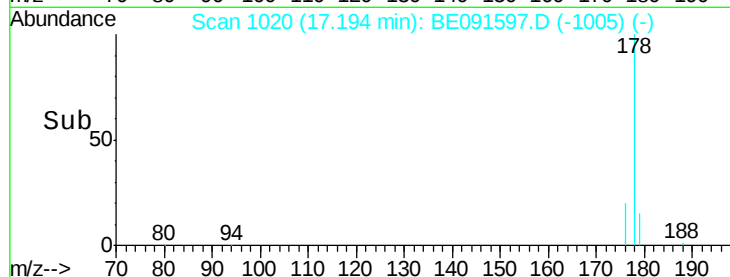
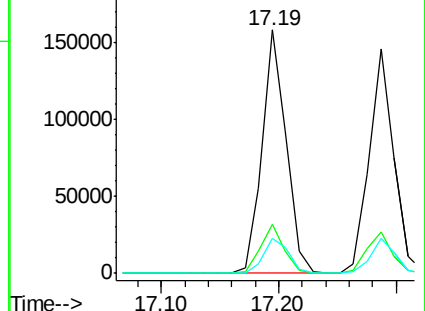
179 15.4 13.1 19.7



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: 3.54 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

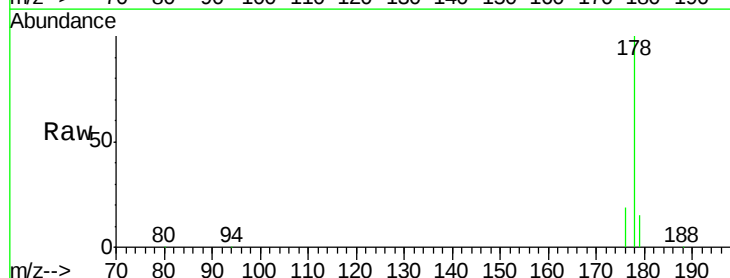
Tgt Ion:178 Resp: 213120

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

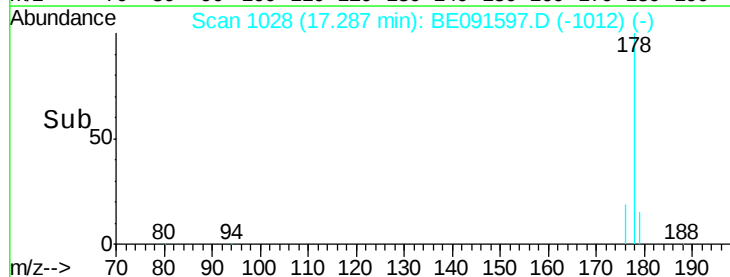
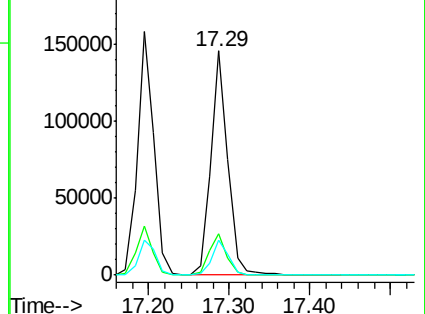
179 15.3 12.2 18.4

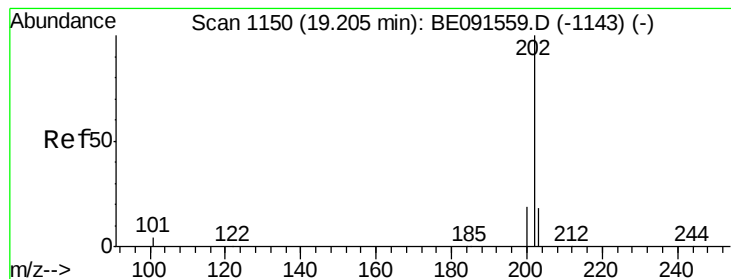


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#21

Fluoranthene

Concen: 3.50 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

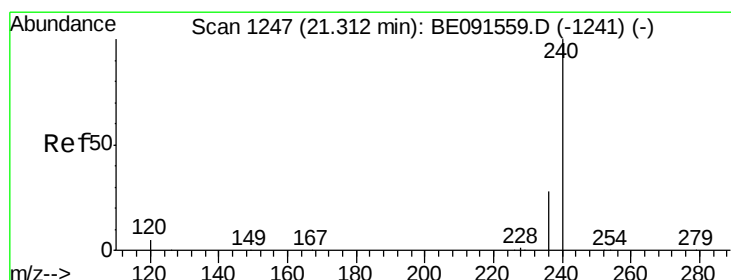
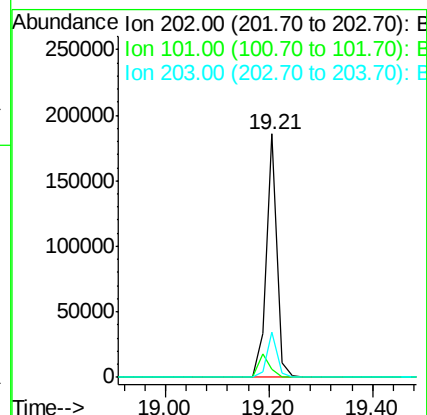
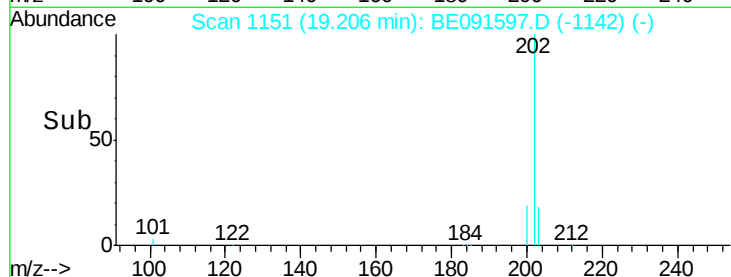
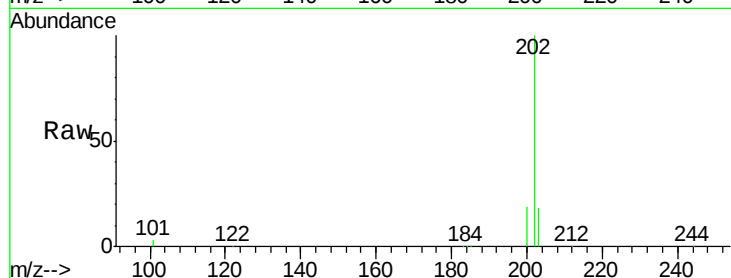
Tot Ion:202 Resp: 269093

Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

203 17.9 13.9 20.9



#22

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

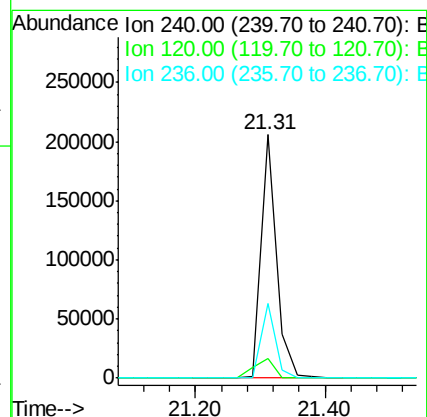
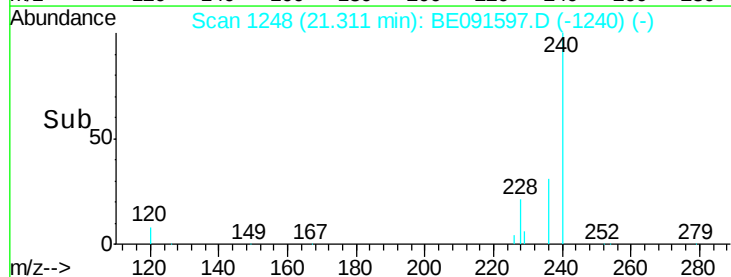
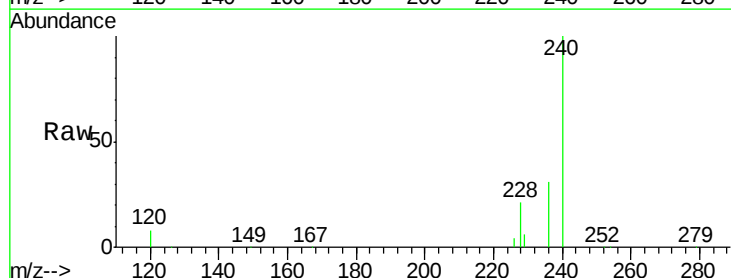
Tgt Ion:240 Resp: 343267

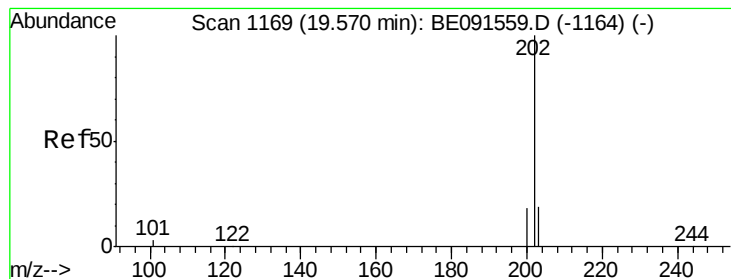
Ion Ratio Lower Upper

240 100

120 8.2 4.0 6.0#

236 30.9 23.0 34.4





#23

Pvrene

Concen: 3.96 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

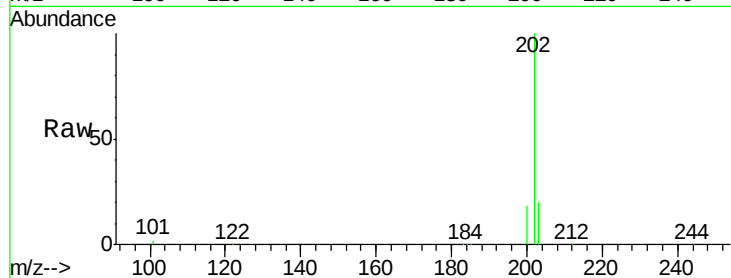
Tot Ion:202 Resp: 277147

Ion Ratio Lower Upper

202 100

200 21.0 16.4 24.6

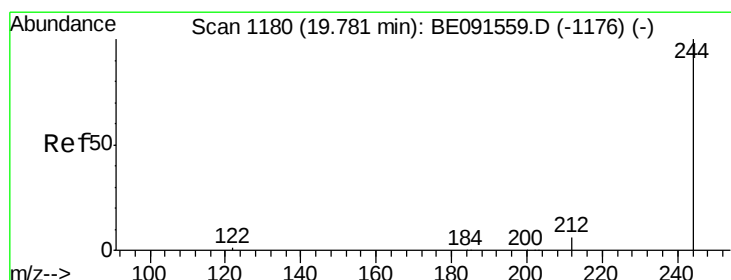
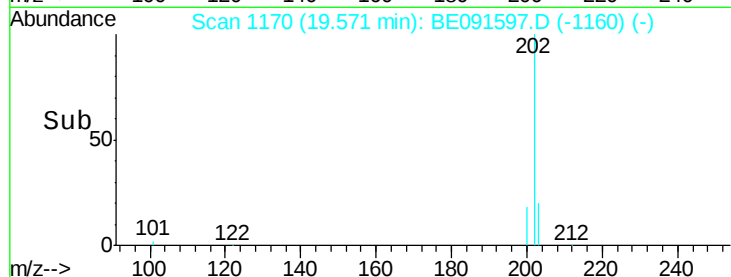
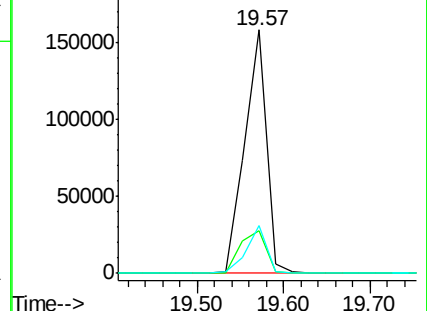
203 18.3 14.6 21.8



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: 3.77 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

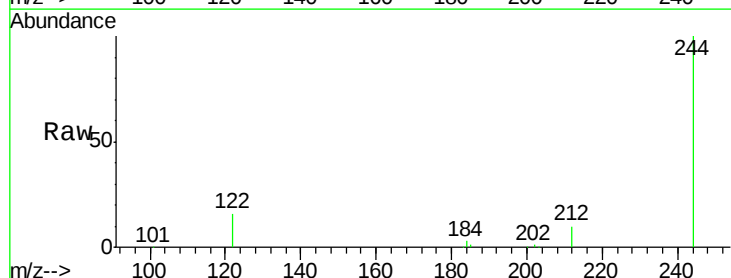
Tgt Ion:244 Resp: 164264

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

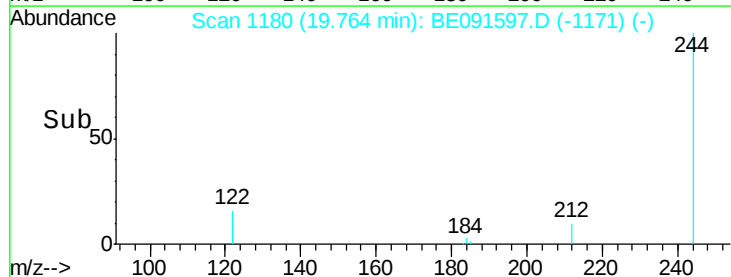
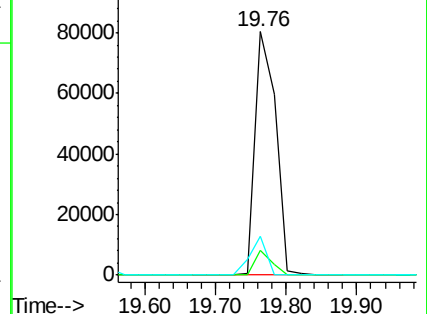
122 16.0 1.8 2.8#

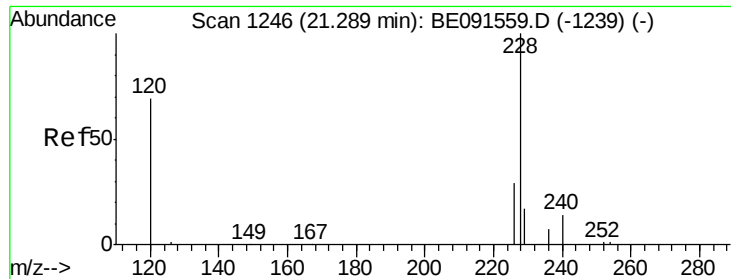


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Benzo(a)anthracene

Concen: 4.19 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

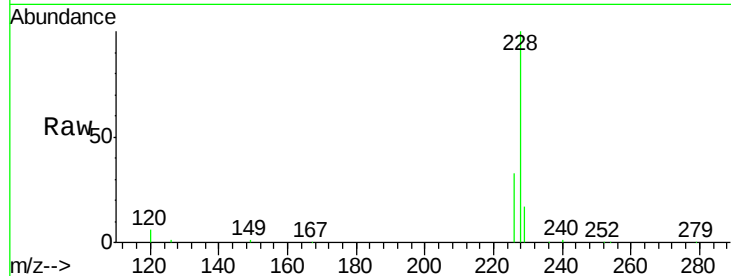
Tot Ion:228 Resp: 337436

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

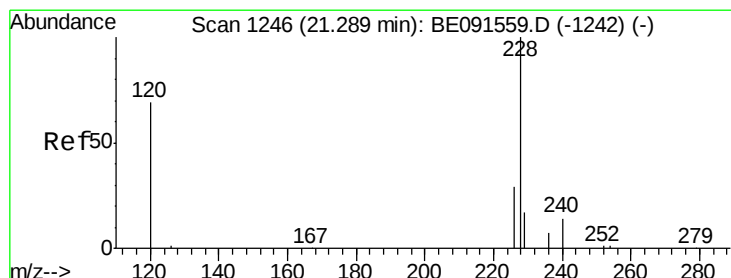
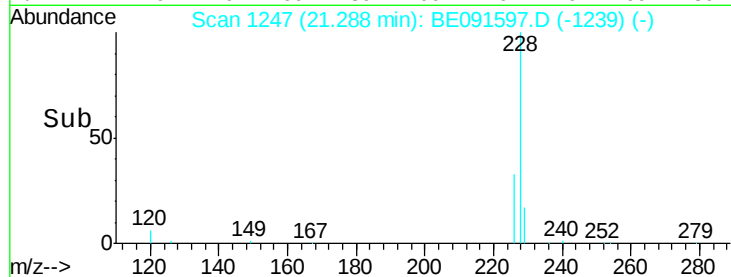
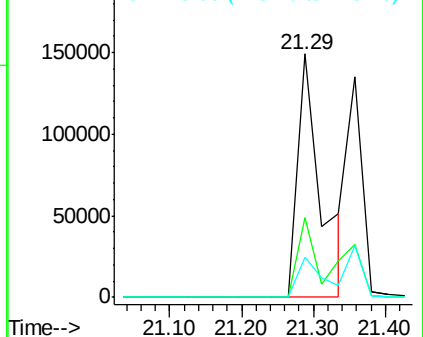
229 16.6 13.8 20.6



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: 4.89 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

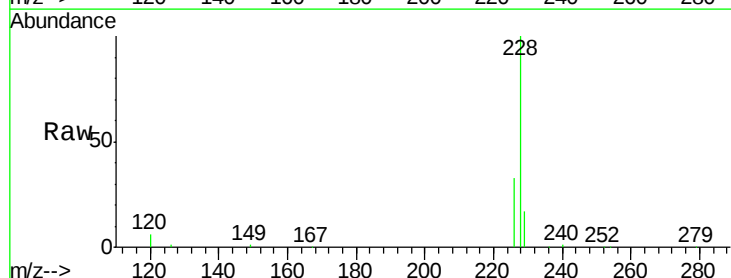
Tgt Ion:228 Resp: 337384

Ion Ratio Lower Upper

228 100

226 32.7 18.9 28.3#

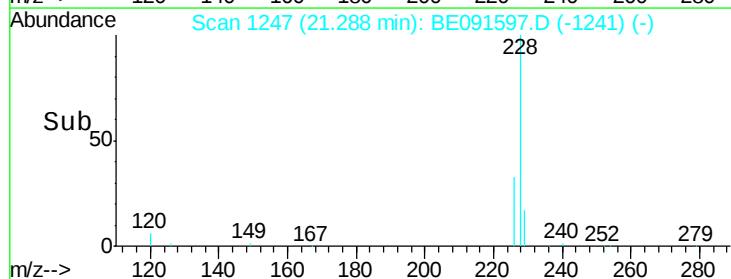
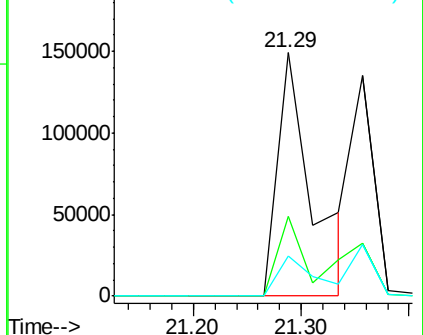
229 16.6 19.1 28.7#

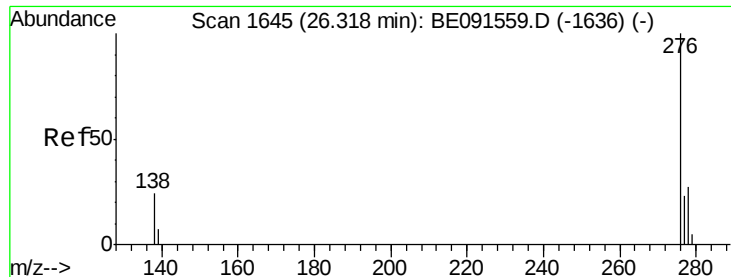


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

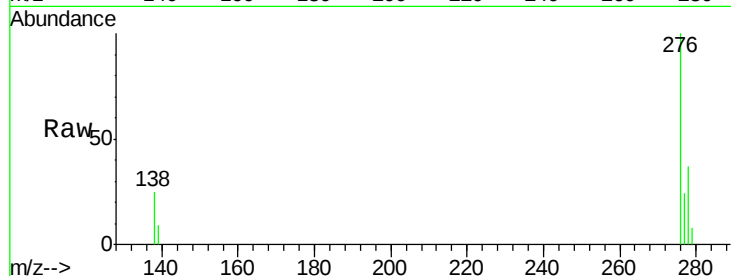




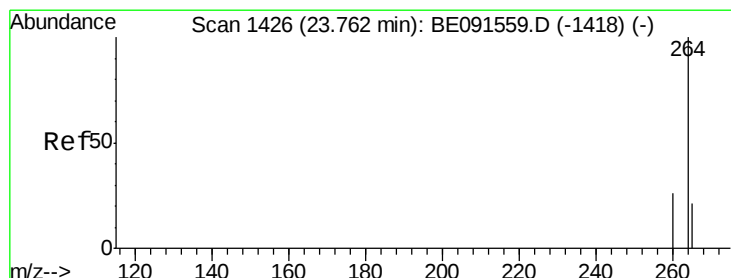
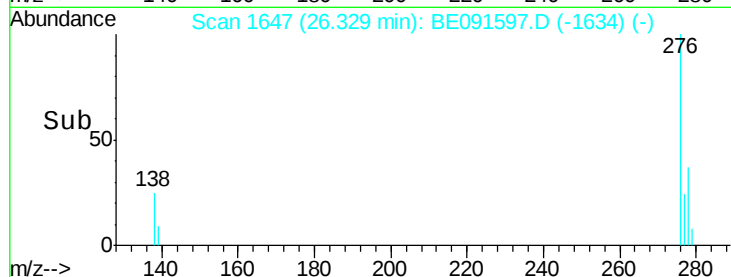
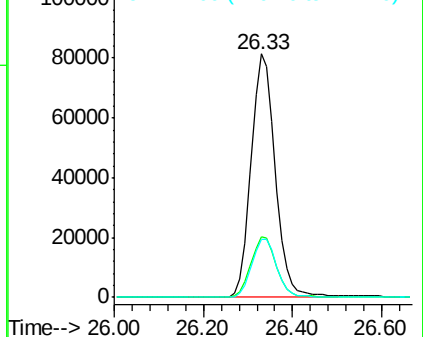
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.76 ng
 RT: 26.33 min Scan# 1647
 Delta R.T. -0.05 min
 Lab File: BE091597.D
 Acq: 1 Apr 2016 19:22

Instrument :
 BNA_E
 ClientSampleId :
 PB89421BS

Tot Ion:276 Resp: 298418
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.2 30.4
 277 24.9 19.8 29.8

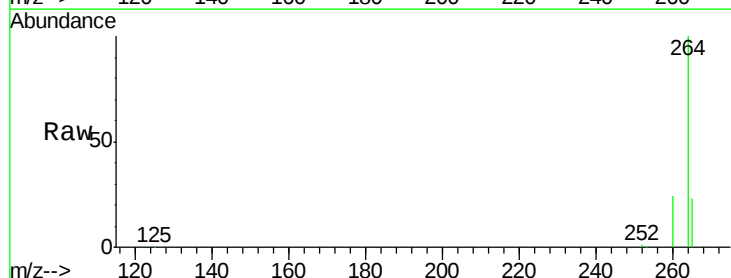


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

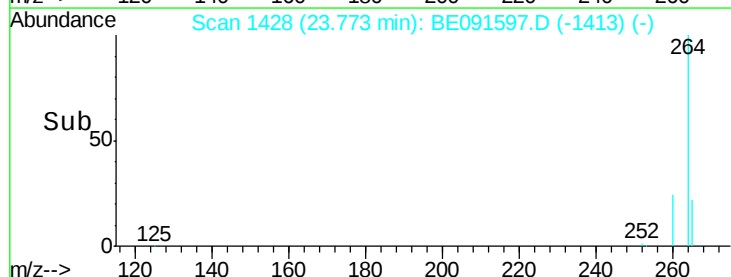
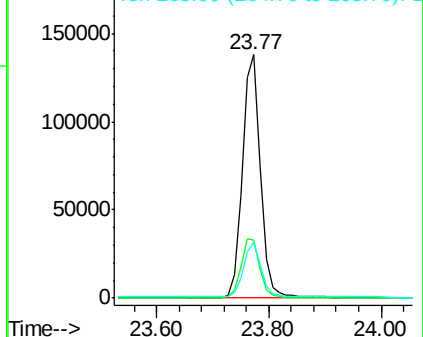


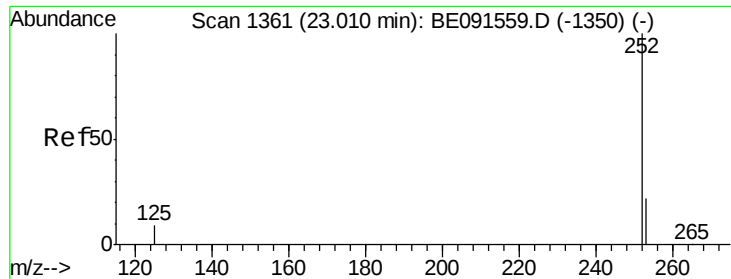
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.77 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BE091597.D
 Acq: 1 Apr 2016 19:22

Tgt Ion:264 Resp: 312625
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 22.8 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

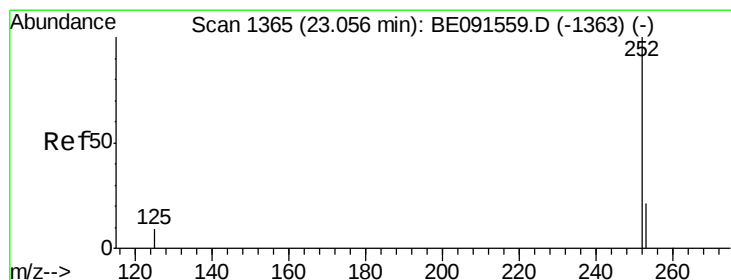
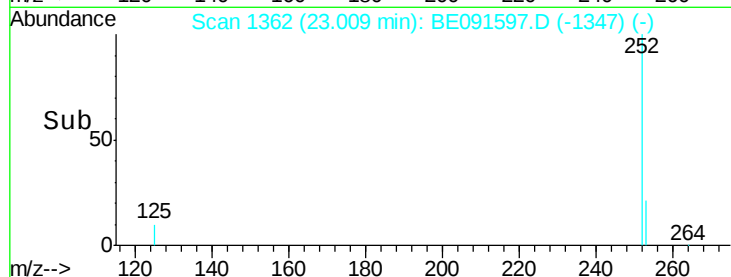
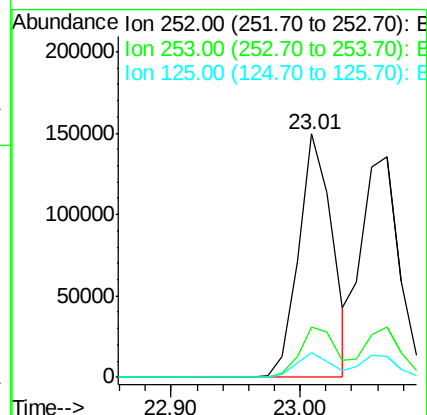
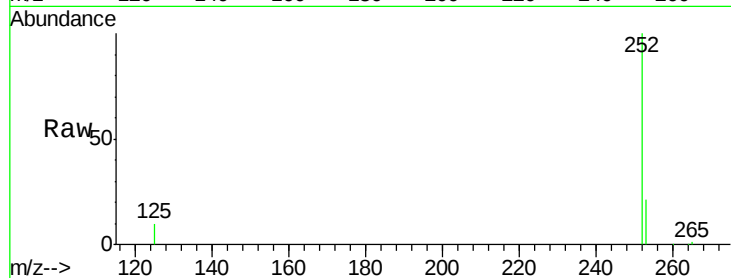




#29
Benzo(b)fluoranthene
Concen: 3.57 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BE091597.D
Acq: 1 Apr 2016 19:22

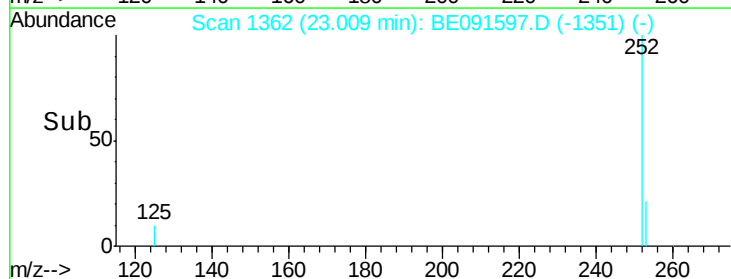
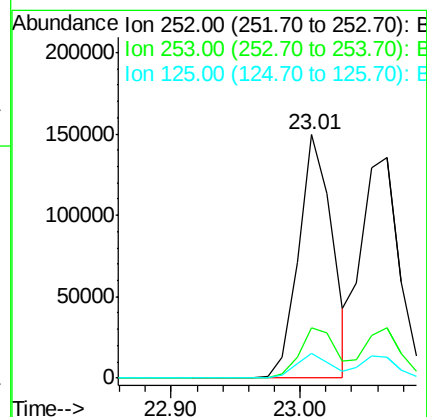
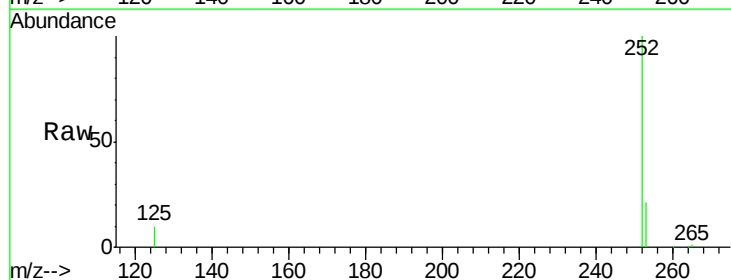
Instrument :
BNA_E
ClientSampleId :
PB89421BS

Tot Ion:252 Resp: 270567
Ion Ratio Lower Upper
252 100
253 20.9 18.7 28.1
125 10.4 9.8 14.6



#30
Benzo(k)fluoranthene
Concen: 3.69 ng
RT: 23.01 min Scan# 1362
Delta R.T. -0.07 min
Lab File: BE091597.D
Acq: 1 Apr 2016 19:22

Tgt Ion:252 Resp: 270567
Ion Ratio Lower Upper
252 100
253 20.9 20.2 30.4
125 10.4 9.4 14.2





#31

Benzo(a)pyrene

Concen: 3.68 ng

RT: 23.66 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS

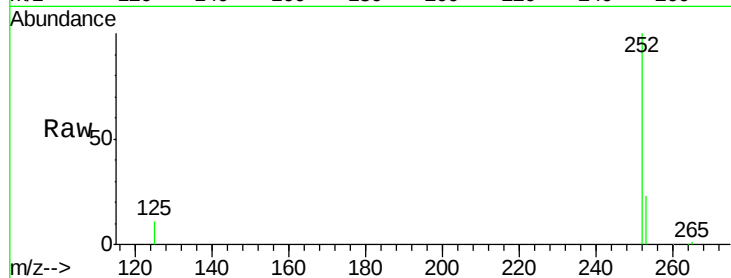
Tot Ion:252 Resp: 255113

Ion Ratio Lower Upper

252 100

253 22.9 19.4 29.0

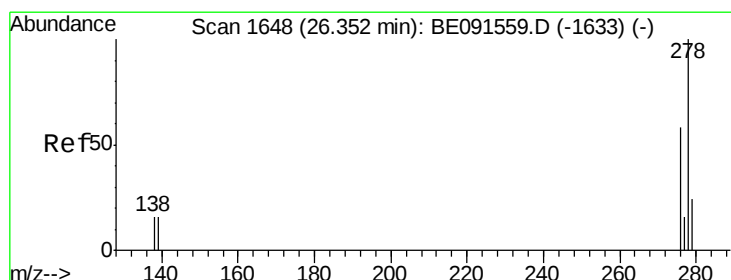
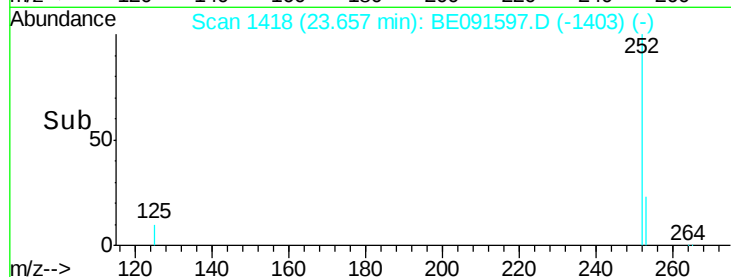
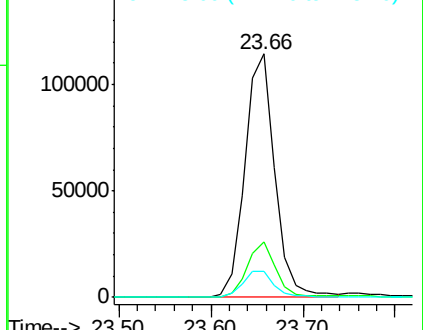
125 10.5 11.4 17.2#



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: 3.72 ng

RT: 26.35 min Scan# 1649

Delta R.T. -0.05 min

Lab File: BE091597.D

Acq: 1 Apr 2016 19:22

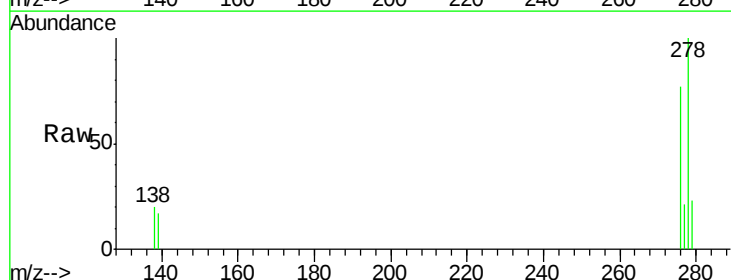
Tgt Ion:278 Resp: 252876

Ion Ratio Lower Upper

278 100

139 17.2 14.2 21.4

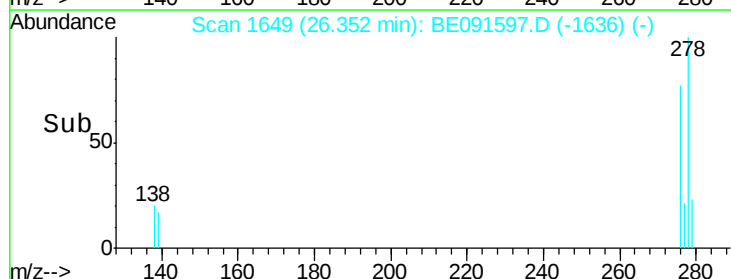
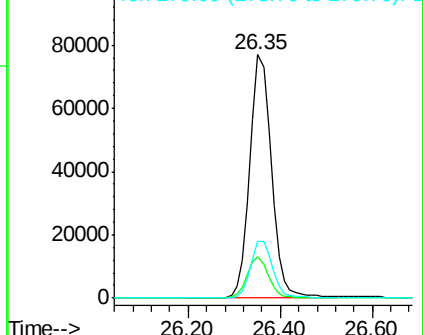
279 23.4 19.6 29.4

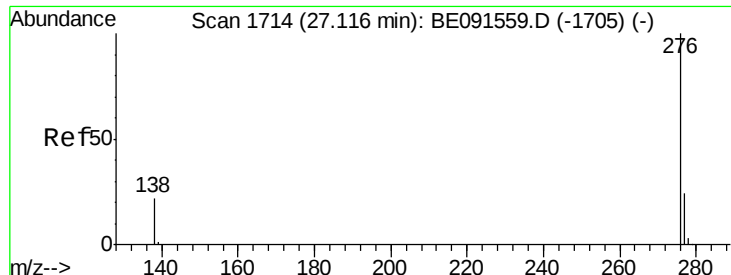


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.66 ng

RT: 27.13 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BE091597.D

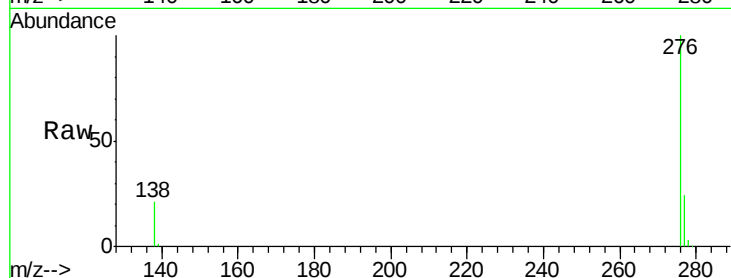
Acq: 1 Apr 2016 19:22

Instrument :

BNA_E

ClientSampleId :

PB89421BS



Tot Ion: 276 Resp: 254014

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 21.1 18.2 27.4

