

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093873.D
 Acq On : 22 Aug 2017 13:33
 Operator : SJ/JU
 Sample : PB101705BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101705BSD

Quant Time: Aug 23 01:00:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1515	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6690	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	3535	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	7894	0.40	ng	0.00
27) Chrysene-d12	21.41	240	11556	0.40	ng	0.01
34) Perylene-d12	23.93	264	9973	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1613	0.33	ng	0.00
5) Phenol-d6	7.10	99	2123	0.28	ng	0.01
8) Nitrobenzene-d5	9.06	82	1902	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4654	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	325	0.34	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	4441	0.32	ng	0.01
25) Fluoranthene-d10	19.28	212	40240	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	8317	0.40	ng	0.00

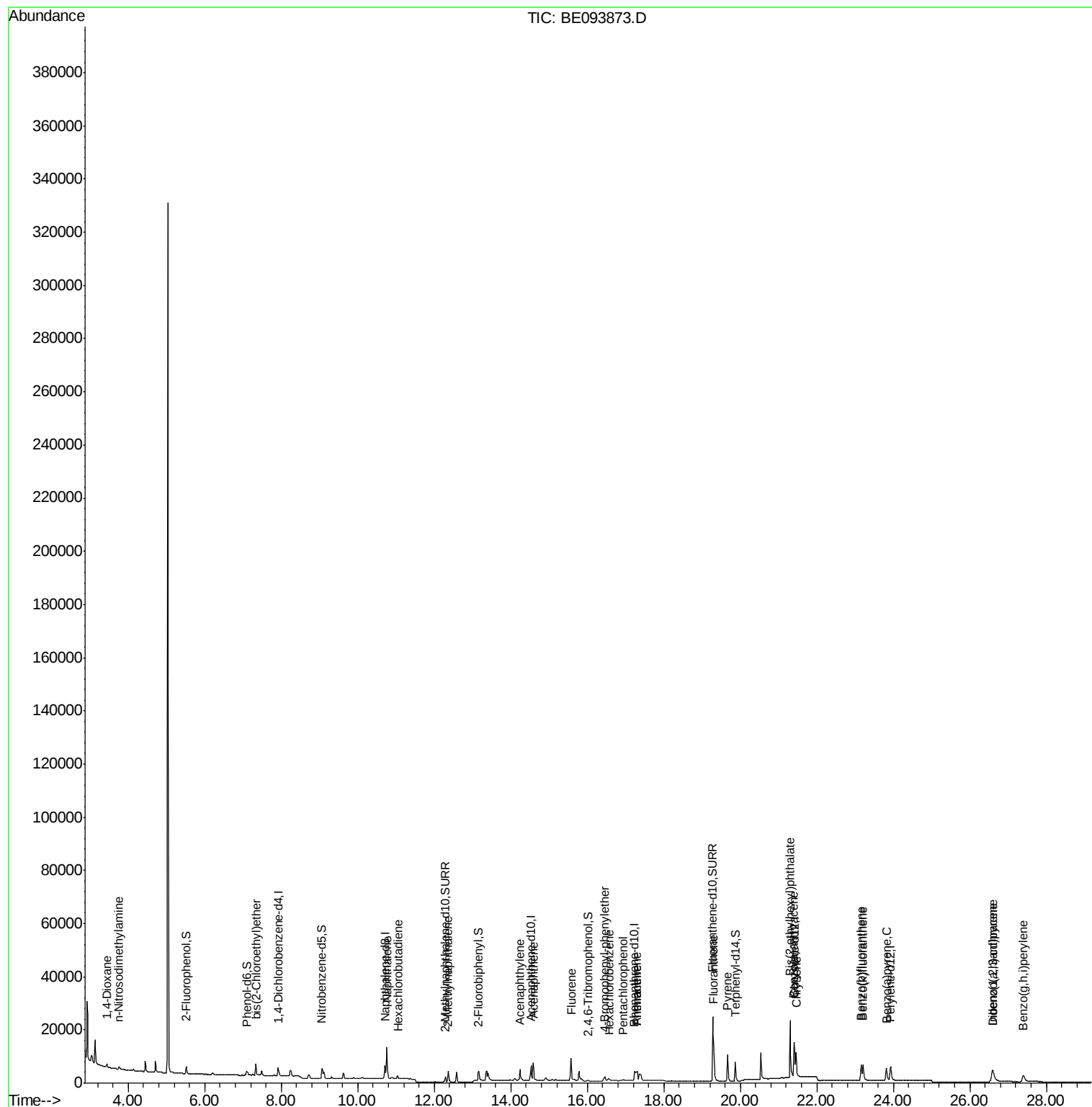
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	711	0.312	ng	# 25
3) n-Nitrosodimethylamine	3.75	42	752	0.317	ng	92
6) bis(2-Chloroethyl)ether	7.34	93	1662	0.287	ng	# 100
9) Naphthalene	10.76	128	22913	0.299	ng	99
10) Hexachlorobutadiene	11.04	225	857	0.301	ng	98
12) 2-Methylnaphthalene	12.36	142	3780	0.292	ng	98
16) Acenaphthylene	14.24	152	5435	0.306	ng	# 87
17) Acenaphthene	14.58	154	3571	0.298	ng	99
18) Fluorene	15.58	166	4905	0.317	ng	# 87
20) 4-Bromophenyl-phenylether	16.45	248	1263	0.565	ng	# 69
21) Hexachlorobenzene	16.58	284	1031	0.433	ng	# 100
22) Pentachlorophenol	16.94	266	696	0.417	ng	91
23) Phenanthrene	17.30	178	7095	0.422	ng	99
24) Anthracene	17.30	178	7080	0.277	ng	# 92
26) Fluoranthene	19.31	202	10794	0.392	ng	99
28) Pyrene	19.67	202	11125	0.294	ng	# 97
30) Benzo(a)anthracene	21.40	228	10712	0.292	ng	95
31) Chrysene	21.46	228	11684	0.312	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	25252	0.321	ng	98
33) Indeno(1,2,3-cd)pyrene	26.59	276	9246	0.256	ng	92
35) Benzo(b)fluoranthene	23.16	252	9228	0.267	ng	96
36) Benzo(k)fluoranthene	23.21	252	10777	0.312	ng	98
37) Benzo(a)pyrene	23.81	252	9883	0.303	ng	98
38) Dibenzo(a,h)anthracene	26.61	278	7760	0.254	ng	95
39) Benzo(g,h,i)perylene	27.39	276	8131	0.265	ng	96

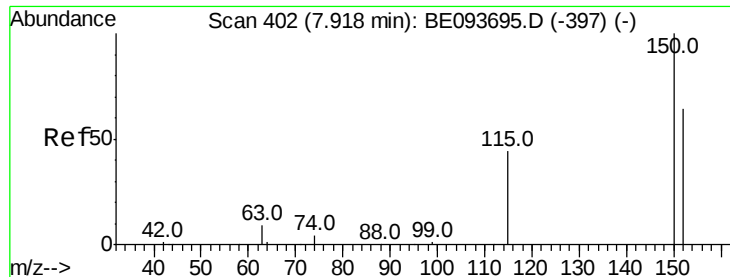
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
Data File : BE093873.D
Acq On : 22 Aug 2017 13:33
Operator : SJ/JU
Sample : PB101705BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB101705BSD

Quant Time: Aug 23 01:00:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 14:30:21 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

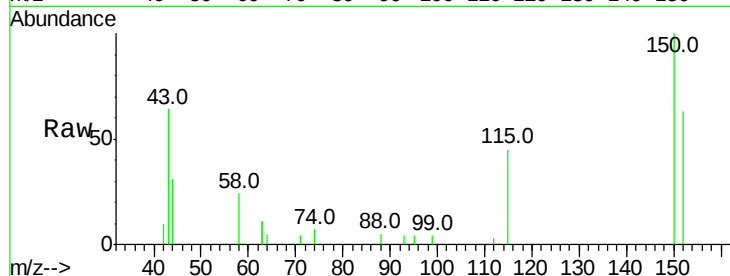
Tot Ion:152 Resp: 1515

Ion Ratio Lower Upper

152 100

150 157.6 125.1 187.7

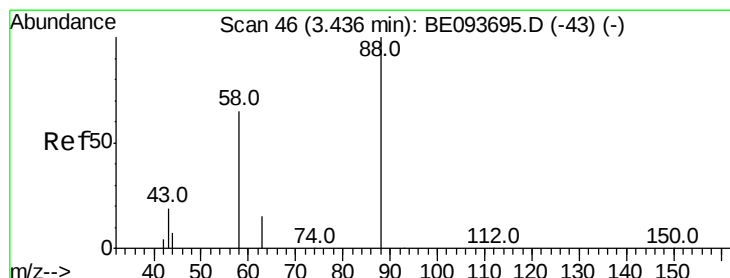
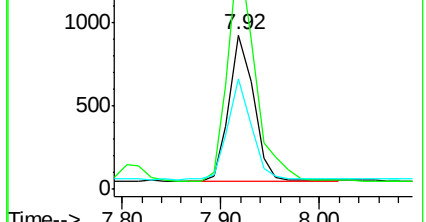
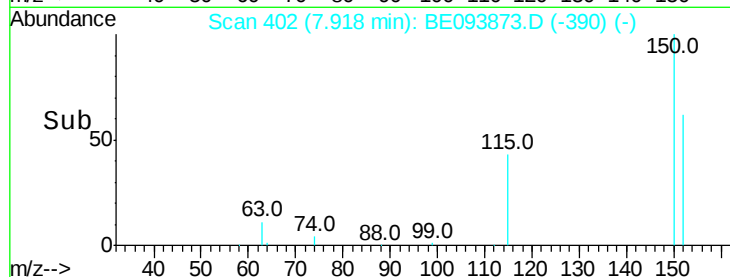
115 71.3 55.7 83.5



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: 0.312 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

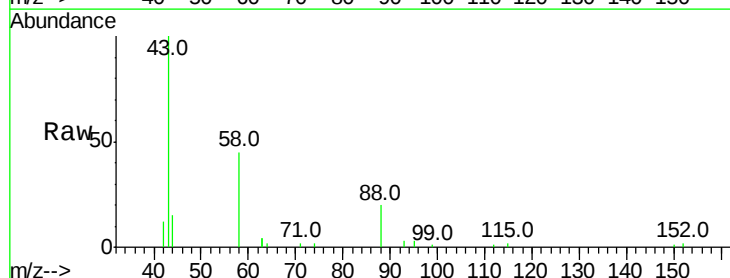
Tgt Ion: 88 Resp: 711

Ion Ratio Lower Upper

88 100

58 150.2 62.2 93.4#

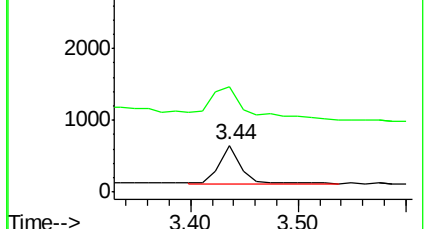
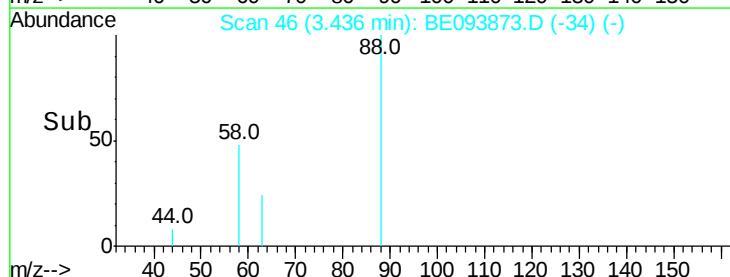
43 0.0 23.2 34.8#

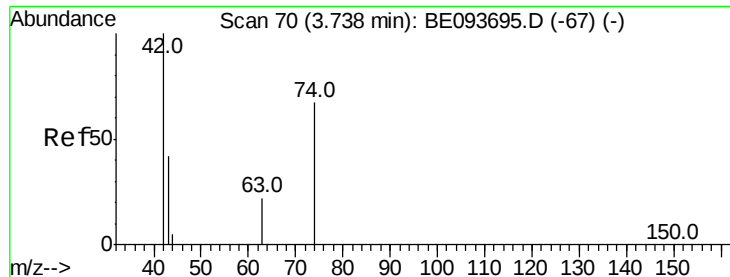


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



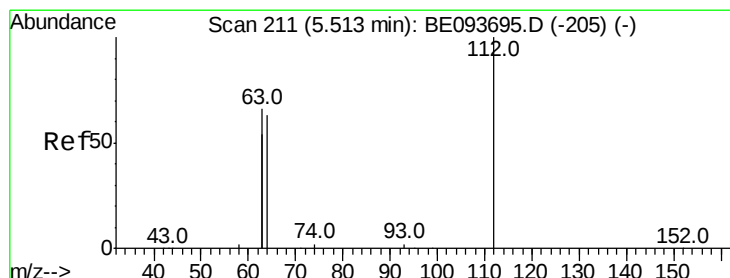
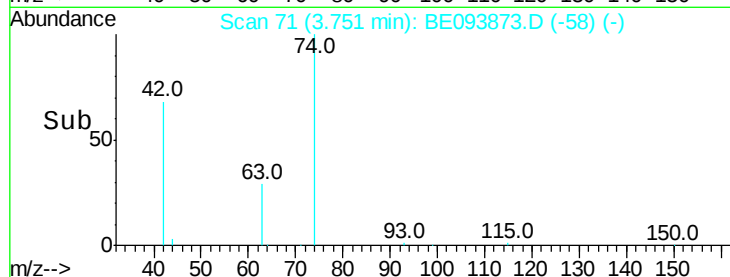
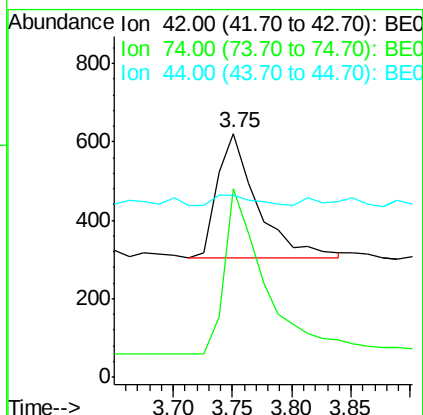
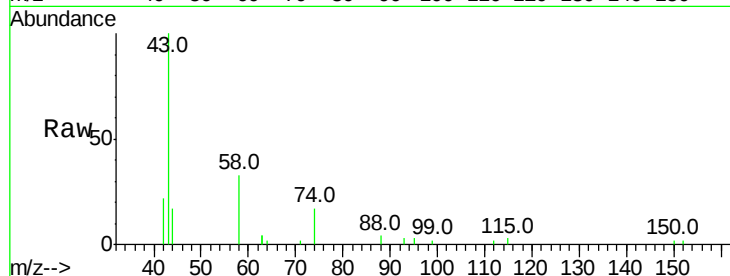


#3

n-Nitrosodimethylamine
 Concen: 0.317 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

Instrument :
 BNA_E
 ClientSampleId :
 PB101705BSD

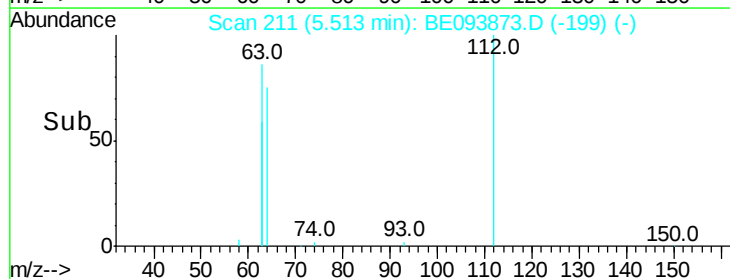
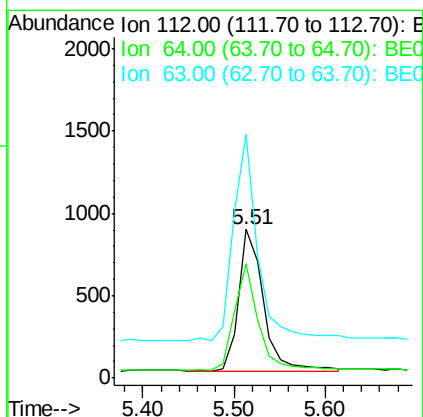
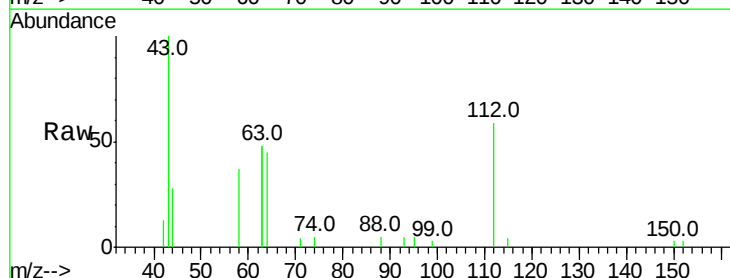
Tot Ion: 42 Resp: 752
 Ion Ratio Lower Upper
 42 100
 74 133.1 99.1 148.7
 44 8.8 7.4 11.2

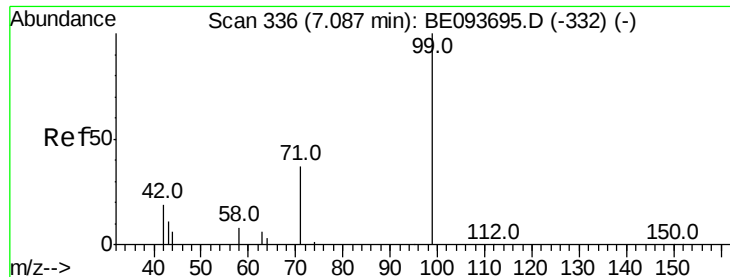


#4

2-Fluorophenol
 Concen: 0.329 ng
 RT: 5.51 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

Tgt Ion: 112 Resp: 1613
 Ion Ratio Lower Upper
 112 100
 64 72.7 56.4 84.6
 63 142.9 29.3 43.9#





#5

Phenol-d6

Concen: 0.284 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

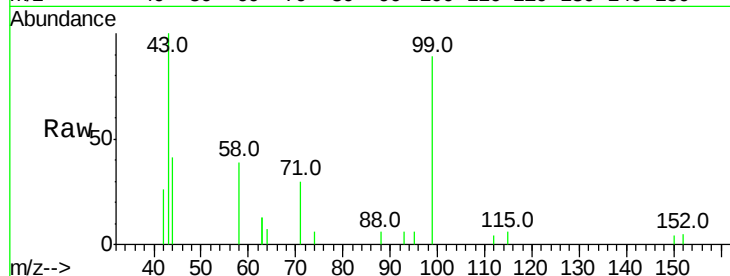
Tot Ion: 99 Resp: 2123

Ion Ratio Lower Upper

99 100

42 19.9 0.0 0.0#

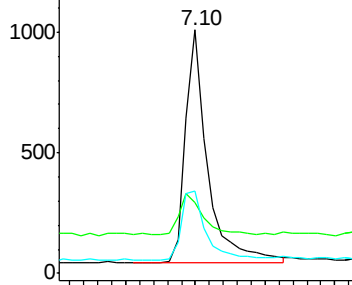
71 33.9 0.0 0.0#



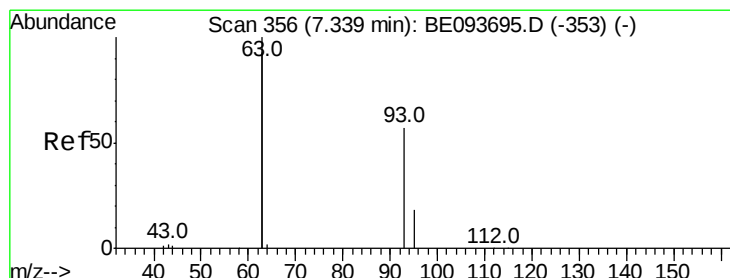
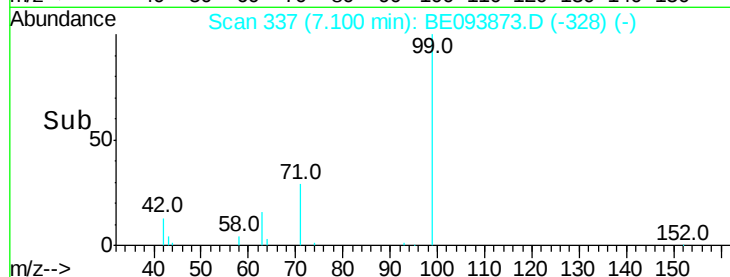
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.287 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

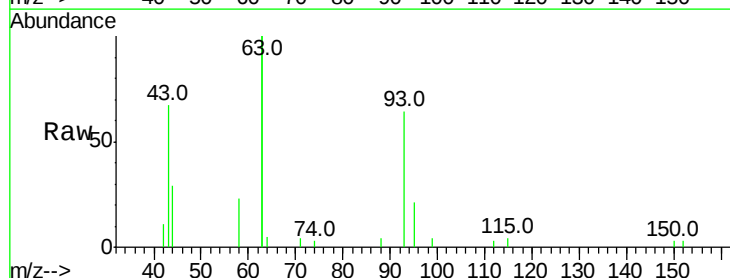
Tgt Ion: 93 Resp: 1662

Ion Ratio Lower Upper

93 100

63 350.5 0.0 0.0#

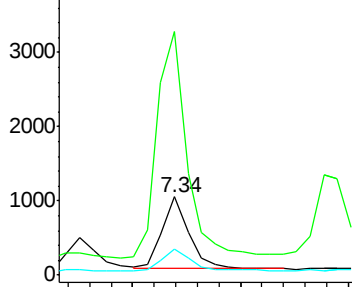
95 31.7 25.4 38.0



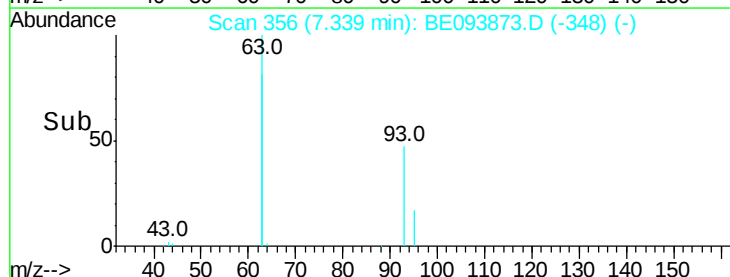
Abundance Ion 93.00 (92.70 to 93.70): BE0

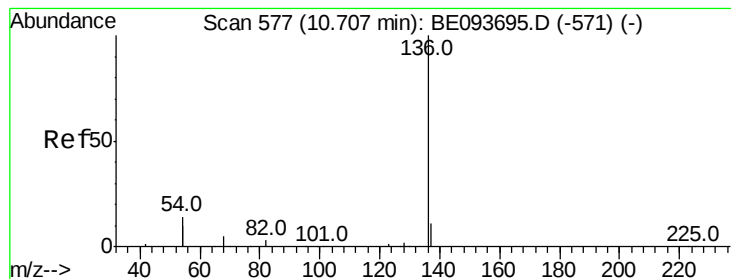
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

Tot Ion:136 Resp: 6690

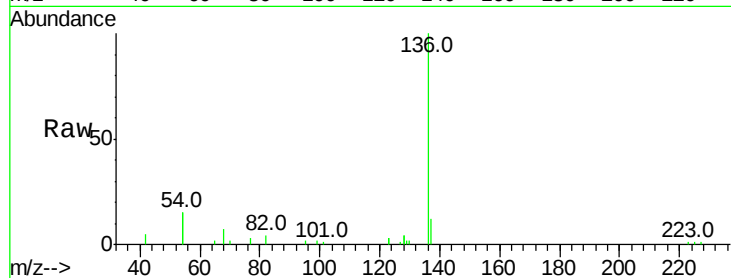
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 29.8 10.3 15.5#

68 6.6 9.0 13.4#

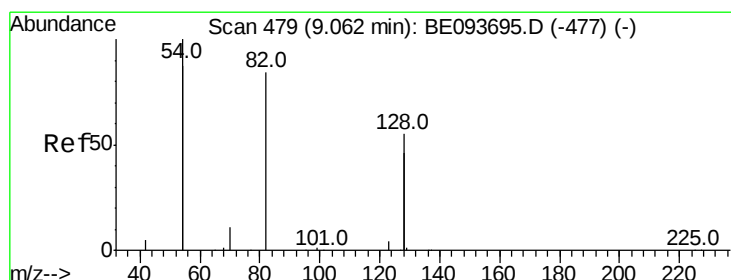
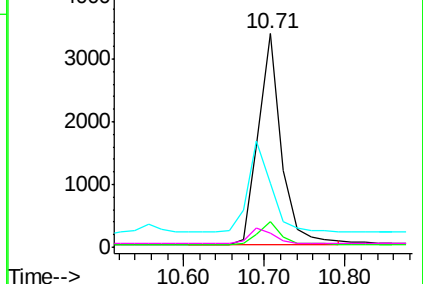
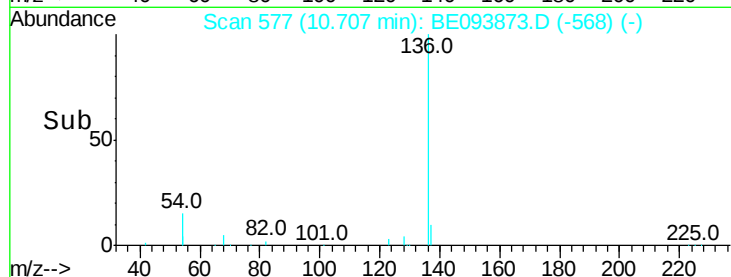


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.332 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

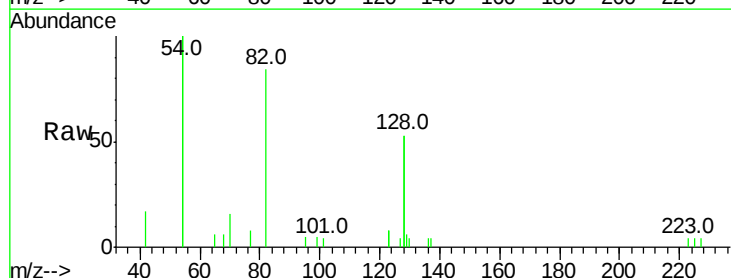
Tgt Ion: 82 Resp: 1902

Ion Ratio Lower Upper

82 100

128 125.2 17.0 25.4#

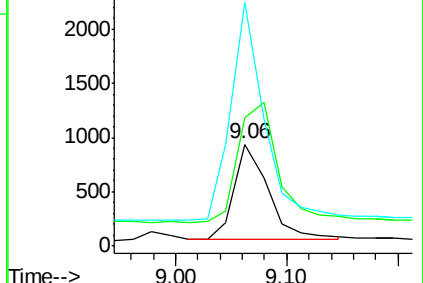
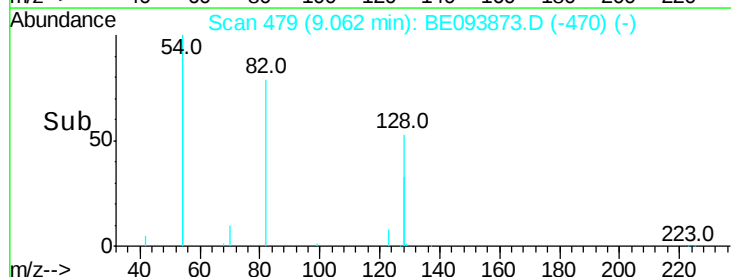
54 238.3 53.8 80.6#

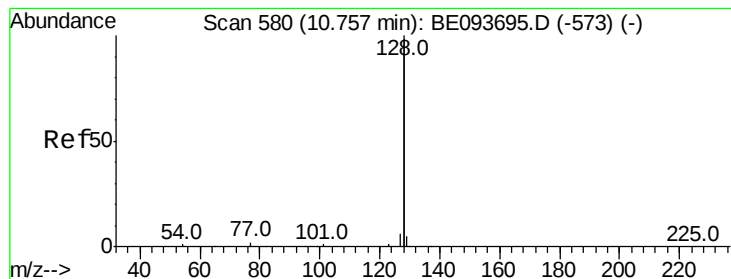


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.299 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

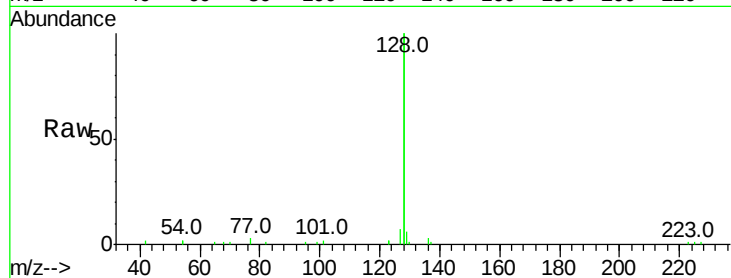
Tot Ion:128 Resp: 22913

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

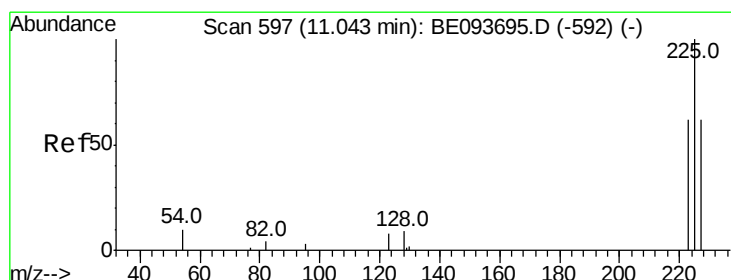
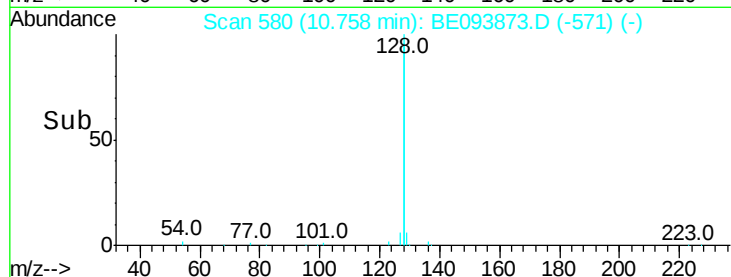
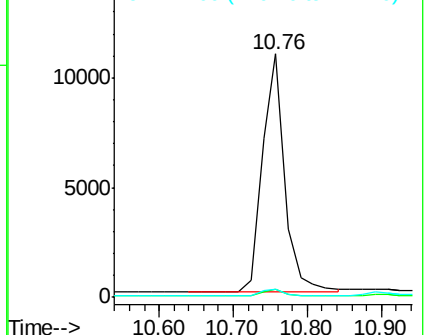
127 3.5 2.4 3.6



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



#10

Hexachlorobutadiene

Concen: 0.301 ng

RT: 11.04 min Scan# 597

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

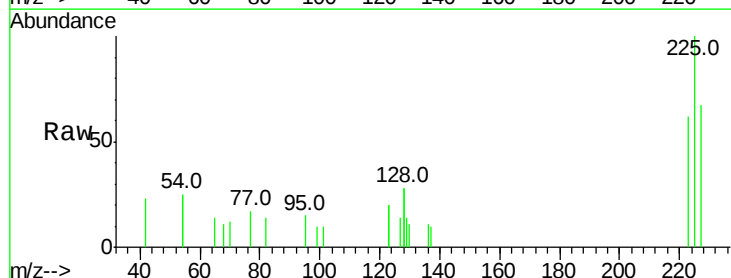
Tgt Ion:225 Resp: 857

Ion Ratio Lower Upper

225 100

223 61.0 49.7 74.5

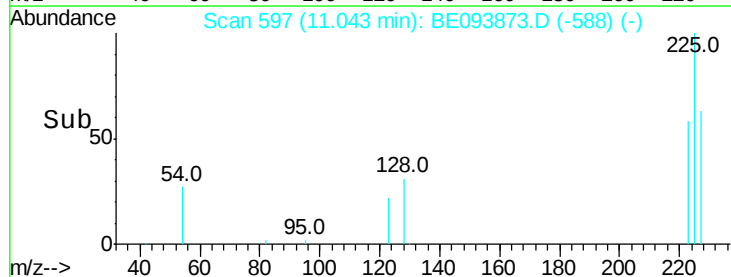
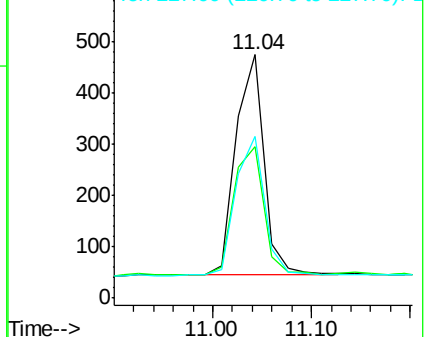
227 65.0 50.3 75.5

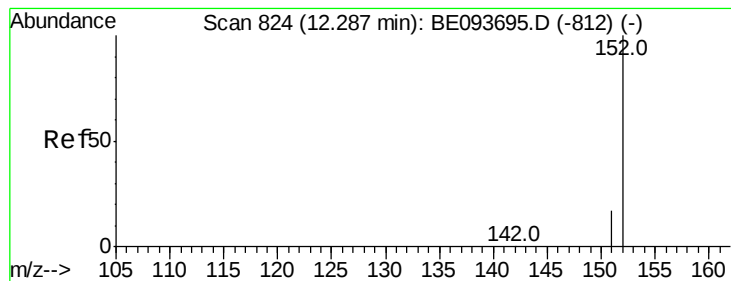


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

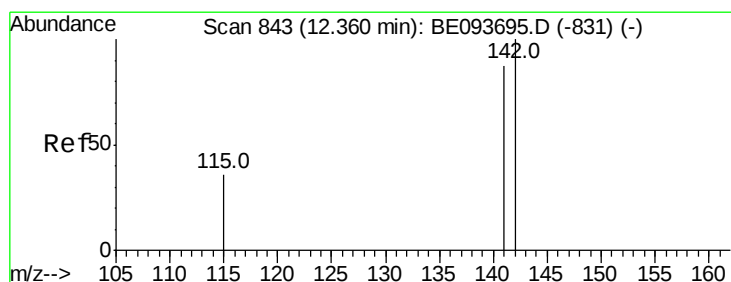
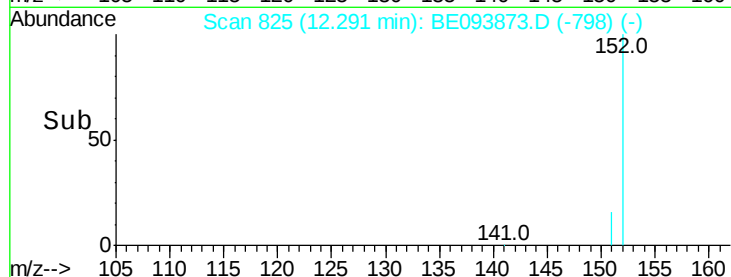
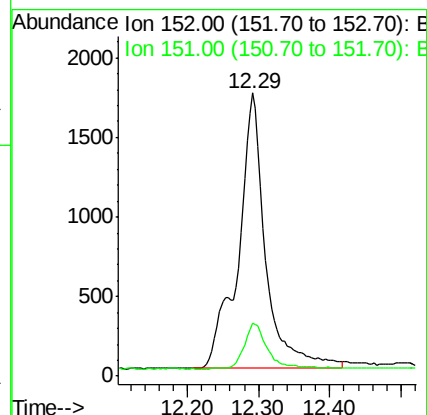
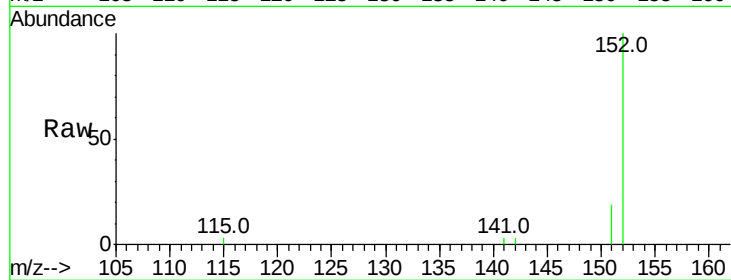
PB101705BSD

Tot Ion:152 Resp: 4654

Ion Ratio Lower Upper

152 100

151 14.1 15.1 22.7#



#12

2-Methylnaphthalene

Concen: 0.292 ng

RT: 12.36 min Scan# 844

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

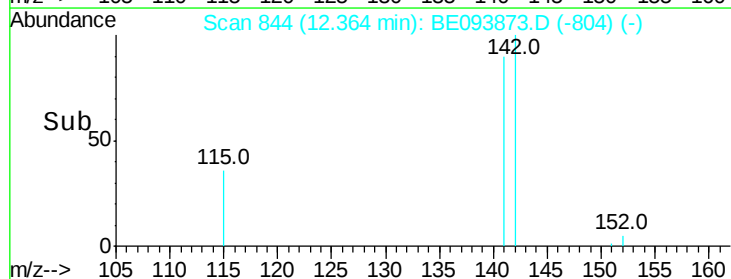
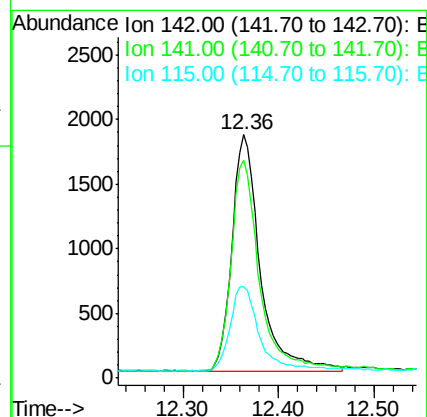
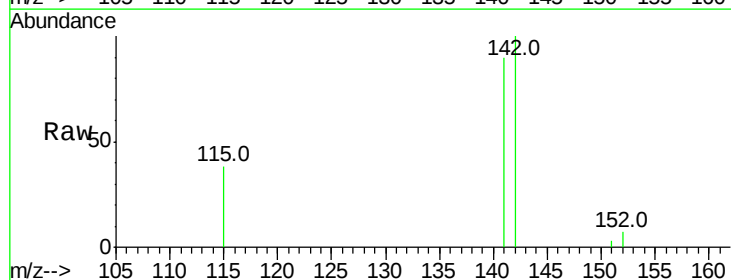
Tgt Ion:142 Resp: 3780

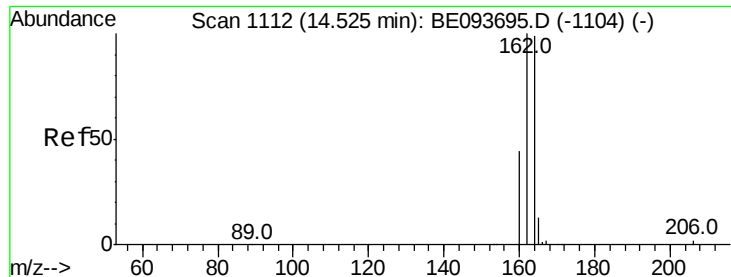
Ion Ratio Lower Upper

142 100

141 89.7 72.6 108.8

115 37.7 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

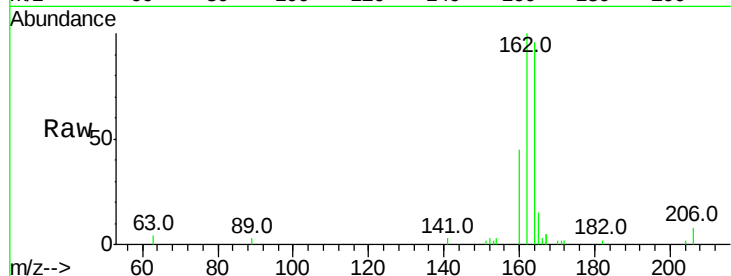
Tot Ion:164 Resp: 3535

Ion Ratio Lower Upper

164 100

162 104.4 84.6 127.0

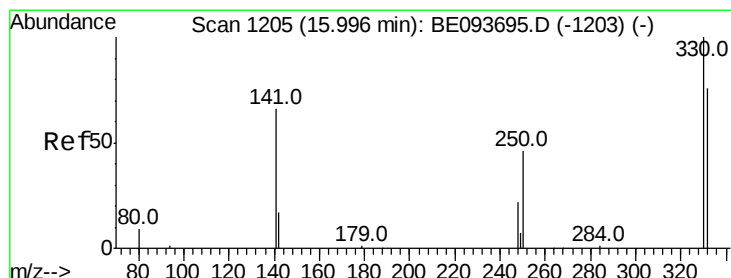
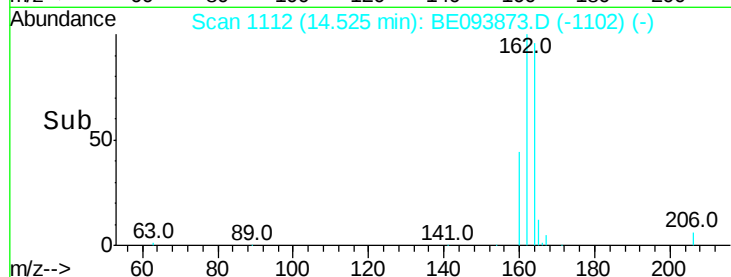
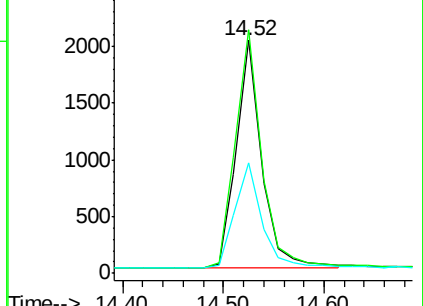
160 47.4 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.336 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

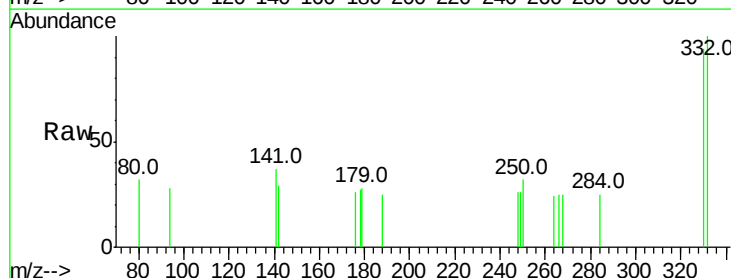
Tgt Ion:330 Resp: 325

Ion Ratio Lower Upper

330 100

332 102.2 77.7 116.5

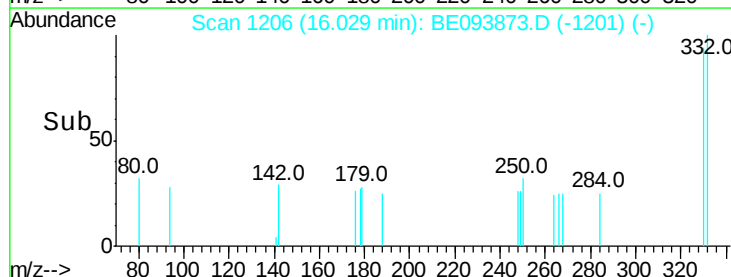
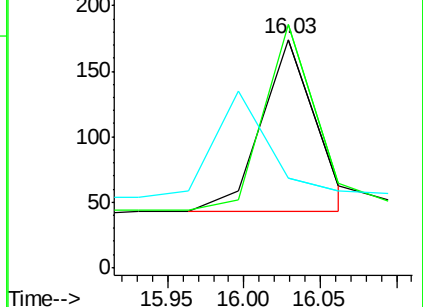
141 0.0 56.2 84.4#

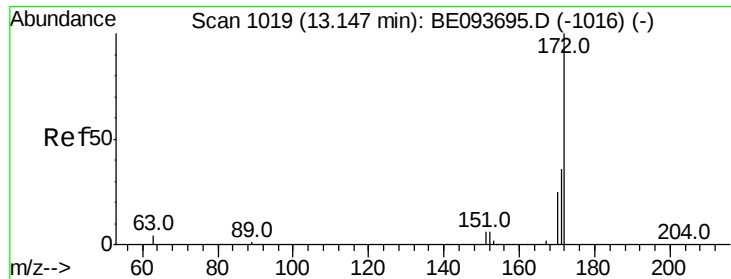


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

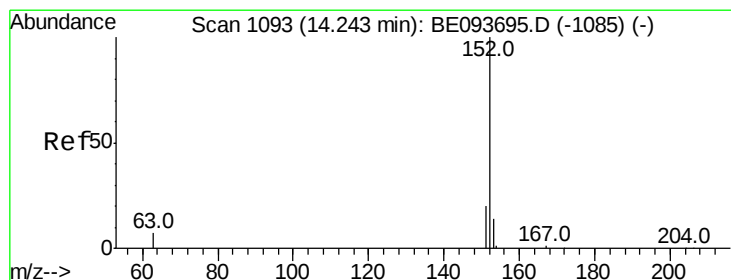
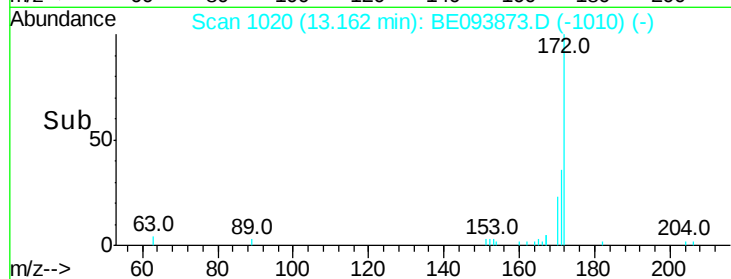
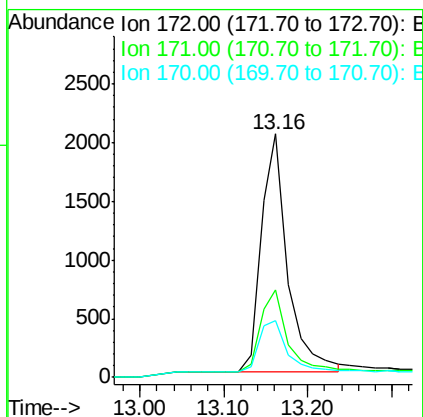
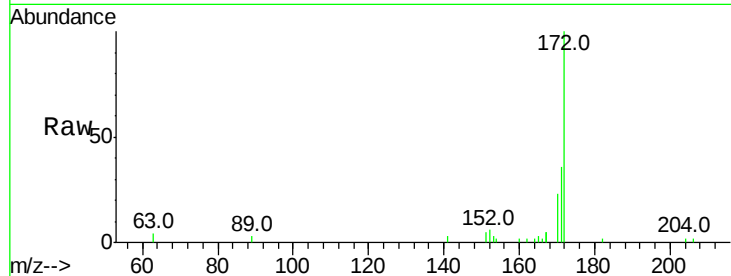




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

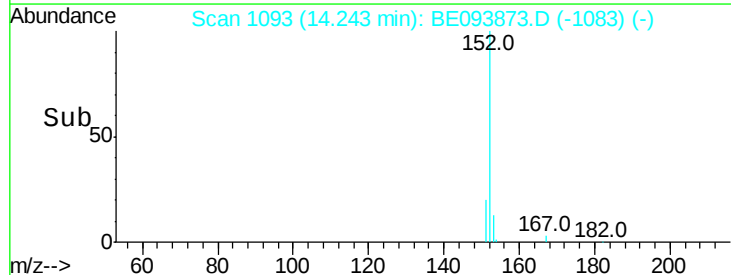
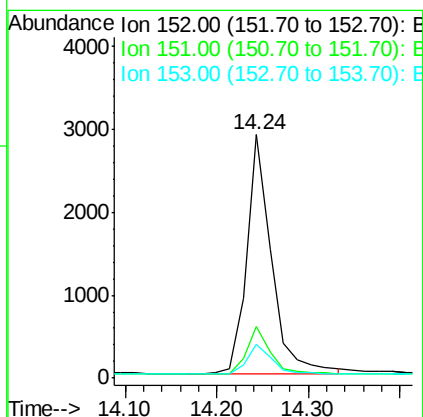
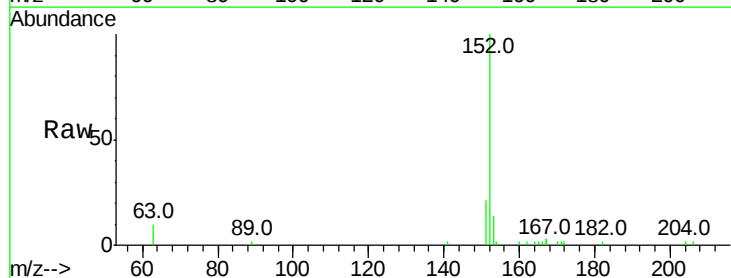
Instrument :
BNA_E
ClientSampleId :
PB101705BSD

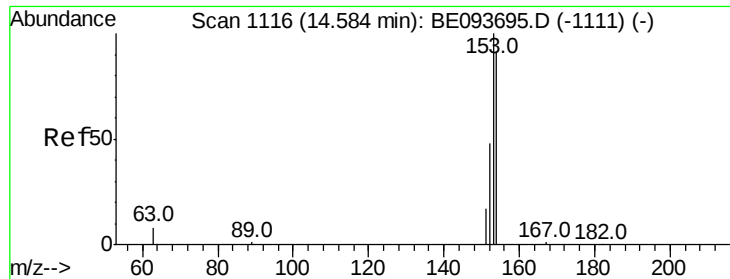
Tot Ion:172 Resp: 4441
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 23.4 20.7 31.1



#16
Acenaphthylene
Concen: 0.306 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093873.D
Acq: 22 Aug 2017 13:33

Tgt Ion:152 Resp: 5435
Ion Ratio Lower Upper
152 100
151 19.5 4.0 6.0#
153 12.6 10.3 15.5





#17

Acenaphthene

Concen: 0.298 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

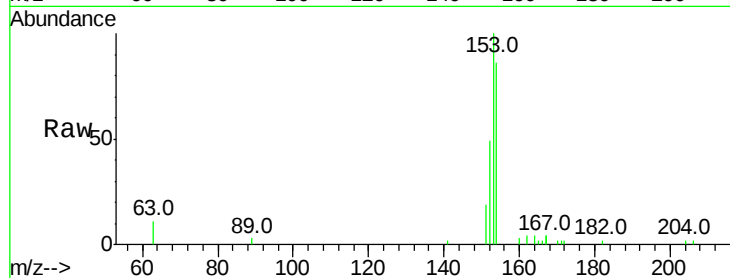
Tot Ion:154 Resp: 3571

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

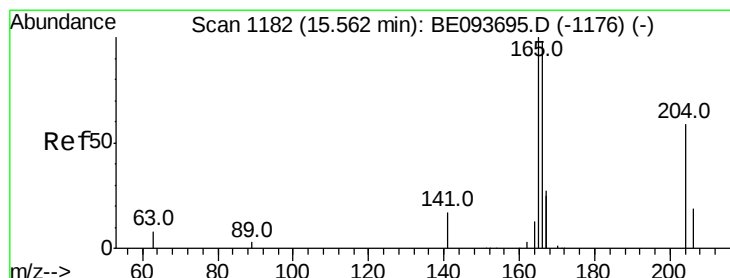
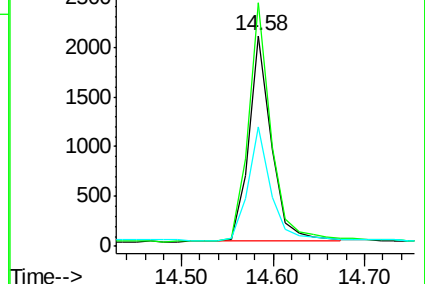
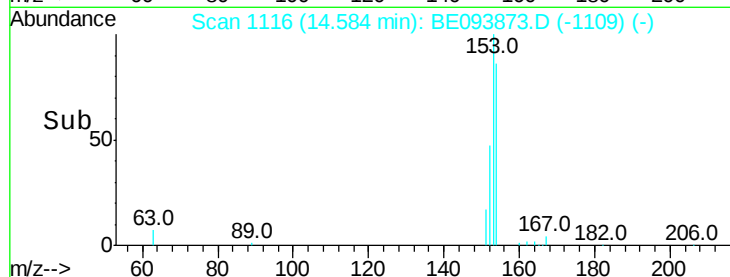
152 55.4 44.8 67.2



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



#18

Fluorene

Concen: 0.317 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

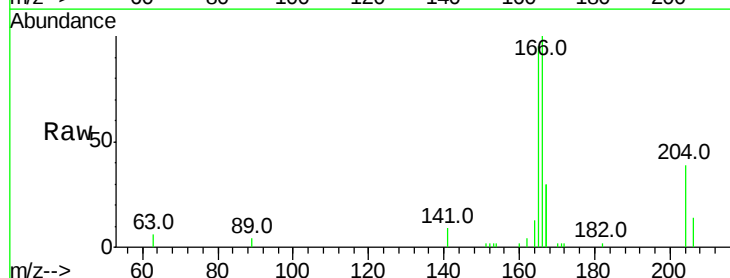
Tgt Ion:166 Resp: 4905

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

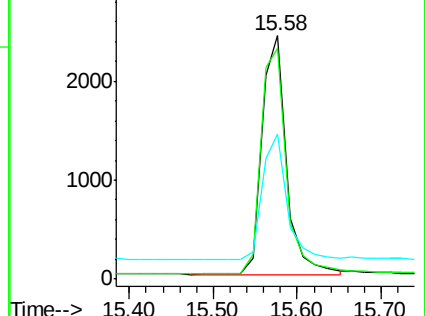
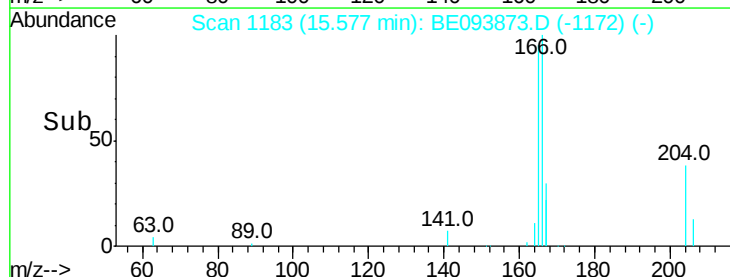
167 53.1 11.1 16.7#

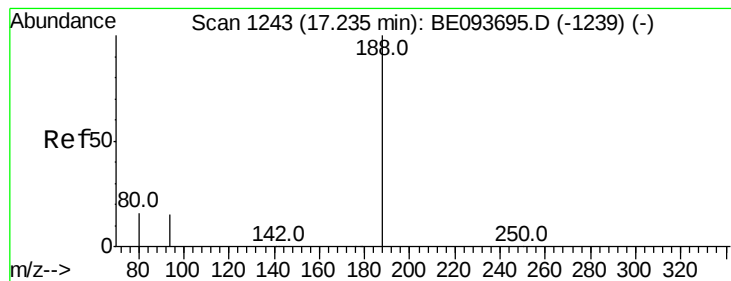


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

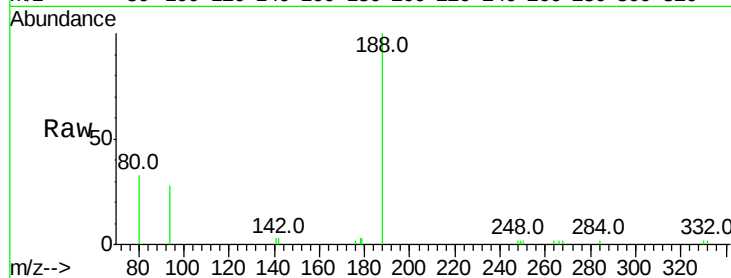
Tot Ion:188 Resp: 7894

Ion Ratio Lower Upper

188 100

94 28.3 11.3 16.9#

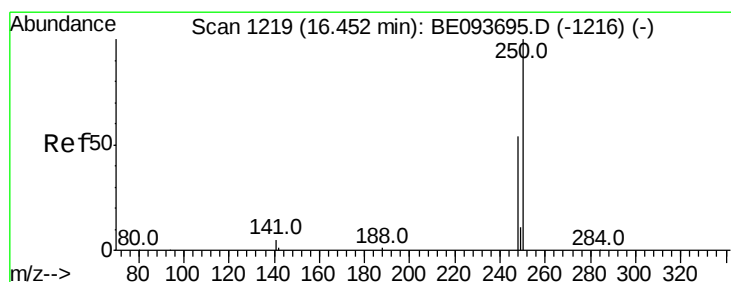
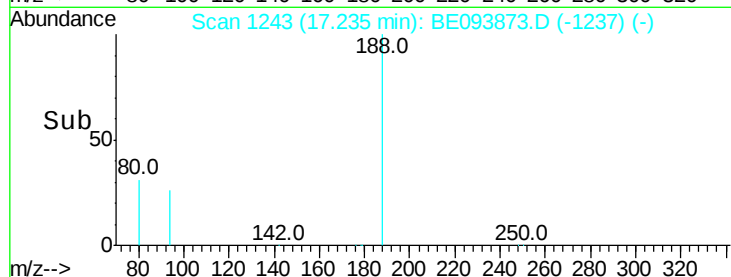
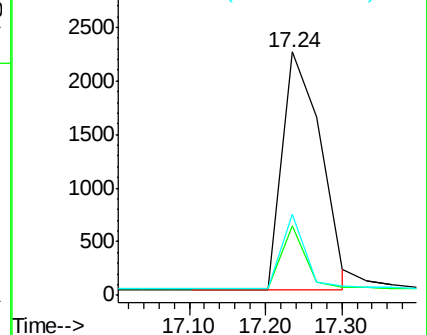
80 33.3 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.565 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

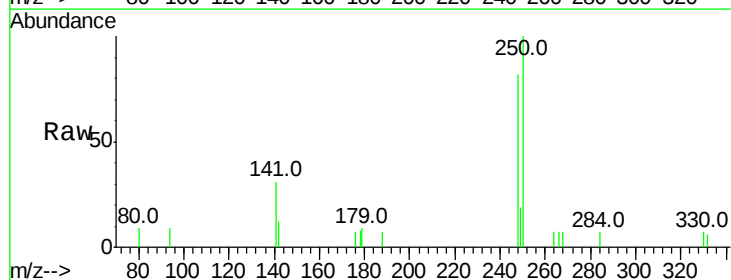
Tgt Ion:248 Resp: 1263

Ion Ratio Lower Upper

248 100

250 121.4 128.0 192.0#

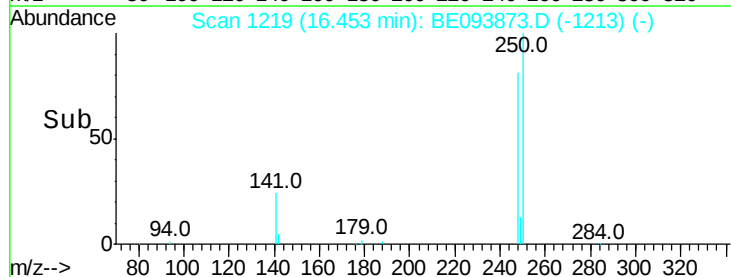
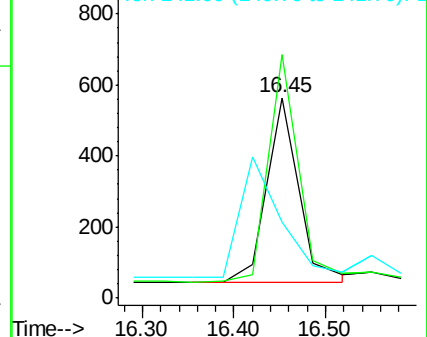
141 37.5 12.0 18.0#

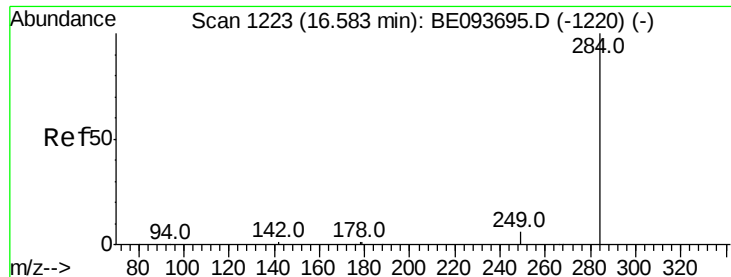


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

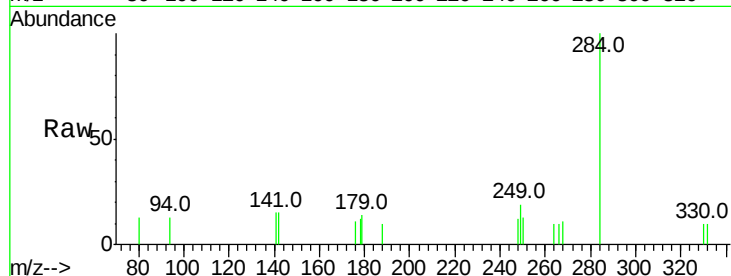
Tot Ion:284 Resp: 1031

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

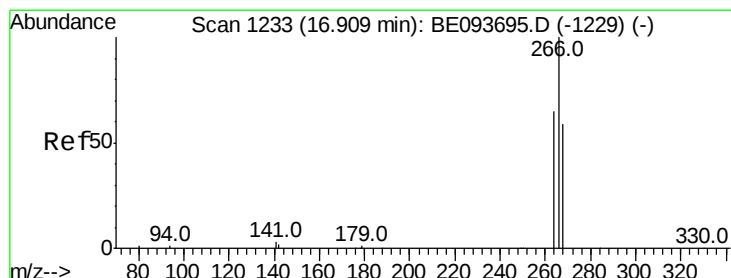
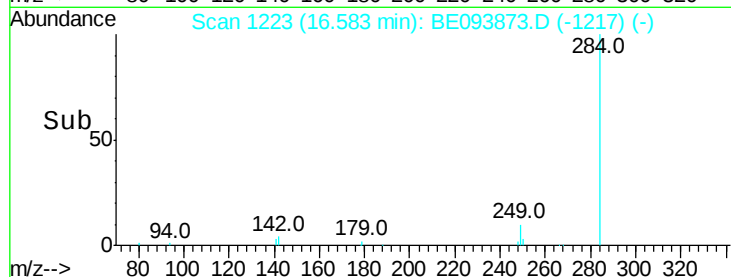
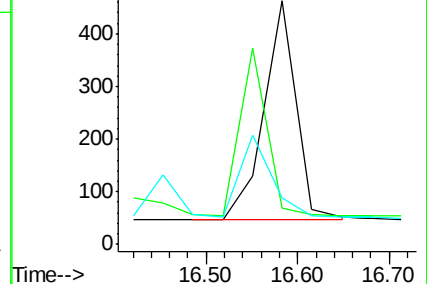
249 0.0 0.0 0.0



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



#22

Pentachlorophenol

Concen: 0.417 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.03 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

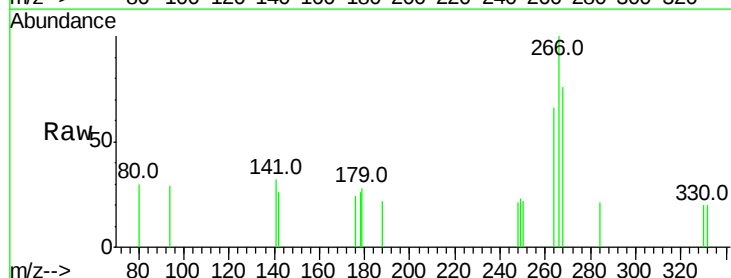
Tgt Ion:266 Resp: 696

Ion Ratio Lower Upper

266 100

264 66.4 56.0 84.0

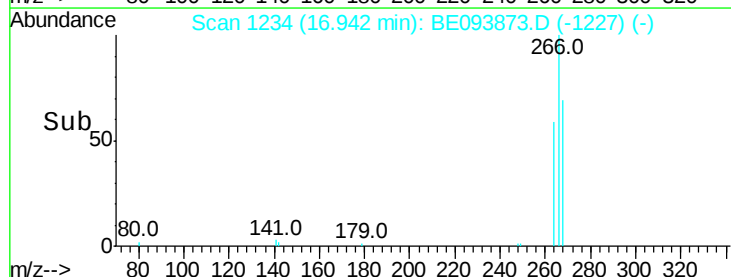
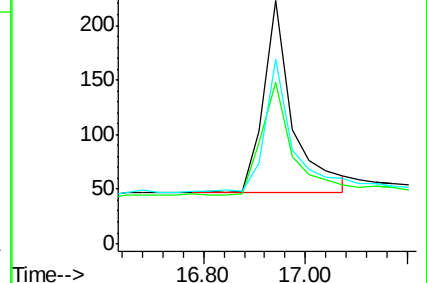
268 75.8 52.0 78.0

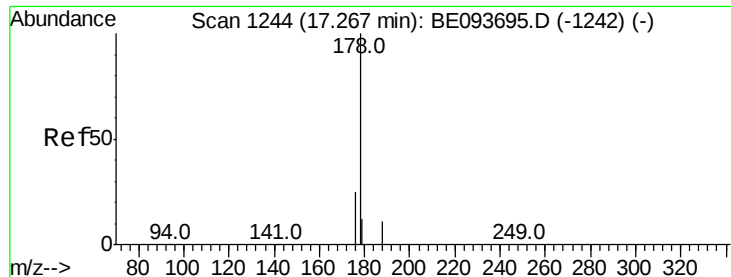


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.422 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.03 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

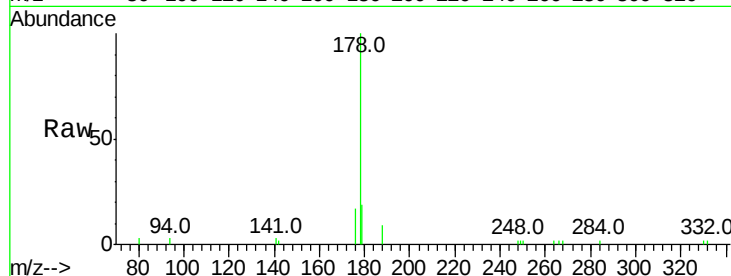
Tot Ion:178 Resp: 7095

Ion Ratio Lower Upper

178 100

176 17.8 15.0 22.4

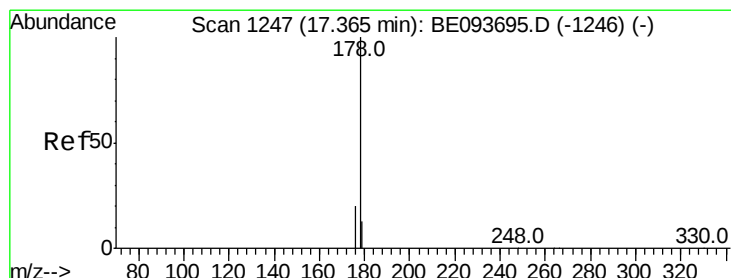
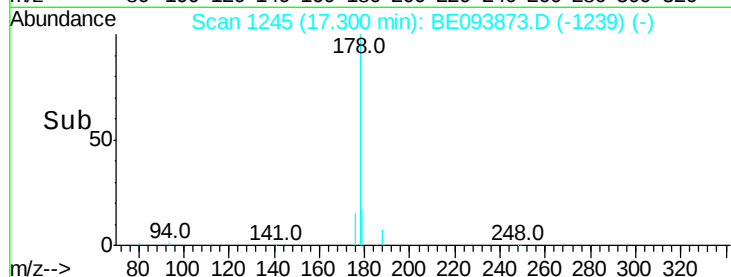
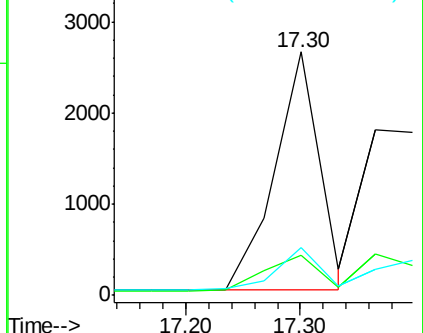
179 16.3 12.7 19.1



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



#24

Anthracene

Concen: 0.277 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.06 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

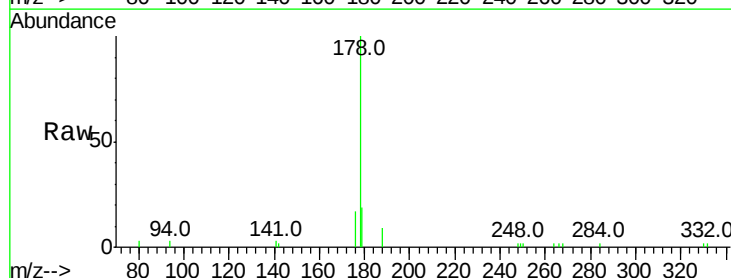
Tgt Ion:178 Resp: 7080

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

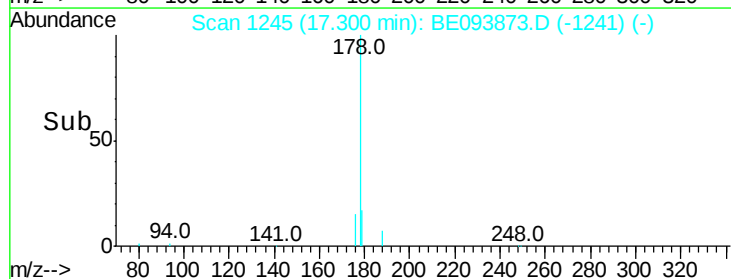
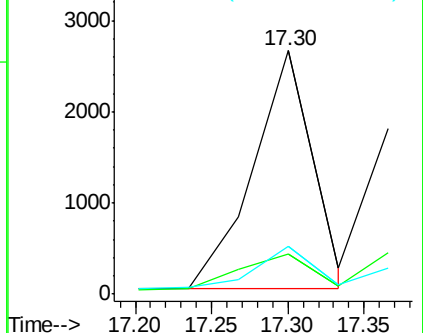
179 21.7 12.0 18.0#

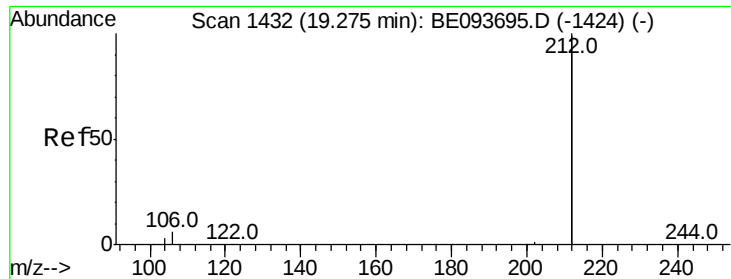


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

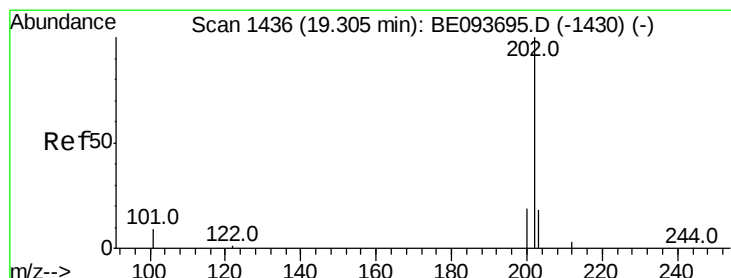
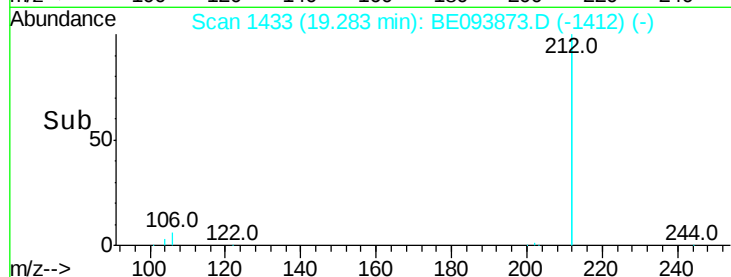
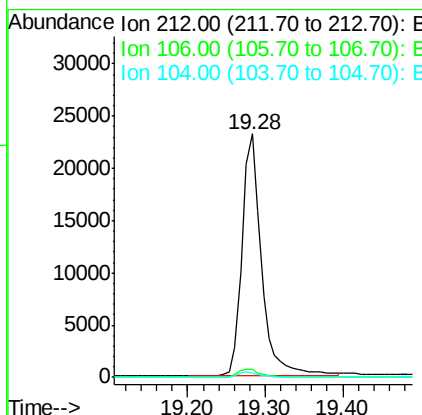
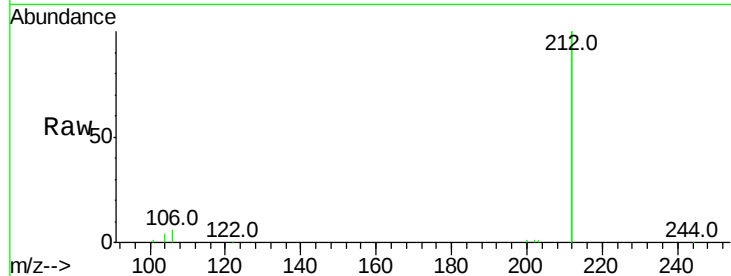




#25
 Fluoranthene-d10
 Concen: 0.447 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

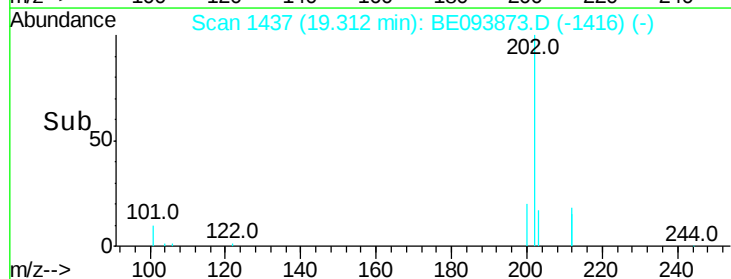
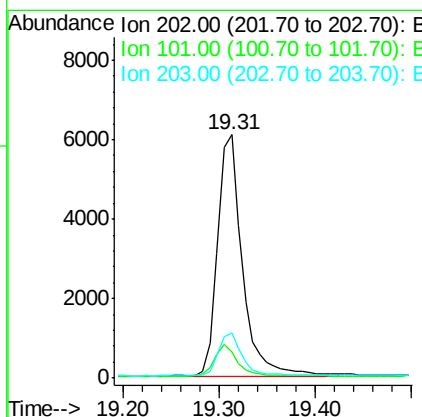
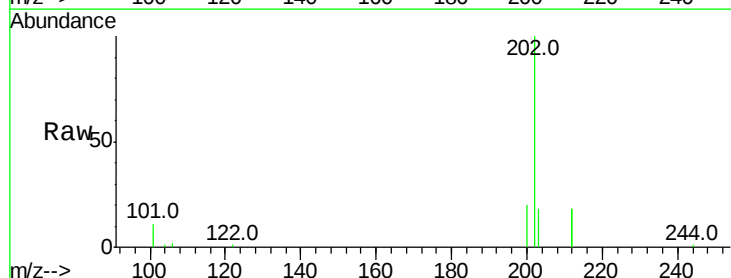
Instrument :
 BNA_E
 ClientSampleId :
 PB101705BSD

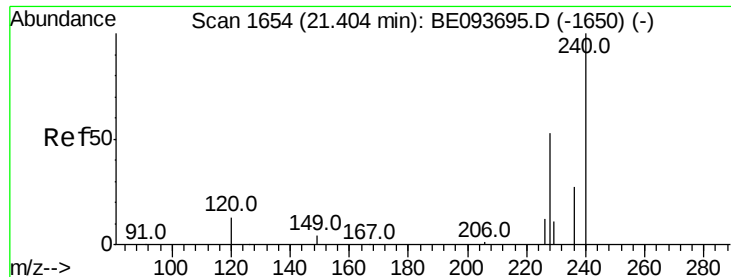
Tot Ion:212 Resp: 40240
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.4 3.6
 104 1.9 1.6 2.4



#26
 Fluoranthene
 Concen: 0.392 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

Tgt Ion:202 Resp: 10794
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.6 14.4
 203 17.2 14.4 21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

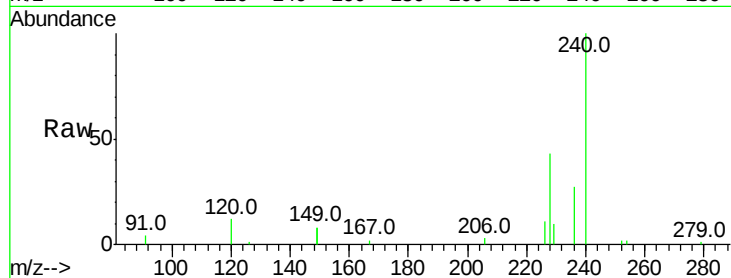
Tot Ion:240 Resp: 11556

Ion Ratio Lower Upper

240 100

120 12.2 4.6 7.0#

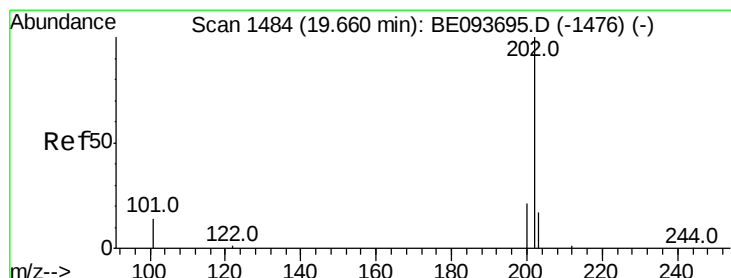
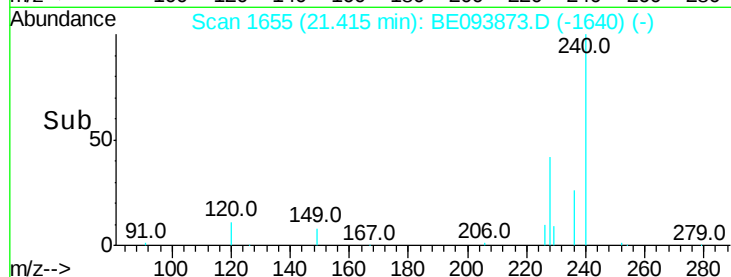
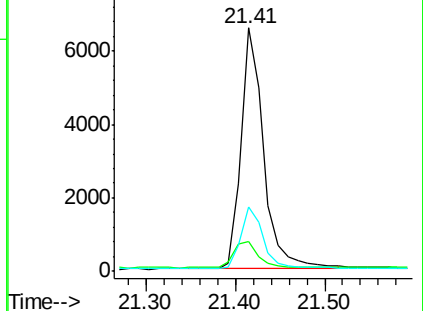
236 26.6 20.8 31.2



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



#28

Pyrene

Concen: 0.294 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

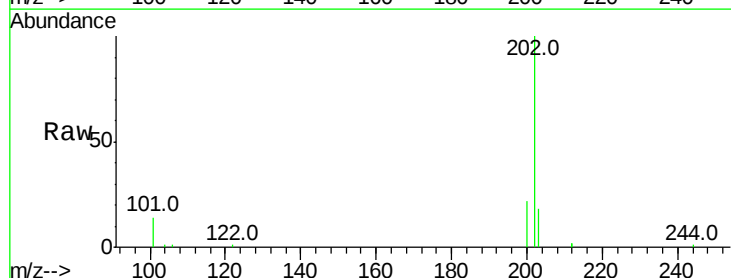
Tgt Ion:202 Resp: 11125

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

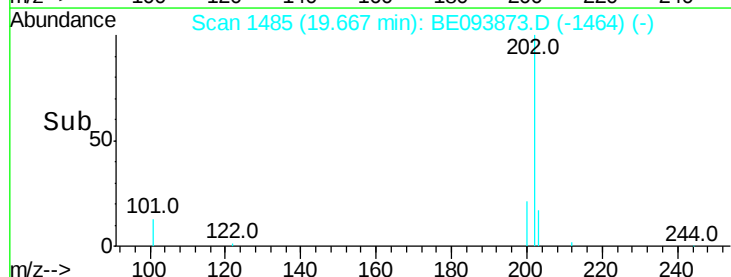
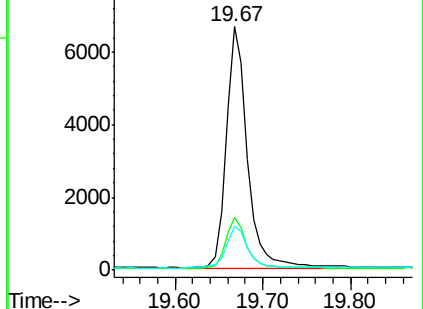
203 18.3 13.7 20.5

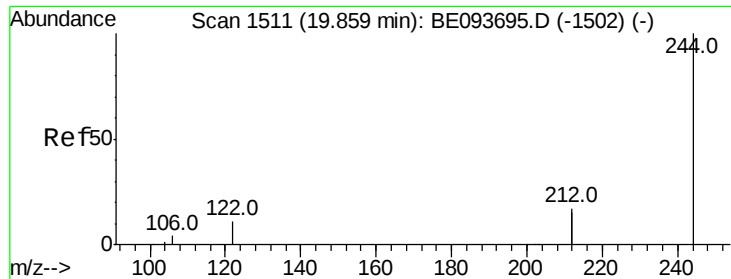


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.87 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

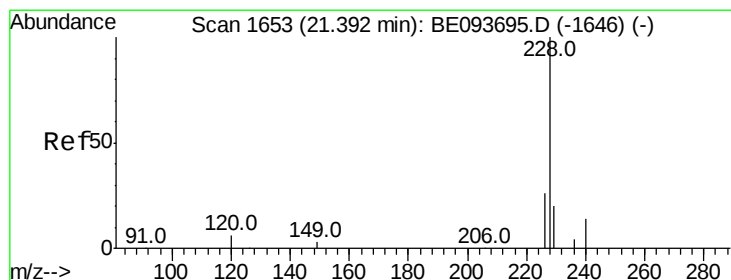
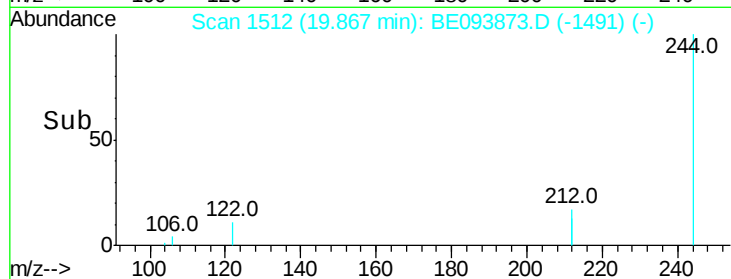
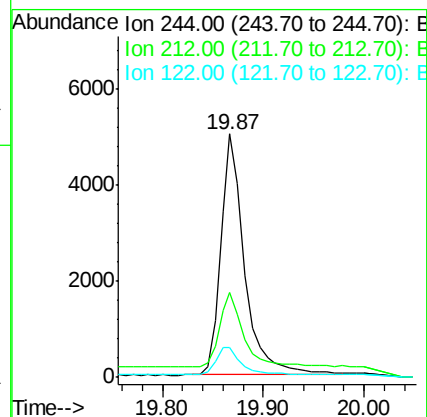
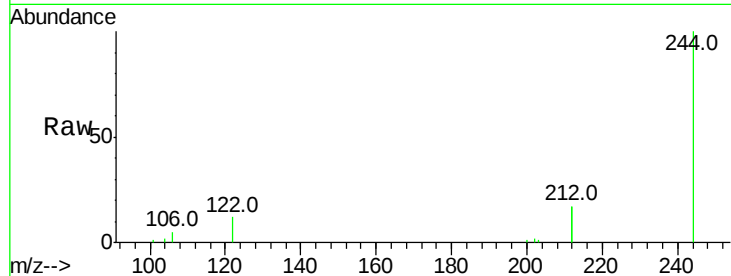
Tot Ion:244 Resp: 8317

Ion Ratio Lower Upper

244 100

212 34.6 10.6 16.0#

122 12.4 15.4 23.0#



#30

Benzo(a)anthracene

Concen: 0.292 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

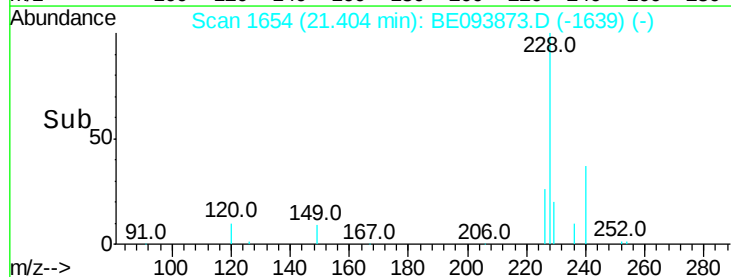
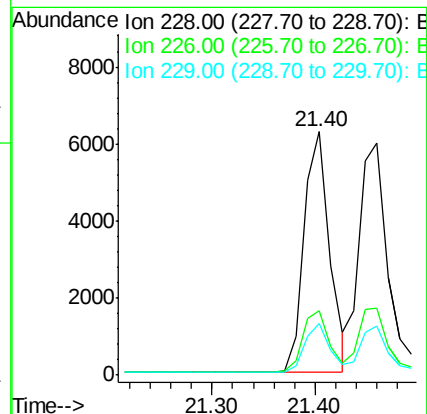
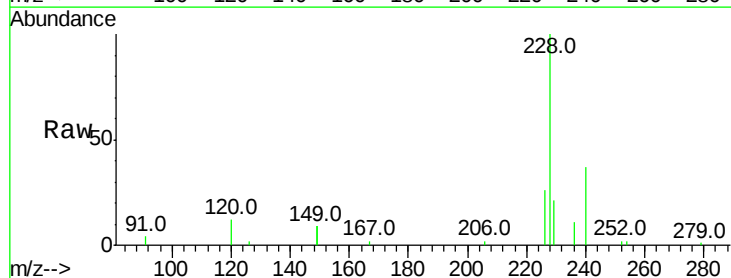
Tgt Ion:228 Resp: 10712

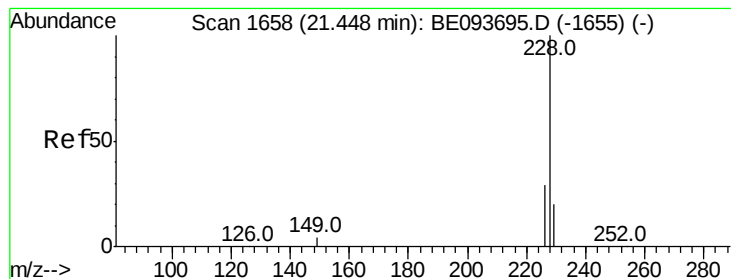
Ion Ratio Lower Upper

228 100

226 26.4 19.7 29.5

229 21.2 19.2 28.8





#31

Chrysene

Concen: 0.312 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

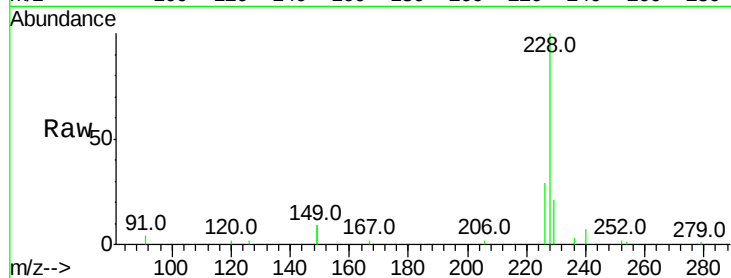
Tot Ion:228 Resp: 11684

Ion Ratio Lower Upper

228 100

226 28.6 21.5 32.3

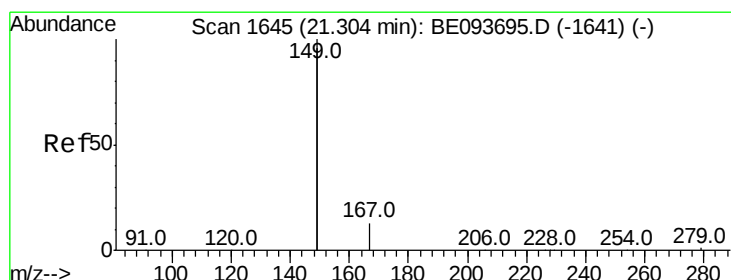
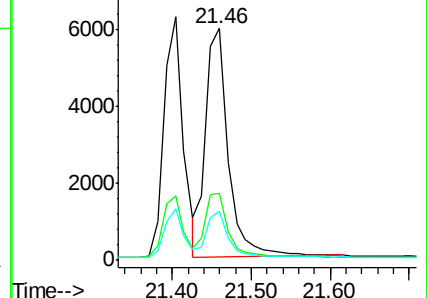
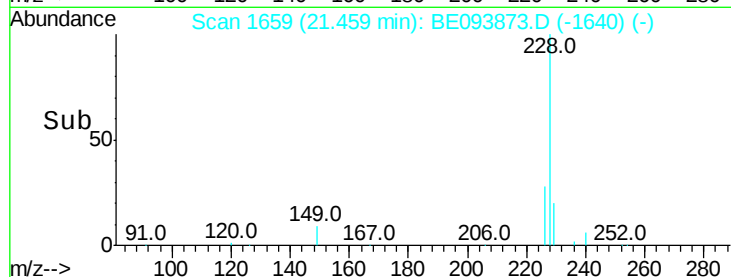
229 21.0 18.6 28.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.321 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

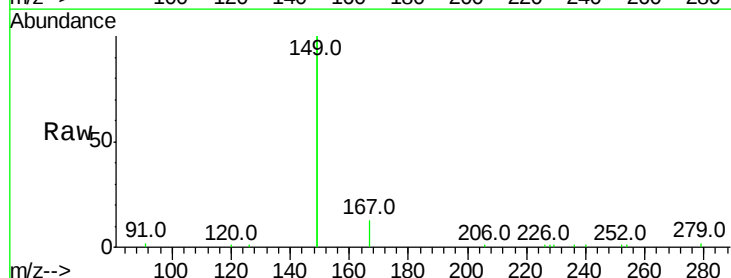
Tgt Ion:149 Resp: 25252

Ion Ratio Lower Upper

149 100

167 6.9 4.8 7.2

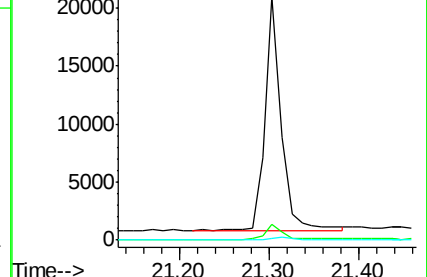
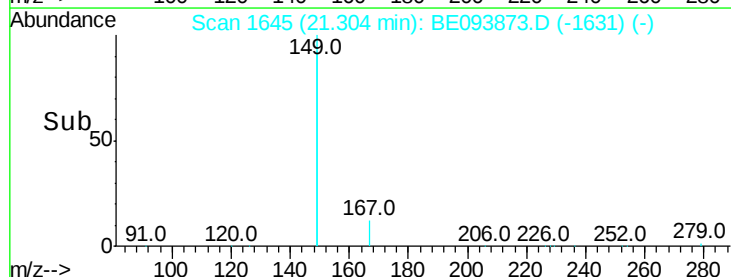
279 0.9 0.8 1.2

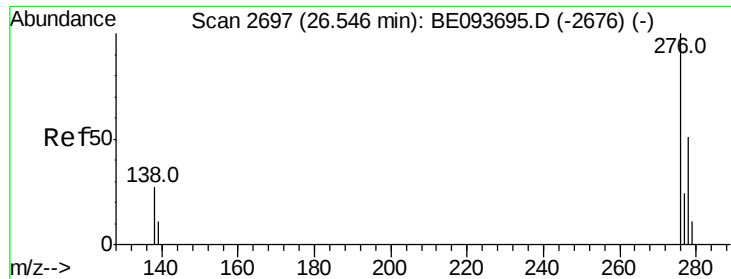


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

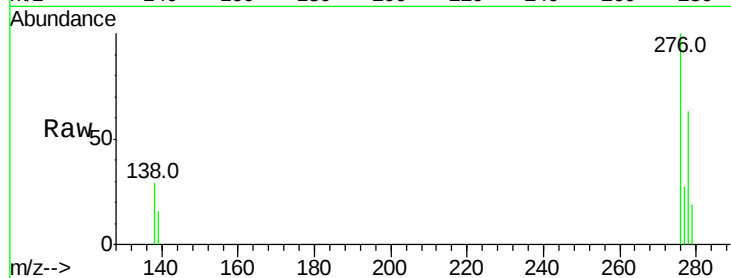




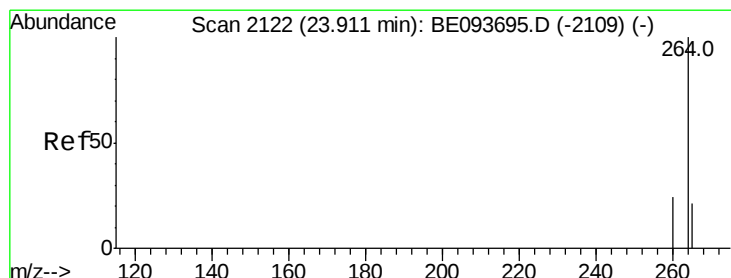
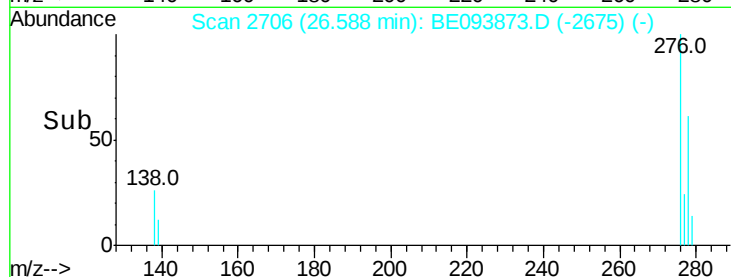
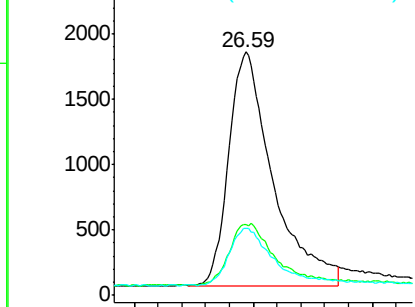
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.256 ng
 RT: 26.59 min Scan# 2706
 Delta R.T. 0.04 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

Instrument :
 BNA_E
 ClientSampleId :
 PB101705BSD

Tot Ion:276 Resp: 9246
 Ion Ratio Lower Upper
 276 100
 138 27.6 27.4 41.2
 277 24.1 20.1 30.1

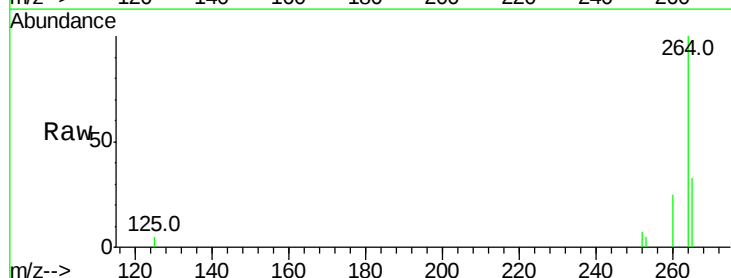


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

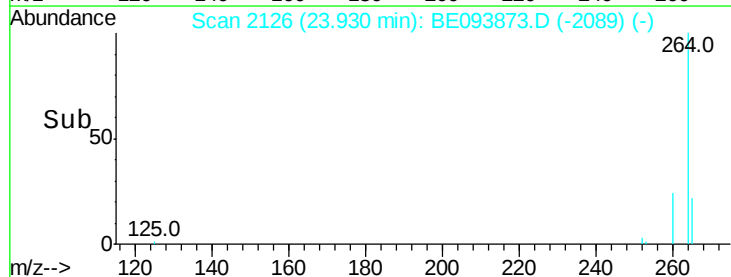
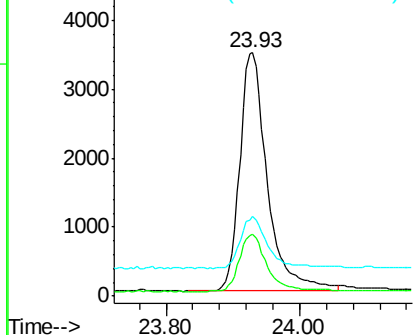


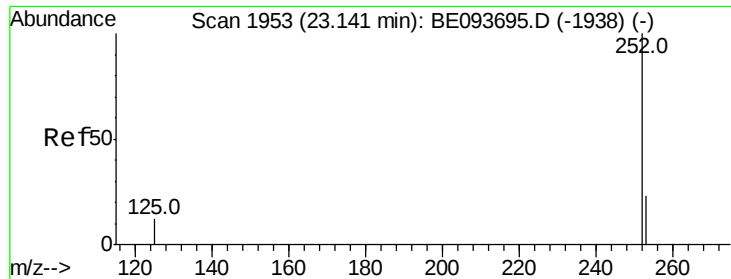
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. 0.02 min
 Lab File: BE093873.D
 Acq: 22 Aug 2017 13:33

Tgt Ion:264 Resp: 9973
 Ion Ratio Lower Upper
 264 100
 260 25.2 21.0 31.4
 265 32.8 24.6 36.8



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





#35

Benzo(b)fluoranthene

Concen: 0.267 ng

RT: 23.16 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

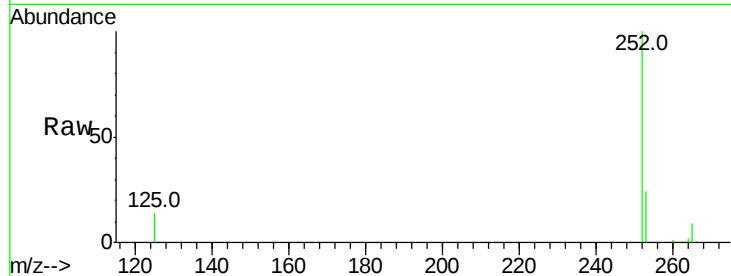
Tot Ion:252 Resp: 9228

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

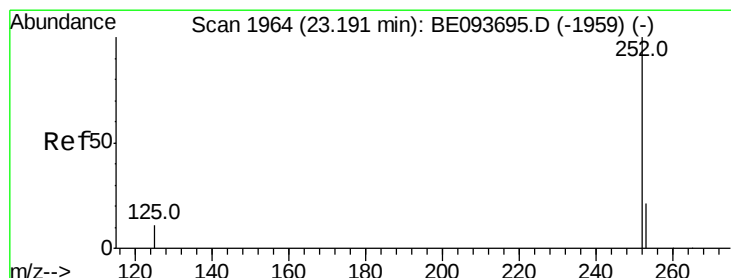
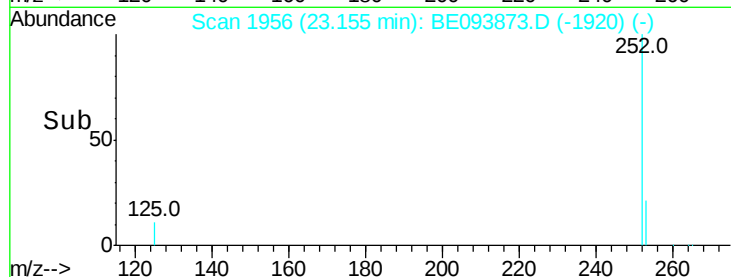
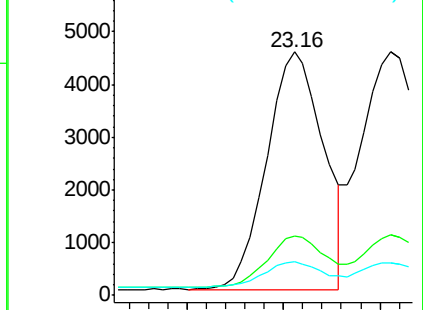
125 13.8 13.4 20.0



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



#36

Benzo(k)fluoranthene

Concen: 0.312 ng

RT: 23.21 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

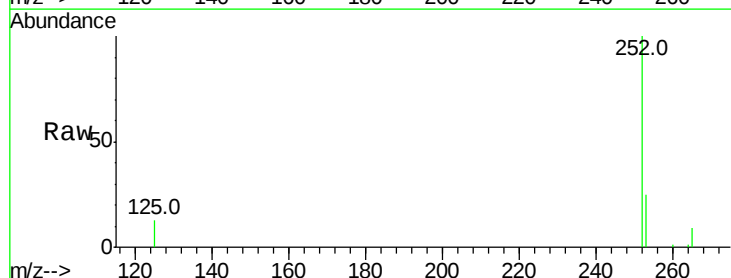
Tgt Ion:252 Resp: 10777

Ion Ratio Lower Upper

252 100

253 24.8 20.3 30.5

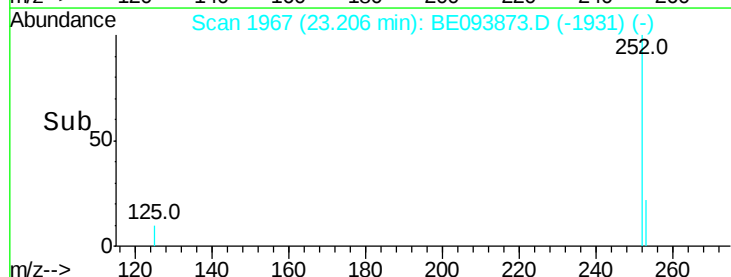
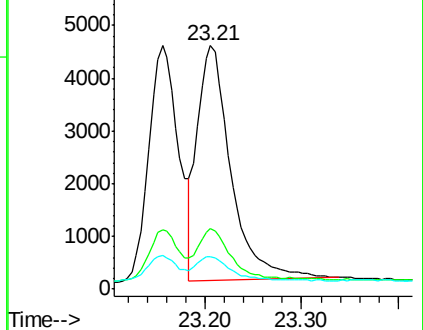
125 13.4 12.2 18.4

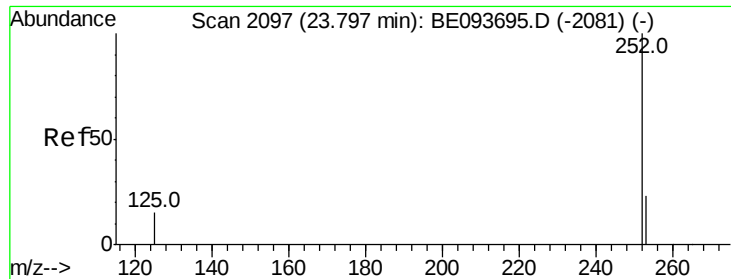


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.303 ng

RT: 23.81 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD

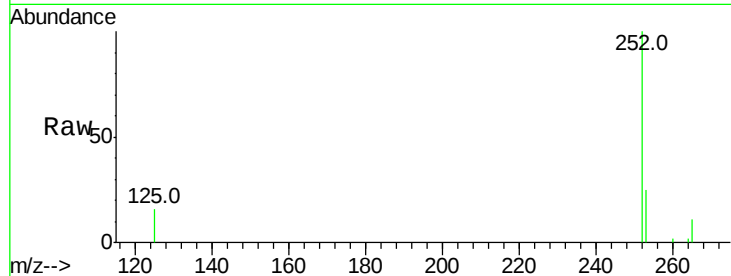
Tot Ion:252 Resp: 9883

Ion Ratio Lower Upper

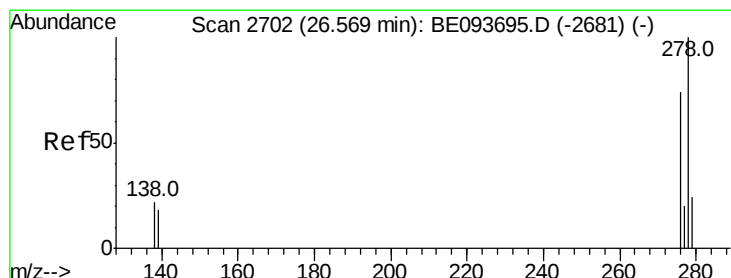
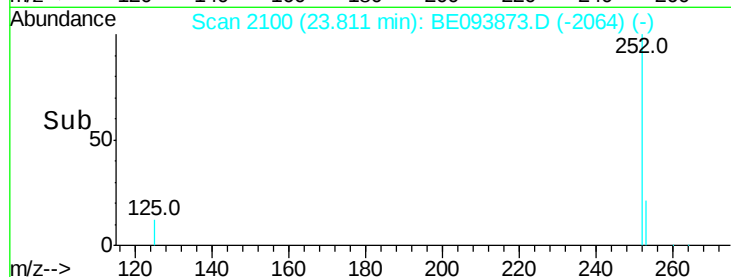
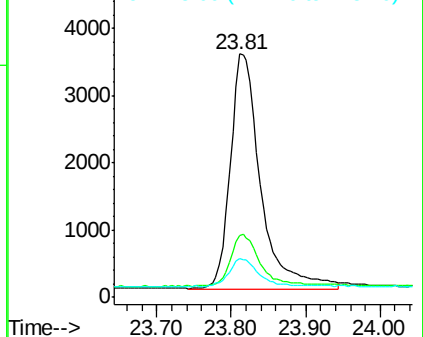
252 100

253 25.2 19.9 29.9

125 16.0 14.6 21.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.254 ng

RT: 26.61 min Scan# 2711

Delta R.T. 0.04 min

Lab File: BE093873.D

Acq: 22 Aug 2017 13:33

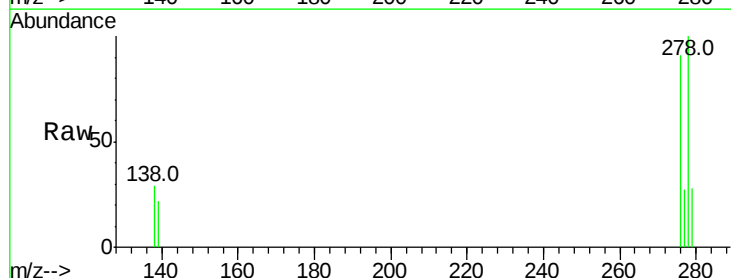
Tgt Ion:278 Resp: 7760

Ion Ratio Lower Upper

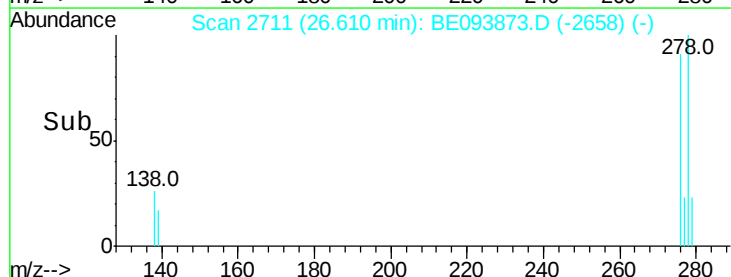
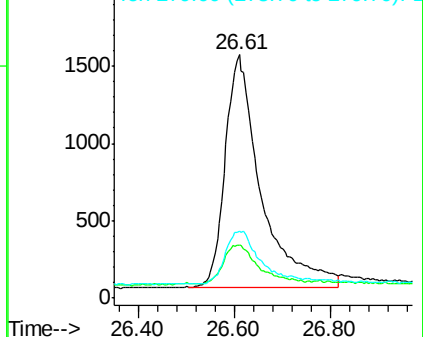
278 100

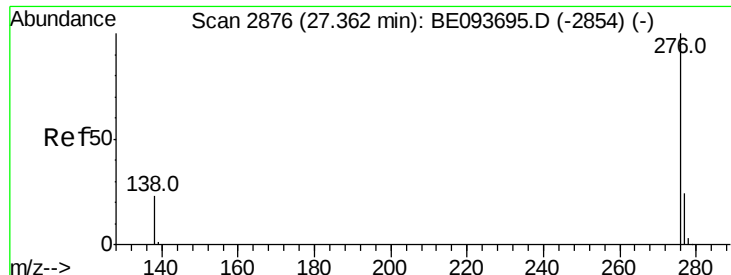
139 21.9 21.4 32.0

279 27.7 22.2 33.2



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





#39

Benzo(a,h,i)perylene

Concen: 0.265 ng

RT: 27.39 min Scan# 2883

Delta R.T. 0.03 min

Lab File: BE093873.D

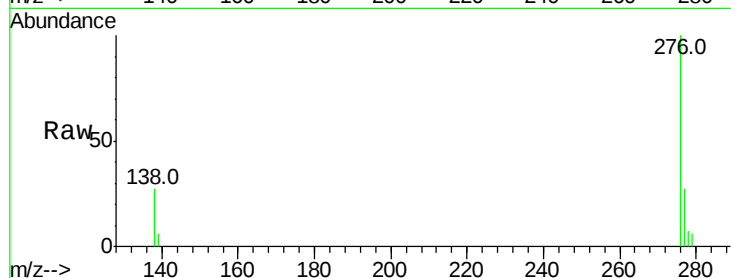
Acq: 22 Aug 2017 13:33

Instrument :

BNA_E

ClientSampleId :

PB101705BSD



Tot Ion:276 Resp: 8131

Ion Ratio Lower Upper

276 100

277 26.6 21.2 31.8

138 27.0 24.5 36.7

