

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093102.D
 Acq On : 12 Jun 2017 13:27
 Operator : SJ/MA
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061217

Quant Time: Jun 12 14:07:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	752	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3557	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1864	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4133	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5439	0.40	ng	0.00
34) Perylene-d12	23.67	264	4499	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.34	112	878	0.40	ng	0.00
5) Phenol-d6	6.90	99	1254	0.39	ng	0.00
8) Nitrobenzene-d5	8.88	82	1135	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2090	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	161	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3095	0.39	ng	0.00
25) Fluoranthene-d10	19.12	212	5104	0.37	ng	0.00
29) Terphenyl-d14	19.72	244	4498	0.43	ng	0.00

Target Compounds

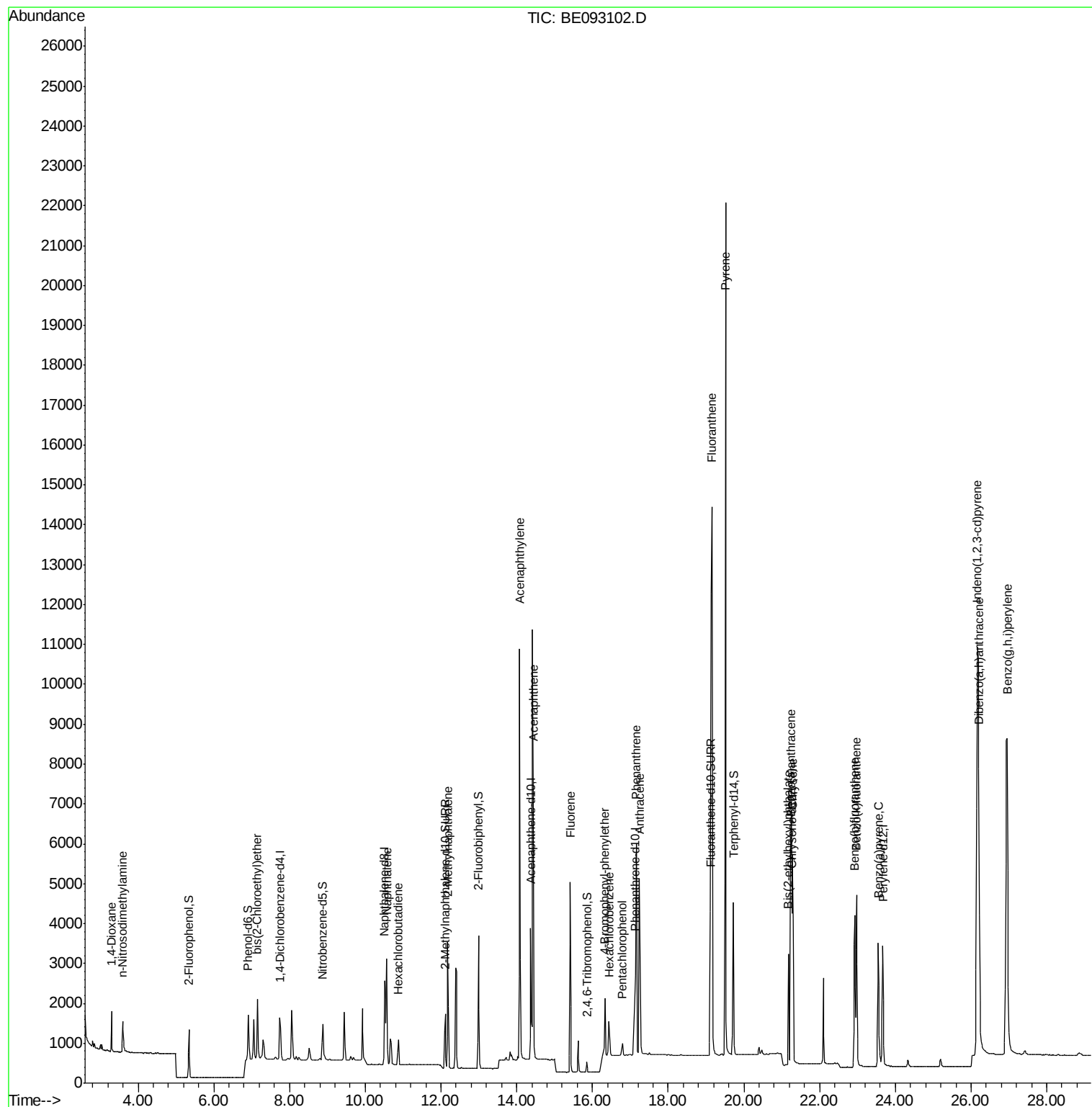
						Qvalue
2) 1,4-Dioxane	3.29	88	650	0.390	ng	98
3) n-Nitrosodimethylamine	3.59	42	568	0.398	ng	# 98
6) bis(2-Chloroethyl)ether	7.15	93	1143	0.403	ng	# 100
9) Naphthalene	10.56	128	3761	0.394	ng	98
10) Hexachlorobutadiene	10.87	225	502	0.388	ng	98
12) 2-Methylnaphthalene	12.18	142	2329	0.393	ng	97
16) Acenaphthylene	14.08	152	13454	0.415	ng	100
17) Acenaphthene	14.44	154	2442	0.404	ng	94
18) Fluorene	15.41	166	2922	0.401	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	998	0.397	ng	# 79
21) Hexachlorobenzene	16.44	284	756	0.341	ng	# 100
22) Pentachlorophenol	16.79	266	242	0.339	ng	90
23) Phenanthrene	17.16	178	7015	0.376	ng	99
24) Anthracene	17.25	178	5985	0.378	ng	99
26) Fluoranthene	19.16	202	25311	0.373	ng	# 99
28) Pyrene	19.51	202	27426	0.414	ng	# 97
30) Benzo(a)anthracene	21.23	228	5831	0.397	ng	# 85
31) Chrysene	21.28	228	6259	0.399	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.18	149	2641	0.441	ng	97
33) Indeno(1,2,3-cd)pyrene	26.17	276	22432	0.383	ng	99
35) Benzo(b)fluoranthene	22.93	252	5688	0.393	ng	96
36) Benzo(k)fluoranthene	22.97	252	5535	0.397	ng	97
37) Benzo(a)pyrene	23.55	252	4903	0.392	ng	97
38) Dibenzo(a,h)anthracene	26.20	278	5120	0.393	ng	95
39) Benzo(g,h,i)perylene	26.95	276	20224	0.384	ng	97

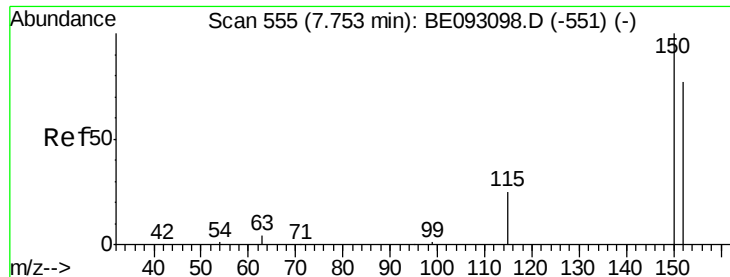
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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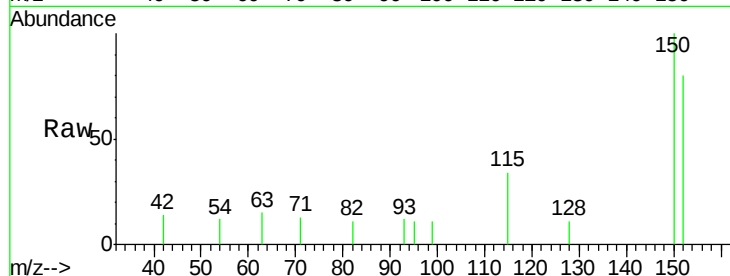


#1

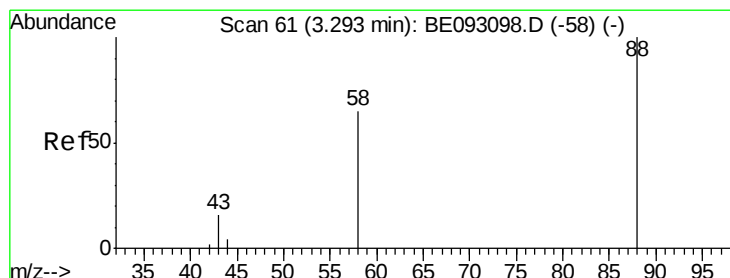
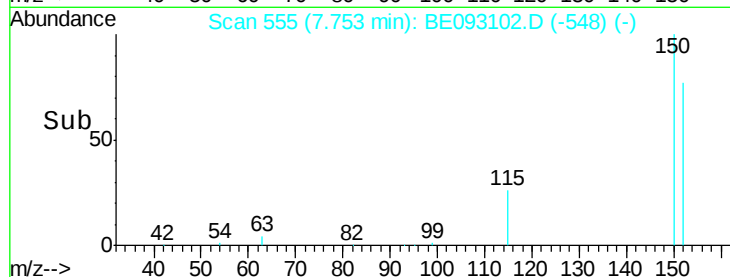
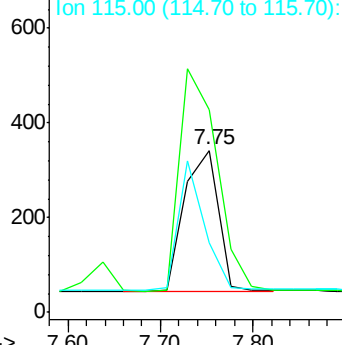
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

Instrument :
BNA_E
ClientSampleId :
ICVBE061217

Tgt Ion: 152 Resp: 752
Ion Ratio Lower Upper
152 100
150 125.1 125.1 187.7
115 42.7 55.7 83.5#



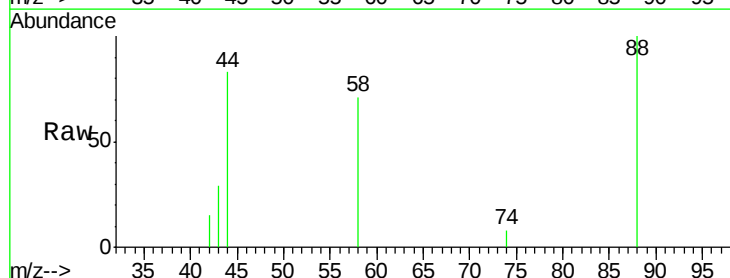
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



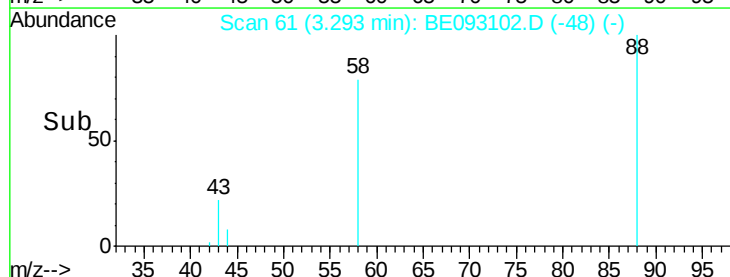
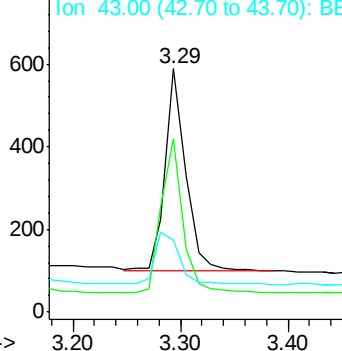
#2

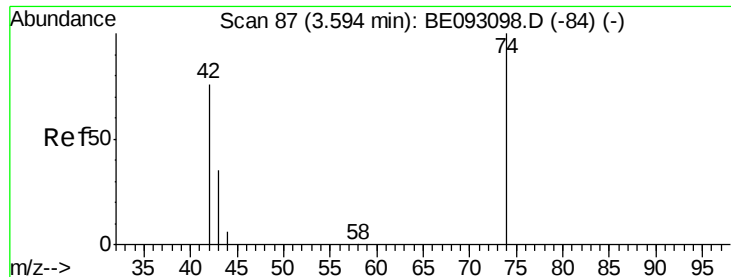
1,4-Dioxane
Concen: 0.390 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

Tgt Ion: 88 Resp: 650
Ion Ratio Lower Upper
88 100
58 78.6 62.2 93.4
43 30.6 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: 0.398 ng

RT: 3.59 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

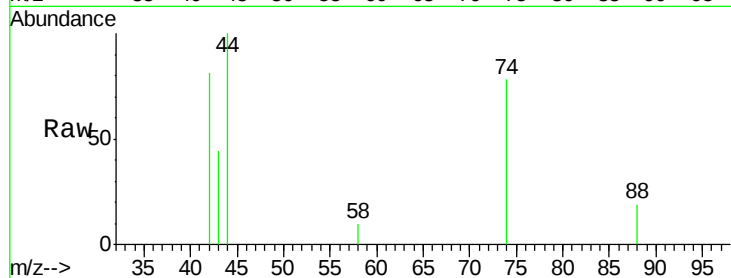
Tgt Ion: 42 Resp: 568

Ion Ratio Lower Upper

42 100

74 123.4 99.1 148.7

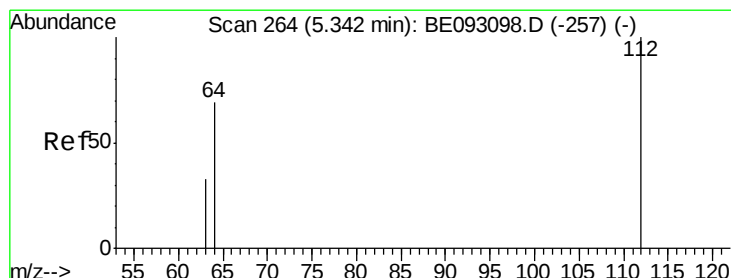
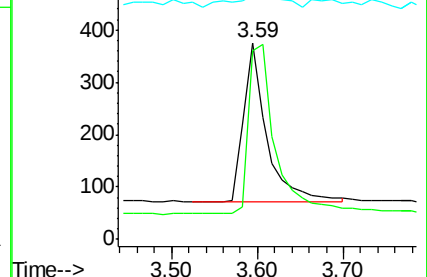
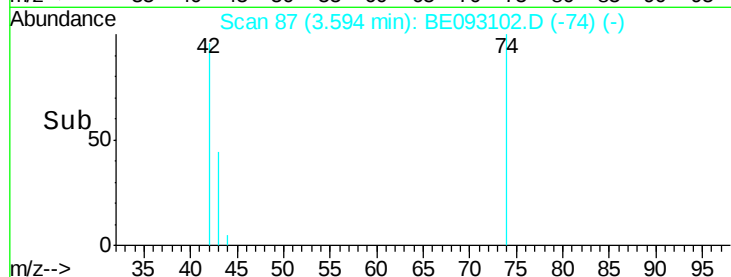
44 15.8 7.4 11.2#



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: 0.396 ng

RT: 5.34 min Scan# 264

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

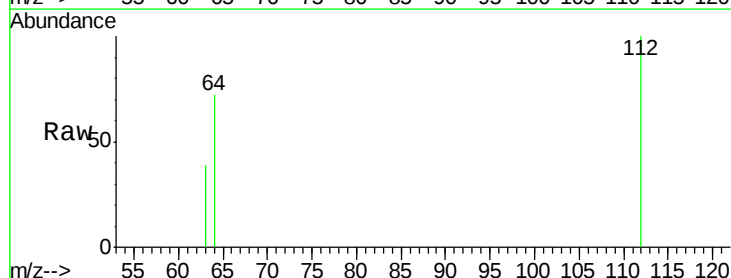
Tgt Ion: 112 Resp: 878

Ion Ratio Lower Upper

112 100

64 70.8 56.4 84.6

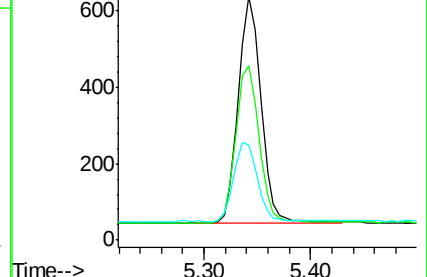
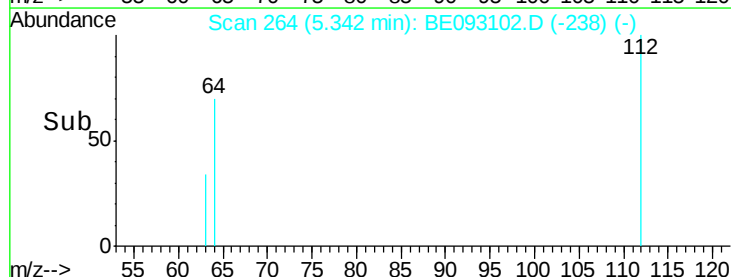
63 36.7 29.3 43.9

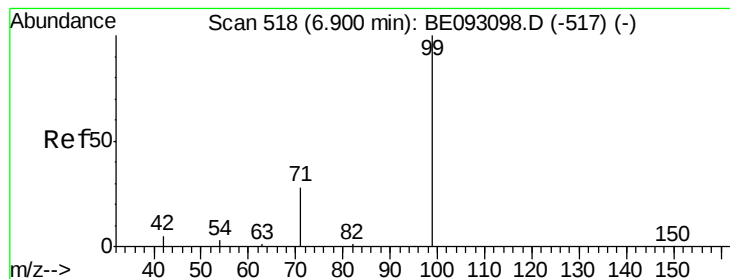


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

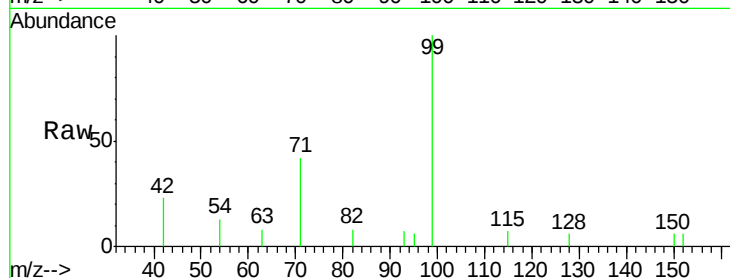
Tgt Ion: 99 Resp: 1254

Ion Ratio Lower Upper

99 100

42 20.1 0.0 0.0#

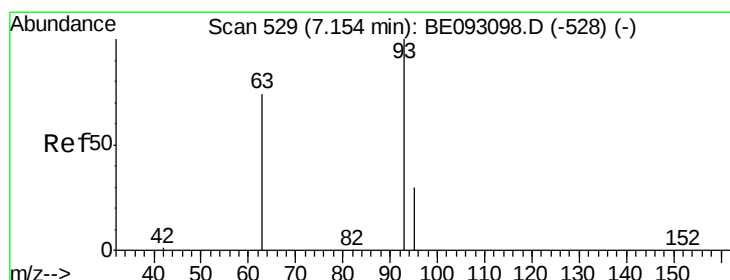
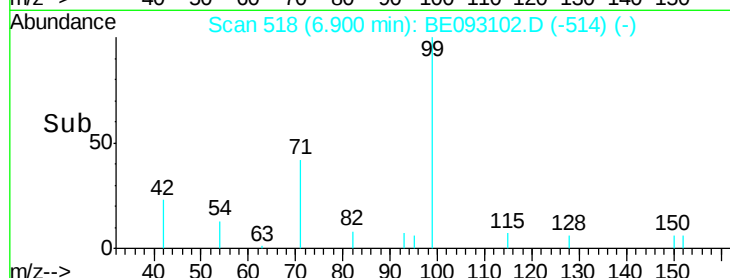
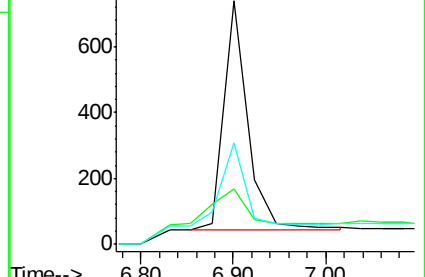
71 36.0 0.0 0.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.403 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

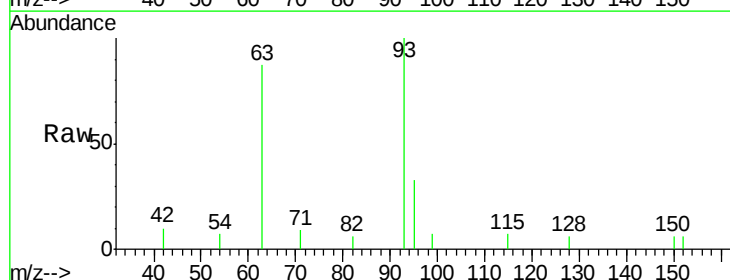
Tgt Ion: 93 Resp: 1143

Ion Ratio Lower Upper

93 100

63 87.9 0.0 0.0#

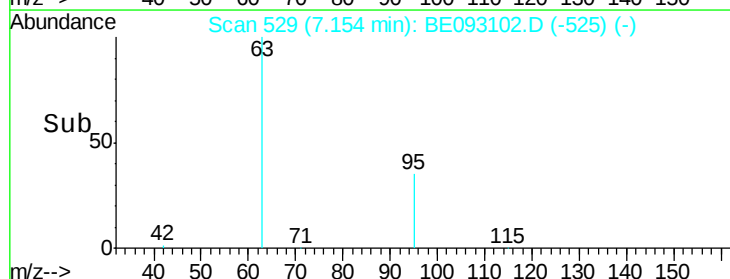
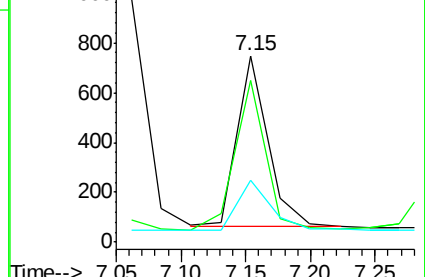
95 31.9 25.4 38.0

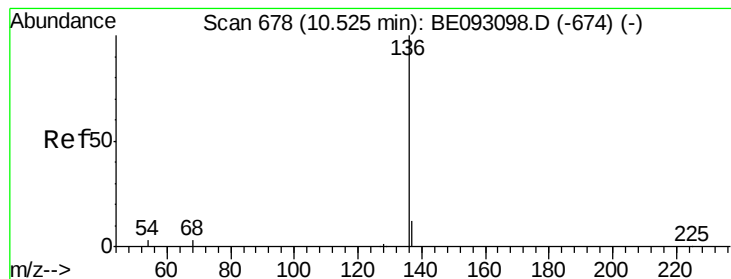


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

Tgt Ion:136 Resp: 3557

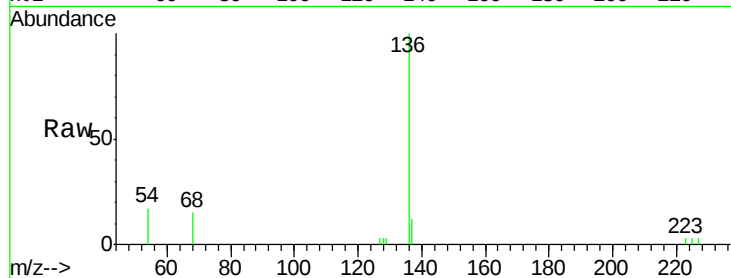
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 17.4 10.3 15.5#

68 14.6 9.0 13.4#

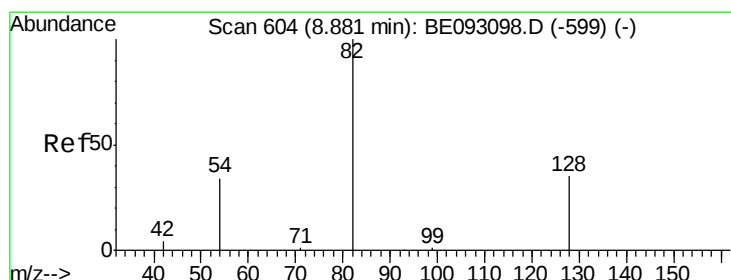
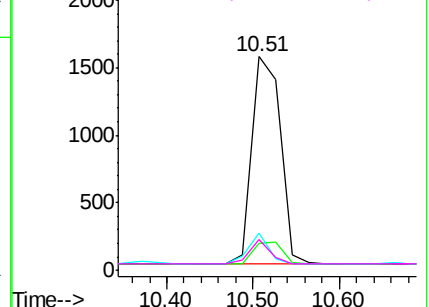
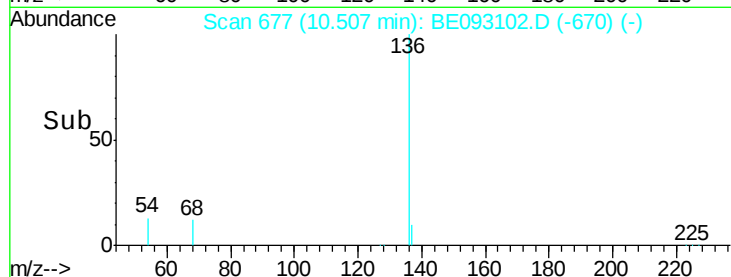


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

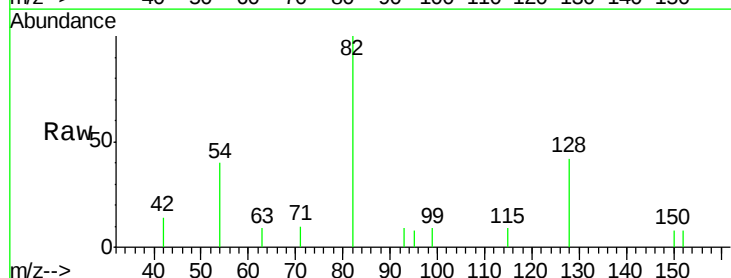
Tgt Ion: 82 Resp: 1135

Ion Ratio Lower Upper

82 100

128 42.2 17.0 25.4#

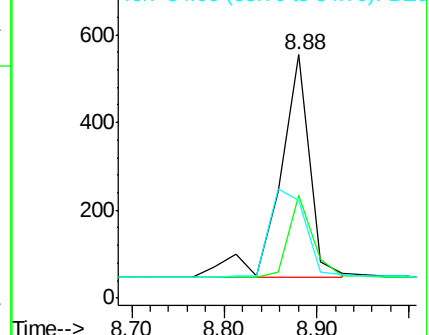
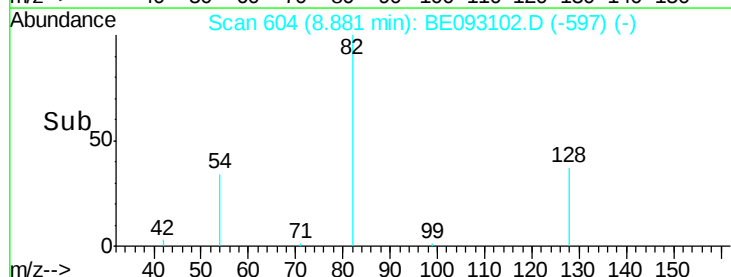
54 40.2 53.8 80.6#

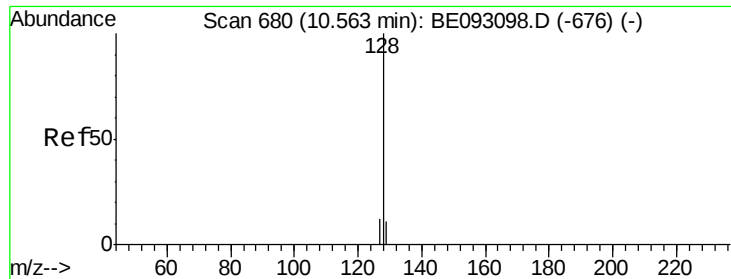


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

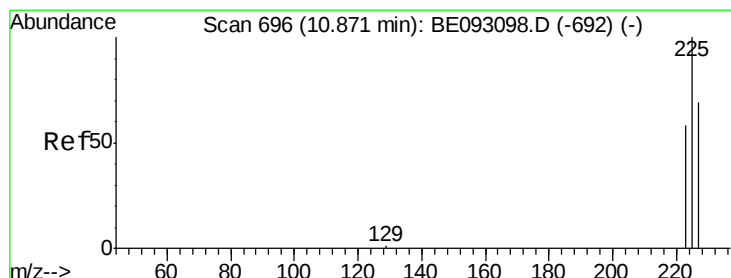
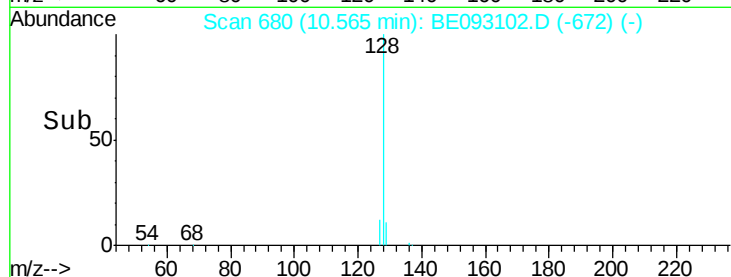
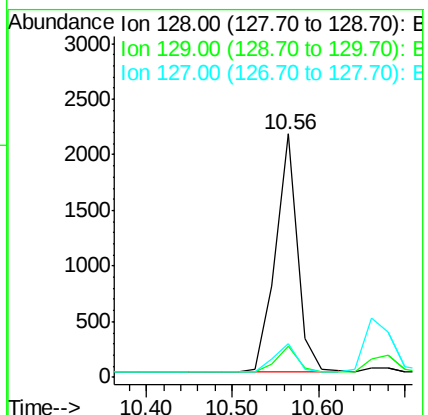
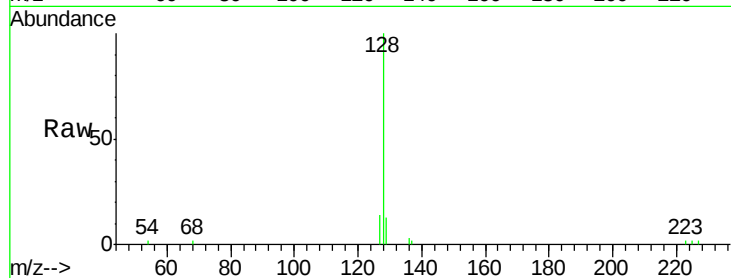
Tgt Ion:128 Resp: 3761

Ion Ratio Lower Upper

128 100

129 12.9 11.4 17.0

127 13.9 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.388 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

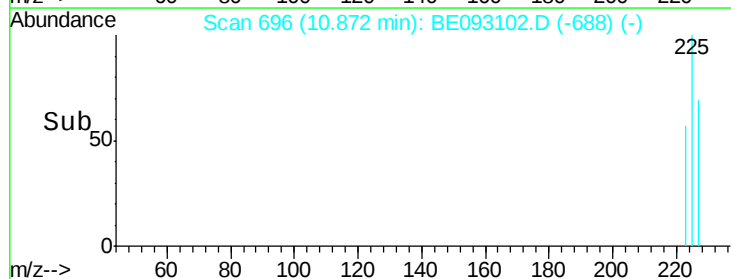
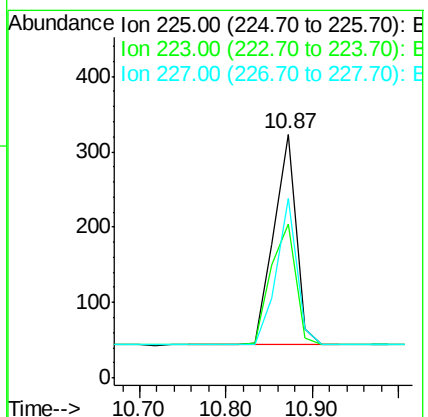
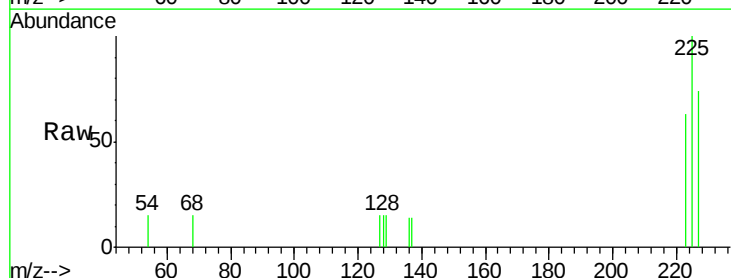
Tgt Ion:225 Resp: 502

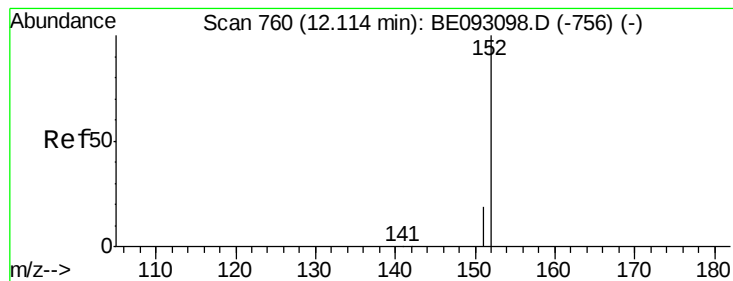
Ion Ratio Lower Upper

225 100

223 63.9 49.7 74.5

227 63.9 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

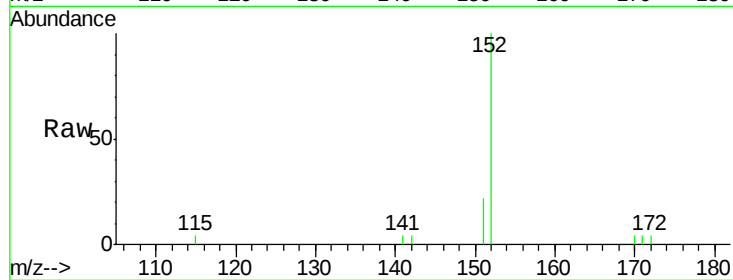
ICVBE061217

Tgt Ion:152 Resp: 2090

Ion Ratio Lower Upper

152 100

151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

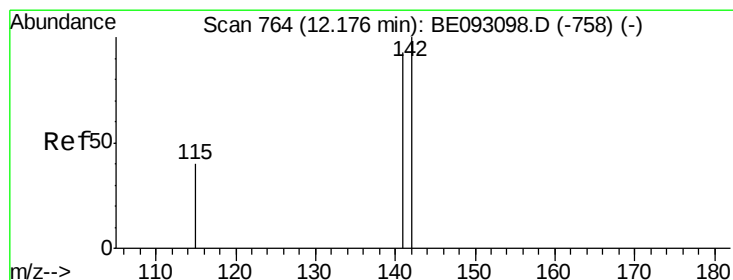
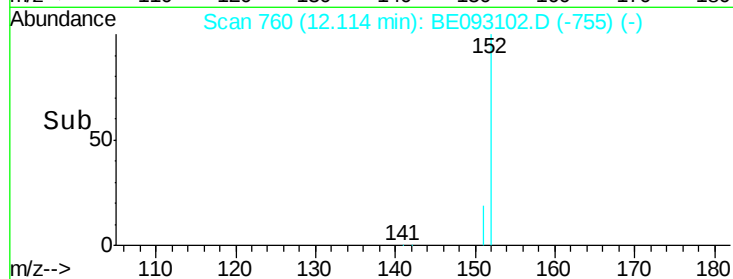
12.11

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.18 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

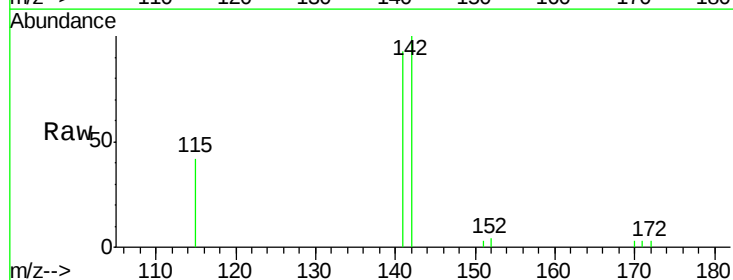
Tgt Ion:142 Resp: 2329

Ion Ratio Lower Upper

142 100

141 93.5 72.6 108.8

115 42.0 32.2 48.2



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

12.18

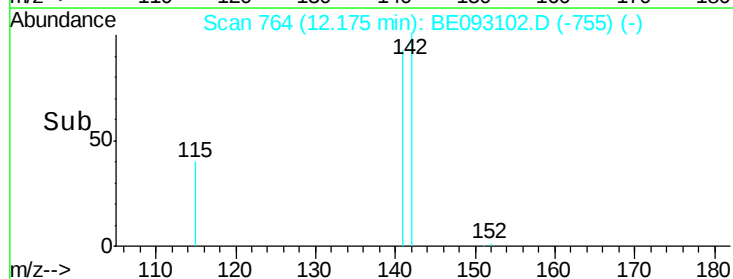
1500

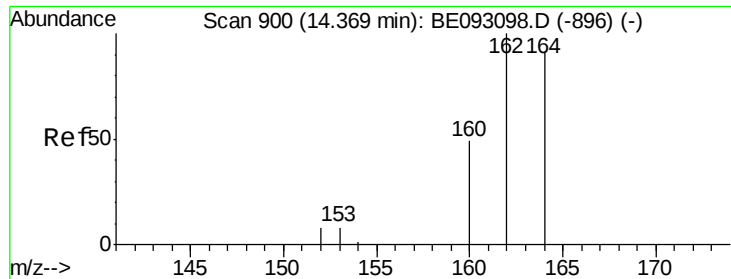
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

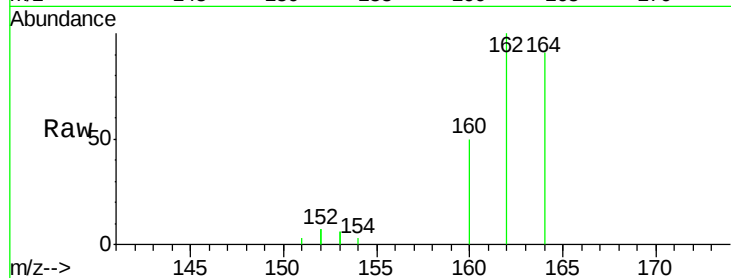
Tgt Ion:164 Resp: 1864

Ion Ratio Lower Upper

164 100

162 109.8 84.6 127.0

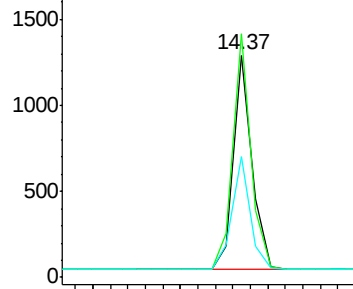
160 54.7 41.8 62.6



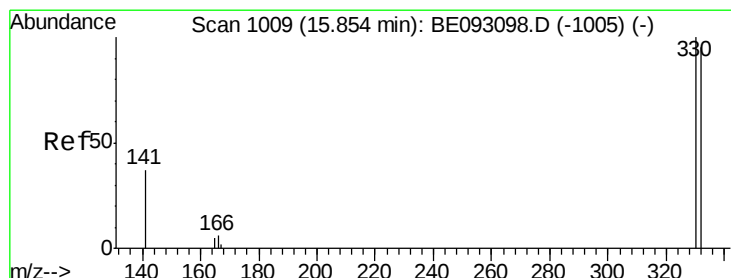
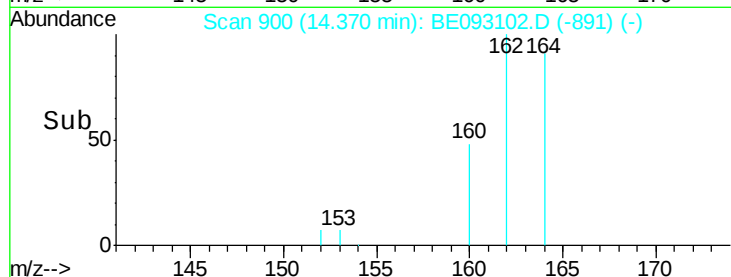
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.379 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

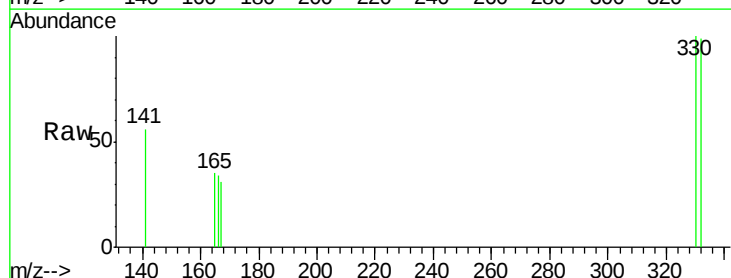
Tgt Ion:330 Resp: 161

Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

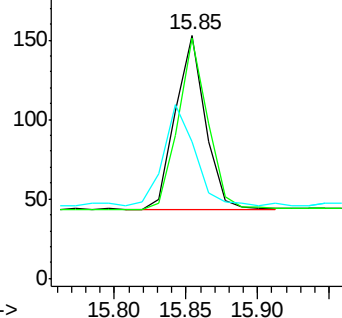
141 60.2 56.2 84.4



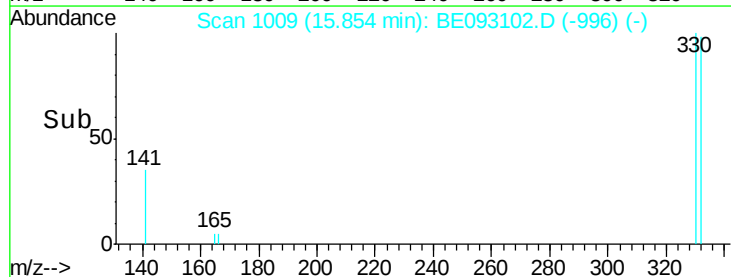
Abundance Ion 330.00 (329.70 to 330.70): E

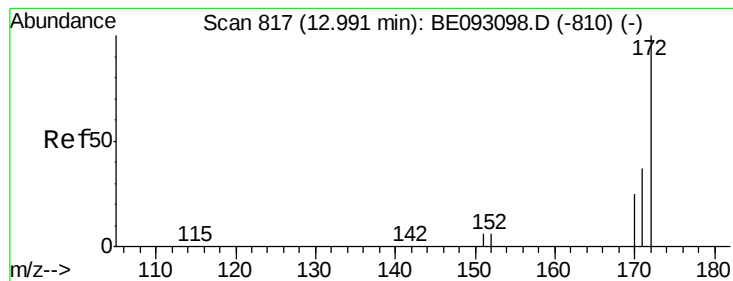
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 12.99 min Scan# 817

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

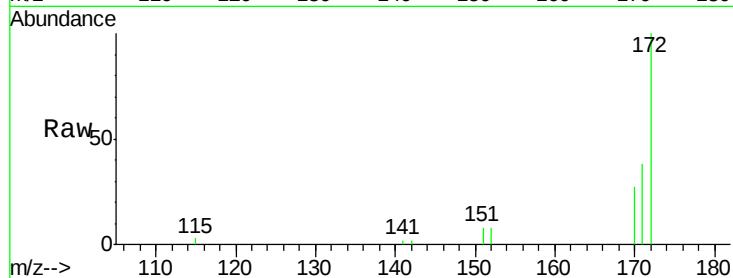
Tgt Ion:172 Resp: 3095

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

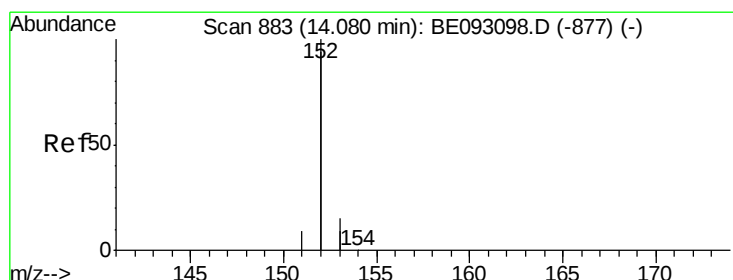
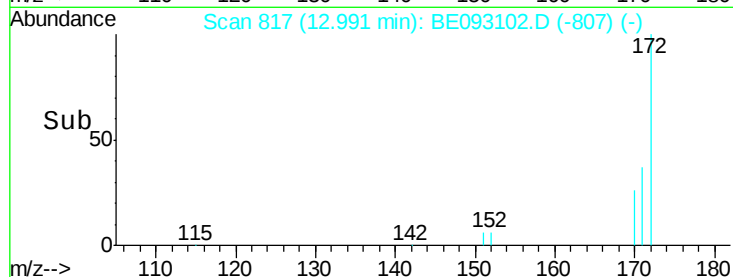
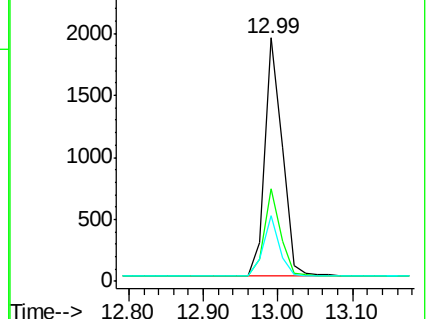
170 27.2 20.7 31.1



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



#16

Acenaphthylene

Concen: 0.415 ng

RT: 14.08 min Scan# 883

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

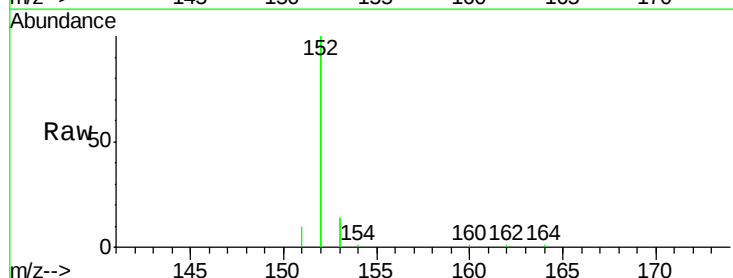
Tgt Ion:152 Resp: 13454

Ion Ratio Lower Upper

152 100

151 4.8 4.0 6.0

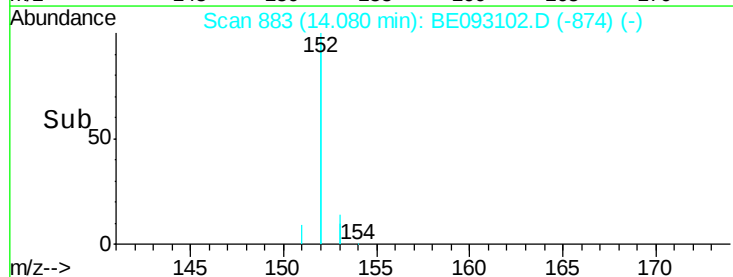
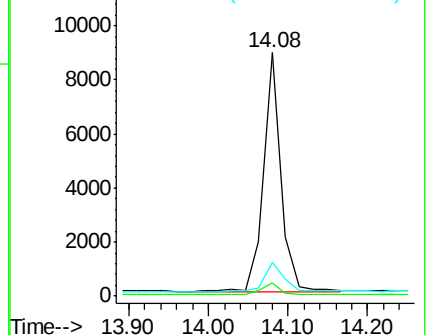
153 12.8 10.3 15.5

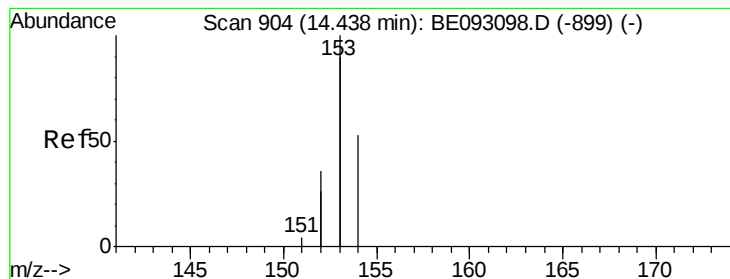


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

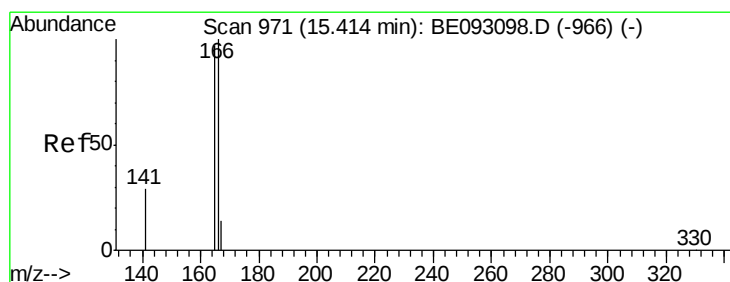
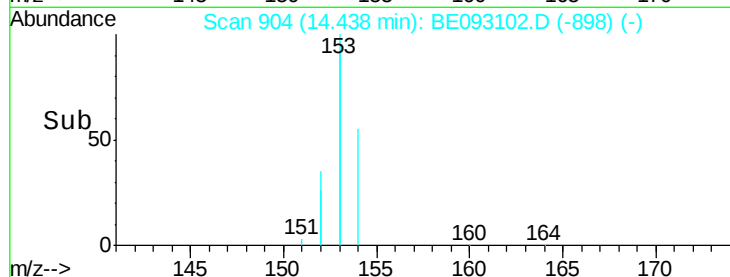
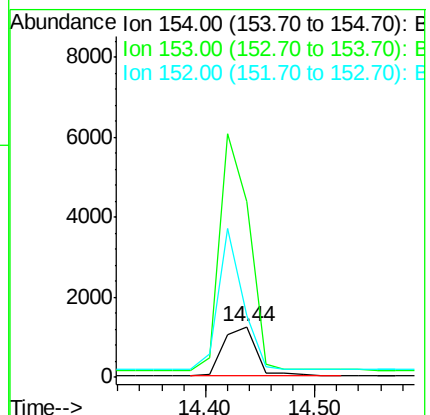
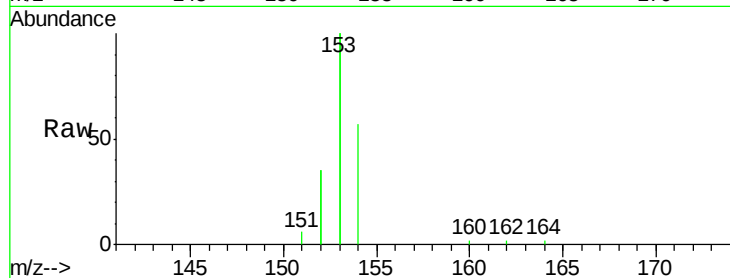
Tgt Ion:154 Resp: 2442

Ion Ratio Lower Upper

154 100

153 445.4 367.8 551.6

152 225.2 188.2 282.2



#18

Fluorene

Concen: 0.401 ng

RT: 15.41 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

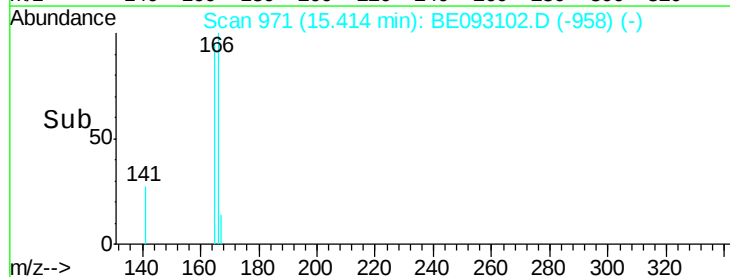
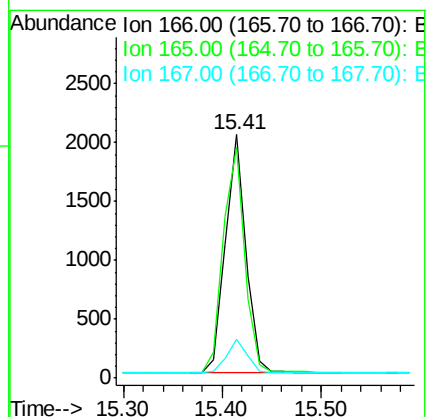
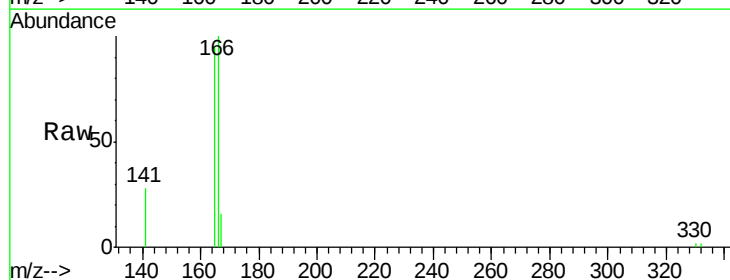
Tgt Ion:166 Resp: 2922

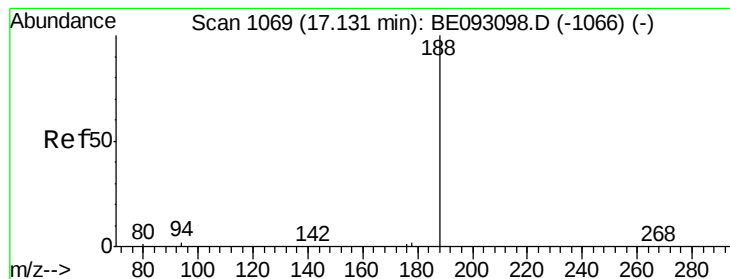
Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

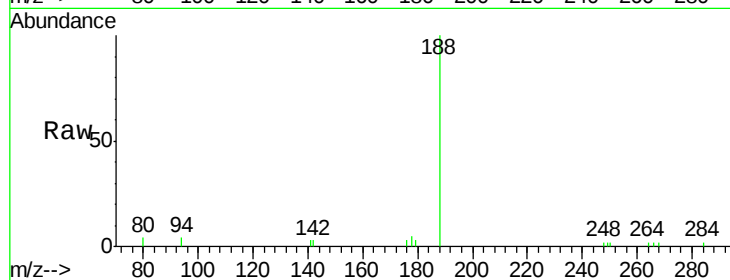
Tgt Ion:188 Resp: 4133

Ion Ratio Lower Upper

188 100

94 4.3 11.3 16.9#

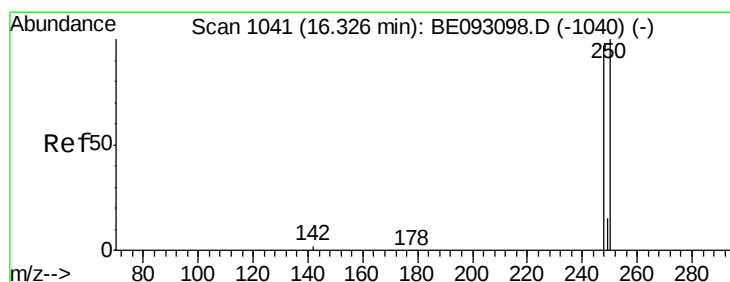
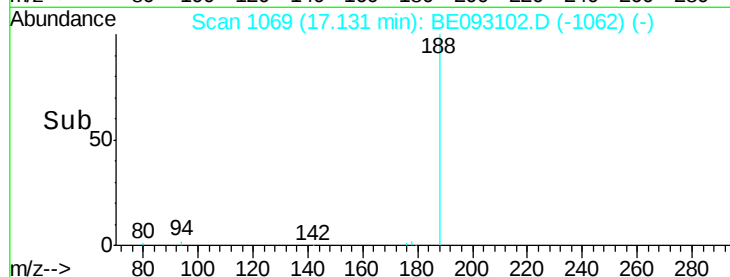
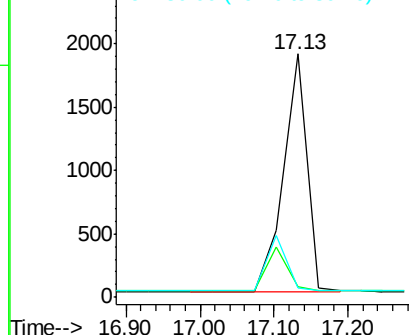
80 4.0 11.7 17.5#



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: 0.397 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

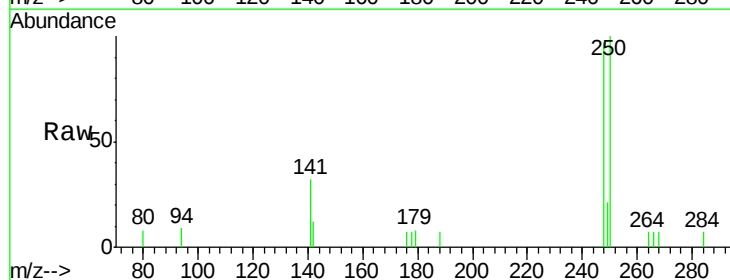
Tgt Ion:248 Resp: 998

Ion Ratio Lower Upper

248 100

250 103.1 100.0 150.0

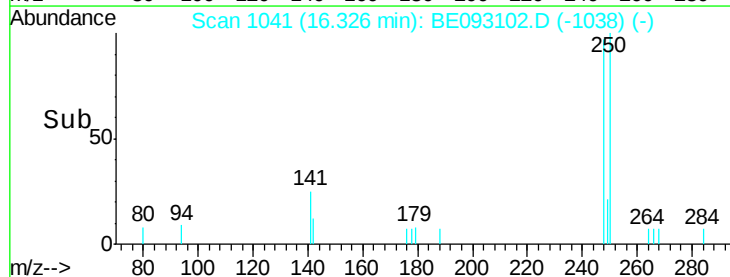
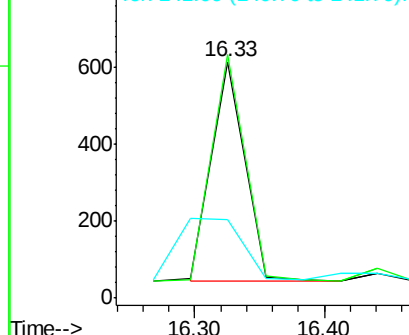
141 33.2 40.0 60.0#

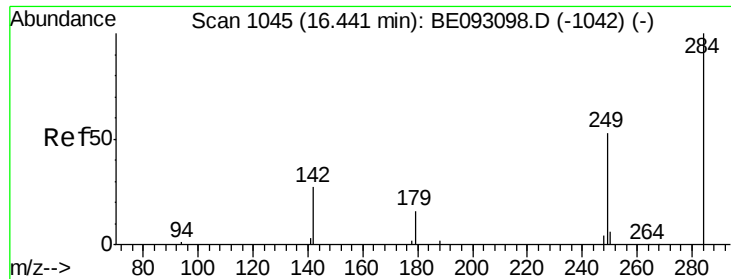


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

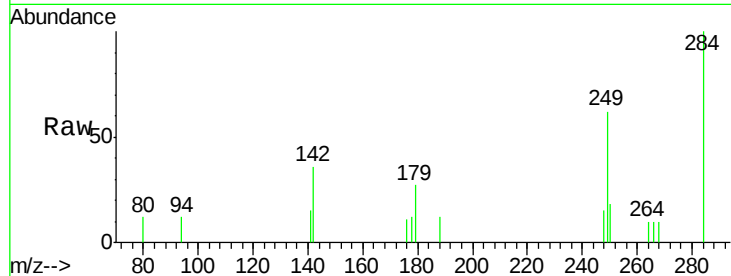




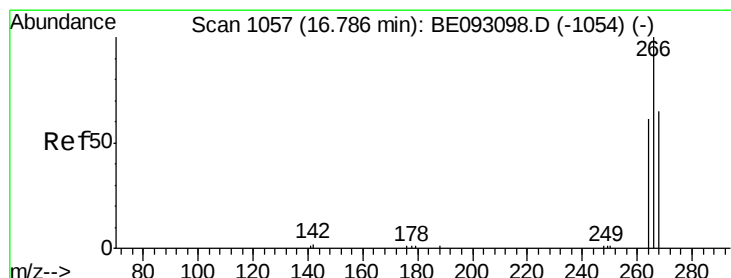
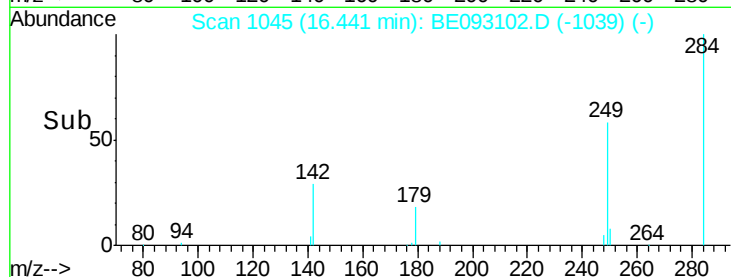
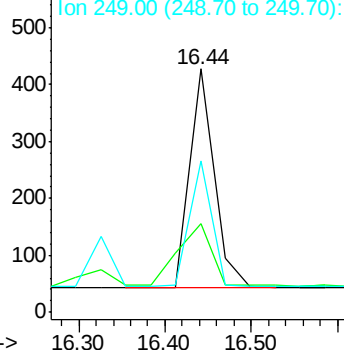
#21
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

Instrument :
BNA_E
ClientSampleId :
ICVBE061217

Tgt Ion: 284 Resp: 756
Ion Ratio Lower Upper
284 100
142 37.7 0.0 0.0#
249 52.1 0.0 0.0#

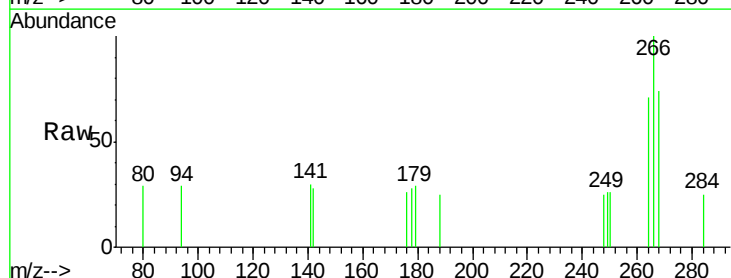


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

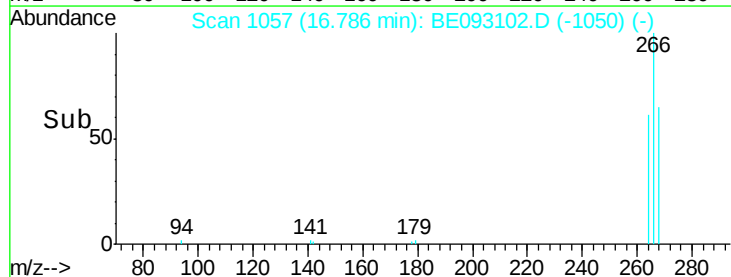
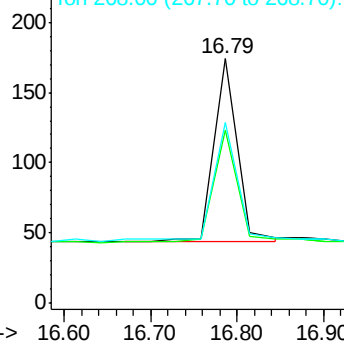


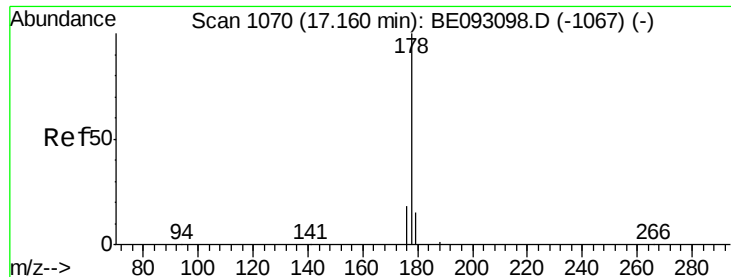
#22
Pentachlorophenol
Concen: 0.339 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

Tgt Ion: 266 Resp: 242
Ion Ratio Lower Upper
266 100
264 70.7 58.2 87.2
268 74.1 71.9 107.9



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: 0.376 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

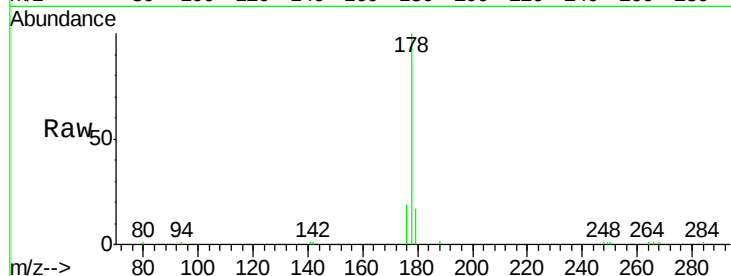
Tgt Ion:178 Resp: 7015

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

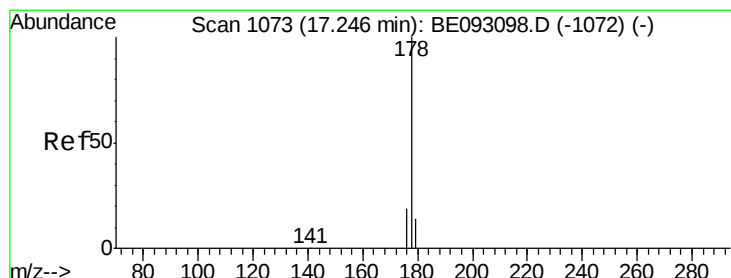
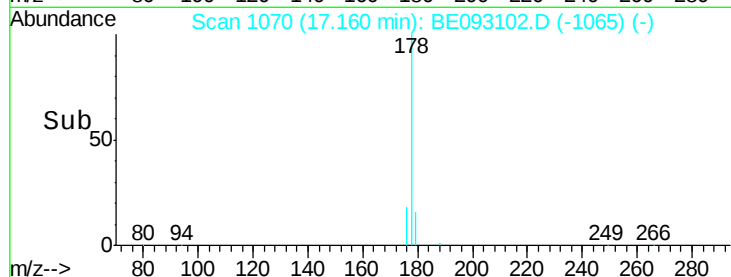
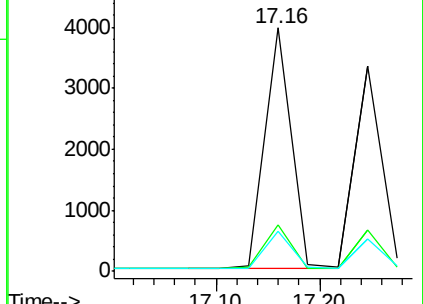
179 15.6 12.7 19.1



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: 0.378 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

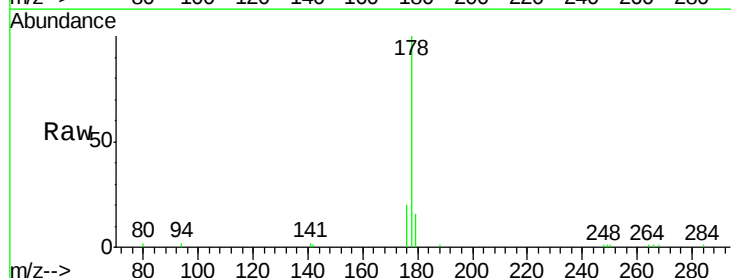
Tgt Ion:178 Resp: 5985

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

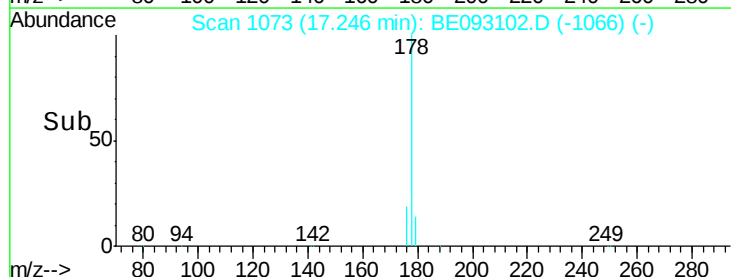
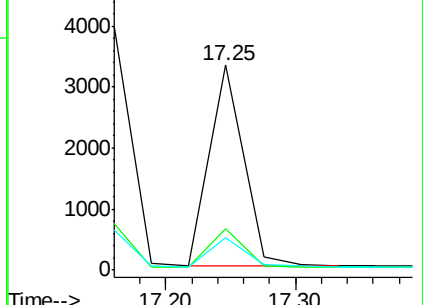
179 14.5 12.0 18.0

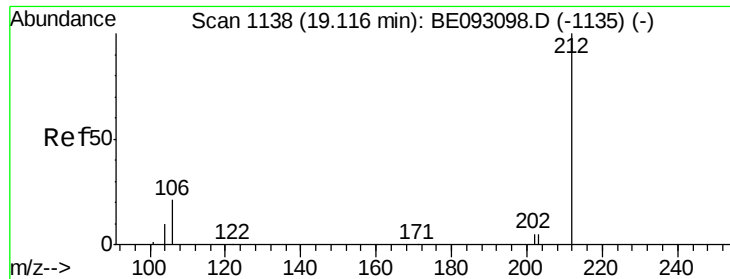


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.12 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

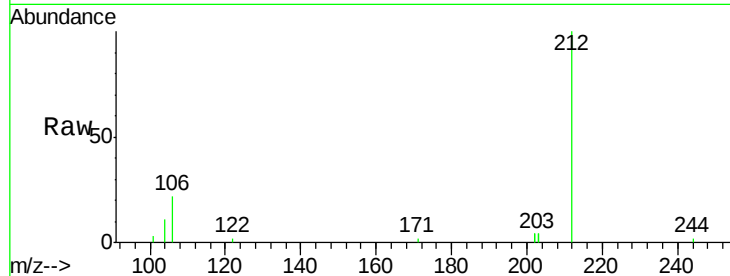
Tgt Ion:212 Resp: 5104

Ion Ratio Lower Upper

212 100

106 17.3 0.0 0.0#

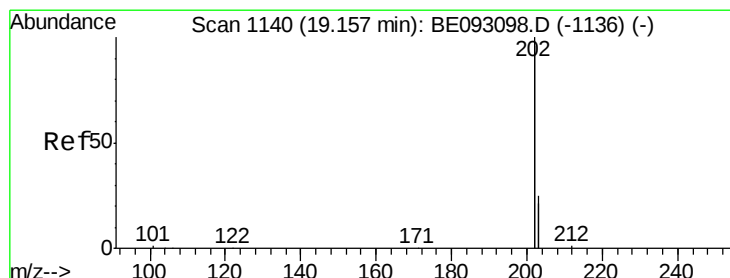
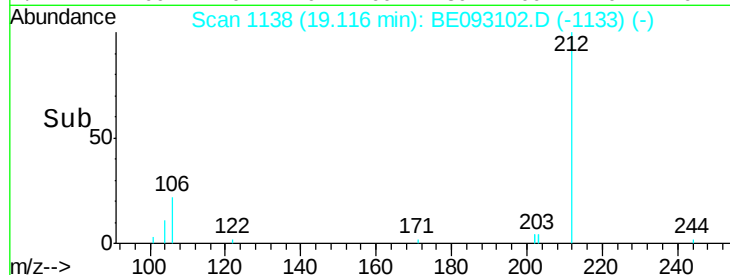
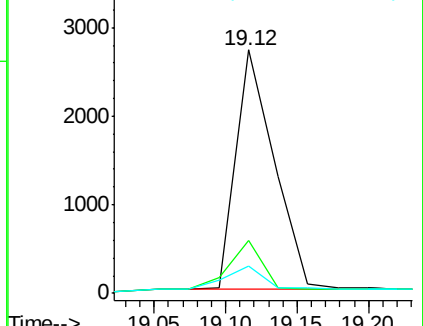
104 9.2 0.0 0.0#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.373 ng

RT: 19.16 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

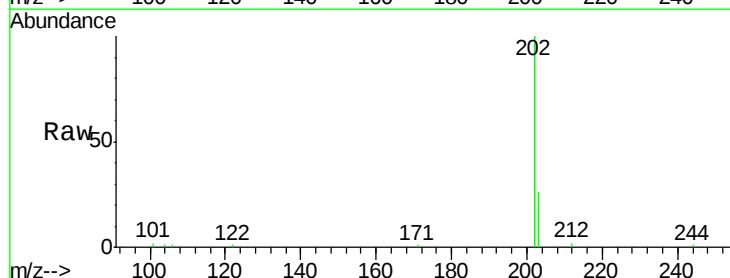
Tgt Ion:202 Resp: 25311

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

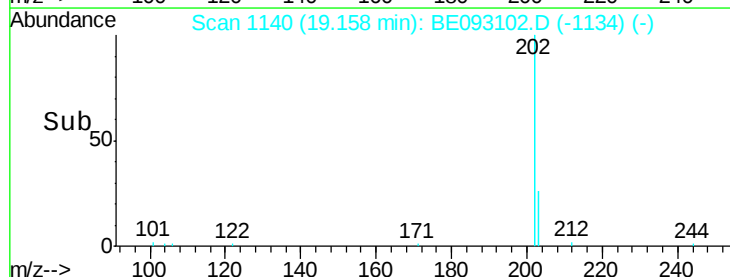
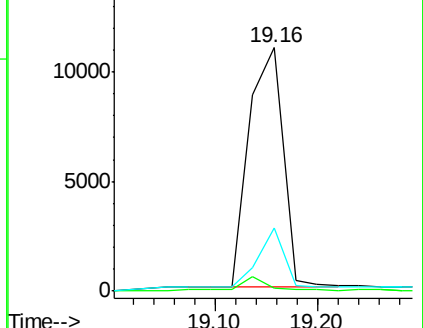
203 18.4 14.4 21.6

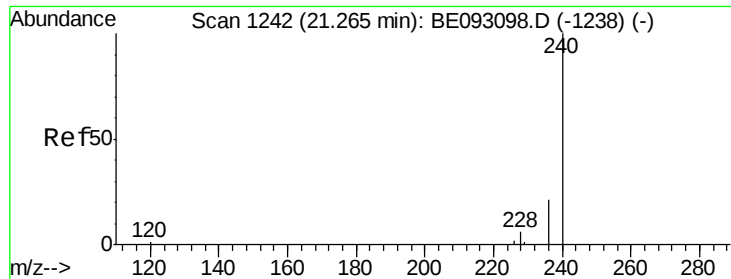


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

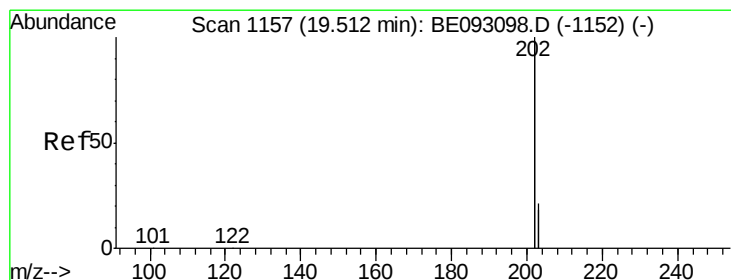
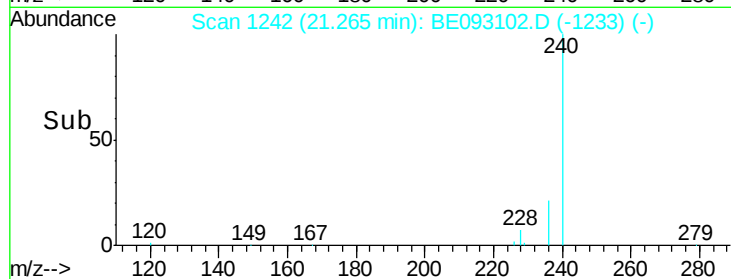
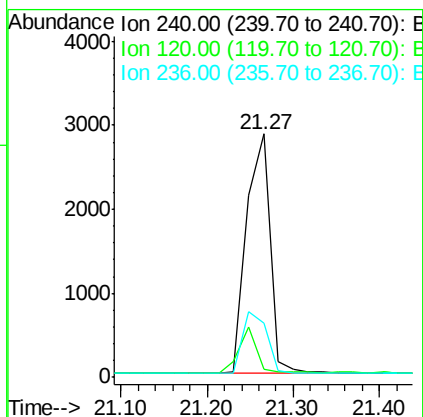
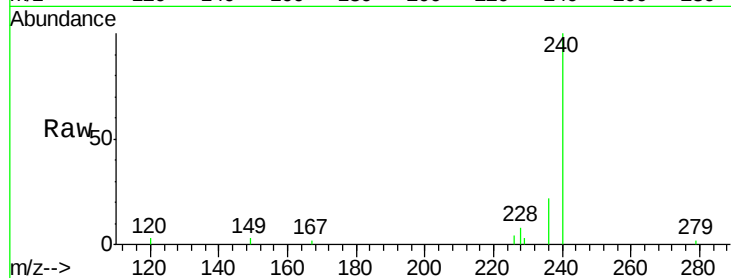




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

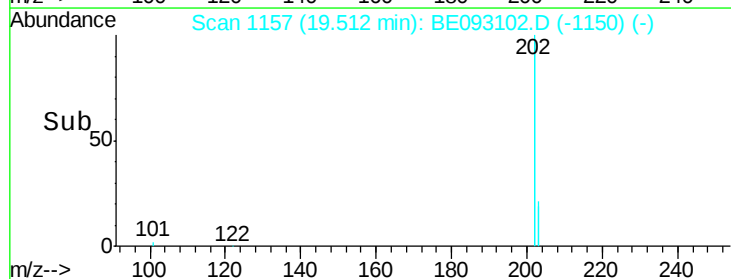
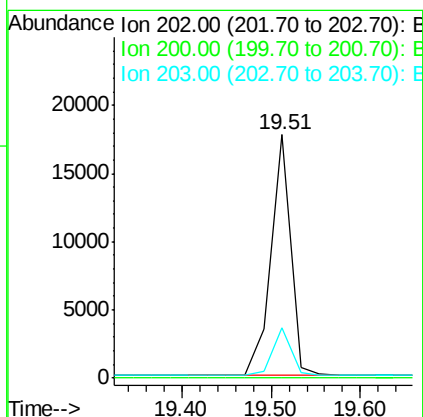
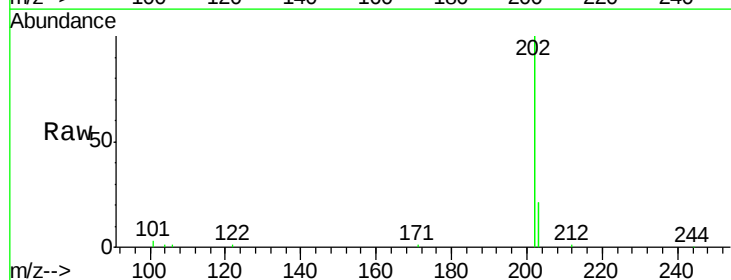
Instrument :
BNA_E
ClientSampleId :
ICVBE061217

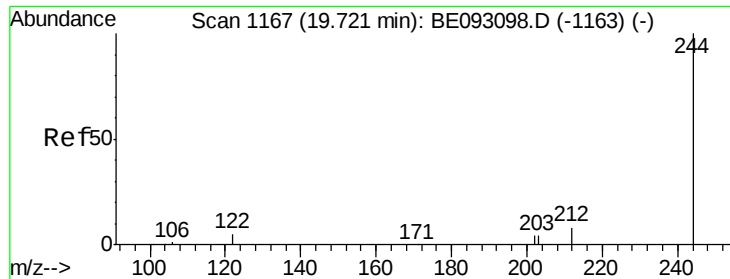
Tgt Ion: 240 Resp: 5439
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 22.5 20.8 31.2



#28
Pyrene
Concen: 0.414 ng
RT: 19.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE093102.D
Acq: 12 Jun 2017 13:27

Tgt Ion: 202 Resp: 27426
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.4 13.7 20.5





#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.72 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

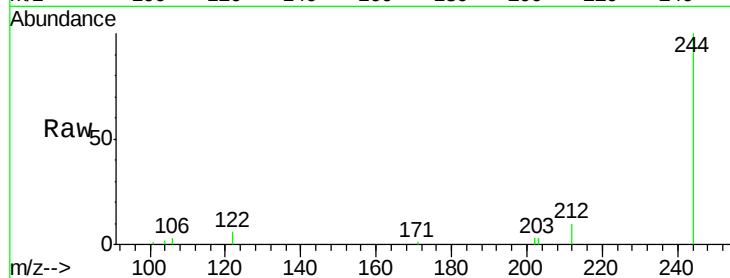
Tgt Ion:244 Resp: 4498

Ion Ratio Lower Upper

244 100

212 9.8 10.6 16.0#

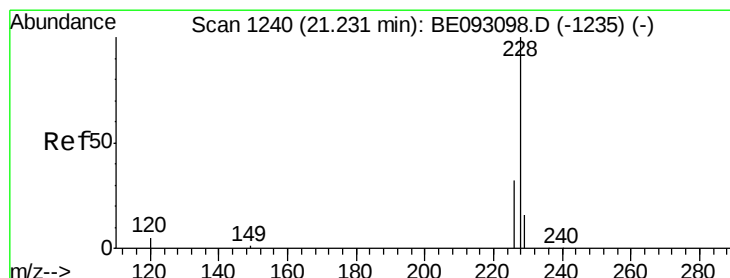
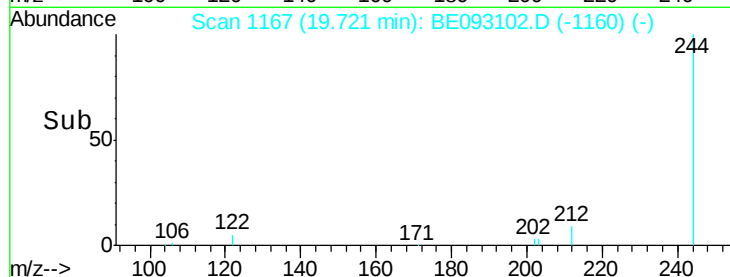
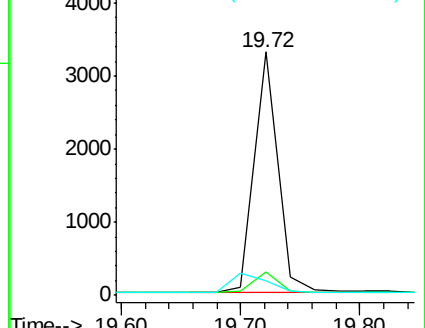
122 5.9 15.4 23.0#



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



#30

Benzo(a)anthracene

Concen: 0.397 ng

RT: 21.23 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

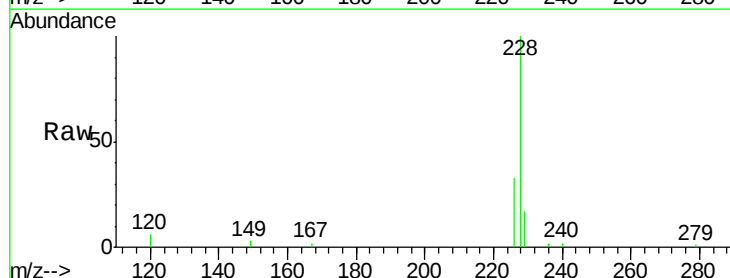
Tgt Ion:228 Resp: 5831

Ion Ratio Lower Upper

228 100

226 33.2 19.7 29.5#

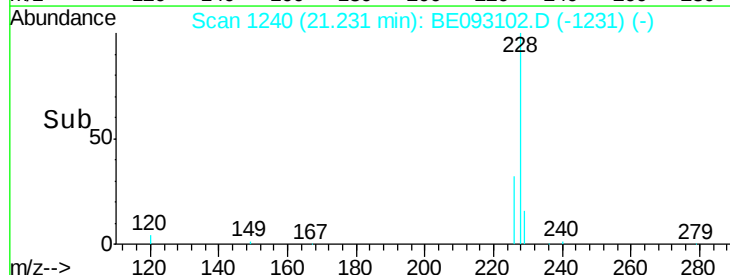
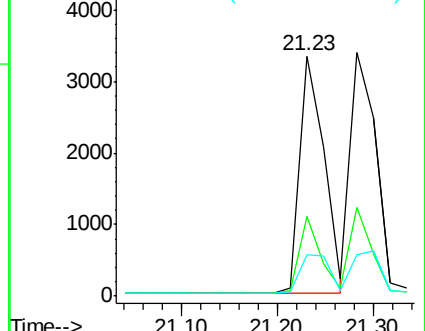
229 17.2 19.2 28.8#

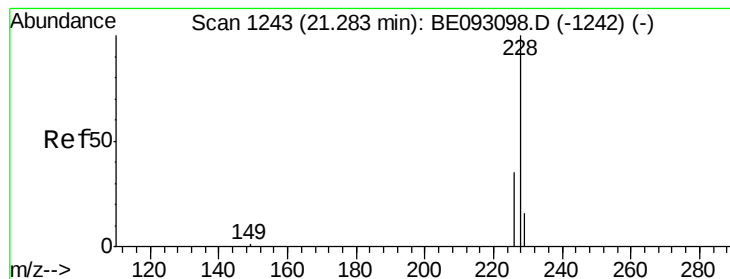


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.28 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

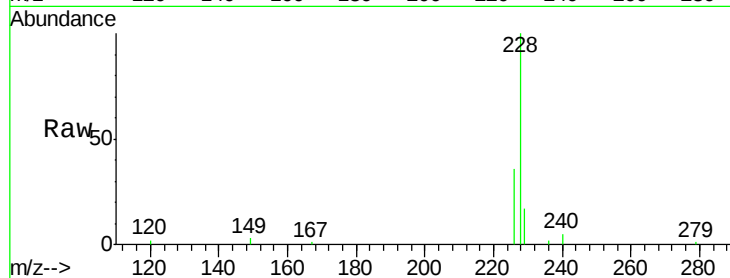
Tgt Ion:228 Resp: 6259

Ion Ratio Lower Upper

228 100

226 36.4 21.5 32.3#

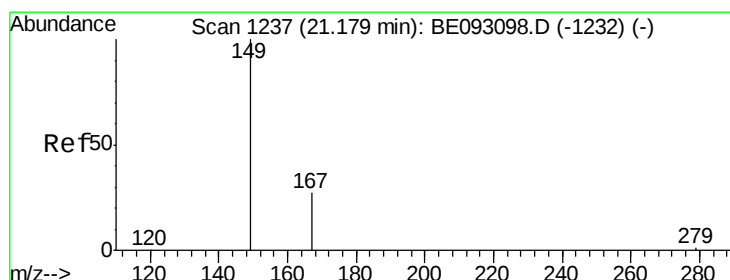
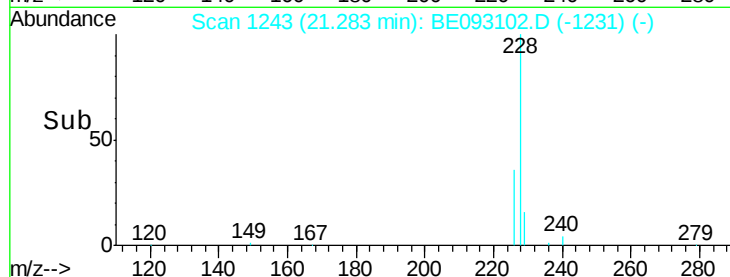
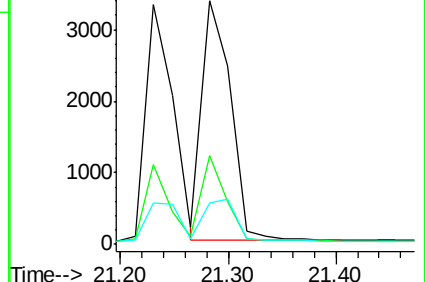
229 17.0 18.6 28.0#



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: 0.441 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

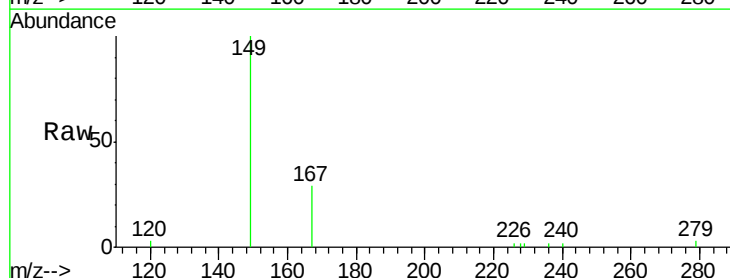
Tgt Ion:149 Resp: 2641

Ion Ratio Lower Upper

149 100

167 26.4 20.1 30.1

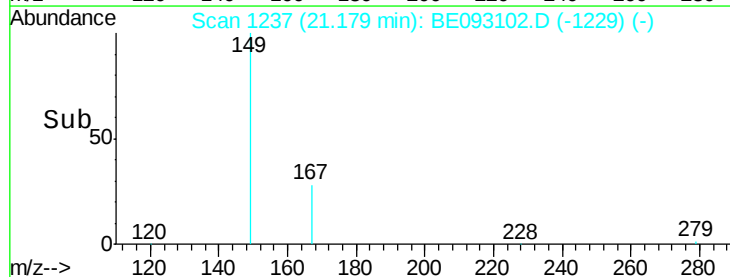
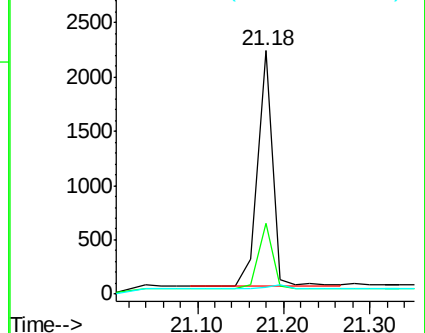
279 2.3 2.2 3.4

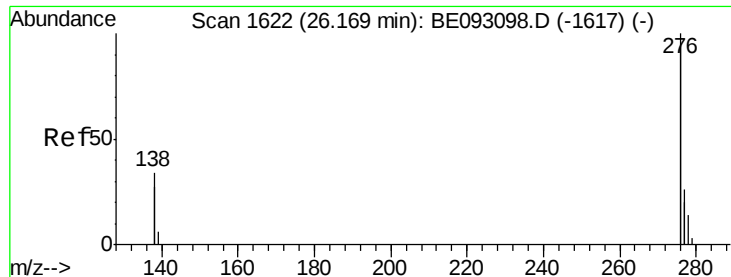


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.383 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

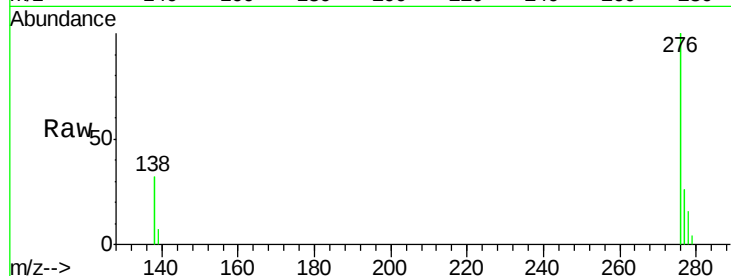
Tgt Ion:276 Resp: 22432

Ion Ratio Lower Upper

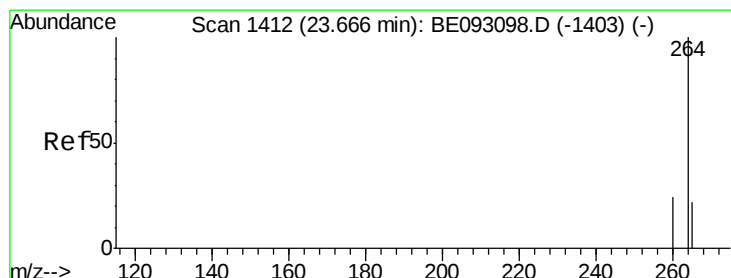
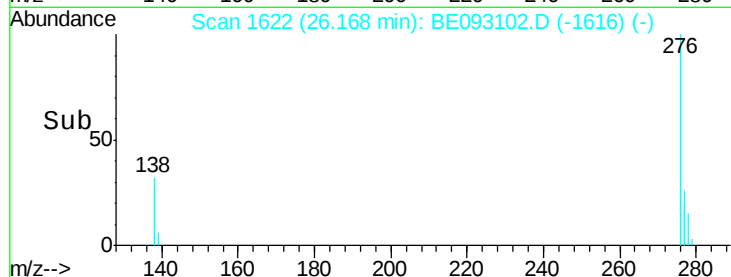
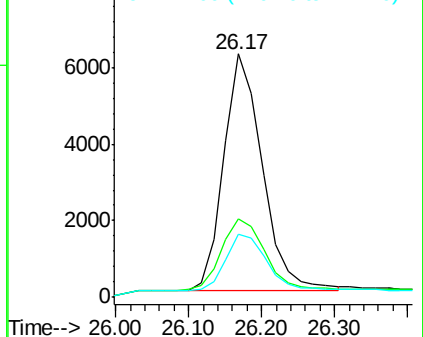
276 100

138 33.1 27.4 41.2

277 25.2 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: 23.67 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

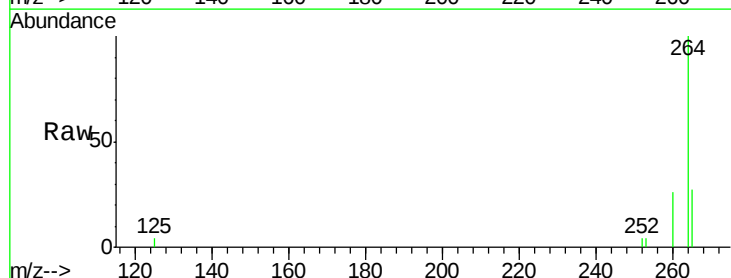
Tgt Ion:264 Resp: 4499

Ion Ratio Lower Upper

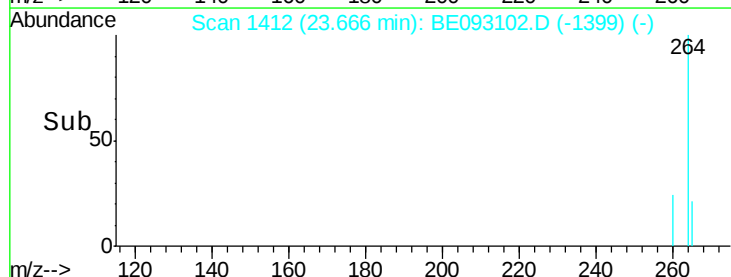
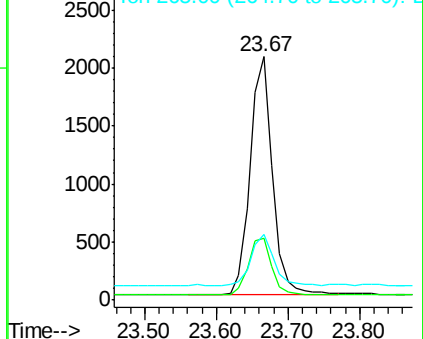
264 100

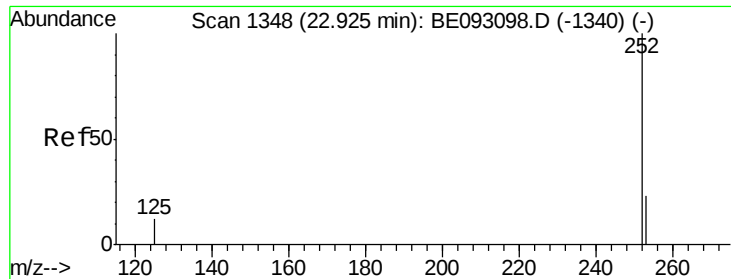
260 25.6 21.0 31.4

265 27.2 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: 0.393 ng

RT: 22.93 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

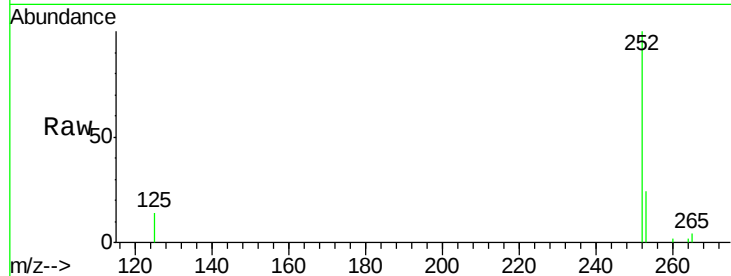
Tgt Ion:252 Resp: 5688

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

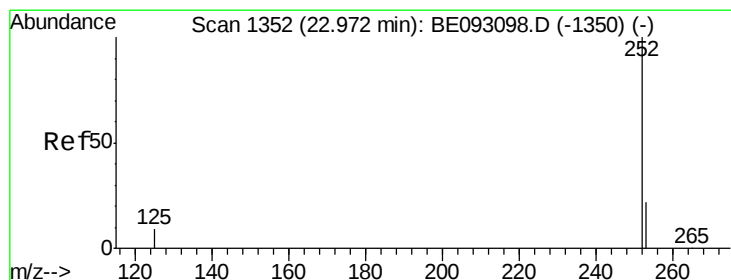
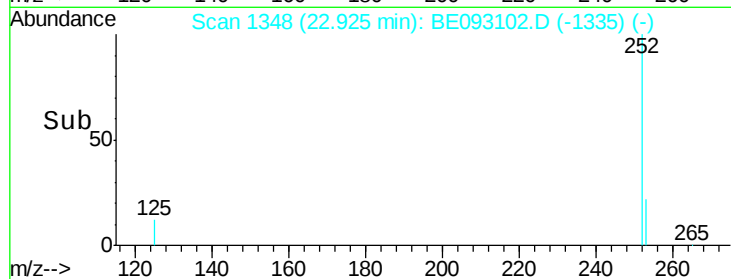
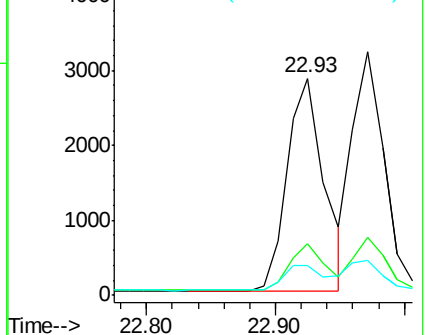
125 14.0 13.4 20.0



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: 0.397 ng

RT: 22.97 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

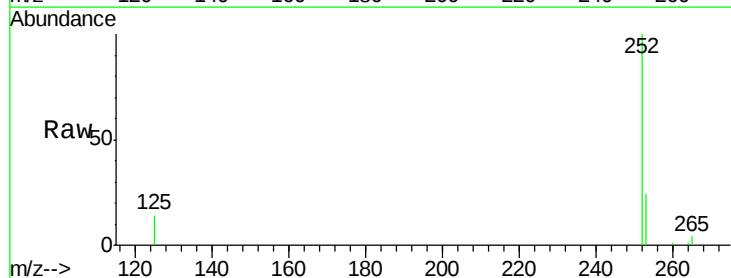
Tgt Ion:252 Resp: 5535

Ion Ratio Lower Upper

252 100

253 23.7 20.3 30.5

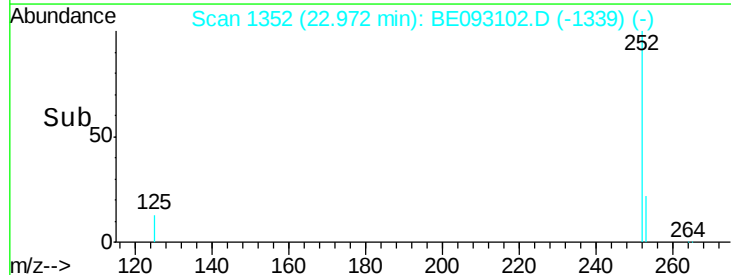
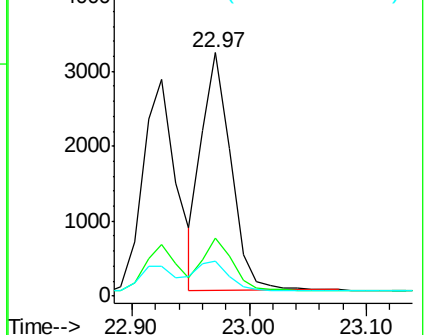
125 14.5 12.2 18.4

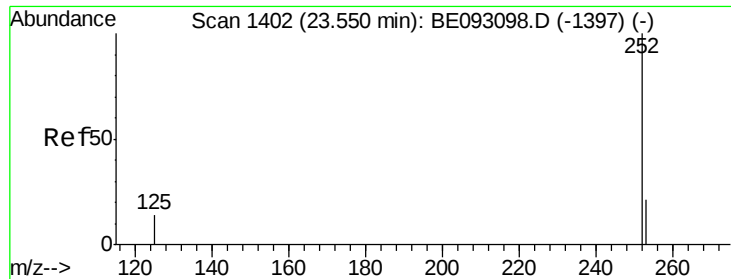


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.55 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217

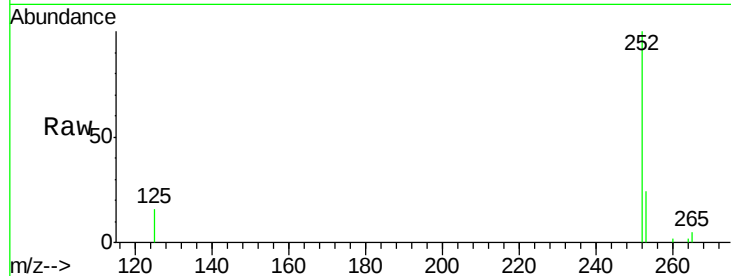
Tgt Ion:252 Resp: 4903

Ion Ratio Lower Upper

252 100

253 24.0 19.9 29.9

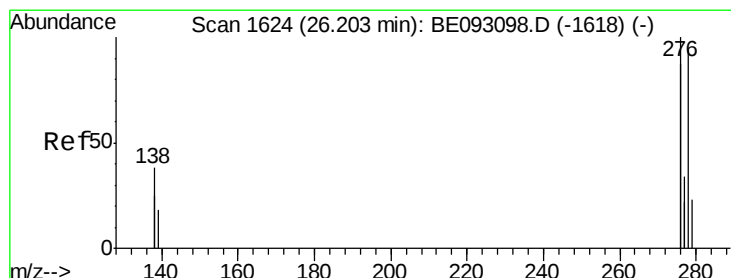
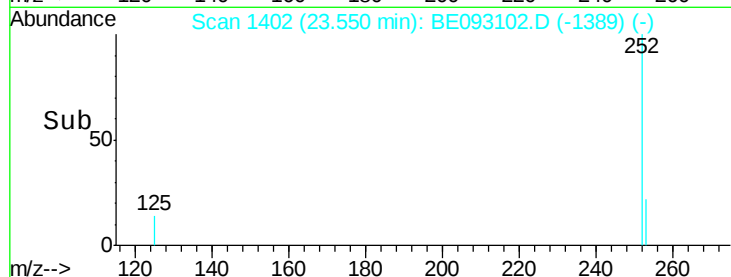
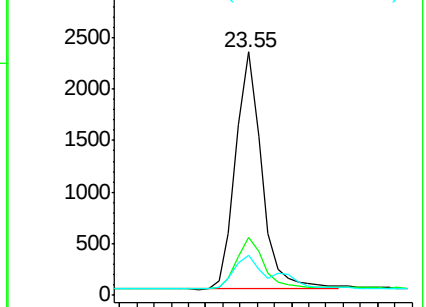
125 16.2 14.6 21.8



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: 0.393 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093102.D

Acq: 12 Jun 2017 13:27

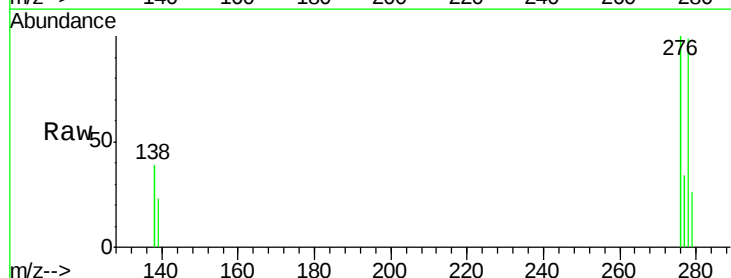
Tgt Ion:278 Resp: 5120

Ion Ratio Lower Upper

278 100

139 23.2 21.4 32.0

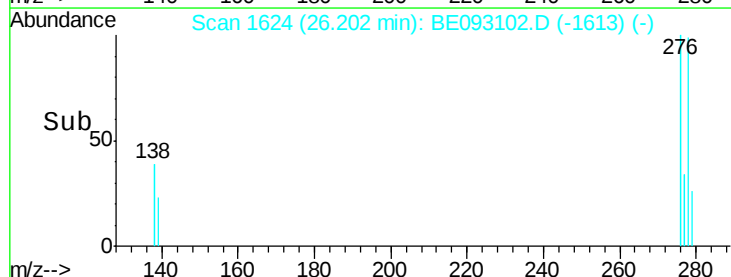
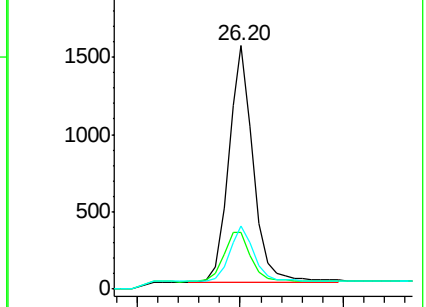
279 26.1 22.2 33.2

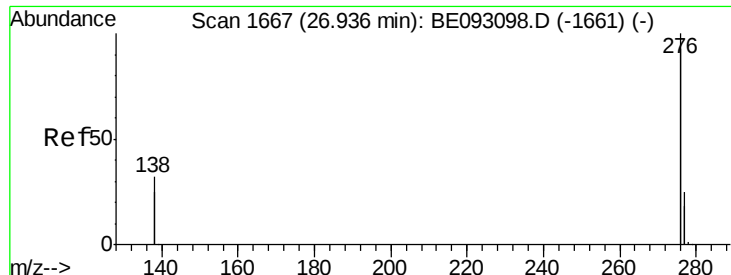


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.384 ng

RT: 26.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BE093102.D

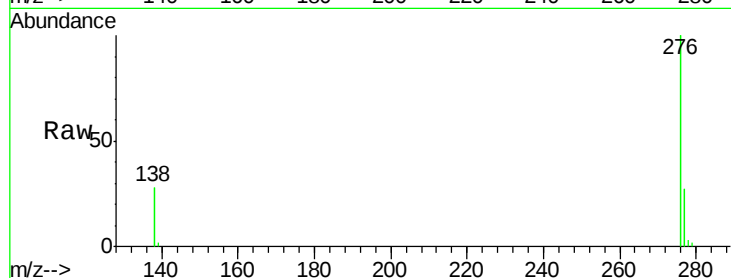
Acq: 12 Jun 2017 13:27

Instrument :

BNA_E

ClientSampleId :

ICVBE061217



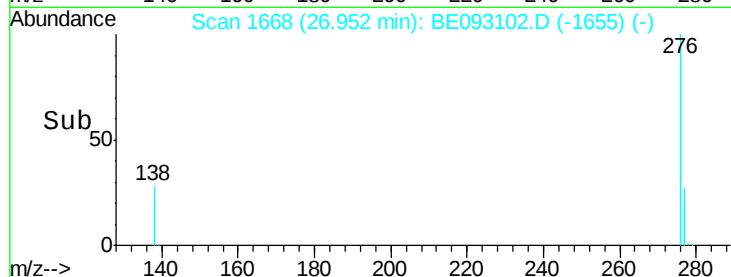
Tgt Ion: 276 Resp: 20224

Ion Ratio Lower Upper

276 100

277 27.0 21.2 31.8

138 27.9 24.5 36.7



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

