

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093122.D
 Acq On : 13 Jun 2017 3:44
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 04:59:49 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	615	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3022	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1673	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3385	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4711	0.40	ng	0.00
34) Perylene-d12	23.67	264	3868	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	919	0.51	ng	0.00
5) Phenol-d6	6.90	99	1267	0.48	ng	0.00
8) Nitrobenzene-d5	8.88	82	1135	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1999	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	215	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2953	0.41	ng	0.00
25) Fluoranthene-d10	19.12	212	4842	0.43	ng	0.00
29) Terphenyl-d14	19.72	244	4084	0.45	ng	0.00

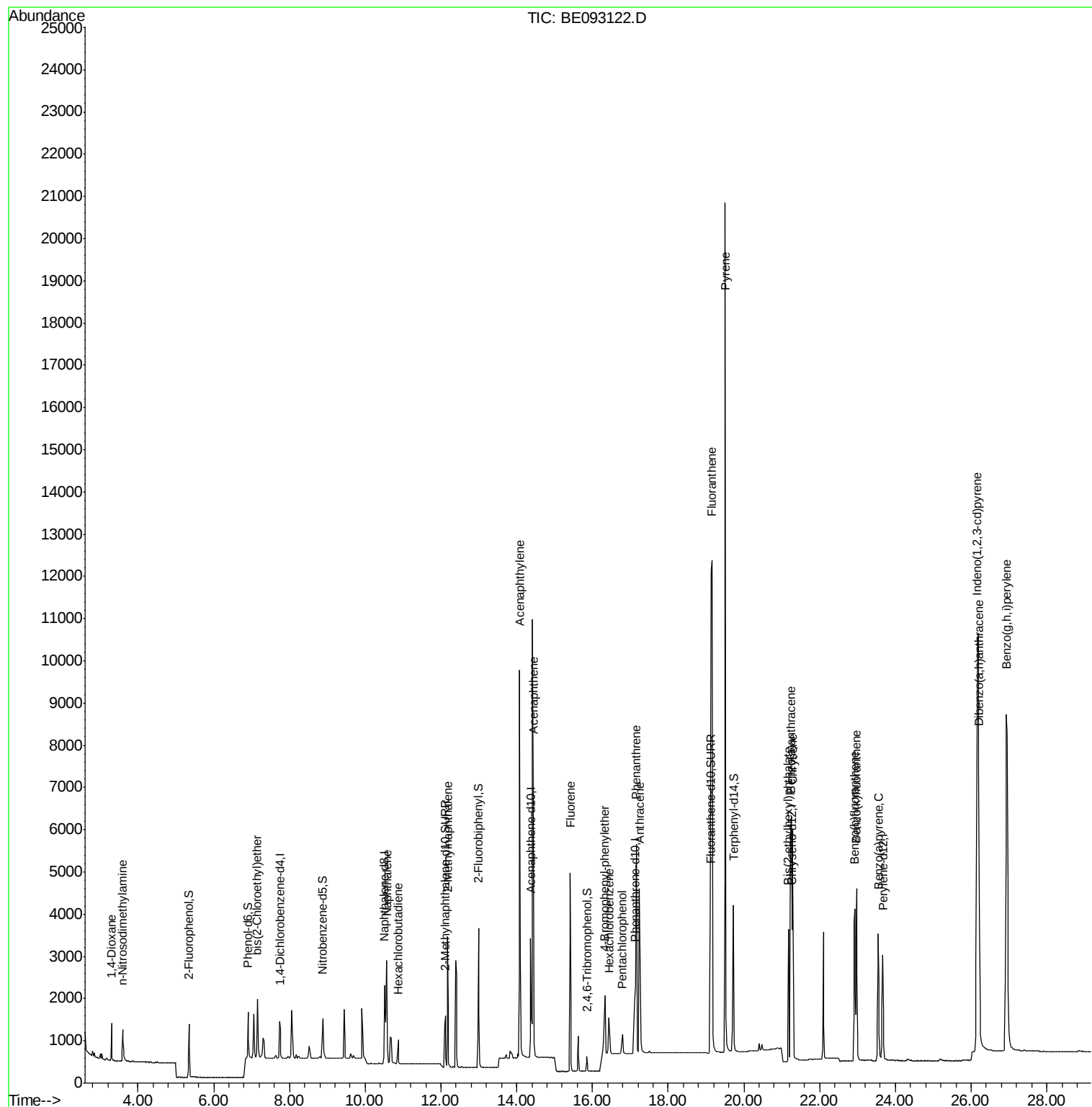
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	602	0.44	ng	97
3) n-Nitrosodimethylamine	3.60	42	548	0.47	ng	99
6) bis(2-Chloroethyl)ether	7.15	93	1064	0.46	ng	# 99
9) Naphthalene	10.56	128	3459	0.43	ng	99
10) Hexachlorobutadiene	10.87	225	468	0.43	ng	100
12) 2-Methylnaphthalene	12.18	142	2200	0.44	ng	96
16) Acenaphthylene	14.08	152	12278	0.42	ng	100
17) Acenaphthene	14.44	154	2335	0.43	ng	96
18) Fluorene	15.41	166	2844	0.43	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	955	0.46	ng	# 81
21) Hexachlorobenzene	16.44	284	772	0.43	ng	# 100
22) Pentachlorophenol	16.79	266	371	0.63	ng	# 87
23) Phenanthrene	17.16	178	6582	0.43	ng	99
24) Anthracene	17.25	178	5353	0.41	ng	99
26) Fluoranthene	19.16	202	23016	0.41	ng	# 99
28) Pyrene	19.51	202	25976	0.45	ng	# 98
30) Benzo(a)anthracene	21.23	228	5700	0.45	ng	# 85
31) Chrysene	21.28	228	5817	0.43	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.18	149	3032	0.58	ng	97
33) Indeno(1,2,3-cd)pyrene	26.17	276	21060	0.42	ng	99
35) Benzo(b)fluoranthene	22.93	252	5611	0.45	ng	96
36) Benzo(k)fluoranthene	22.97	252	4962	0.41	ng	98
37) Benzo(a)pyrene	23.55	252	4744	0.44	ng	99
38) Dibenzo(a,h)anthracene	26.20	278	4741	0.42	ng	# 93
39) Benzo(g,h,i)perylene	26.93	276	19332	0.43	ng	97

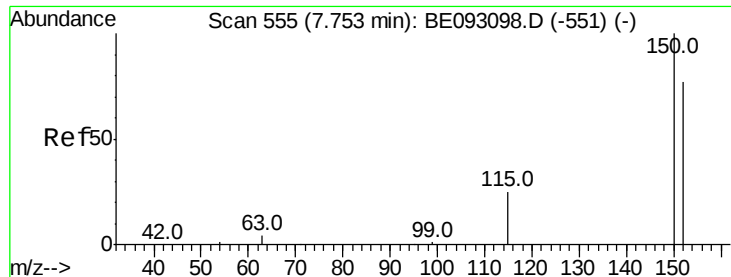
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampled :

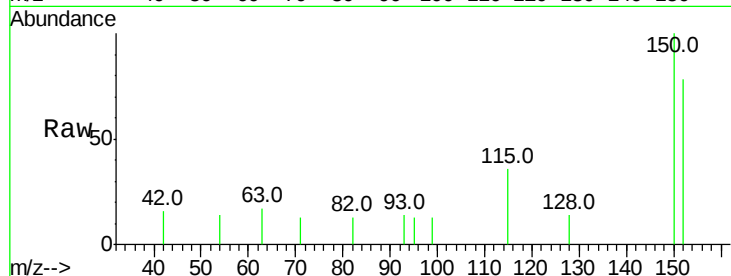
Tot Ion:152 Resp: 615

Ion Ratio Lower Upper

152 100

150 128.1 125.1 187.7

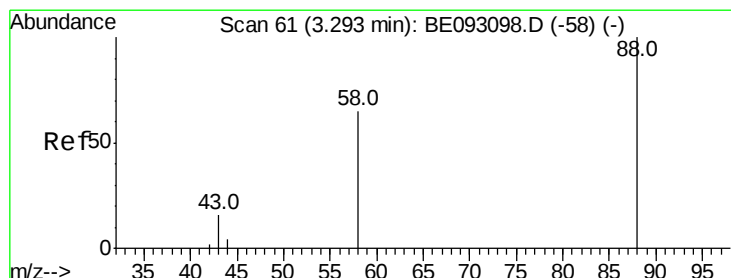
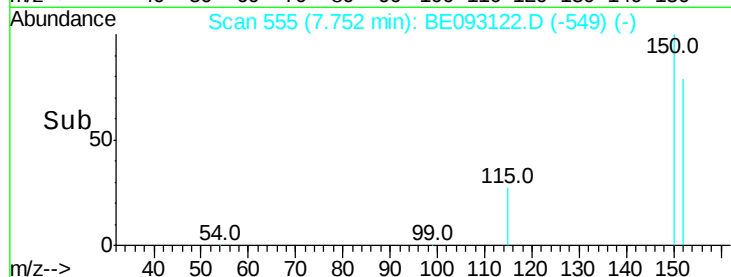
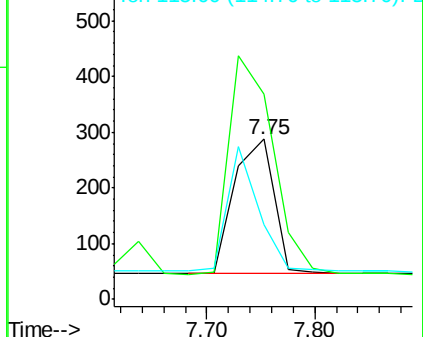
115 46.2 55.7 83.5#



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: 0.44 ng

RT: 3.29 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

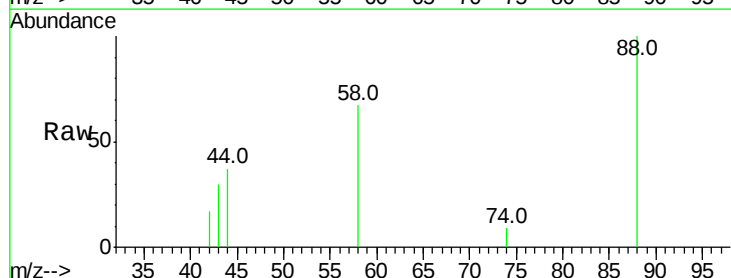
Tgt Ion: 88 Resp: 602

Ion Ratio Lower Upper

88 100

58 78.7 62.2 93.4

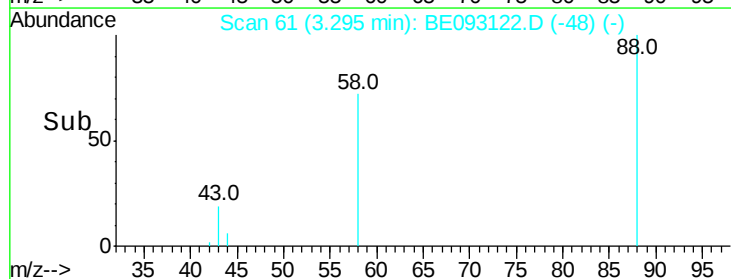
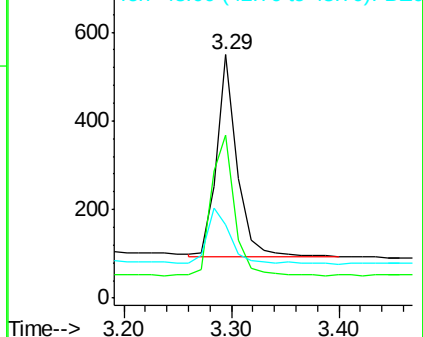
43 32.7 23.2 34.8

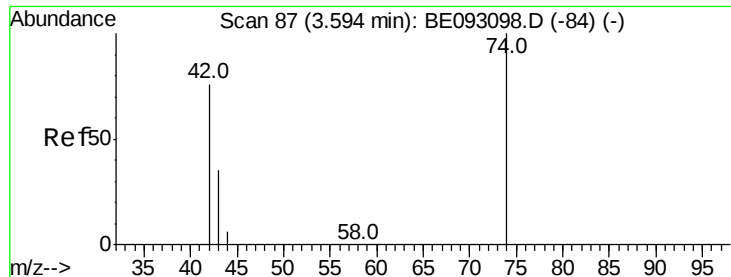


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.60 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampled :

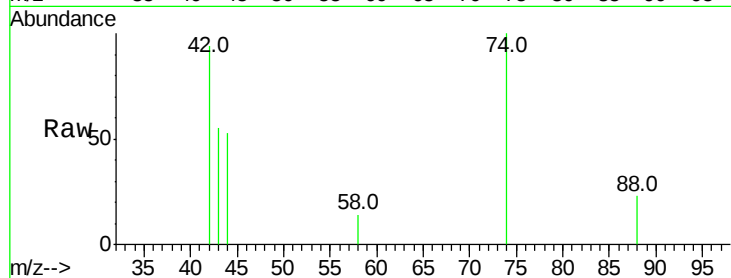
Tot Ion: 42 Resp: 548

Ion Ratio Lower Upper

42 100

74 122.6 99.1 148.7

44 9.7 7.4 11.2

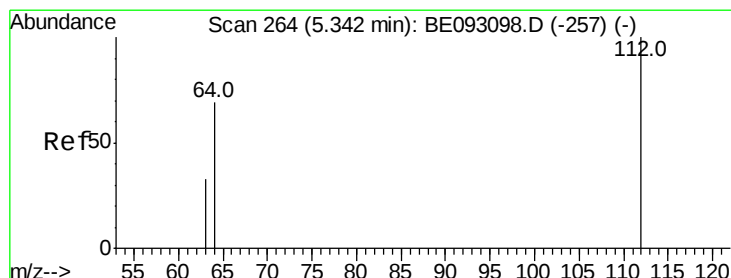
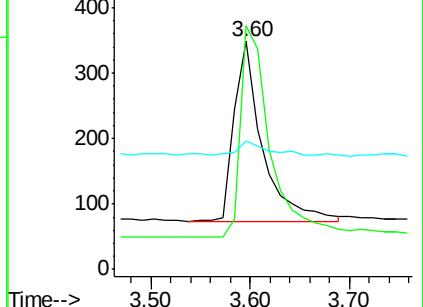
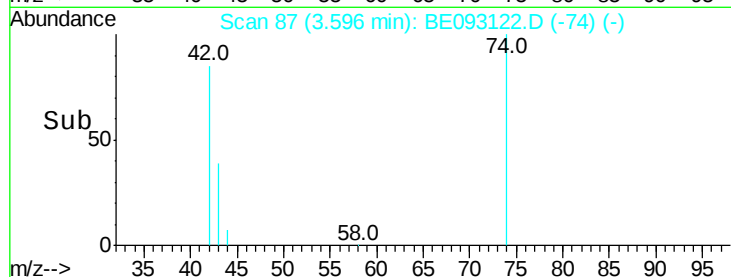


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

Time-->



#4

2-Fluorophenol

Concen: 0.51 ng

RT: 5.35 min Scan# 265

Delta R.T. 0.01 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

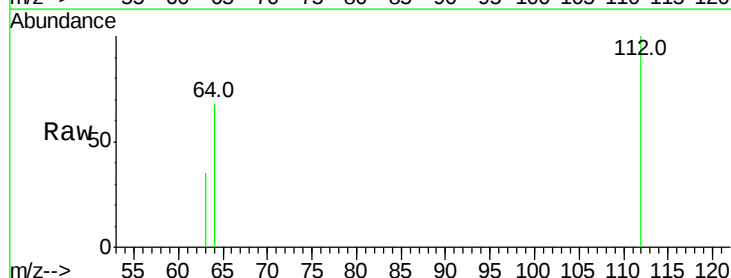
Tgt Ion: 112 Resp: 919

Ion Ratio Lower Upper

112 100

64 71.9 56.4 84.6

63 36.2 29.3 43.9

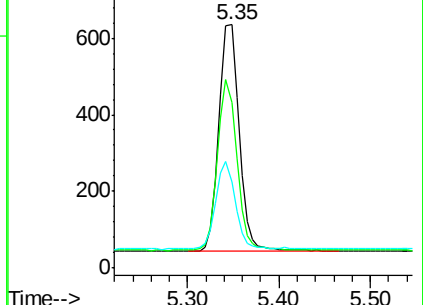
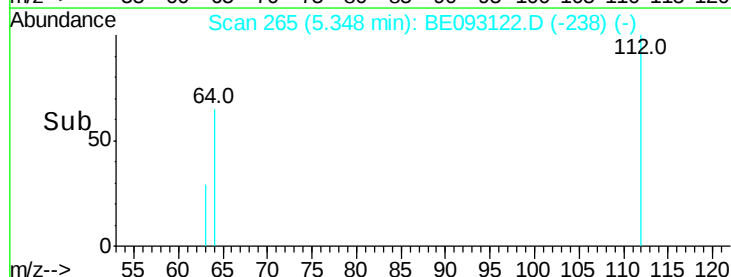


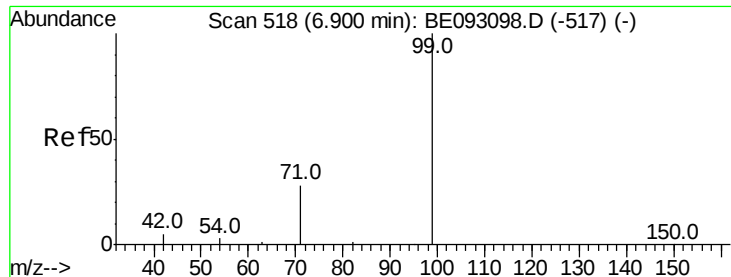
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.48 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

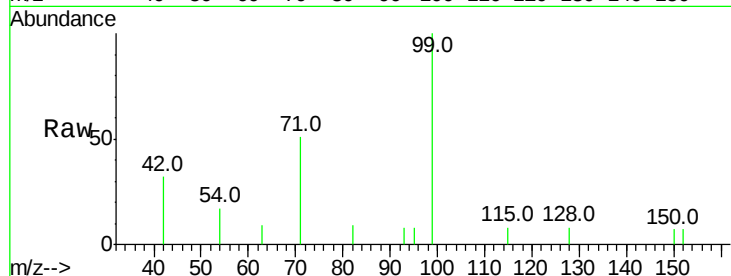
Tot Ion: 99 Resp: 1267

Ion Ratio Lower Upper

99 100

42 21.1 0.0 0.0#

71 37.5 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

6.90

800

600

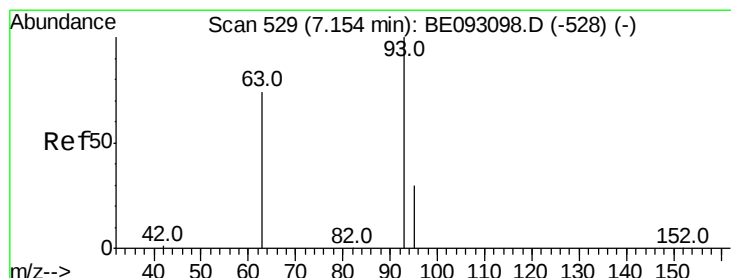
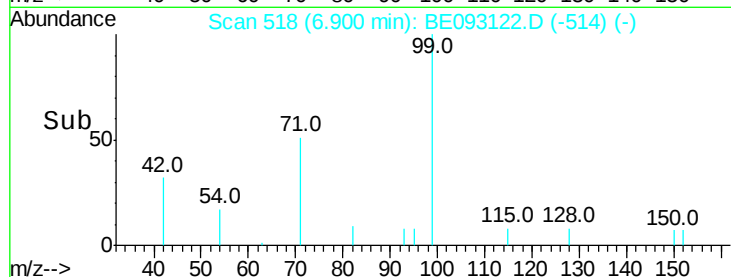
400

200

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.46 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

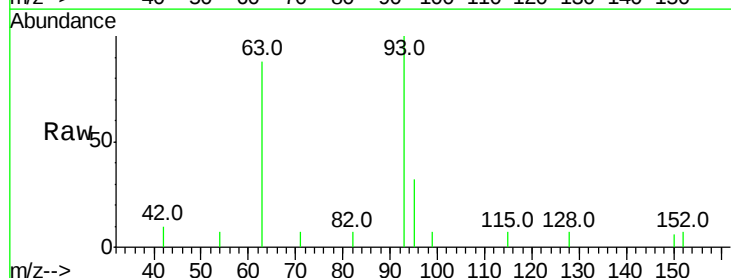
Tgt Ion: 93 Resp: 1064

Ion Ratio Lower Upper

93 100

63 88.2 0.0 0.0#

95 31.4 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

7.15

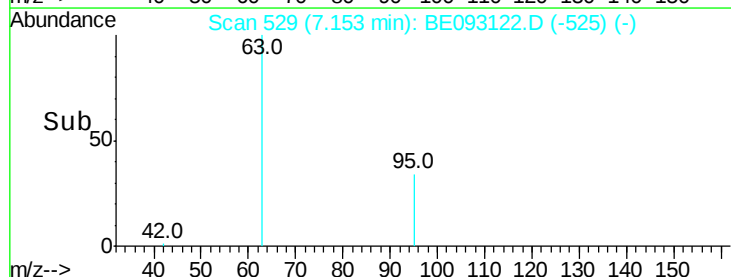
1000

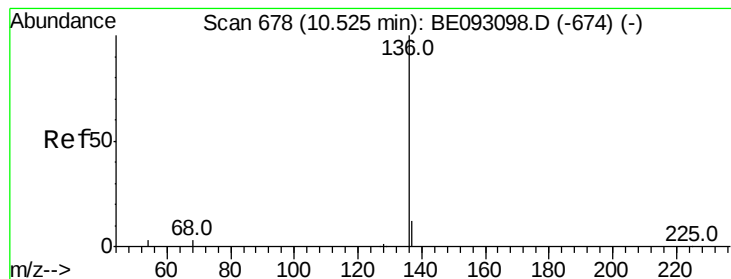
500

0

7.05 7.10 7.15 7.20 7.25

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3022

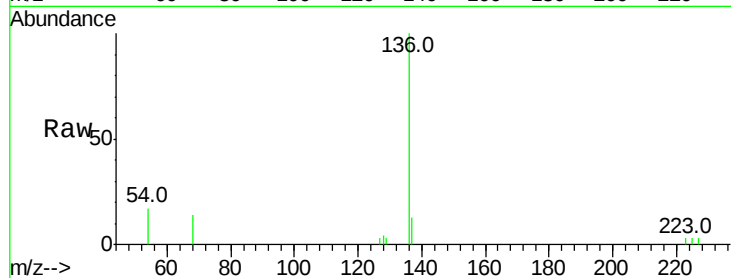
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 17.0 10.3 15.5#

68 14.4 9.0 13.4#

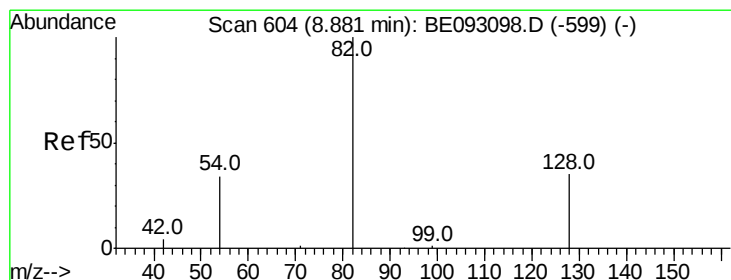
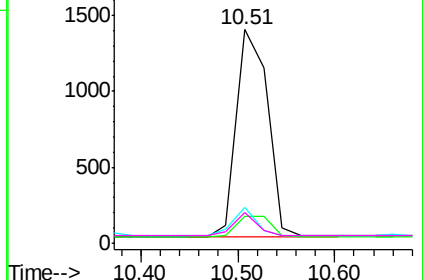
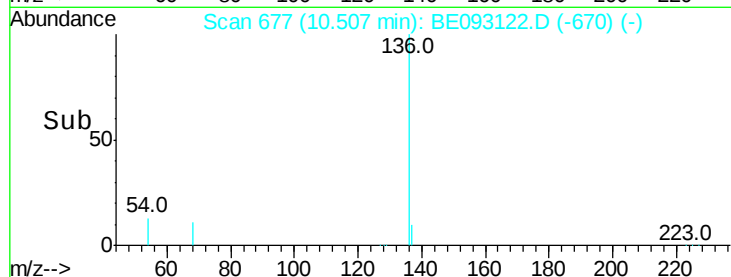


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.47 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

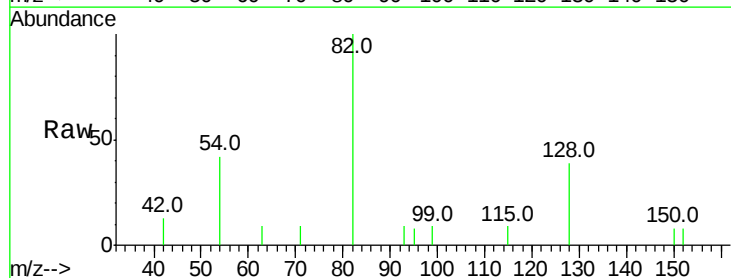
Tgt Ion: 82 Resp: 1135

Ion Ratio Lower Upper

82 100

128 39.2 17.0 25.4#

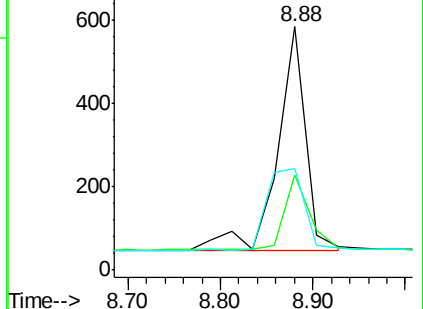
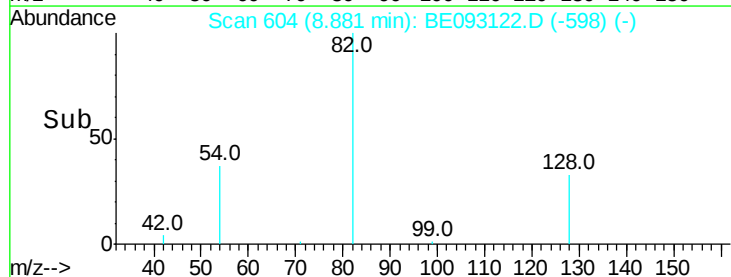
54 41.8 53.8 80.6#

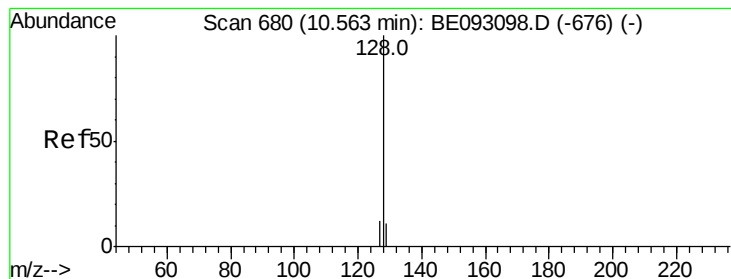


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.43 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampled :

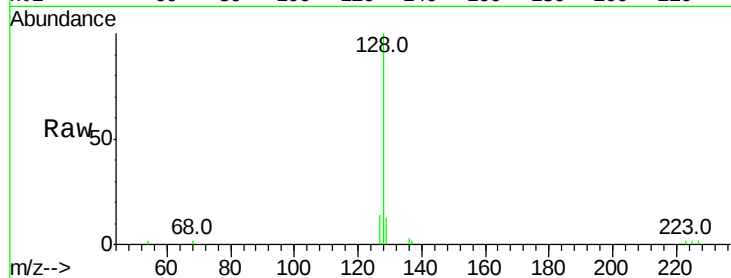
Tot Ion:128 Resp: 3459

Ion Ratio Lower Upper

128 100

129 13.2 11.4 17.0

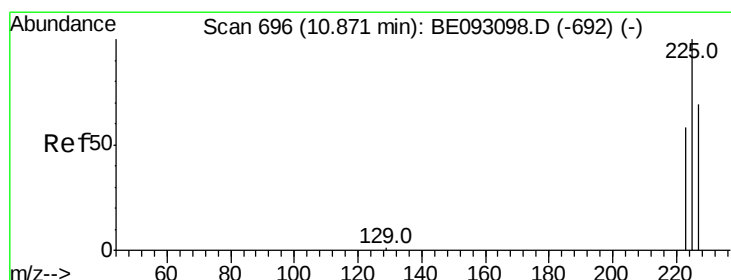
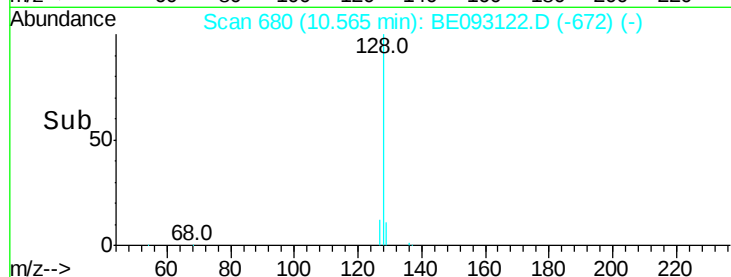
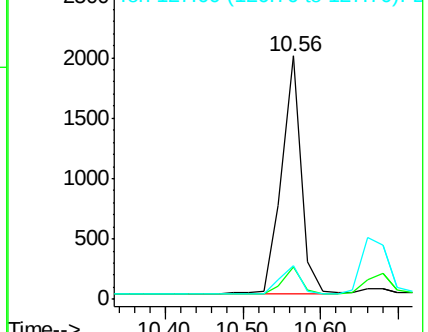
127 13.9 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.43 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

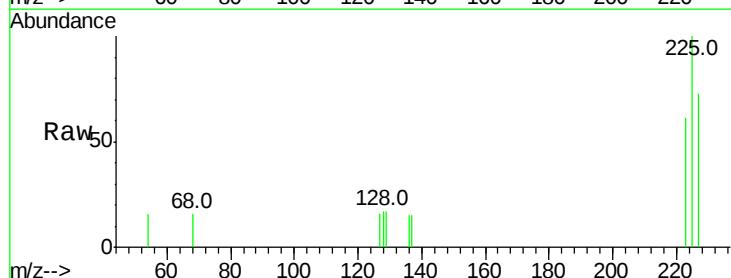
Tgt Ion:225 Resp: 468

Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

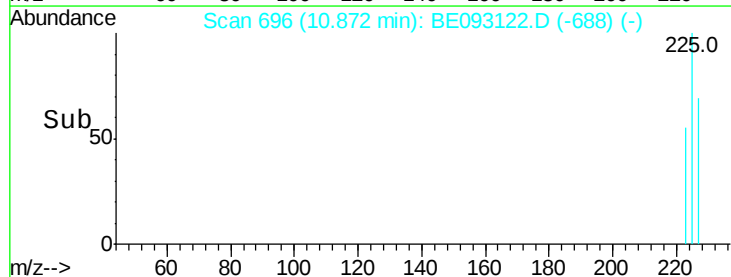
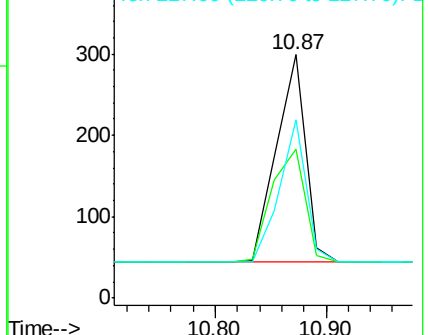
227 63.0 50.3 75.5

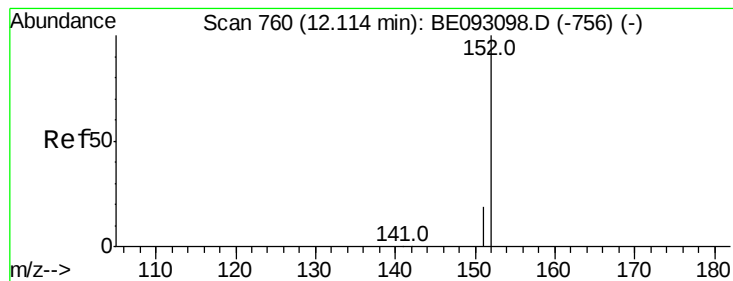


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.44 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

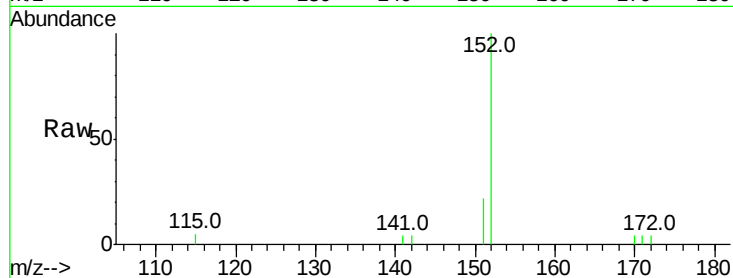
ClientSampleId :

Tot Ion:152 Resp: 1999

Ion Ratio Lower Upper

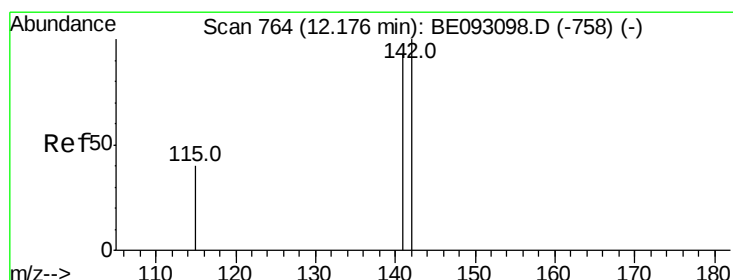
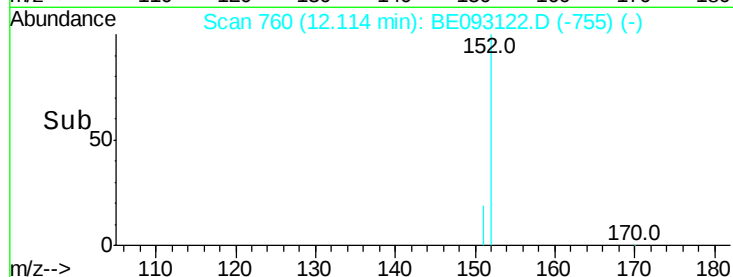
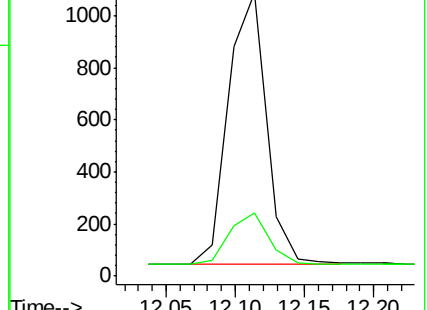
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.44 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

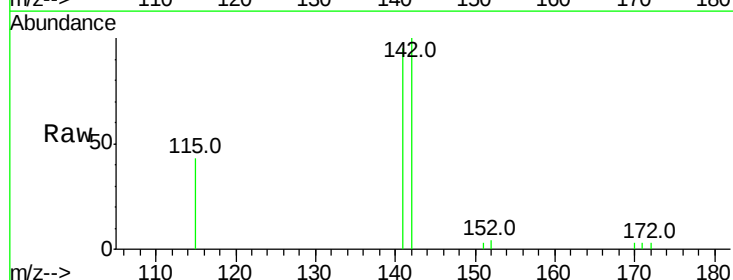
Tgt Ion:142 Resp: 2200

Ion Ratio Lower Upper

142 100

141 94.9 72.6 108.8

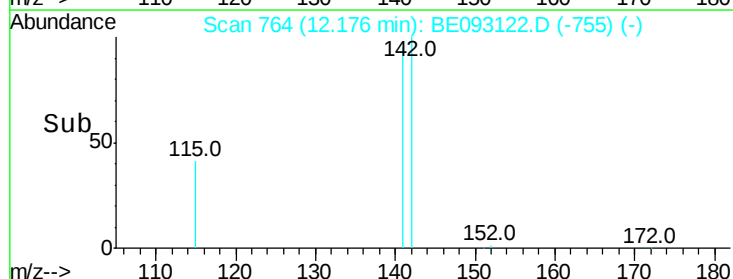
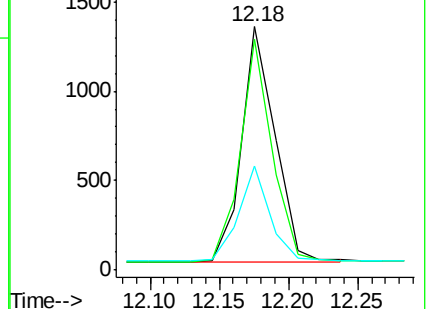
115 42.9 32.2 48.2

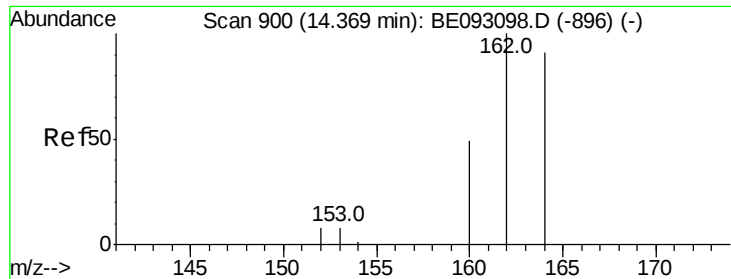


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

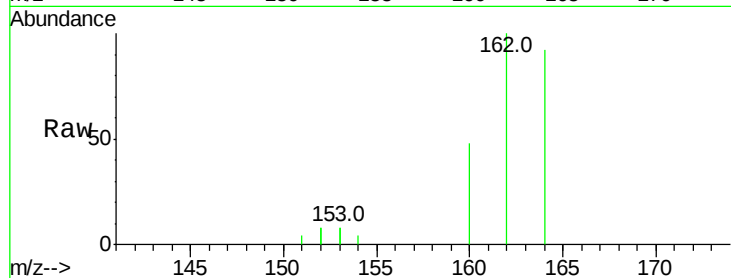
Tot Ion:164 Resp: 1673

Ion Ratio Lower Upper

164 100

162 108.3 84.6 127.0

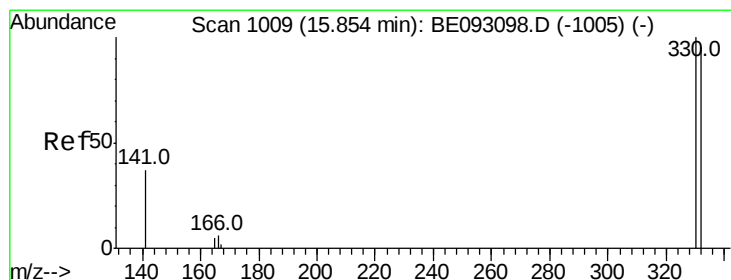
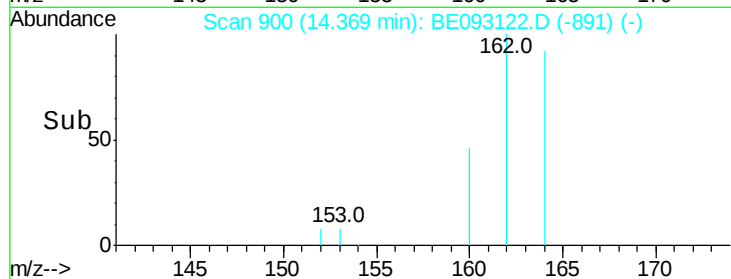
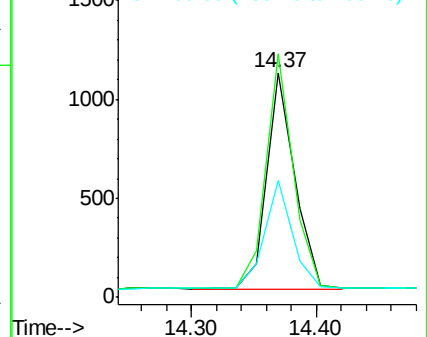
160 52.1 41.8 62.6



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: 0.56 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

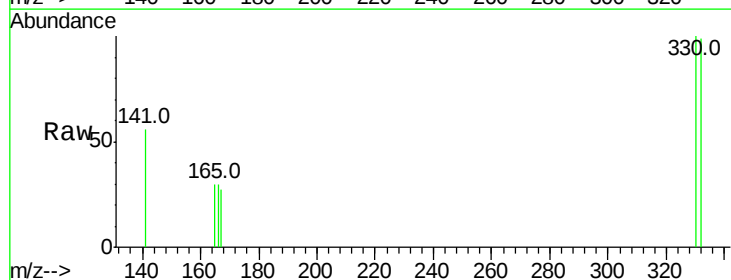
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

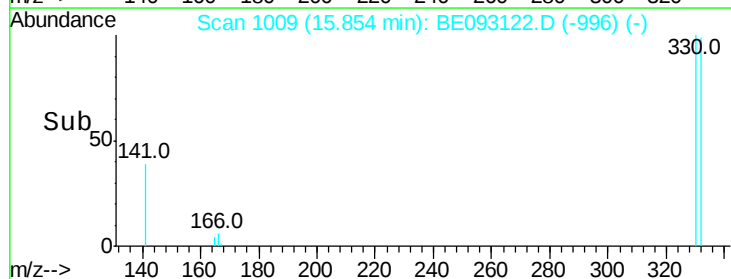
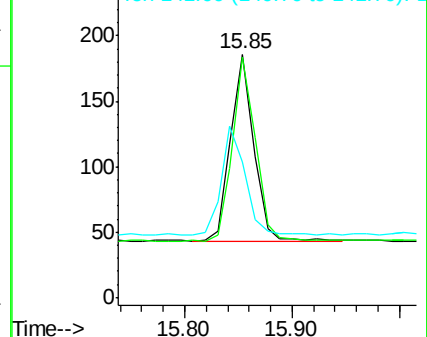
141 59.5 56.2 84.4

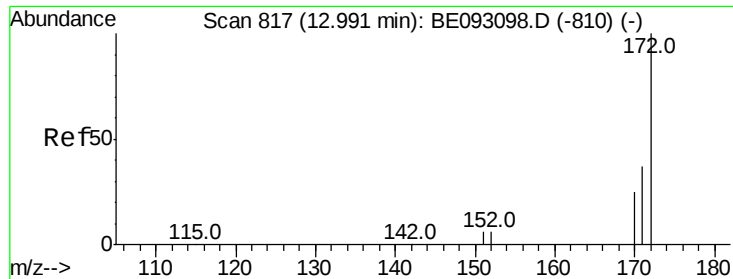


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

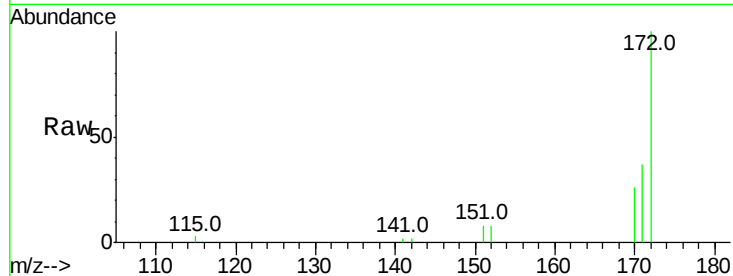




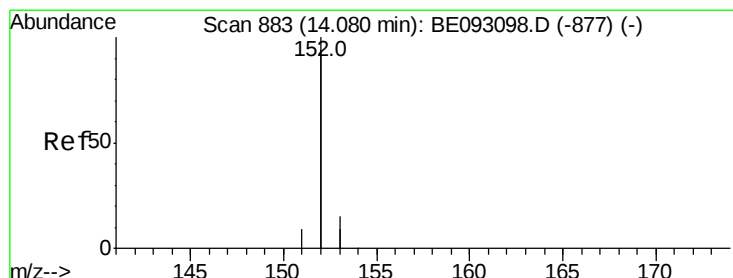
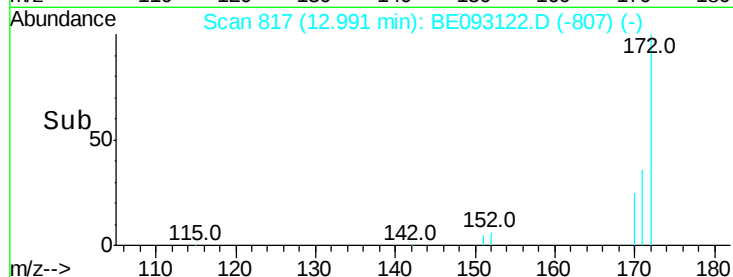
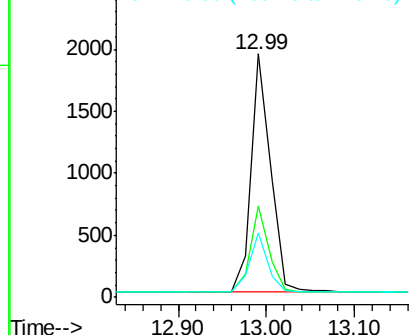
#15
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 12.99 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 2953
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 26.4 20.7 31.1

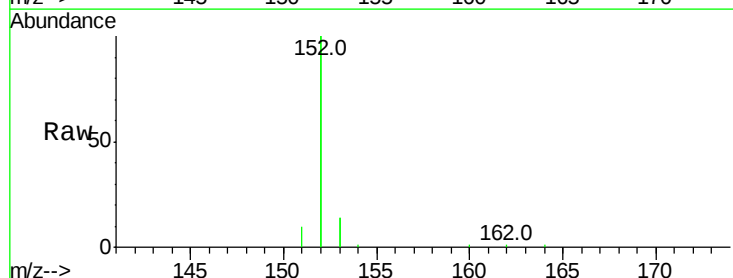


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

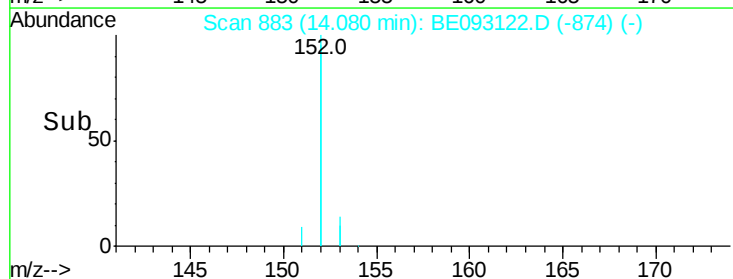
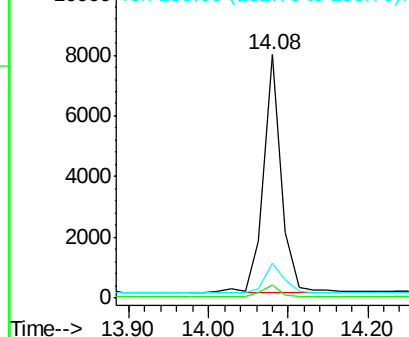


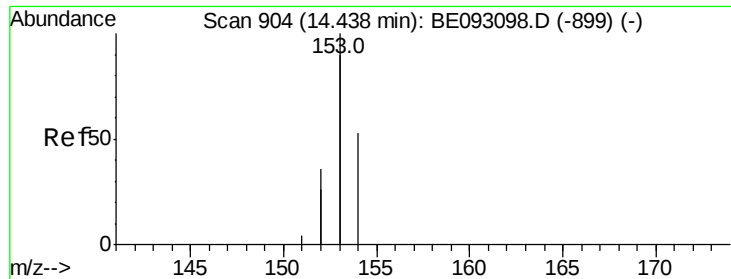
#16
 Acenaphthylene
 Concen: 0.42 ng
 RT: 14.08 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Tgt Ion:152 Resp: 12278
 Ion Ratio Lower Upper
 152 100
 151 4.9 4.0 6.0
 153 13.0 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

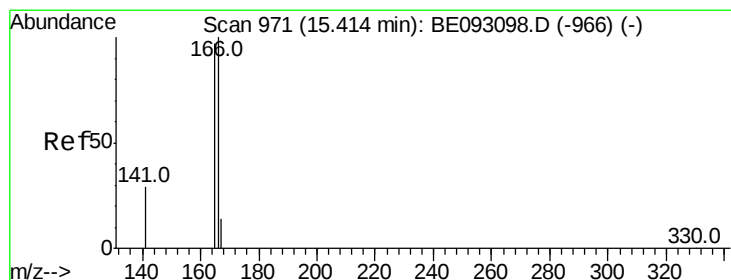
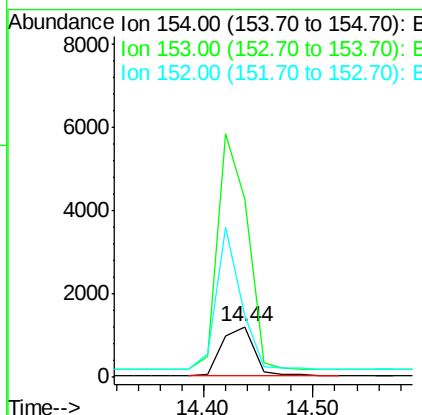
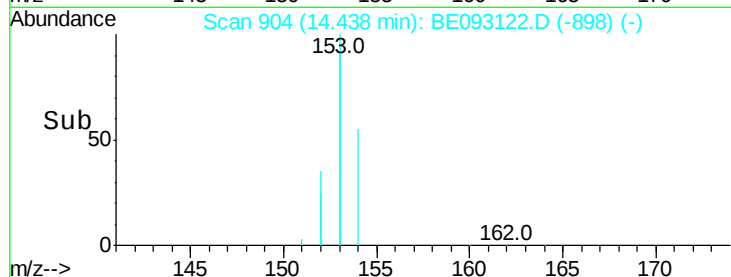
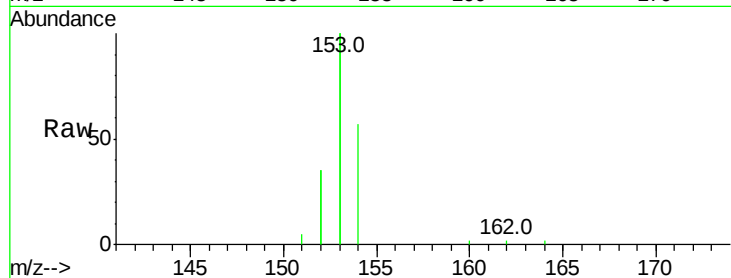




#17
Acenaphthene
Concen: 0.43 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

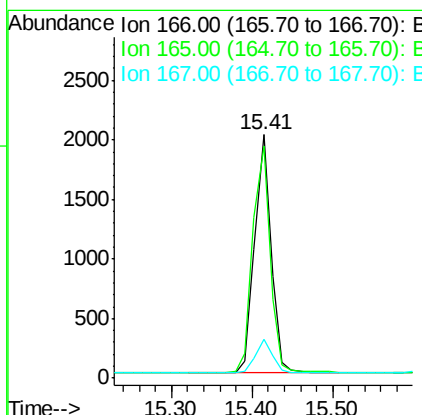
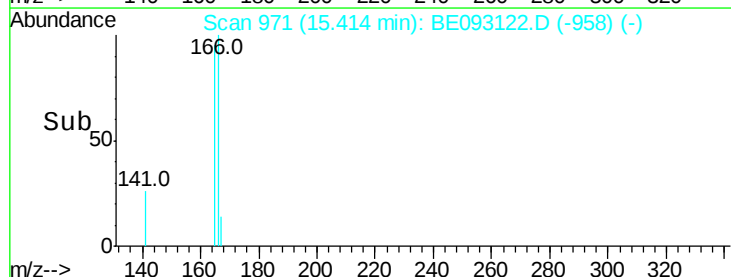
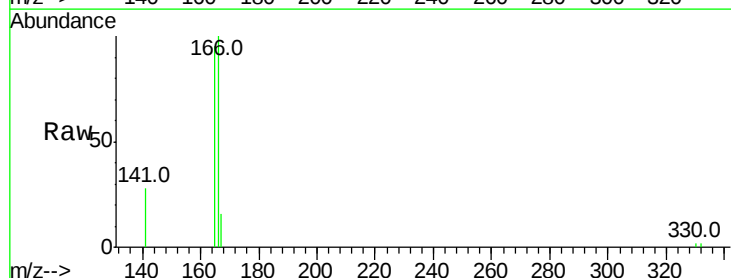
Instrument :
BNA_E
ClientSampleId :

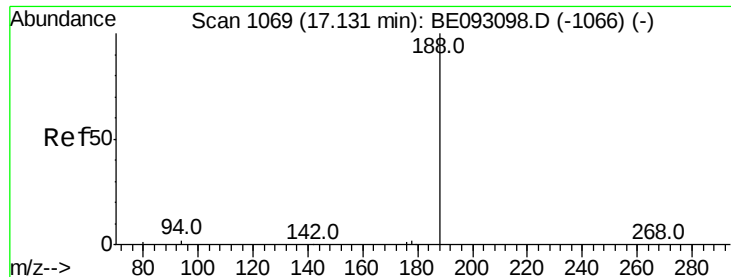
Tot Ion:154 Resp: 2335
Ion Ratio Lower Upper
154 100
153 449.7 367.8 551.6
152 227.3 188.2 282.2



#18
Fluorene
Concen: 0.43 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:166 Resp: 2844
Ion Ratio Lower Upper
166 100
165 99.9 78.6 117.8
167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

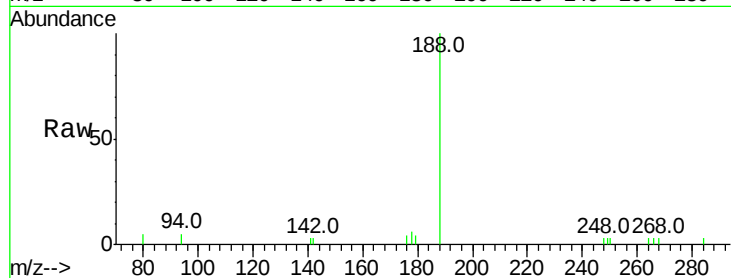
Tot Ion:188 Resp: 3385

Ion Ratio Lower Upper

188 100

94 5.1 11.3 16.9#

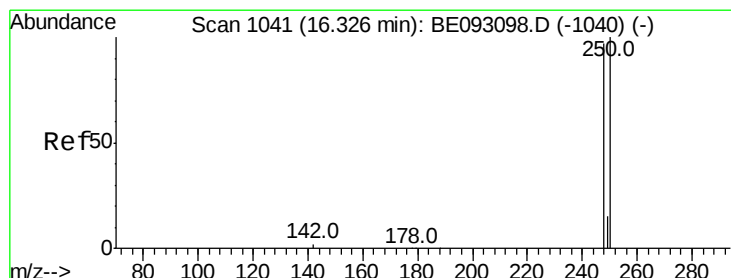
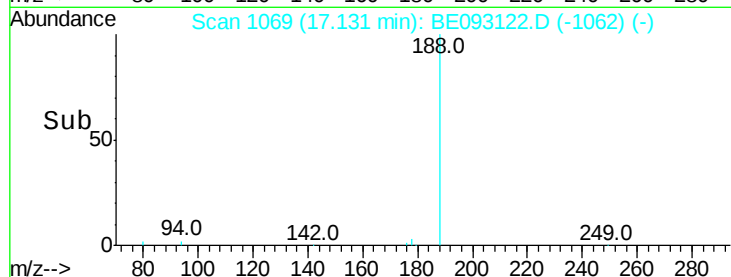
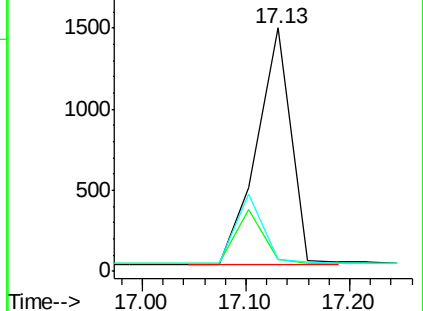
80 4.9 11.7 17.5#



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: 0.46 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

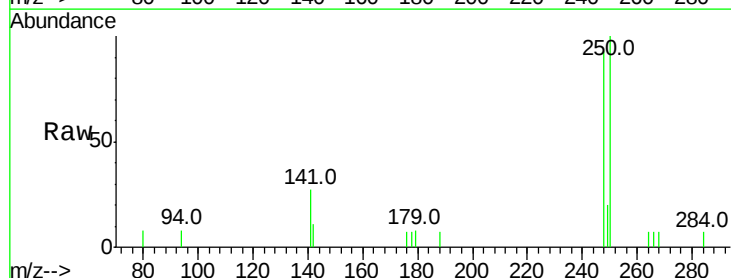
Tgt Ion:248 Resp: 955

Ion Ratio Lower Upper

248 100

250 107.8 100.0 150.0

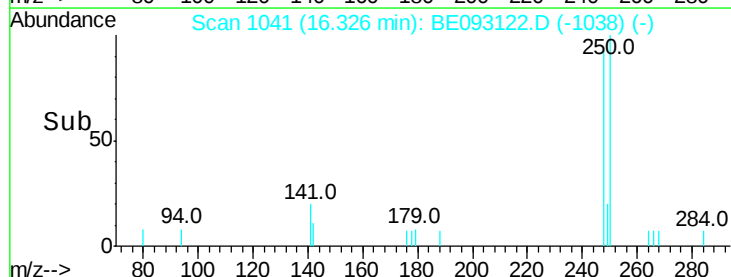
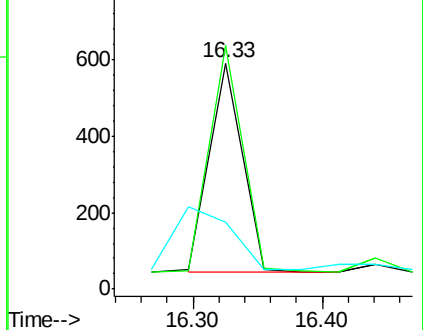
141 29.4 40.0 60.0#

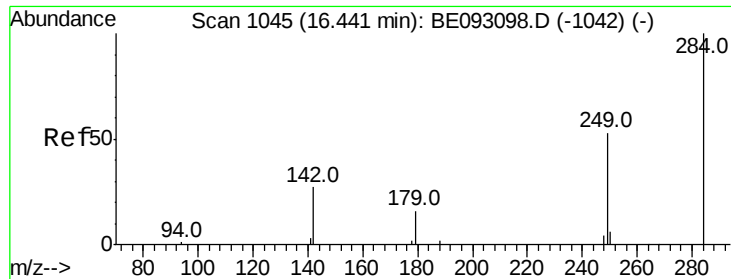


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.43 ng

RT: 16.44 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

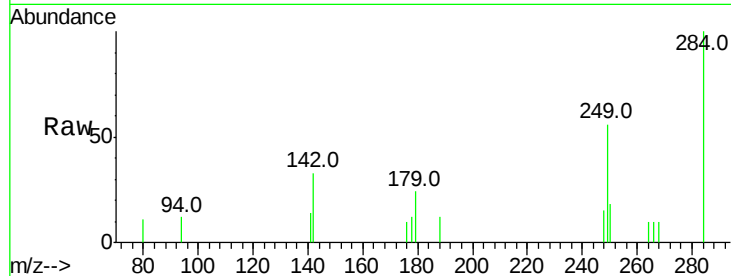
Tot Ion:284 Resp: 772

Ion Ratio Lower Upper

284 100

142 36.3 0.0 0.0#

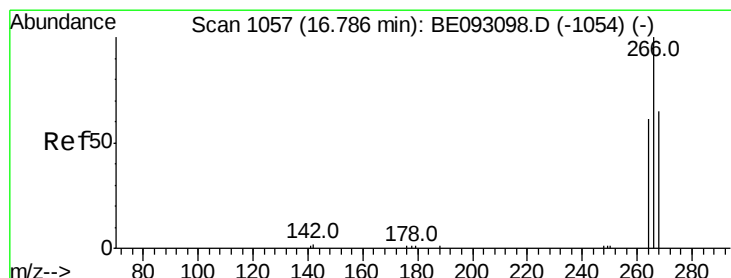
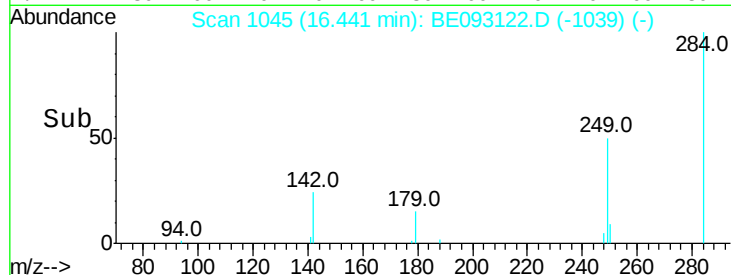
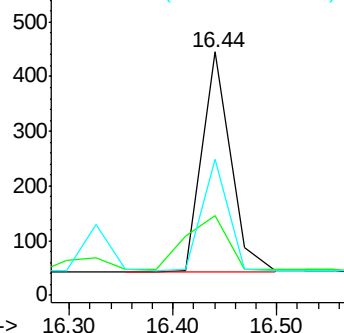
249 45.9 0.0 0.0#



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: 0.63 ng

RT: 16.79 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

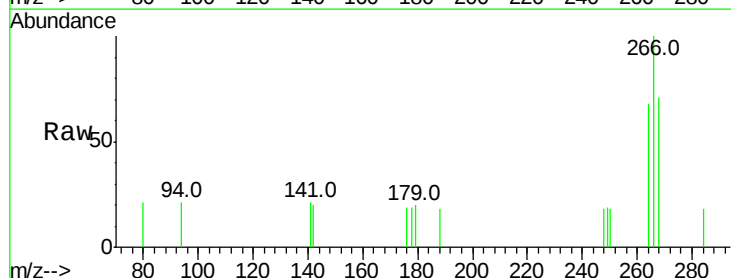
Tgt Ion:266 Resp: 371

Ion Ratio Lower Upper

266 100

264 68.4 58.2 87.2

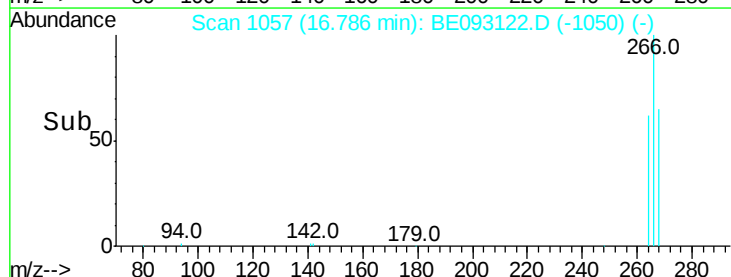
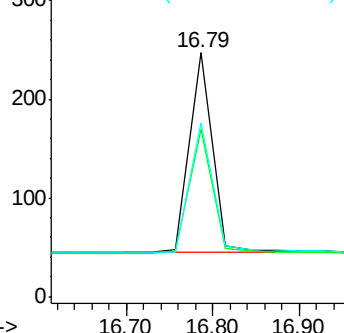
268 71.3 71.9 107.9#

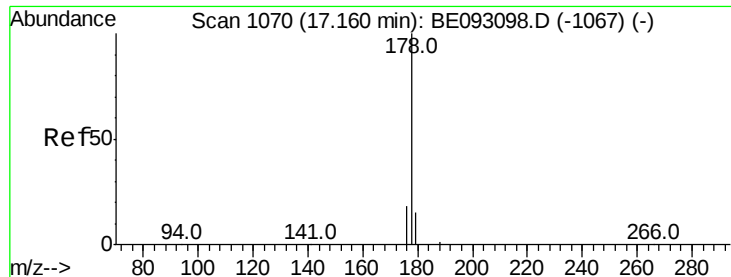


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.43 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

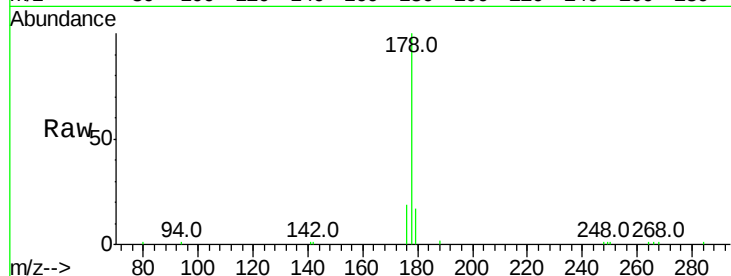
Tot Ion:178 Resp: 6582

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

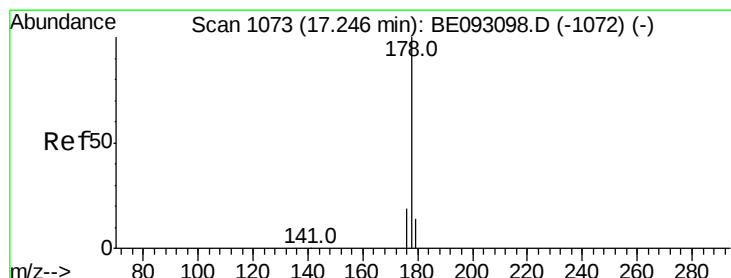
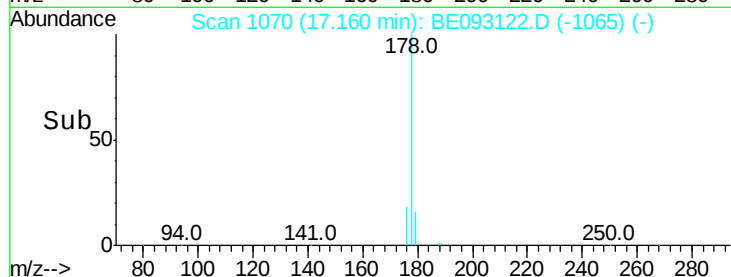
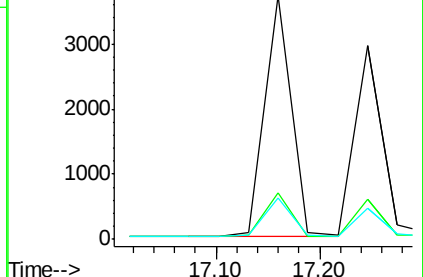
179 15.6 12.7 19.1



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: 0.41 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

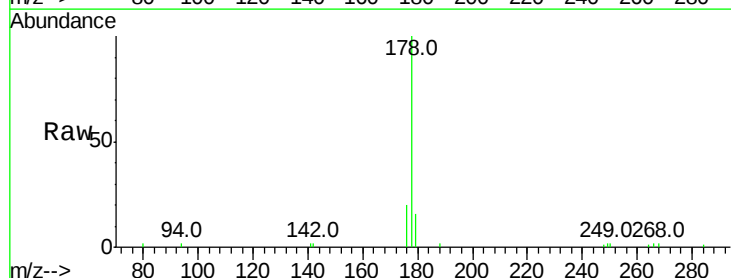
Tgt Ion:178 Resp: 5353

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

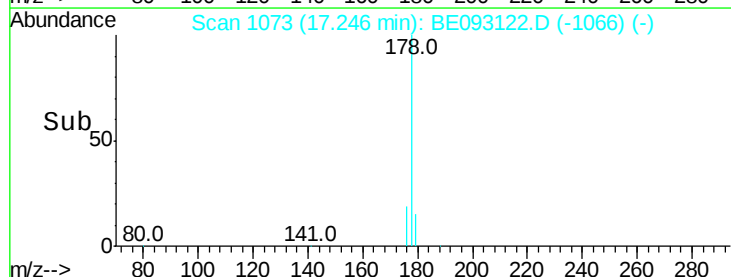
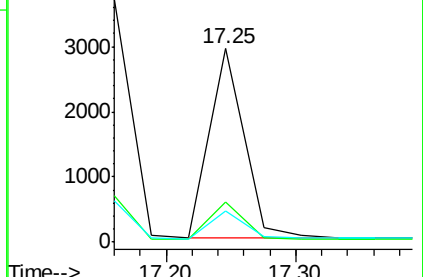
179 14.8 12.0 18.0

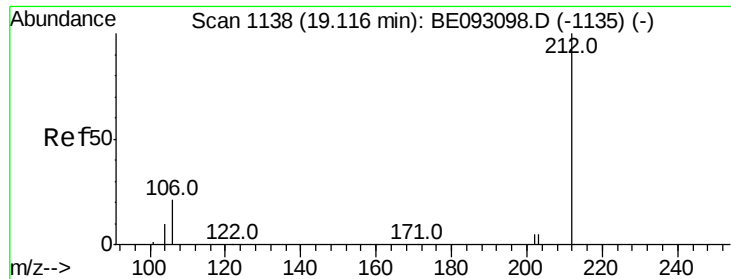


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.43 ng

RT: 19.12 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

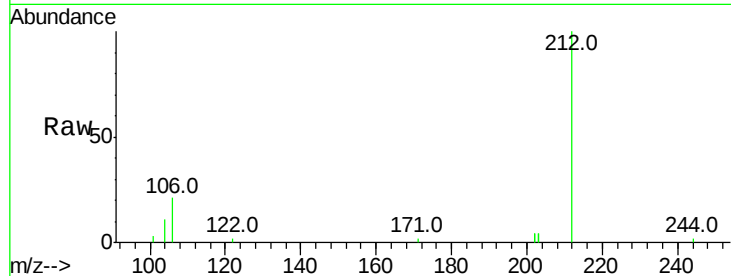
Tot Ion:212 Resp: 4842

Ion Ratio Lower Upper

212 100

106 17.0 0.0 0.0#

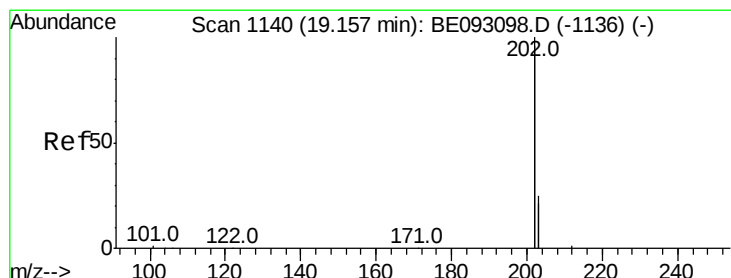
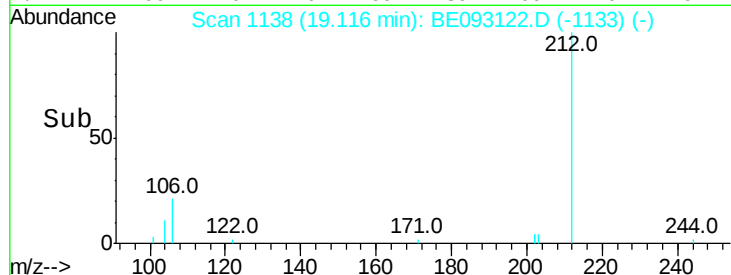
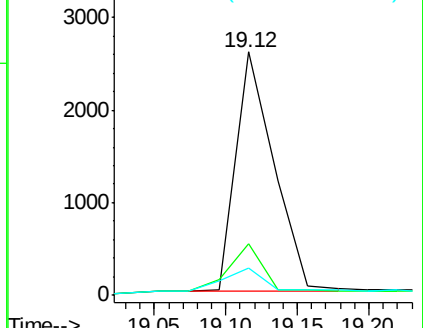
104 9.2 0.0 0.0#



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: 0.41 ng

RT: 19.16 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

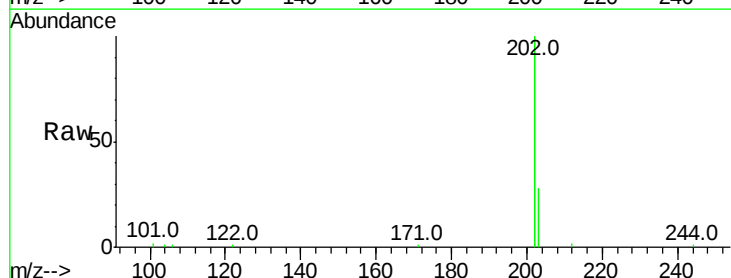
Tgt Ion:202 Resp: 23016

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

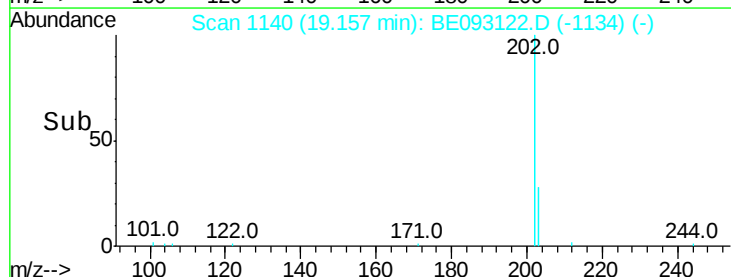
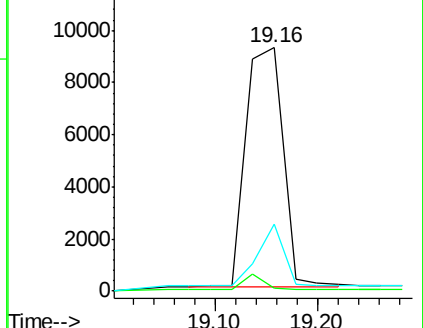
203 18.6 14.4 21.6

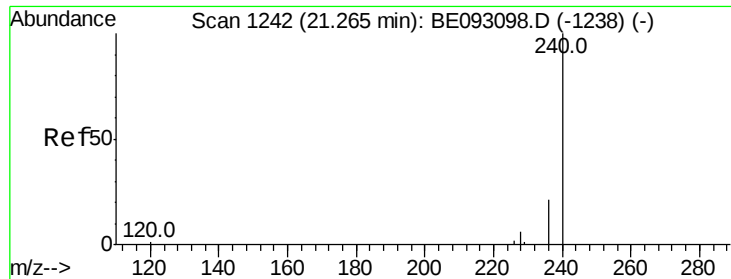


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

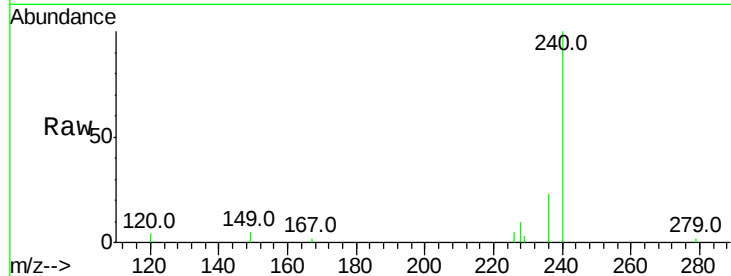




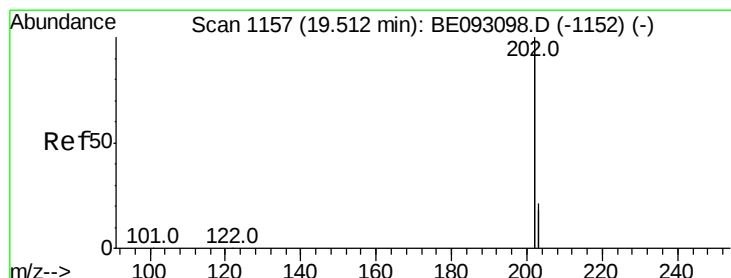
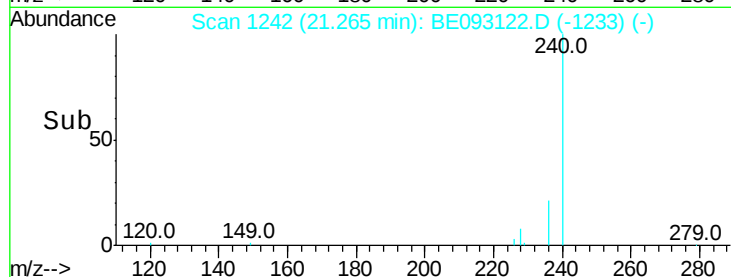
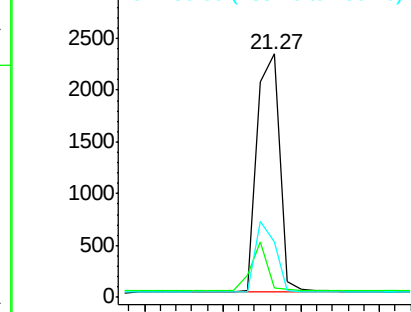
#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.27 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 4711
 Ion Ratio Lower Upper
 240 100
 120 4.0 4.6 7.0#
 236 22.9 20.8 31.2

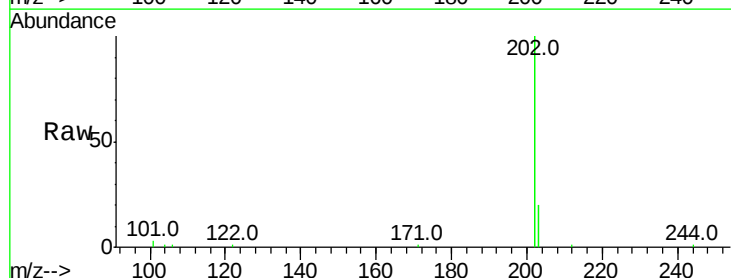


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

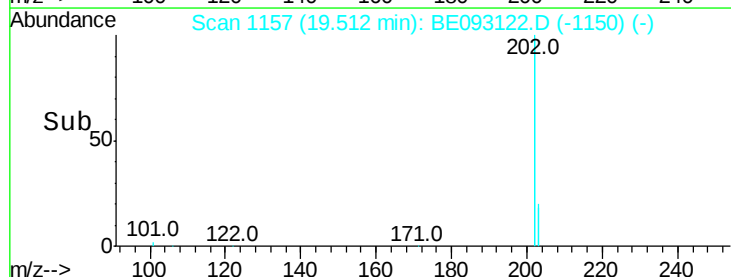
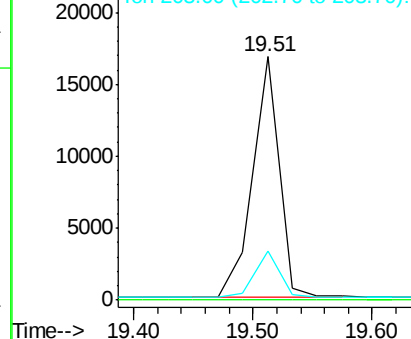


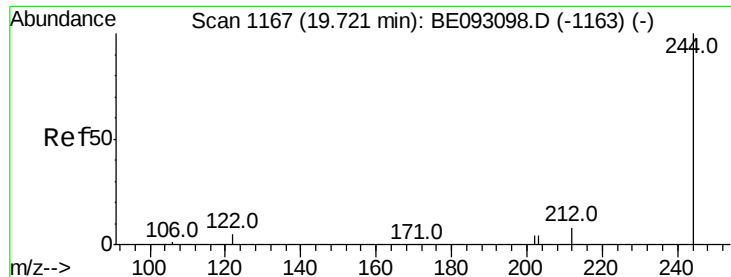
#28
 Pyrene
 Concen: 0.45 ng
 RT: 19.51 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Tgt Ion:202 Resp: 25976
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 17.9 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: 0.45 ng

RT: 19.72 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

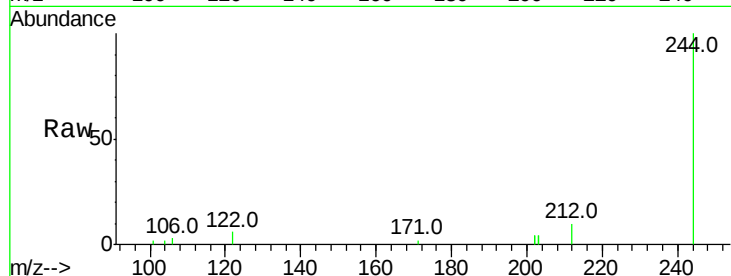
Tot Ion:244 Resp: 4084

Ion Ratio Lower Upper

244 100

212 9.8 10.6 16.0#

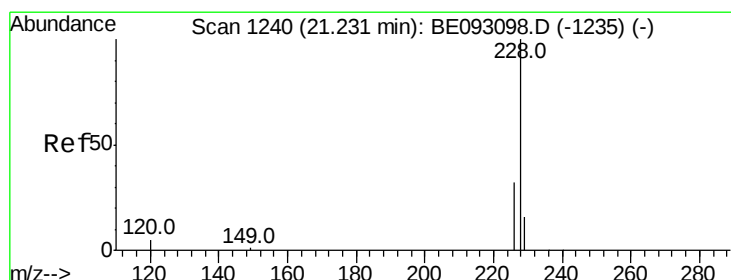
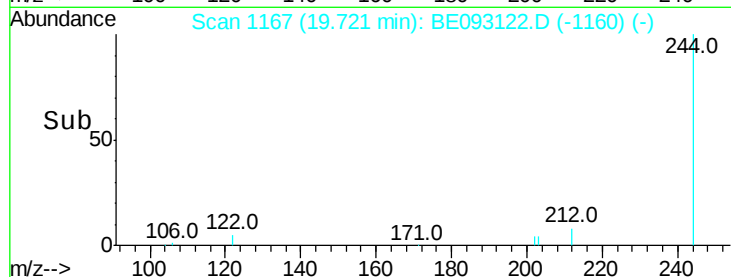
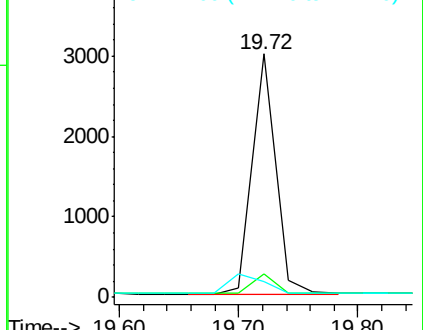
122 6.3 15.4 23.0#



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: 0.45 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

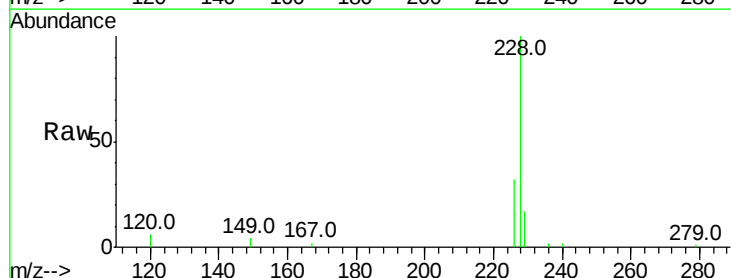
Tgt Ion:228 Resp: 5700

Ion Ratio Lower Upper

228 100

226 32.5 19.7 29.5#

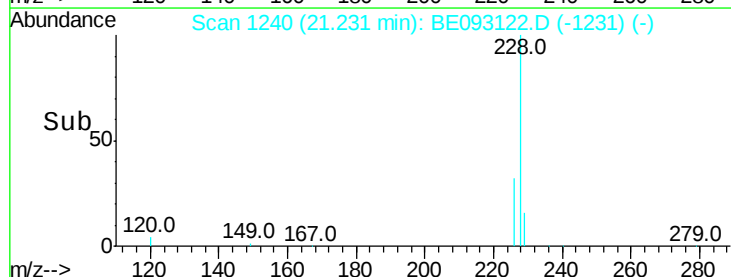
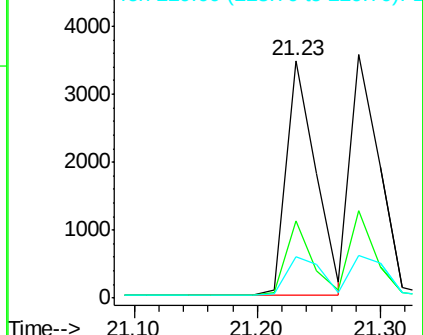
229 17.3 19.2 28.8#

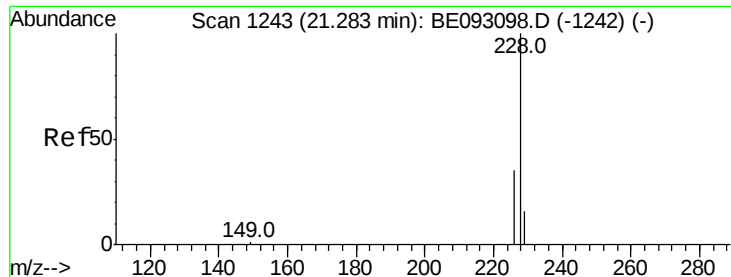


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.43 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampled :

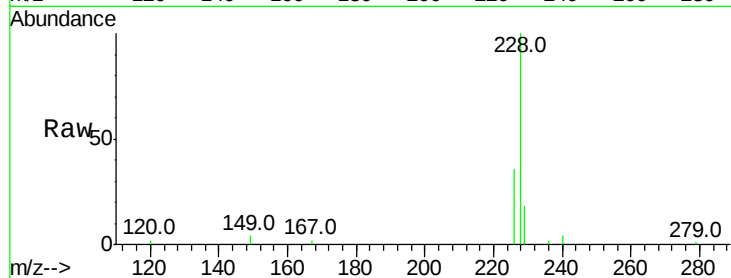
Tot Ion:228 Resp: 5817

Ion Ratio Lower Upper

228 100

226 35.8 21.5 32.3#

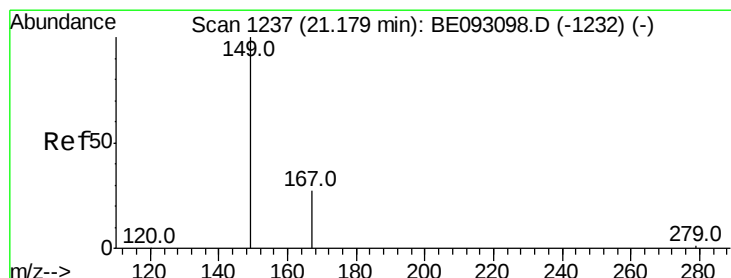
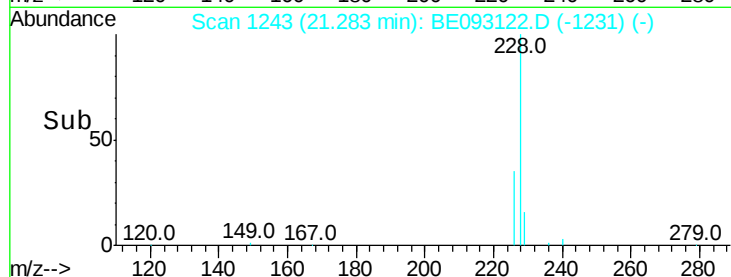
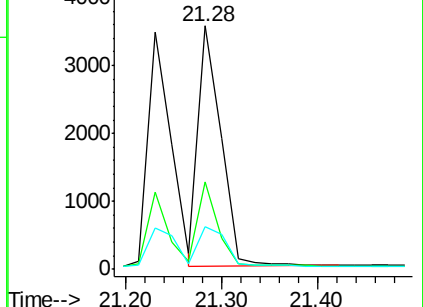
229 17.6 18.6 28.0#



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: 0.58 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

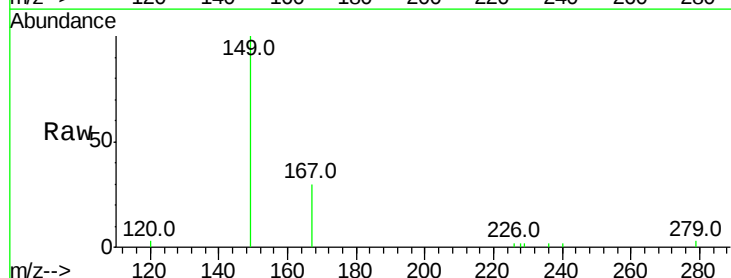
Tgt Ion:149 Resp: 3032

Ion Ratio Lower Upper

149 100

167 26.6 20.1 30.1

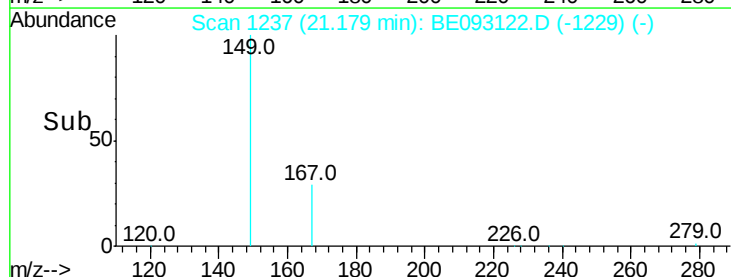
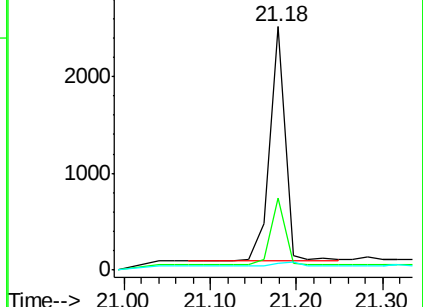
279 2.5 2.2 3.4

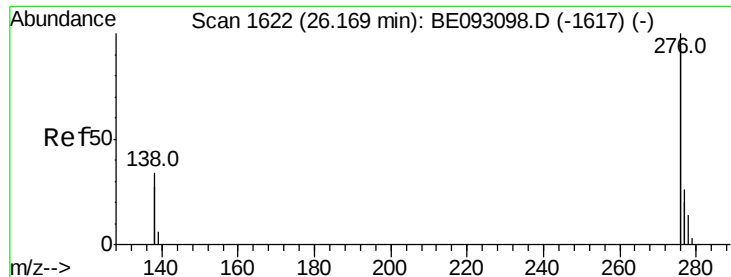


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.42 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

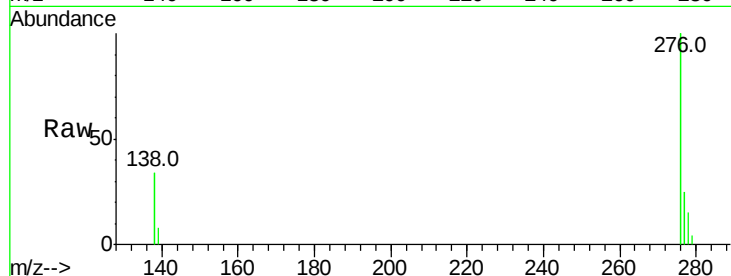
Tot Ion:276 Resp: 21060

Ion Ratio Lower Upper

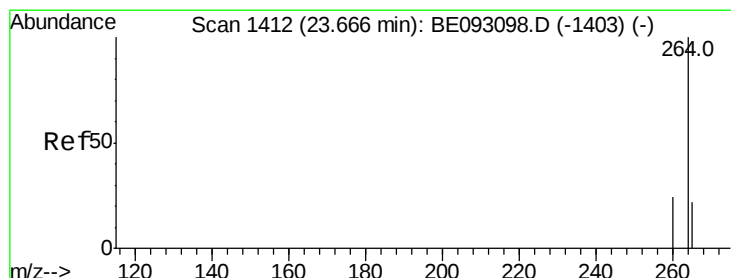
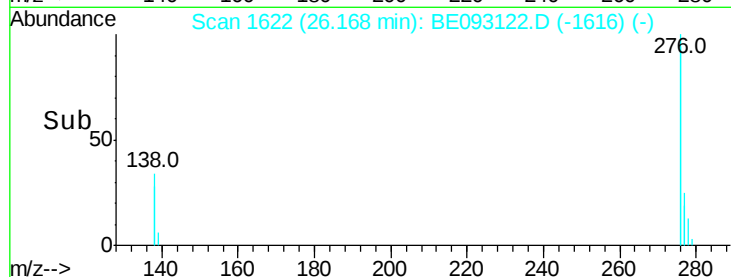
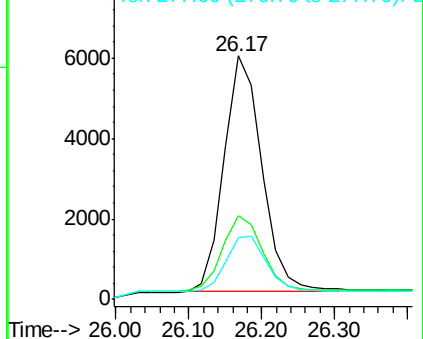
276 100

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: 0.40 ng

RT: 23.67 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

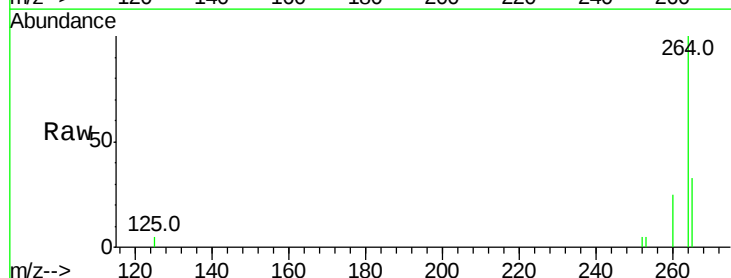
Tgt Ion:264 Resp: 3868

Ion Ratio Lower Upper

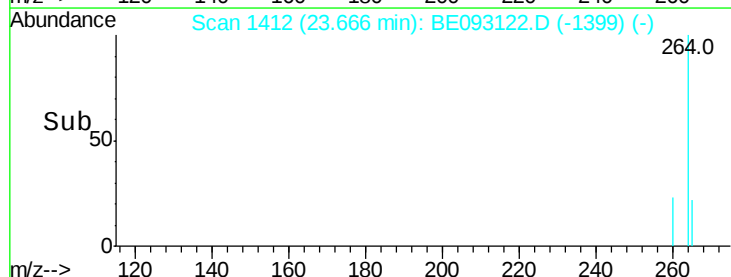
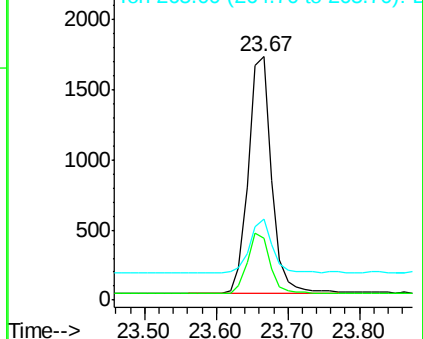
264 100

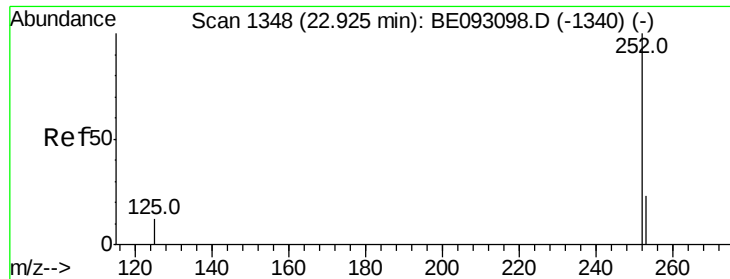
260 25.3 21.0 31.4

265 33.1 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: 0.45 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

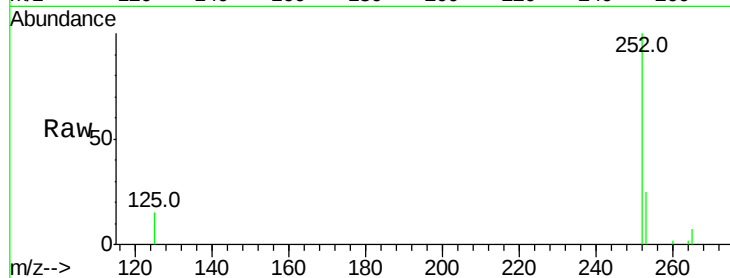
Tot Ion:252 Resp: 5611

Ion Ratio Lower Upper

252 100

253 24.7 18.5 27.7

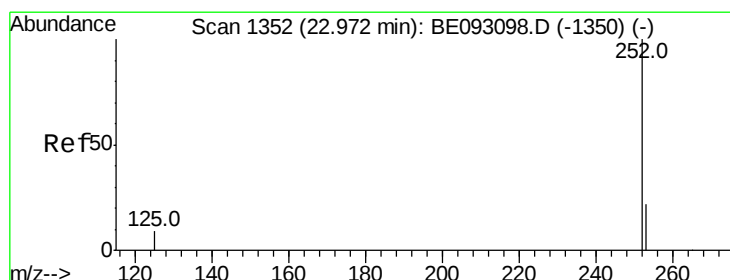
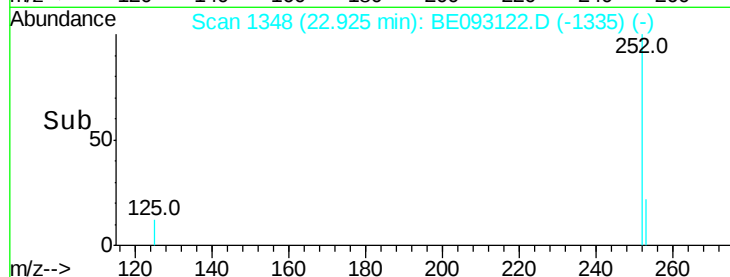
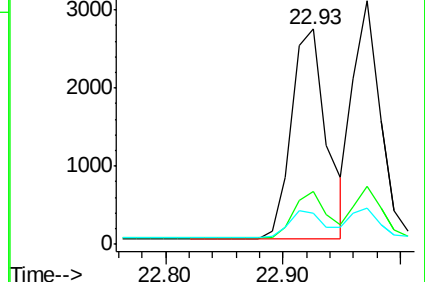
125 14.5 13.4 20.0



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: 0.41 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

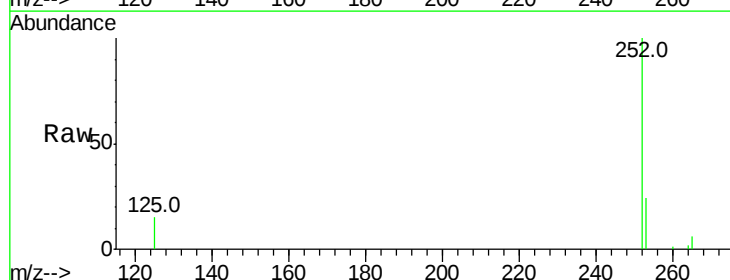
Tgt Ion:252 Resp: 4962

Ion Ratio Lower Upper

252 100

253 24.0 20.3 30.5

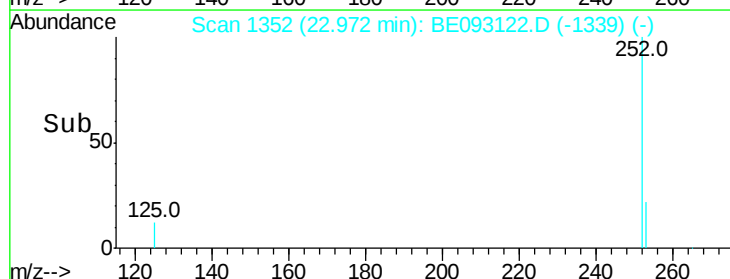
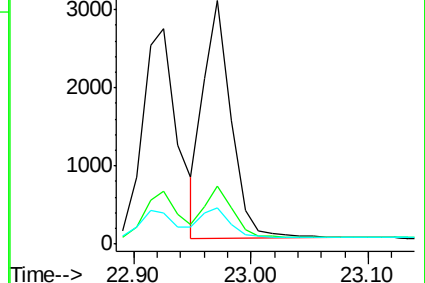
125 14.7 12.2 18.4

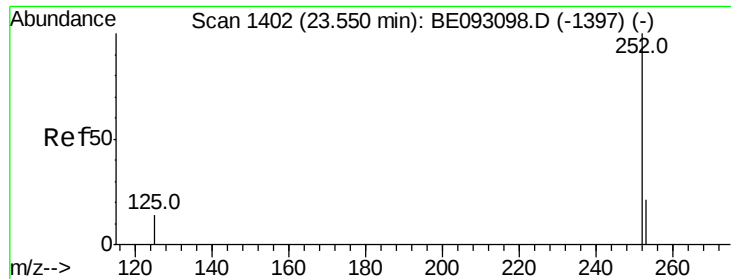


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.44 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

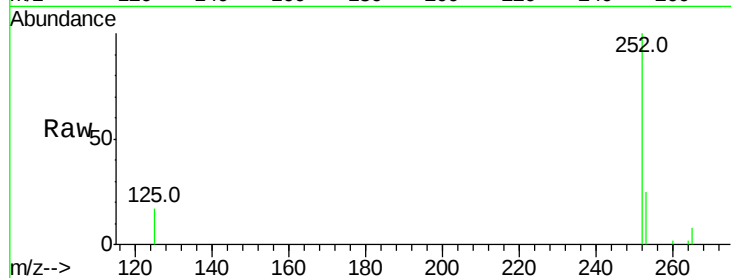
Tot Ion:252 Resp: 4744

Ion Ratio Lower Upper

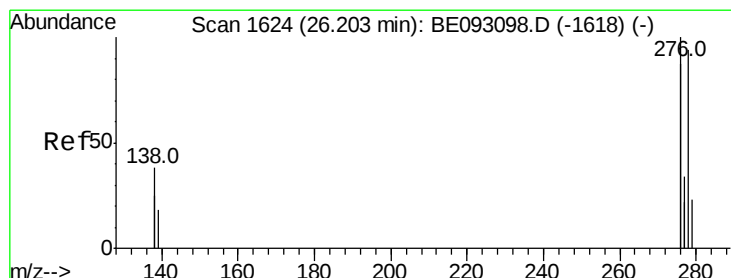
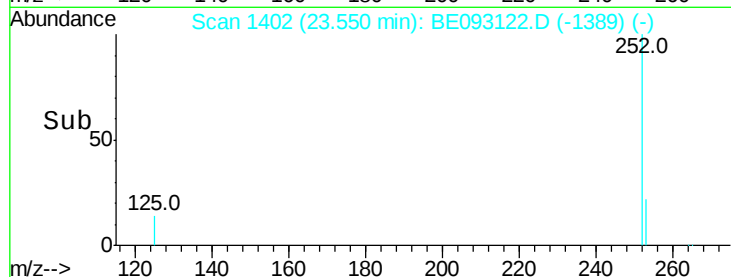
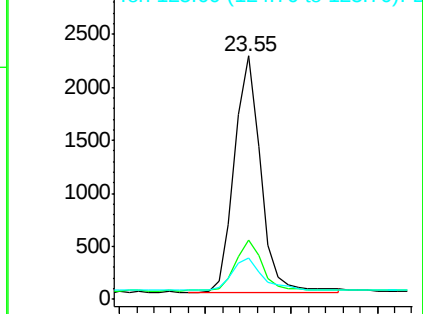
252 100

253 24.5 19.9 29.9

125 17.1 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: 0.42 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

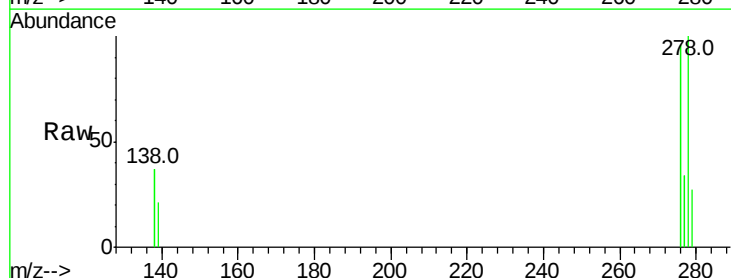
Tgt Ion:278 Resp: 4741

Ion Ratio Lower Upper

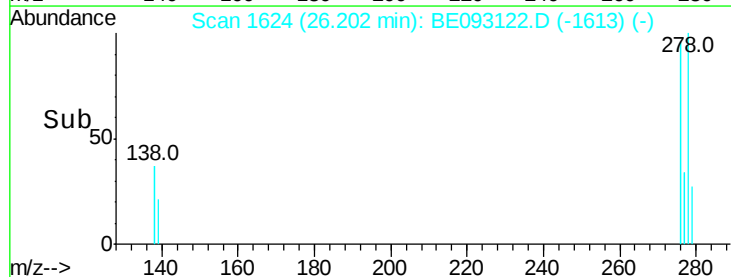
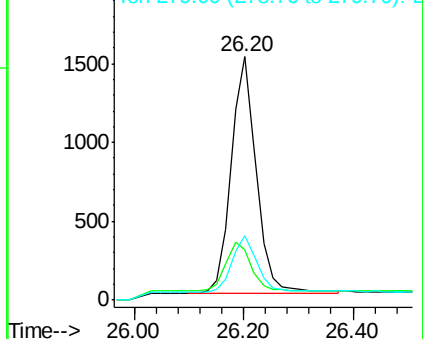
278 100

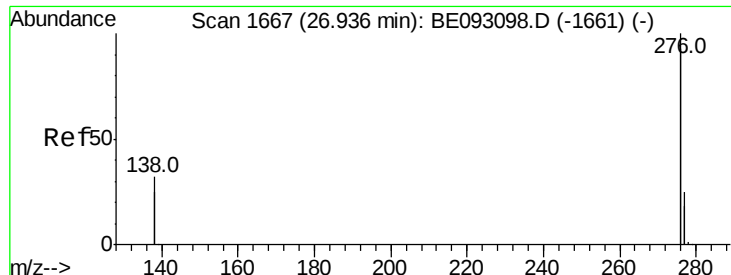
139 20.9 21.4 32.0#

279 26.6 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: 0.43 ng

RT: 26.93 min Scan# 1667

Delta R.T. -0.00 min

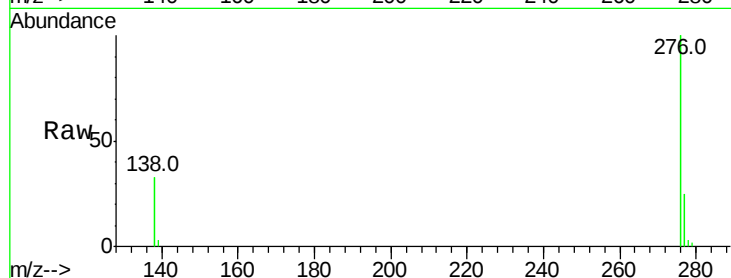
Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 19332

Ion Ratio Lower Upper

276 100

277 24.9 21.2 31.8

138 32.7 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

