

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093108.D
 Acq On : 12 Jun 2017 19:05
 Operator : SJ/MA
 Sample : PB99586BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 01:11:19 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	622	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2578	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1114	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2106	0.40	ng	0.00
27) Chrysene-d12	21.25	240	2474	0.40	ng	-0.02
34) Perylene-d12	23.67	264	1911	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	504	0.27	ng	0.00
5) Phenol-d6	6.90	99	668	0.25	ng	0.00
8) Nitrobenzene-d5	8.88	82	560	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	975	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	58	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	1375	0.29	ng	0.00
25) Fluoranthene-d10	19.12	212	1620	0.23	ng	0.00
29) Terphenyl-d14	19.72	244	1449	0.30	ng	0.00

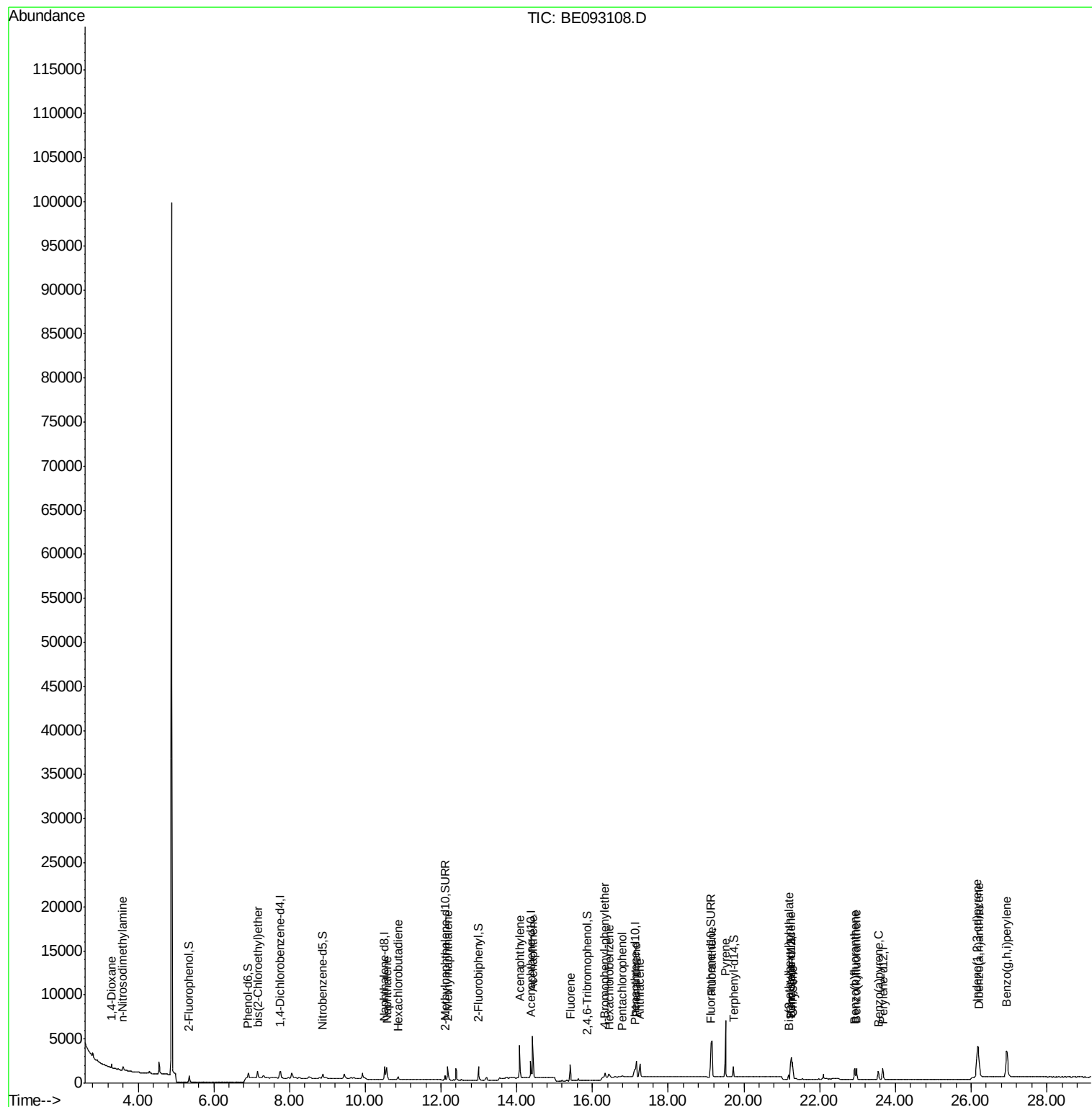
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	278	0.20	ng	# 55
3) n-Nitrosodimethylamine	3.59	42	308	0.26	ng	# 95
6) bis(2-Chloroethyl)ether	7.15	93	633	0.27	ng	# 97
9) Naphthalene	10.56	128	1885	0.27	ng	97
10) Hexachlorobutadiene	10.87	225	261	0.28	ng	99
12) 2-Methylnaphthalene	12.18	142	1140	0.27	ng	99
16) Acenaphthylene	14.08	152	5031	0.26	ng	99
17) Acenaphthene	14.42	154	998	0.28	ng	95
18) Fluorene	15.41	166	1130	0.26	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	323	0.25	ng	# 86
21) Hexachlorobenzene	16.44	284	333	0.30	ng	# 100
22) Pentachlorophenol	16.79	266	164	0.45	ng	91
23) Phenanthrene	17.16	178	2415	0.25	ng	99
24) Anthracene	17.25	178	1996	0.25	ng	99
26) Fluoranthene	19.16	202	8103	0.23	ng	# 99
28) Pyrene	19.51	202	8525	0.28	ng	# 95
30) Benzo(a)anthracene	21.23	228	1821	0.27	ng	# 87
31) Chrysene	21.28	228	2005	0.28	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.18	149	490	0.16	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.17	276	8111	0.30	ng	99
35) Benzo(b)fluoranthene	22.93	252	1914	0.31	ng	94
36) Benzo(k)fluoranthene	22.97	252	1684	0.28	ng	96
37) Benzo(a)pyrene	23.55	252	1550	0.29	ng	93
38) Dibenzo(a,h)anthracene	26.20	278	1783	0.32	ng	98
39) Benzo(g,h,i)perylene	26.93	276	7543	0.34	ng	93

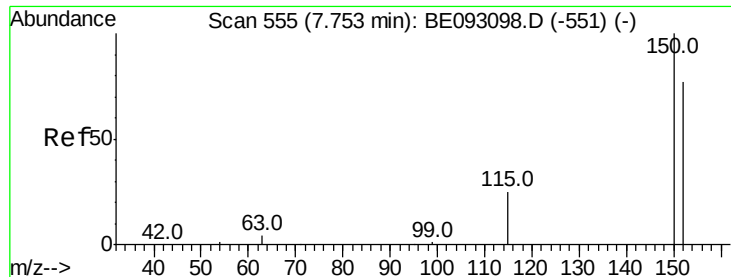
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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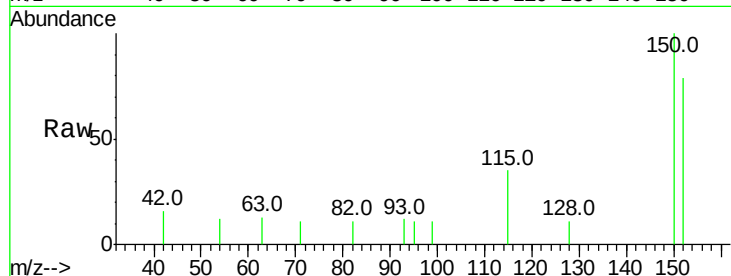


#1

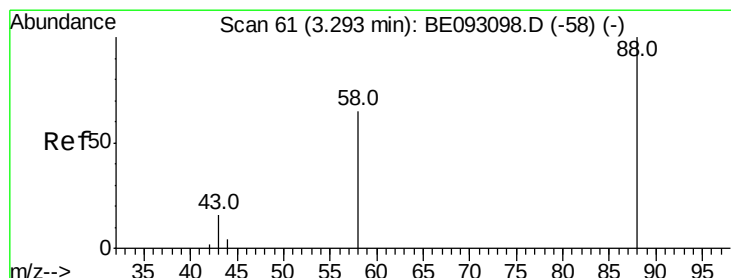
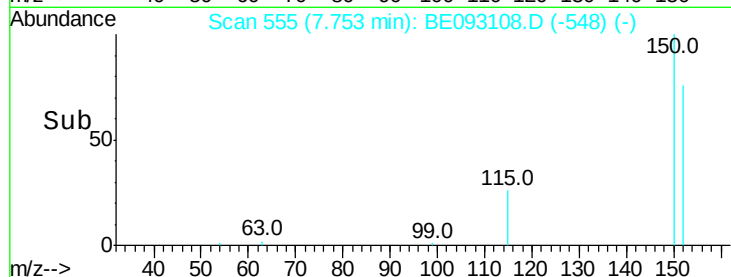
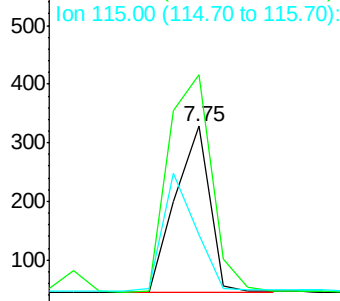
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 622
Ion Ratio Lower Upper
152 100
150 126.8 125.1 187.7
115 43.9 55.7 83.5#



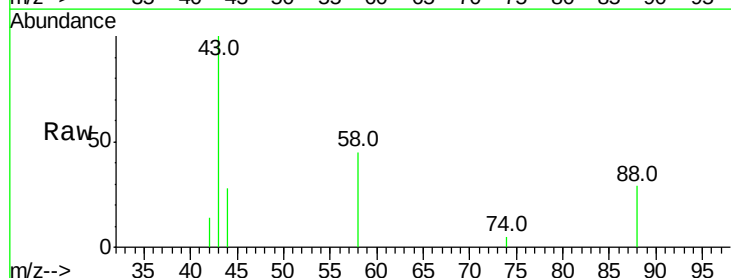
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



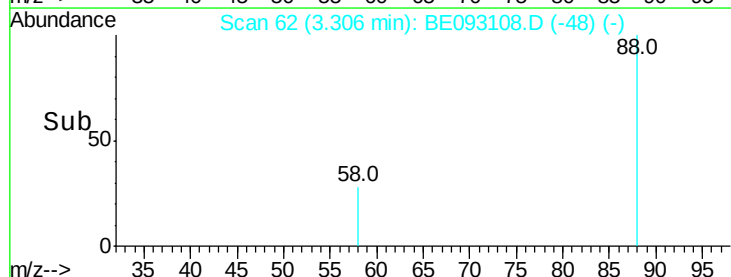
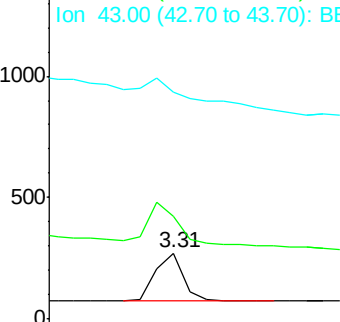
#2

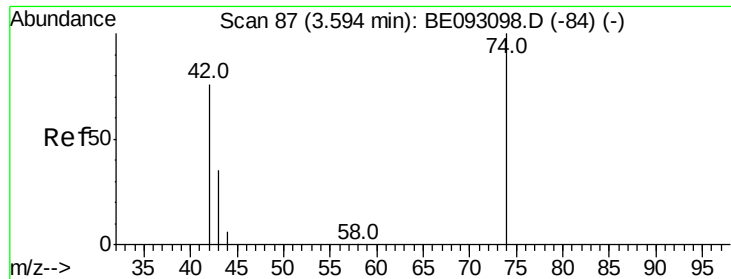
1,4-Dioxane
Concen: 0.20 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.01 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
58 113.3 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



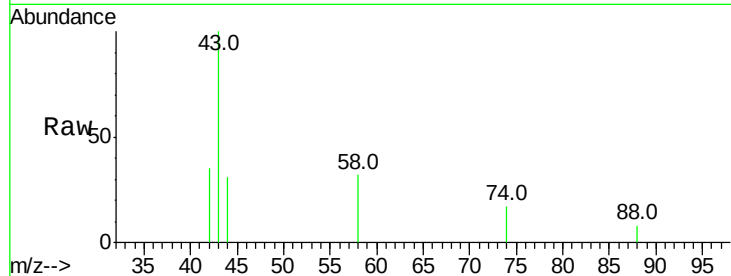


#3

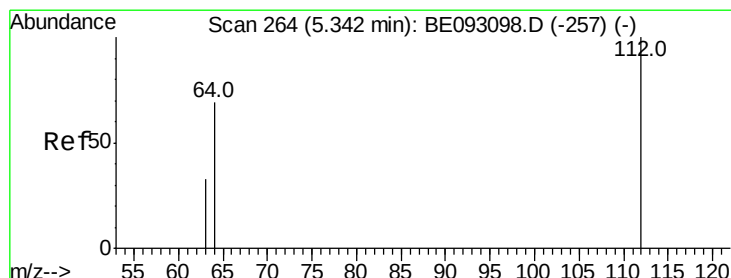
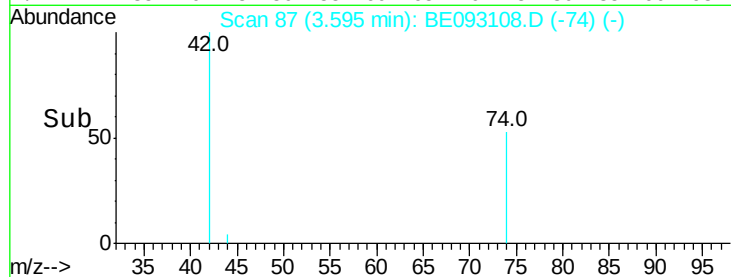
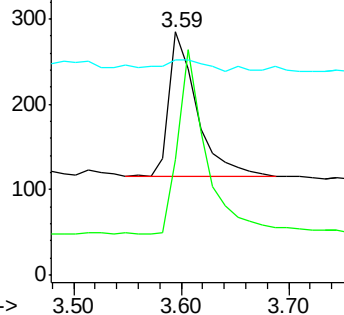
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 308
Ion Ratio Lower Upper
42 100
74 129.2 99.1 148.7
44 12.7 7.4 11.2#



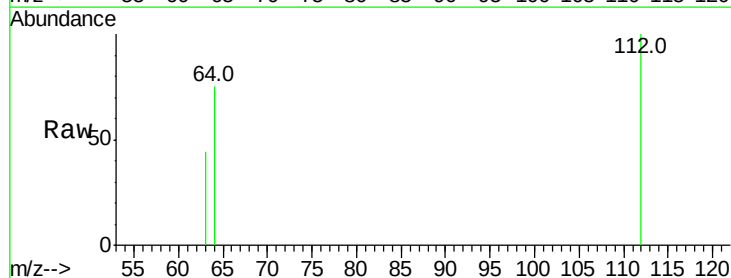
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



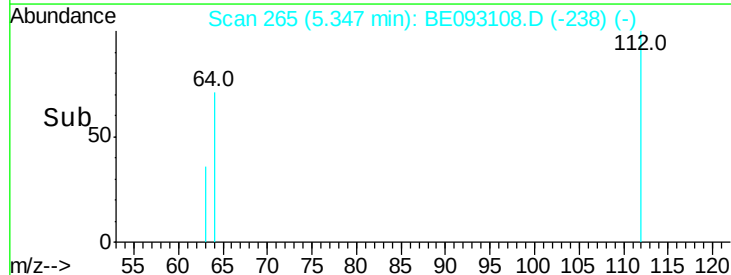
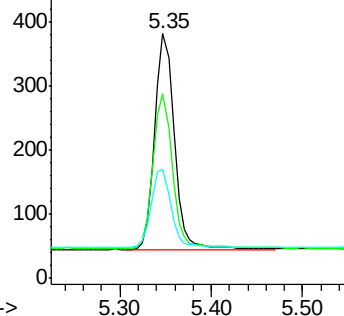
#4

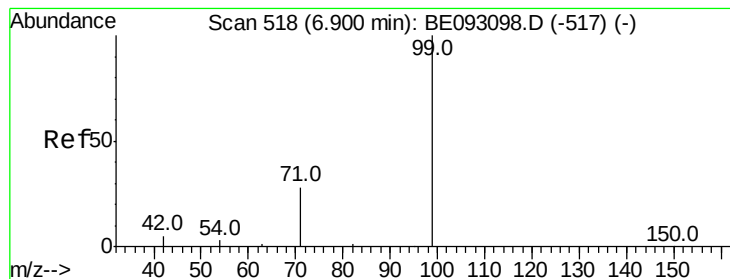
2-Fluorophenol
Concen: 0.27 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.01 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Tgt Ion: 112 Resp: 504
Ion Ratio Lower Upper
112 100
64 69.8 56.4 84.6
63 37.1 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: 0.25 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampled :

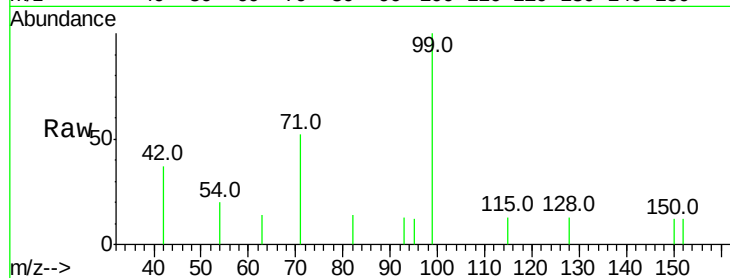
Tot Ion: 99 Resp: 668

Ion Ratio Lower Upper

99 100

42 21.3 0.0 0.0#

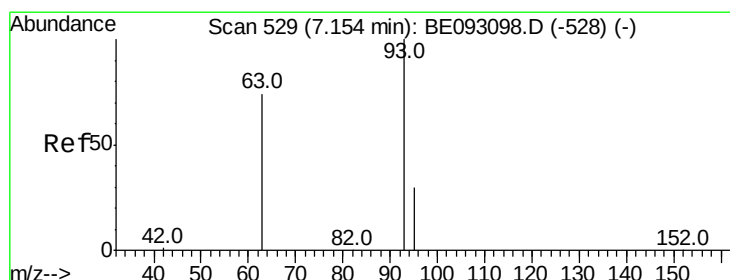
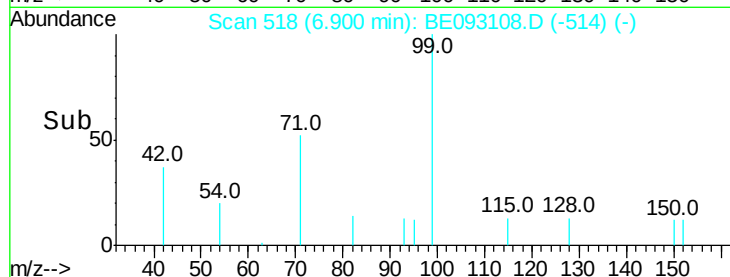
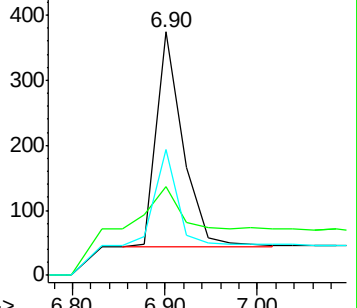
71 37.0 0.0 0.0#



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: 0.27 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

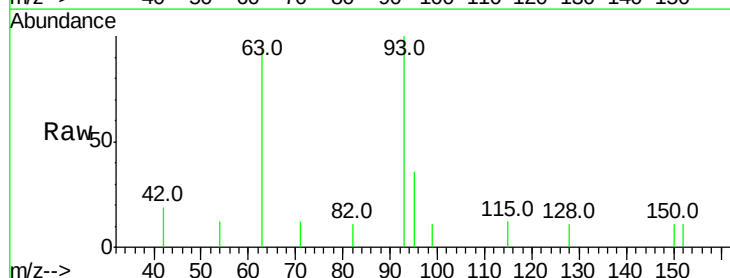
Tgt Ion: 93 Resp: 633

Ion Ratio Lower Upper

93 100

63 89.1 0.0 0.0#

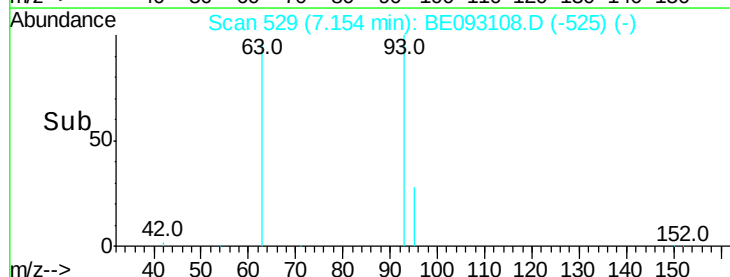
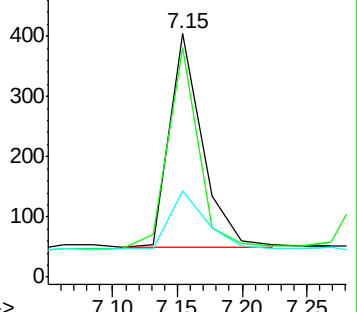
95 29.9 25.4 38.0

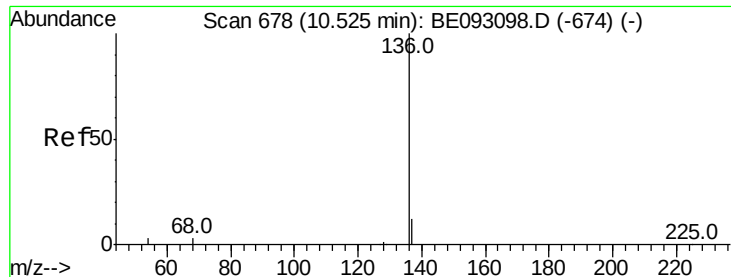


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2578

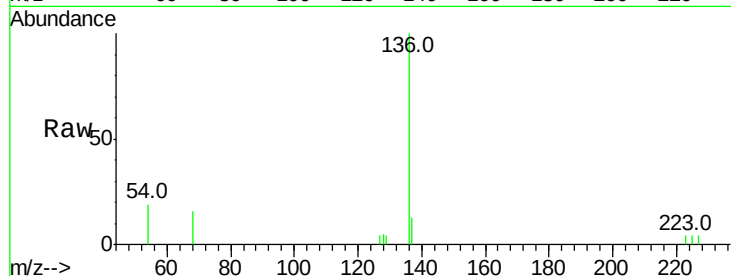
Ion Ratio Lower Upper

136 100

137 13.3 9.8 14.8

54 18.7 10.3 15.5#

68 15.8 9.0 13.4#

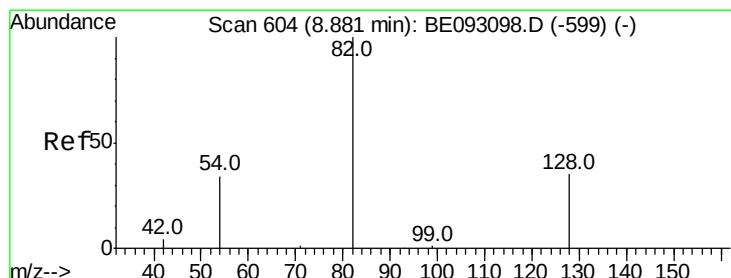
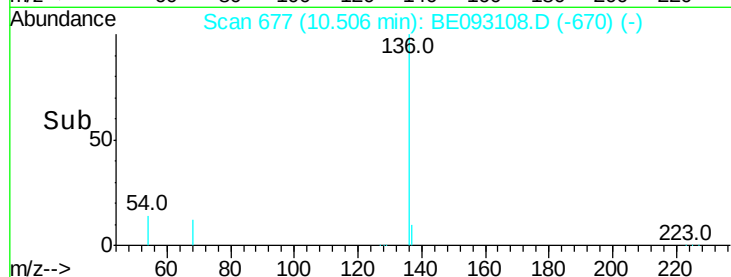
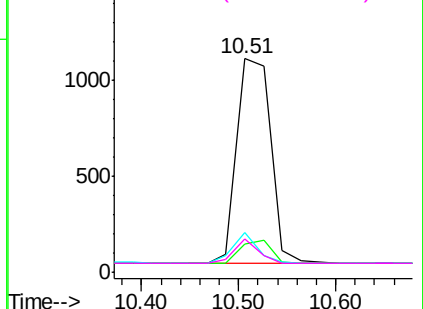


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.27 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

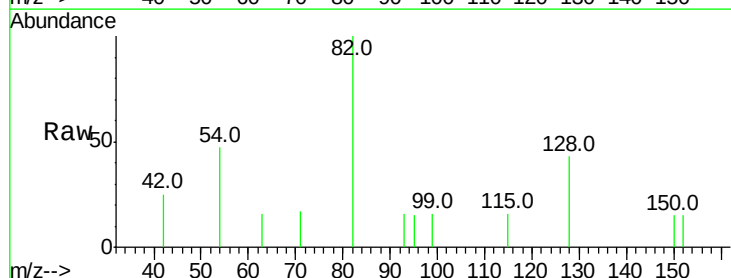
Tgt Ion: 82 Resp: 560

Ion Ratio Lower Upper

82 100

128 43.2 17.0 25.4#

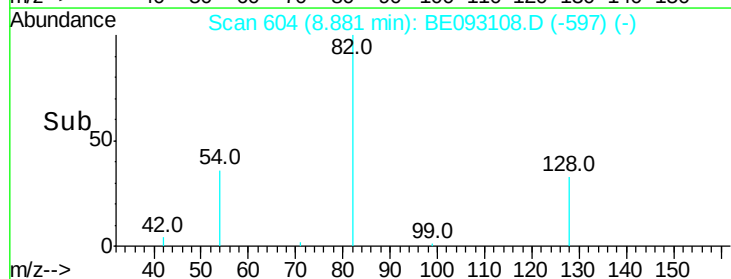
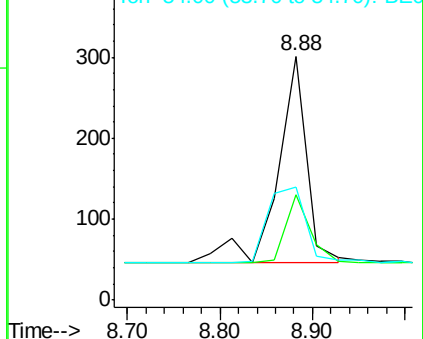
54 46.5 53.8 80.6#

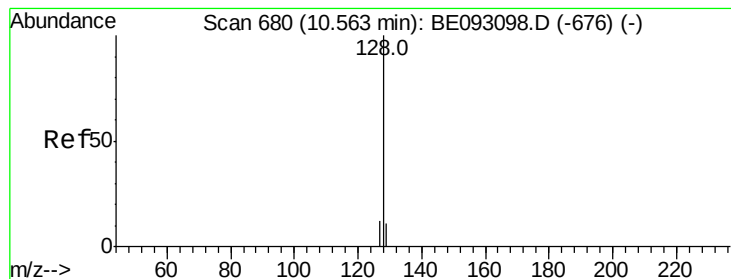


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.27 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampled :

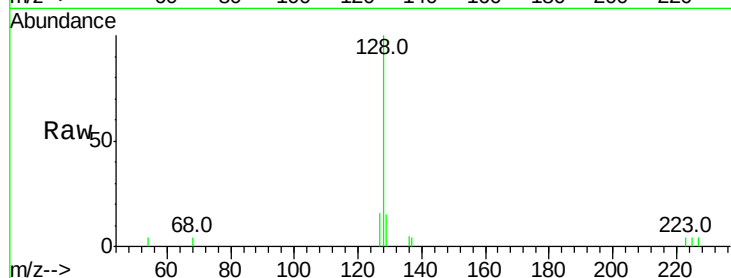
Tot Ion:128 Resp: 1885

Ion Ratio Lower Upper

128 100

129 14.6 11.4 17.0

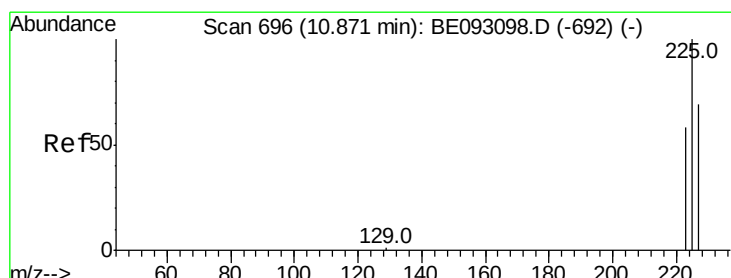
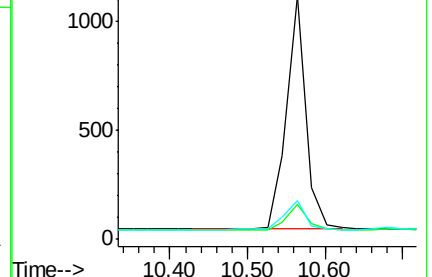
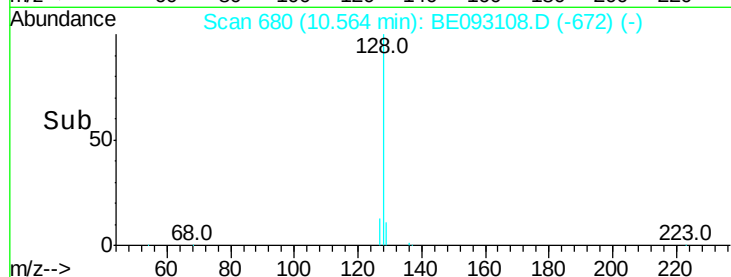
127 16.1 11.2 16.8



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: 0.28 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

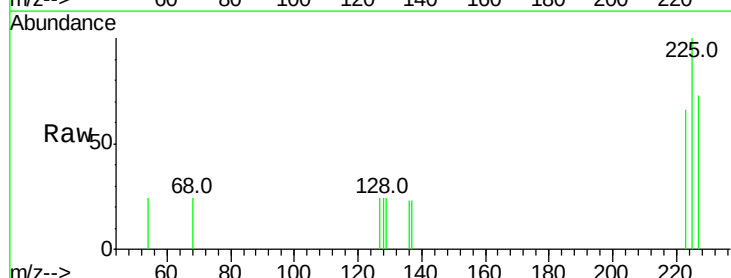
Tgt Ion:225 Resp: 261

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

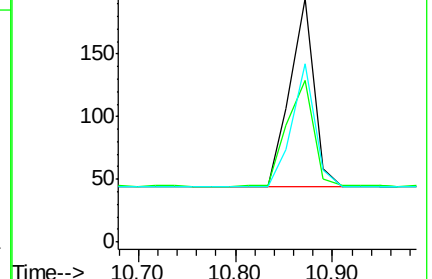
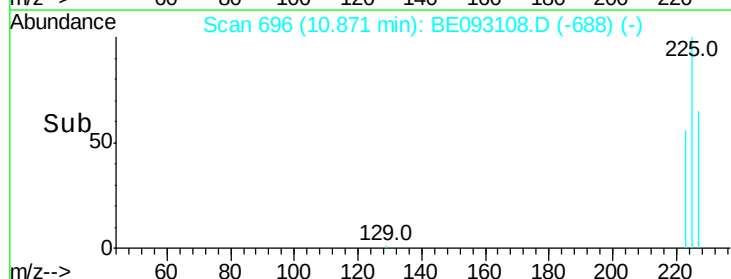
227 62.5 50.3 75.5

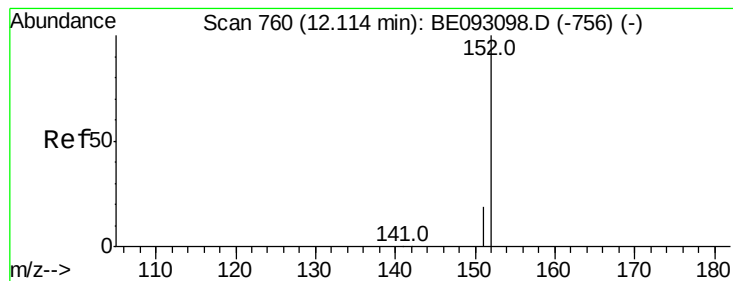


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.12 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

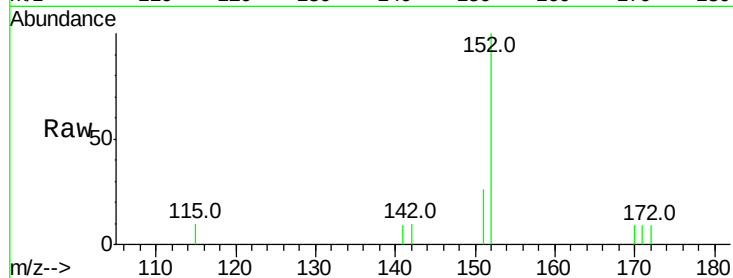
ClientSampled :

Tot Ion:152 Resp: 975

Ion Ratio Lower Upper

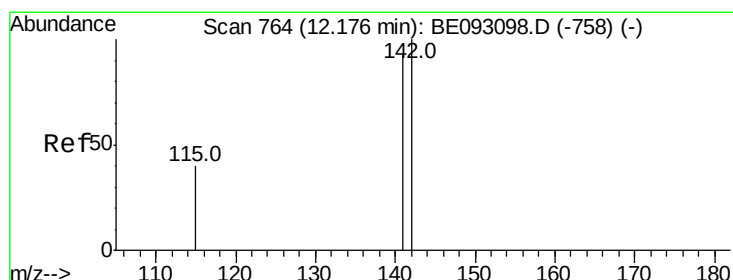
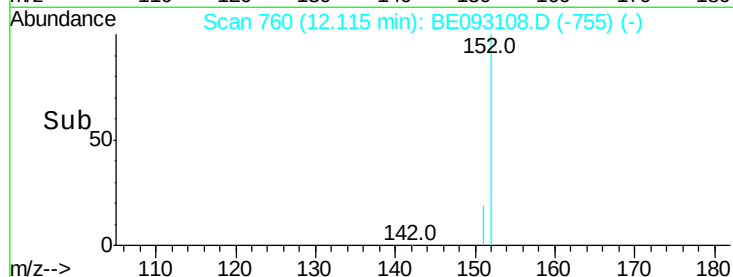
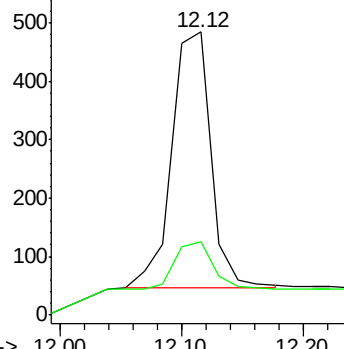
152 100

151 18.4 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: 0.27 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

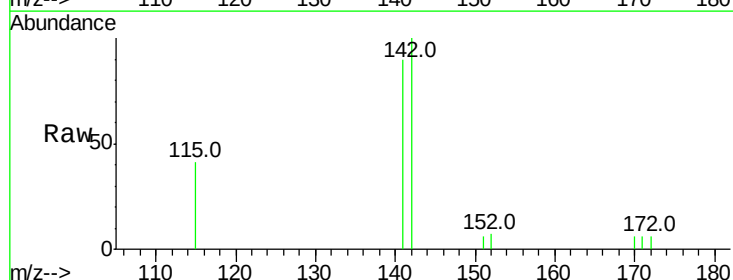
Tgt Ion:142 Resp: 1140

Ion Ratio Lower Upper

142 100

141 90.3 72.6 108.8

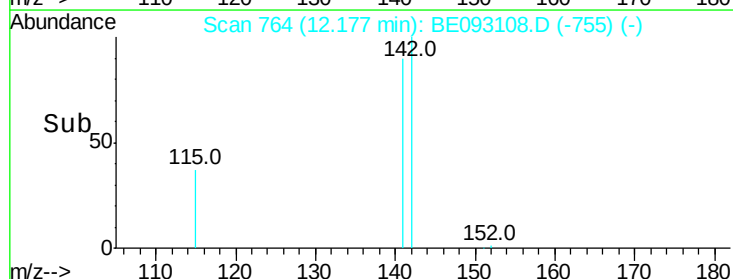
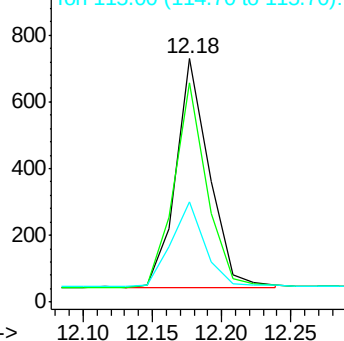
115 41.4 32.2 48.2

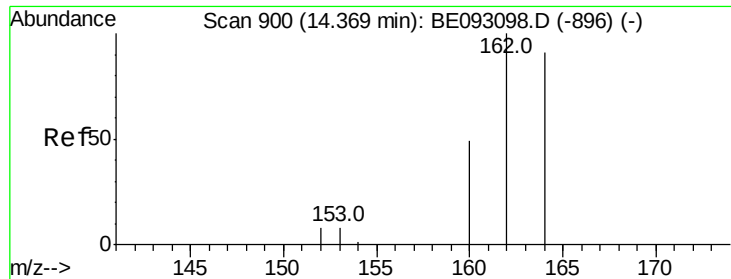


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

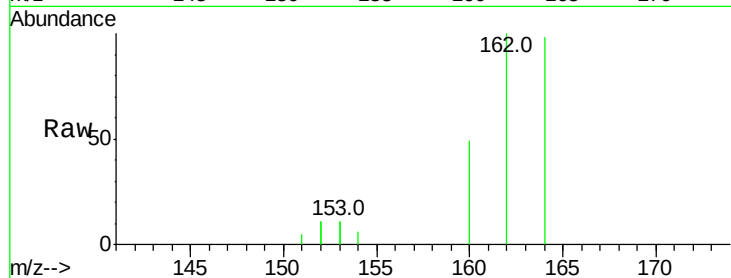
Tot Ion:164 Resp: 1114

Ion Ratio Lower Upper

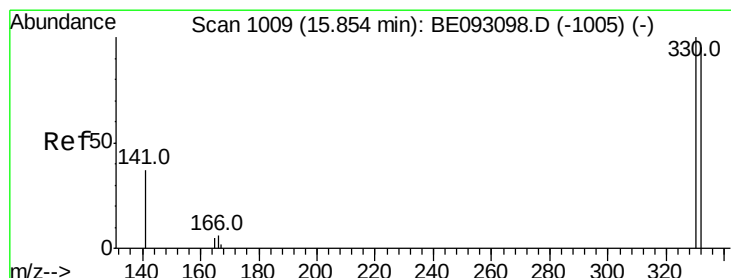
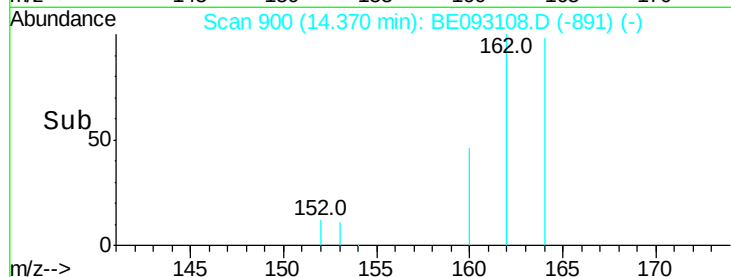
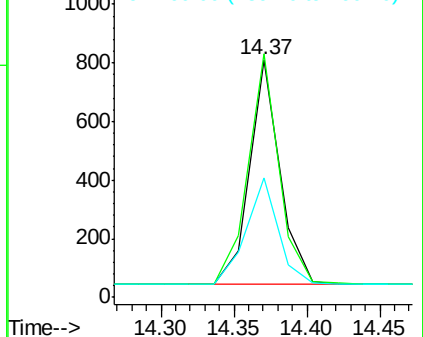
164 100

162 102.5 84.6 127.0

160 50.2 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: 0.23 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

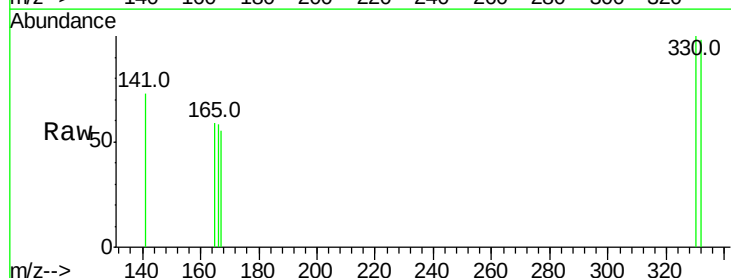
Tgt Ion:330 Resp: 58

Ion Ratio Lower Upper

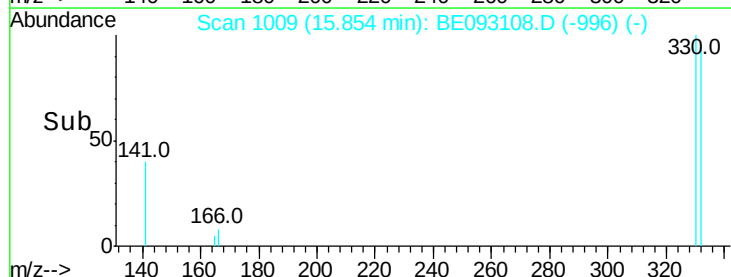
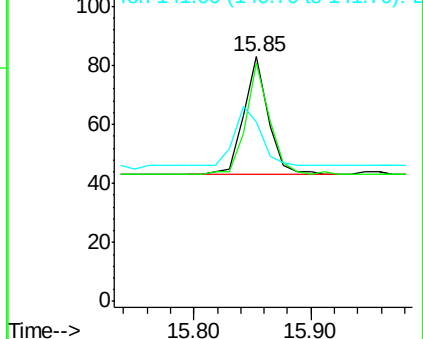
330 100

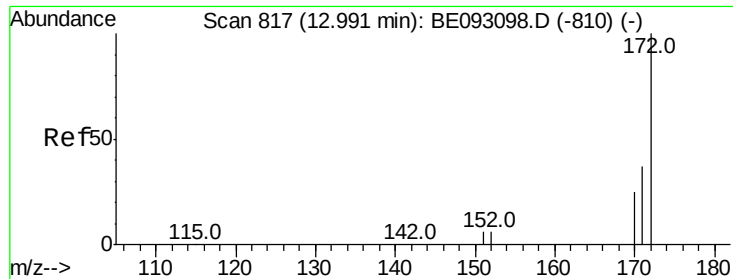
332 93.1 77.7 116.5

141 60.3 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

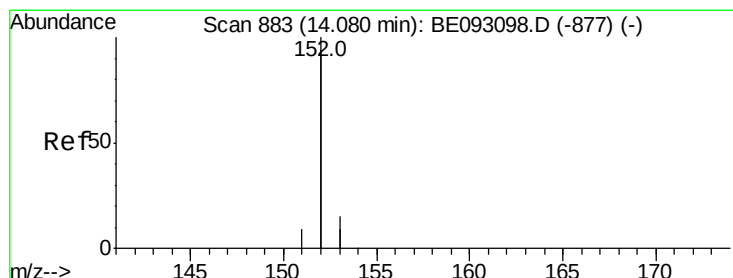
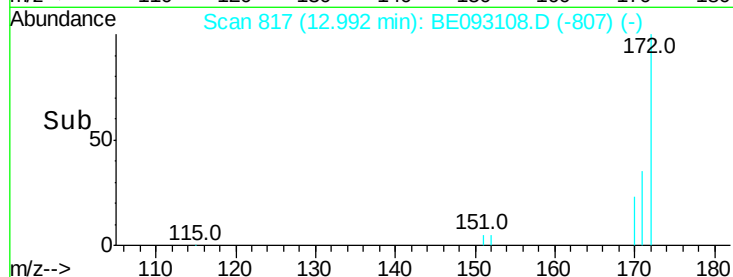
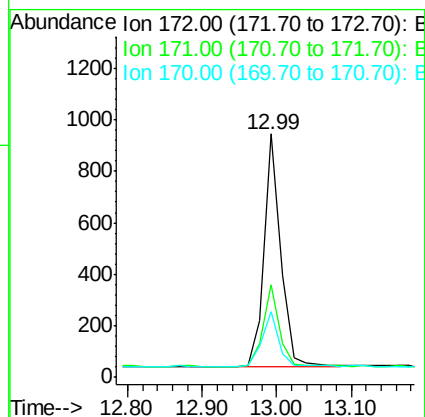
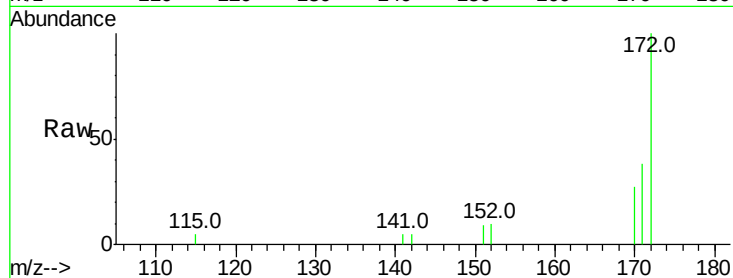




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

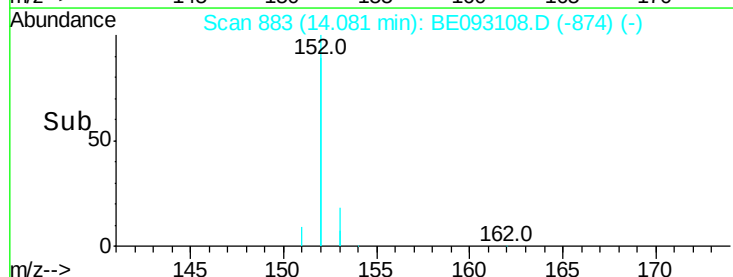
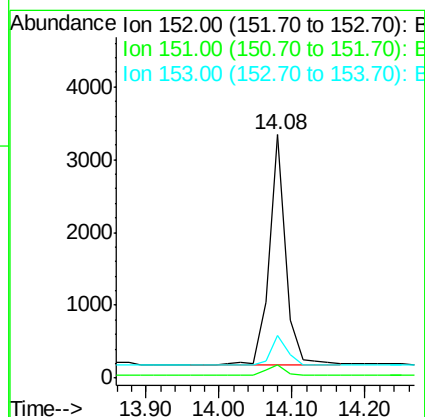
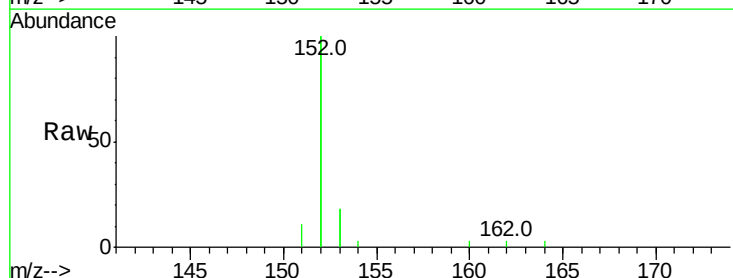
Instrument :
BNA_E
ClientSampleId :

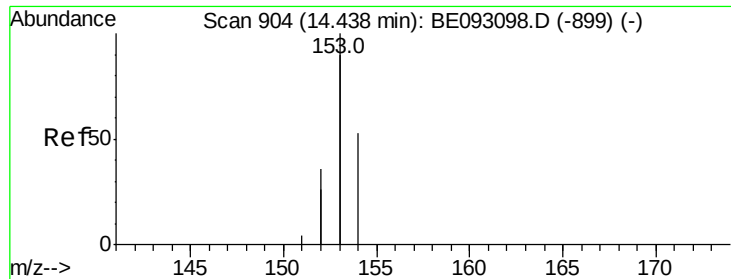
Tot Ion:172 Resp: 1375
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 26.9 20.7 31.1



#16
Acenaphthylene
Concen: 0.26 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Tgt Ion:152 Resp: 5031
Ion Ratio Lower Upper
152 100
151 4.8 4.0 6.0
153 13.6 10.3 15.5





#17

Acenaphthene

Concen: 0.28 ng

RT: 14.42 min Scan# 903

Delta R.T. -0.02 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

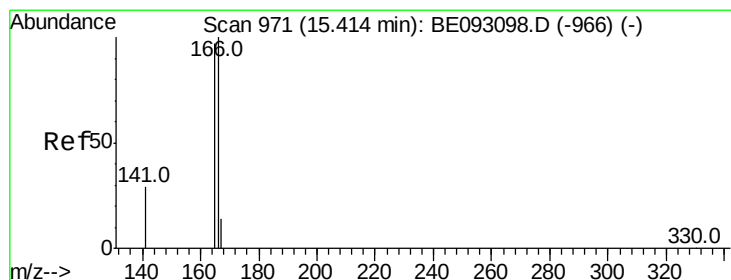
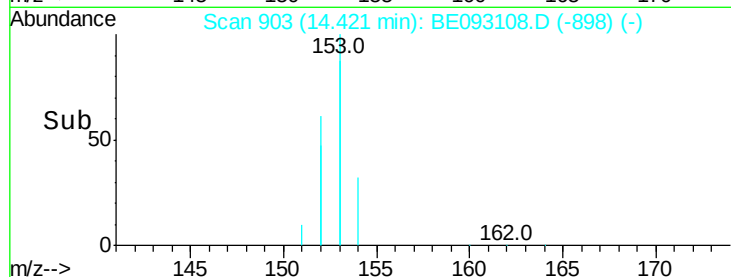
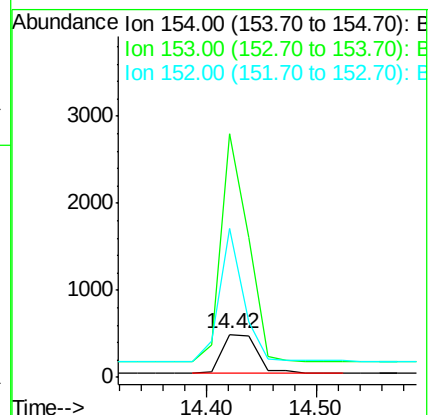
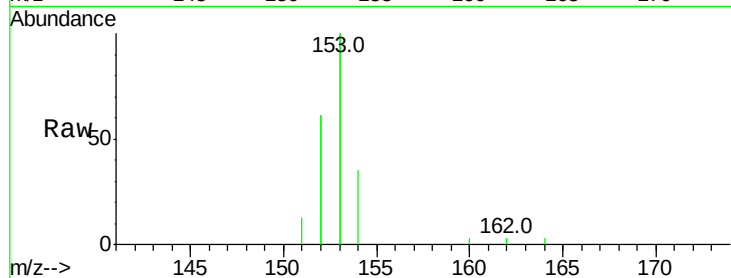
Tot Ion:154 Resp: 998

Ion Ratio Lower Upper

154 100

153 444.3 367.8 551.6

152 230.9 188.2 282.2



#18

Fluorene

Concen: 0.26 ng

RT: 15.41 min Scan# 971

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

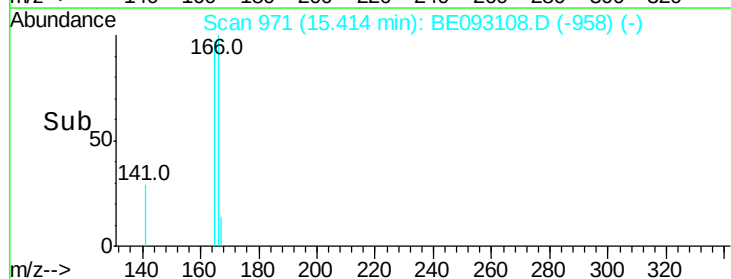
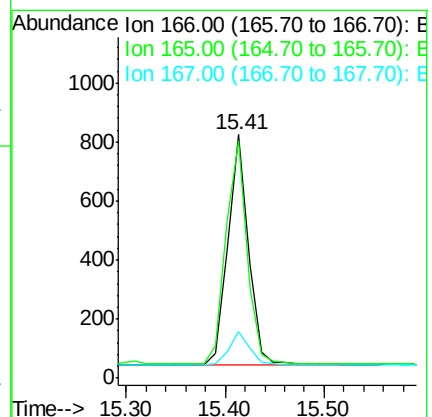
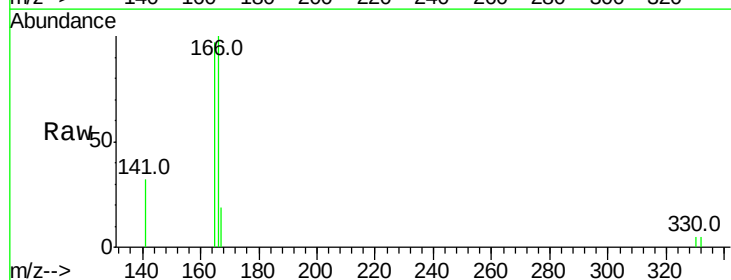
Tgt Ion:166 Resp: 1130

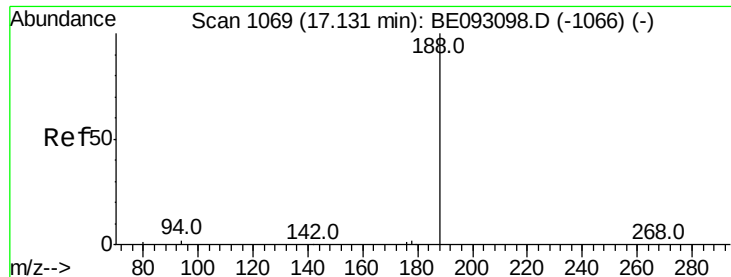
Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

167 14.7 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

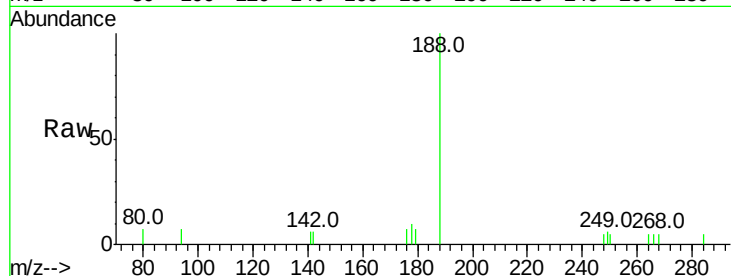
Tot Ion:188 Resp: 2106

Ion Ratio Lower Upper

188 100

94 7.4 11.3 16.9#

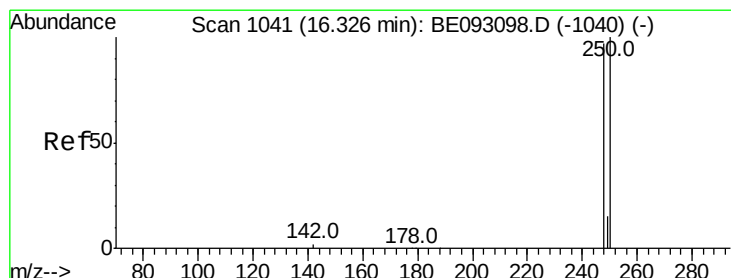
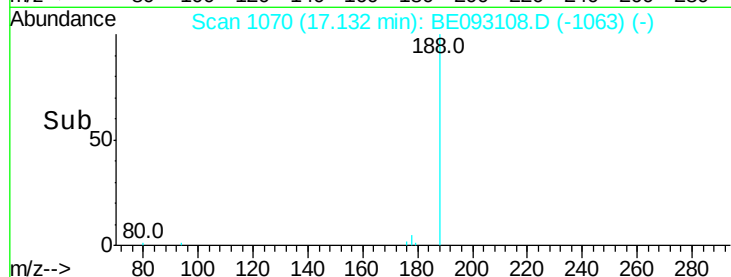
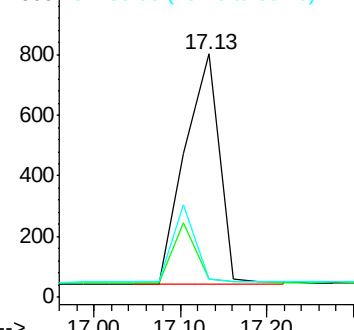
80 7.4 11.7 17.5#



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: 0.25 ng

RT: 16.33 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

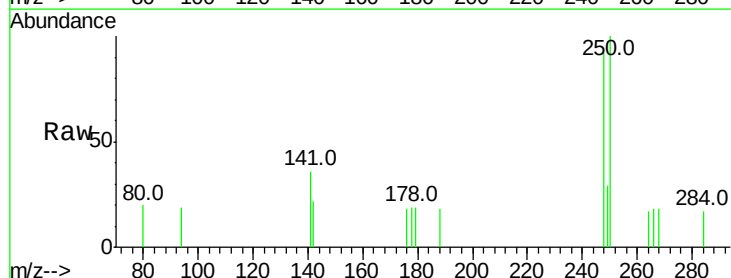
Tgt Ion:248 Resp: 323

Ion Ratio Lower Upper

248 100

250 109.1 100.0 150.0

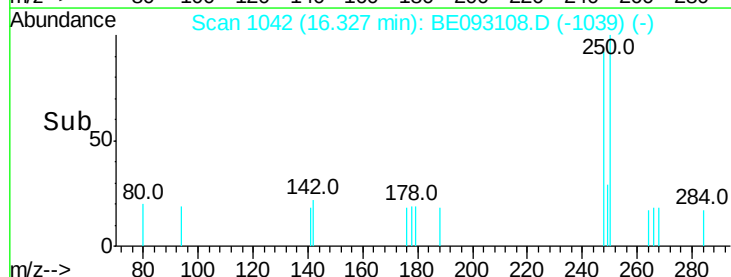
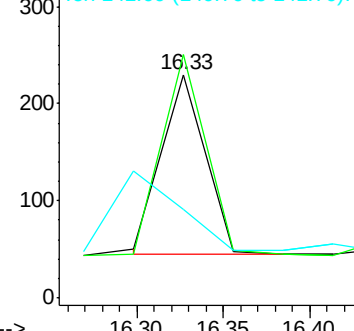
141 39.6 40.0 60.0#

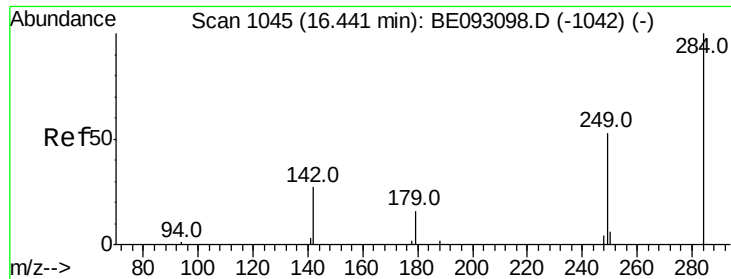


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

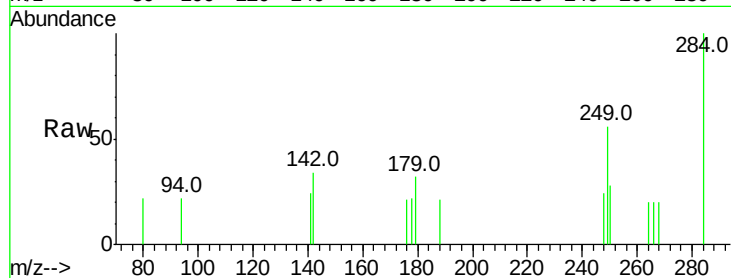




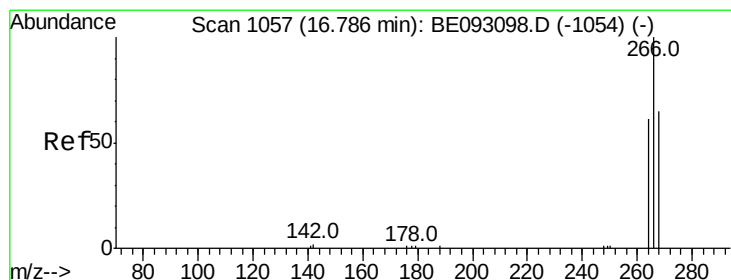
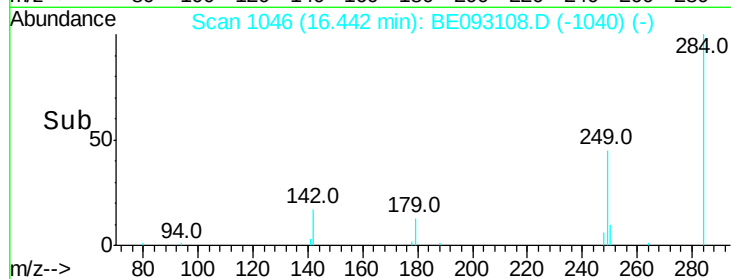
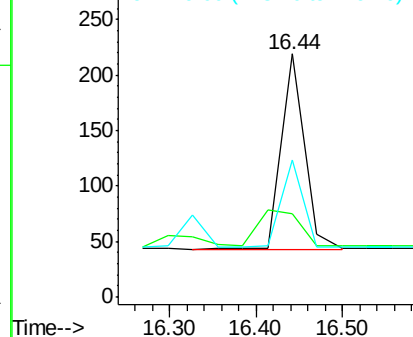
#21
Hexachlorobenzene
Concen: 0.30 ng
RT: 16.44 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 333
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 40.8 0.0 0.0#

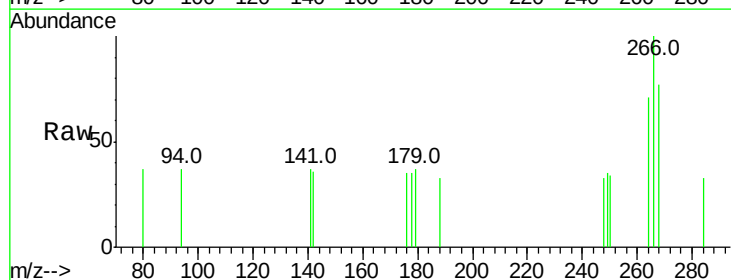


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

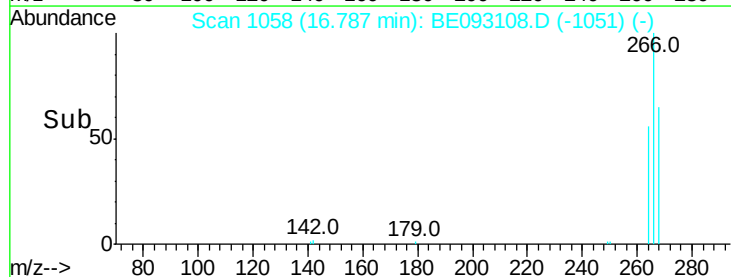
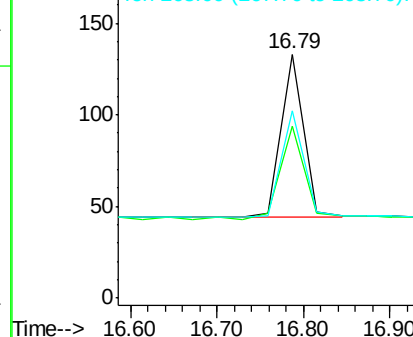


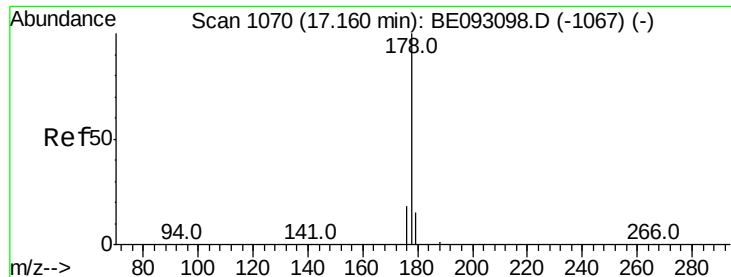
#22
Pentachlorophenol
Concen: 0.45 ng
RT: 16.79 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE093108.D
Acq: 12 Jun 2017 19:05

Tgt Ion:266 Resp: 164
Ion Ratio Lower Upper
266 100
264 70.7 58.2 87.2
268 76.7 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: 0.25 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

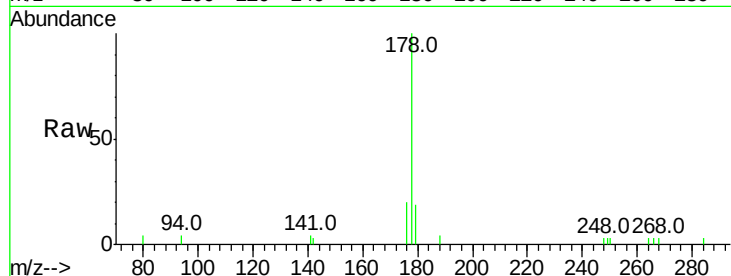
Tot Ion:178 Resp: 2415

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

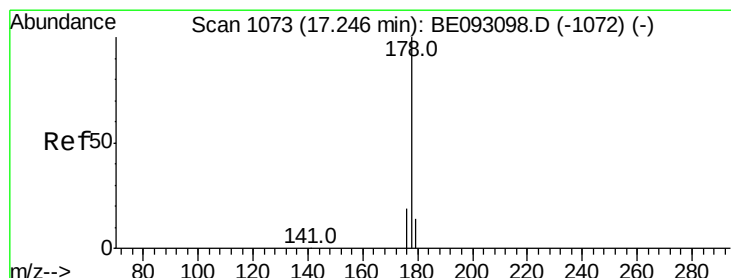
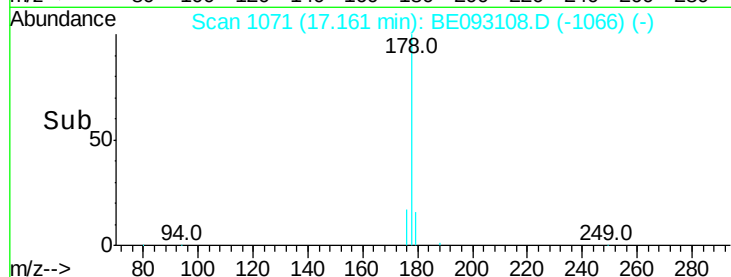
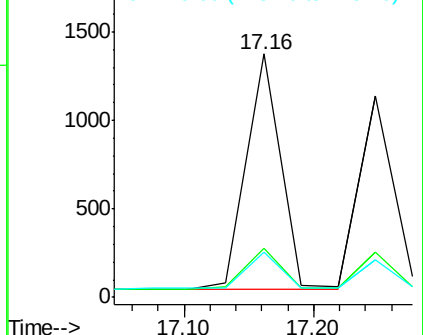
179 15.7 12.7 19.1



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: 0.25 ng

RT: 17.25 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

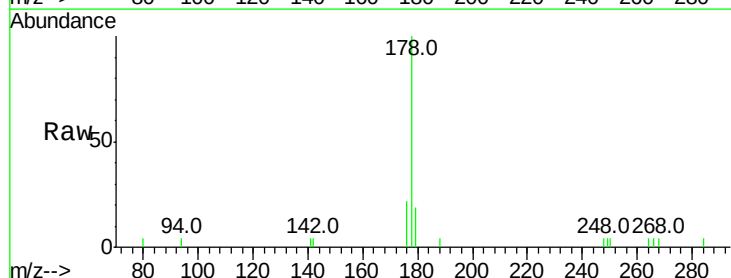
Tgt Ion:178 Resp: 1996

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

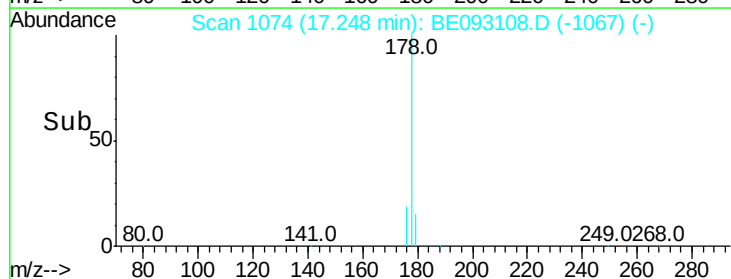
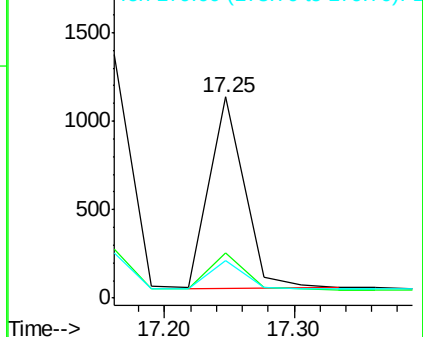
179 14.8 12.0 18.0

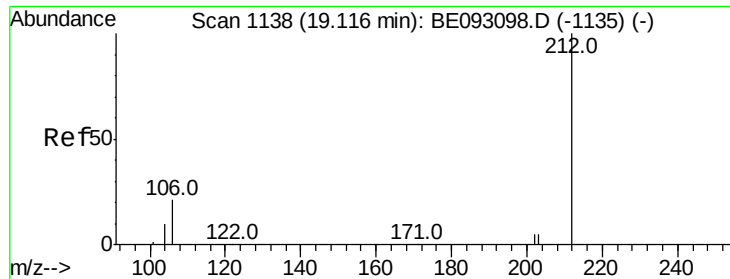


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.23 ng

RT: 19.12 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

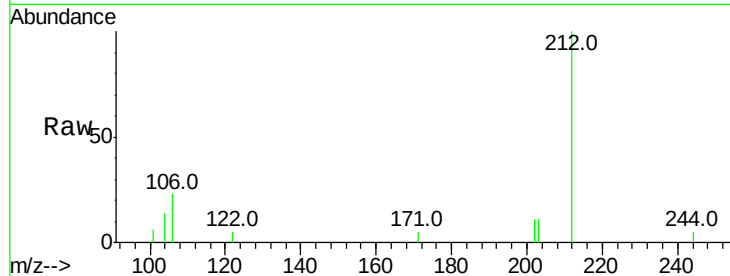
Tot Ion:212 Resp: 1620

Ion Ratio Lower Upper

212 100

106 16.2 0.0 0.0#

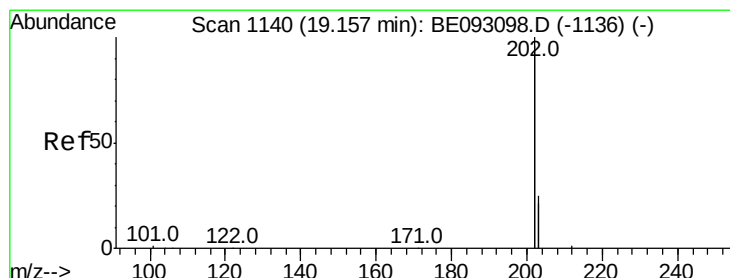
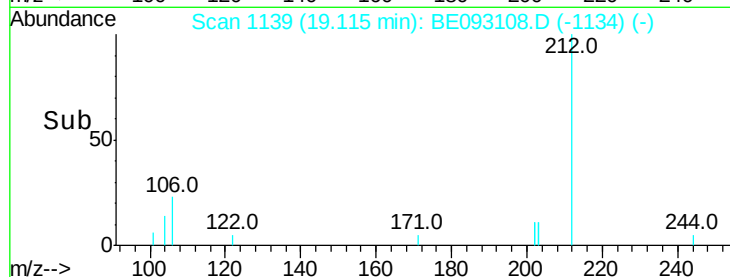
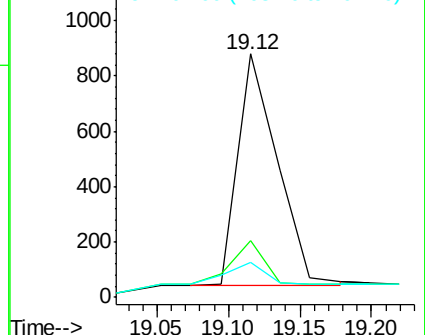
104 8.9 0.0 0.0#



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: 0.23 ng

RT: 19.16 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

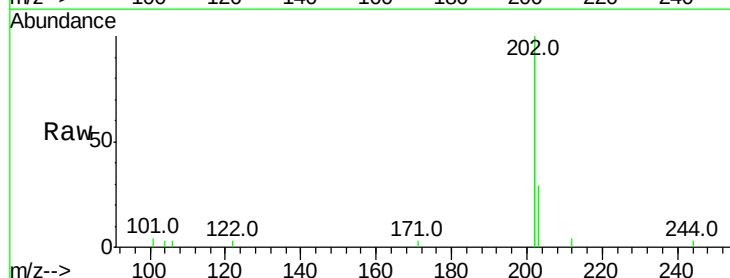
Tgt Ion:202 Resp: 8103

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

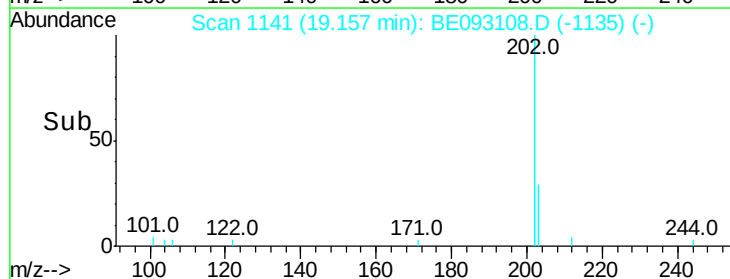
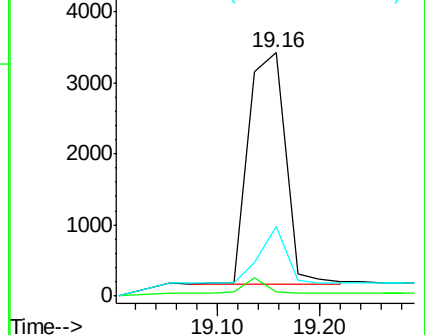
203 17.6 14.4 21.6

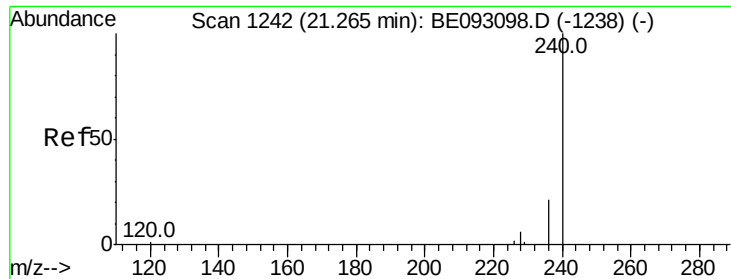


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

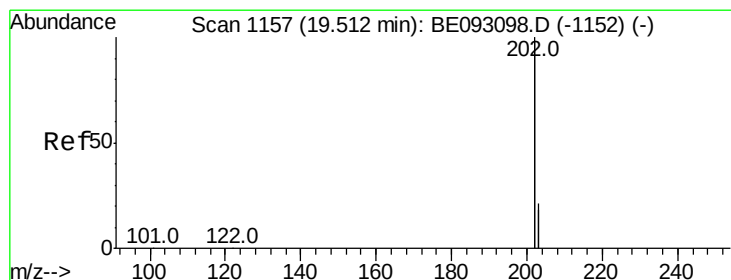
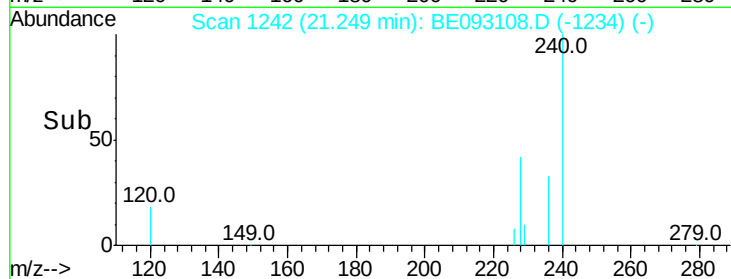
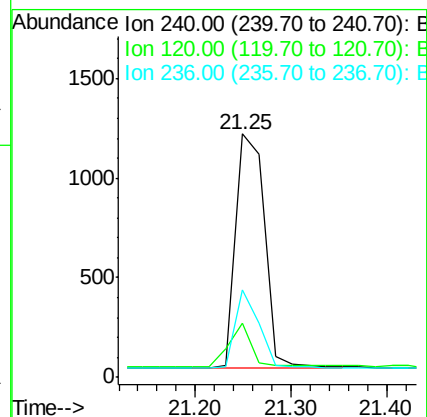
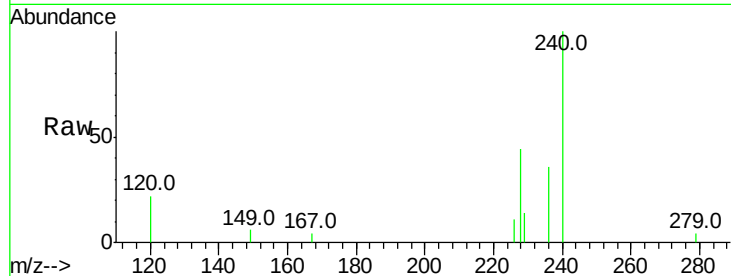




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.25 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE093108.D
 Acq: 12 Jun 2017 19:05

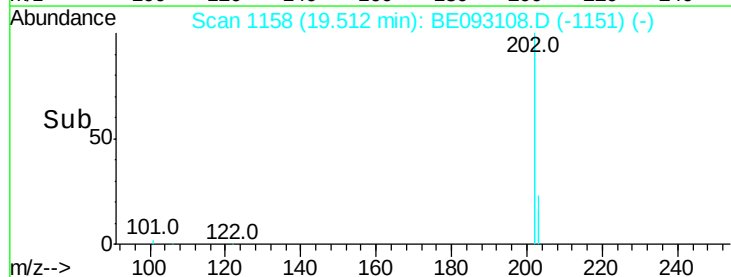
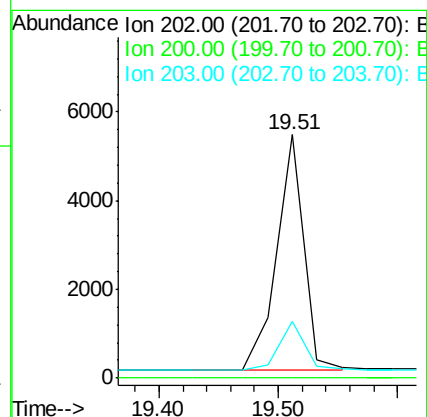
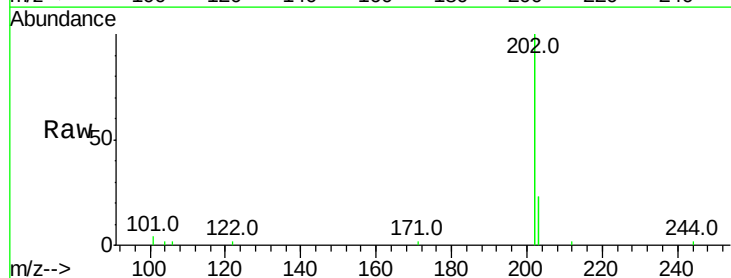
Instrument :
 BNA_E
 ClientSampleId :

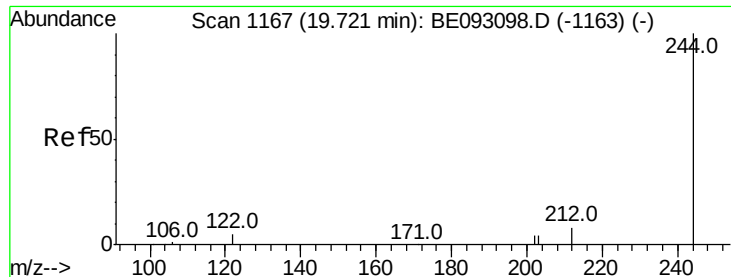
Tot Ion:240 Resp: 2474
 Ion Ratio Lower Upper
 240 100
 120 22.2 4.6 7.0#
 236 35.8 20.8 31.2#



#28
 Pyrene
 Concen: 0.28 ng
 RT: 19.51 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BE093108.D
 Acq: 12 Jun 2017 19:05

Tgt Ion:202 Resp: 8525
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 19.2 13.7 20.5





#29

Terphenyl-d14

Concen: 0.30 ng

RT: 19.72 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampled :

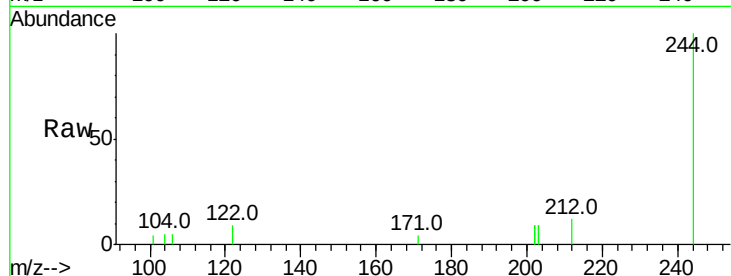
Tot Ion:244 Resp: 1449

Ion Ratio Lower Upper

244 100

212 12.1 10.6 16.0

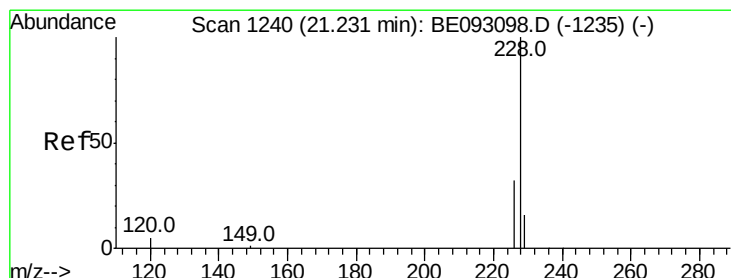
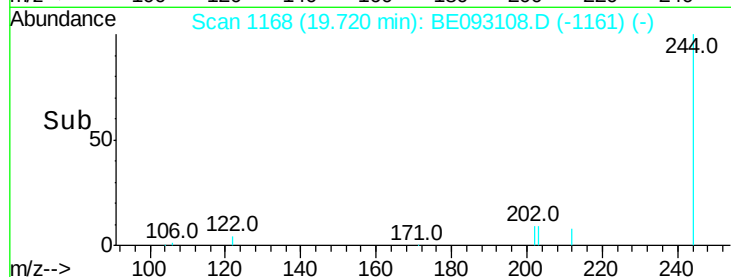
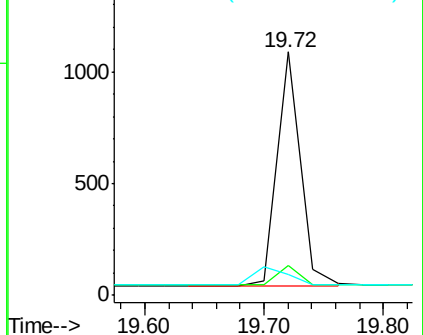
122 8.5 15.4 23.0#



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: 0.27 ng

RT: 21.23 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

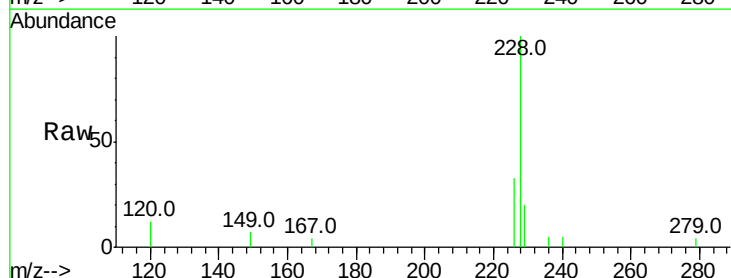
Tgt Ion:228 Resp: 1821

Ion Ratio Lower Upper

228 100

226 32.7 19.7 29.5#

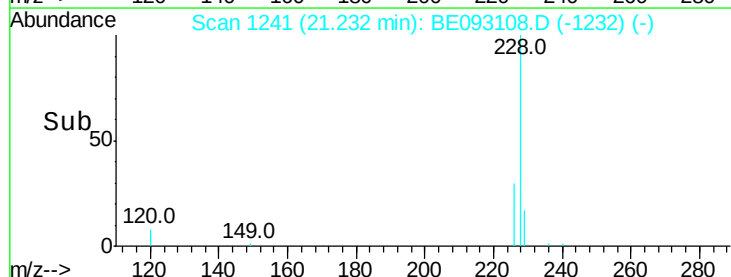
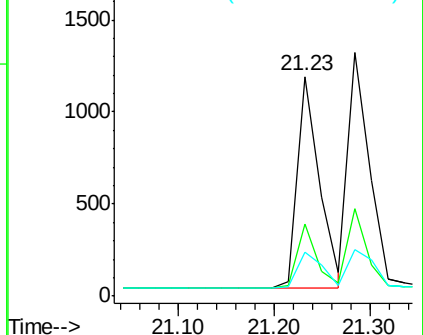
229 19.7 19.2 28.8

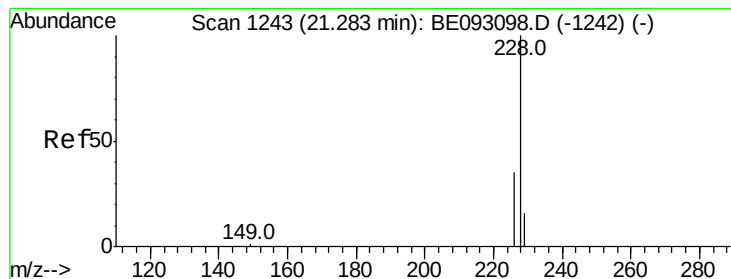


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.28 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

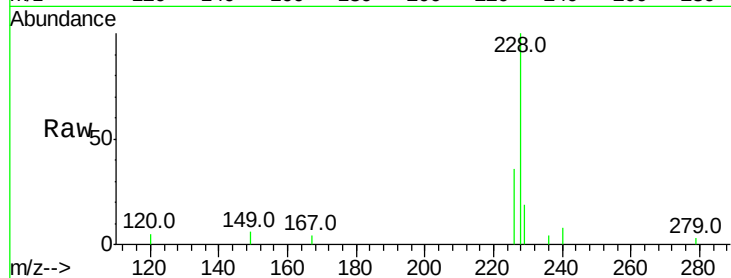
Tot Ion:228 Resp: 2005

Ion Ratio Lower Upper

228 100

226 35.8 21.5 32.3#

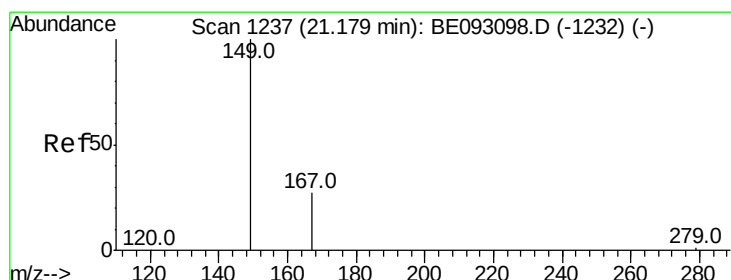
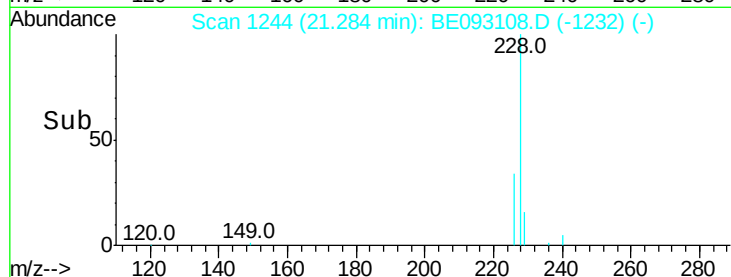
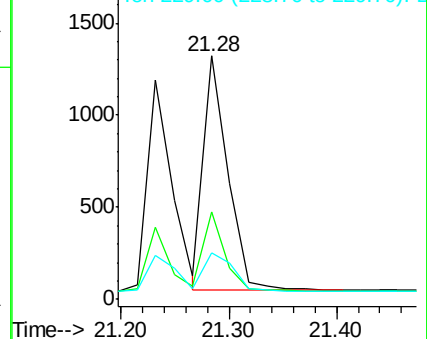
229 19.2 18.6 28.0



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: 0.16 ng

RT: 21.18 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

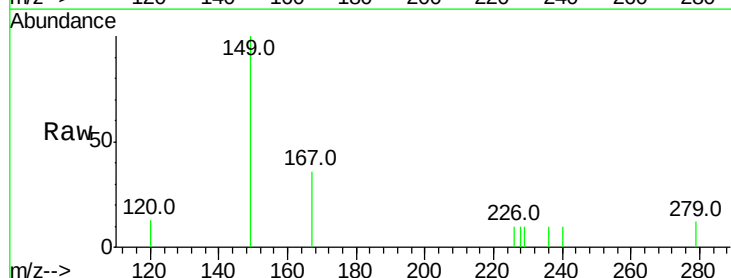
Tgt Ion:149 Resp: 490

Ion Ratio Lower Upper

149 100

167 26.9 20.1 30.1

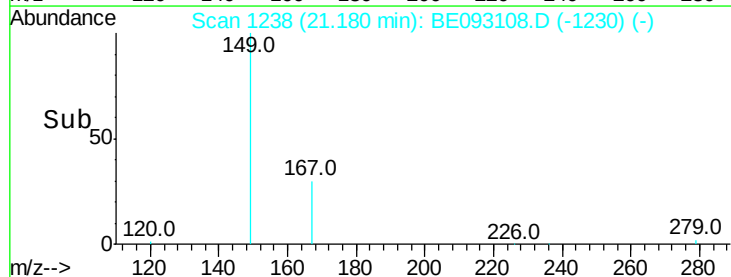
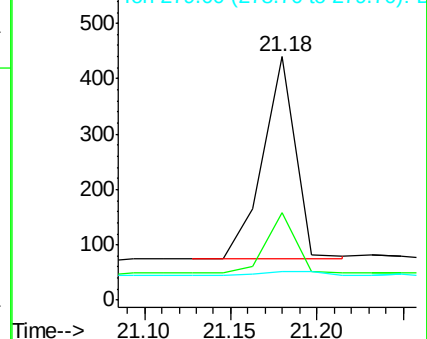
279 0.0 2.2 3.4#

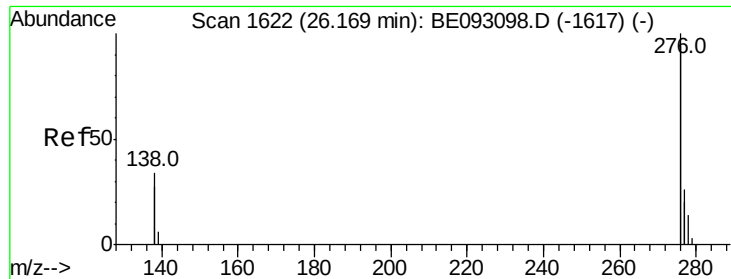


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.30 ng

RT: 26.17 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

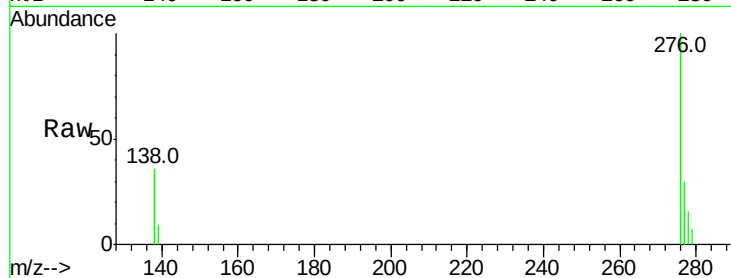
Tot Ion:276 Resp: 8111

Ion Ratio Lower Upper

276 100

138 33.6 27.4 41.2

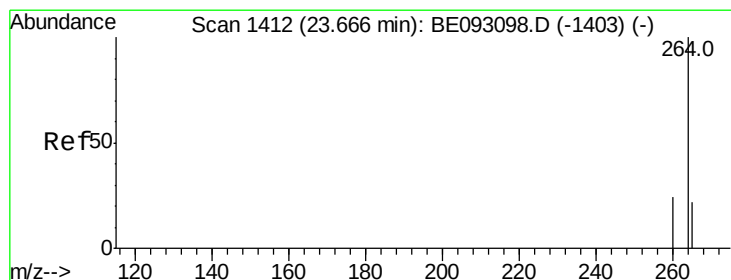
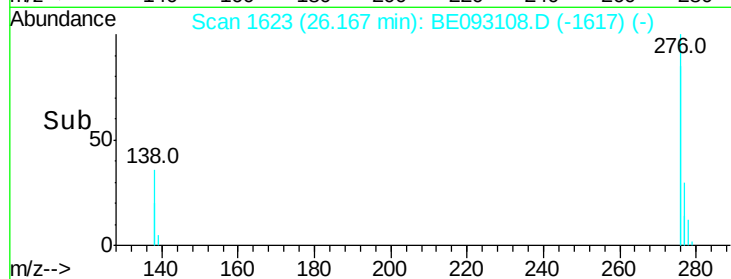
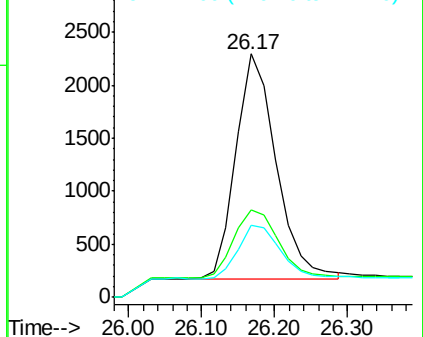
277 25.1 20.1 30.1



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: 0.40 ng

RT: 23.67 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

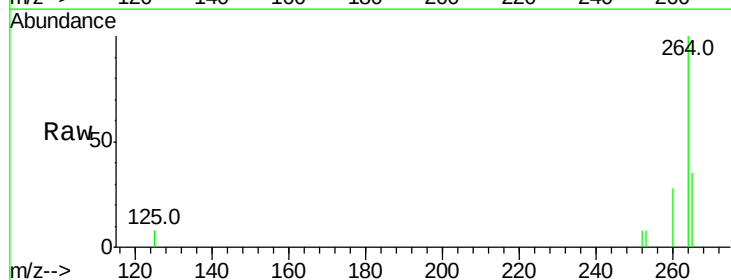
Tgt Ion:264 Resp: 1911

Ion Ratio Lower Upper

264 100

260 27.6 21.0 31.4

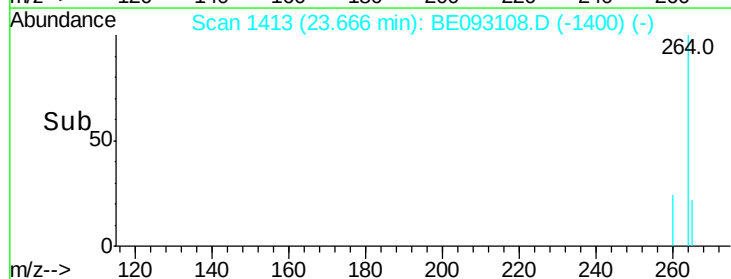
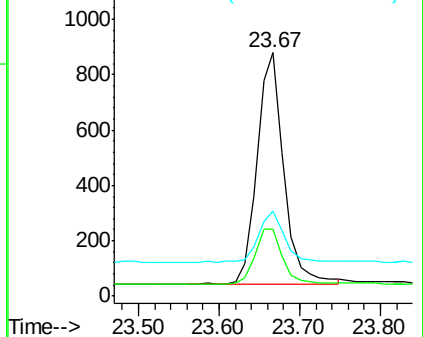
265 34.7 24.6 36.8

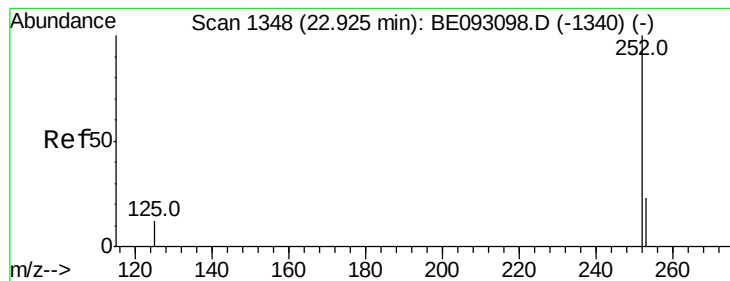


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.31 ng

RT: 22.93 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

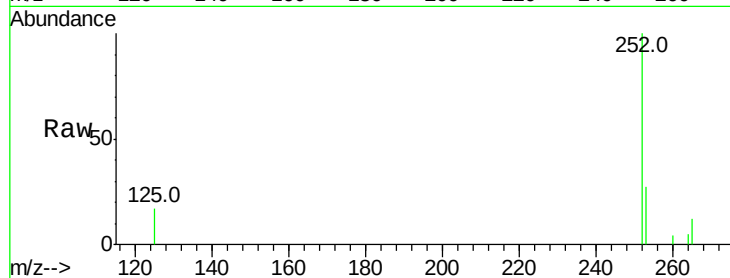
Tot Ion:252 Resp: 1914

Ion Ratio Lower Upper

252 100

253 27.4 18.5 27.7

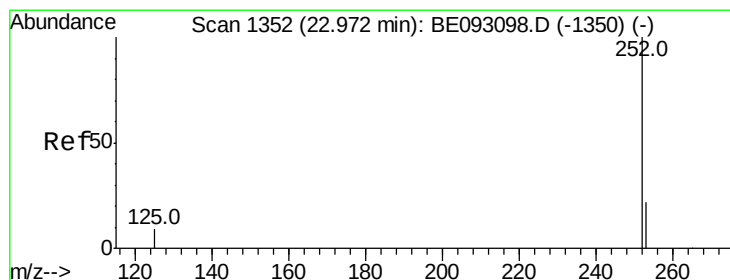
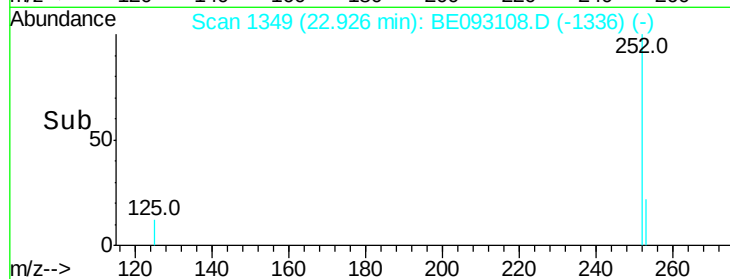
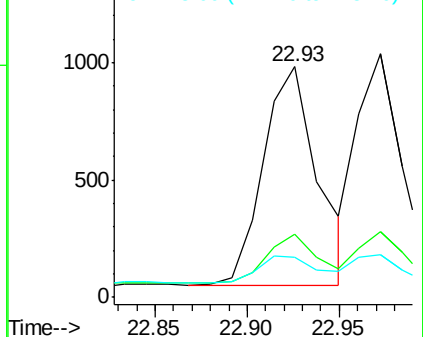
125 17.4 13.4 20.0



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: 0.28 ng

RT: 22.97 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

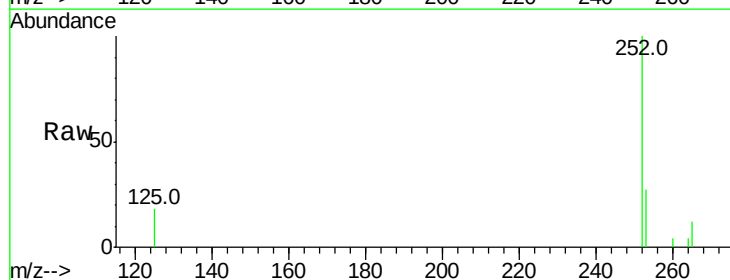
Tgt Ion:252 Resp: 1684

Ion Ratio Lower Upper

252 100

253 27.0 20.3 30.5

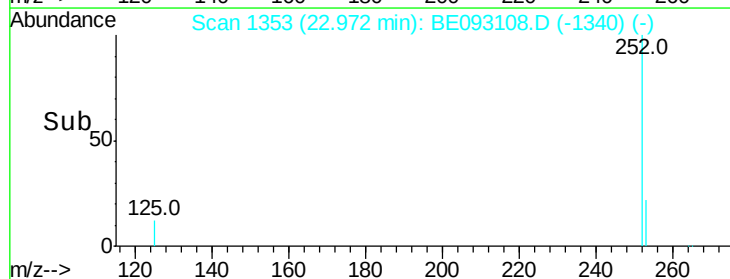
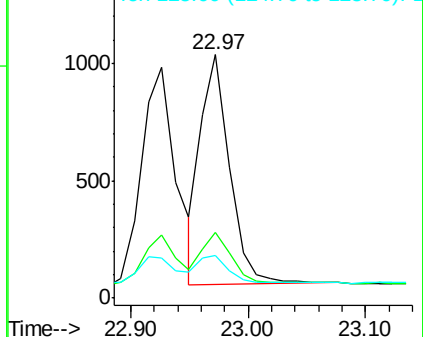
125 17.6 12.2 18.4

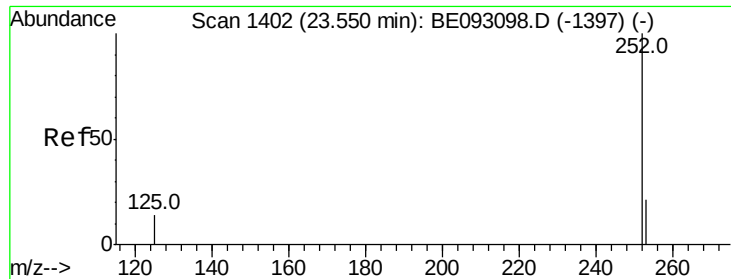


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.29 ng

RT: 23.55 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :

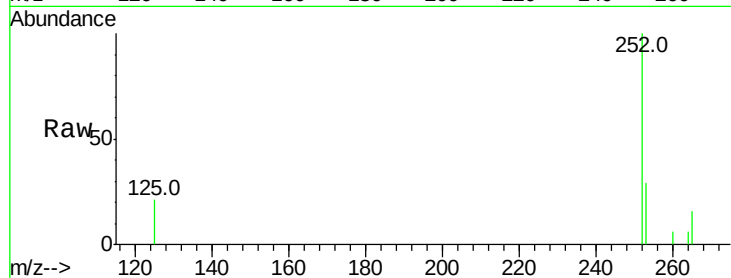
Tot Ion:252 Resp: 1550

Ion Ratio Lower Upper

252 100

253 28.7 19.9 29.9

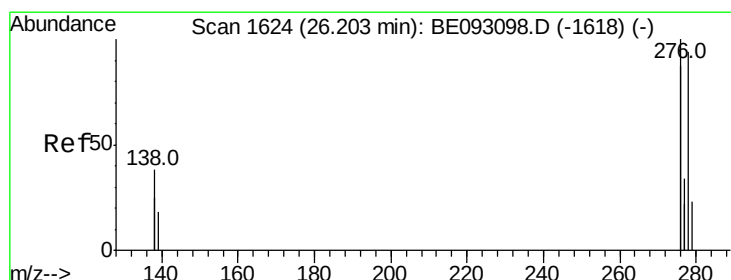
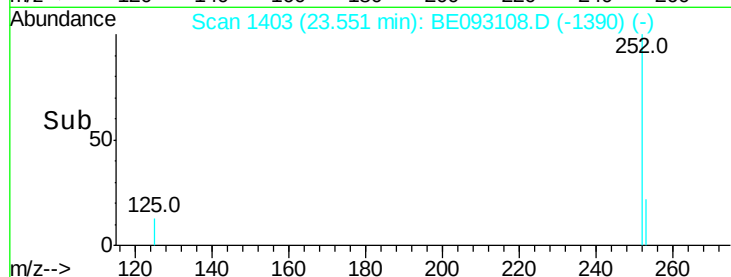
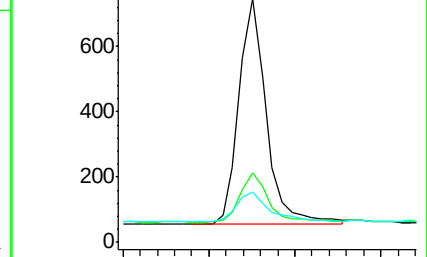
125 20.9 14.6 21.8



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: 0.32 ng

RT: 26.20 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

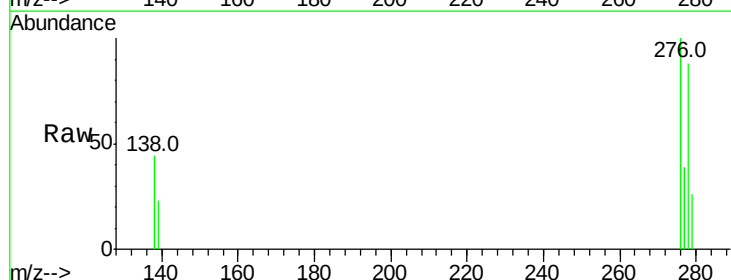
Tgt Ion:278 Resp: 1783

Ion Ratio Lower Upper

278 100

139 26.7 21.4 32.0

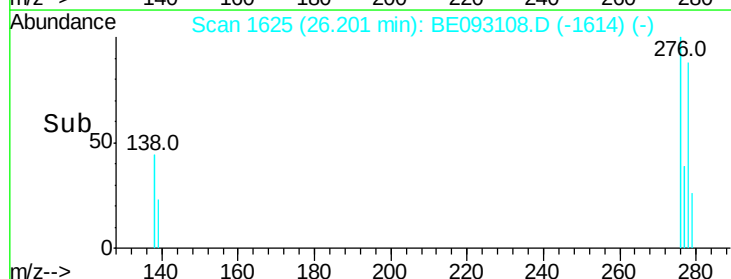
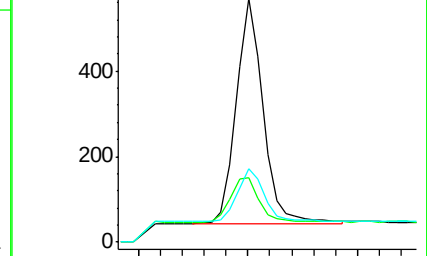
279 30.2 22.2 33.2

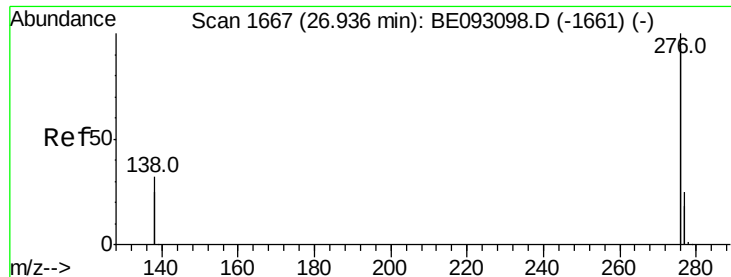


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.34 ng

RT: 26.93 min Scan# 1668

Delta R.T. -0.00 min

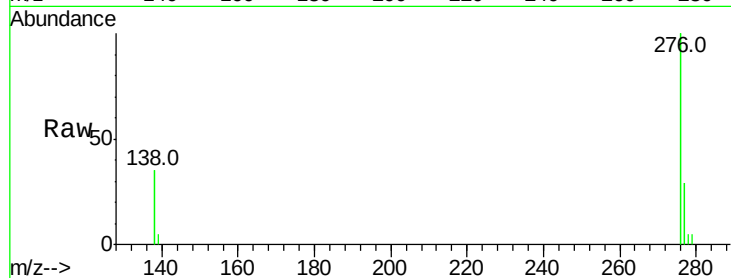
Lab File: BE093108.D

Acq: 12 Jun 2017 19:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 7543

Ion Ratio Lower Upper

276 100

277 28.8 21.2 31.8

138 35.3 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

