

Data Path : U:\HPCHEM1\BNA E\DATA\BE012318\
 Data File : BE095098.D
 Acq On : 23 Jan 2018 15:39
 Operator : SJ/JU
 Sample : PB105797BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105797BS

Quant Time: Jan 24 01:09:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6484	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	13716	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	6764	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	15745	0.40	ng	0.00
27) Chrysene-d12	21.84	240	16369	0.40	ng	0.00
34) Perylene-d12	24.49	264	13322	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	3618	0.34	ng	0.00
5) Phenol-d6	7.58	99	4899	0.31	ng	0.00
8) Nitrobenzene-d5	9.63	82	4614	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.83	152	7904	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	537	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	13127	0.44	ng	0.00
25) Fluoranthene-d10	19.72	212	75327	0.38	ng	0.00
29) Terphenyl-d14	20.28	244	14695	0.44	ng	0.00

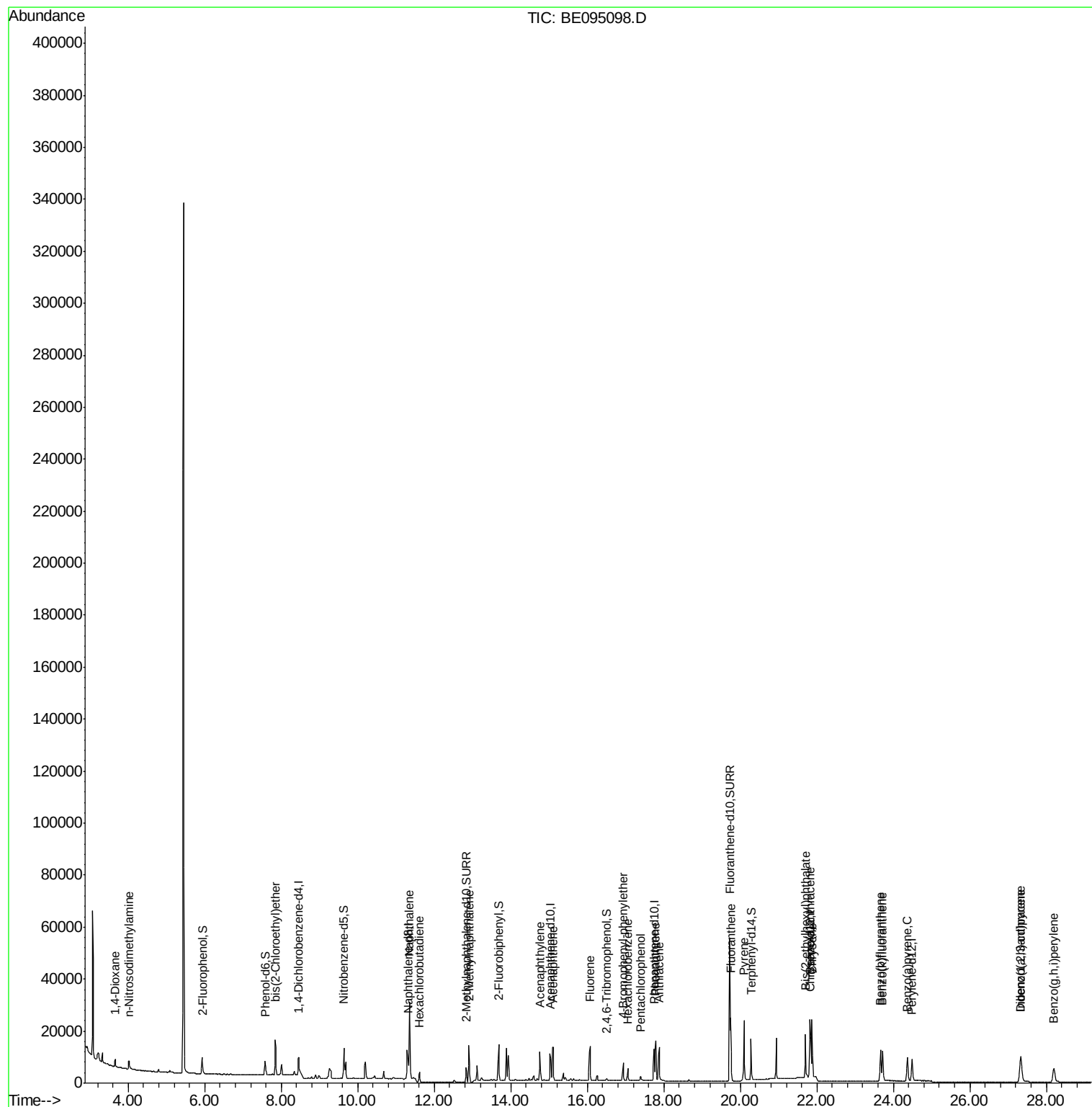
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	1926	0.302	ng	# 59
3) n-Nitrosodimethylamine	4.01	42	2565	0.337	ng	# 96
6) bis(2-Chloroethyl)ether	7.86	93	5027	0.339	ng	90
9) Naphthalene	11.34	128	57158	0.364	ng	99
10) Hexachlorobutadiene	11.61	225	2570	0.365	ng	98
12) 2-Methylnaphthalene	12.91	142	9467	0.352	ng	98
16) Acenaphthylene	14.76	152	12410	0.343	ng	99
17) Acenaphthene	15.10	154	8251	0.350	ng	95
18) Fluorene	16.07	166	10352	0.352	ng	# 79
20) 4-Bromophenyl-phenylether	16.94	248	3394	0.366	ng	# 78
21) Hexachlorobenzene	17.05	284	3434	0.369	ng	# 83
22) Pentachlorophenol	17.40	266	1089	0.561	ng	# 76
23) Phenanthrene	17.79	178	18306	0.376	ng	99
24) Anthracene	17.88	178	16070	0.370	ng	96
26) Fluoranthene	19.75	202	22093	0.378	ng	98
28) Pyrene	20.10	202	22187	0.321	ng	95
30) Benzo(a)anthracene	21.82	228	18295	0.357	ng	95
31) Chrysene	21.87	228	20105	0.388	ng	99
32) Bis(2-ethylhexyl)phthalate	21.70	149	19974	0.280	ng	100
33) Indeno(1,2,3-cd)pyrene	27.32	276	16894	0.359	ng	96
35) Benzo(b)fluoranthene	23.67	252	17854	0.378	ng	# 89
36) Benzo(k)fluoranthene	23.72	252	18260	0.378	ng	96
37) Benzo(a)pyrene	24.37	252	16334	0.377	ng	94
38) Dibenzo(a,h)anthracene	27.34	278	12944	0.355	ng	97
39) Benzo(g,h,i)perylene	28.19	276	15082	0.381	ng	92

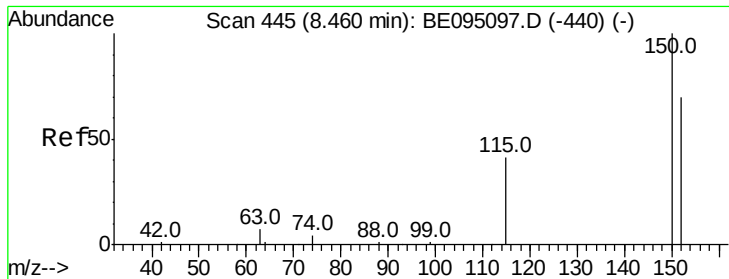
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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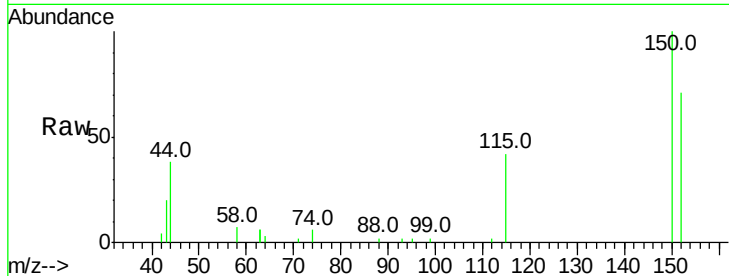


#1

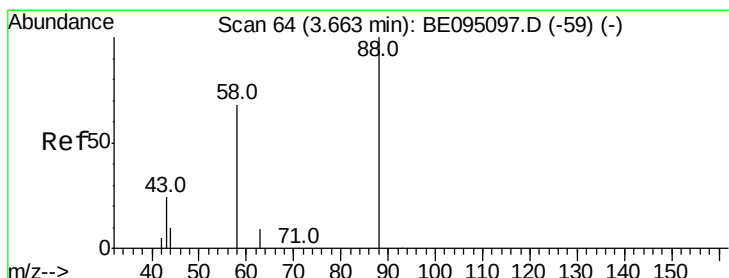
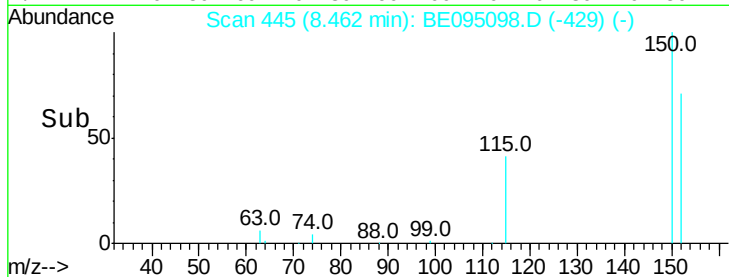
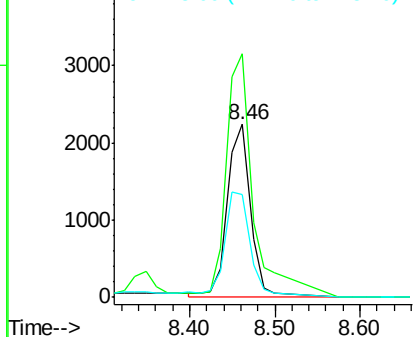
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095098.D
Acq: 23 Jan 2018 15:39

Instrument :
BNA_E
ClientSampleId :
PB105797BS

Tot Ion:152 Resp: 6484
Ion Ratio Lower Upper
152 100
150 140.7 117.2 175.8
115 59.3 57.0 85.6



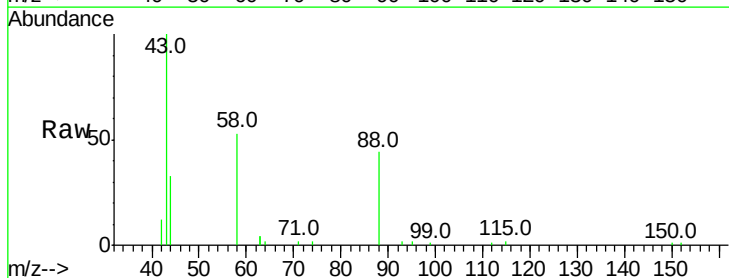
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



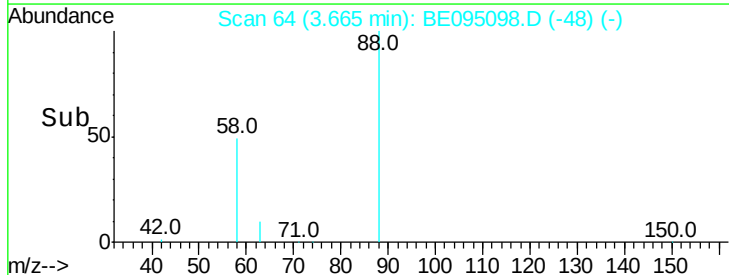
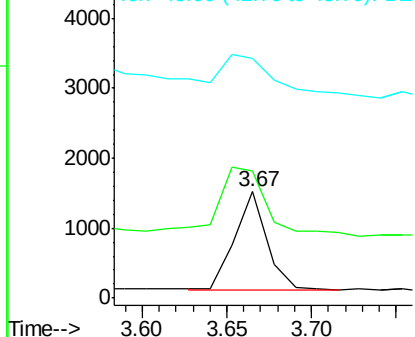
#2

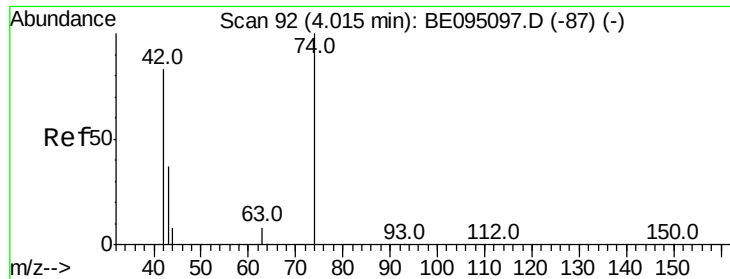
1,4-Dioxane
Concen: 0.302 ng
RT: 3.67 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095098.D
Acq: 23 Jan 2018 15:39

Tgt Ion: 88 Resp: 1926
Ion Ratio Lower Upper
88 100
58 122.4 63.2 94.8#
43 71.9 41.2 61.8#



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: 0.337 ng

RT: 4.01 min Scan# 91

Delta R.T. -0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

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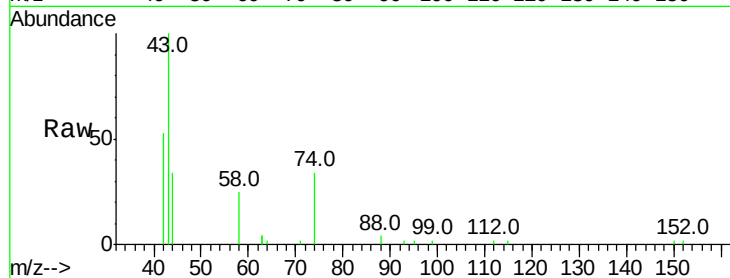
Tot Ion: 42 Resp: 2565

Ion Ratio Lower Upper

42 100

74 118.9 96.0 144.0

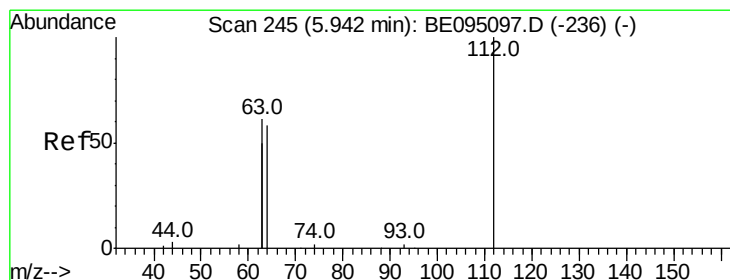
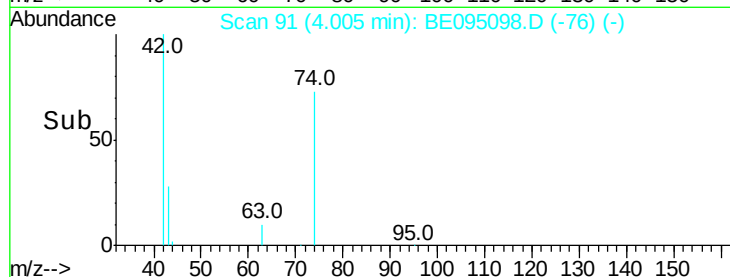
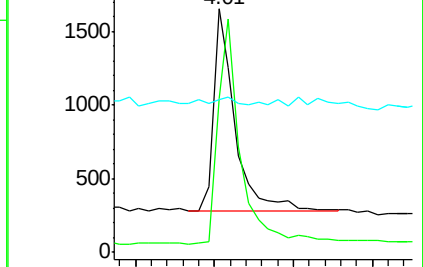
44 4.1 12.0 18.0#



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: 0.345 ng

RT: 5.94 min Scan# 245

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

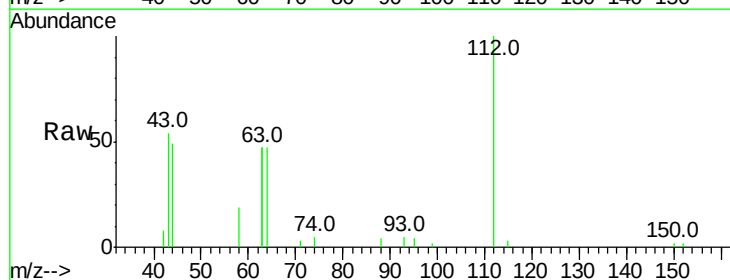
Tgt Ion: 112 Resp: 3618

Ion Ratio Lower Upper

112 100

64 68.0 60.1 90.1

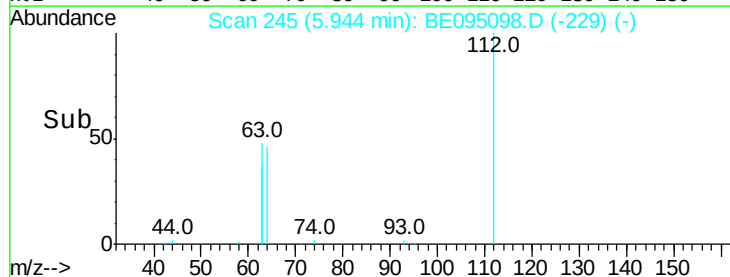
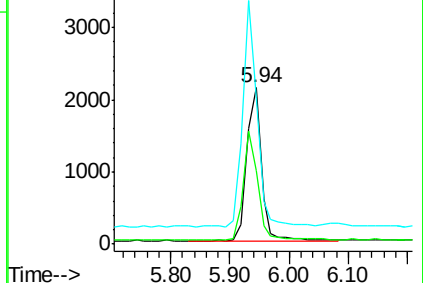
63 143.1 116.8 175.2

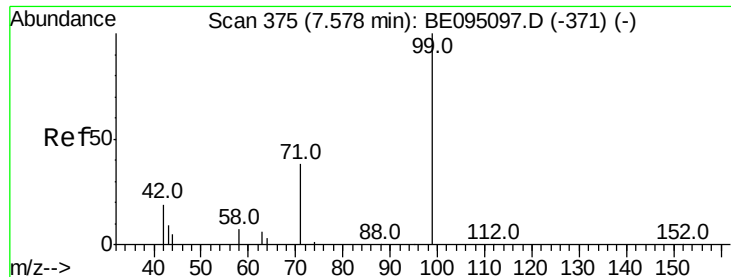


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.308 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

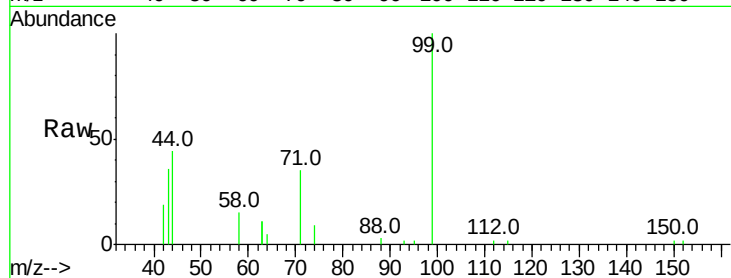
Tot Ion: 99 Resp: 4899

Ion Ratio Lower Upper

99 100

42 24.2 20.2 30.2

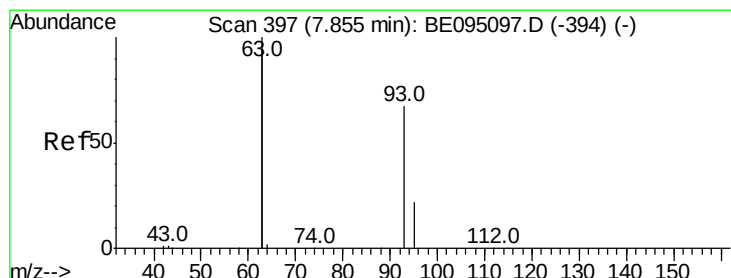
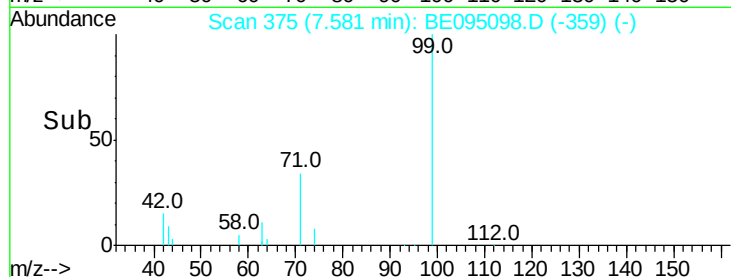
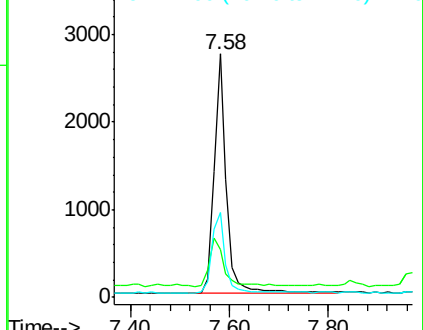
71 36.9 28.4 42.6



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: 0.339 ng

RT: 7.86 min Scan# 397

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

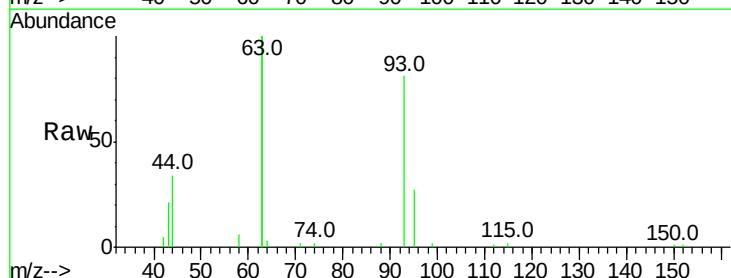
Tgt Ion: 93 Resp: 5027

Ion Ratio Lower Upper

93 100

63 321.8 275.3 412.9

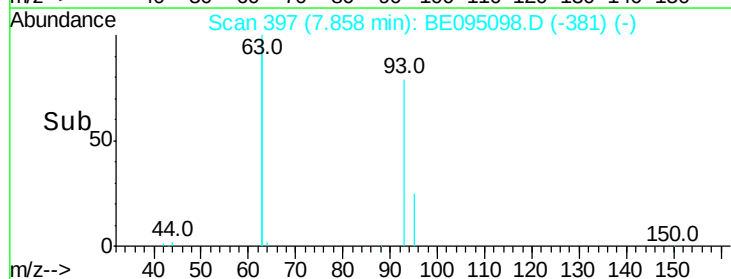
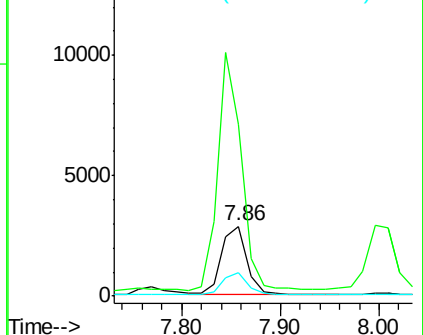
95 32.1 25.2 37.8

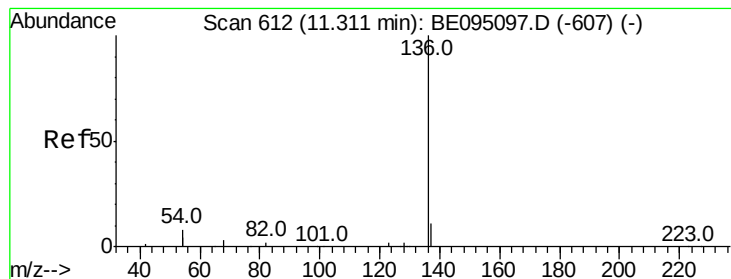


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

Tot Ion:136 Resp: 13716

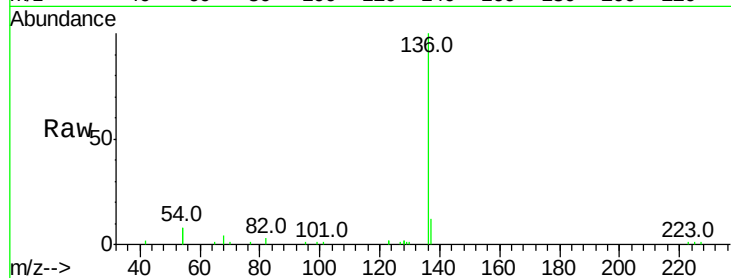
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 15.9 29.1 43.7#

68 3.9 6.2 9.2#

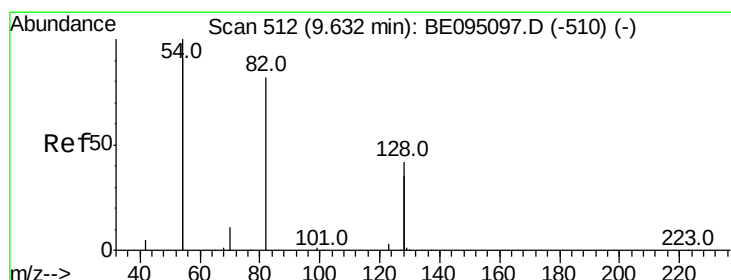
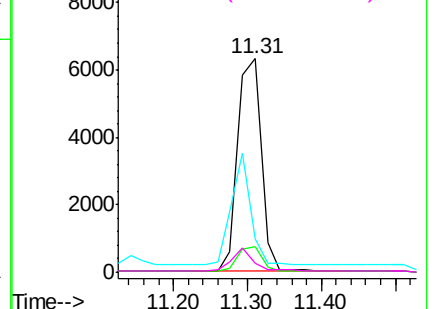
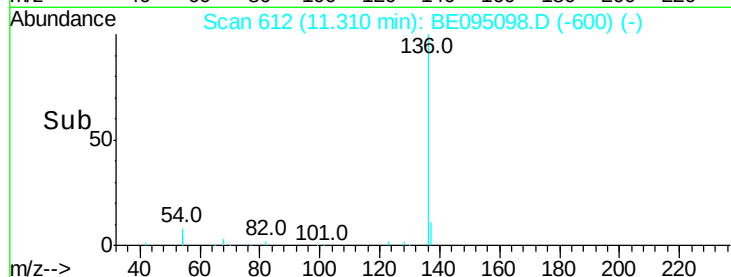


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.370 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

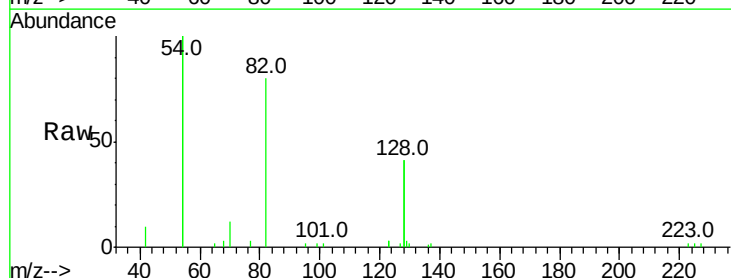
Tgt Ion: 82 Resp: 4614

Ion Ratio Lower Upper

82 100

128 101.4 150.0 225.0#

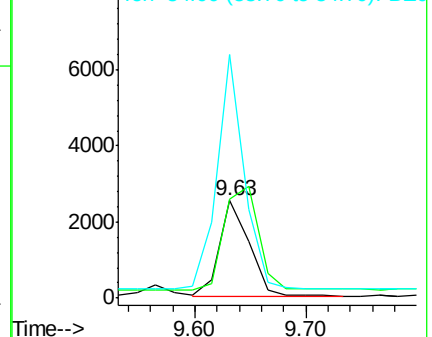
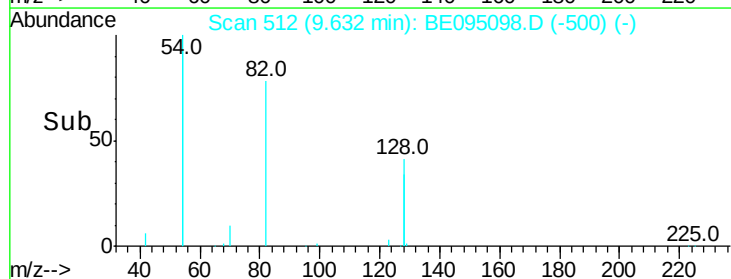
54 249.5 154.2 231.4#

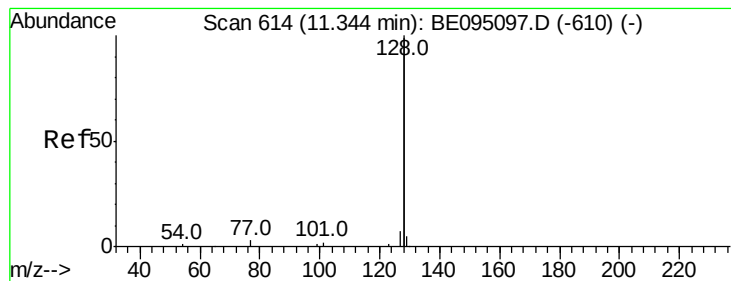


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.364 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

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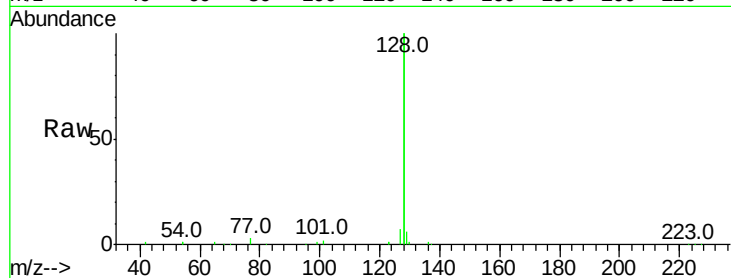
Tot Ion:128 Resp: 57158

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

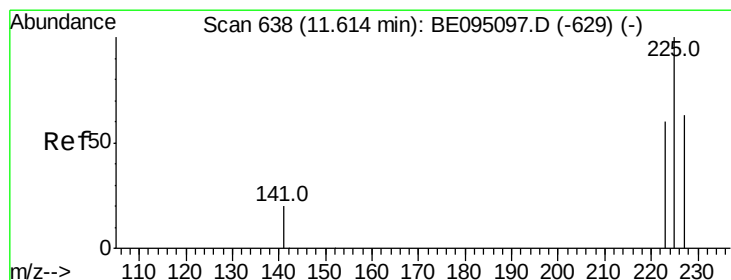
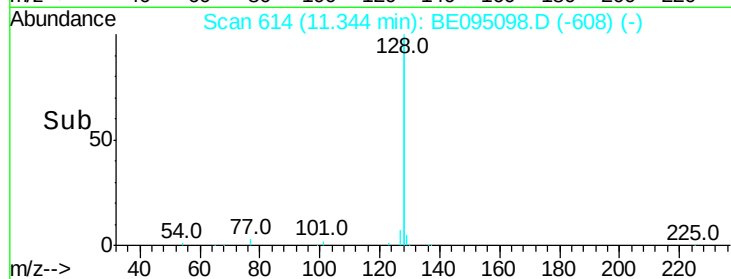
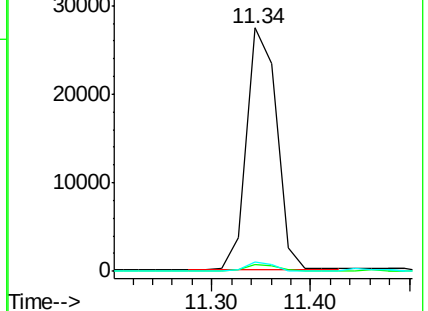
127 3.6 2.8 4.2



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: 0.365 ng

RT: 11.61 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

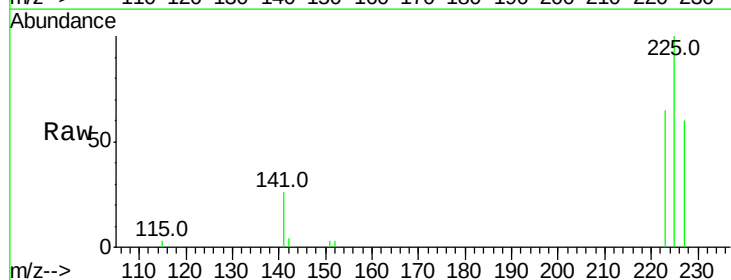
Tgt Ion:225 Resp: 2570

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

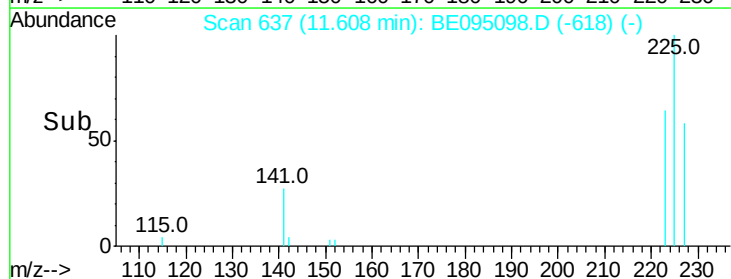
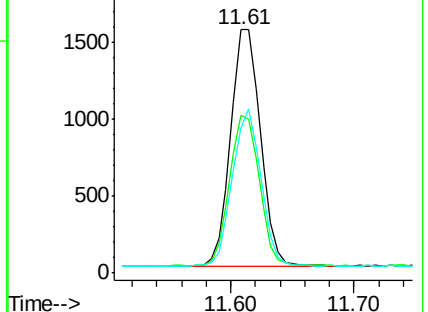
227 63.8 51.4 77.2

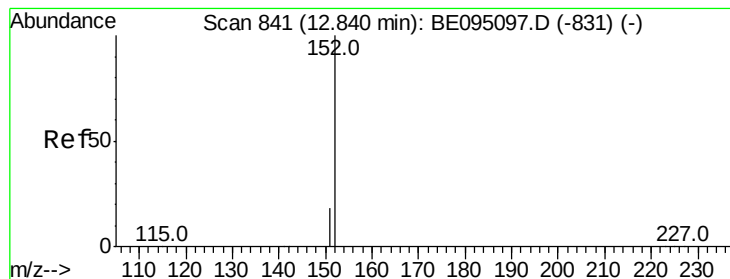


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

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ClientSampleId :

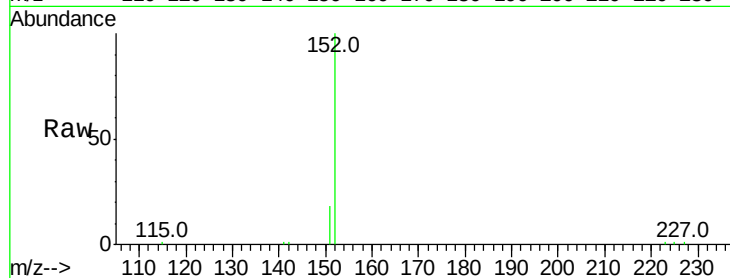
PB105797BS

Tot Ion:152 Resp: 7904

Ion Ratio Lower Upper

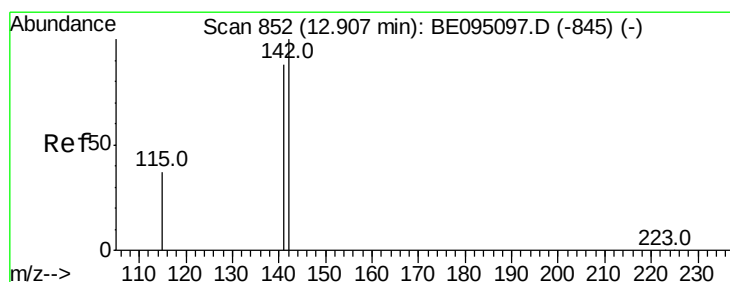
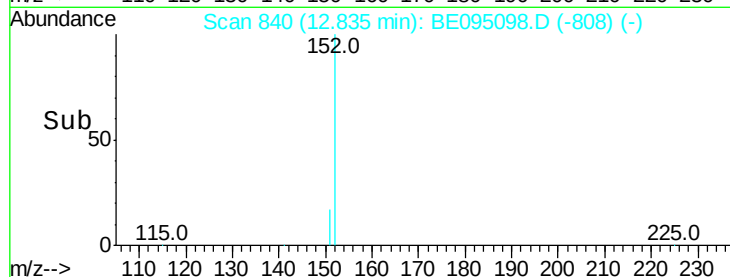
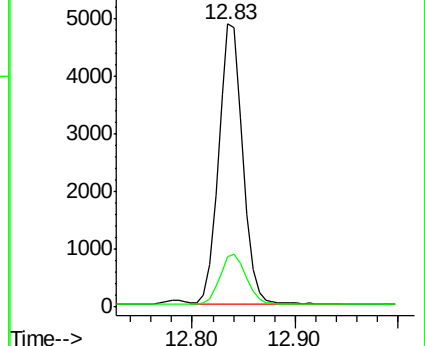
152 100

151 20.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.352 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

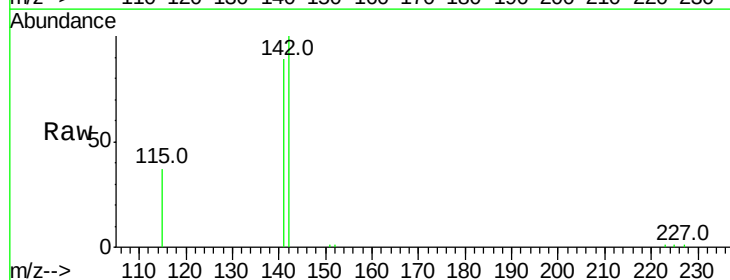
Tgt Ion:142 Resp: 9467

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6

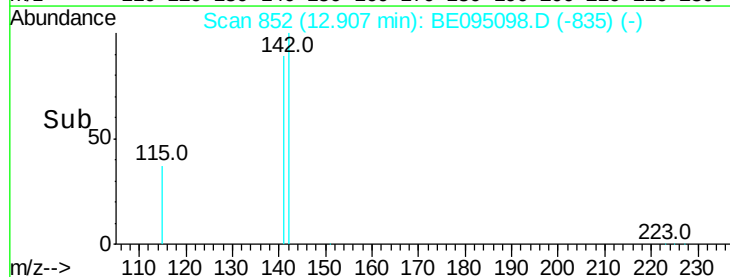
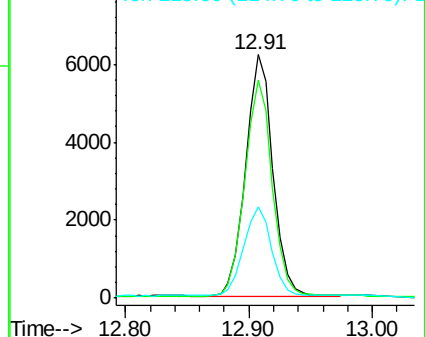
115 37.3 31.7 47.5

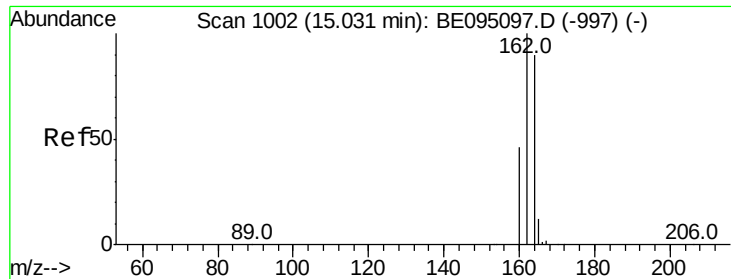


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

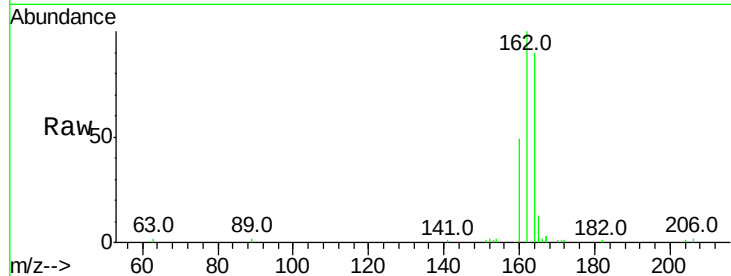
Tot Ion:164 Resp: 6764

Ion Ratio Lower Upper

164 100

162 110.7 83.1 124.7

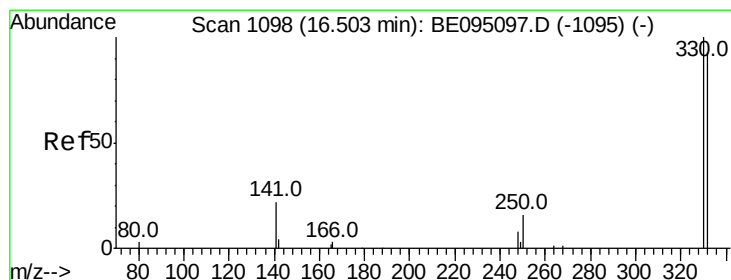
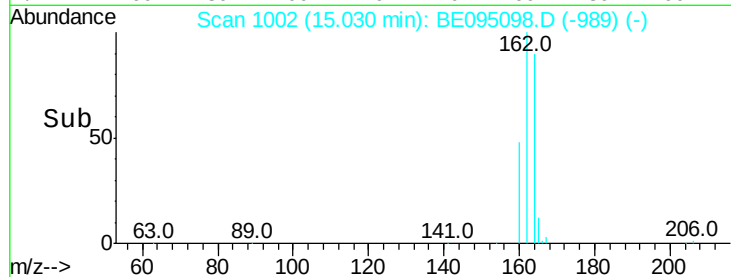
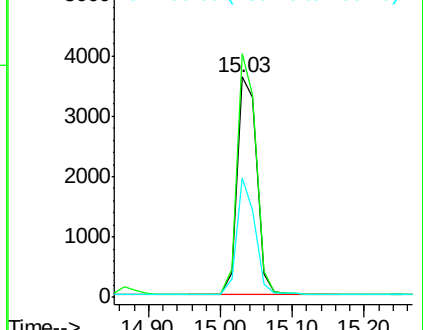
160 54.1 37.1 55.7



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: 0.330 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

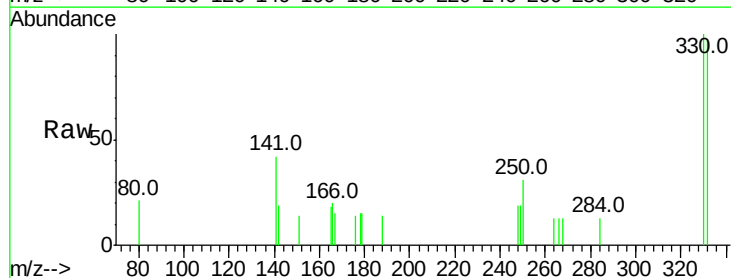
Tgt Ion:330 Resp: 537

Ion Ratio Lower Upper

330 100

332 102.4 152.7 229.1#

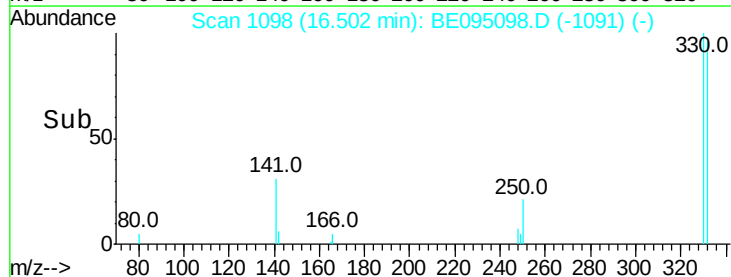
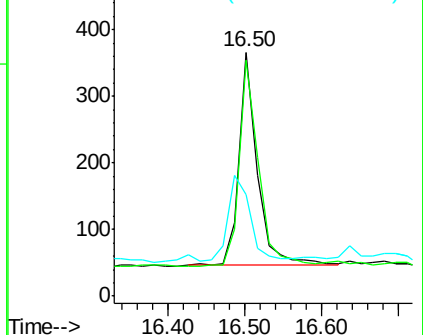
141 49.0 33.7 50.5

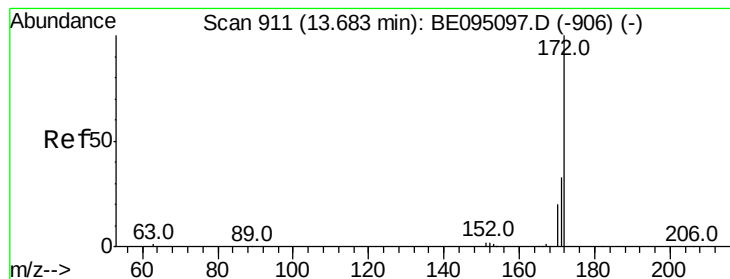


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.442 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

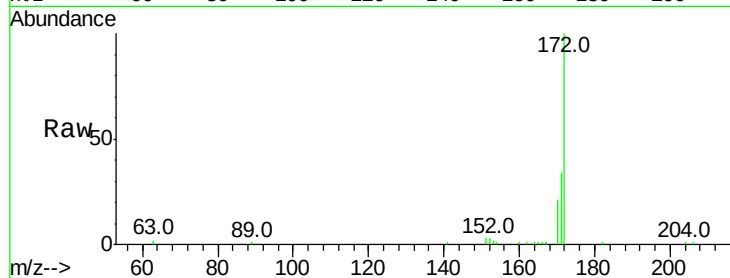
Tot Ion:172 Resp: 13127

Ion Ratio Lower Upper

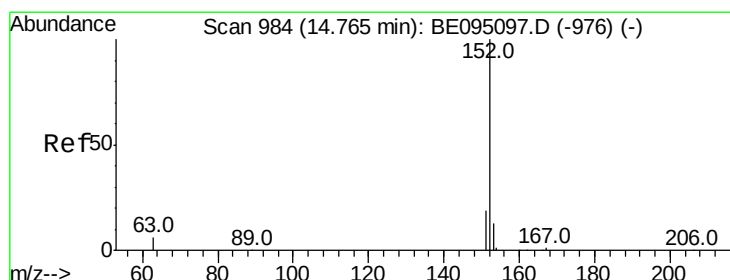
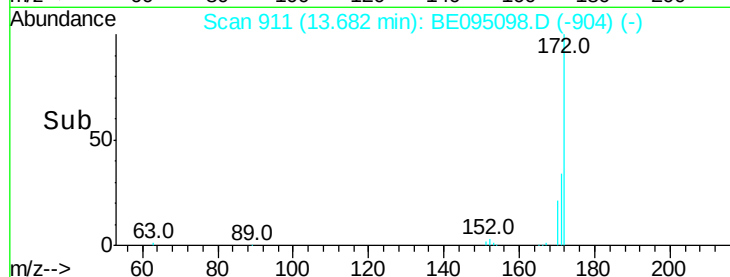
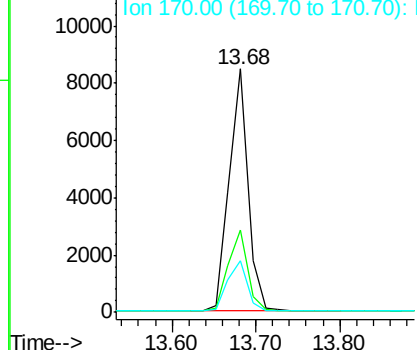
172 100

171 34.1 29.9 44.9

170 21.0 21.8 32.8#



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: 0.343 ng

RT: 14.76 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

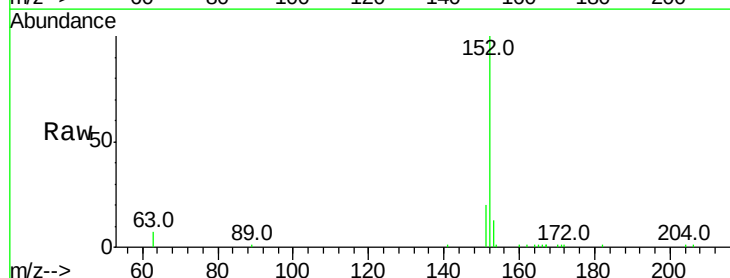
Tgt Ion:152 Resp: 12410

Ion Ratio Lower Upper

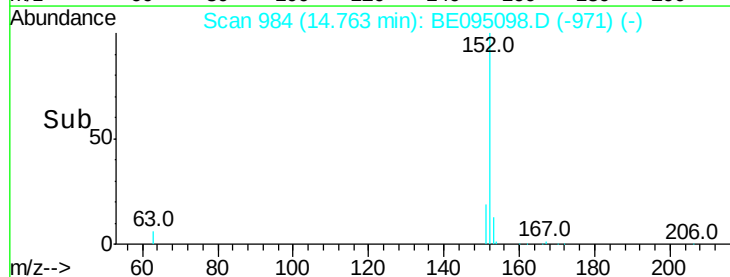
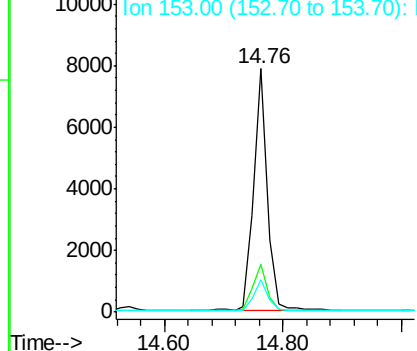
152 100

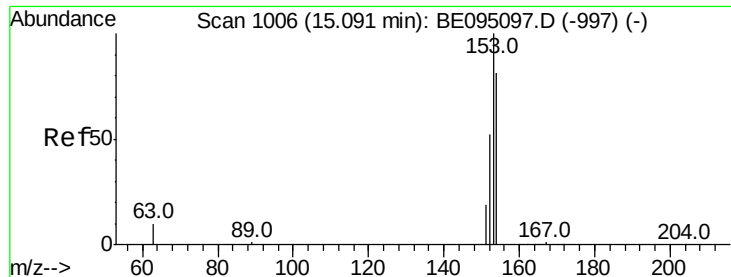
151 20.0 15.7 23.5

153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.350 ng

RT: 15.10 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

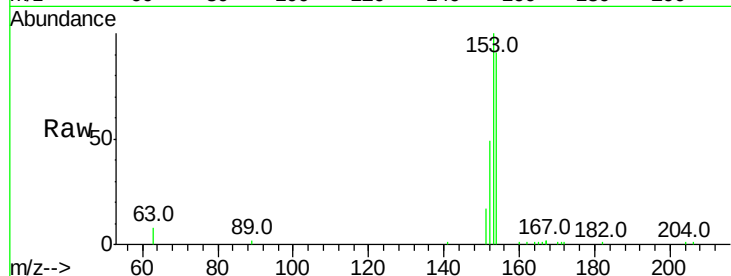
Tot Ion:154 Resp: 8251

Ion Ratio Lower Upper

154 100

153 115.2 89.2 133.8

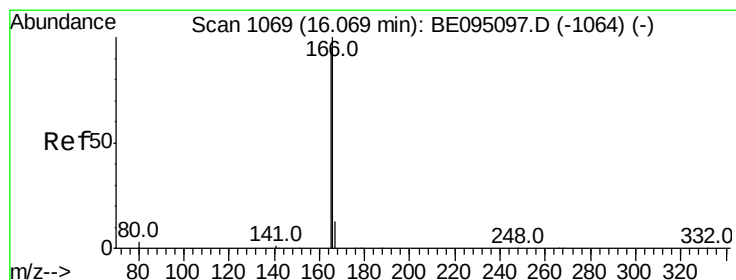
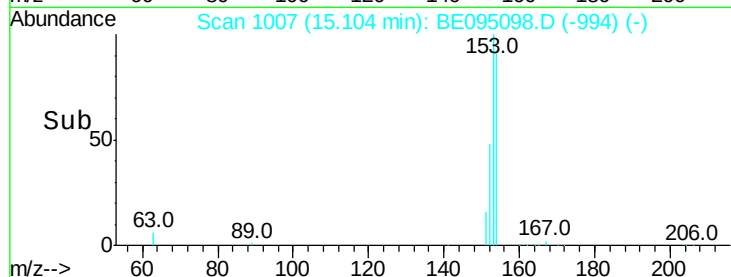
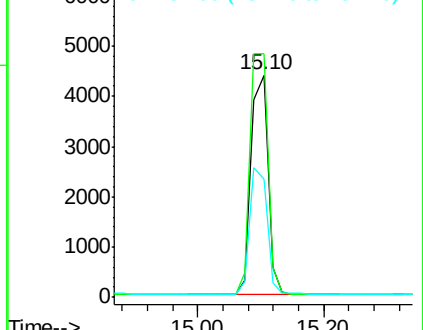
152 58.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.352 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

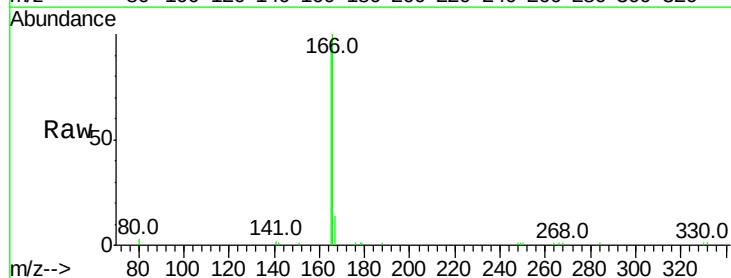
Tgt Ion:166 Resp: 10352

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

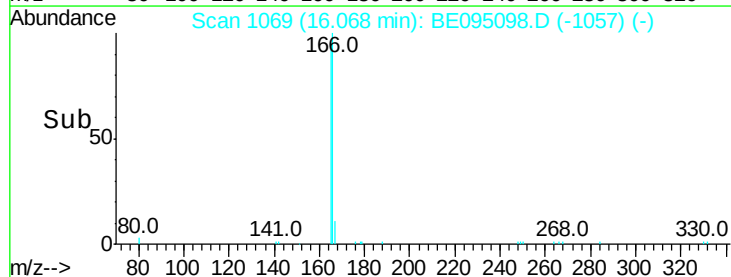
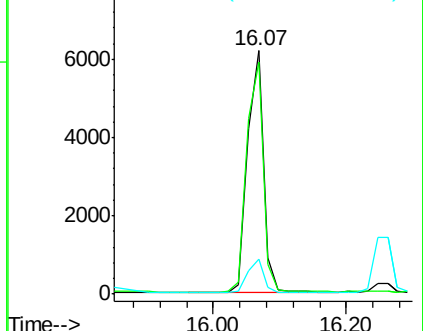
167 13.7 42.4 63.6#

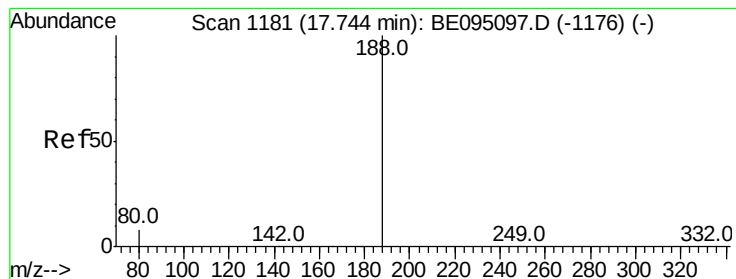


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

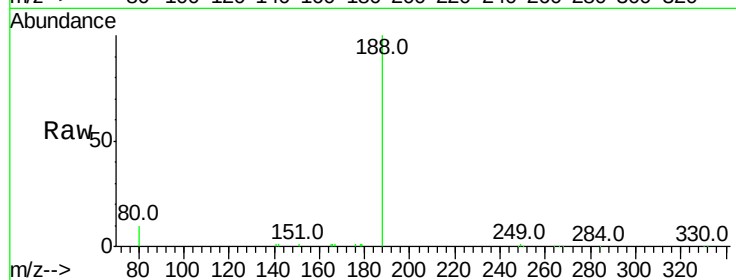
Tot Ion:188 Resp: 15745

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

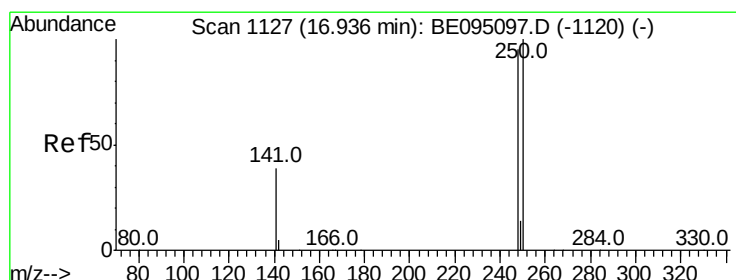
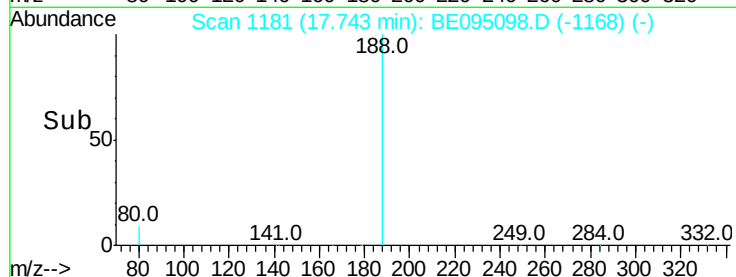
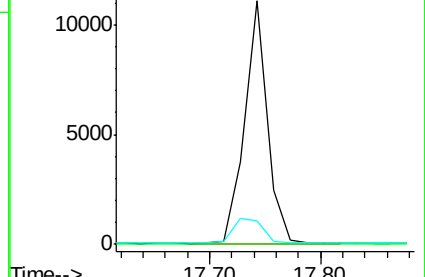
80 9.8 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.366 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

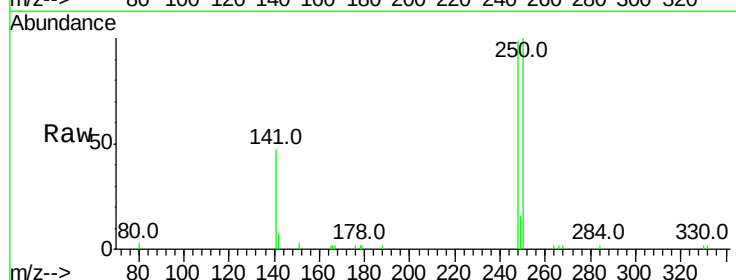
Tgt Ion:248 Resp: 3394

Ion Ratio Lower Upper

248 100

250 101.3 62.7 94.1#

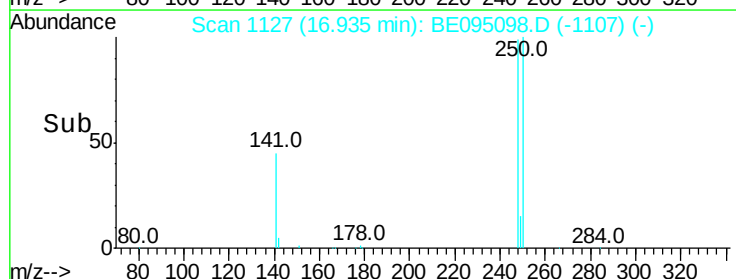
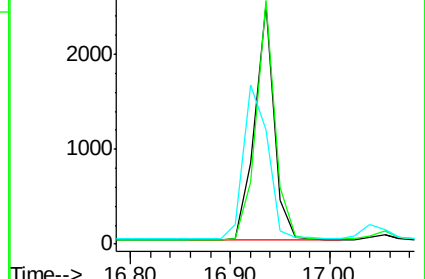
141 47.5 48.2 72.2#

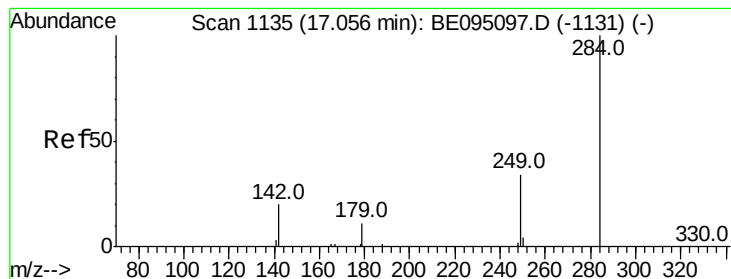


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 17.05 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

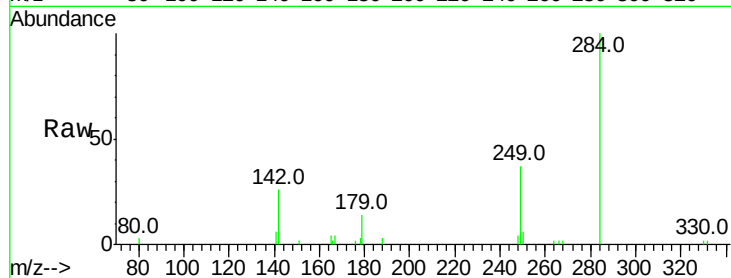
Tot Ion:284 Resp: 3434

Ion Ratio Lower Upper

284 100

142 39.2 22.1 33.1#

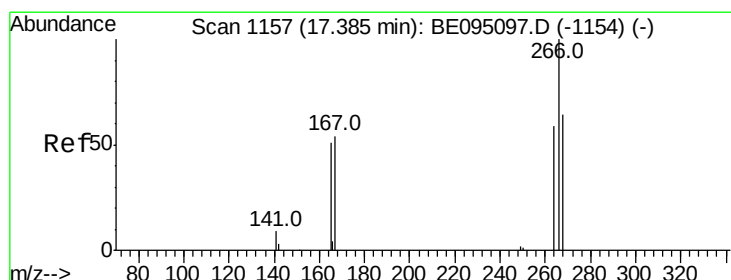
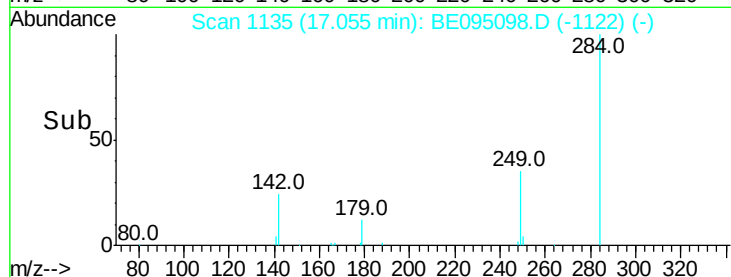
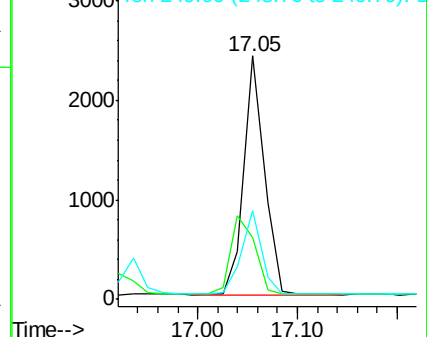
249 34.8 34.8 52.2#



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: 0.561 ng

RT: 17.40 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

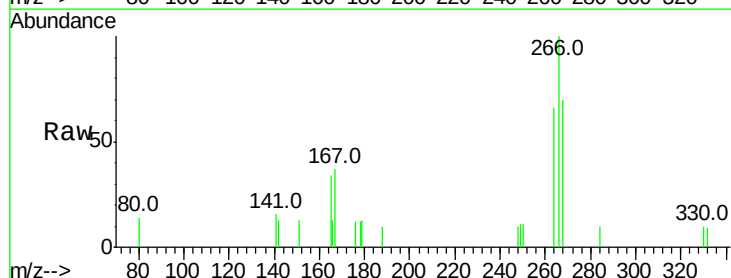
Tgt Ion:266 Resp: 1089

Ion Ratio Lower Upper

266 100

264 66.0 72.5 108.7#

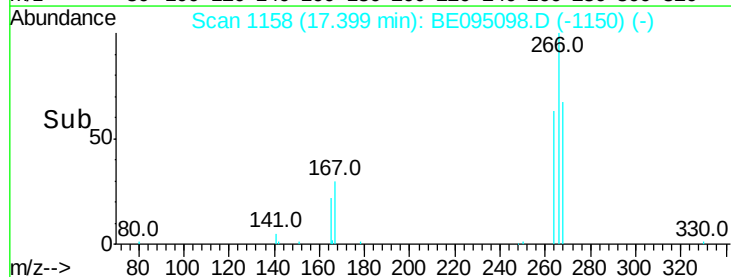
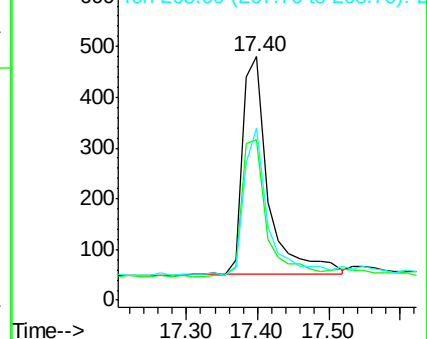
268 70.4 73.8 110.6#

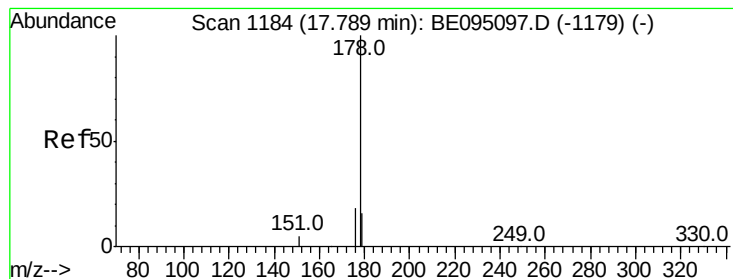


Abundance Ion 266.00 (265.70 to 266.70): E

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: 17.79 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

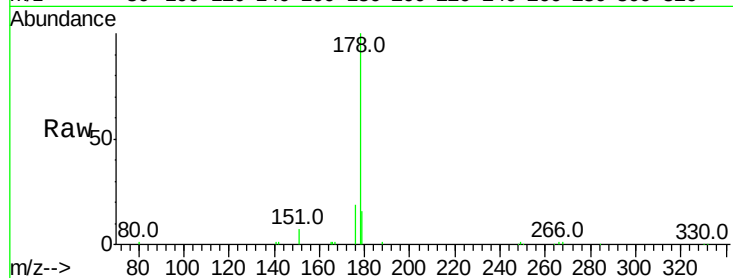
Tot Ion:178 Resp: 18306

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

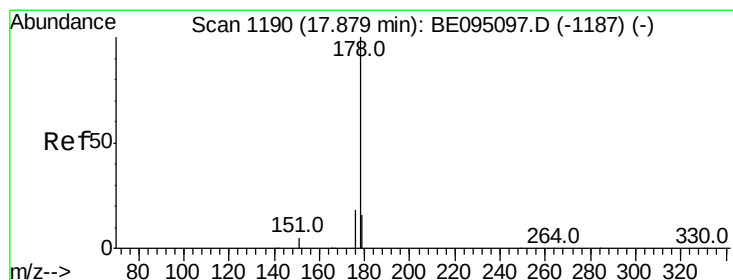
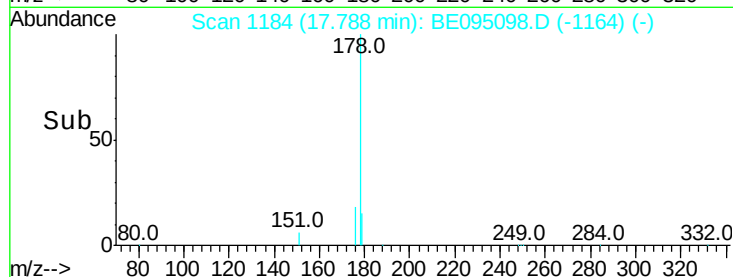
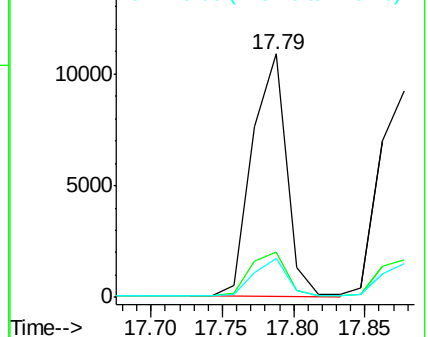
179 14.6 11.8 17.6



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: 0.370 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

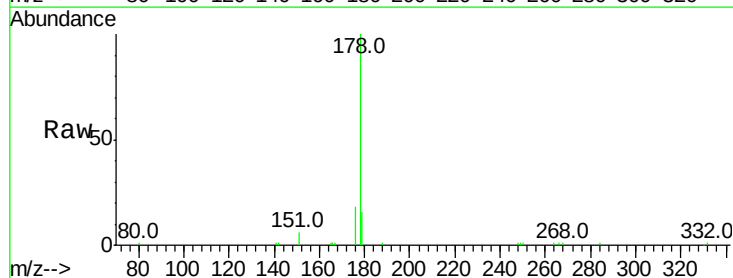
Tgt Ion:178 Resp: 16070

Ion Ratio Lower Upper

178 100

176 18.0 12.8 19.2

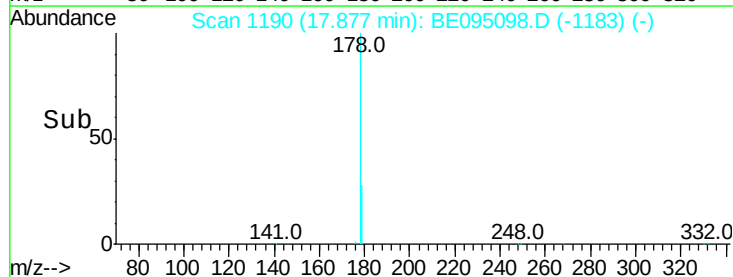
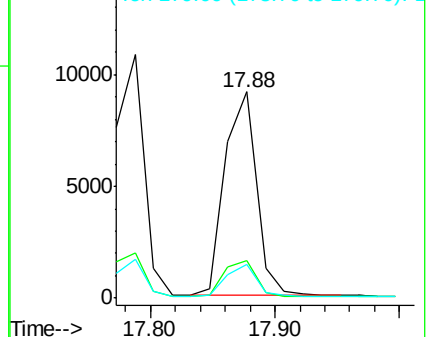
179 15.2 13.0 19.6

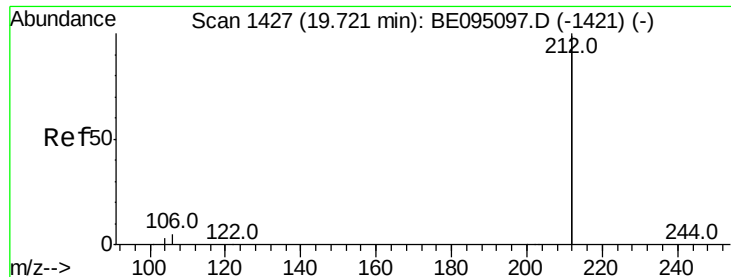


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

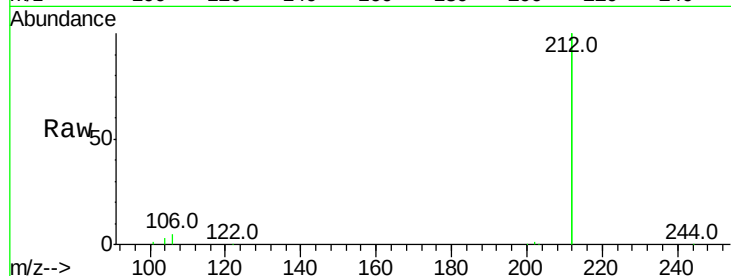
Tot Ion:212 Resp: 75327

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

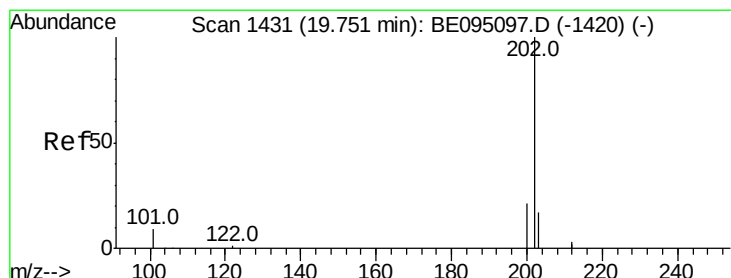
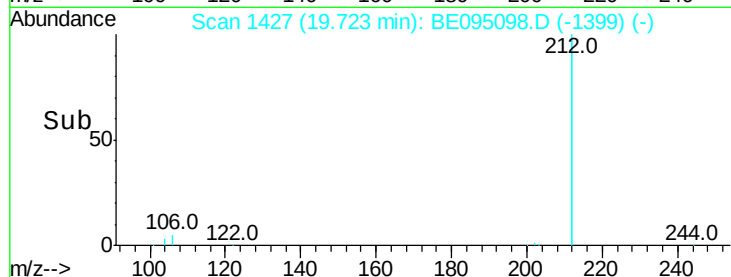
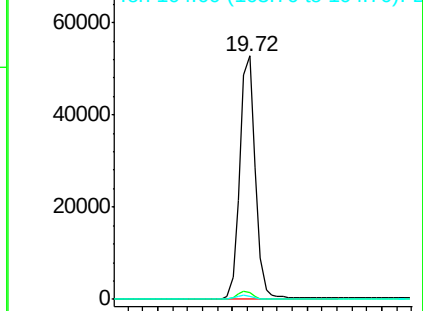
104 1.8 1.6 2.4



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: 0.378 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

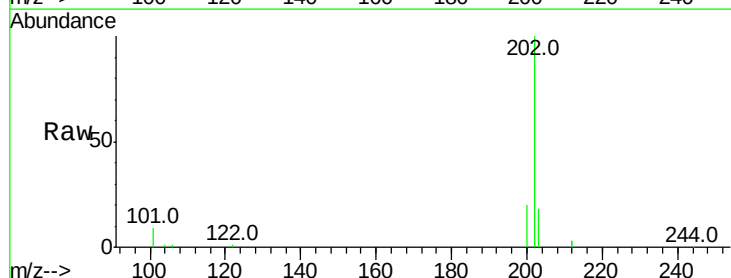
Tgt Ion:202 Resp: 22093

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

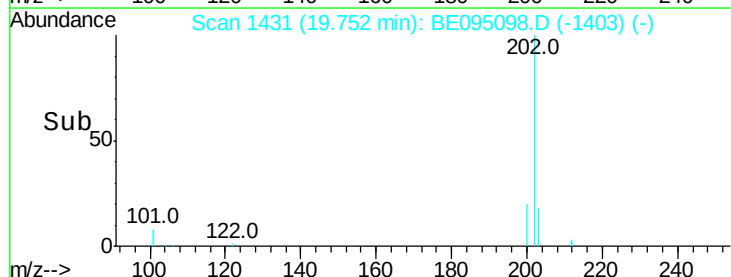
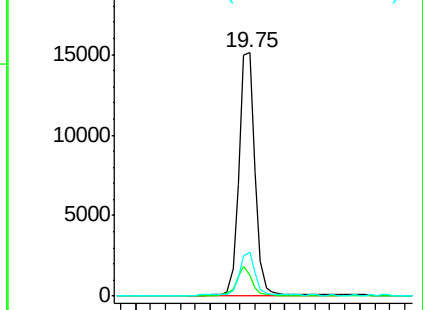
203 16.8 13.7 20.5

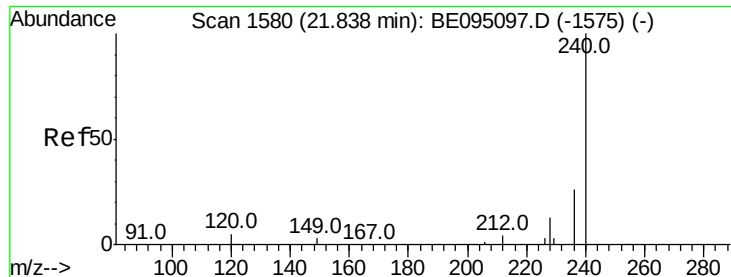


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

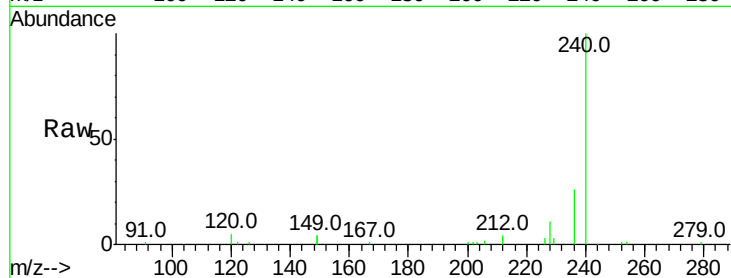
Tot Ion:240 Resp: 16369

Ion Ratio Lower Upper

240 100

120 4.9 5.5 8.3#

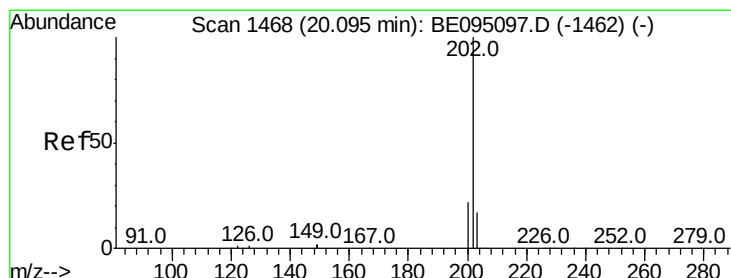
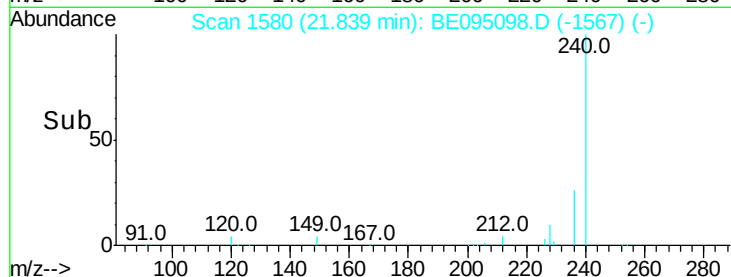
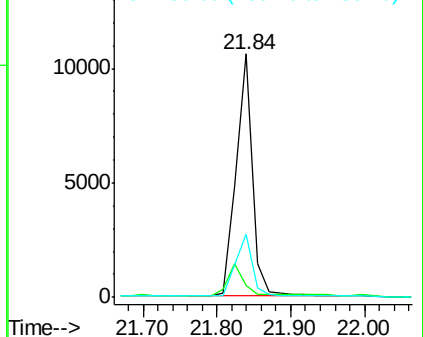
236 26.1 20.7 31.1



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: 0.321 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

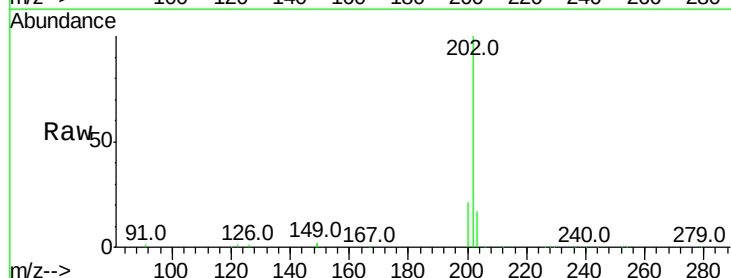
Tgt Ion:202 Resp: 22187

Ion Ratio Lower Upper

202 100

200 22.9 16.6 25.0

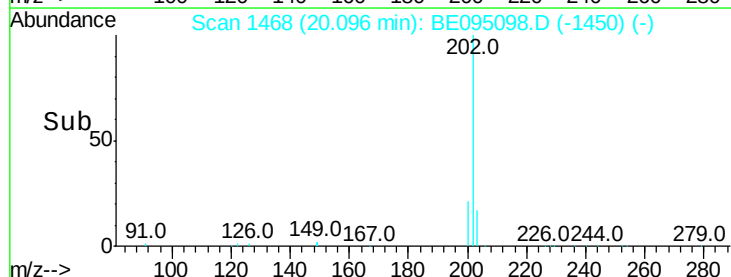
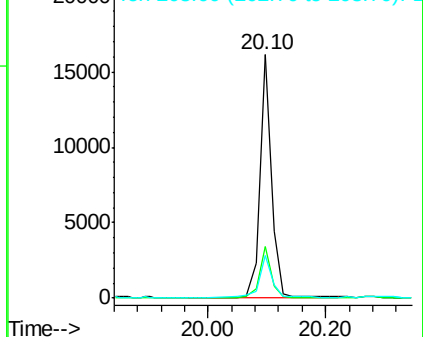
203 19.3 13.8 20.8

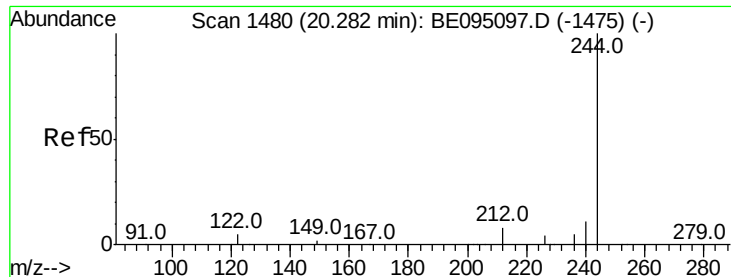


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.439 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

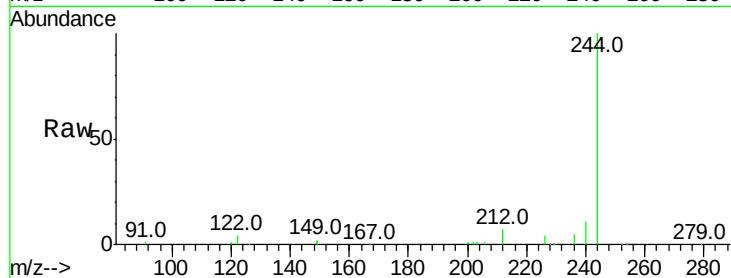
Tot Ion:244 Resp: 14695

Ion Ratio Lower Upper

244 100

212 6.9 25.4 38.0#

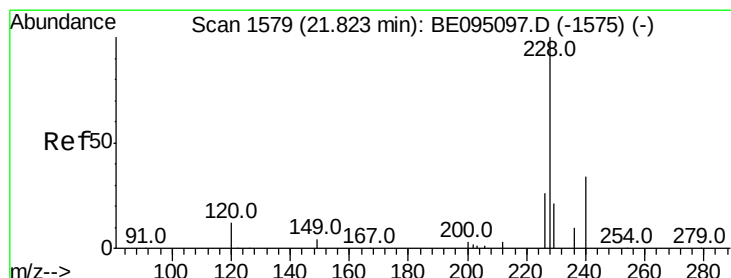
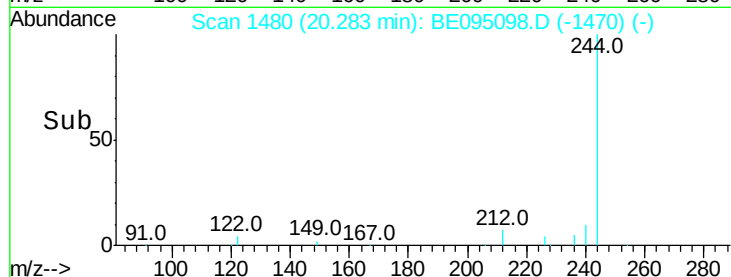
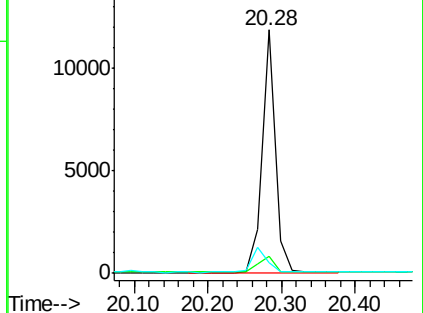
122 4.1 8.1 12.1#



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: 0.357 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

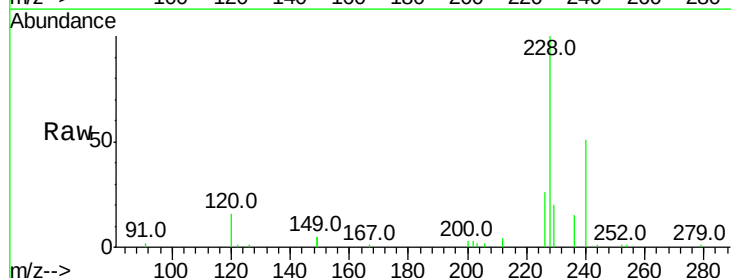
Tgt Ion:228 Resp: 18295

Ion Ratio Lower Upper

228 100

226 26.1 24.0 36.0

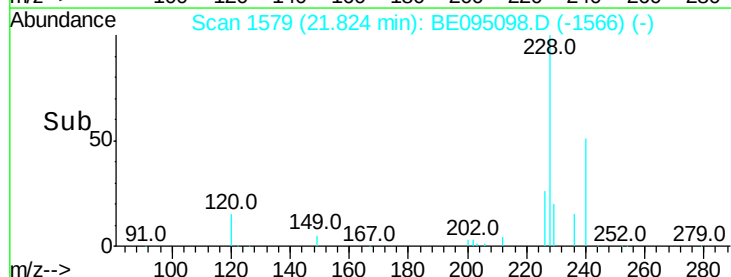
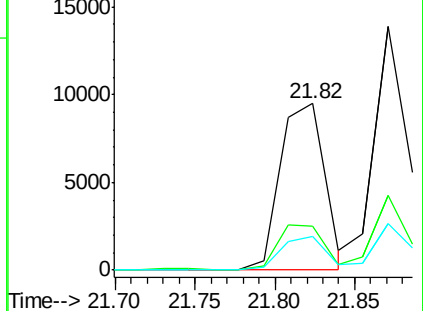
229 20.3 16.0 24.0

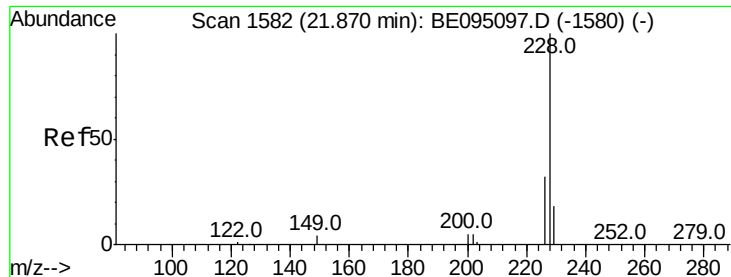


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

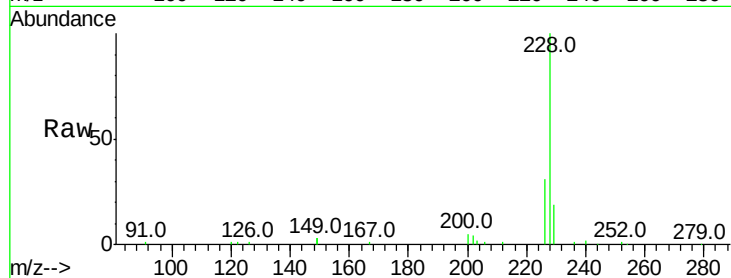
Tot Ion:228 Resp: 20105

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

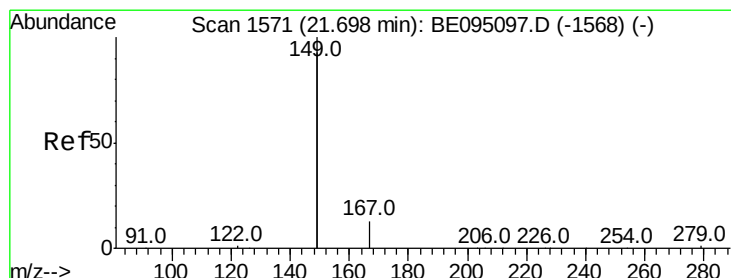
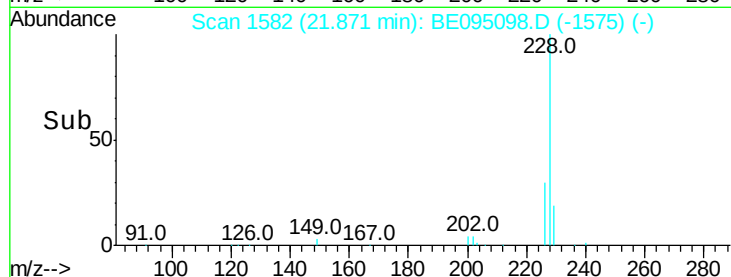
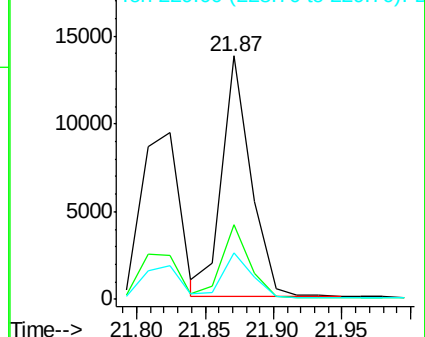
229 19.2 16.0 24.0



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: 0.280 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

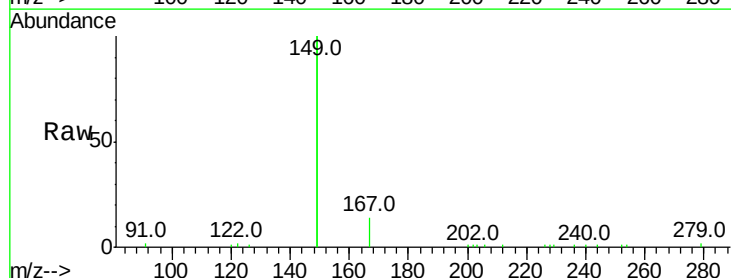
Tgt Ion:149 Resp: 19974

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

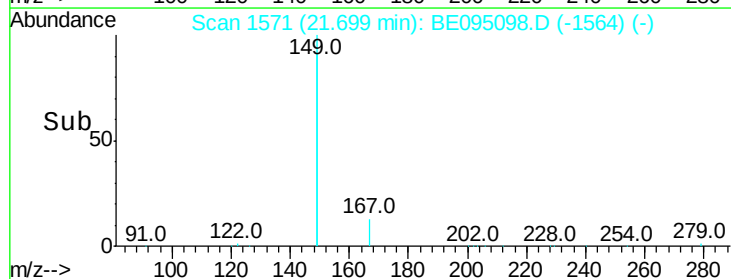
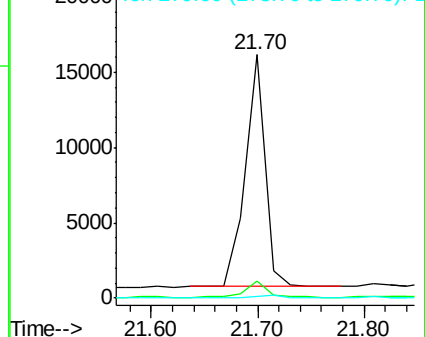
279 0.8 0.7 1.1

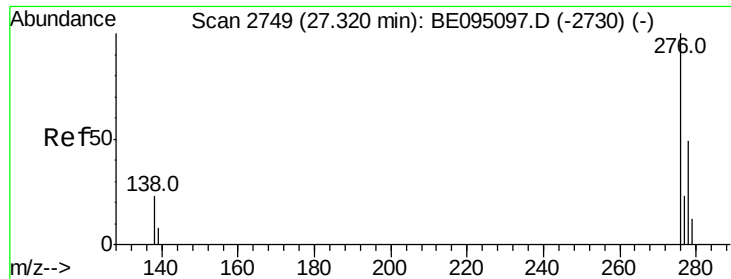


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.359 ng

RT: 27.32 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

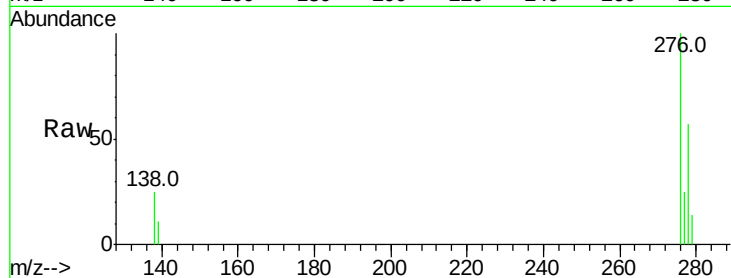
Tot Ion:276 Resp: 16894

Ion Ratio Lower Upper

276 100

138 24.9 22.5 33.7

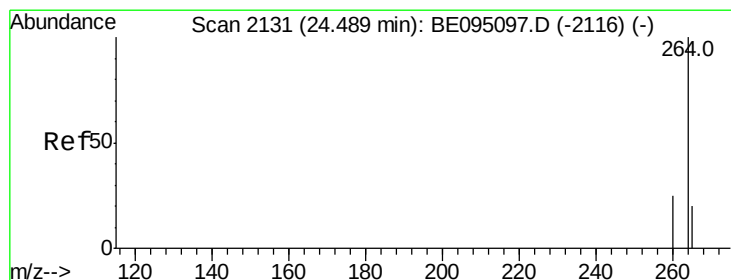
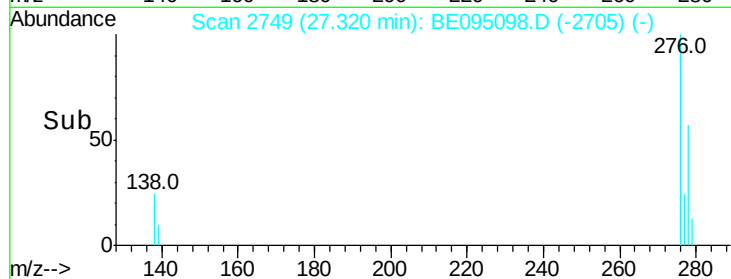
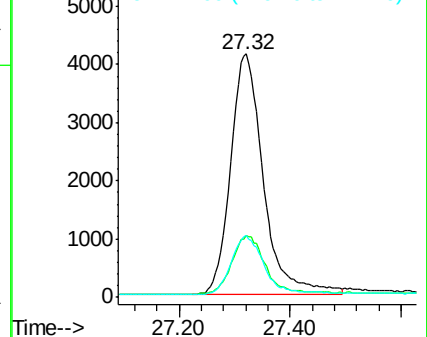
277 24.2 19.9 29.9



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: 24.49 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

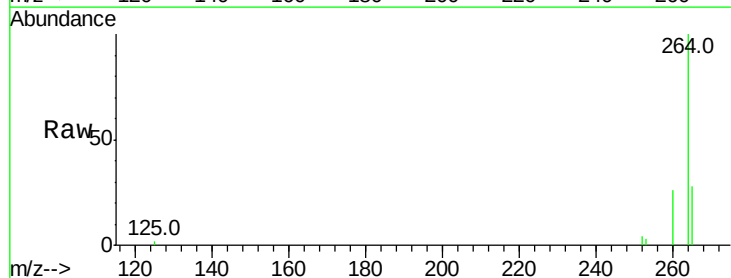
Tgt Ion:264 Resp: 13322

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

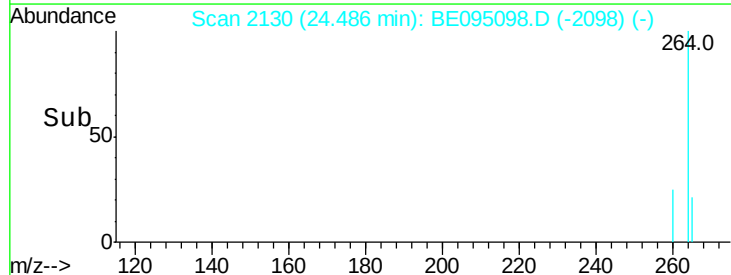
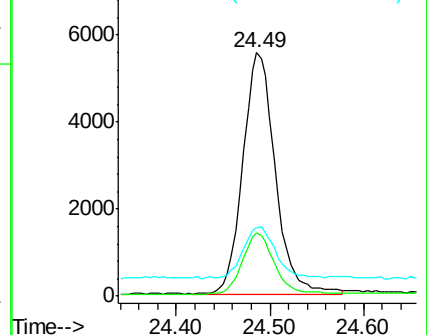
265 28.3 22.8 34.2

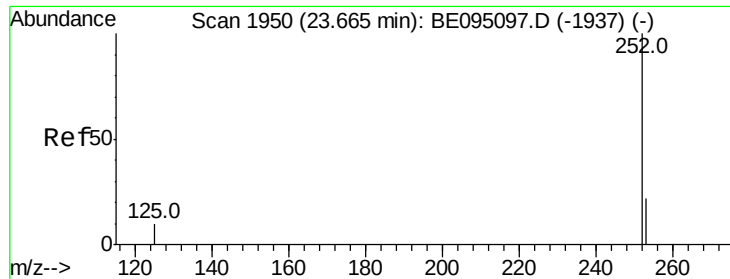


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.378 ng

RT: 23.67 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

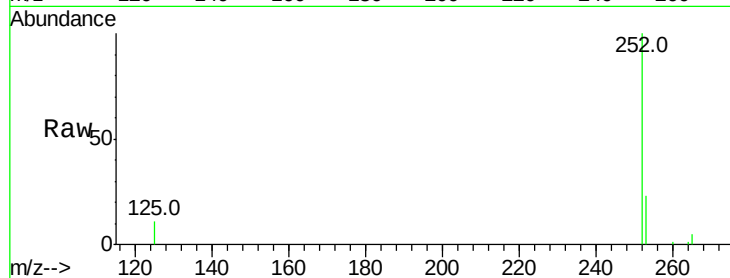
Tot Ion:252 Resp: 17854

Ion Ratio Lower Upper

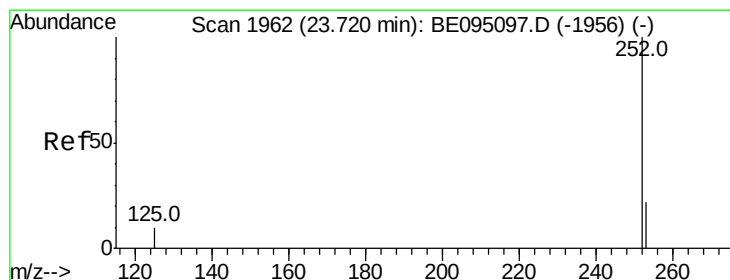
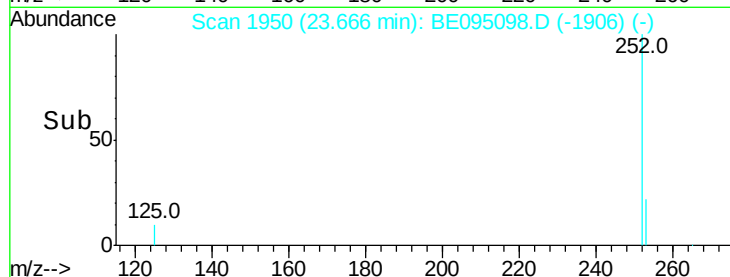
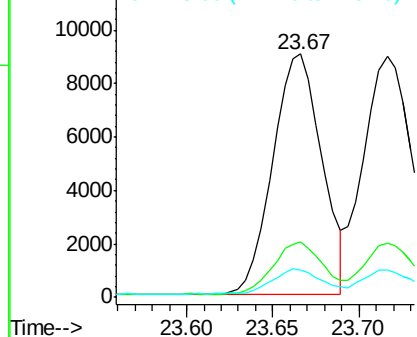
252 100

253 22.6 20.0 30.0

125 11.4 16.0 24.0#



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: 0.378 ng

RT: 23.72 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

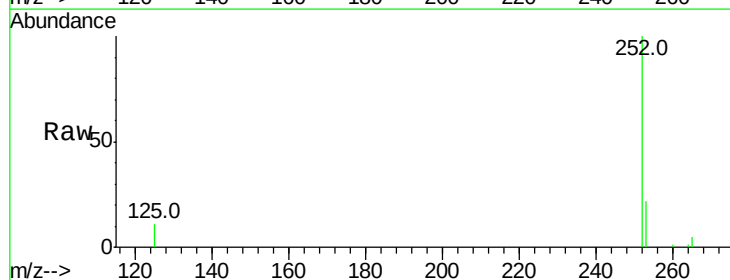
Tgt Ion:252 Resp: 18260

Ion Ratio Lower Upper

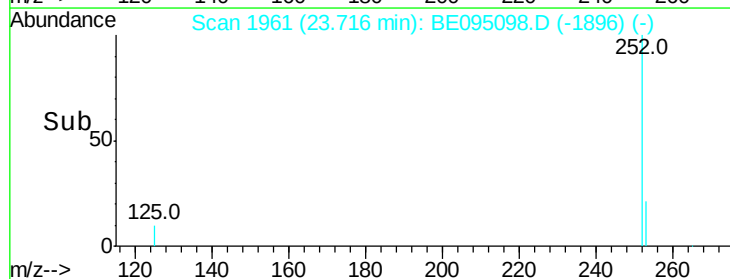
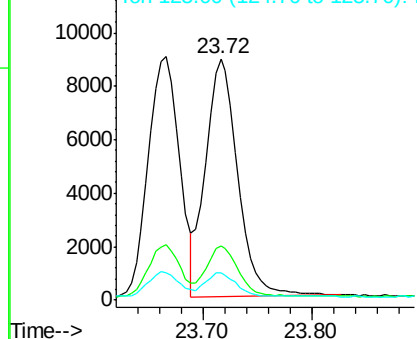
252 100

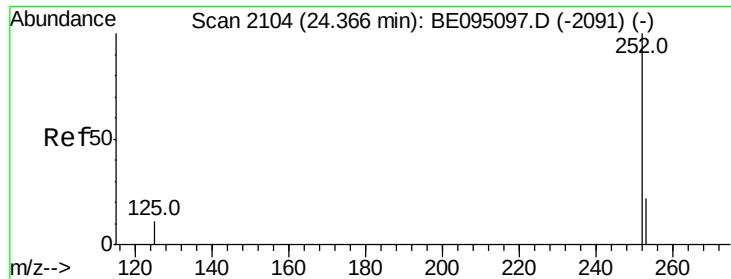
253 22.3 16.0 24.0

125 11.2 8.0 12.0



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

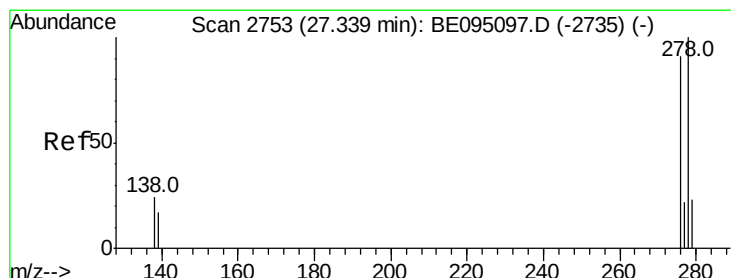
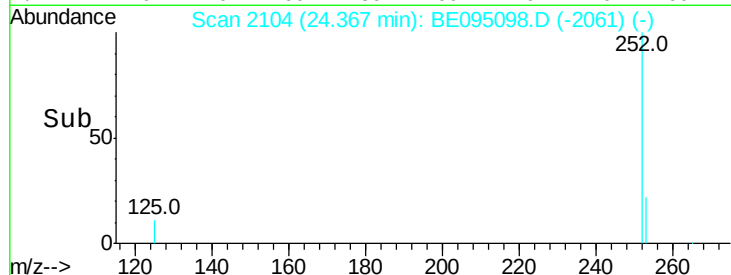
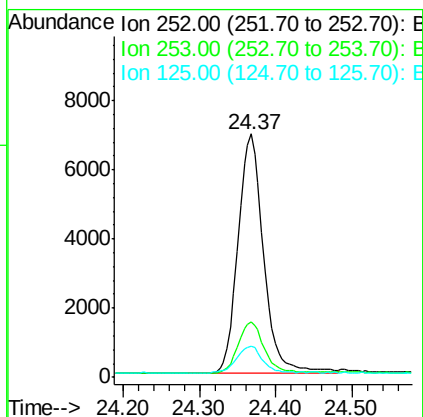
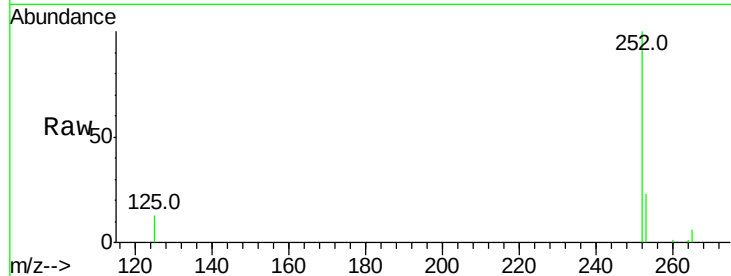




#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.37 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BE095098.D
Acq: 23 Jan 2018 15:39

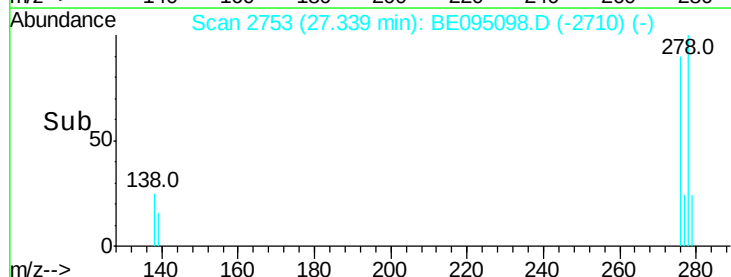
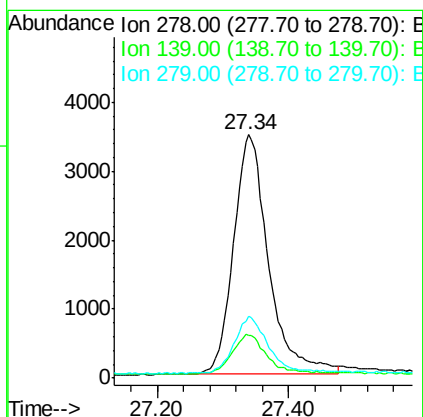
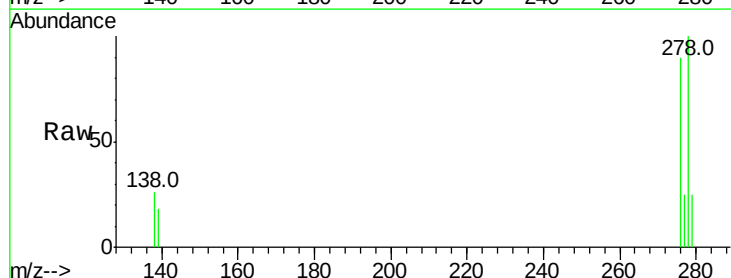
Instrument :
BNA_E
ClientSampleId :
PB105797BS

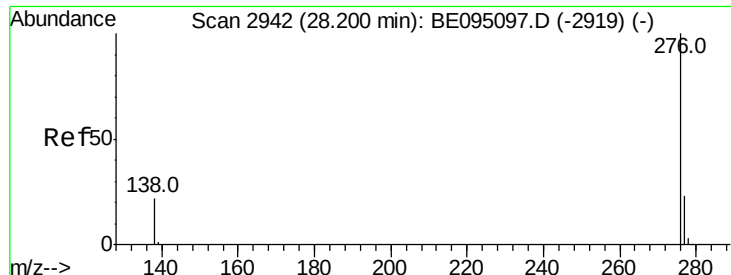
Tot Ion:252 Resp: 16334
Ion Ratio Lower Upper
252 100
253 23.0 16.0 24.0
125 12.8 12.0 18.0



#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 27.34 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE095098.D
Acq: 23 Jan 2018 15:39

Tgt Ion:278 Resp: 12944
Ion Ratio Lower Upper
278 100
139 17.5 16.0 24.0
279 25.2 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.381 ng

RT: 28.19 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE095098.D

Acq: 23 Jan 2018 15:39

Instrument :

BNA_E

ClientSampleId :

PB105797BS

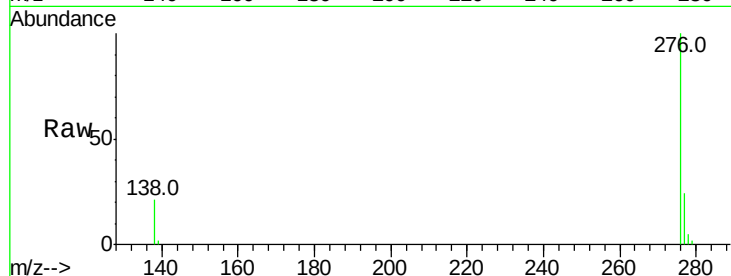
Tot Ion:276 Resp: 15082

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 21.2 20.0 30.0



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

