

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012318\
 Data File : BE095101.D
 Acq On : 23 Jan 2018 17:26
 Operator : SJ/JU
 Sample : J1170-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 24 01:10:11 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	7305	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	17475	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	10070	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	23298	0.40	ng	0.00
27) Chrysene-d12	21.84	240	22560	0.40	ng	0.00
34) Perylene-d12	24.49	264	19895	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	2083	0.18	ng	0.00
5) Phenol-d6	7.58	99	1758	0.10	ng	0.00
8) Nitrobenzene-d5	9.63	82	7143	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	12496	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	1586	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	23178	0.52	ng	0.00
25) Fluoranthene-d10	19.72	212	141092	0.48	ng	0.00
29) Terphenyl-d14	20.28	244	30407	0.66	ng	0.00

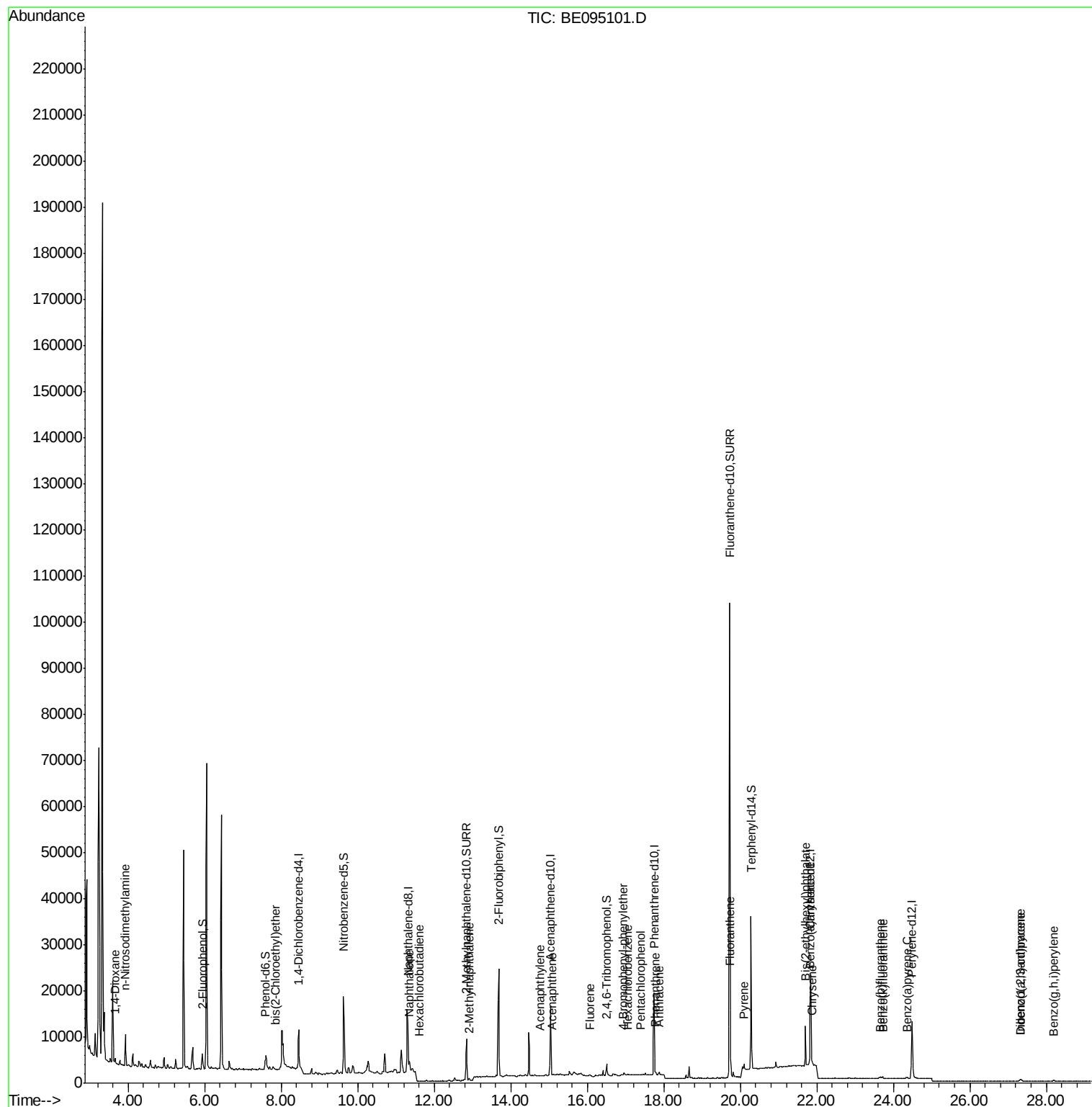
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	795	0.111	ng	# 61
3) n-Nitrosodimethylamine	3.93	42	1138	0.133	ng	# 1
6) bis(2-Chloroethyl)ether	7.86	93	61	0.004	ng	# 57
9) Naphthalene	11.34	128	4275	0.021	ng	# 93
10) Hexachlorobutadiene	11.61	225	34	0.004	ng	# 86
12) 2-Methylnaphthalene	12.91	142	359	0.010	ng	# 77
16) Acenaphthylene	14.76	152	194	0.004	ng	# 73
17) Acenaphthene	15.09	154	130	0.004	ng	# 70
18) Fluorene	16.07	166	284	0.006	ng	# 69
20) 4-Bromophenyl-phenylether	16.94	248	117	0.009	ng	# 10
21) Hexachlorobenzene	17.06	284	100	0.007	ng	# 1
22) Pentachlorophenol	17.40	266	149	0.086	ng	# 88
23) Phenanthrene	17.79	178	753	0.010	ng	# 81
24) Anthracene	17.88	178	935	0.015	ng	# 91
26) Fluoranthene	19.75	202	762	0.009	ng	# 1
28) Pyrene	20.09	202	1178	0.012	ng	# 94
30) Benzo(a)anthracene	21.82	228	693	0.010	ng	# 76
31) Chrysene	21.87	228	565	0.008	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.70	149	10221	0.104	ng	# 97
33) Indeno(1,2,3-cd)pyrene	27.32	276	623	0.010	ng	# 93
35) Benzo(b)fluoranthene	23.66	252	604	0.009	ng	# 45
36) Benzo(k)fluoranthene	23.72	252	547	0.008	ng	# 6
37) Benzo(a)pyrene	24.36	252	469	0.007	ng	# 1
38) Dibenzo(a,h)anthracene	27.33	278	484	0.009	ng	# 29
39) Benzo(g,h,i)perylene	28.19	276	512	0.009	ng	# 46

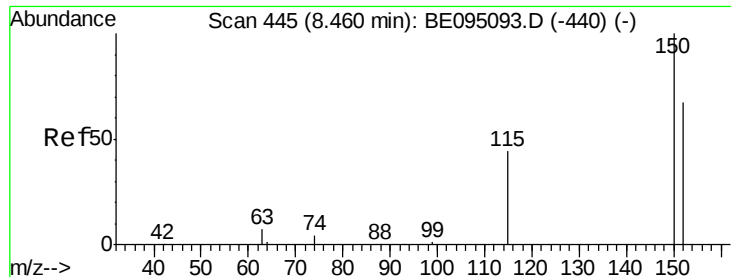
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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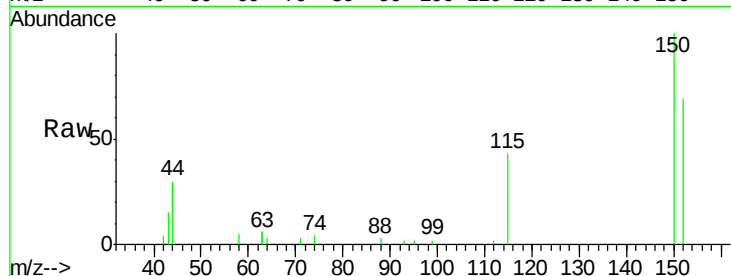


#1

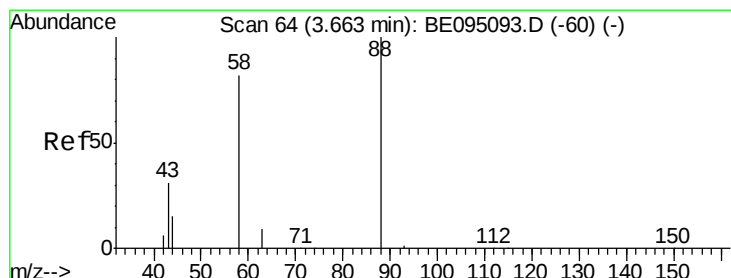
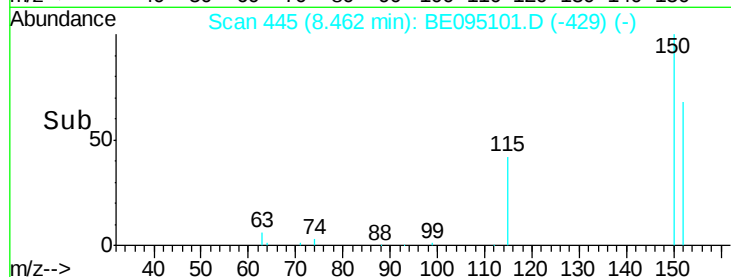
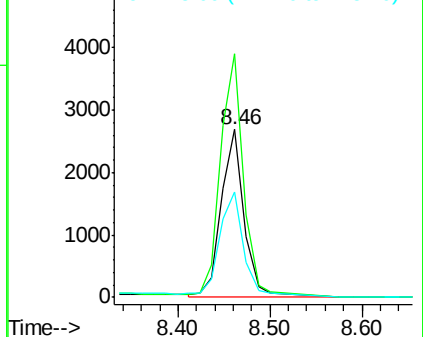
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 7305
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 62.7 57.0 85.6



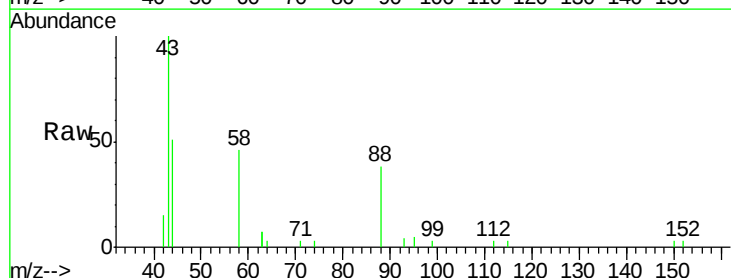
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



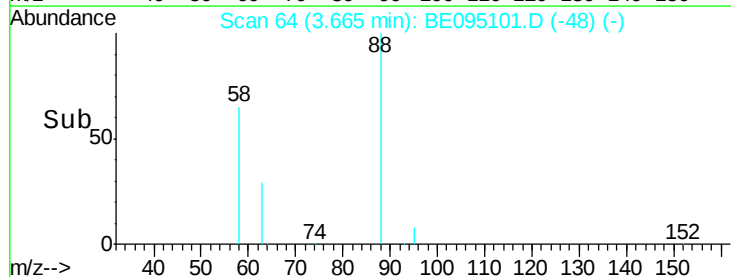
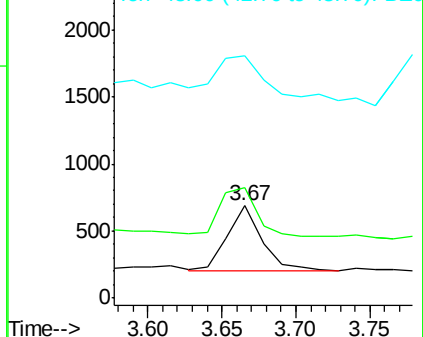
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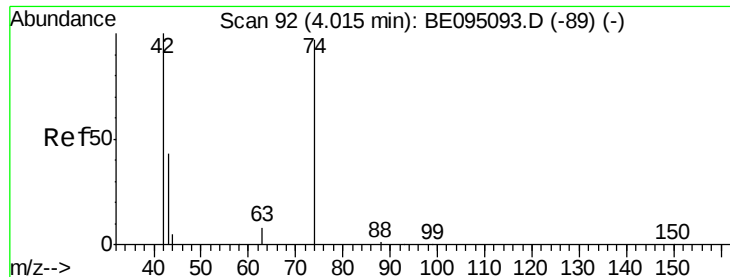
1,4-Dioxane
Concen: 0.111 ng
RT: 3.67 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion: 88 Resp: 795
Ion Ratio Lower Upper
88 100
58 94.0 63.2 94.8
43 101.6 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



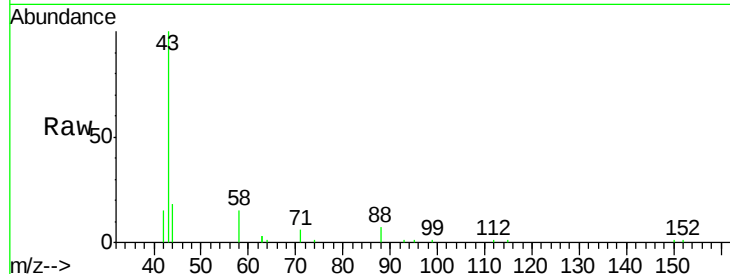


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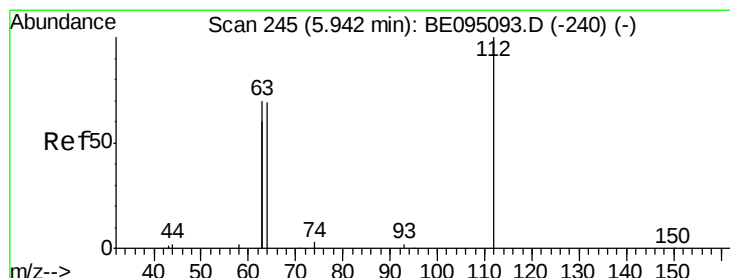
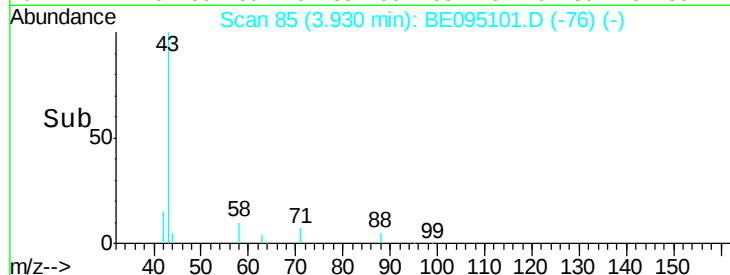
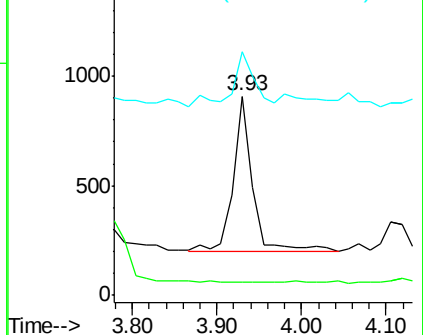
n-Nitrosodimethylamine
 Concen: 0.133 ng
 RT: 3.93 min Scan# 85
 Delta R.T. -0.09 min
 Lab File: BE095101.D
 Acq: 23 Jan 2018 17:26

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 1138
 Ion Ratio Lower Upper
 42 100
 74 1.1 96.0 144.0#
 44 41.7 12.0 18.0#



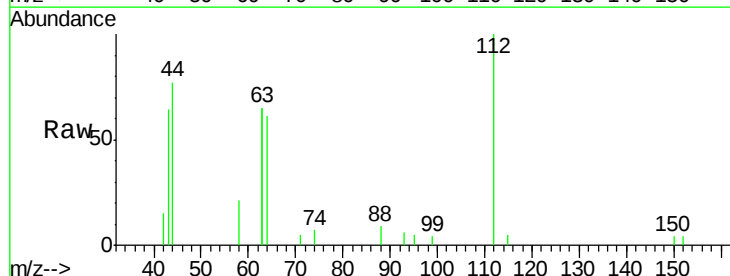
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



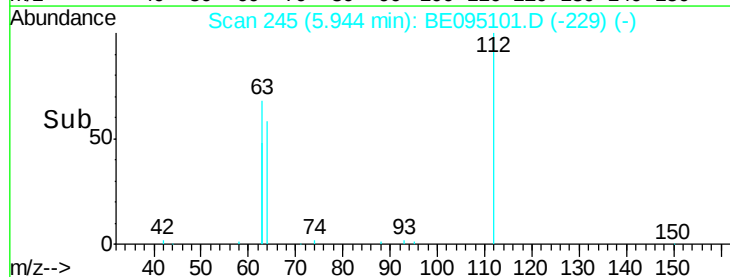
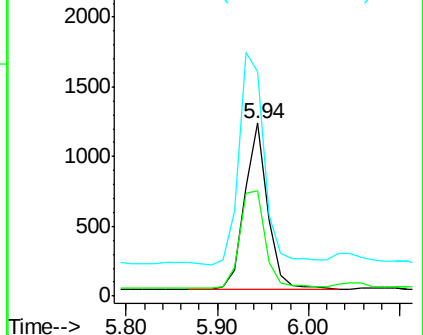
#4

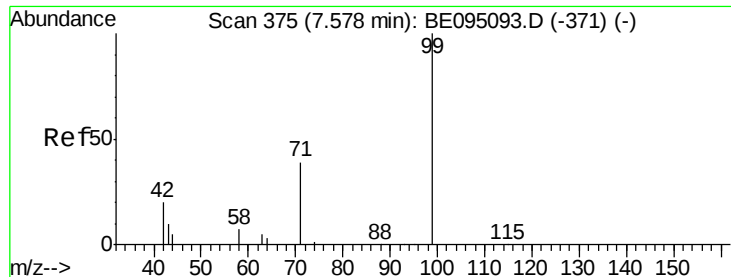
2-Fluorophenol
 Concen: 0.176 ng
 RT: 5.94 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: BE095101.D
 Acq: 23 Jan 2018 17:26

Tgt Ion: 112 Resp: 2083
 Ion Ratio Lower Upper
 112 100
 64 66.4 60.1 90.1
 63 142.2 116.8 175.2



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: 0.098 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

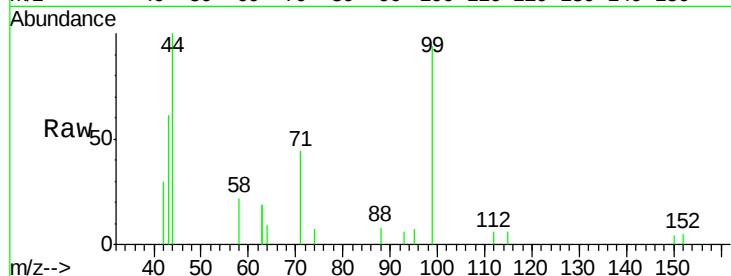
Tot Ion: 99 Resp: 1758

Ion Ratio Lower Upper

99 100

42 30.8 20.2 30.2#

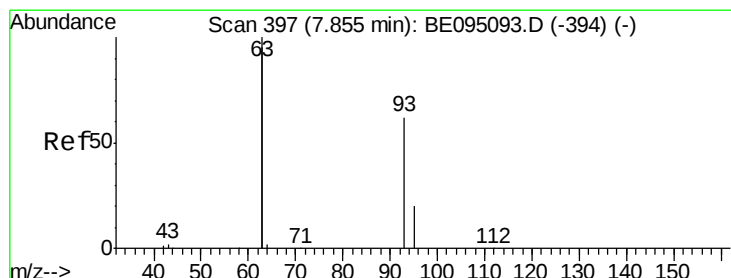
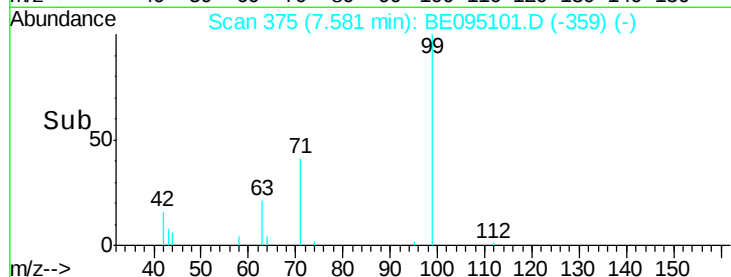
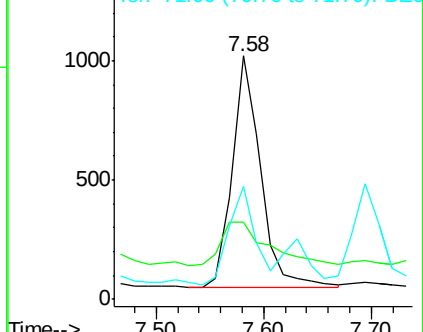
71 40.2 28.4 42.6



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: 0.004 ng

RT: 7.86 min Scan# 397

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

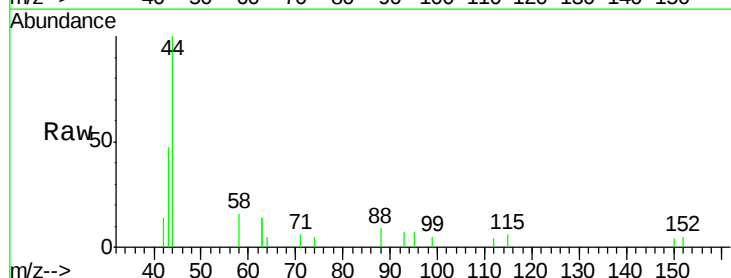
Tgt Ion: 93 Resp: 61

Ion Ratio Lower Upper

93 100

63 267.2 275.3 412.9#

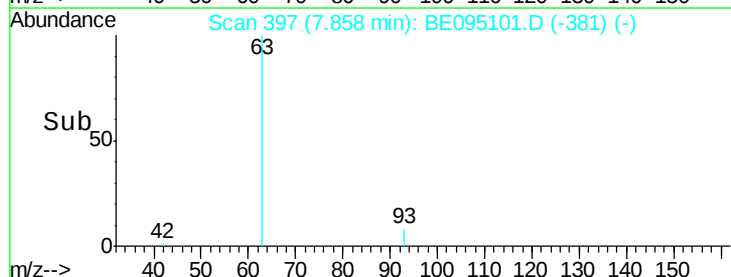
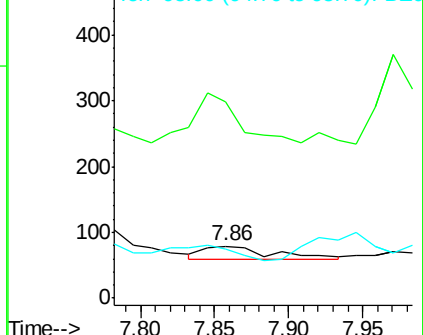
95 101.6 25.2 37.8#

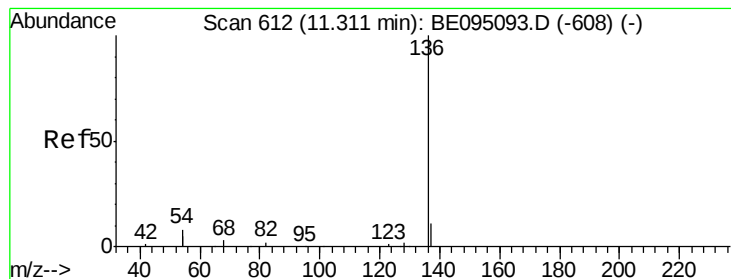


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17475

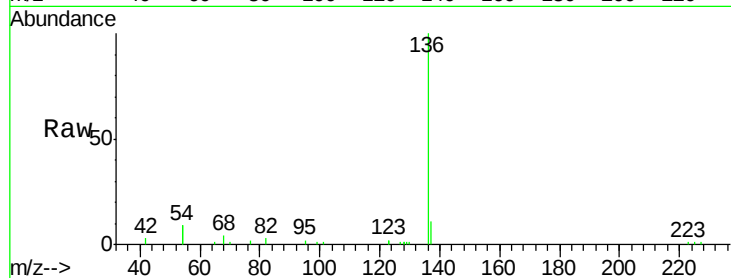
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 17.1 29.1 43.7#

68 4.5 6.2 9.2#

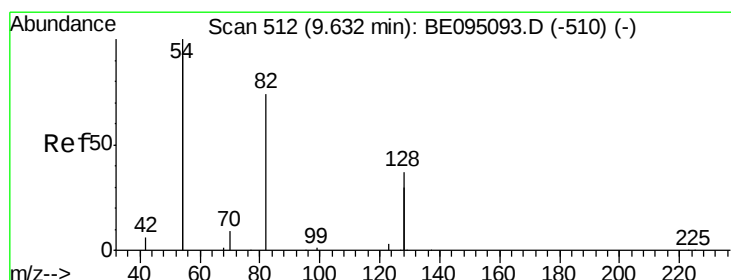
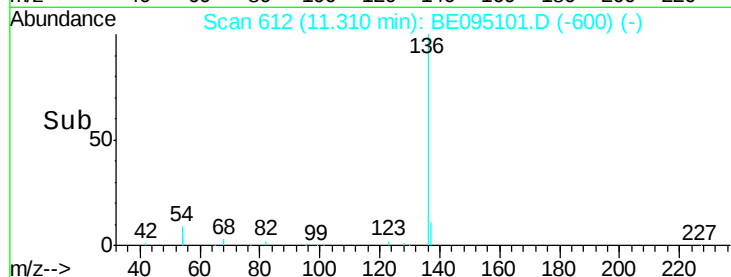
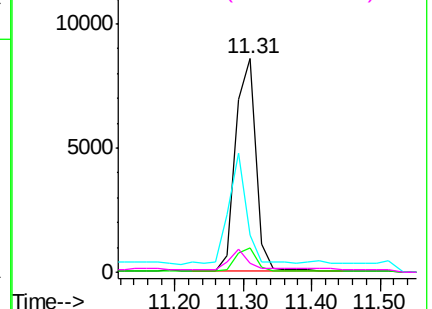


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.449 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

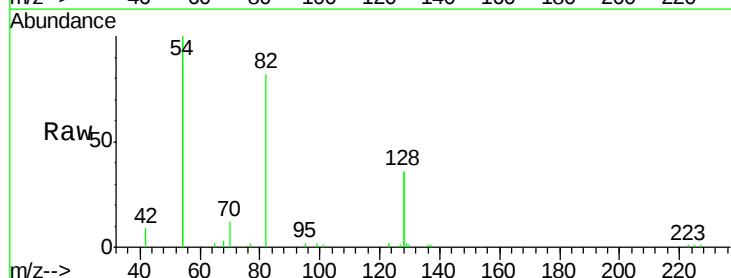
Tgt Ion: 82 Resp: 7143

Ion Ratio Lower Upper

82 100

128 88.1 150.0 225.0#

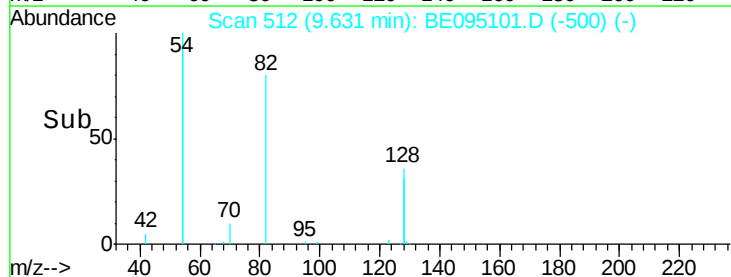
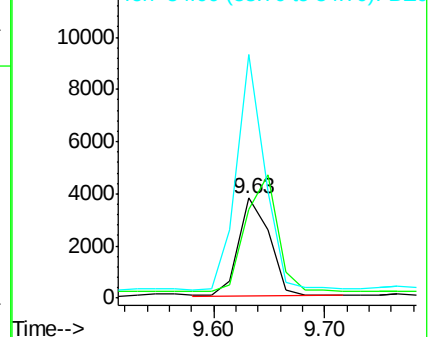
54 242.9 154.2 231.4#

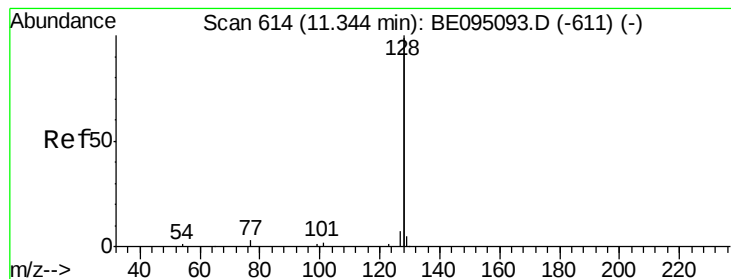


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.021 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

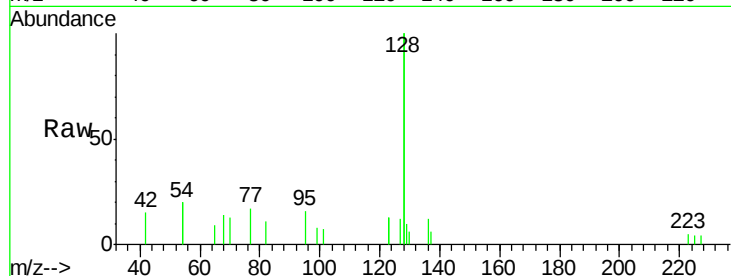
Tot Ion:128 Resp: 4275

Ion Ratio Lower Upper

128 100

129 4.9 2.6 3.8#

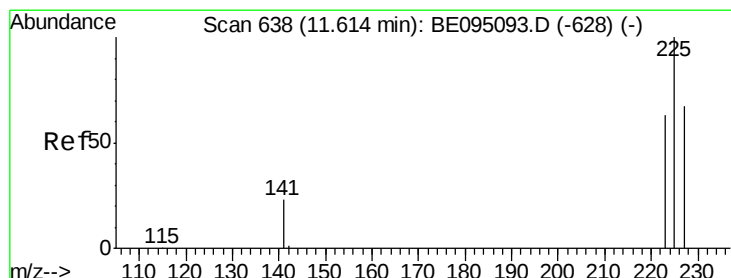
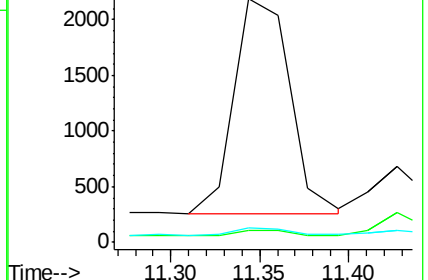
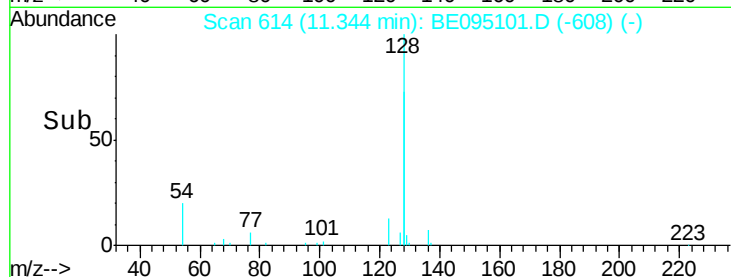
127 6.1 2.8 4.2#



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: 0.004 ng

RT: 11.61 min Scan# 638

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

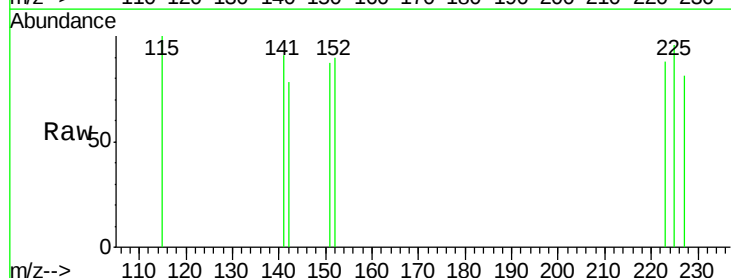
Tgt Ion:225 Resp: 34

Ion Ratio Lower Upper

225 100

223 88.2 53.0 79.6#

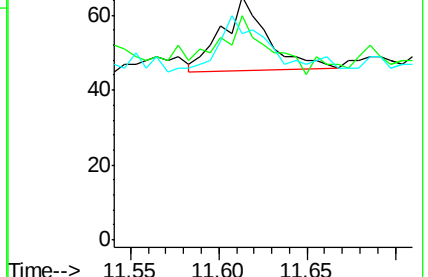
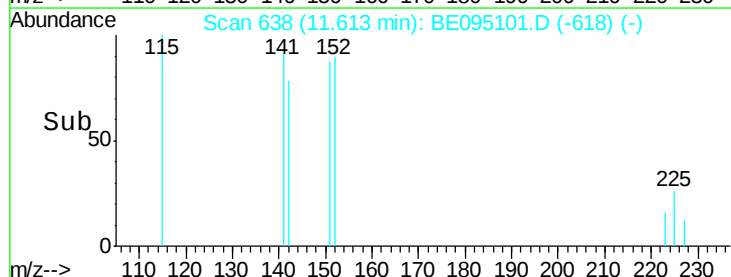
227 64.7 51.4 77.2

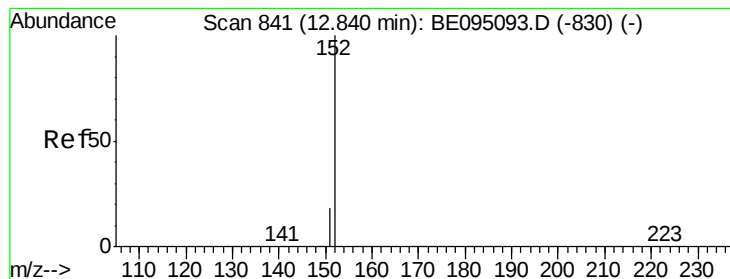


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.431 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

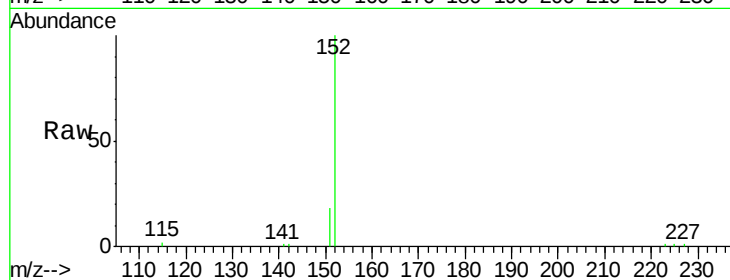
ClientSampleId :

Tot Ion:152 Resp: 12496

Ion Ratio Lower Upper

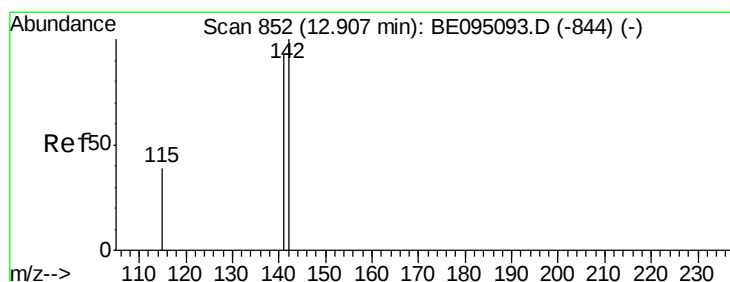
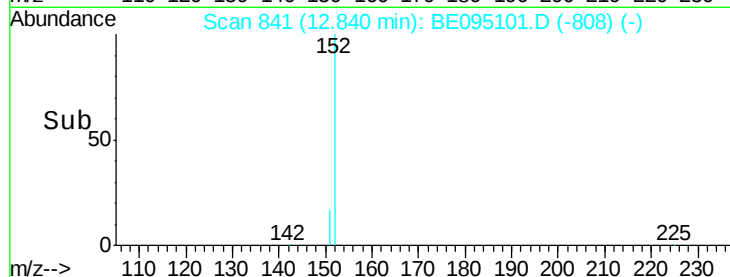
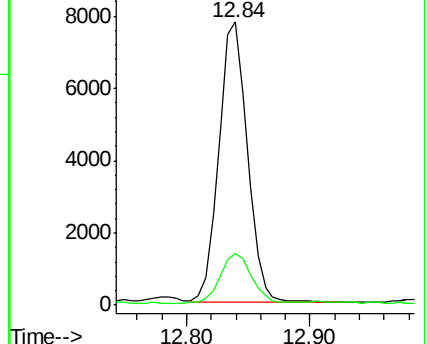
152 100

151 19.2 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: 0.010 ng

RT: 12.91 min Scan# 853

Delta R.T. 0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

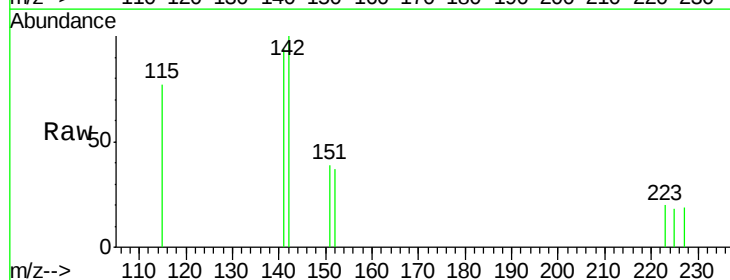
Tgt Ion:142 Resp: 359

Ion Ratio Lower Upper

142 100

141 94.1 70.4 105.6

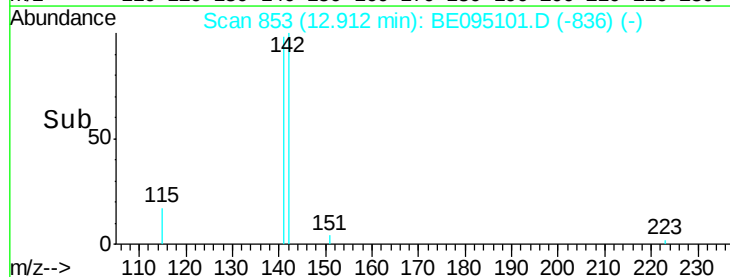
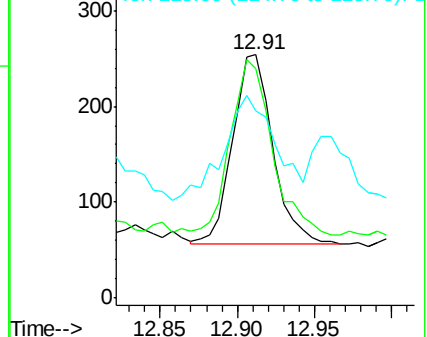
115 76.8 31.7 47.5#

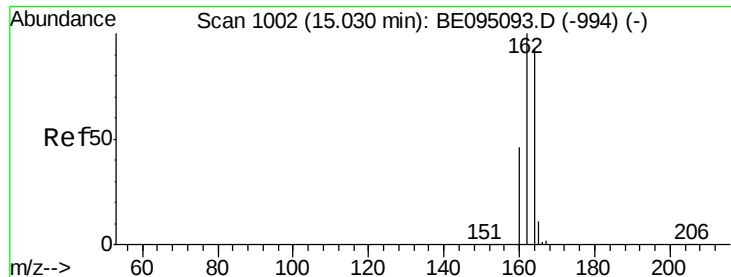


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

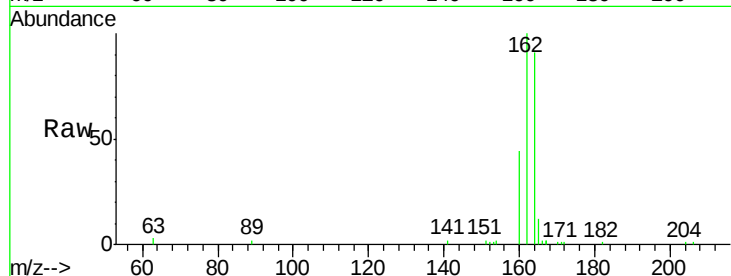
Tot Ion:164 Resp: 10070

Ion Ratio Lower Upper

164 100

162 110.2 83.1 124.7

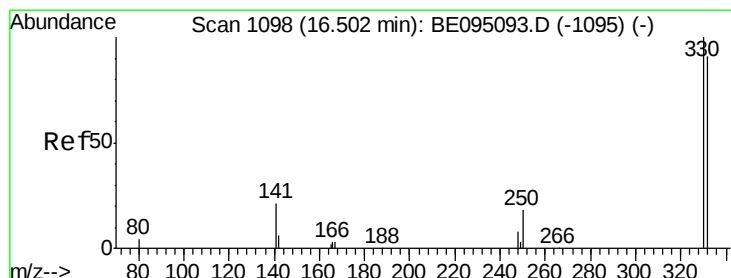
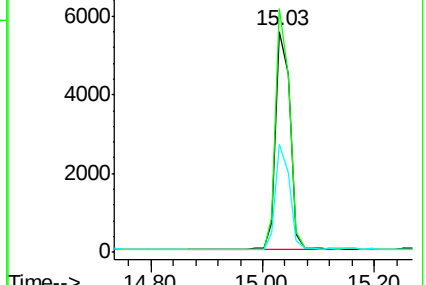
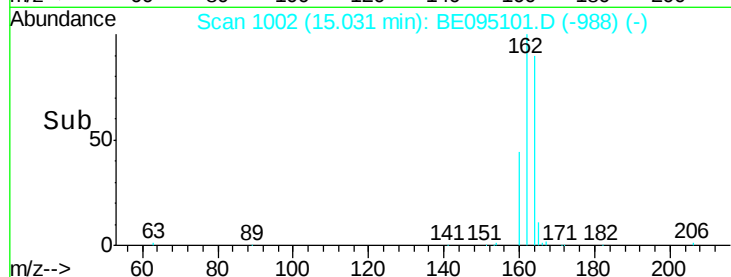
160 48.9 37.1 55.7



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: 0.560 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

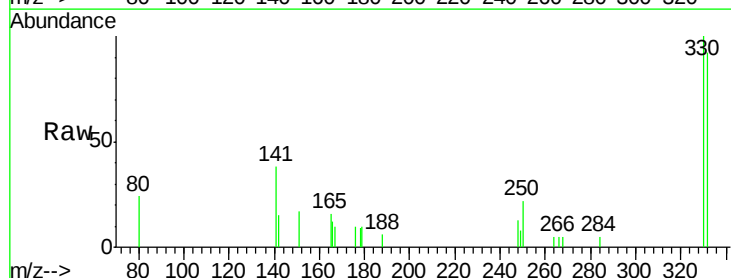
Tgt Ion:330 Resp: 1586

Ion Ratio Lower Upper

330 100

332 93.2 152.7 229.1#

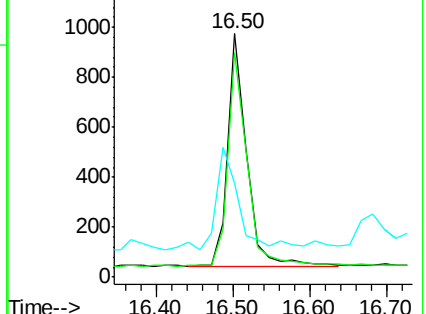
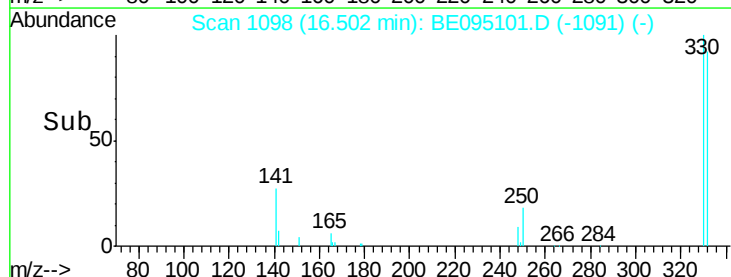
141 49.3 33.7 50.5

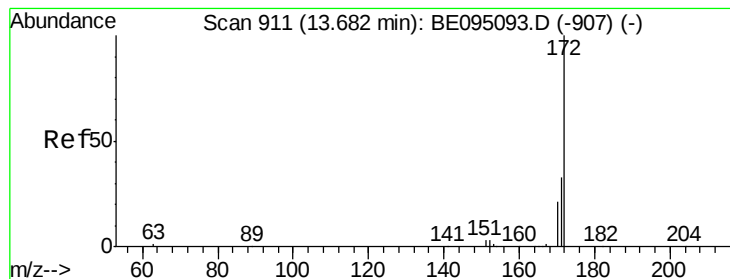


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.524 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

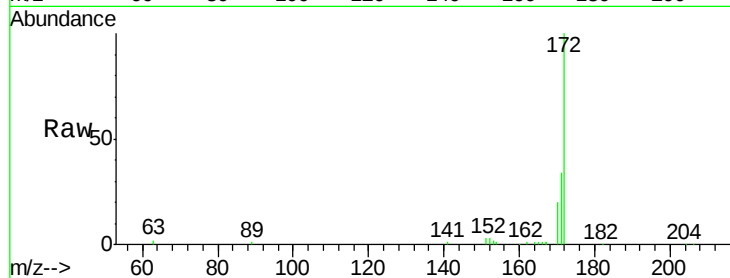
Tot Ion:172 Resp: 23178

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

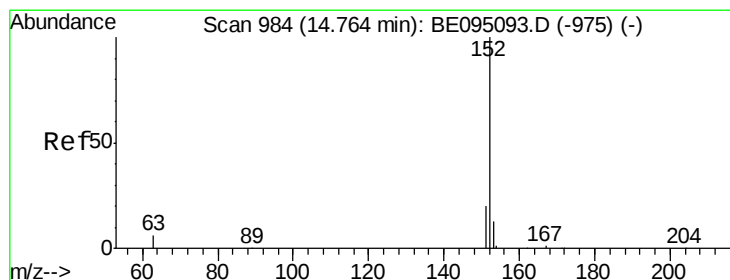
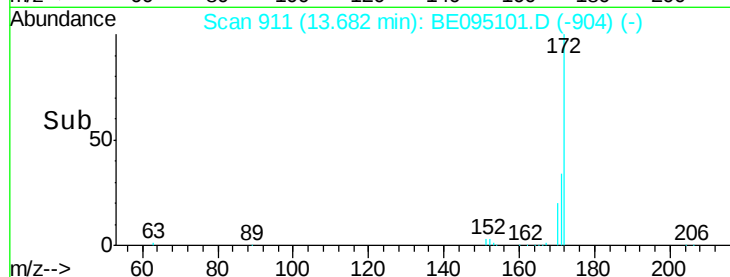
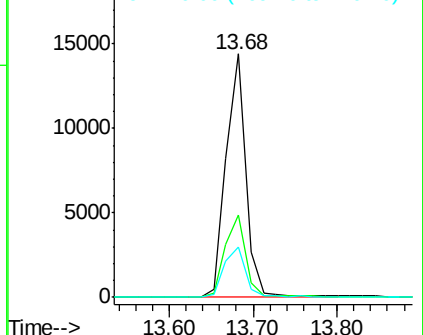
170 20.5 21.8 32.8#



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: 0.004 ng

RT: 14.76 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

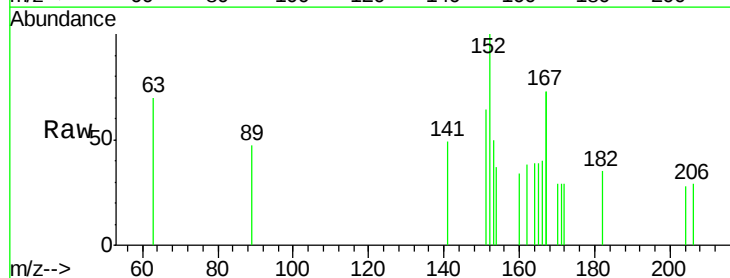
Tgt Ion:152 Resp: 194

Ion Ratio Lower Upper

152 100

151 30.4 15.7 23.5#

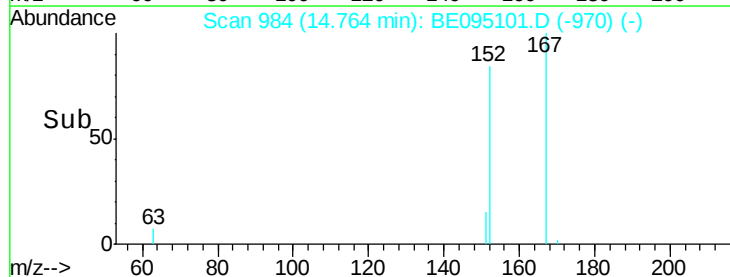
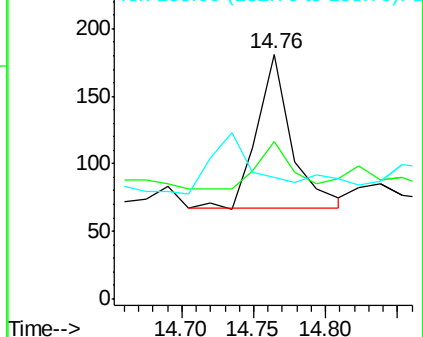
153 0.0 10.5 15.7#

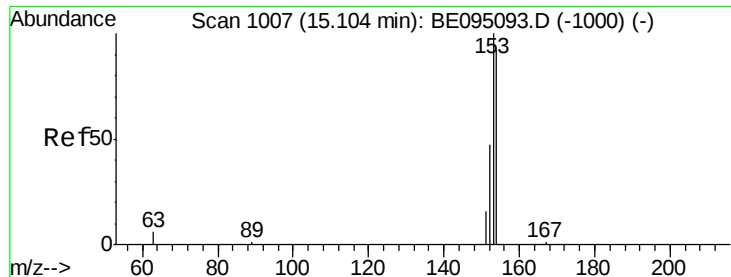


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.004 ng

RT: 15.09 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampled :

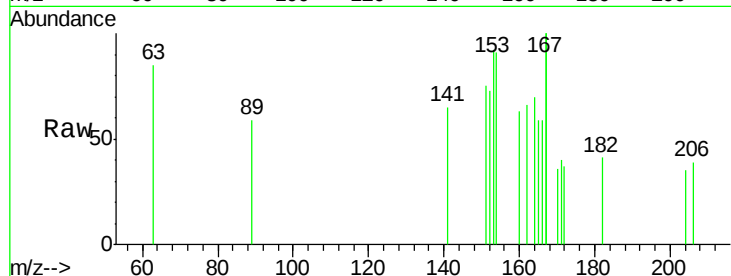
Tot Ion:154 Resp: 130

Ion Ratio Lower Upper

154 100

153 81.5 89.2 133.8#

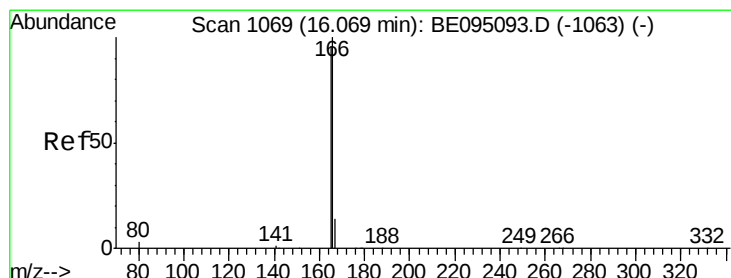
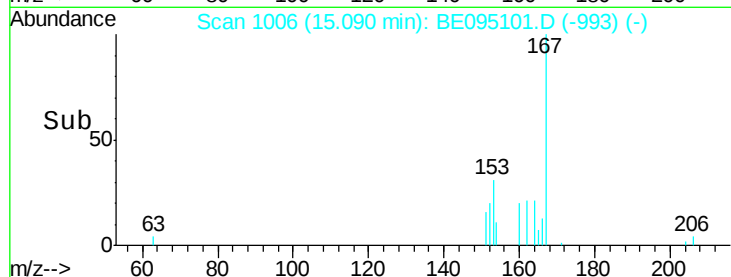
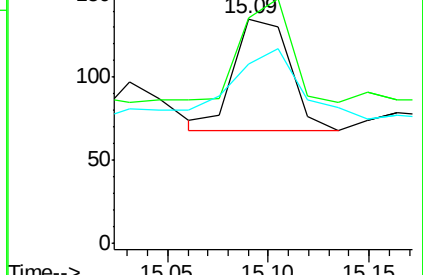
152 76.9 42.0 63.0#



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: 0.006 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

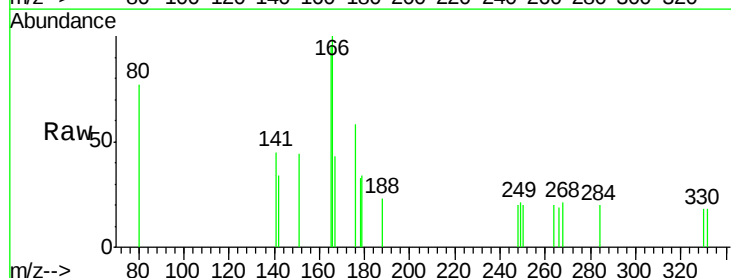
Tgt Ion:166 Resp: 284

Ion Ratio Lower Upper

166 100

165 122.5 77.8 116.6#

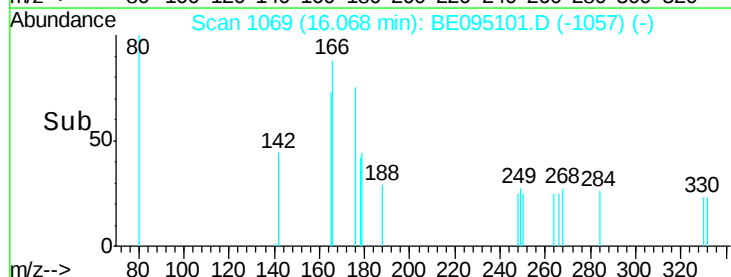
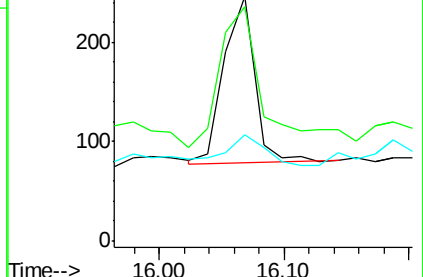
167 24.6 42.4 63.6#

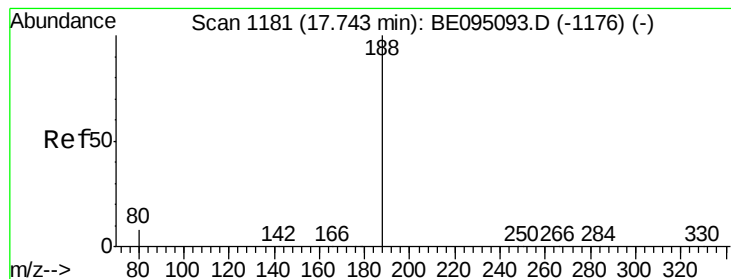


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

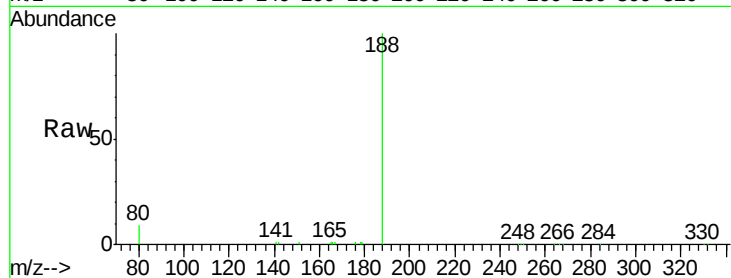
Tot Ion:188 Resp: 23298

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

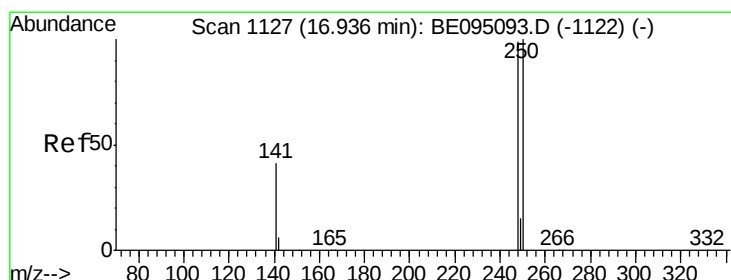
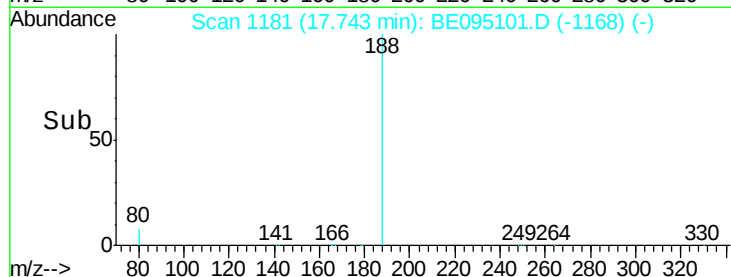
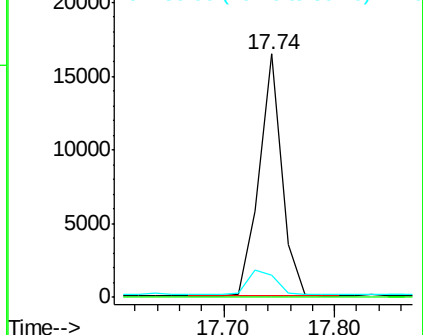
80 9.0 3.6 5.4#



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: 0.009 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

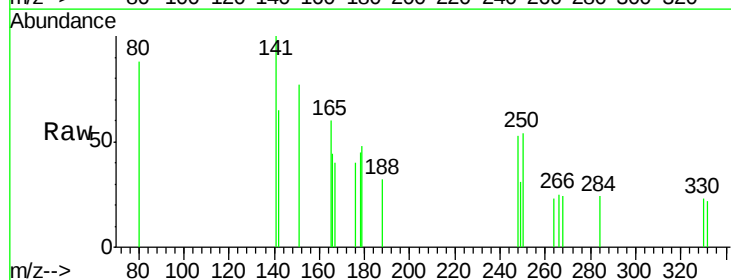
Tgt Ion:248 Resp: 117

Ion Ratio Lower Upper

248 100

250 102.8 62.7 94.1#

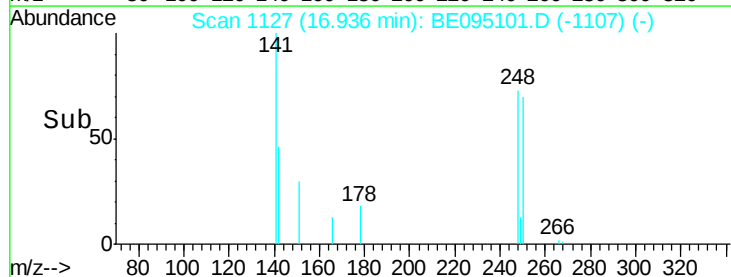
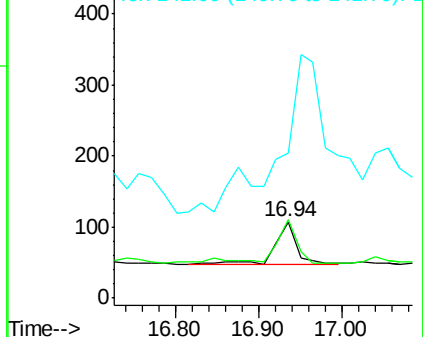
141 189.8 48.2 72.2#

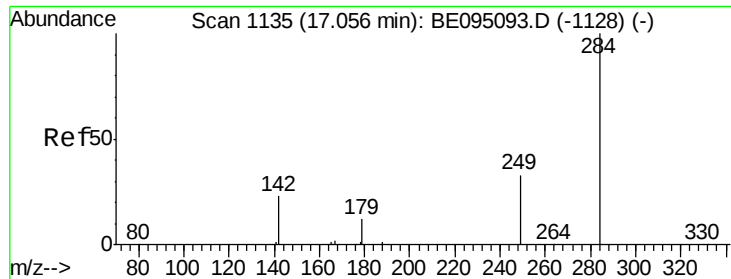


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.007 ng

RT: 17.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampled :

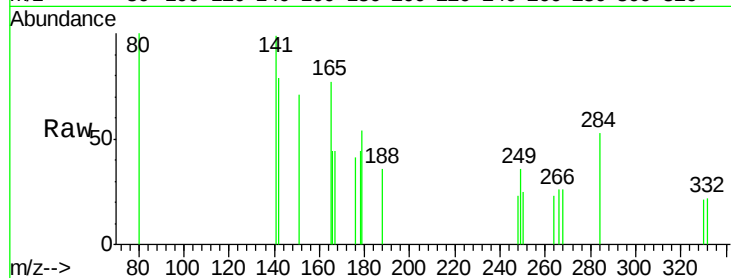
Tot Ion:284 Resp: 100

Ion Ratio Lower Upper

284 100

142 170.0 22.1 33.1#

249 39.0 34.8 52.2

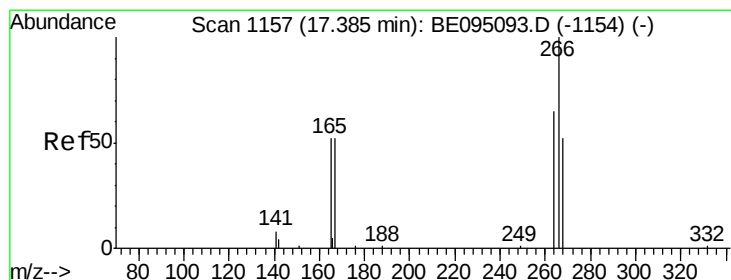
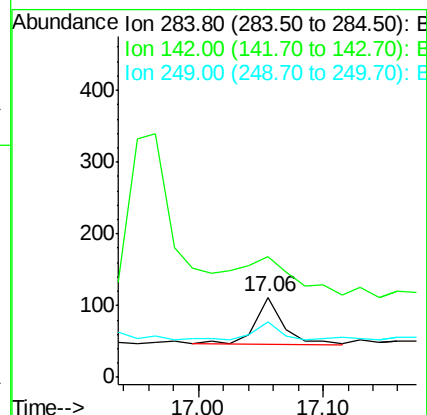
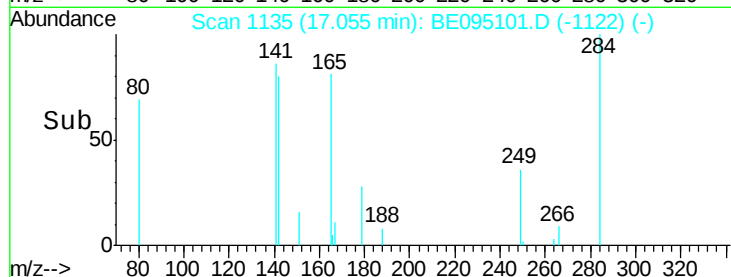


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



#22

Pentachlorophenol

Concen: 0.086 ng

RT: 17.40 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

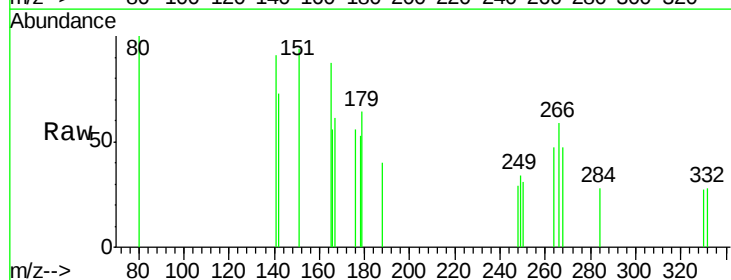
Tgt Ion:266 Resp: 149

Ion Ratio Lower Upper

266 100

264 80.4 72.5 108.7

268 79.4 73.8 110.6

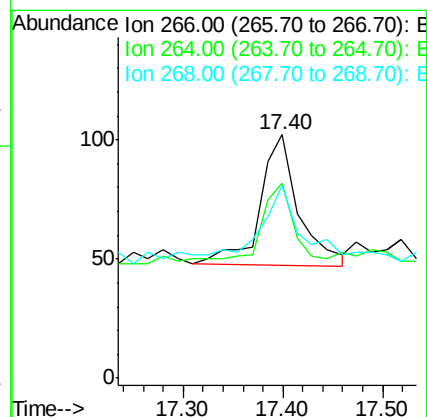
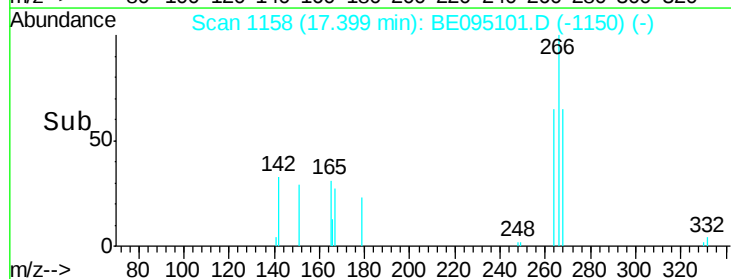


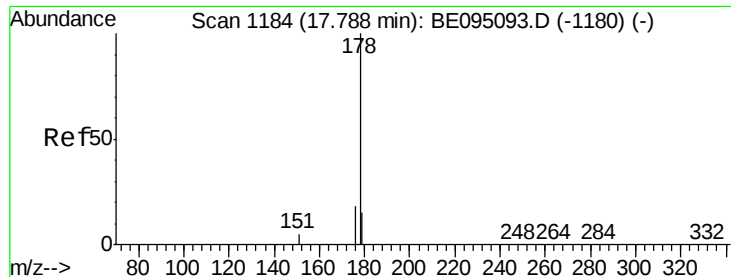
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->





#23

Phenanthrene

Concen: 0.010 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

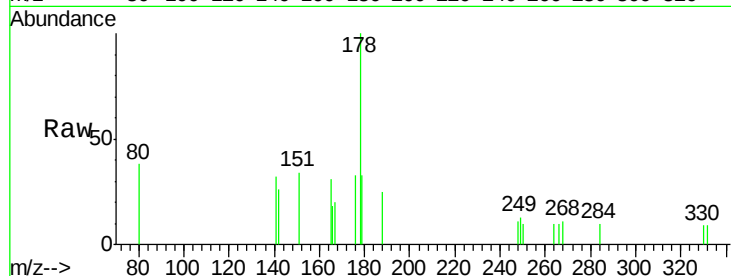
Tot Ion:178 Resp: 753

Ion Ratio Lower Upper

178 100

176 30.5 15.1 22.7#

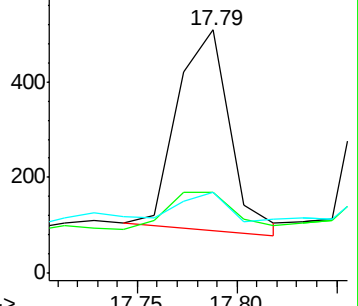
179 10.6 11.8 17.6#



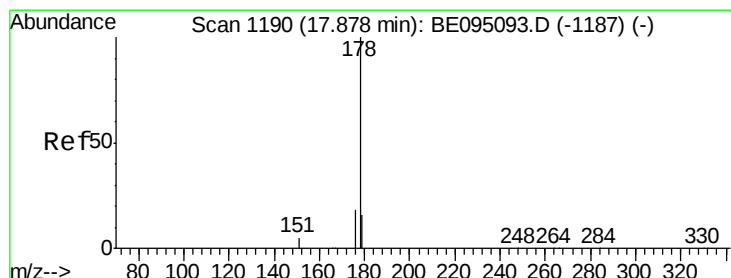
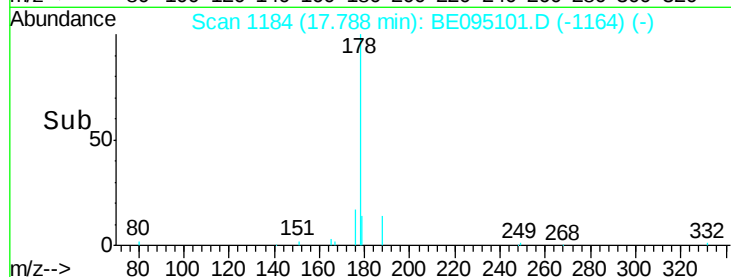
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.015 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

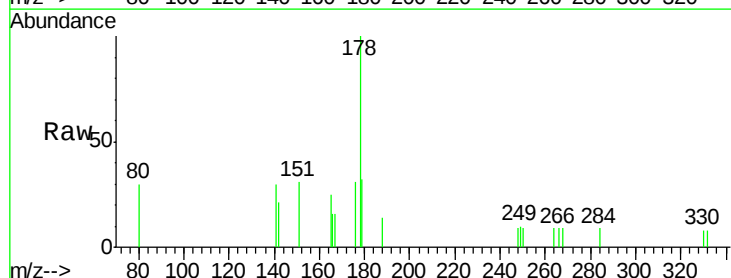
Tgt Ion:178 Resp: 935

Ion Ratio Lower Upper

178 100

176 22.0 12.8 19.2#

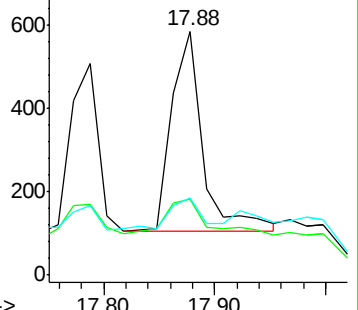
179 14.8 13.0 19.6



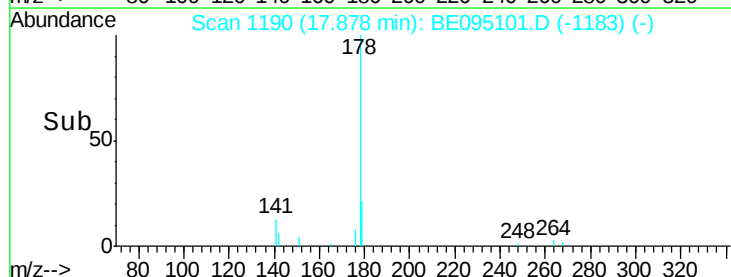
Abundance Ion 178.00 (177.70 to 178.70): E

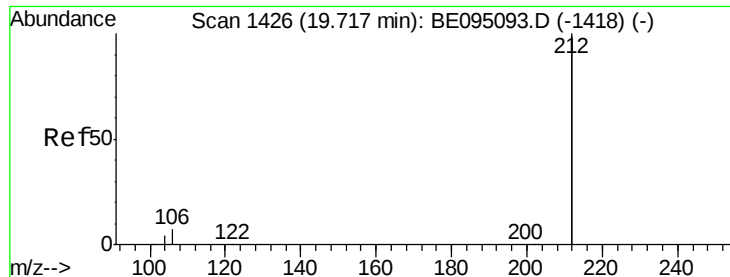
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.481 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampled :

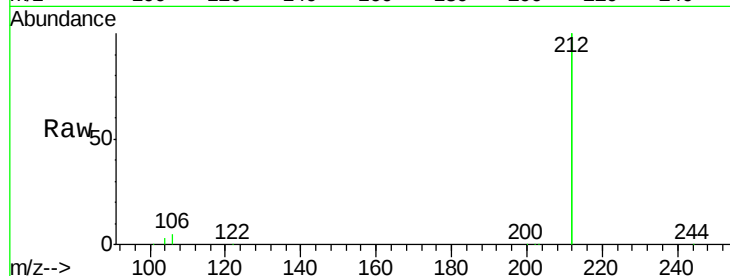
Tot Ion:212 Resp: 141092

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

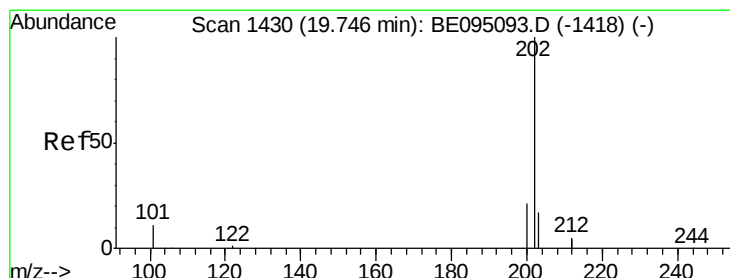
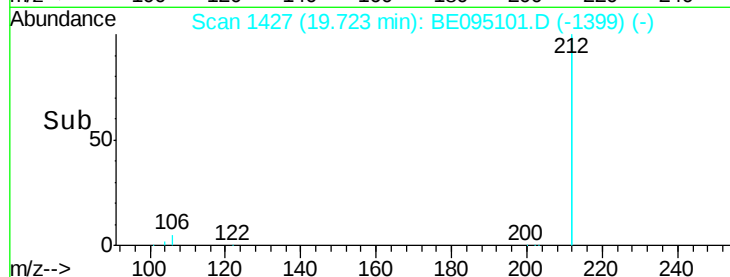
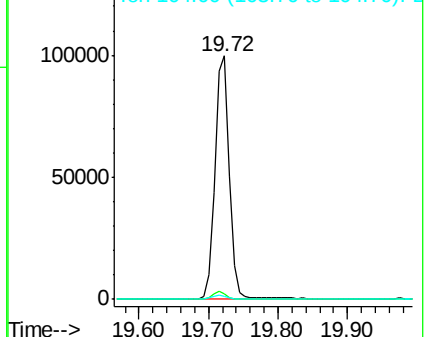
104 1.8 1.6 2.4



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: 0.009 ng

RT: 19.75 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

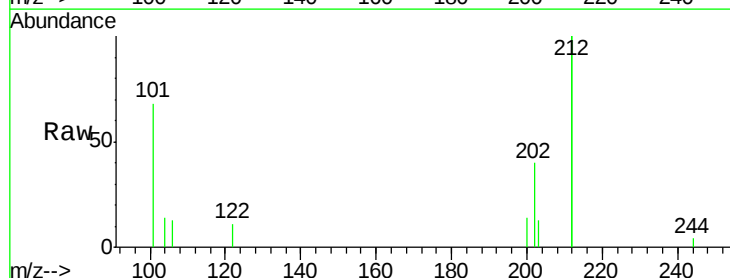
Tgt Ion:202 Resp: 762

Ion Ratio Lower Upper

202 100

101 184.9 9.8 14.8#

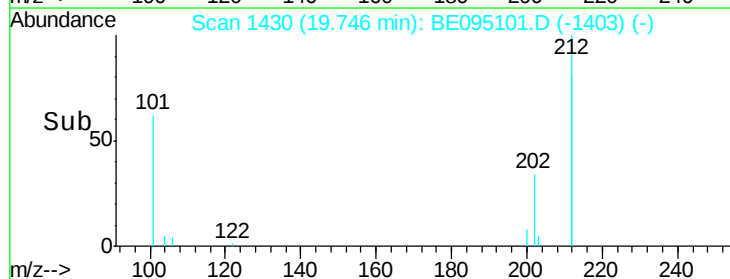
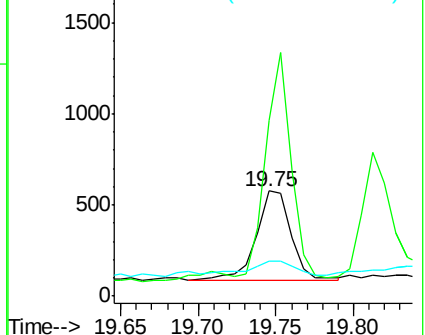
203 21.3 13.7 20.5#

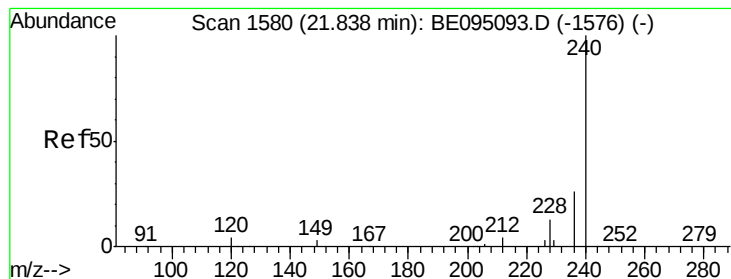


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

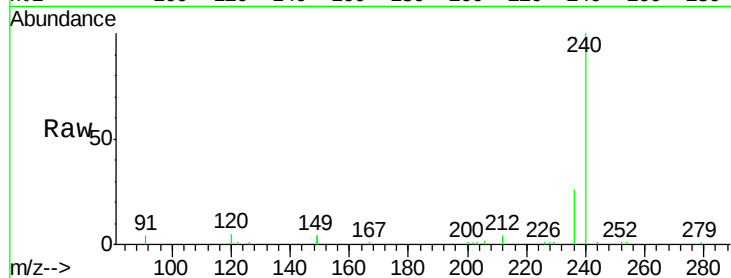
Tot Ion:240 Resp: 22560

Ion Ratio Lower Upper

240 100

120 5.2 5.5 8.3#

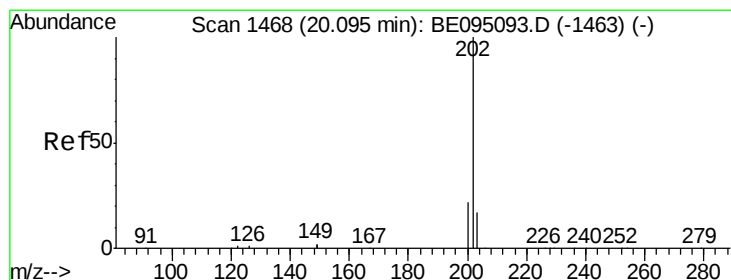
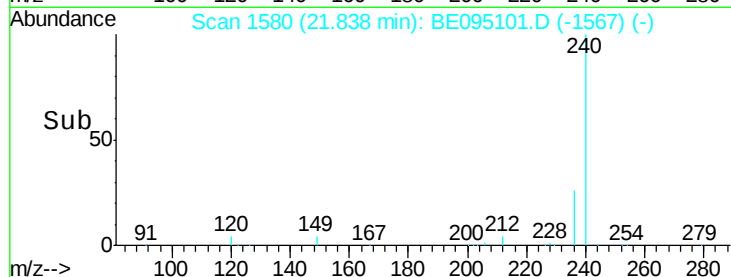
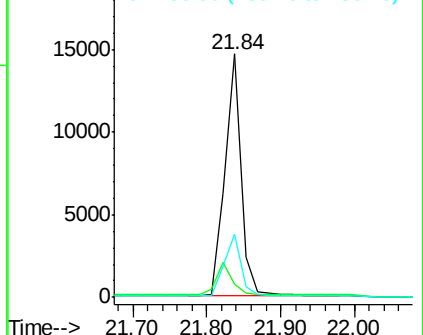
236 26.2 20.7 31.1



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: 0.012 ng

RT: 20.09 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

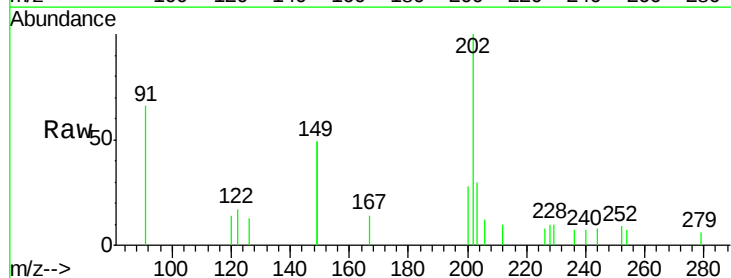
Tgt Ion:202 Resp: 1178

Ion Ratio Lower Upper

202 100

200 22.6 16.6 25.0

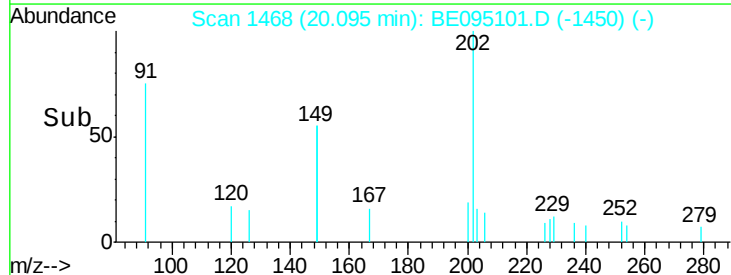
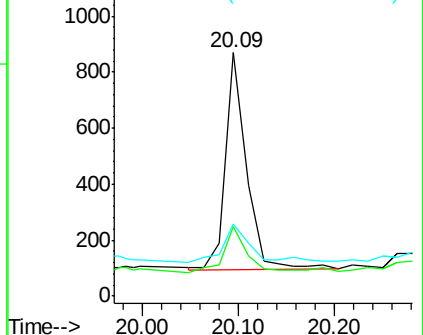
203 21.0 13.8 20.8#

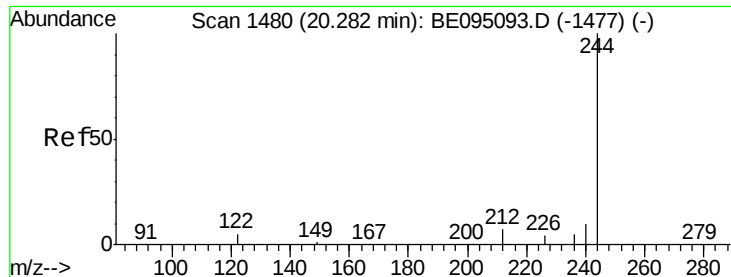


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.658 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

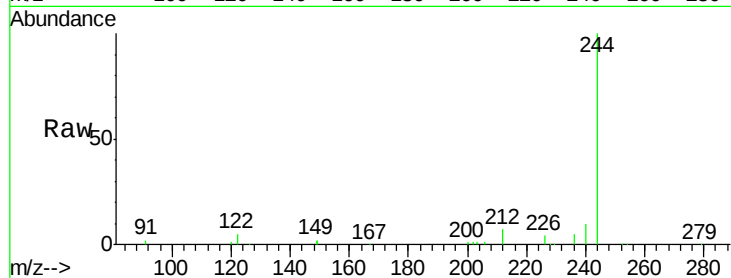
Tot Ion:244 Resp: 30407

Ion Ratio Lower Upper

244 100

212 7.2 25.4 38.0#

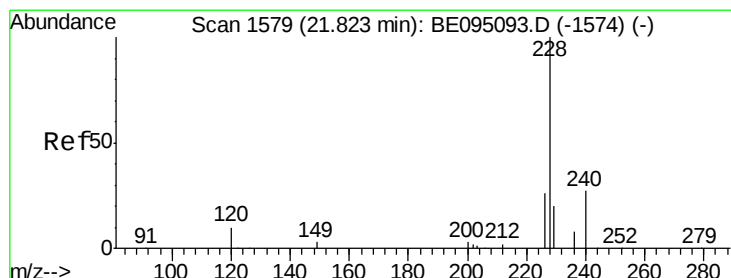
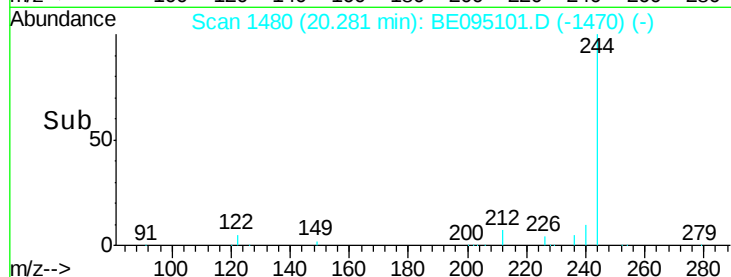
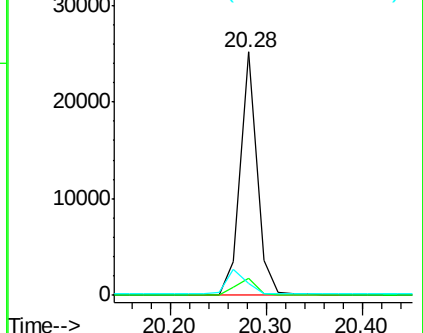
122 5.2 8.1 12.1#



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: 0.010 ng

RT: 21.82 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

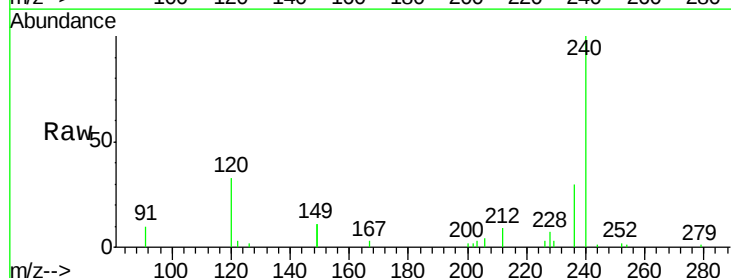
Tgt Ion:228 Resp: 693

Ion Ratio Lower Upper

228 100

226 36.2 24.0 36.0#

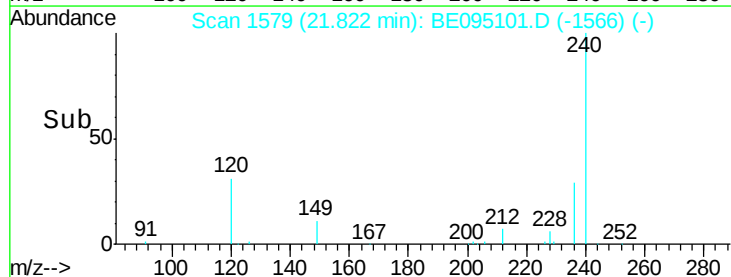
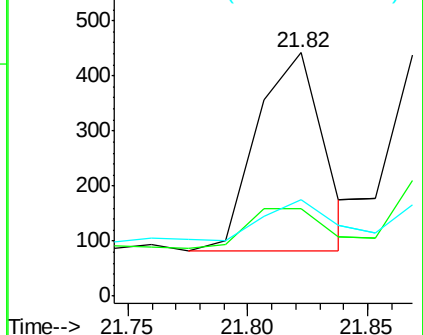
229 39.6 16.0 24.0#

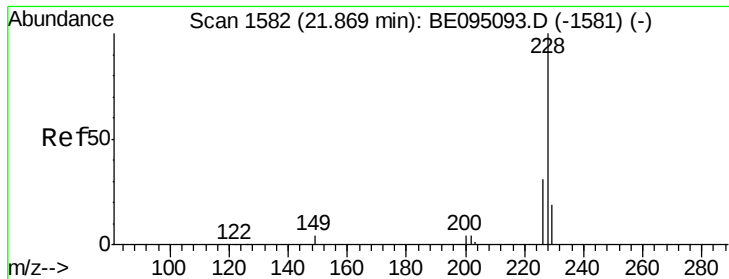


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.008 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampled :

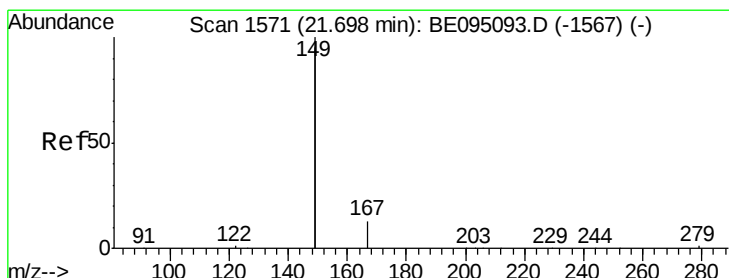
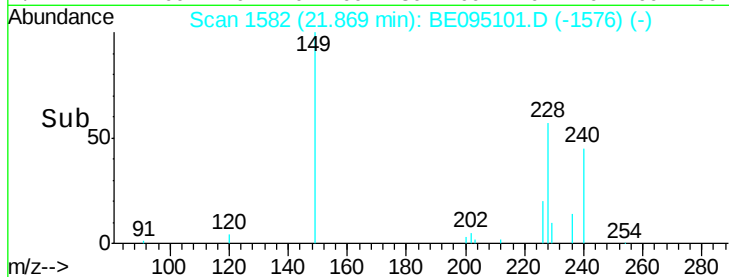
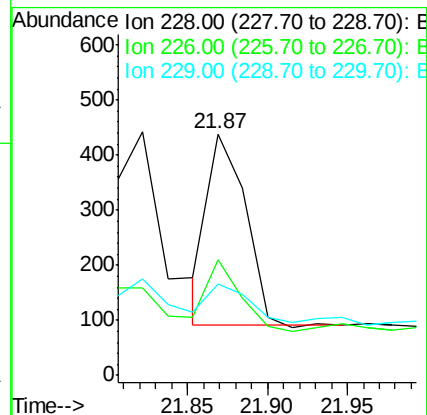
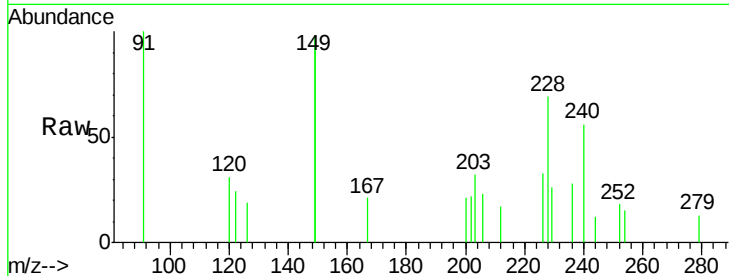
Tot Ion:228 Resp: 565

Ion Ratio Lower Upper

228 100

226 47.7 24.0 36.0#

229 38.1 16.0 24.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

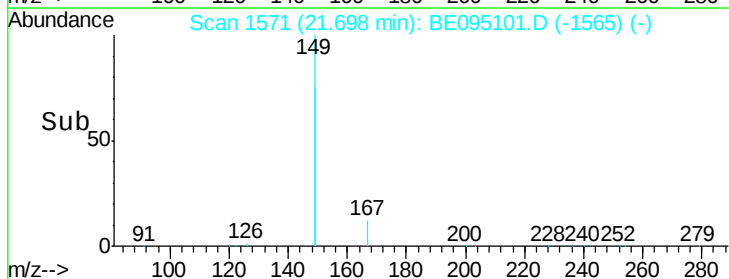
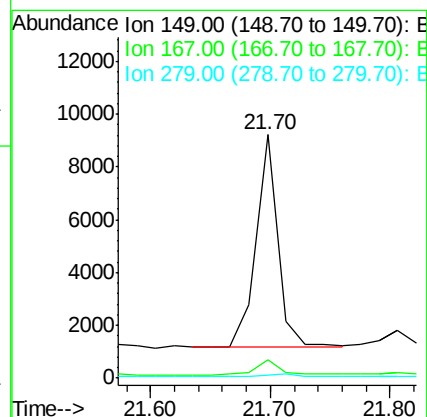
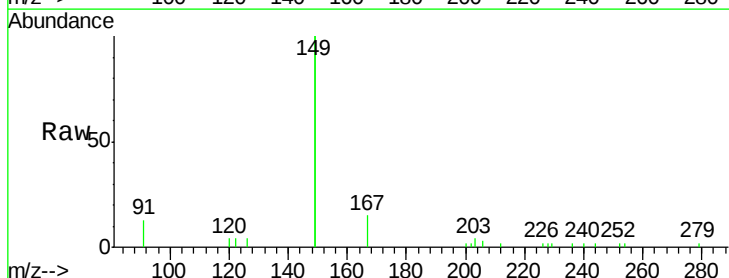
Tgt Ion:149 Resp: 10221

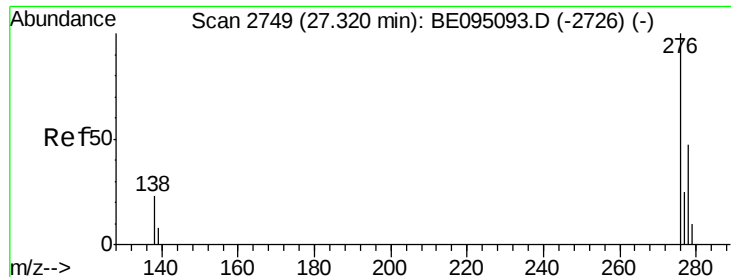
Ion Ratio Lower Upper

149 100

167 7.7 5.4 8.0

279 1.1 0.7 1.1#

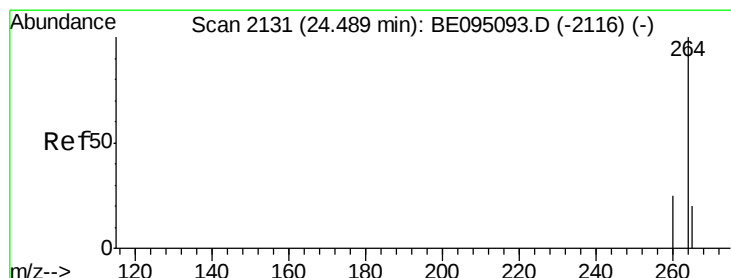
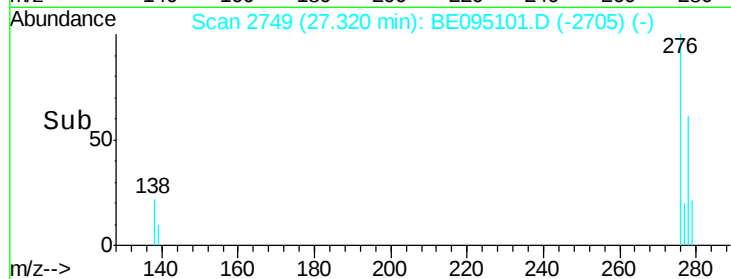
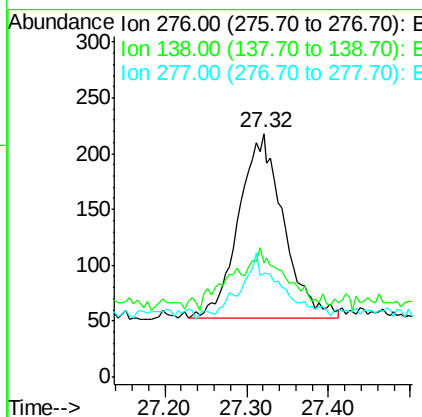
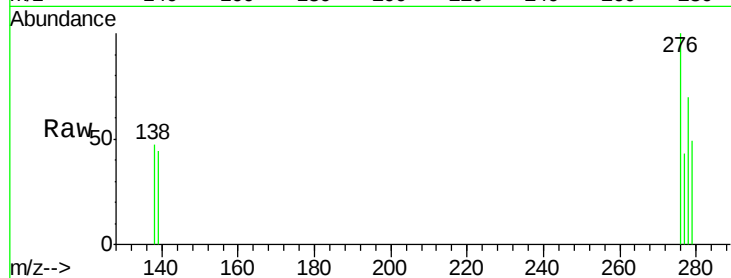




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.010 ng
RT: 27.32 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

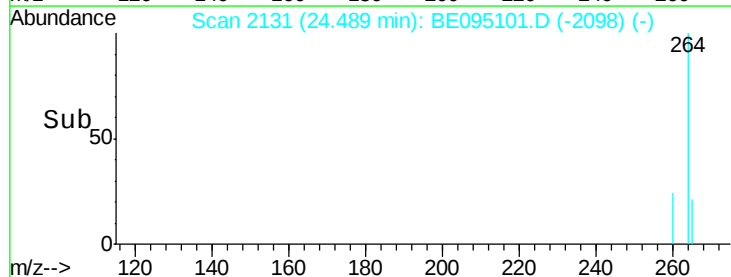
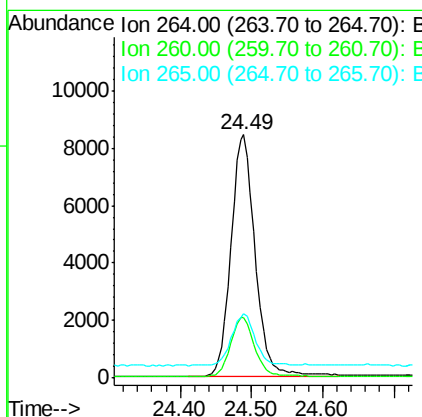
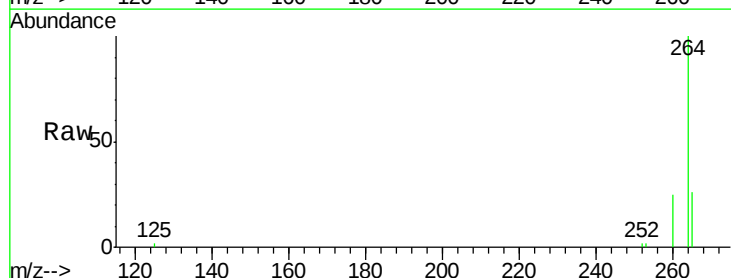
Instrument :
BNA_E
ClientSampleId :

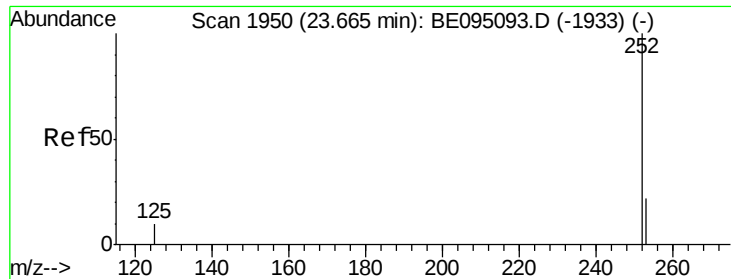
Tot Ion:276 Resp: 623
Ion Ratio Lower Upper
276 100
138 22.6 22.5 33.7
277 26.6 19.9 29.9



#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BE095101.D
Acq: 23 Jan 2018 17:26

Tgt Ion:264 Resp: 19895
Ion Ratio Lower Upper
264 100
260 24.9 20.5 30.7
265 26.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.009 ng

RT: 23.66 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :

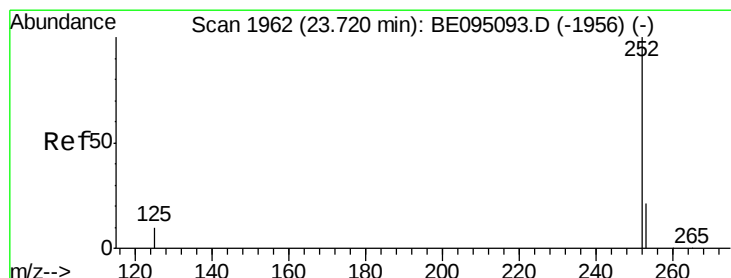
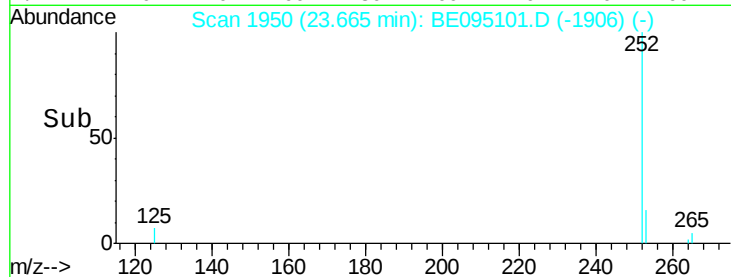
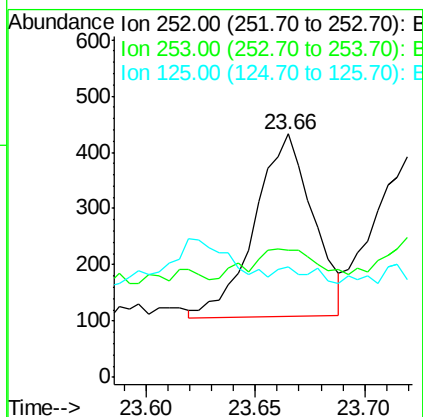
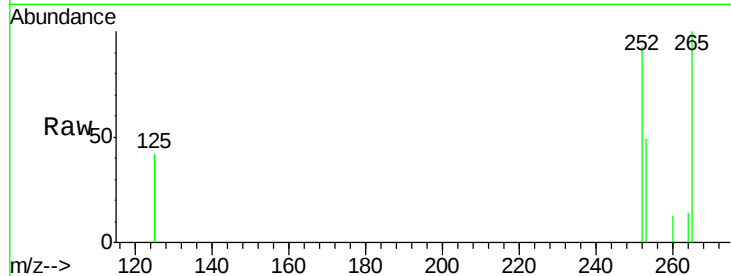
Tot Ion:252 Resp: 604

Ion Ratio Lower Upper

252 100

253 52.2 20.0 30.0#

125 45.5 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

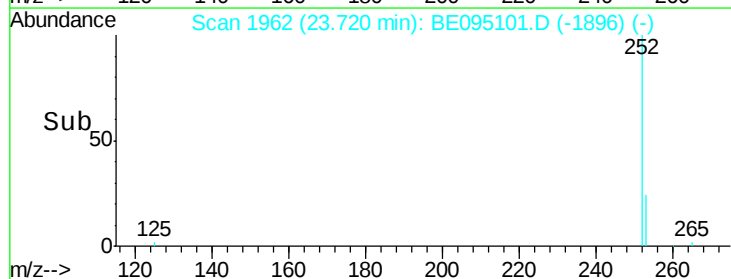
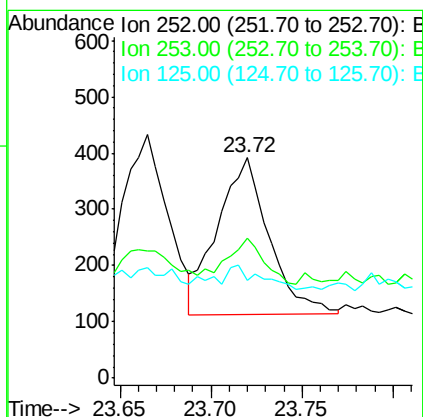
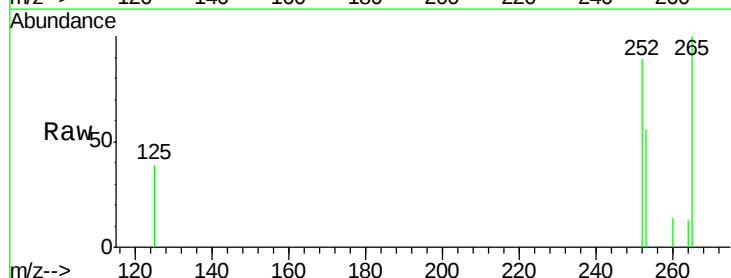
Tgt Ion:252 Resp: 547

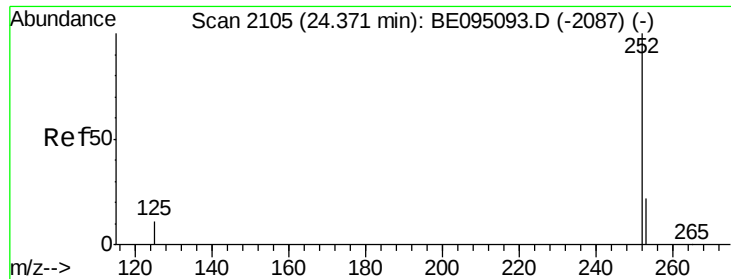
Ion Ratio Lower Upper

252 100

253 63.5 16.0 24.0#

125 44.4 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.007 ng

RT: 24.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampled :

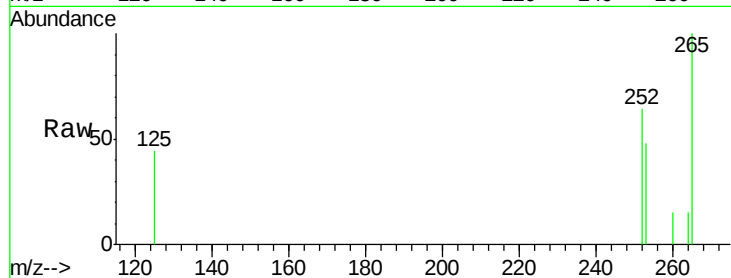
Tot Ion:252 Resp: 469

Ion Ratio Lower Upper

252 100

253 75.1 16.0 24.0#

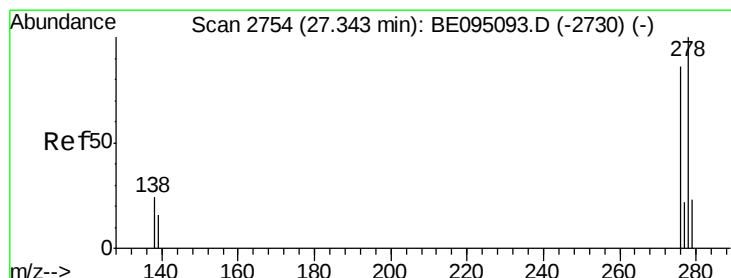
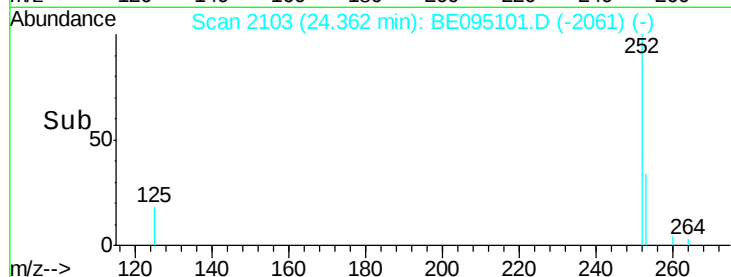
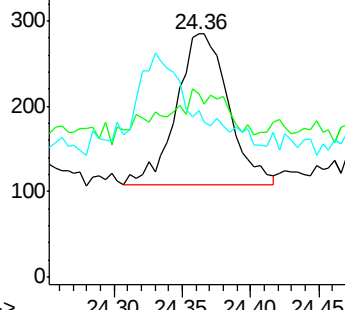
125 68.4 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.009 ng

RT: 27.33 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

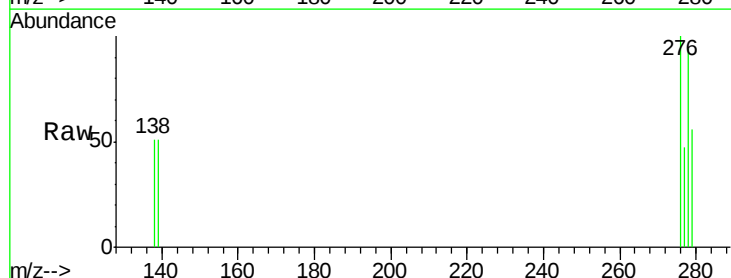
Tgt Ion:278 Resp: 484

Ion Ratio Lower Upper

278 100

139 53.8 16.0 24.0#

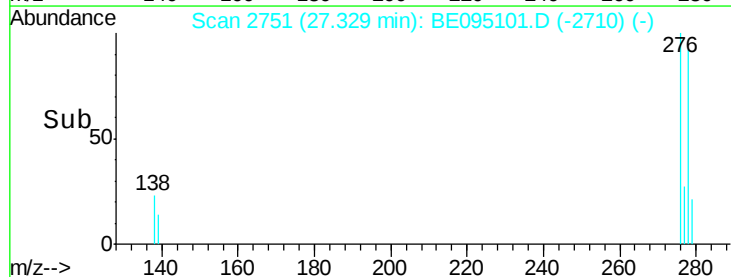
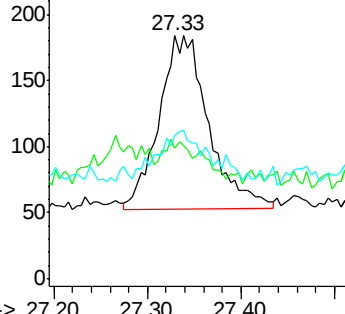
279 59.2 20.0 30.0#

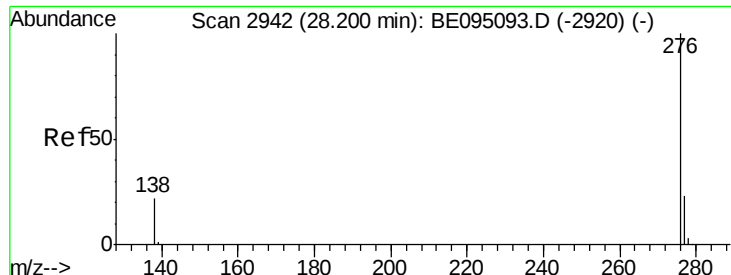


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.009 ng

RT: 28.19 min Scan# 2939

Delta R.T. -0.01 min

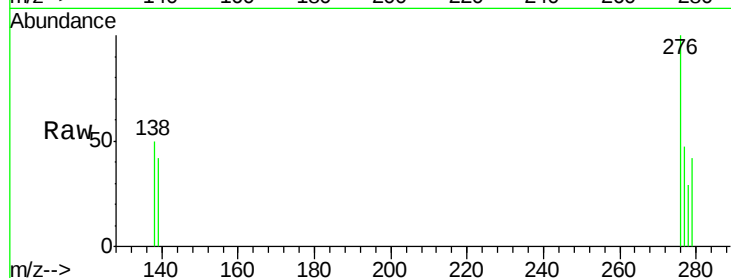
Lab File: BE095101.D

Acq: 23 Jan 2018 17:26

Instrument :

BNA_E

ClientSampleId :



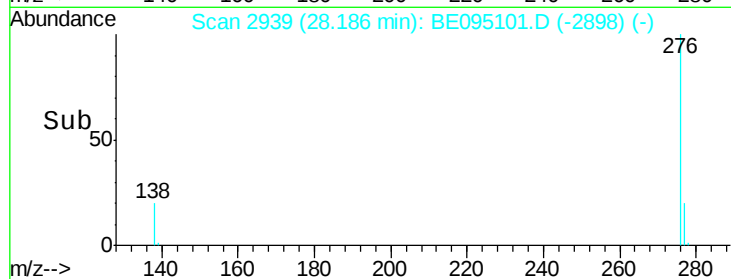
Tot Ion: 276 Resp: 512

Ion Ratio Lower Upper

276 100

277 46.8 16.0 24.0#

138 50.0 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

