

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020618\
 Data File : BE095542.D
 Acq On : 6 Feb 2018 22:50
 Operator : SJ/JU
 Sample : J1301-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180123

Quant Time: Feb 07 04:36:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 20:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1184	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4464	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2596	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6173	0.40	ng	0.00
27) Chrysene-d12	21.81	240	6225	0.40	ng	0.02
34) Perylene-d12	24.43	264	5689	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	585	0.16	ng	0.00
5) Phenol-d6	7.57	99	485	0.10	ng	0.00
8) Nitrobenzene-d5	9.61	82	2079	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	3229	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	452	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.65	172	5691	0.51	ng	0.00
25) Fluoranthene-d10	19.69	212	37126	0.46	ng	0.00
29) Terphenyl-d14	20.25	244	8219	0.62	ng	0.00

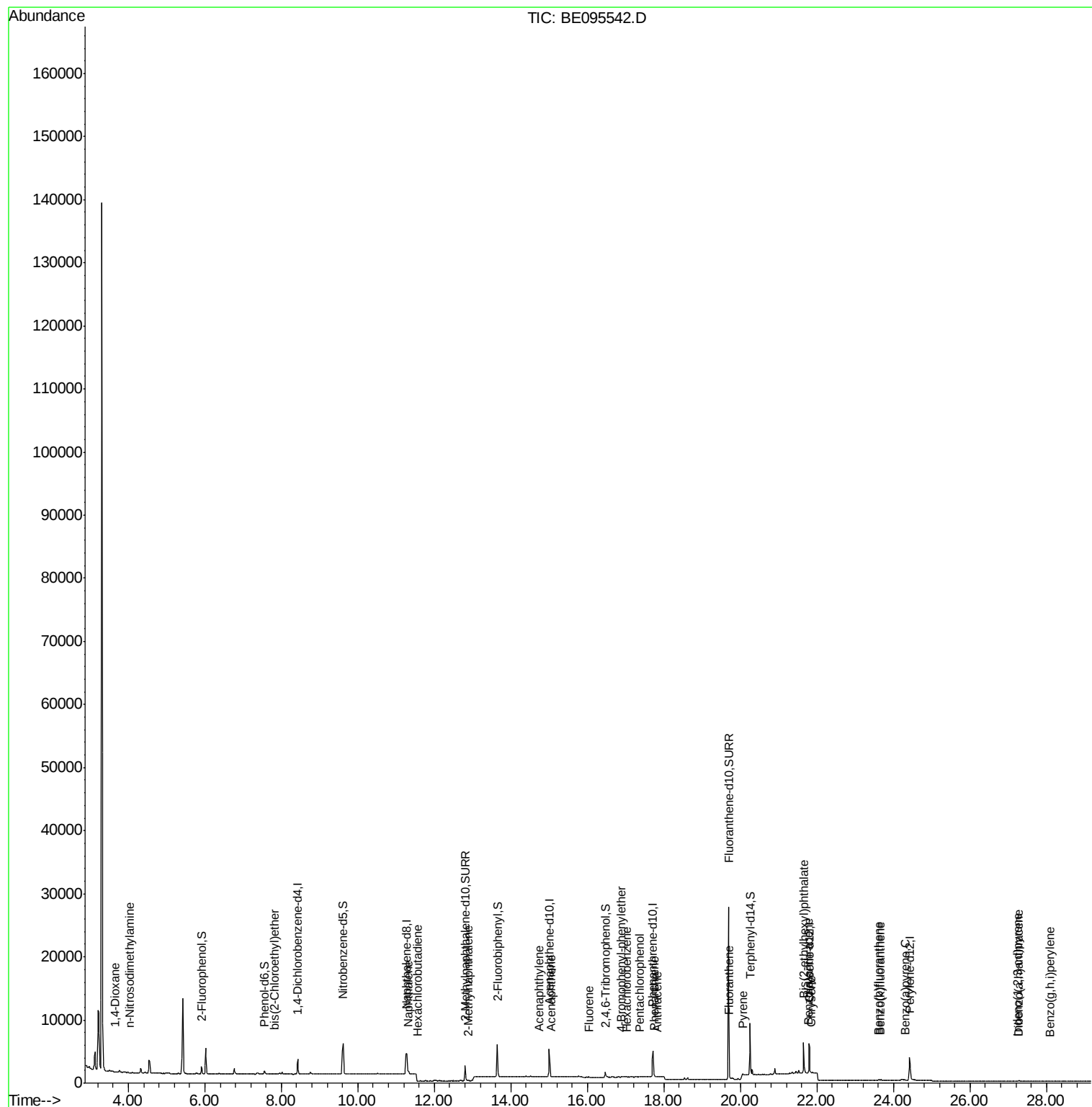
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	26	0.013	ng	# 1
3) n-Nitrosodimethylamine	4.03	42	4	0.002	ng	# 1
6) bis(2-Chloroethyl)ether	7.83	93	8	0.002	ng	# 1
9) Naphthalene	11.33	128	977	0.019	ng	# 81
10) Hexachlorobutadiene	11.57	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.88	142	55	0.006	ng	# 65
16) Acenaphthylene	14.74	152	40	0.003	ng	# 46
17) Acenaphthene	15.06	154	12	0.001	ng	# 1
18) Fluorene	16.04	166	64	0.006	ng	# 84
20) 4-Bromophenyl-phenylether	16.89	248	9	0.002	ng	# 55
21) Hexachlorobenzene	17.03	284	7	0.002	ng	# 38
22) Pentachlorophenol	17.37	266	49	0.193	ng	95
23) Phenanthrene	17.74	178	389	0.021	ng	98
24) Anthracene	17.83	178	74	0.004	ng	# 68
26) Fluoranthene	19.72	202	273	0.011	ng	# 87
28) Pyrene	20.07	202	220	0.008	ng	# 85
30) Benzo(a)anthracene	21.78	228	142	0.007	ng	# 39
31) Chrysene	21.84	228	120	0.006	ng	# 45
32) Bis(2-ethylhexyl)phthalate	21.65	149	5724	0.120	ng	100
33) Indeno(1,2,3-cd)pyrene	27.24	276	90	0.005	ng	# 72
35) Benzo(b)fluoranthene	23.61	252	115	0.006	ng	# 1
36) Benzo(k)fluoranthene	23.67	252	75	0.004	ng	# 1
37) Benzo(a)pyrene	24.31	252	56	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	27.26	278	92	0.006	ng	# 1
39) Benzo(g,h,i)perylene	28.10	276	24	0.001	ng	# 1

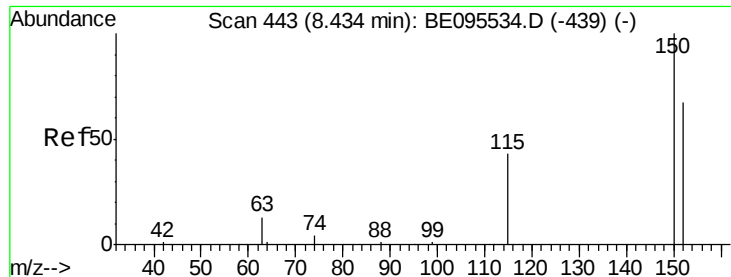
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

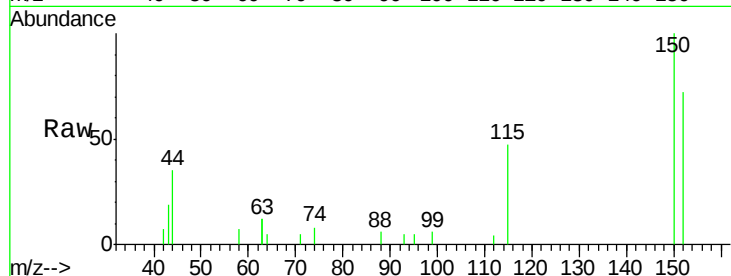
Tot Ion:152 Resp: 1184

Ion Ratio Lower Upper

152 100

150 138.5 117.2 175.8

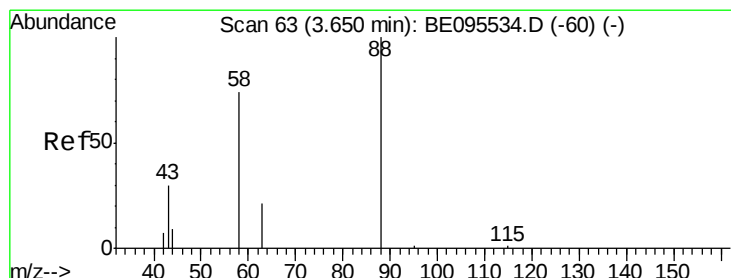
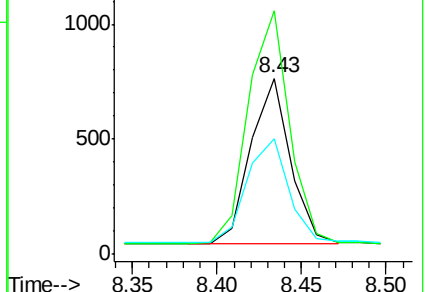
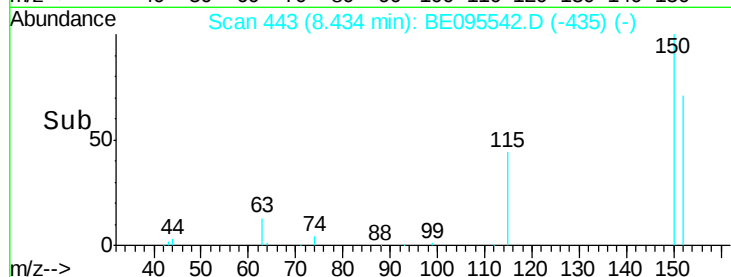
115 65.4 57.0 85.6



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: 0.013 ng

RT: 3.65 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

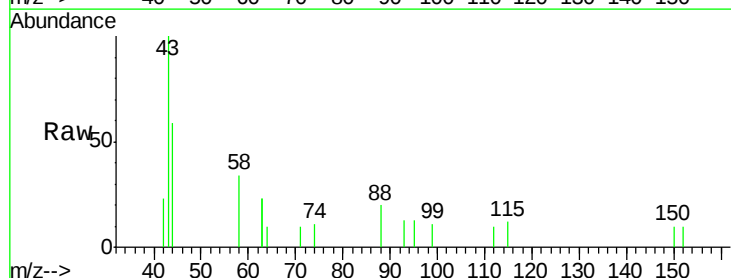
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

58 361.5 63.2 94.8#

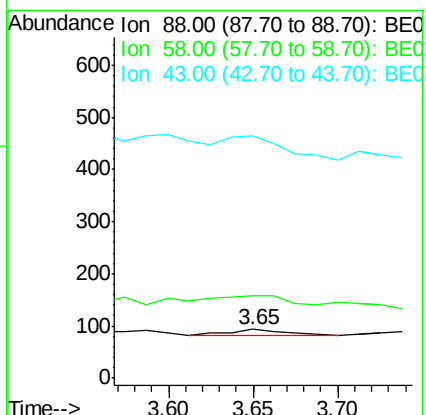
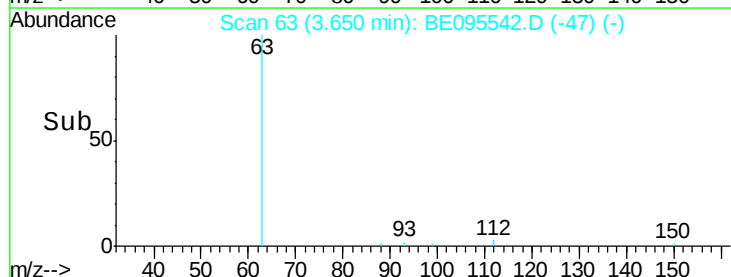
43 0.0 41.2 61.8#

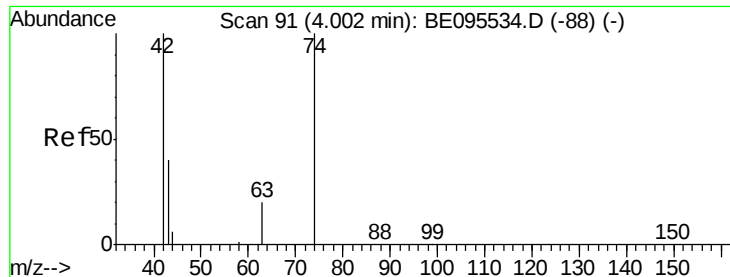


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



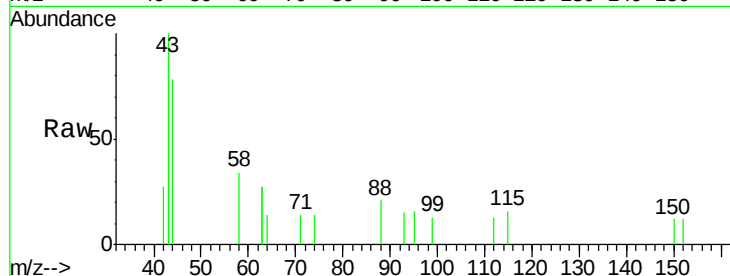


#3

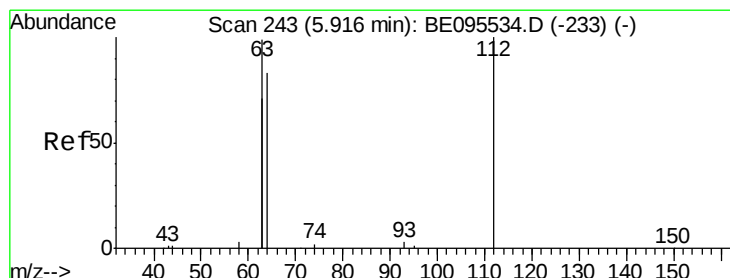
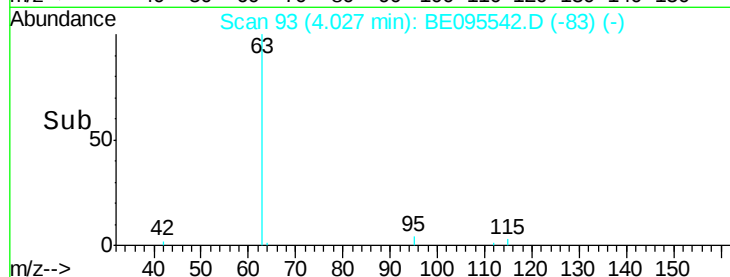
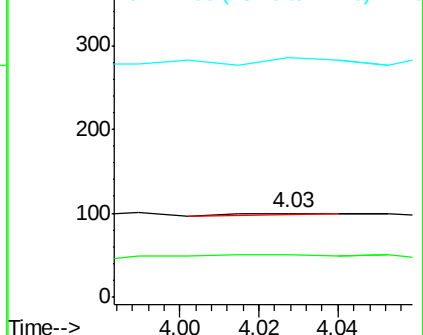
n-Nitrosodimethylamine
 Concen: 0.002 ng
 RT: 4.03 min Scan# 93
 Delta R.T. 0.02 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

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Tot Ion: 42 Resp: 4
 Ion Ratio Lower Upper
 42 100
 74 350.0 96.0 144.0#
 44 325.0 12.0 18.0#



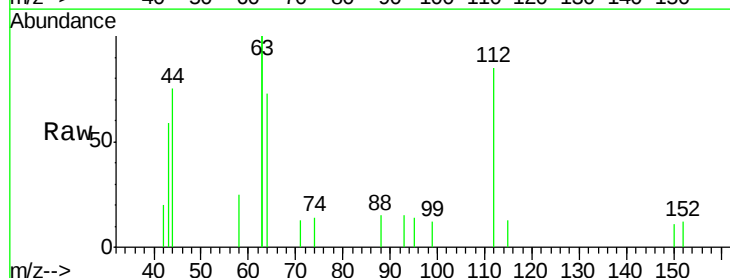
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



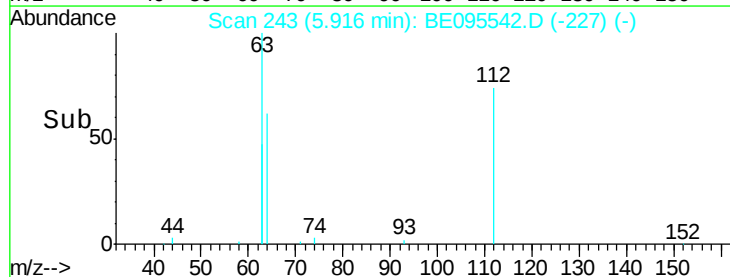
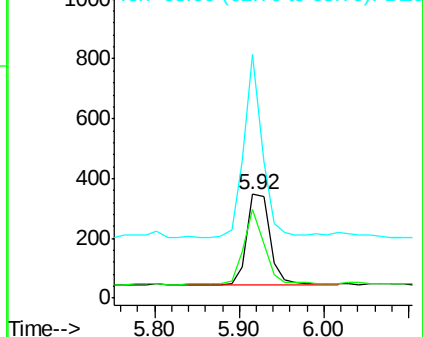
#4

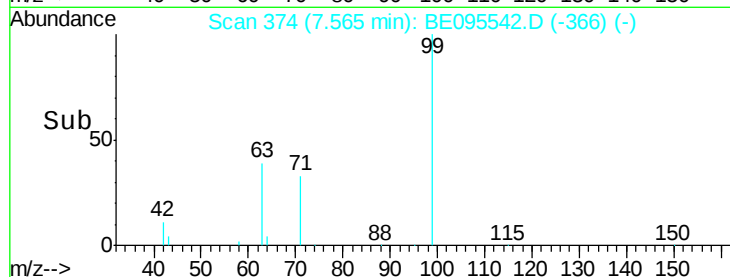
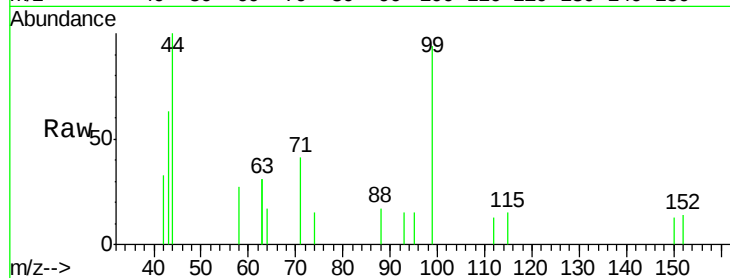
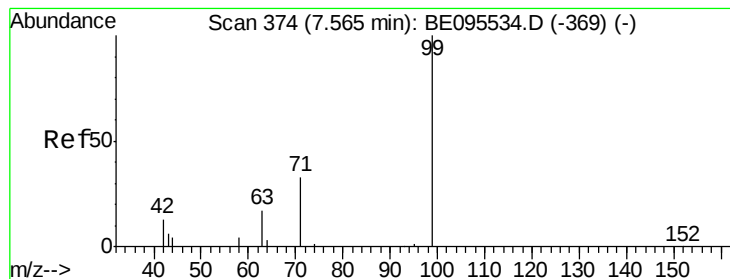
2-Fluorophenol
 Concen: 0.164 ng
 RT: 5.92 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Tgt Ion: 112 Resp: 585
 Ion Ratio Lower Upper
 112 100
 64 74.7 60.1 90.1
 63 157.8 116.8 175.2



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: 7.57 min Scan# 374

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

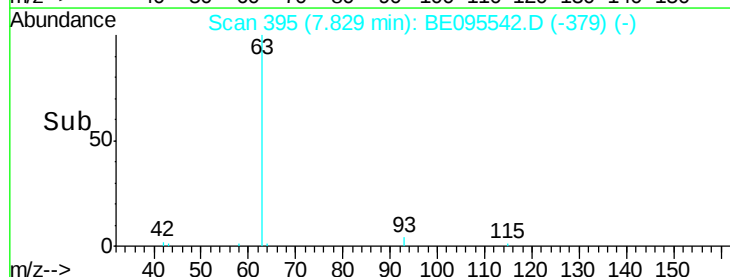
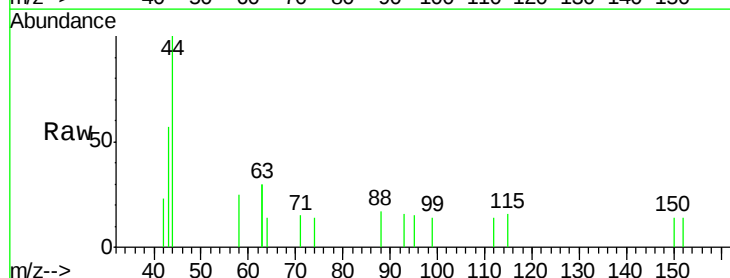
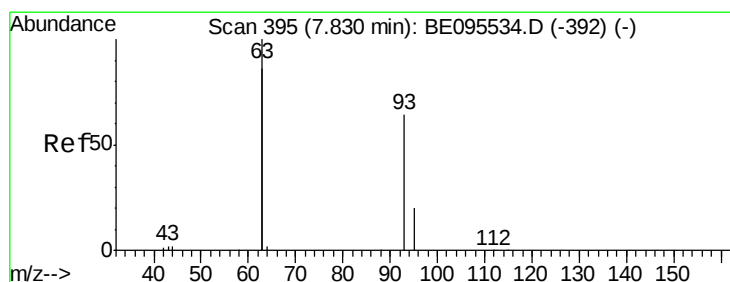
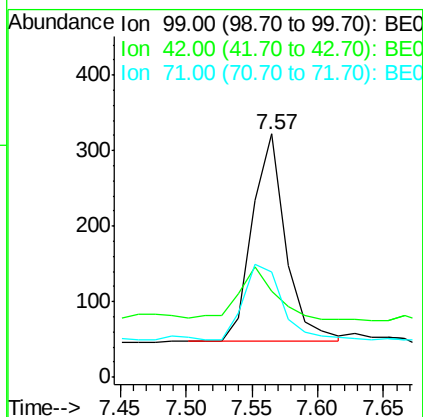
Tot Ion: 99 Resp: 485

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

71 42.9 28.4 42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

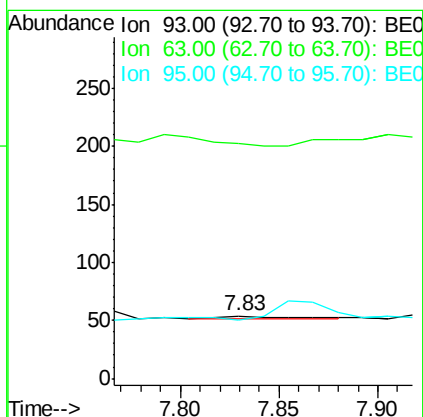
Tgt Ion: 93 Resp: 8

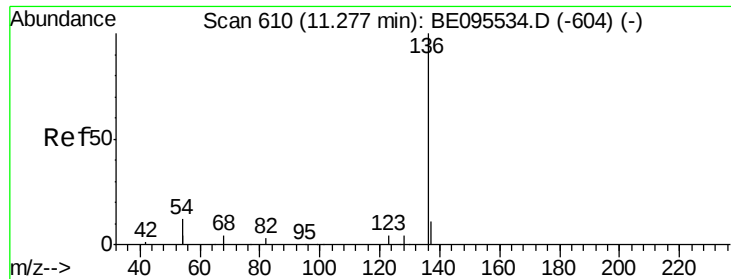
Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

95 0.0 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

Tot Ion:136 Resp: 4464

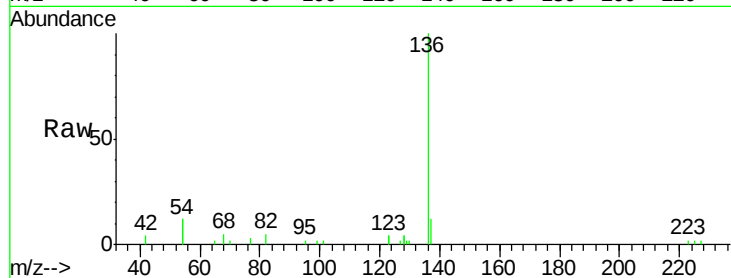
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 23.4 29.1 43.7#

68 5.2 6.2 9.2#

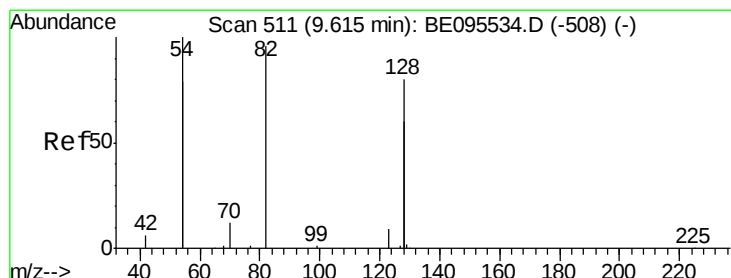
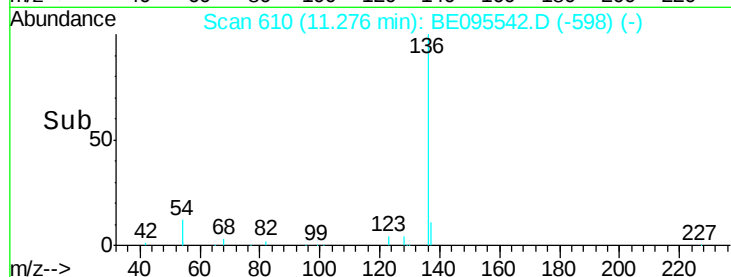
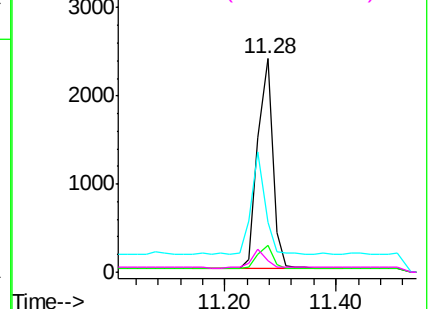


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.439 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

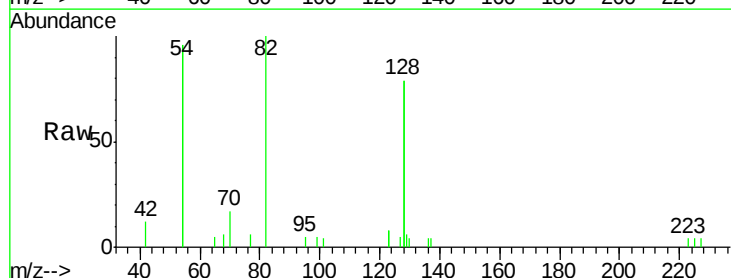
Tgt Ion: 82 Resp: 2079

Ion Ratio Lower Upper

82 100

128 157.7 150.0 225.0

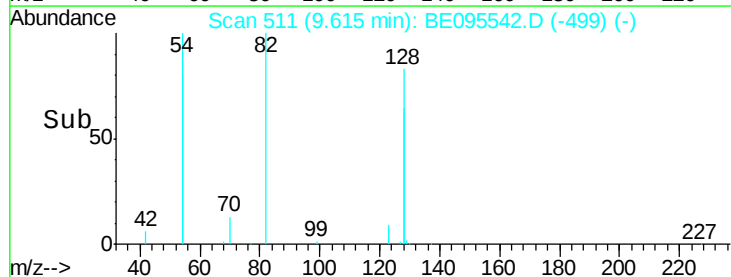
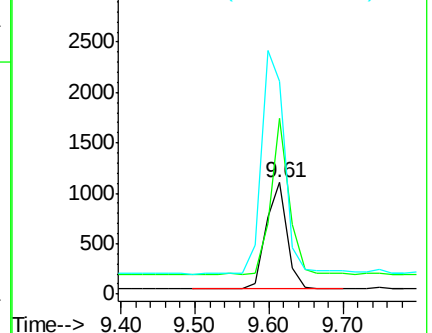
54 191.1 154.2 231.4

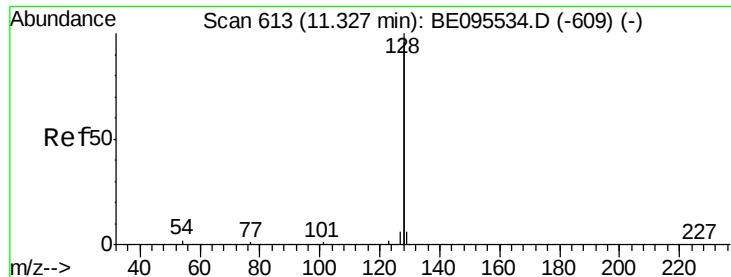


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.019 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

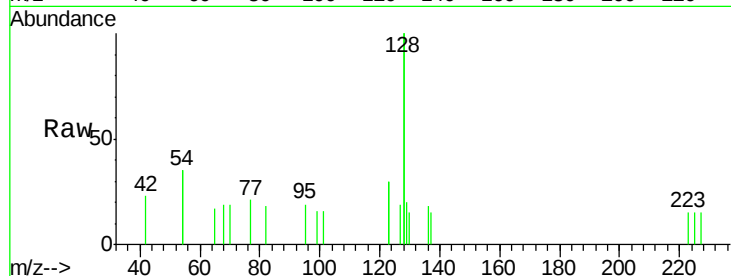
Tot Ion:128 Resp: 977

Ion Ratio Lower Upper

128 100

129 9.9 2.6 3.8#

127 9.4 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

Time-->

11.33

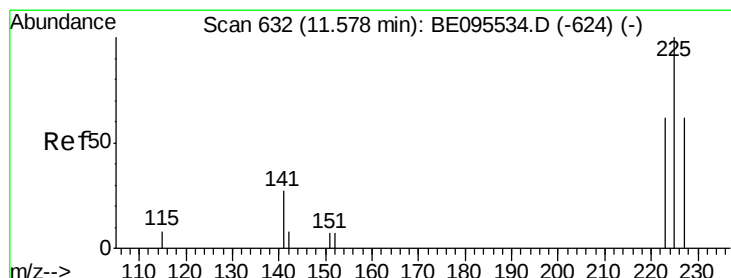
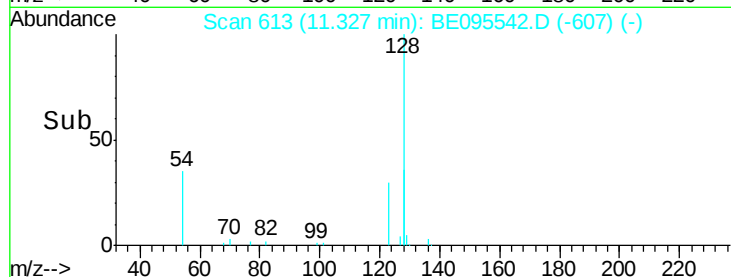
600

400

200

0

11.20 11.30 11.40 11.50



#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 11.57 min Scan# 631

Delta R.T. -0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

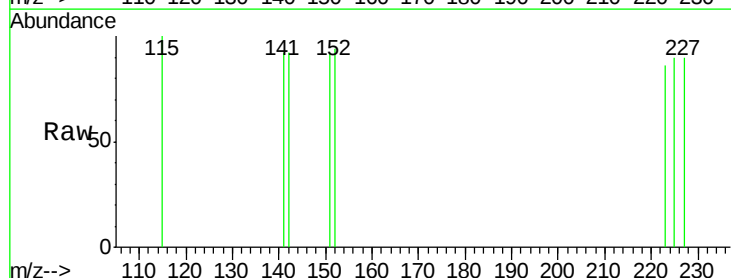
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 350.0 53.0 79.6#

227 0.0 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

Time-->

11.57

60

50

40

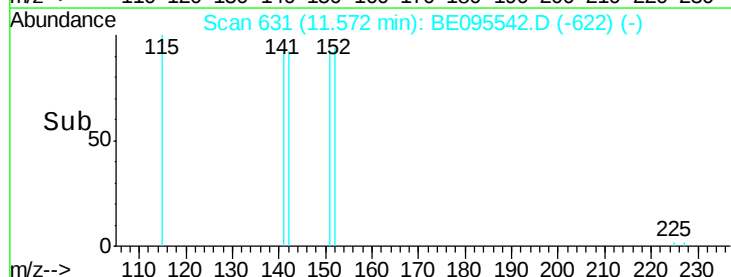
30

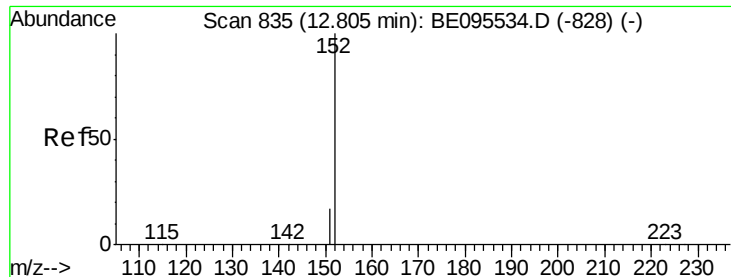
20

10

0

11.56 11.58 11.60

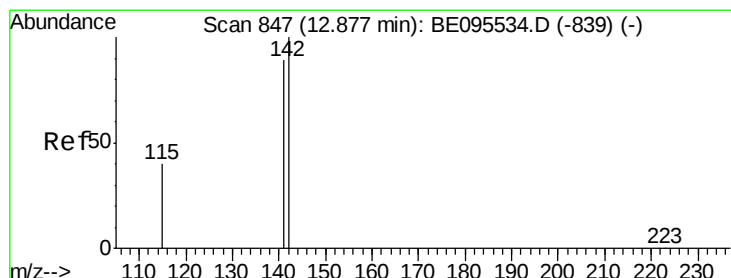
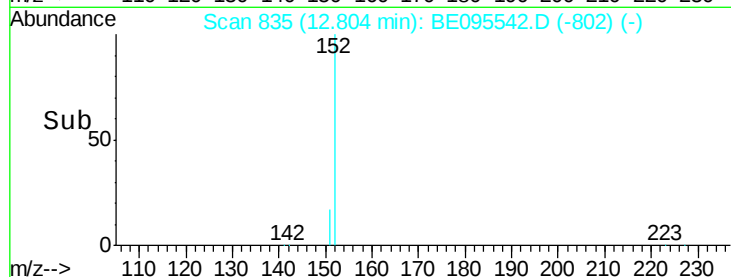
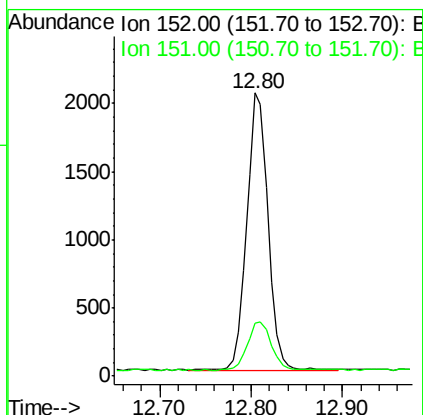
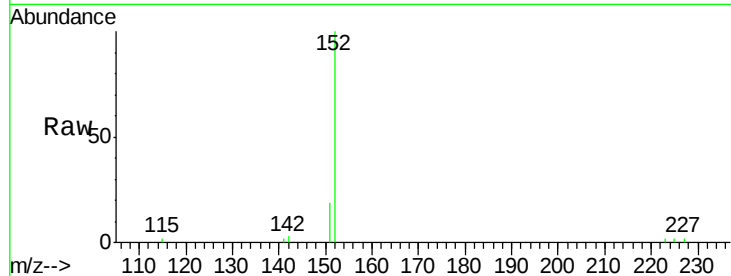




#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

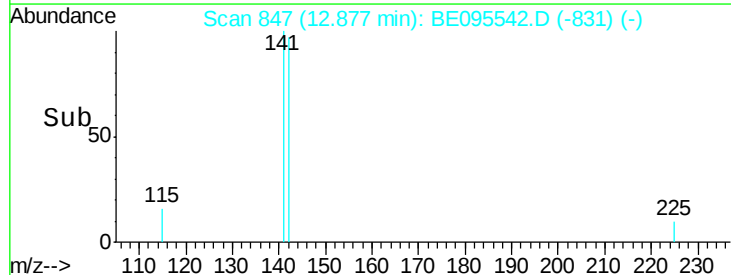
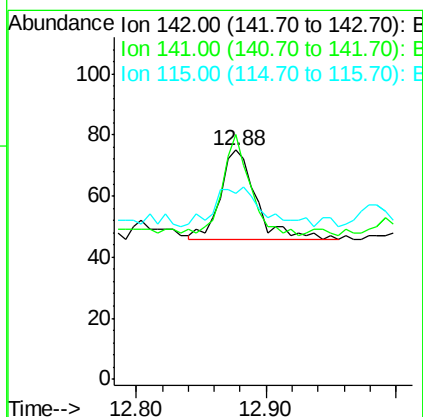
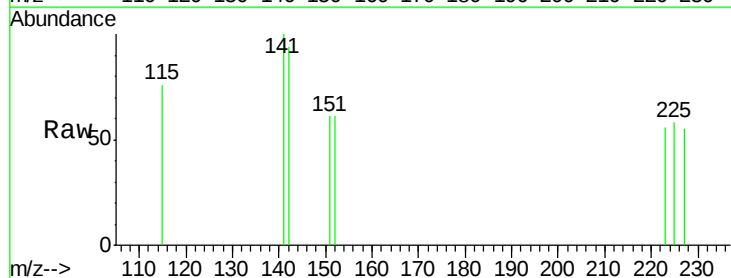
Instrument :
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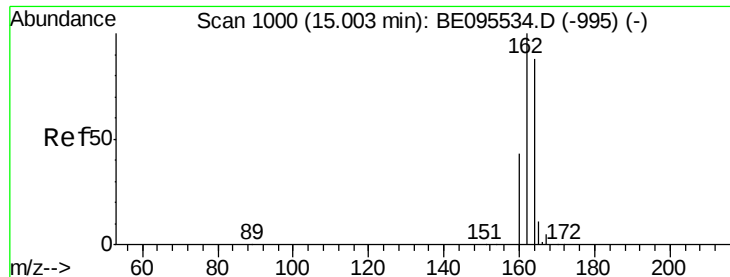
Tot Ion:152 Resp: 3229
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.006 ng
RT: 12.88 min Scan# 847
Delta R.T. -0.00 min
Lab File: BE095542.D
Acq: 6 Feb 2018 22:50

Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 106.7 70.4 105.6#
115 81.3 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

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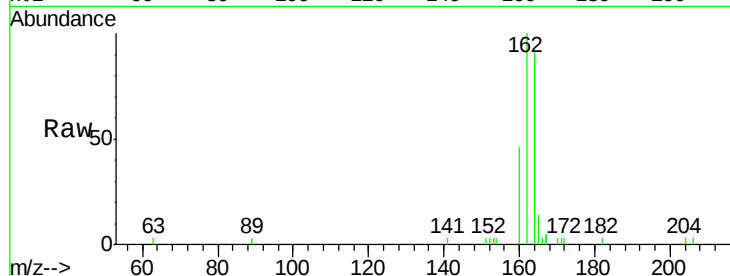
Tot Ion:164 Resp: 2596

Ion Ratio Lower Upper

164 100

162 109.0 83.1 124.7

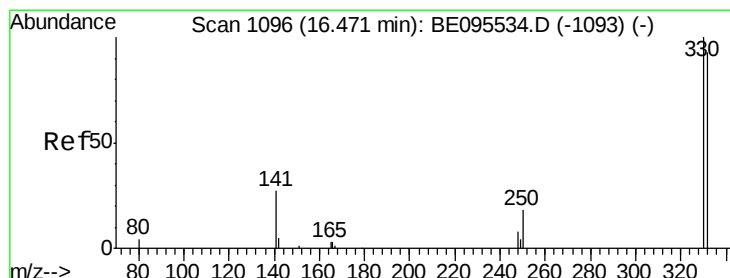
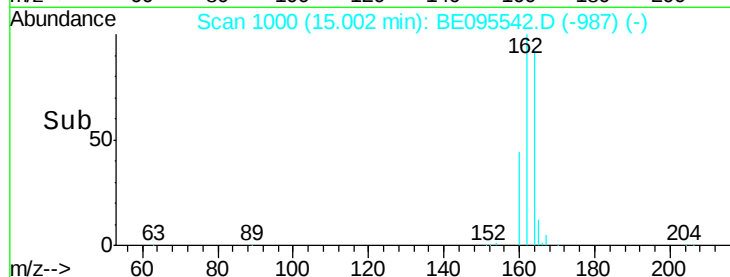
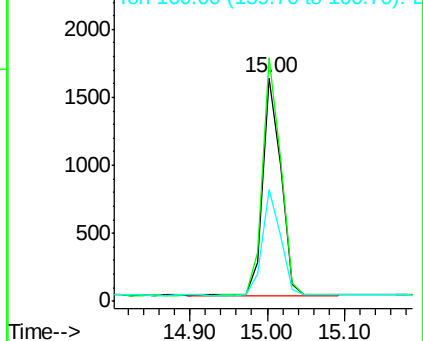
160 49.8 37.1 55.7



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: 0.382 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

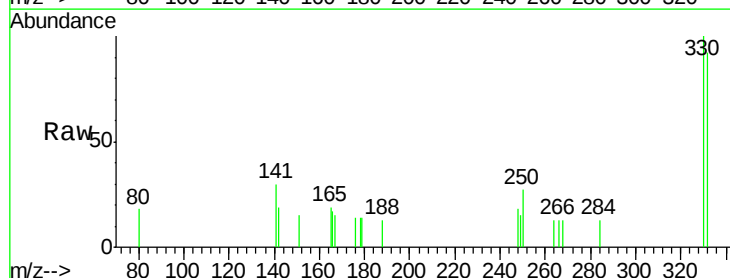
Tgt Ion:330 Resp: 452

Ion Ratio Lower Upper

330 100

332 93.6 152.7 229.1#

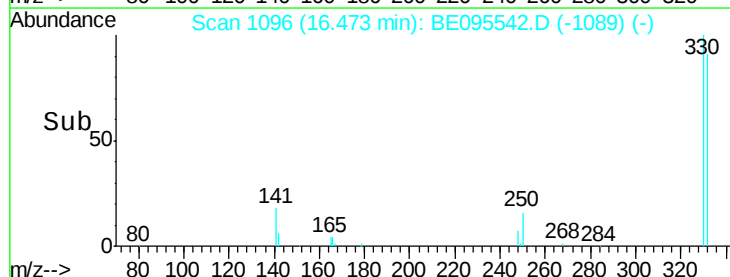
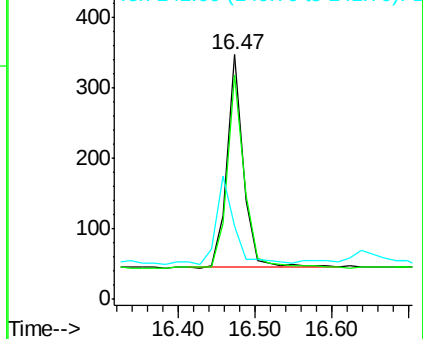
141 41.4 33.7 50.5

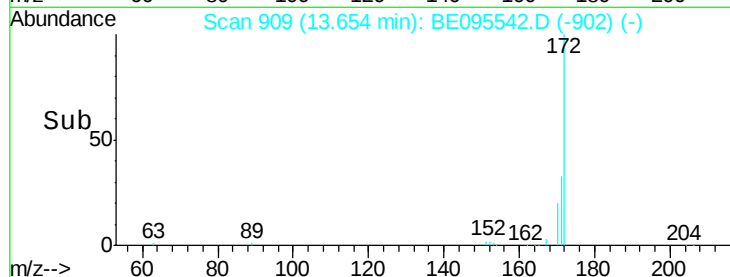
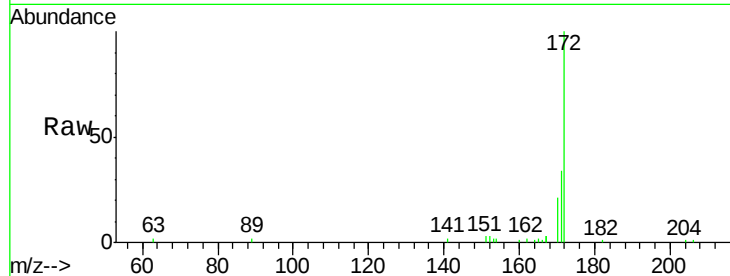
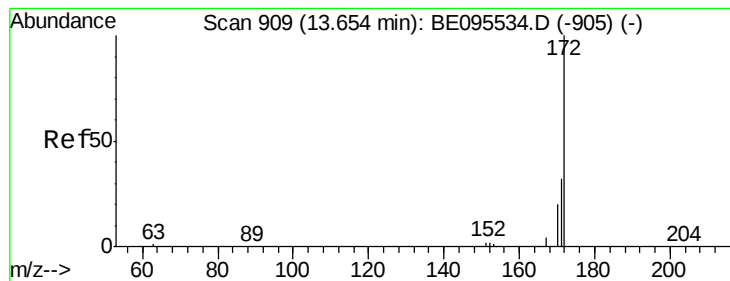


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.508 ng

RT: 13.65 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

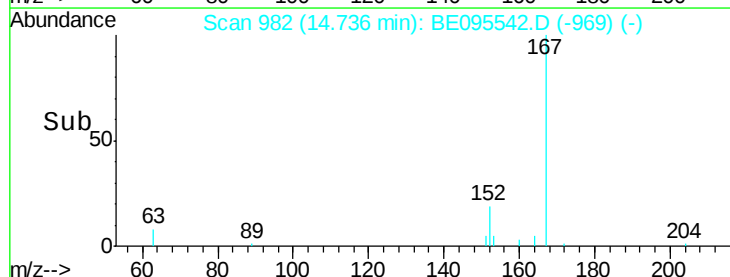
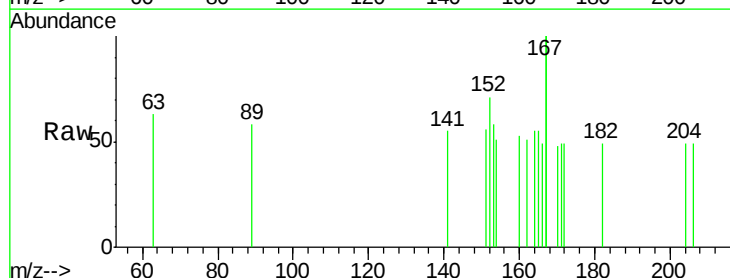
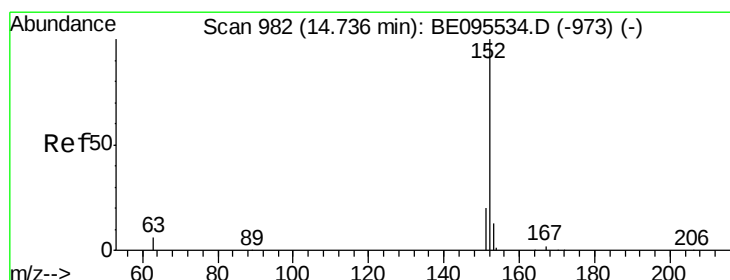
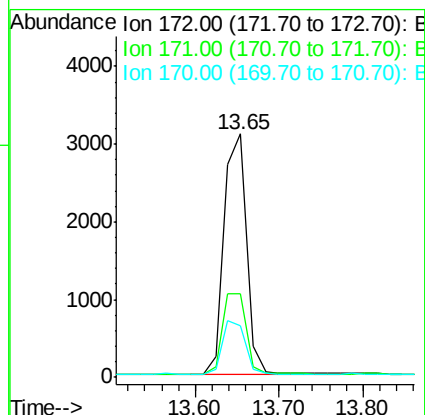
Tot Ion:172 Resp: 5691

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

170 21.3 21.8 32.8#



#16

Acenaphthylene

Concen: 0.003 ng

RT: 14.74 min Scan# 982

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

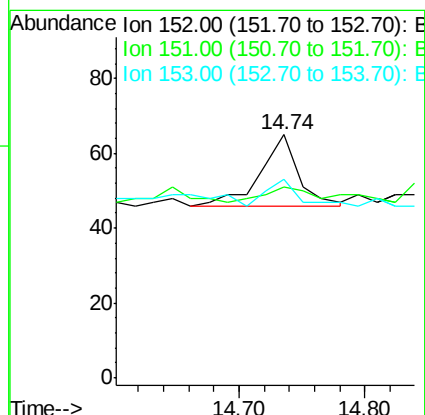
Tgt Ion:152 Resp: 40

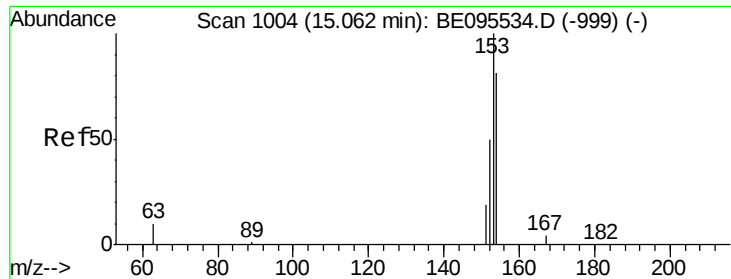
Ion Ratio Lower Upper

152 100

151 47.5 15.7 23.5#

153 30.0 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

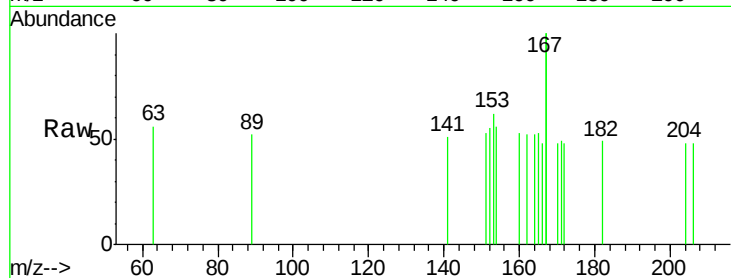
Tot Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 241.7 89.2 133.8#

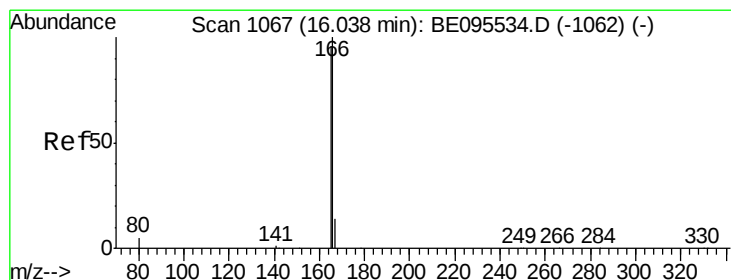
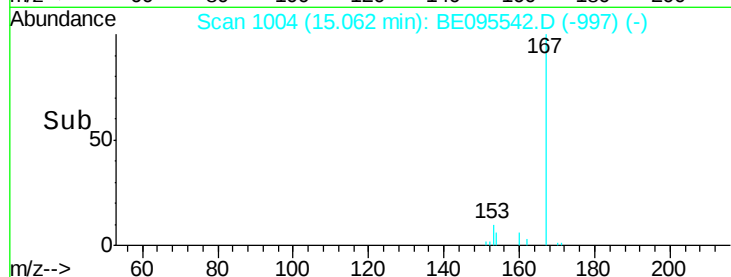
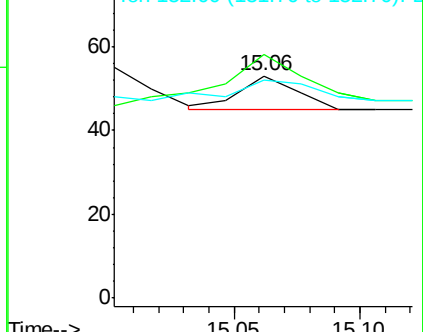
152 100.0 42.0 63.0#



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: 16.04 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

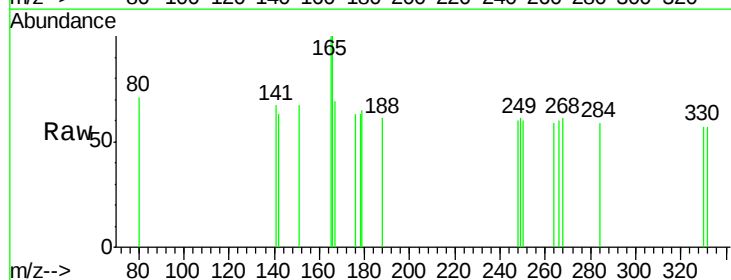
Tgt Ion:166 Resp: 64

Ion Ratio Lower Upper

166 100

165 92.2 77.8 116.6

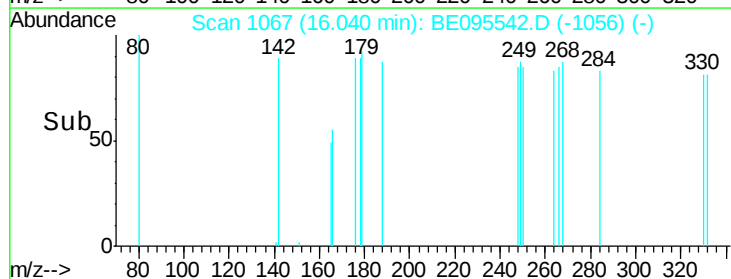
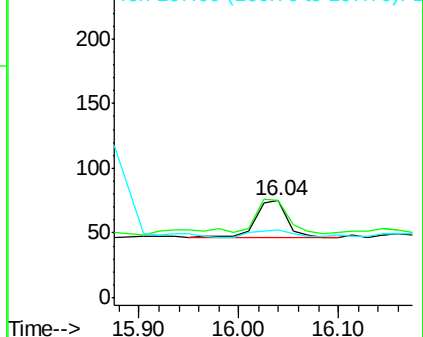
167 28.1 42.4 63.6#

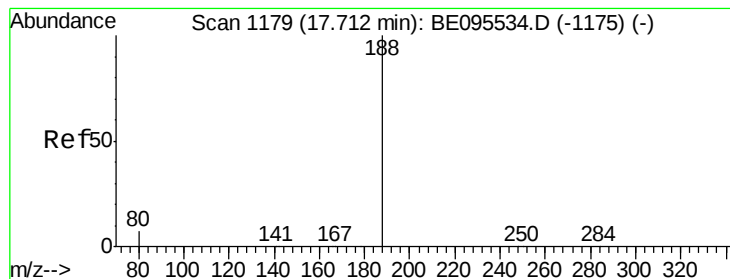


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

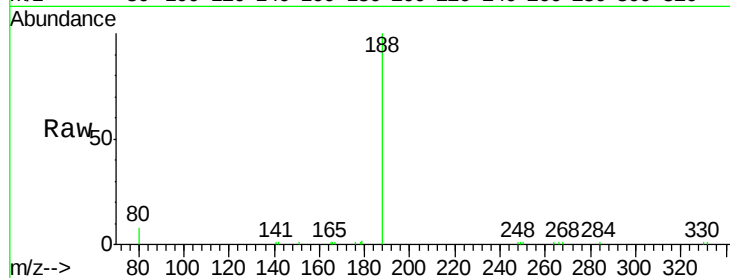
Tot Ion:188 Resp: 6173

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

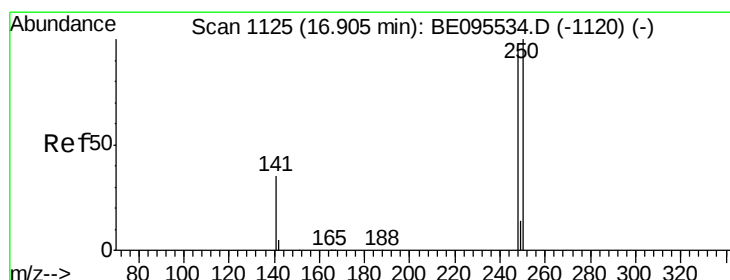
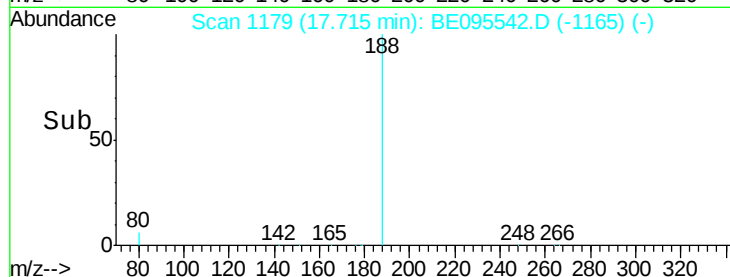
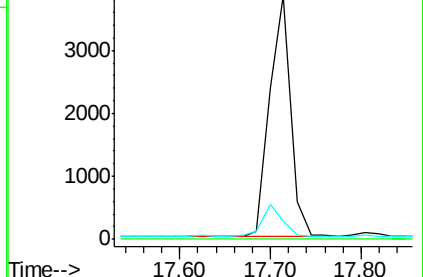
80 7.8 3.6 5.4#



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: 0.002 ng

RT: 16.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

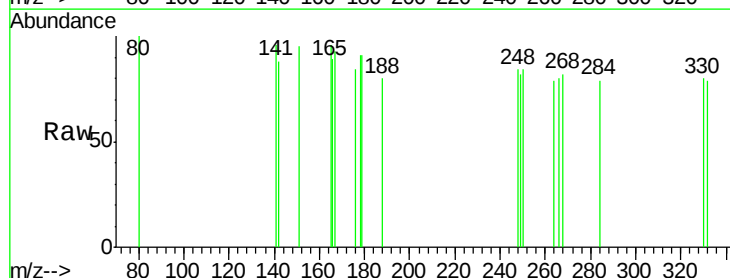
Tgt Ion:248 Resp: 9

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

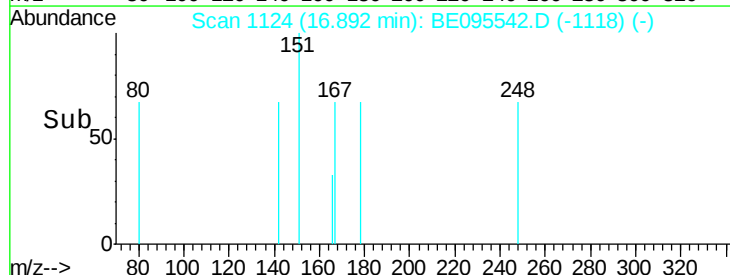
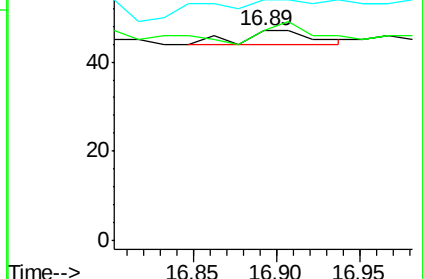
141 114.9 48.2 72.2#

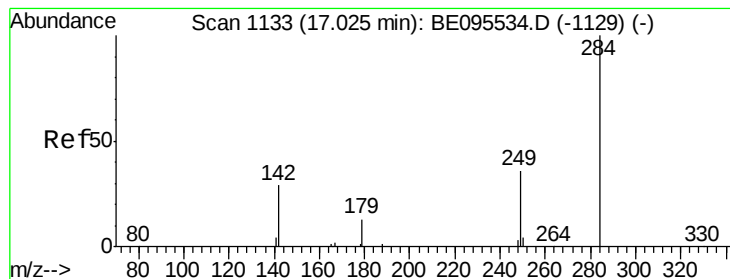


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095542.D

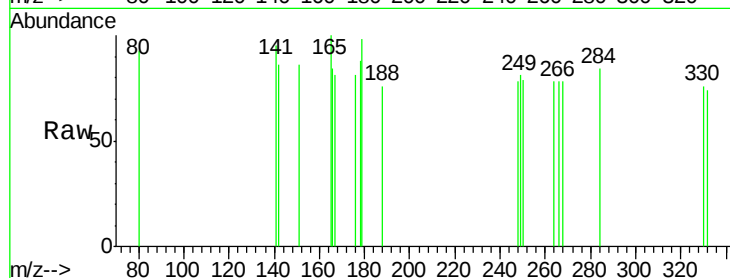
Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123



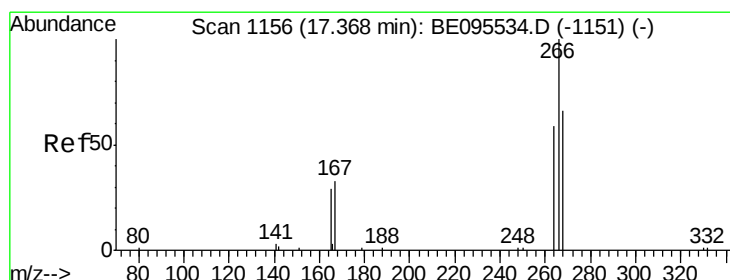
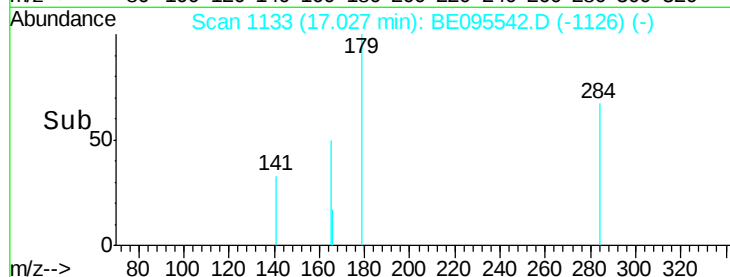
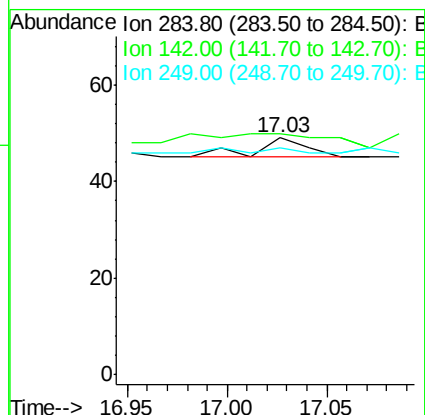
Tot Ion:284 Resp: 7

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

249 0.0 34.8 52.2#



#22

Pentachlorophenol

Concen: 0.193 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

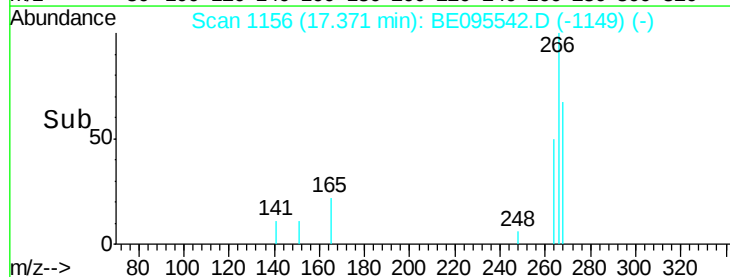
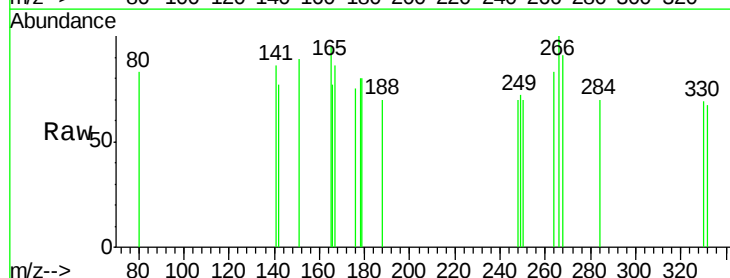
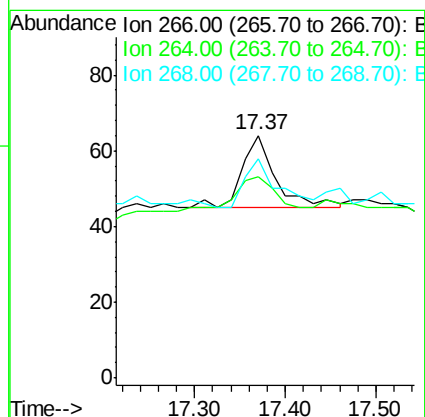
Tgt Ion:266 Resp: 49

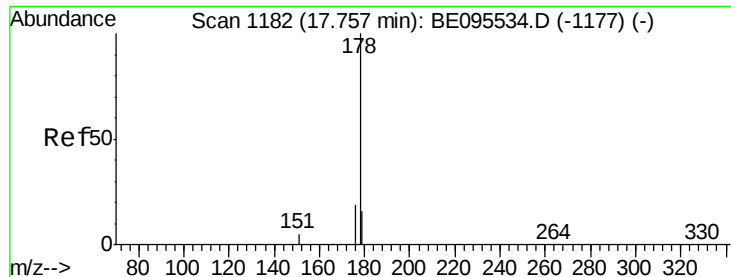
Ion Ratio Lower Upper

266 100

264 82.8 72.5 108.7

268 90.6 73.8 110.6





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

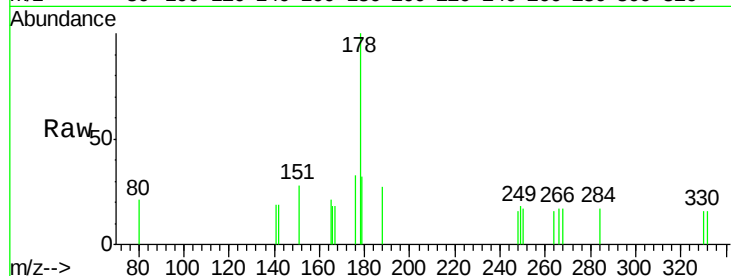
Tot Ion:178 Resp: 389

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

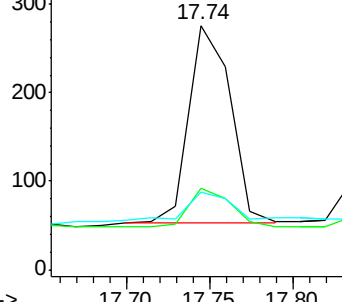
179 12.6 11.8 17.6



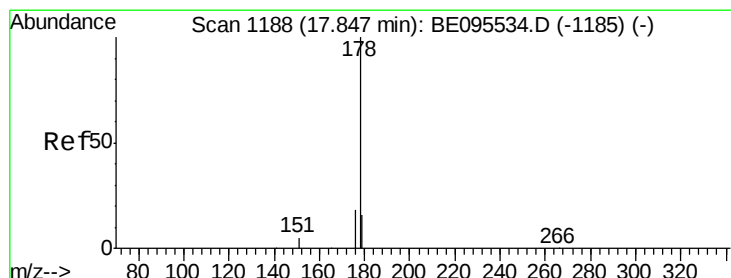
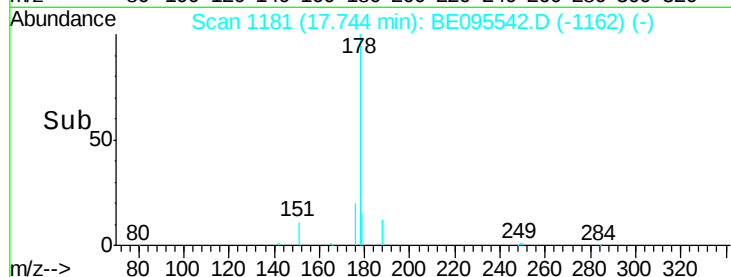
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.004 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

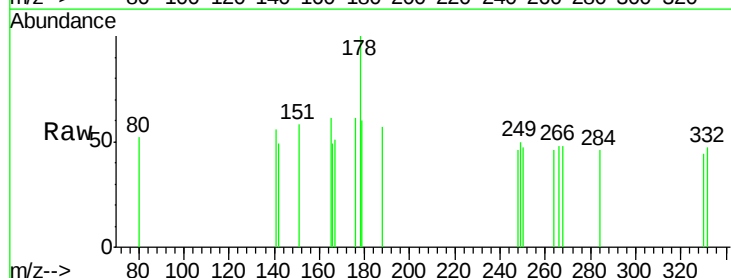
Tgt Ion:178 Resp: 74

Ion Ratio Lower Upper

178 100

176 27.0 12.8 19.2#

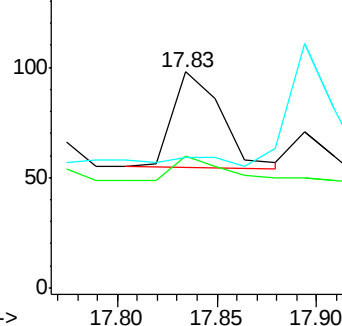
179 0.0 13.0 19.6#



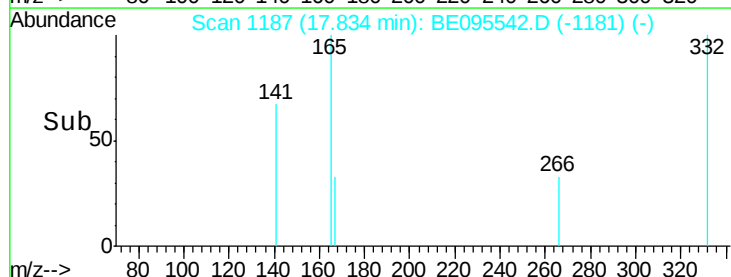
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

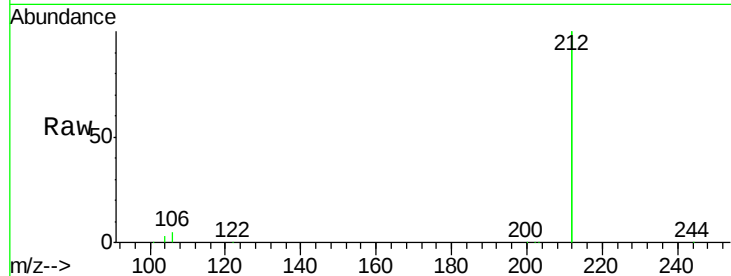
Tot Ion:212 Resp: 37126

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

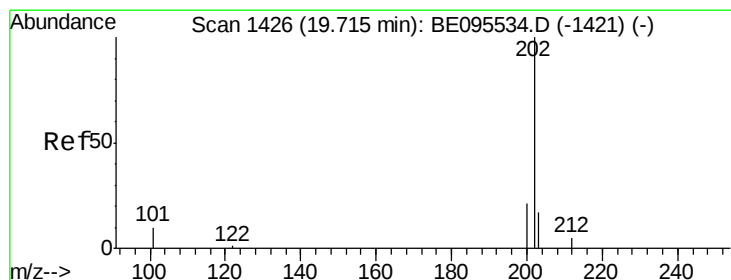
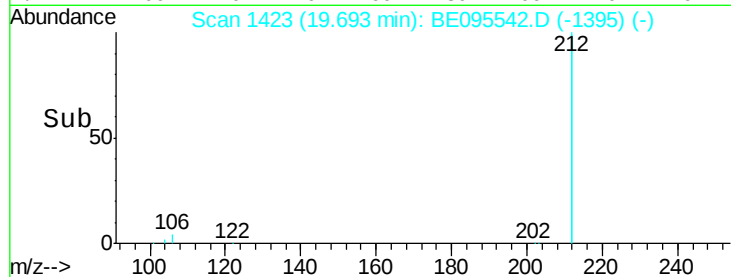
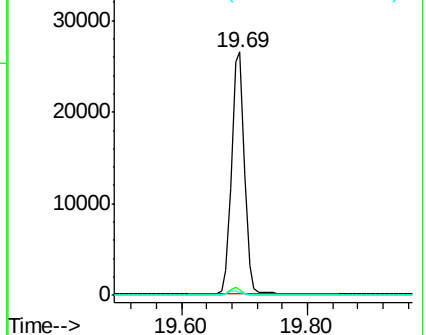
104 1.8 1.6 2.4



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: 0.011 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

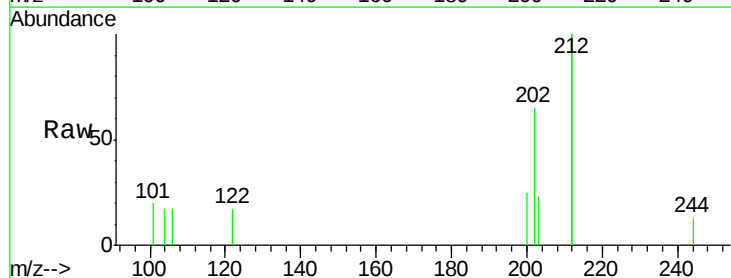
Tgt Ion:202 Resp: 273

Ion Ratio Lower Upper

202 100

101 9.2 9.8 14.8#

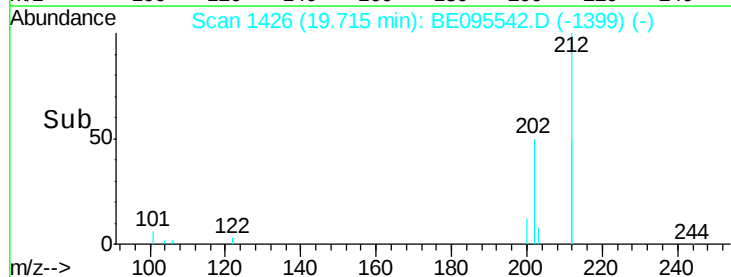
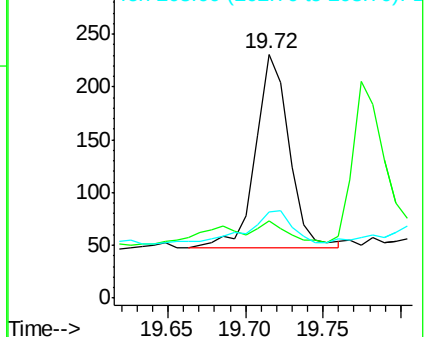
203 24.5 13.7 20.5#

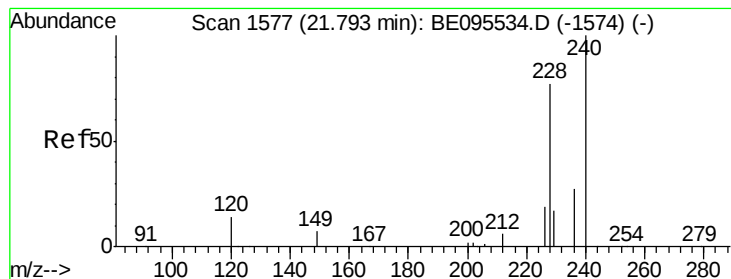


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.81 min Scan# 1578

Delta R.T. 0.02 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

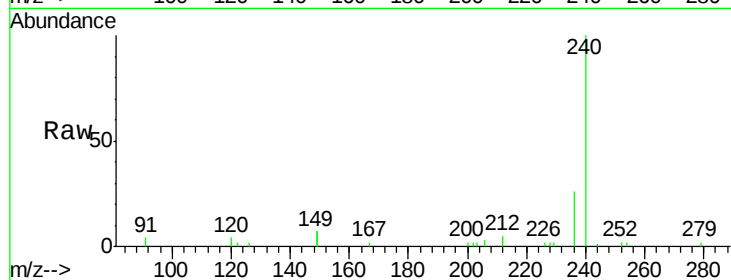
Tot Ion:240 Resp: 6225

Ion Ratio Lower Upper

240 100

120 4.3 5.5 8.3#

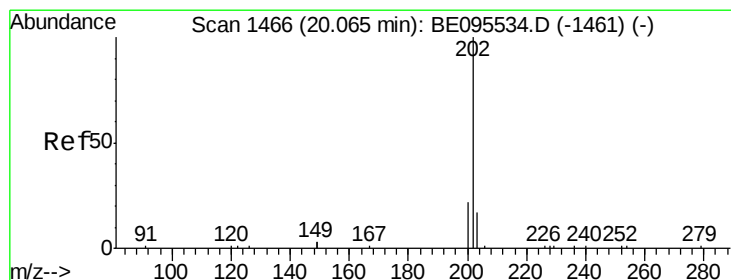
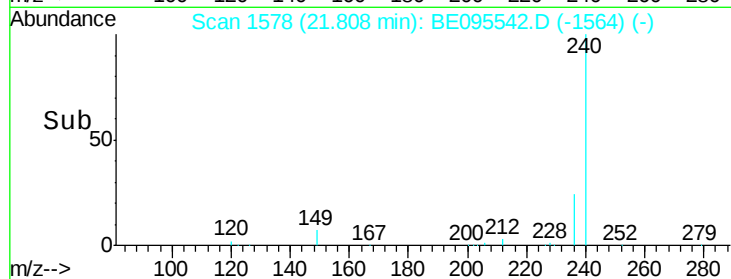
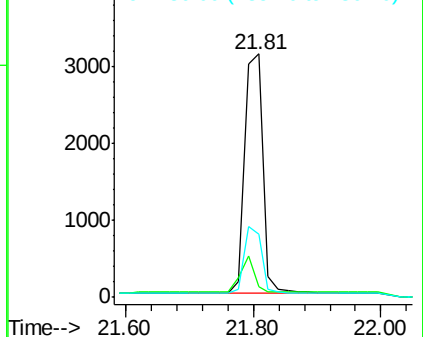
236 25.7 20.7 31.1



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: 0.008 ng

RT: 20.07 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

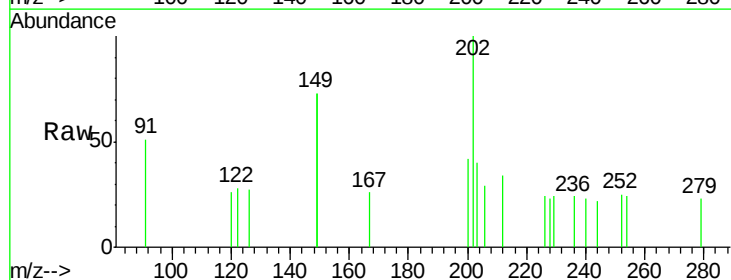
Tgt Ion:202 Resp: 220

Ion Ratio Lower Upper

202 100

200 25.9 16.6 25.0#

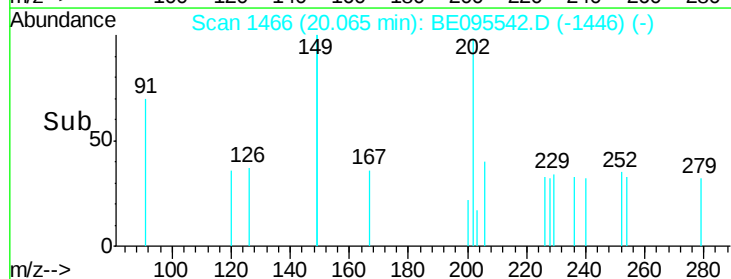
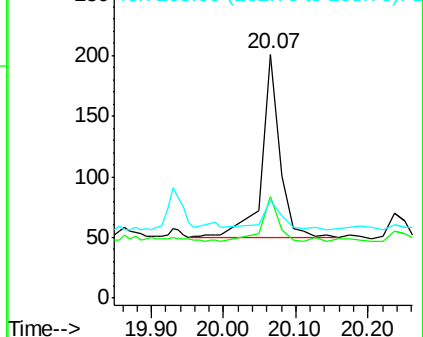
203 26.4 13.8 20.8#



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: 0.620 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

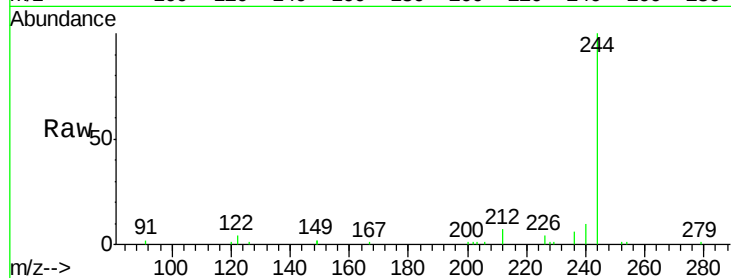
Tot Ion:244 Resp: 8219

Ion Ratio Lower Upper

244 100

212 7.3 25.4 38.0#

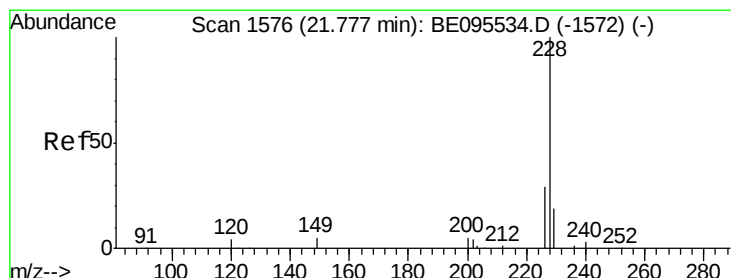
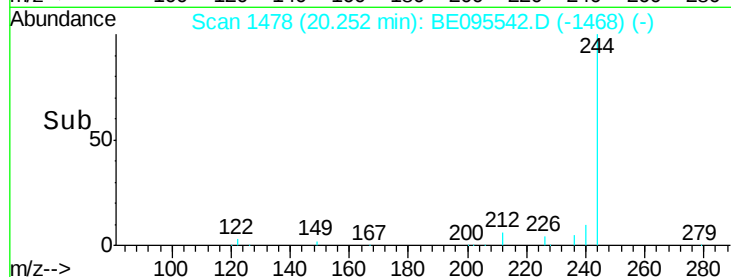
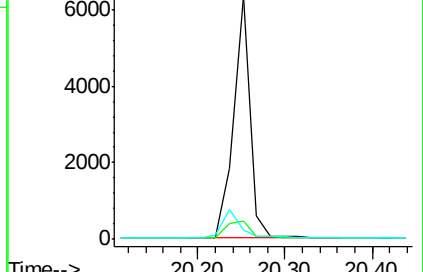
122 3.8 8.1 12.1#



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: 0.007 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

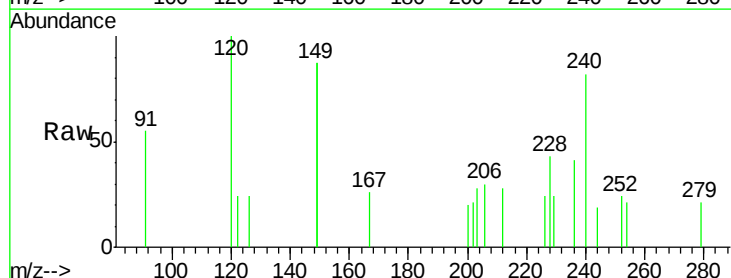
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

228 100

226 56.9 24.0 36.0#

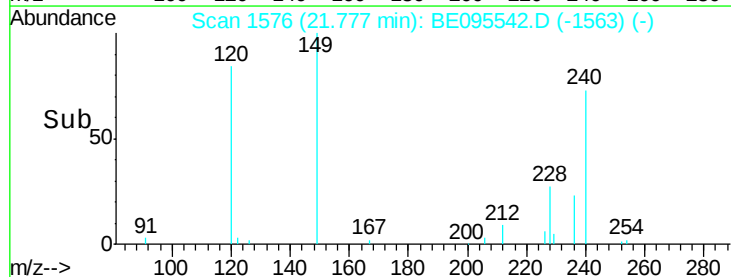
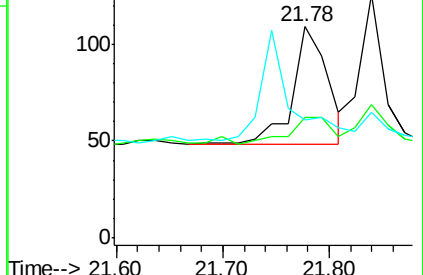
229 56.0 16.0 24.0#

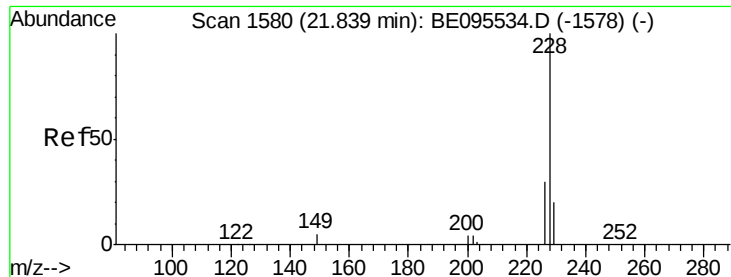


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

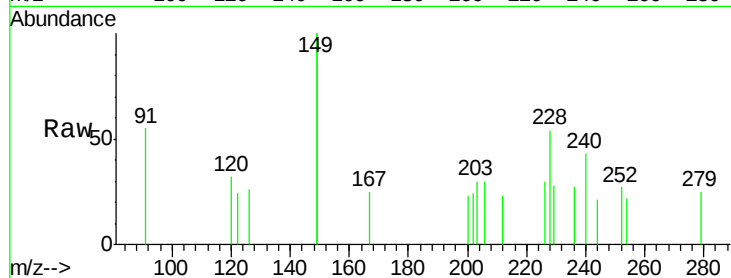
Tot Ion:228 Resp: 120

Ion Ratio Lower Upper

228 100

226 54.8 24.0 36.0#

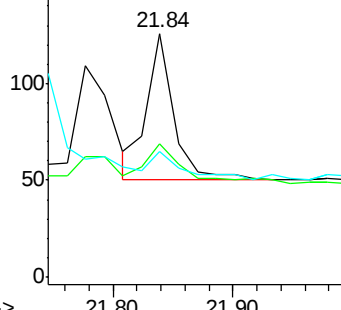
229 51.6 16.0 24.0#



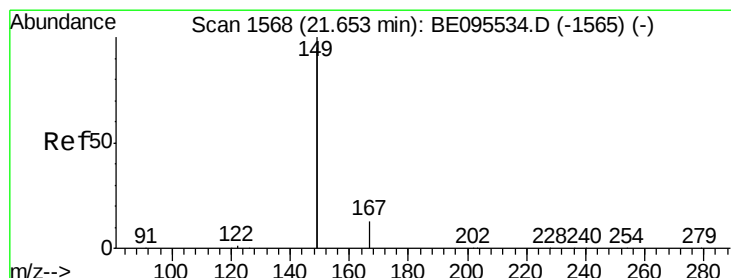
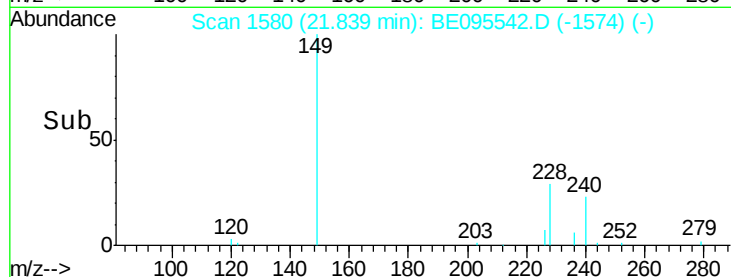
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

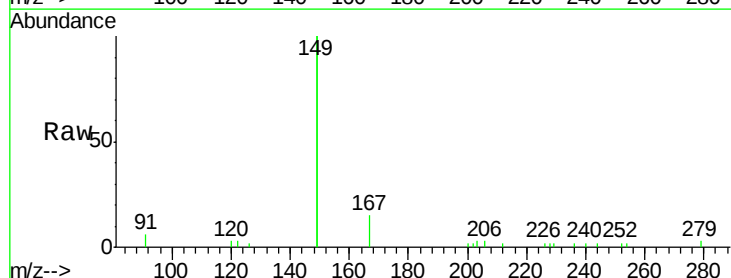
Tgt Ion:149 Resp: 5724

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

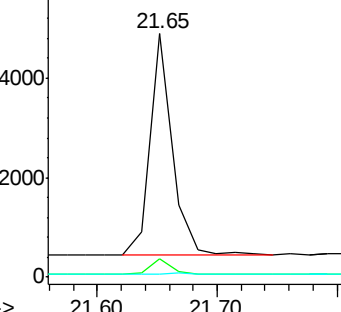
279 0.8 0.7 1.1



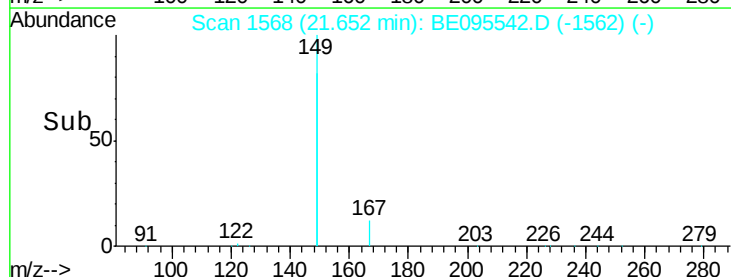
Abundance Ion 149.00 (148.70 to 149.70): E

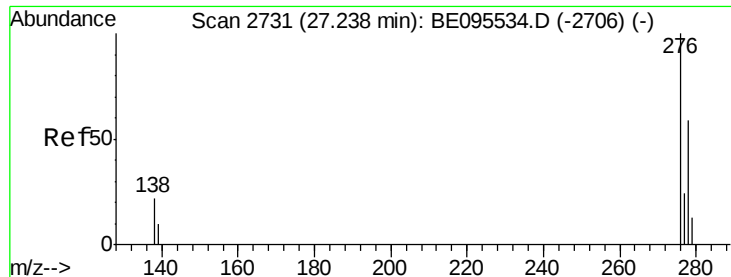
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

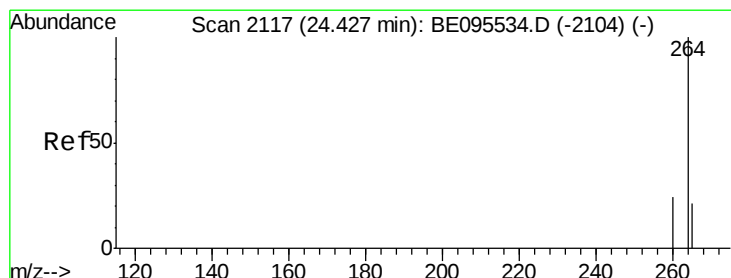
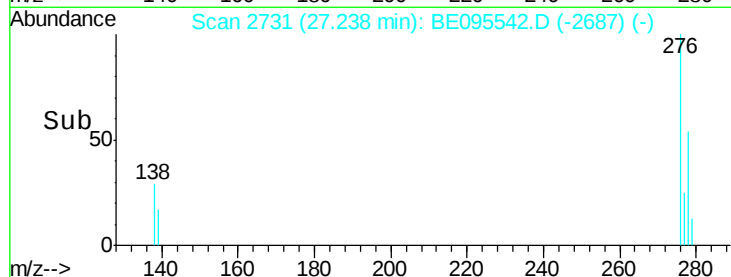
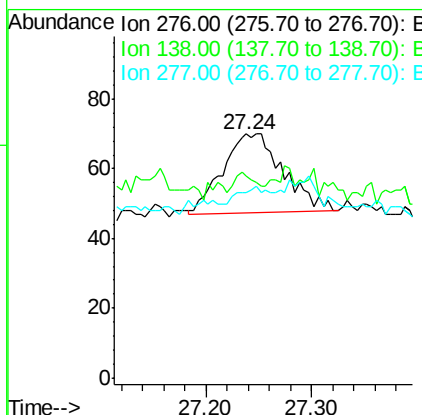
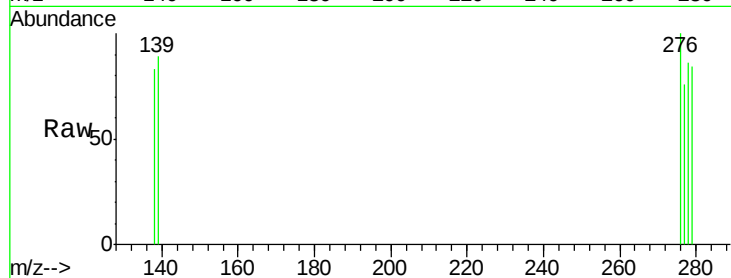




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 27.24 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

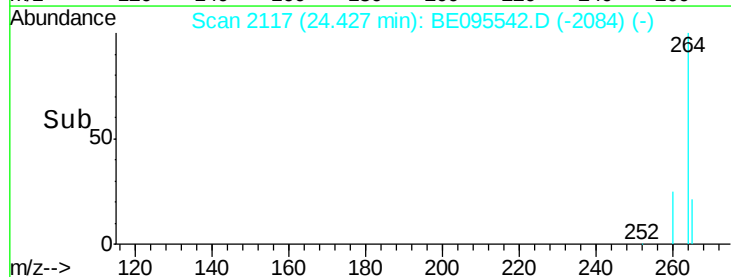
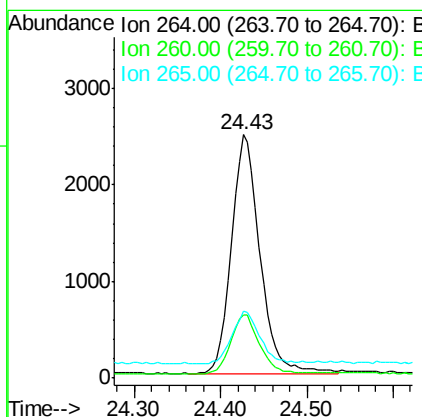
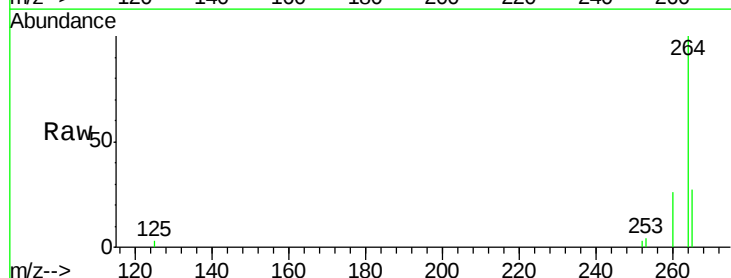
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-180123

Tot Ion:276 Resp: 90
 Ion Ratio Lower Upper
 276 100
 138 8.9 22.5 33.7#
 277 15.6 19.9 29.9#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BE095542.D
 Acq: 6 Feb 2018 22:50

Tgt Ion:264 Resp: 5689
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 27.4 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.61 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

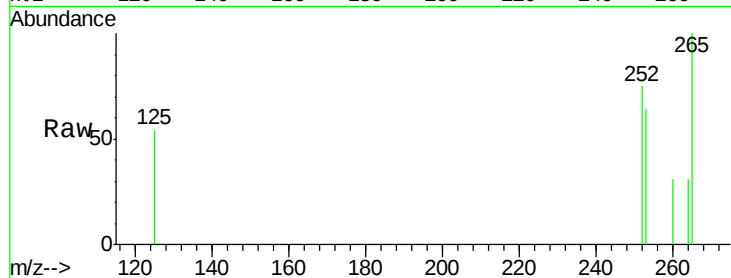
Tot Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

253 86.0 20.0 30.0#

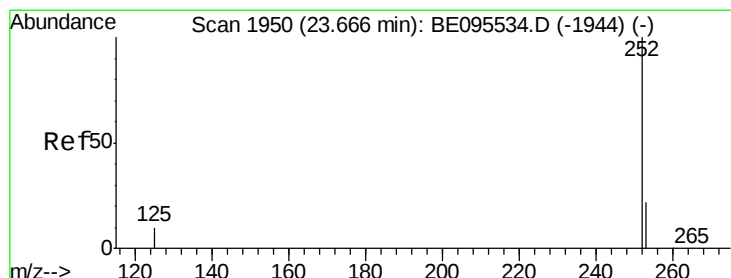
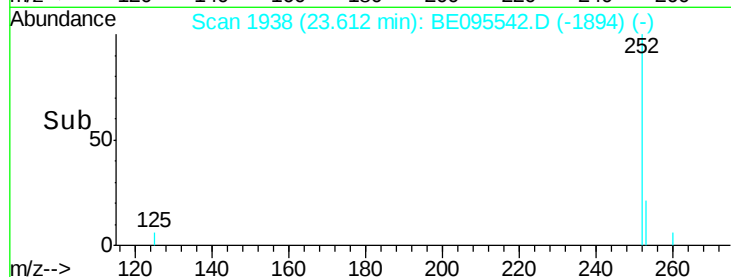
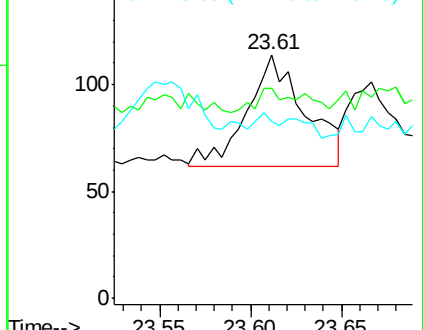
125 72.8 16.0 24.0#



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: 0.004 ng

RT: 23.67 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

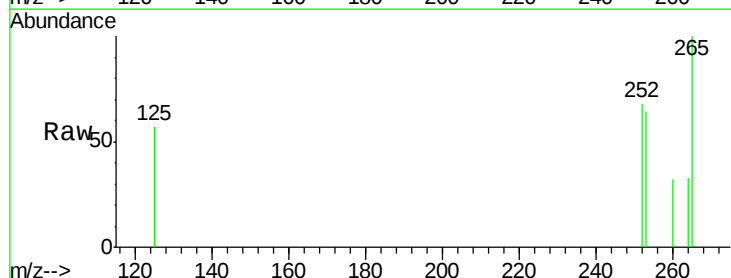
Tgt Ion:252 Resp: 75

Ion Ratio Lower Upper

252 100

253 93.1 16.0 24.0#

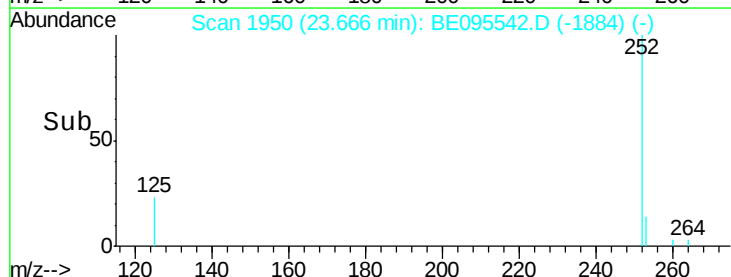
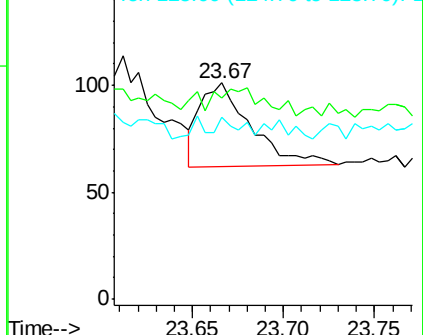
125 84.2 8.0 12.0#



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: 0.003 ng

RT: 24.31 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123

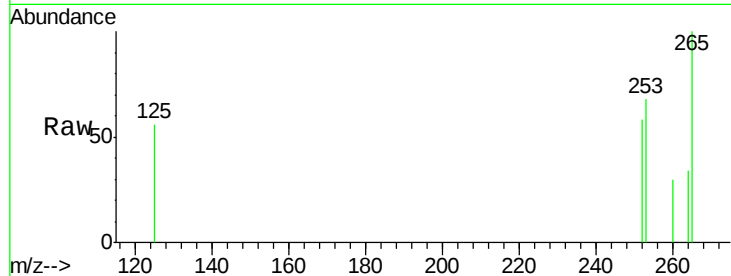
Tot Ion:252 Resp: 56

Ion Ratio Lower Upper

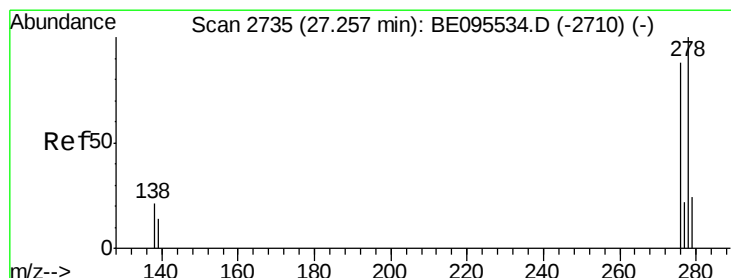
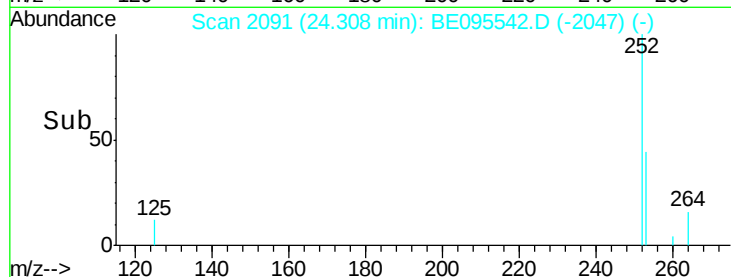
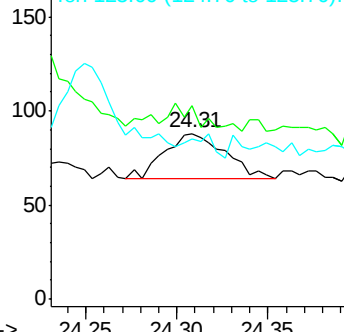
252 100

253 117.0 16.0 24.0#

125 96.6 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: 0.006 ng

RT: 27.26 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BE095542.D

Acq: 6 Feb 2018 22:50

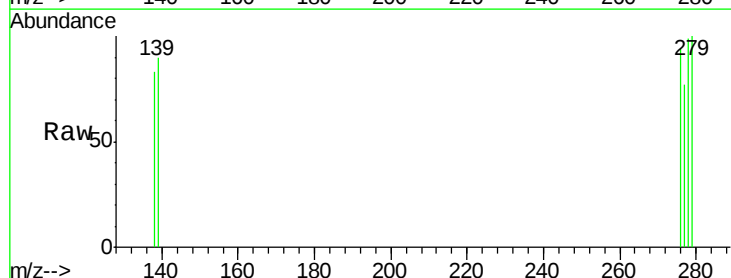
Tgt Ion:278 Resp: 92

Ion Ratio Lower Upper

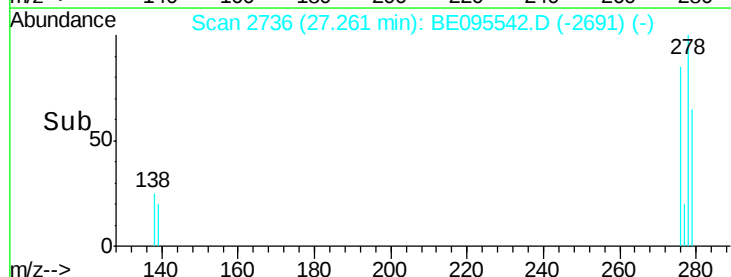
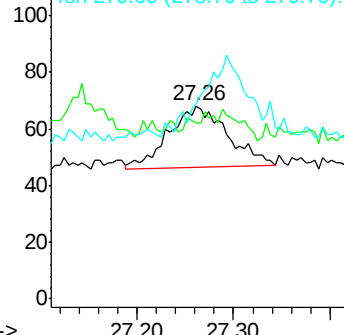
278 100

139 91.2 16.0 24.0#

279 101.5 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: 0.001 ng

RT: 28.10 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BE095542.D

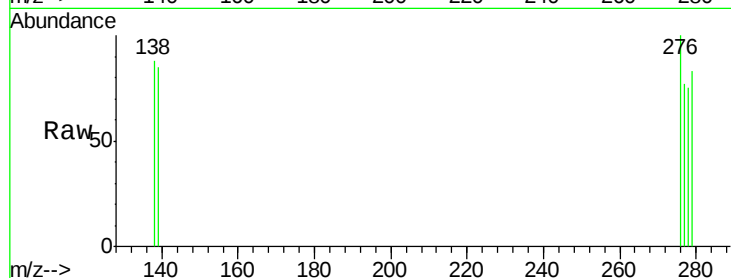
Acq: 6 Feb 2018 22:50

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-180123



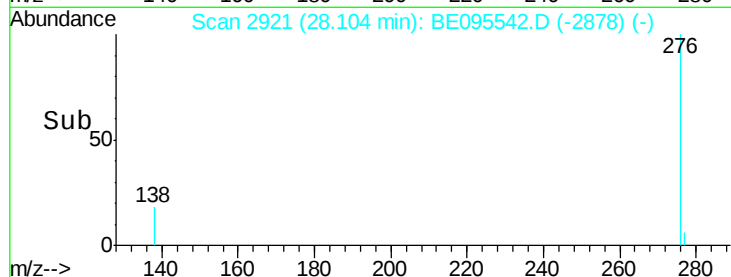
Tot Ion: 276 Resp: 24

Ion Ratio Lower Upper

276 100

277 76.9 16.0 24.0#

138 87.7 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

