

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098311.D
 Acq On : 10 Dec 2018 23:07
 Operator : SJ/JU
 Sample : J6241-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181204

Quant Time: Dec 11 00:49:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1192	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4999	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3302	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8364	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11269	0.40	ng	0.00
34) Perylene-d12	24.01	264	11025	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	522	0.19	ng	0.01
5) Phenol-d6	7.07	99	370	0.09	ng	0.02
8) Nitrobenzene-d5	9.03	82	1683	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3199	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	443	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7019	0.50	ng	0.00
25) Fluoranthene-d10	19.31	212	49683	0.46	ng	0.00
29) Terphenyl-d14	19.91	244	10968	0.40	ng	0.00

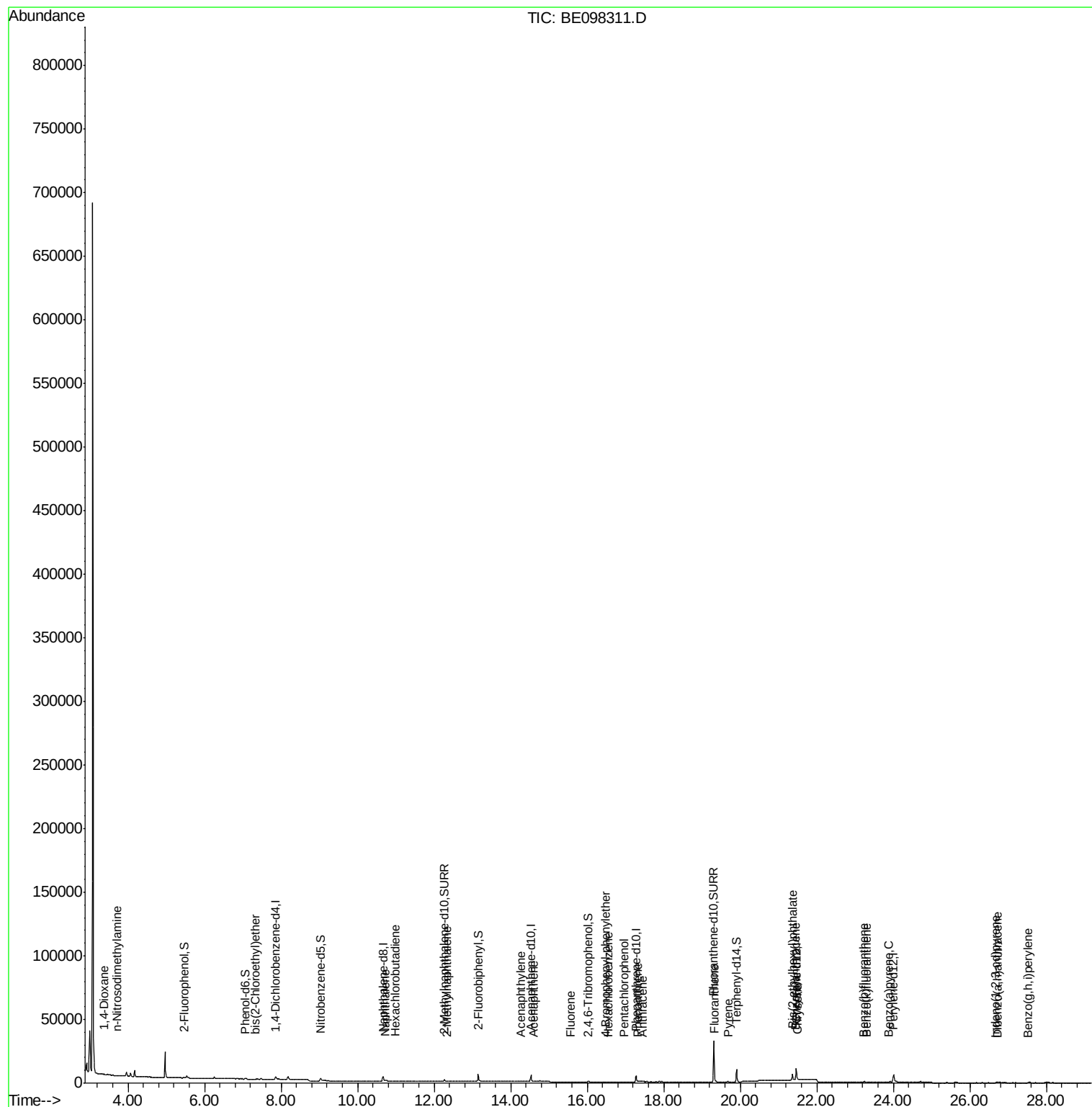
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	160	0.078	ng	# 1
3) n-Nitrosodimethylamine	3.72	42	57	0.031	ng	# 100
6) bis(2-Chloroethyl)ether	7.32	93	23	0.006	ng	# 1
9) Naphthalene	10.72	128	616	0.012	ng	# 71
10) Hexachlorobutadiene	10.98	225	12	0.004	ng	# 29
12) 2-Methylnaphthalene	12.34	142	27	0.003	ng	# 49
16) Acenaphthylene	14.25	152	24	0.002	ng	# 61
17) Acenaphthene	14.60	154	20	0.002	ng	# 67
18) Fluorene	15.57	166	30	0.002	ng	# 38
20) 4-Bromophenyl-phenylether	16.48	248	10	0.002	ng	# 77
21) Hexachlorobenzene	16.56	284	11	0.002	ng	# 42
22) Pentachlorophenol	16.95	266	11	0.031	ng	# 74
23) Phenanthrene	17.32	178	108	0.005	ng	# 88
24) Anthracene	17.43	178	44	0.002	ng	# 42
26) Fluoranthene	19.34	202	107	0.004	ng	# 74
28) Pyrene	19.70	202	112	0.003	ng	# 85
30) Benzo(a)anthracene	21.45	228	125	0.004	ng	# 5
31) Chrysene	21.50	228	97	0.003	ng	# 31
32) Bis(2-ethylhexyl)phthalate	21.37	149	6263	0.096	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.67	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.24	252	136	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.29	252	23	0.001	ng	# 1
37) Benzo(a)pyrene	23.87	252	9	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	27	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.52	276	28	0.001	ng	# 1

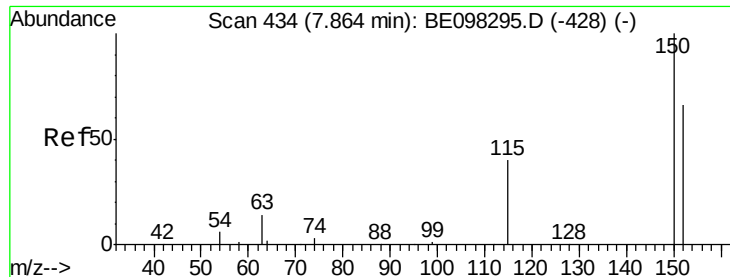
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

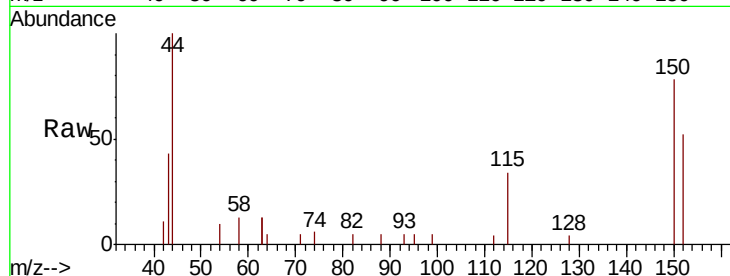
Tgt Ion:152 Resp: 1192

Ion Ratio Lower Upper

152 100

150 148.4 124.2 186.4

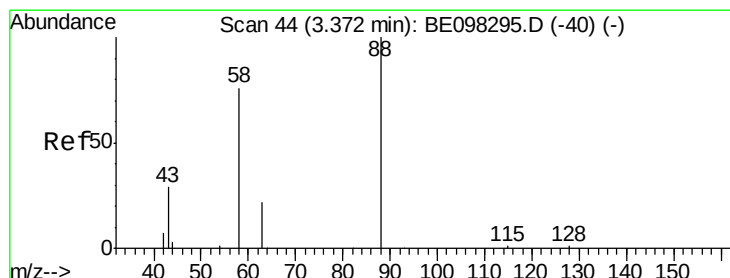
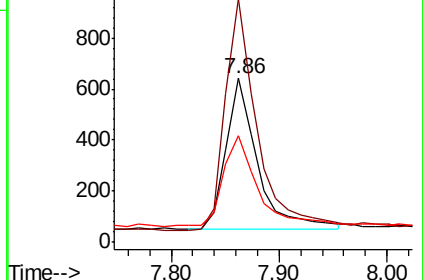
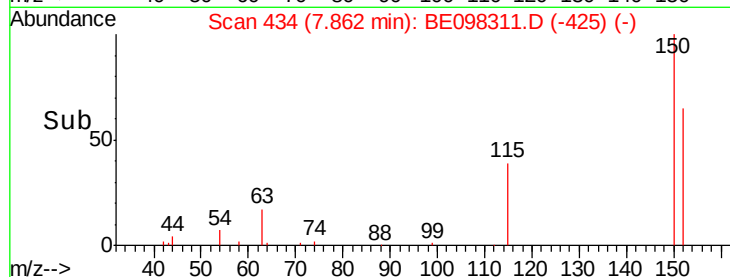
115 65.3 53.9 80.9



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: 0.078 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

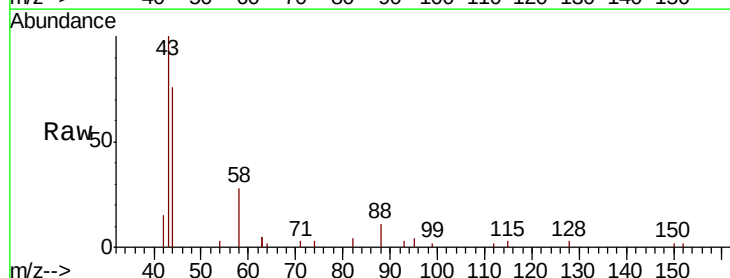
Tgt Ion: 88 Resp: 160

Ion Ratio Lower Upper

88 100

58 226.9 75.0 112.6#

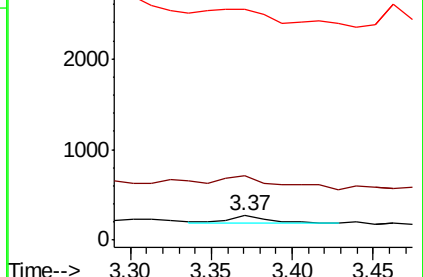
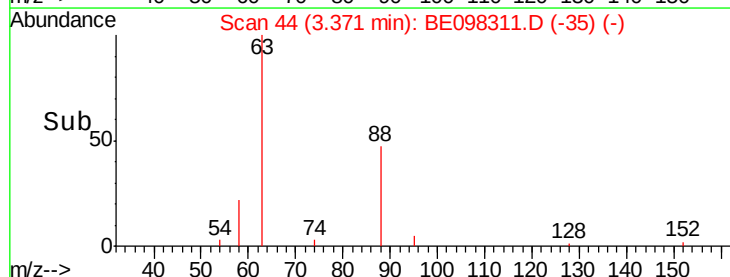
43 0.0 38.3 57.5#

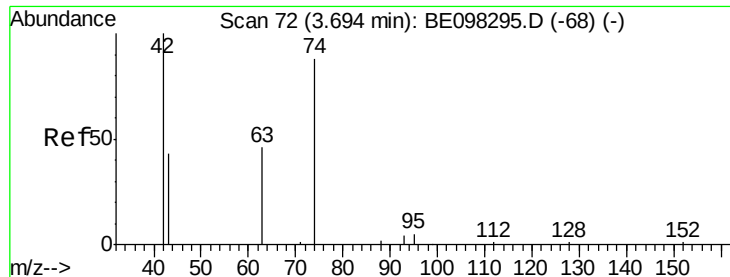


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.031 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

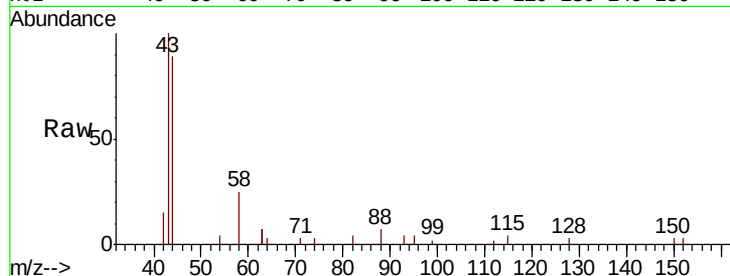
Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

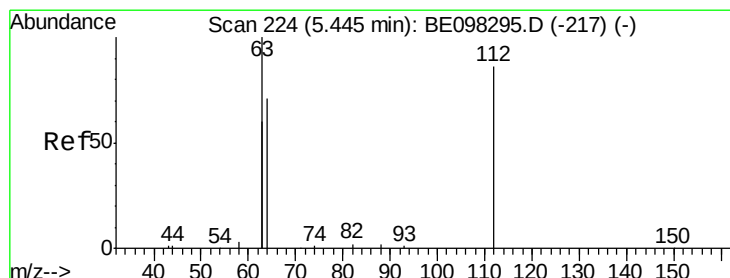
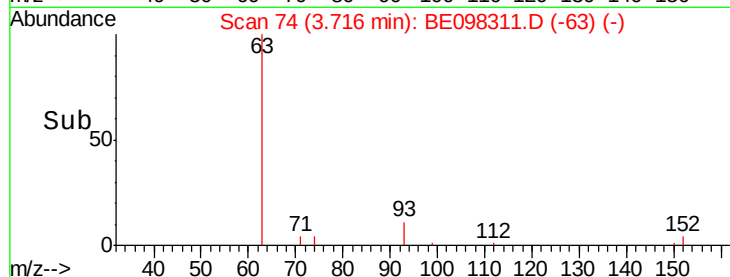
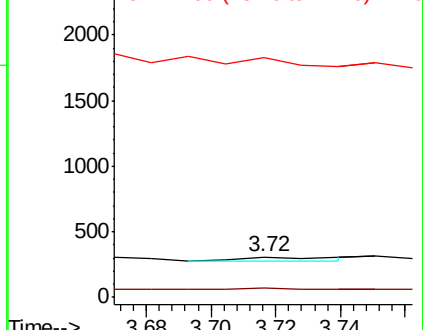
Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
74	24.6	0.0	0.0#
44	0.0	0.0	0.0



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: 0.187 ng

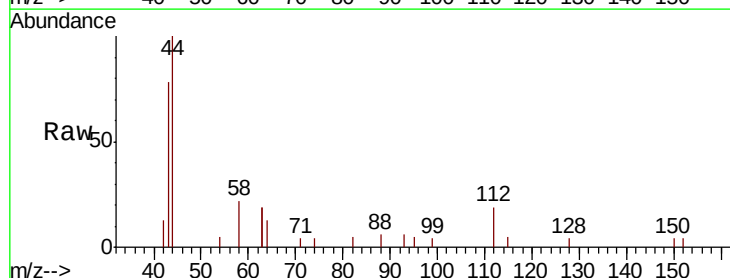
RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

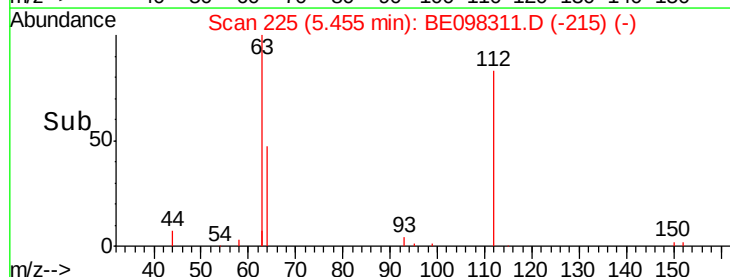
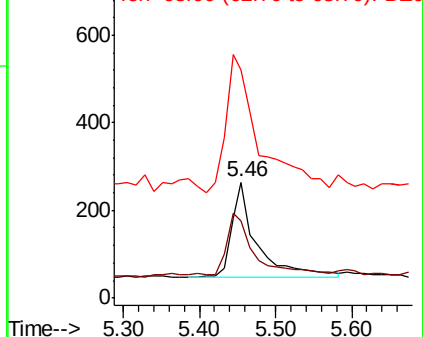
Tgt Ion:	112	Resp:	522
Ion	Ratio	Lower	Upper
112	100		
64	69.2	59.8	89.8
63	189.3	133.7	200.5

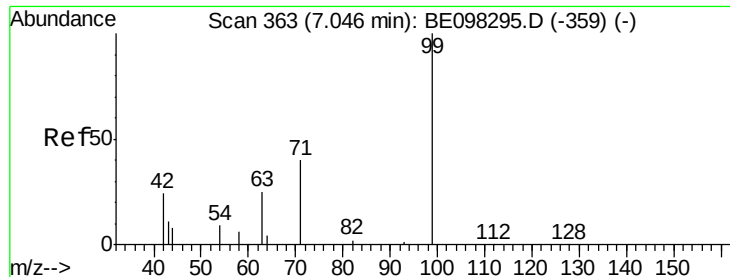


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.094 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

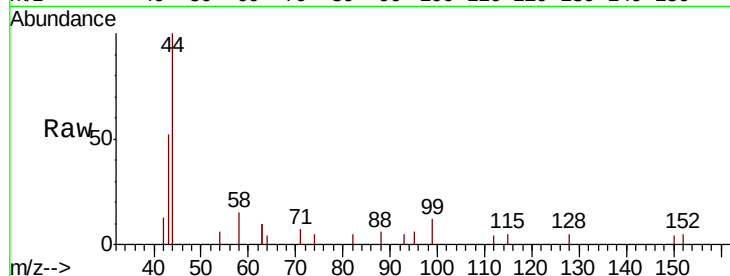
Tgt Ion: 99 Resp: 370

Ion Ratio Lower Upper

99 100

42 33.5 26.3 39.5

71 43.0 33.6 50.4



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

7.07

150

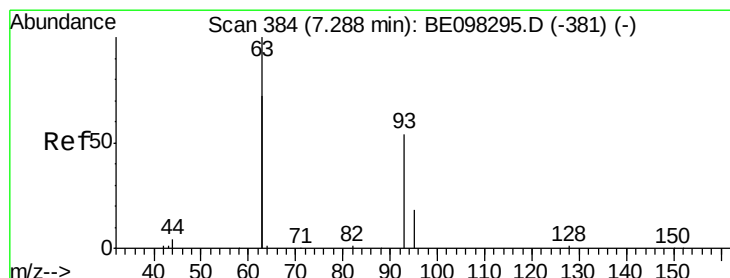
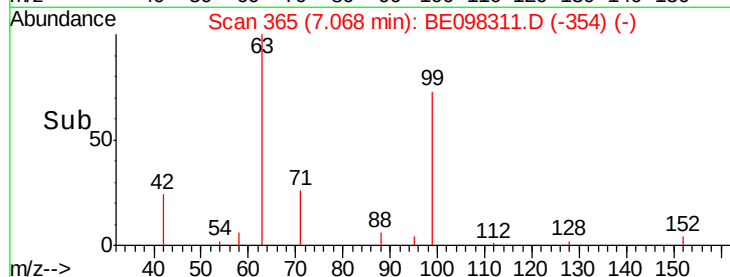
100

50

0

7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.03 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

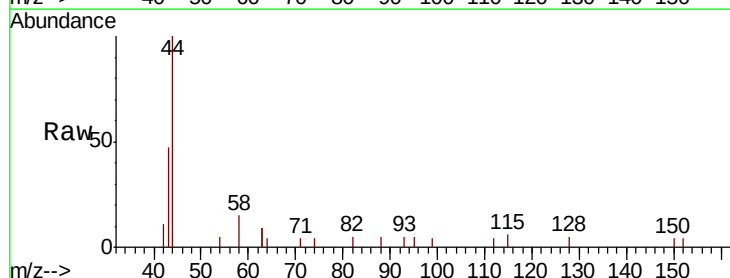
Tgt Ion: 93 Resp: 23

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

95 0.0 26.6 40.0#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

300

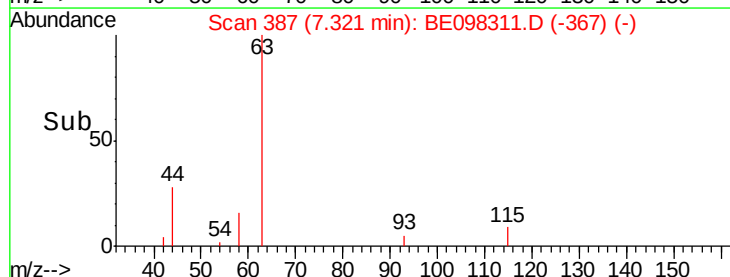
200

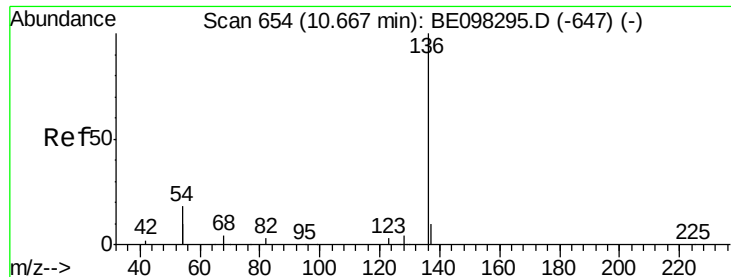
100

0

7.25 7.30 7.35

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

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ClientSampleId :

OUTFALL001-181204

Tgt Ion: 136 Resp: 4999

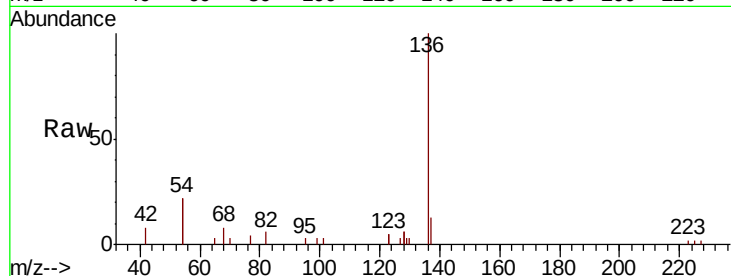
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 44.9 28.4 42.6#

68 7.8 5.4 8.0

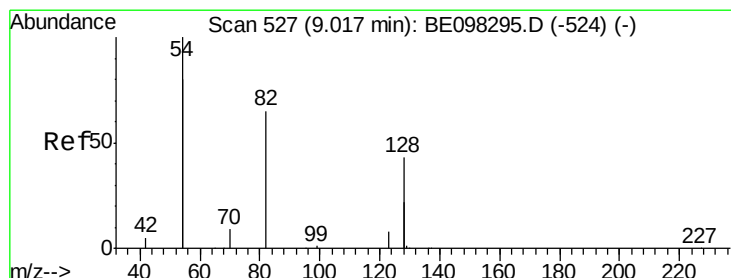
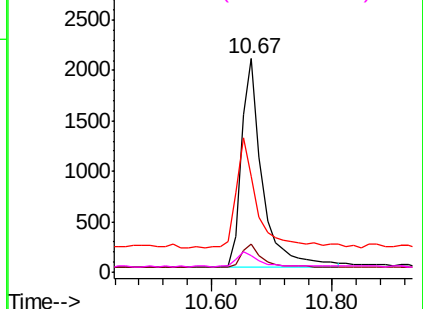
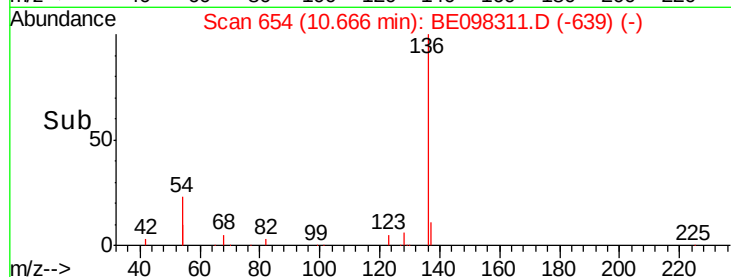


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

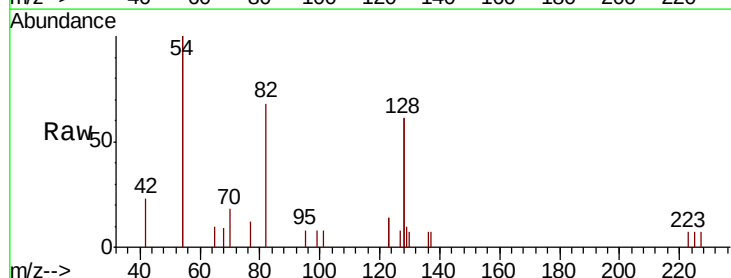
Tgt Ion: 82 Resp: 1683

Ion Ratio Lower Upper

82 100

128 178.5 102.4 153.6#

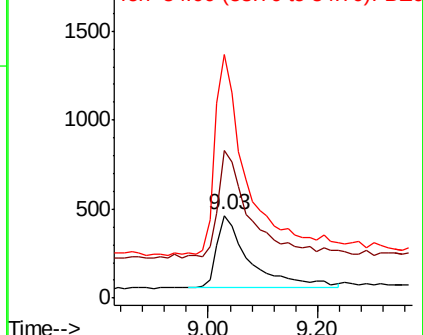
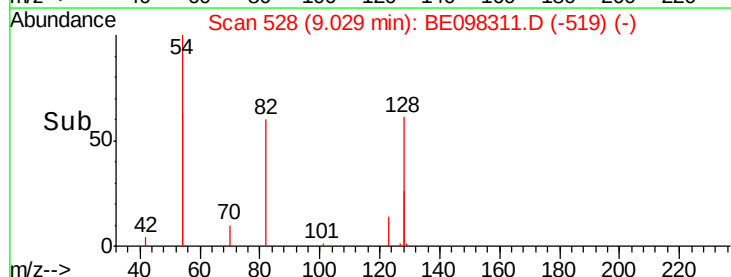
54 293.6 221.8 332.8

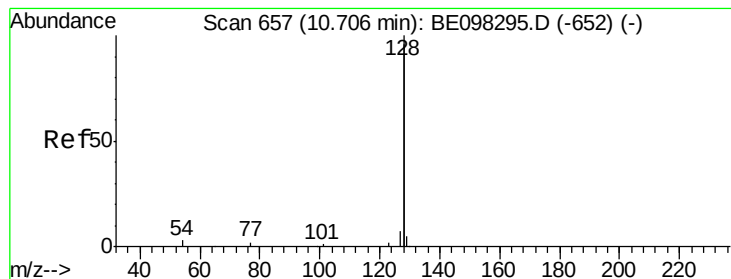


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.012 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

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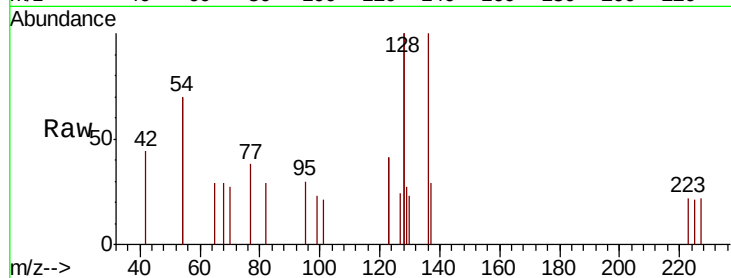
Tgt Ion:128 Resp: 616

Ion Ratio Lower Upper

128 100

129 13.7 2.5 3.7#

127 12.1 2.7 4.1#



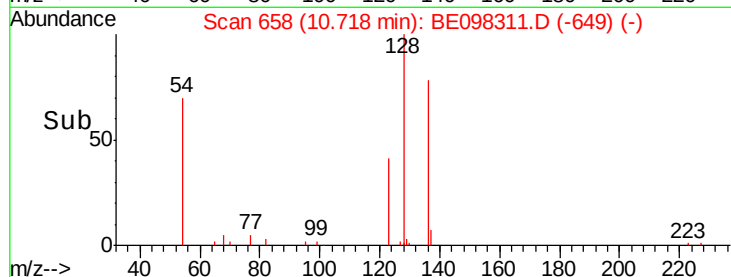
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

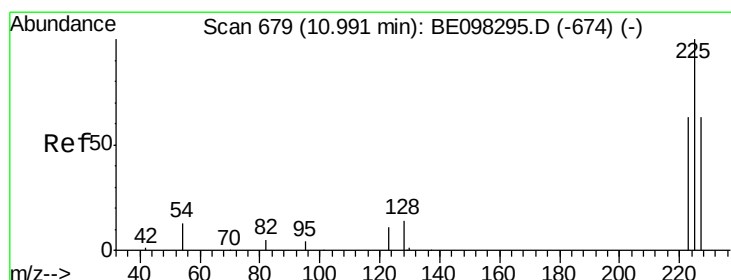
Ion 127.00 (126.70 to 127.70): E

10.72

Time-->



Time-->



#10

Hexachlorobutadiene

Concen: 0.004 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

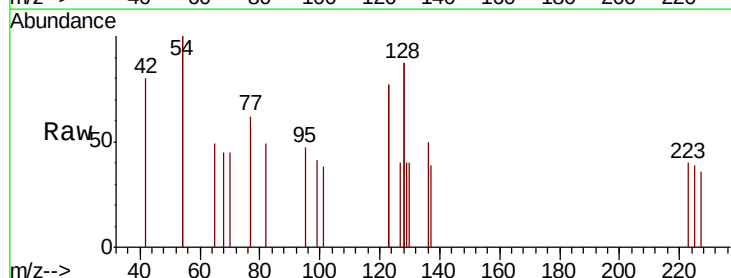
Tgt Ion:225 Resp: 12

Ion Ratio Lower Upper

225 100

223 16.7 49.4 74.0#

227 0.0 52.0 78.0#



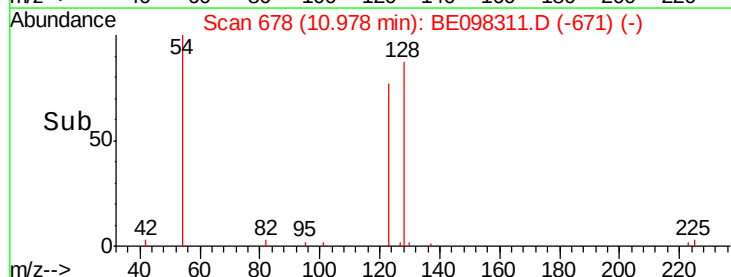
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

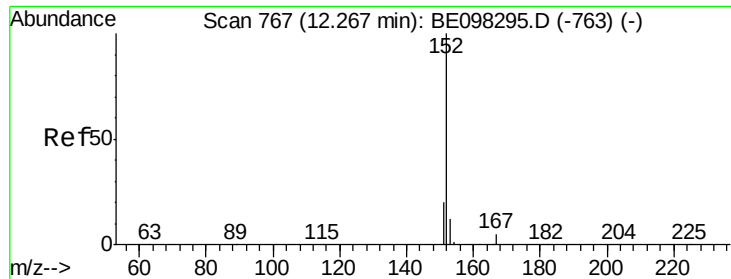
Ion 227.00 (226.70 to 227.70): E

10.98

Time-->



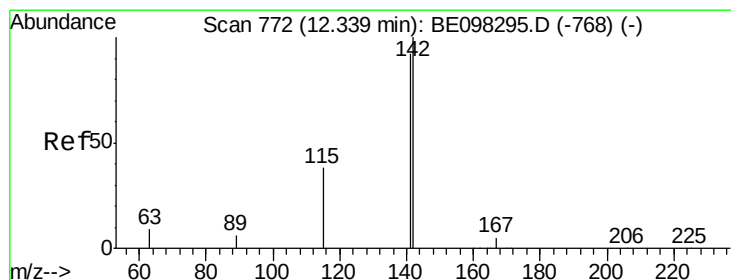
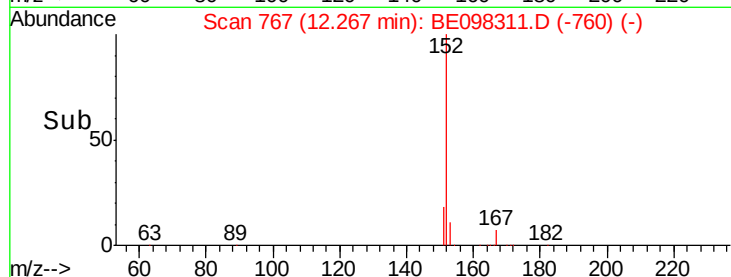
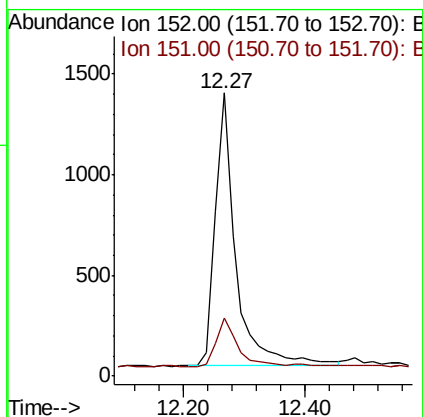
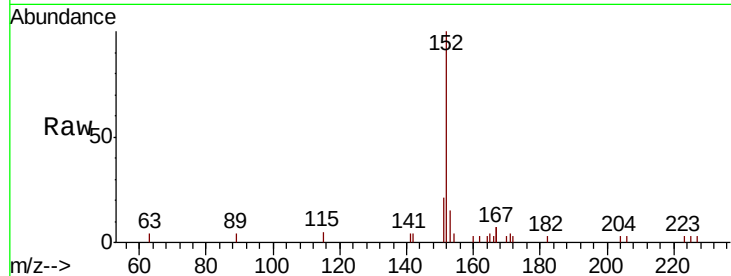
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098311.D
 Acq: 10 Dec 2018 23:07

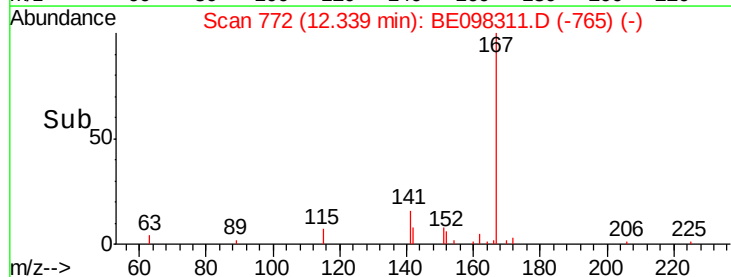
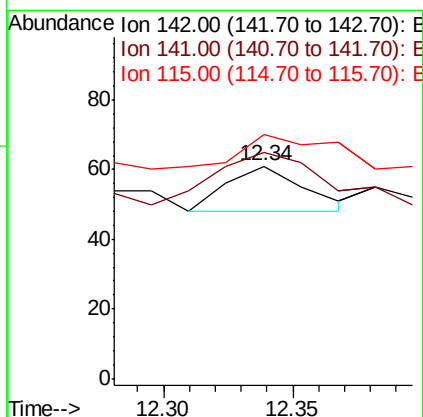
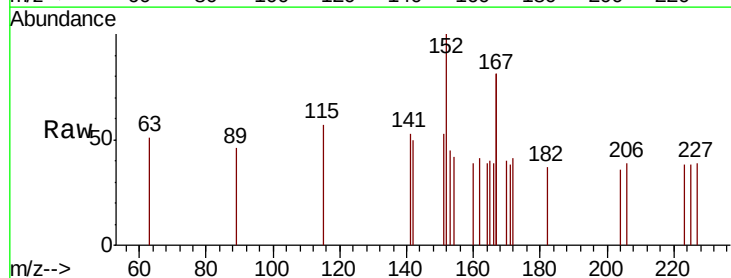
Instrument :
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 OUTFALL001-181204

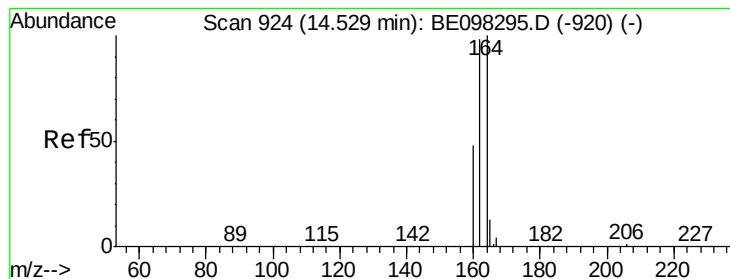
Tgt Ion:152 Resp: 3199
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.003 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE098311.D
 Acq: 10 Dec 2018 23:07

Tgt Ion:142 Resp: 27
 Ion Ratio Lower Upper
 142 100
 141 106.6 71.0 106.6
 115 114.8 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

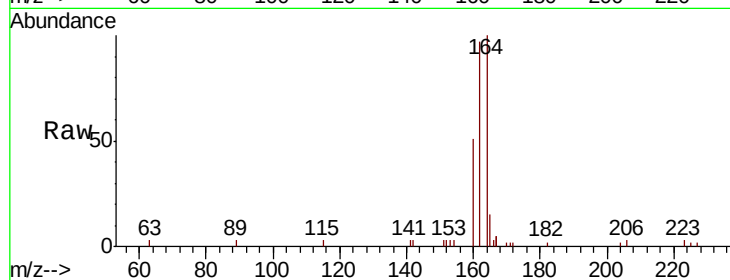
Tgt Ion:164 Resp: 3302

Ion Ratio Lower Upper

164 100

162 97.2 77.6 116.4

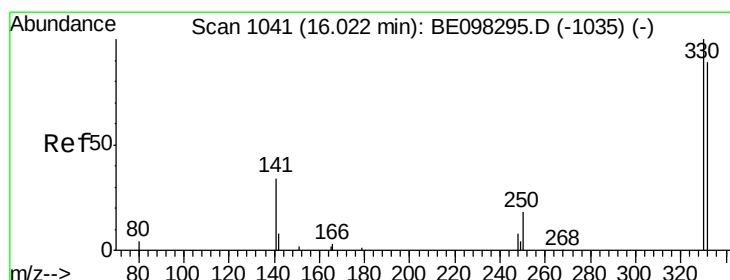
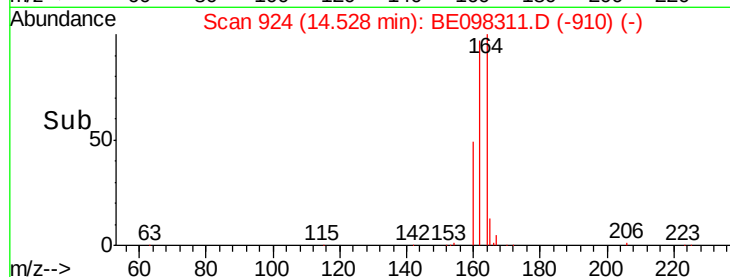
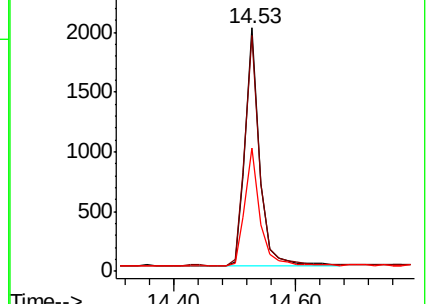
160 50.6 36.0 54.0



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: 0.365 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

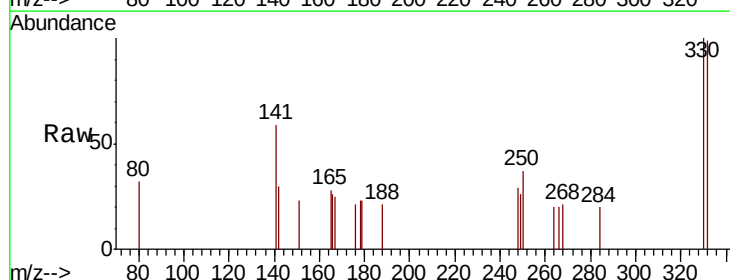
Tgt Ion:330 Resp: 443

Ion Ratio Lower Upper

330 100

332 98.0 76.2 114.4

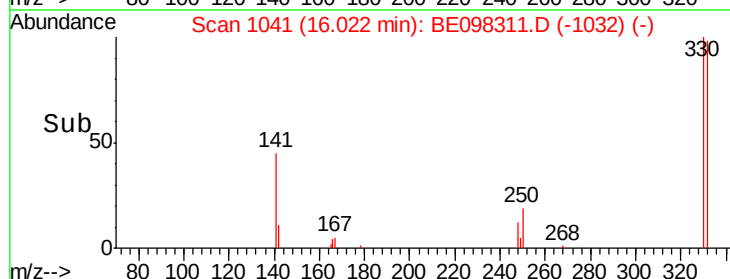
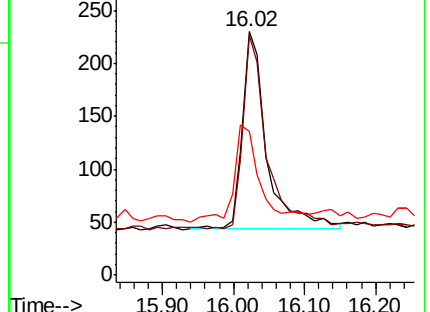
141 53.3 39.0 58.4

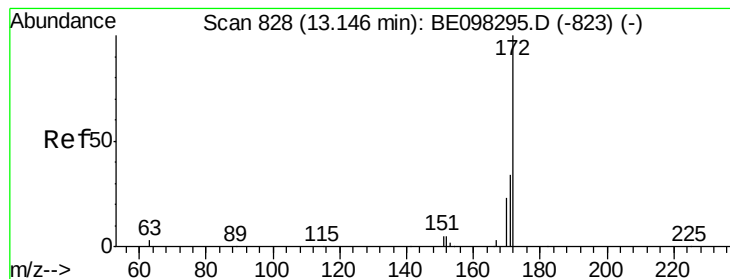


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.504 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

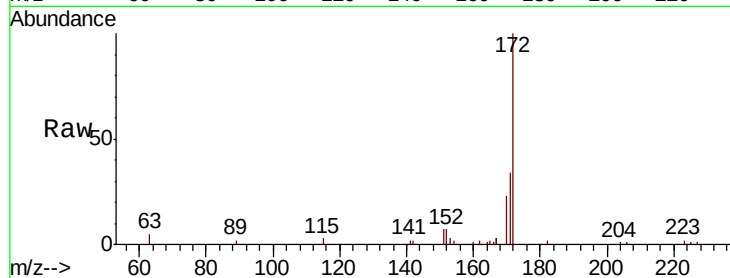
Tgt Ion:172 Resp: 7019

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

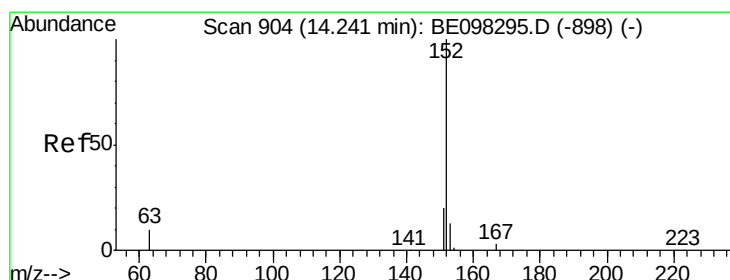
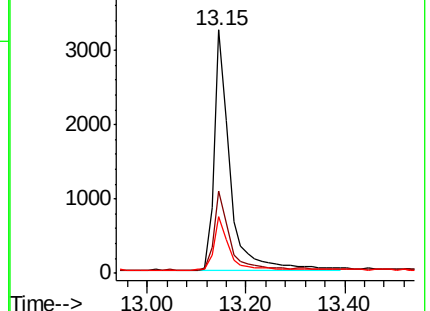
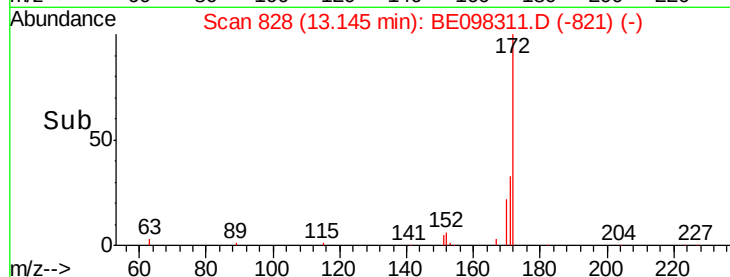
170 23.4 19.6 29.4



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: 0.002 ng

RT: 14.25 min Scan# 905

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

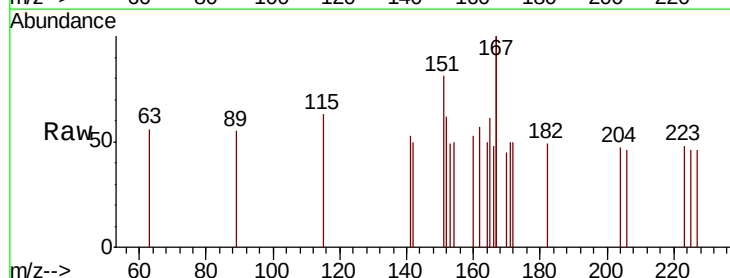
Tgt Ion:152 Resp: 24

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#

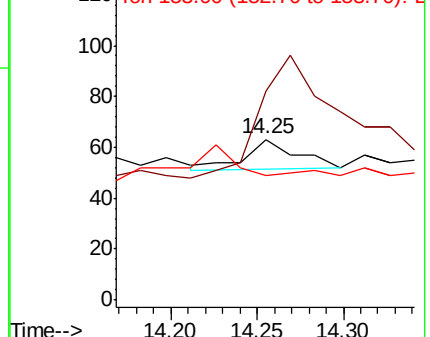
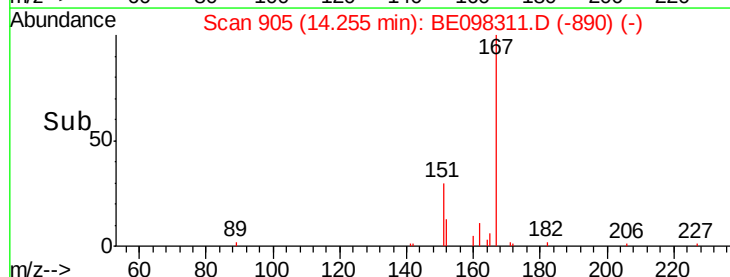
153 0.0 10.6 16.0#

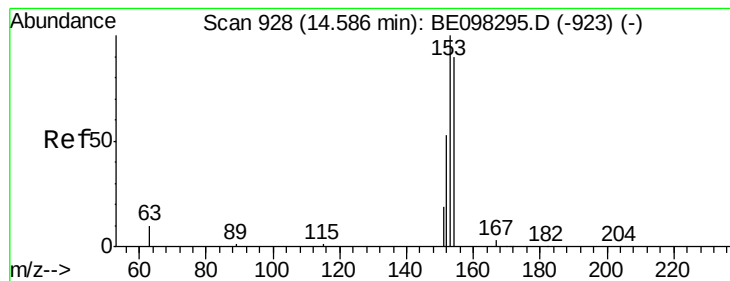


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.002 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

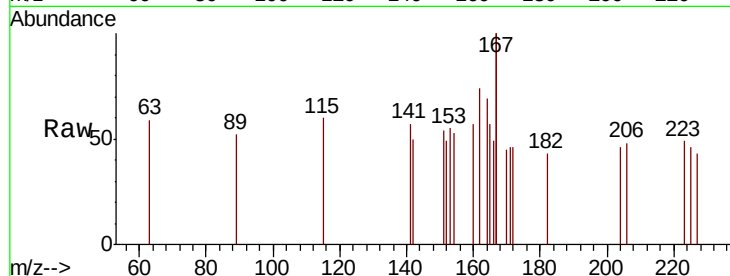
Tgt Ion:154 Resp: 20

Ion Ratio Lower Upper

154 100

153 85.0 91.8 137.6#

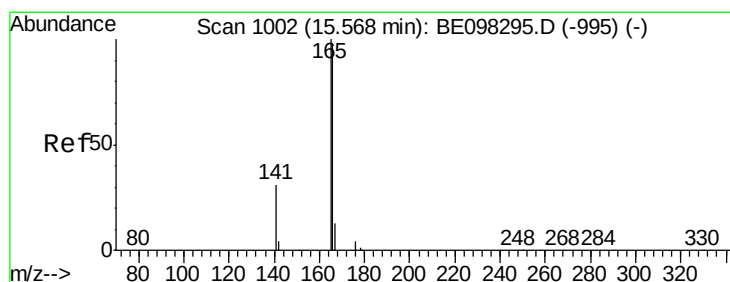
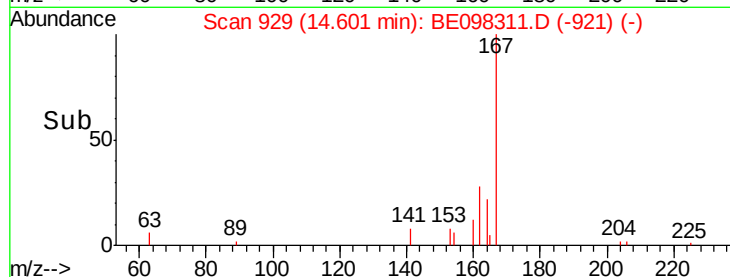
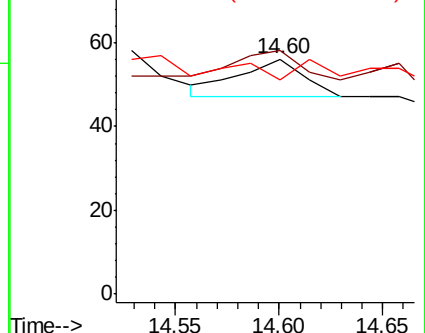
152 25.0 45.5 68.3#



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: 0.002 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

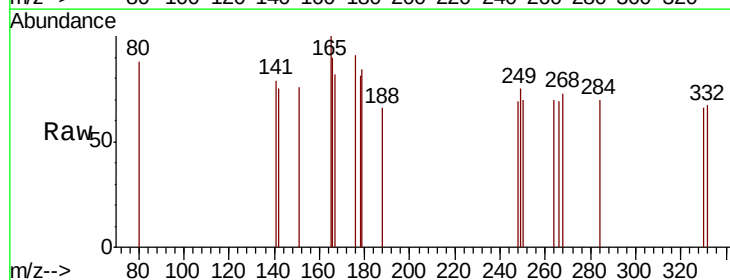
Tgt Ion:166 Resp: 30

Ion Ratio Lower Upper

166 100

165 140.0 79.3 118.9#

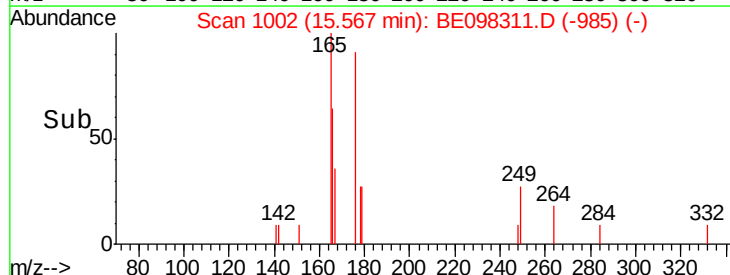
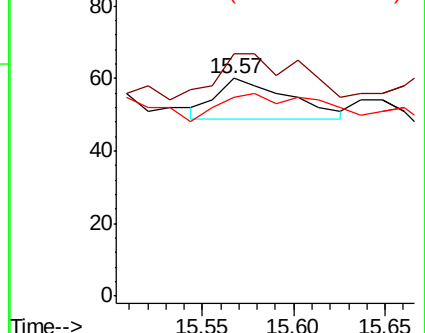
167 100.0 11.3 16.9#

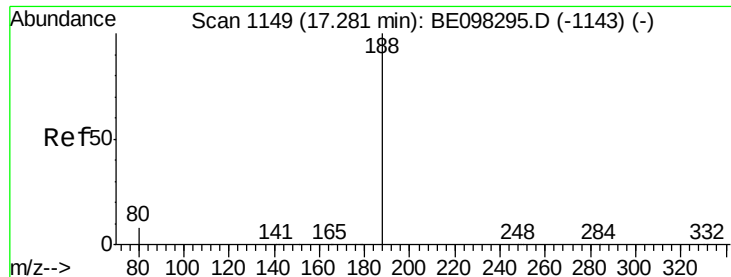


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

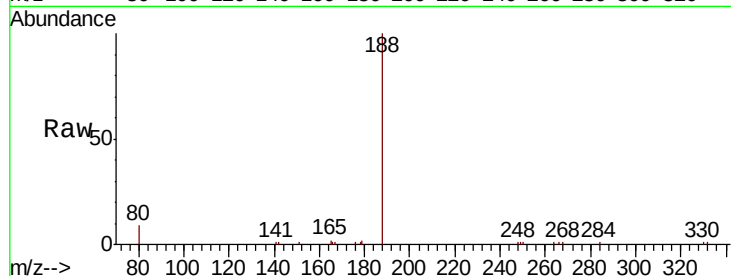
Tgt Ion:188 Resp: 8364

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

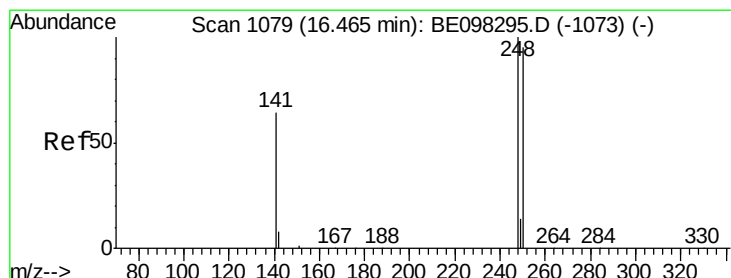
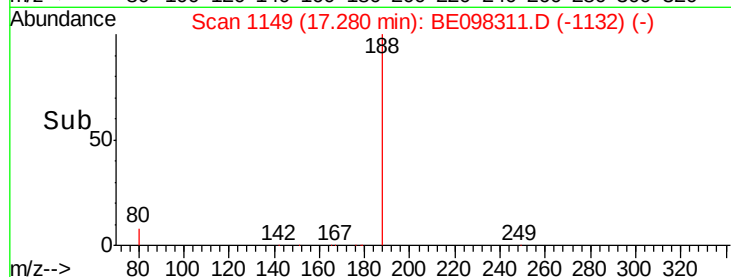
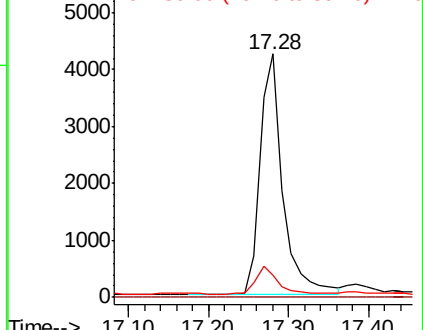
80 9.1 7.2 10.8



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: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

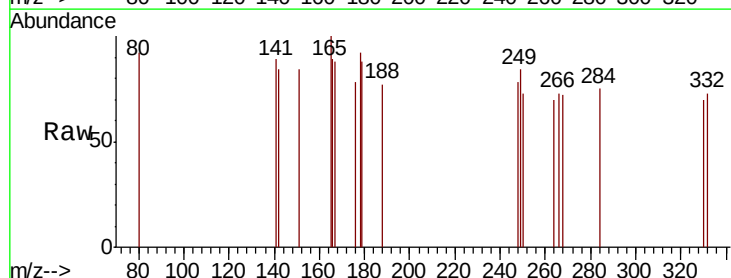
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 94.0 71.0 106.6

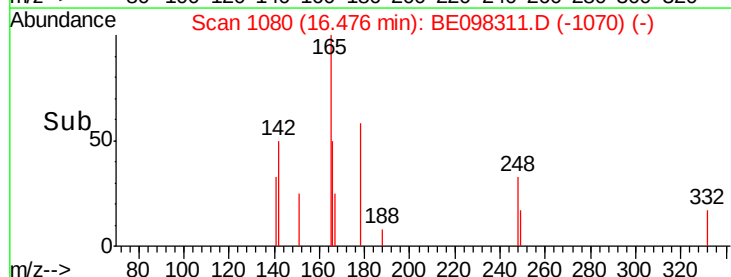
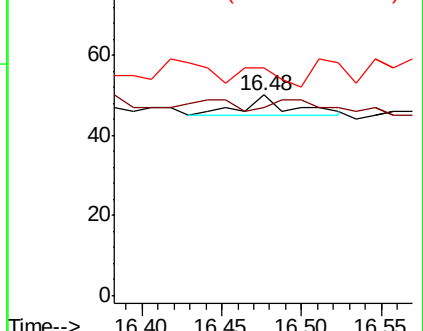
141 114.0 62.1 93.1#

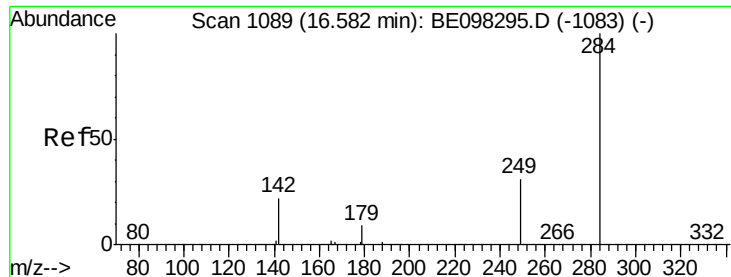


Abundance Ion 248.00 (247.70 to 248.70): E

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: 16.56 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

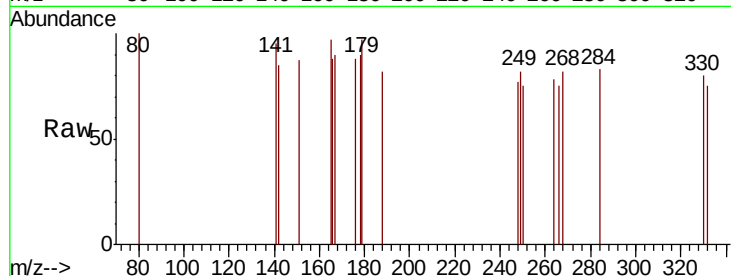
Tgt Ion: 284 Resp: 11

Ion Ratio Lower Upper

284 100

142 0.0 26.3 39.5#

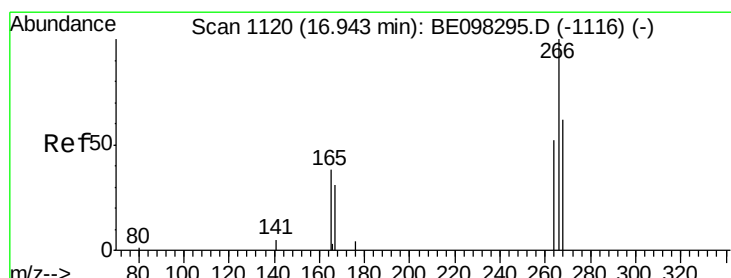
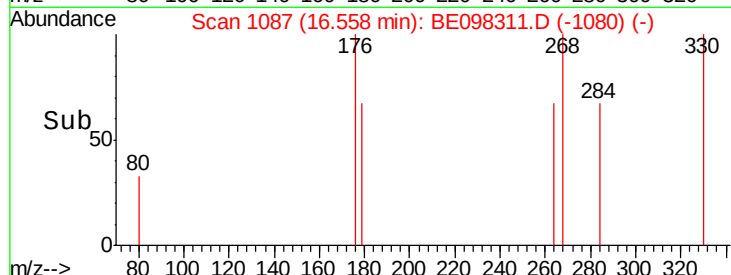
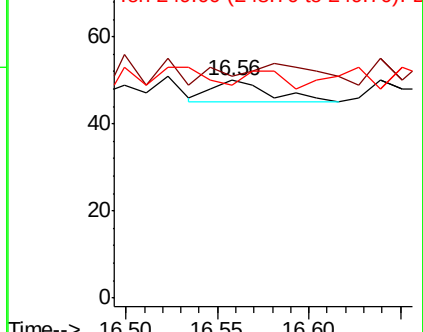
249 0.0 26.0 39.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.031 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

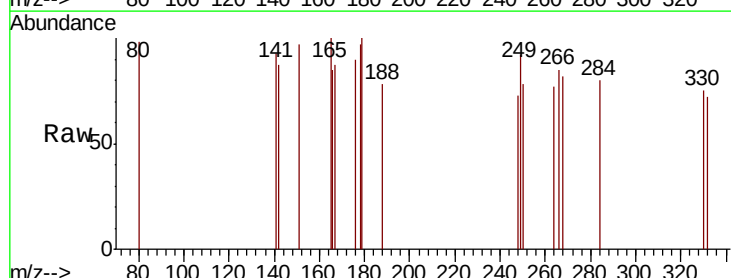
Tgt Ion: 266 Resp: 11

Ion Ratio Lower Upper

266 100

264 90.2 59.0 88.4#

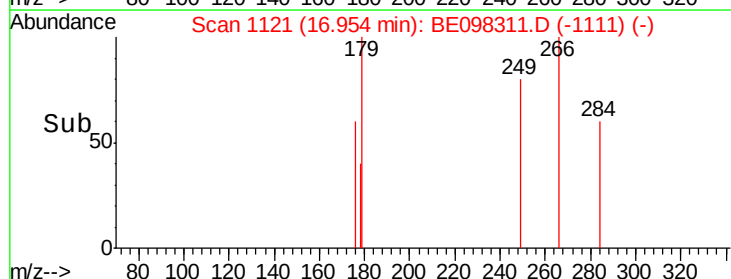
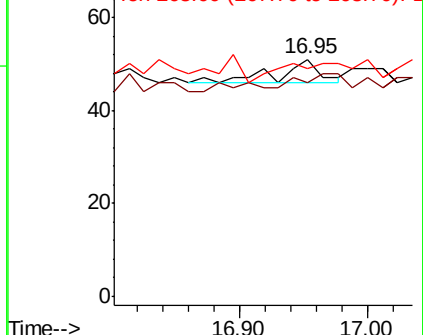
268 96.1 55.1 82.7#

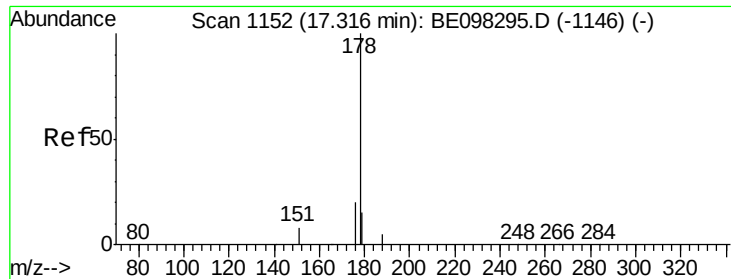


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.005 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

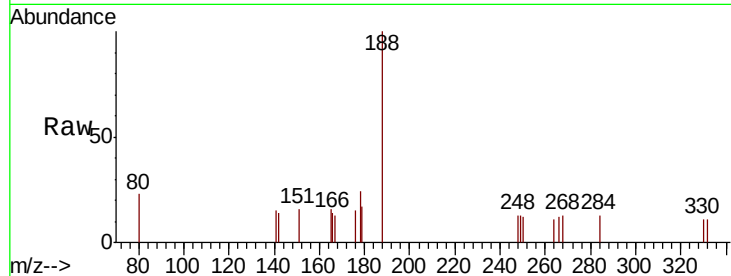
Tgt Ion:178 Resp: 108

Ion Ratio Lower Upper

178 100

176 28.7 15.9 23.9#

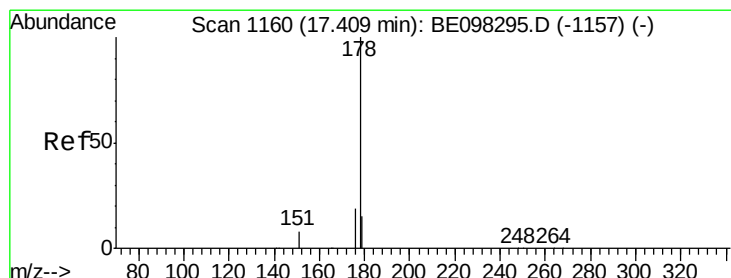
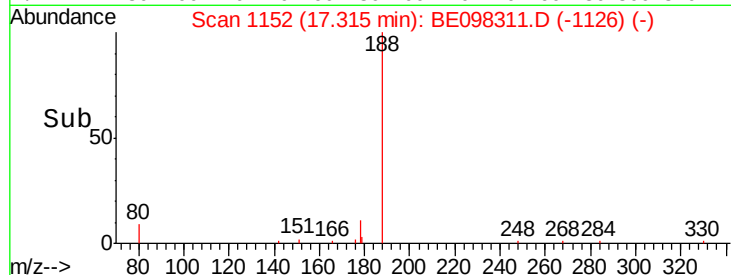
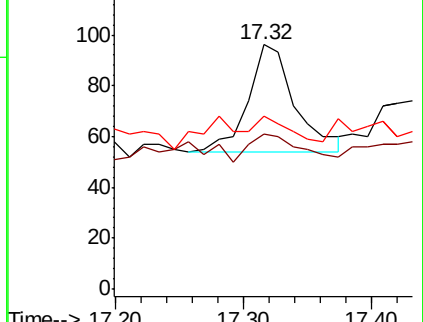
179 13.9 12.3 18.5



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: 0.002 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

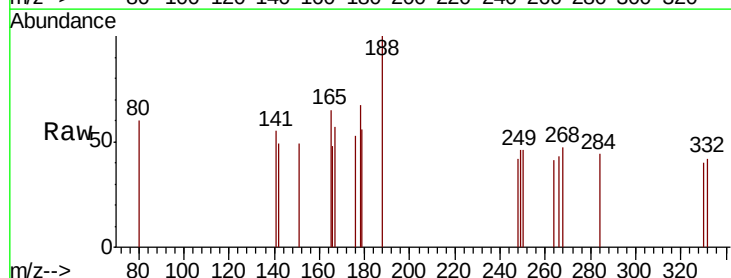
Tgt Ion:178 Resp: 44

Ion Ratio Lower Upper

178 100

176 52.3 15.0 22.4#

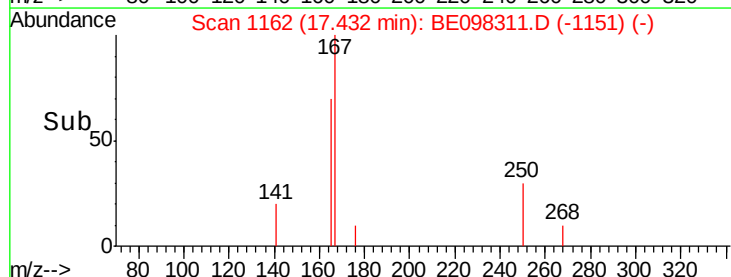
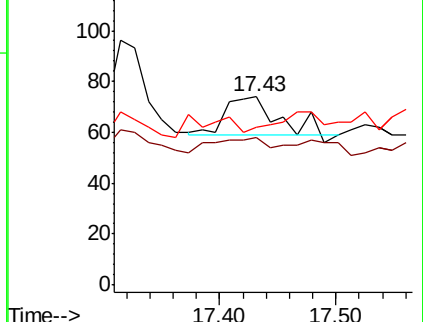
179 0.0 12.3 18.5#

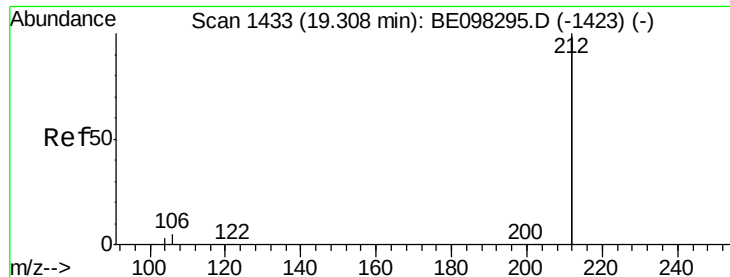


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.463 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

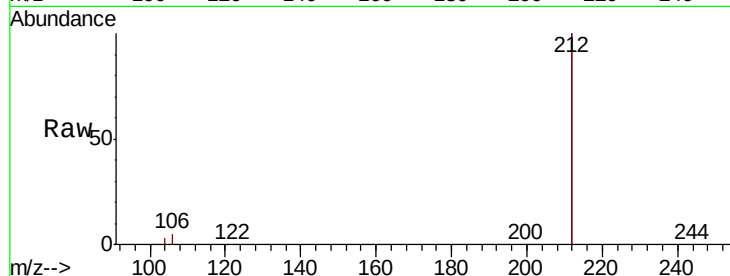
Tgt Ion:212 Resp: 49683

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

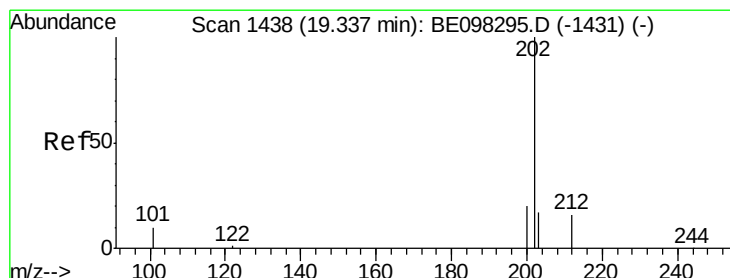
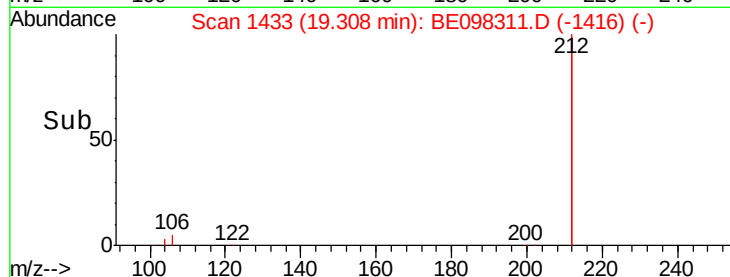
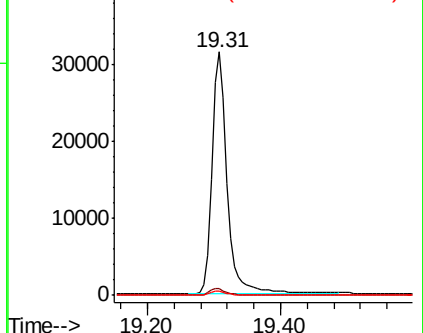
104 1.5 1.3 1.9



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: 0.004 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

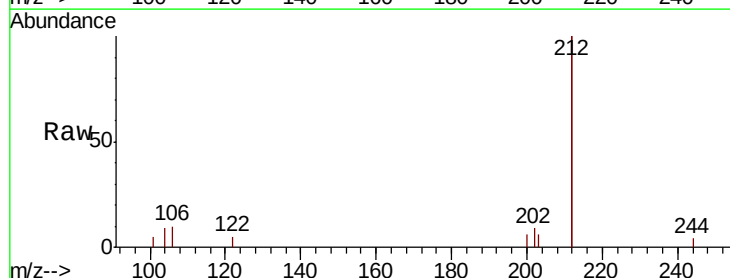
Tgt Ion:202 Resp: 107

Ion Ratio Lower Upper

202 100

101 0.0 8.0 12.0#

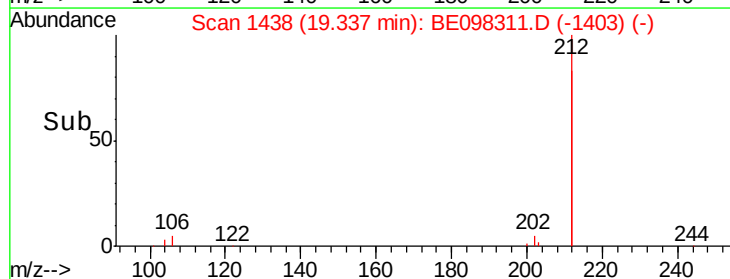
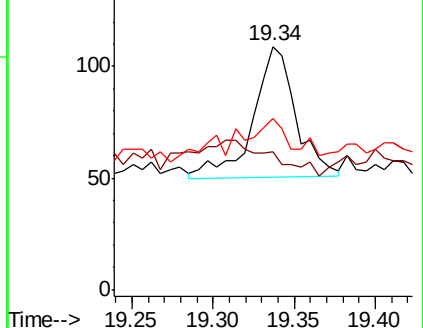
203 28.0 13.8 20.6#

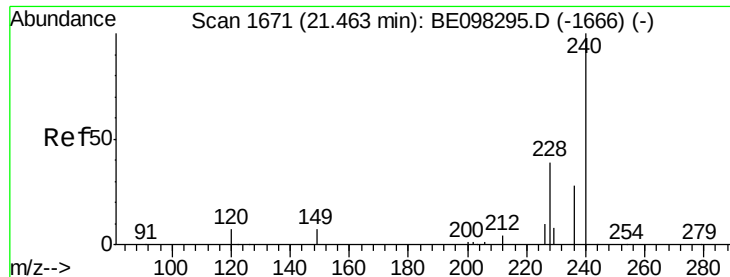


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

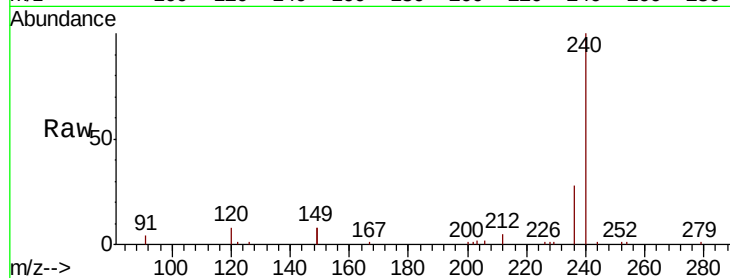
Tgt Ion:240 Resp: 11269

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

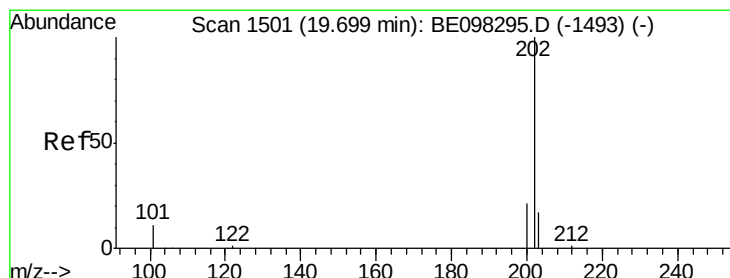
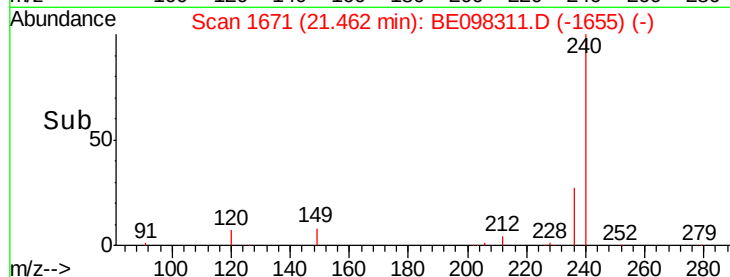
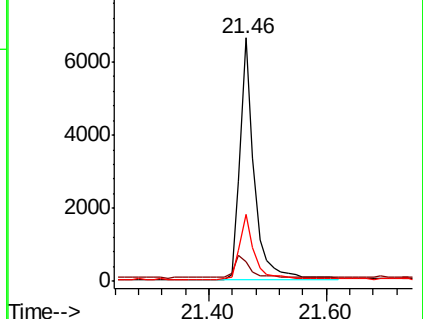
236 27.6 22.7 34.1



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: 0.003 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

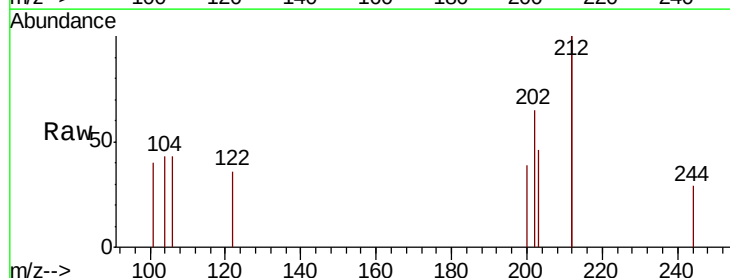
Tgt Ion:202 Resp: 112

Ion Ratio Lower Upper

202 100

200 30.4 16.7 25.1#

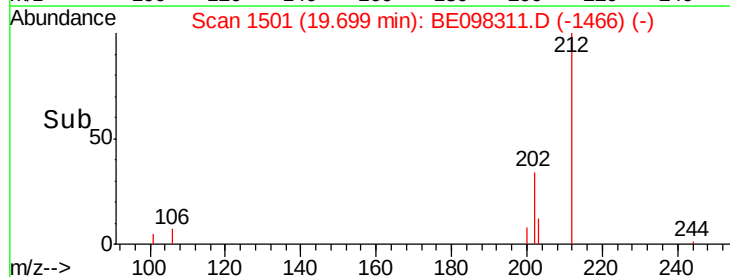
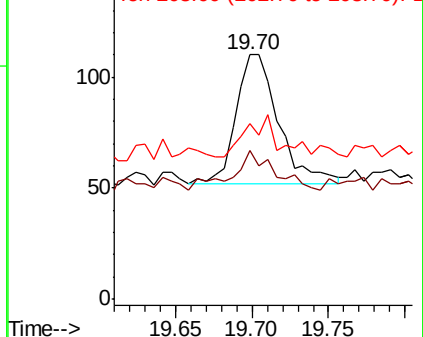
203 21.4 14.1 21.1#

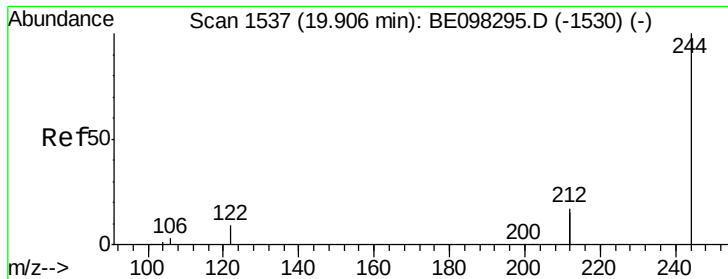


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.401 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

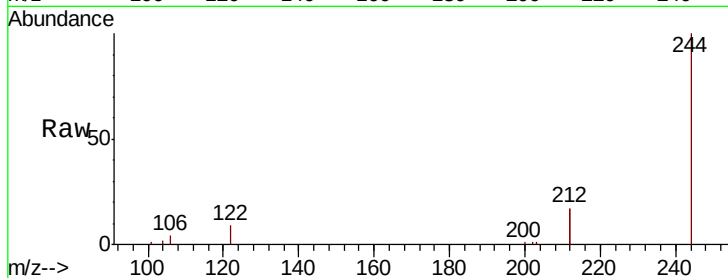
Tgt Ion:244 Resp: 10968

Ion Ratio Lower Upper

244 100

212 34.1 27.4 41.0

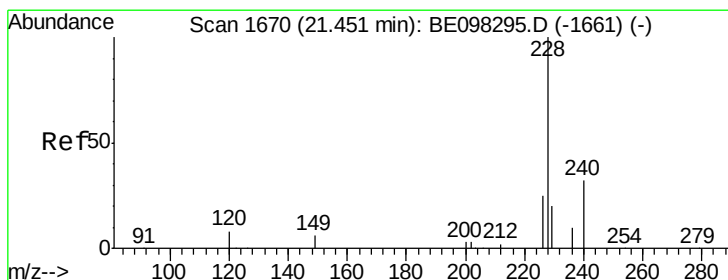
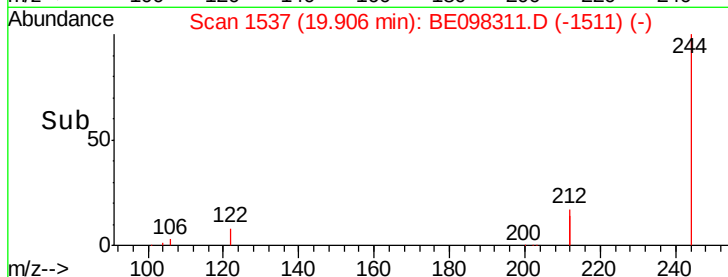
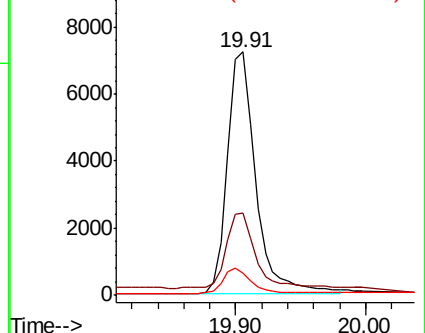
122 9.2 8.3 12.5



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: 0.004 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

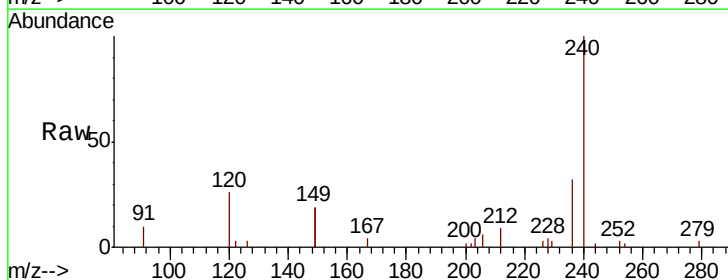
Tgt Ion:228 Resp: 125

Ion Ratio Lower Upper

228 100

226 68.1 21.8 32.8#

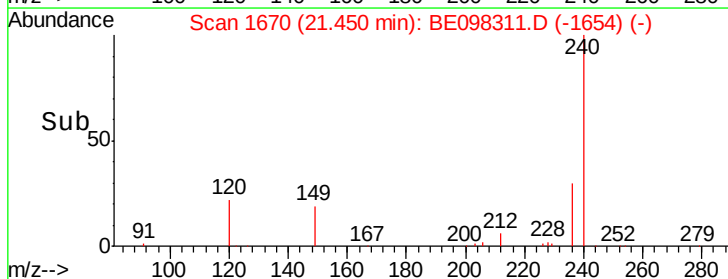
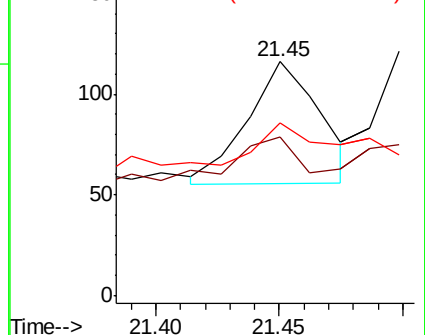
229 74.1 16.3 24.5#

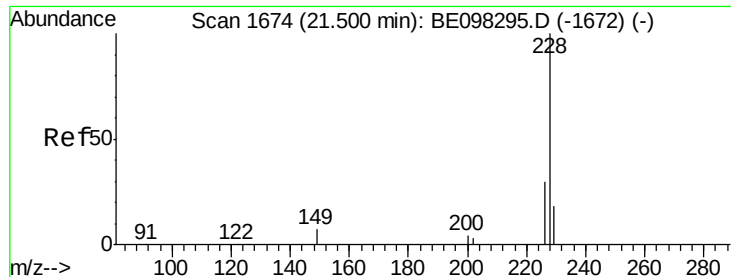


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.003 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

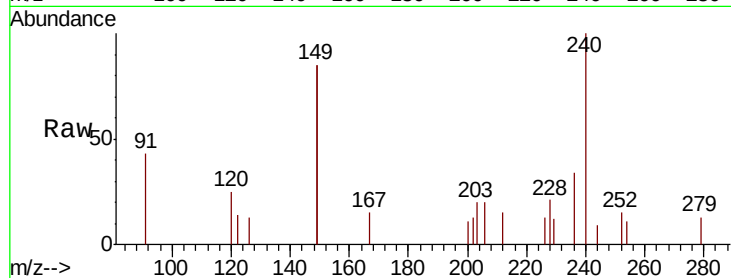
Tgt Ion:228 Resp: 97

Ion Ratio Lower Upper

228 100

226 62.0 23.4 35.0#

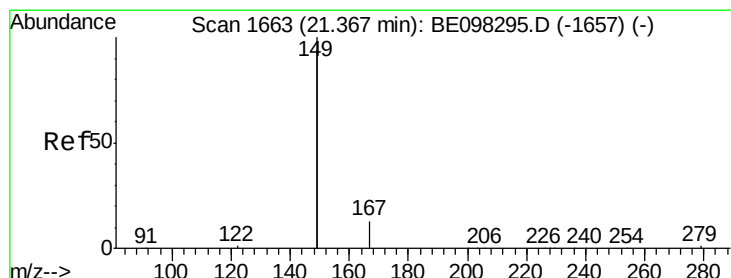
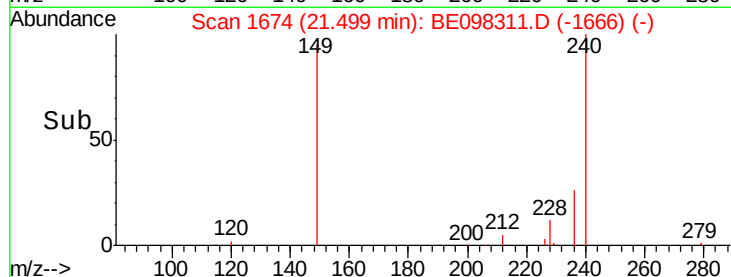
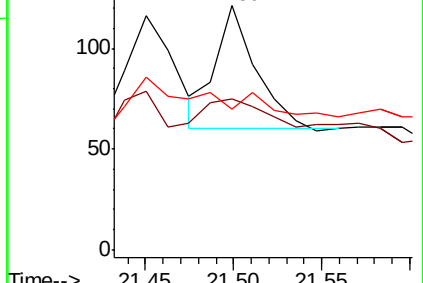
229 57.9 16.2 24.4#



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: 0.096 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

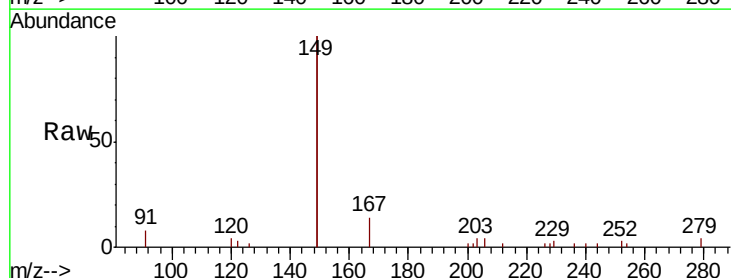
Tgt Ion:149 Resp: 6263

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

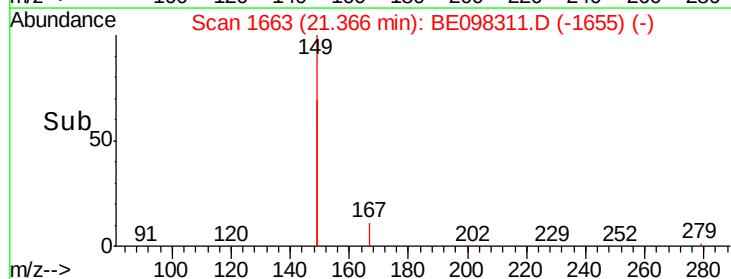
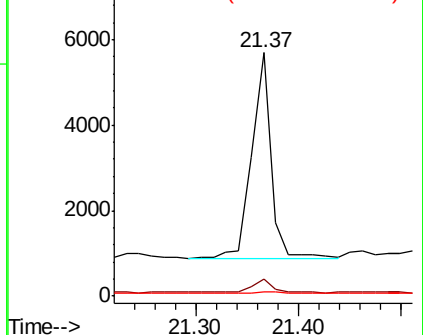
279 1.3 1.0 1.4

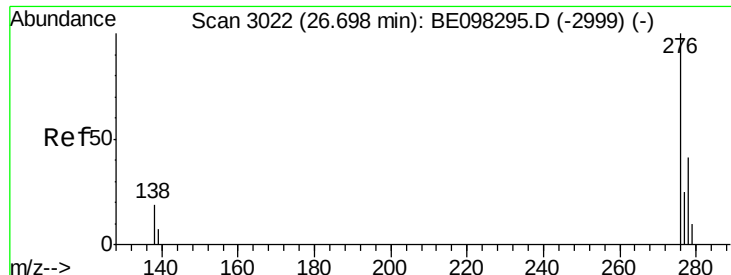


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.67 min Scan# 3015

Delta R.T. -0.02 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

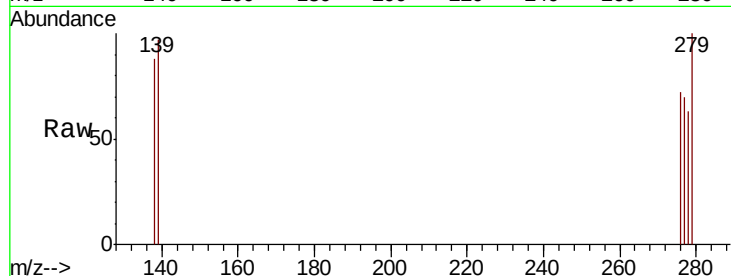
Instrument :

BNA_E

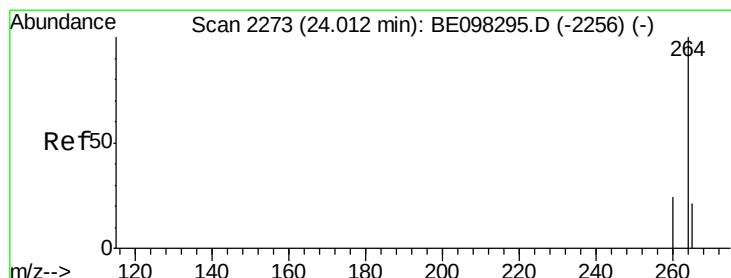
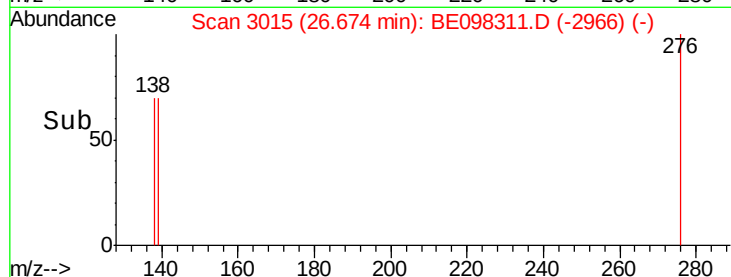
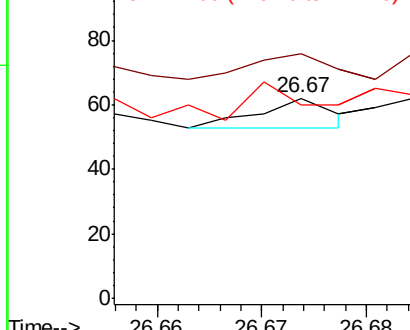
ClientSampleId :

OUTFALL001-181204

Tgt Ion:	276	Resp:	4
Ion	Ratio	Lower	Upper
276	100		
138	125.0	16.3	24.5#
277	125.0	20.2	30.4#



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

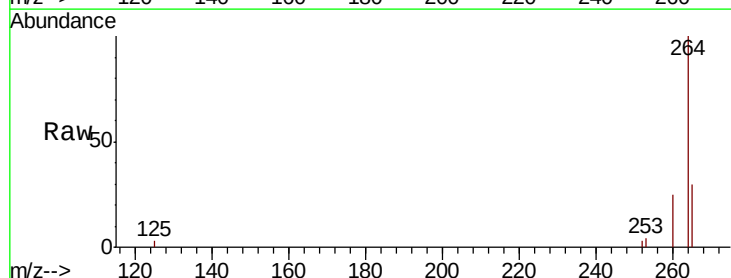
RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

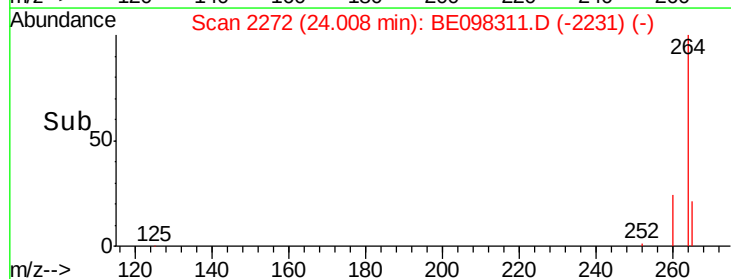
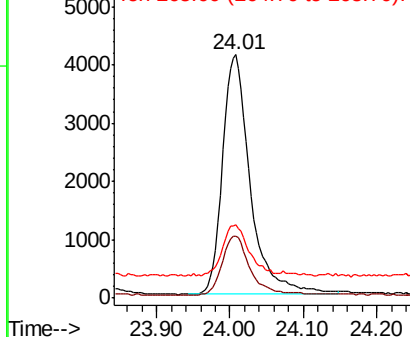
Lab File: BE098311.D

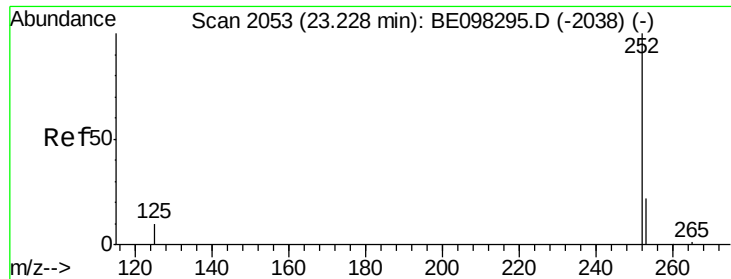
Acq: 10 Dec 2018 23:07

Tgt Ion:	264	Resp:	11025
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	30.0	25.2	37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.24 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

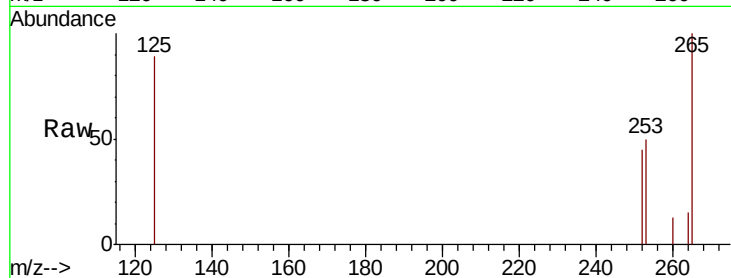
Tgt Ion:252 Resp: 136

Ion Ratio Lower Upper

252 100

253 112.2 20.0 30.0#

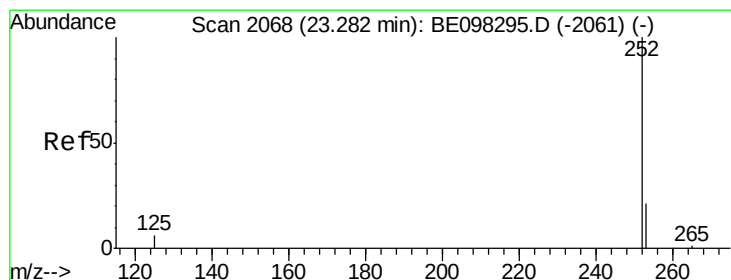
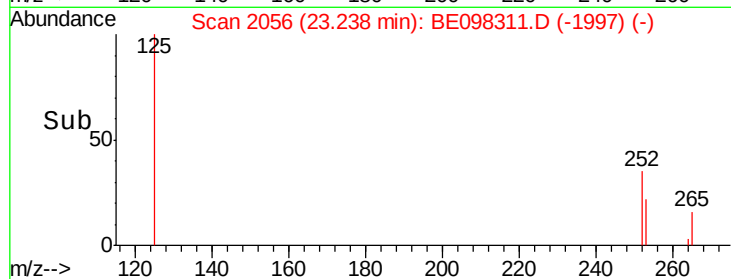
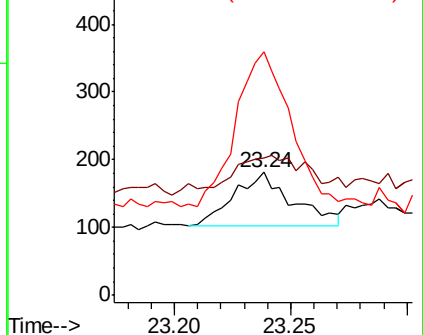
125 198.3 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.29 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

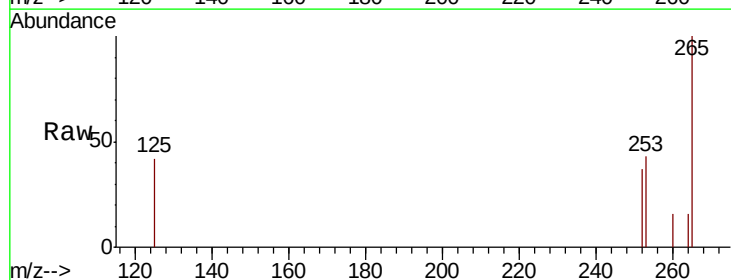
Tgt Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 115.5 19.0 28.6#

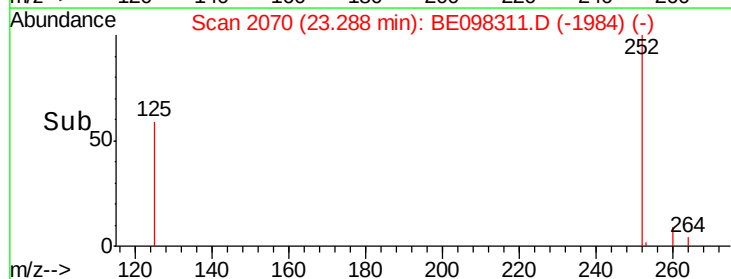
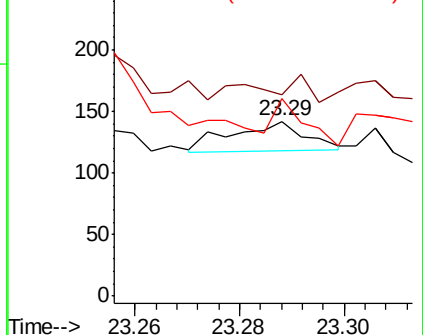
125 112.7 9.1 13.7#

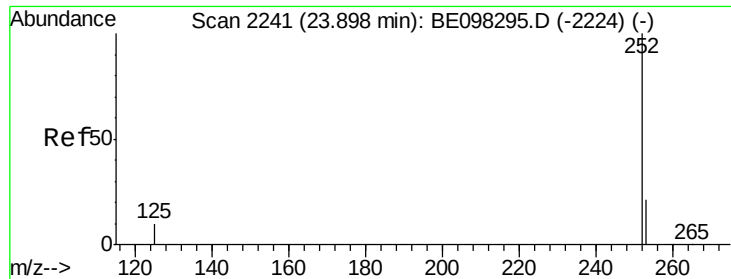


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.87 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204

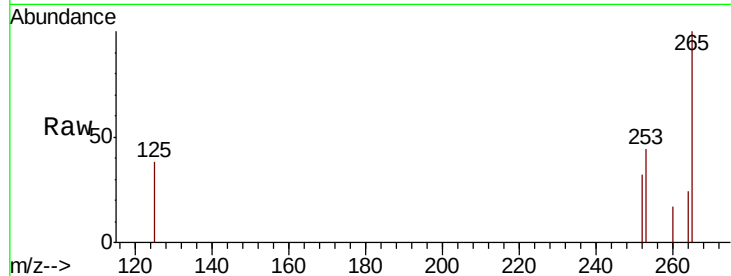
Tgt Ion: 252 Resp: 9

Ion Ratio Lower Upper

252 100

253 137.8 20.6 30.8#

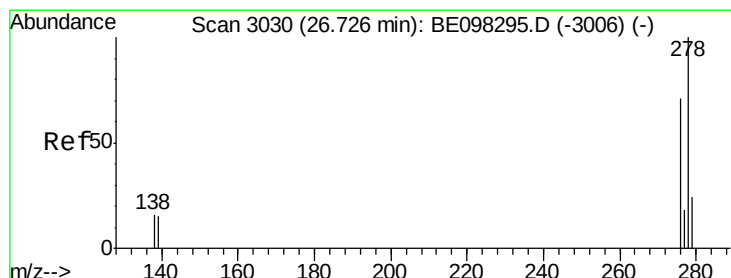
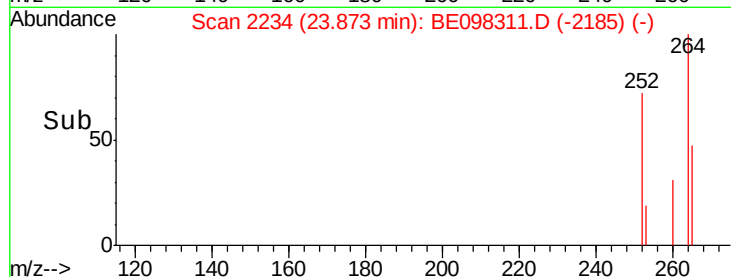
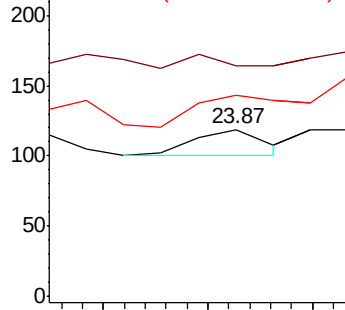
125 120.2 10.5 15.7#



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: 0.001 ng

RT: 26.73 min Scan# 3030

Delta R.T. 0.00 min

Lab File: BE098311.D

Acq: 10 Dec 2018 23:07

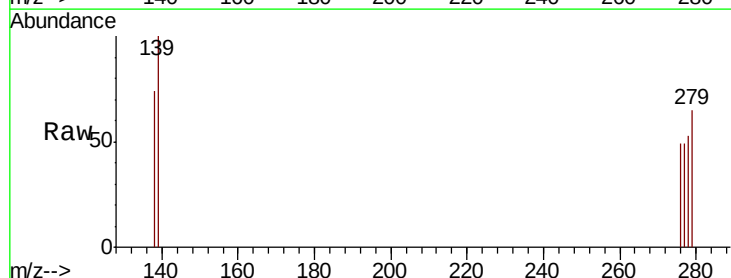
Tgt Ion: 278 Resp: 27

Ion Ratio Lower Upper

278 100

139 190.4 14.5 21.7#

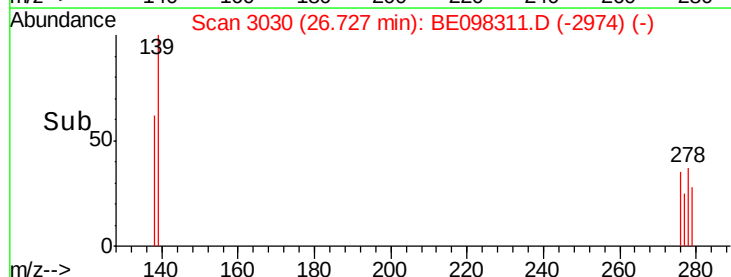
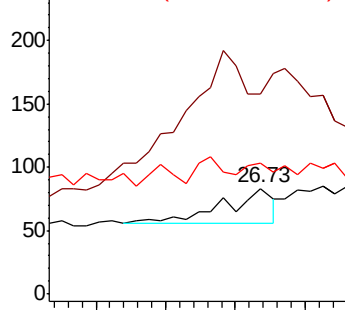
279 124.1 21.8 32.8#

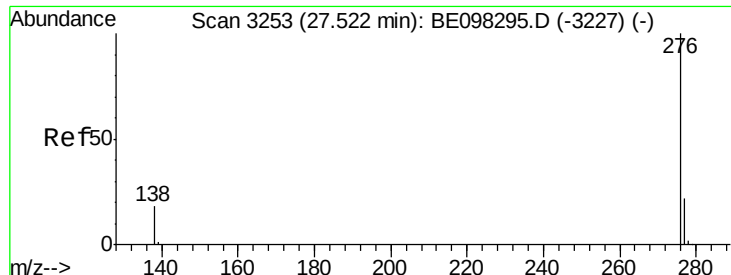


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE098311.D

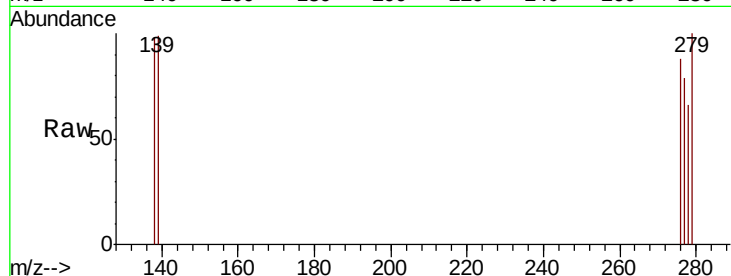
Acq: 10 Dec 2018 23:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181204



Tgt Ion: 276 Resp: 28

Ion Ratio Lower Upper

276 100

277 90.3 20.8 31.2#

138 111.1 15.8 23.6#

