

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101042.D
 Acq On : 13 Jan 2020 17:36
 Operator : JU
 Sample : L1055-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-200107

Quant Time: Jan 14 09:54:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3173	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13152	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8672	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	20171	0.40	ng	0.00
27) Chrysene-d12	21.27	240	17036	0.40	ng	-0.01
34) Perylene-d12	23.69	264	17901	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1493	0.21	ng	0.00
5) Phenol-d6	6.92	99	1238	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	2639	0.28	ng	0.03
11) 2-Methylnaphthalene-d10	12.11	152	8629	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	652	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	15599	0.47	ng	-0.01
25) Fluoranthene-d10	19.12	212	102089	0.36	ng	-0.01
29) Terphenyl-d14	19.73	244	22490	0.54	ng	0.00

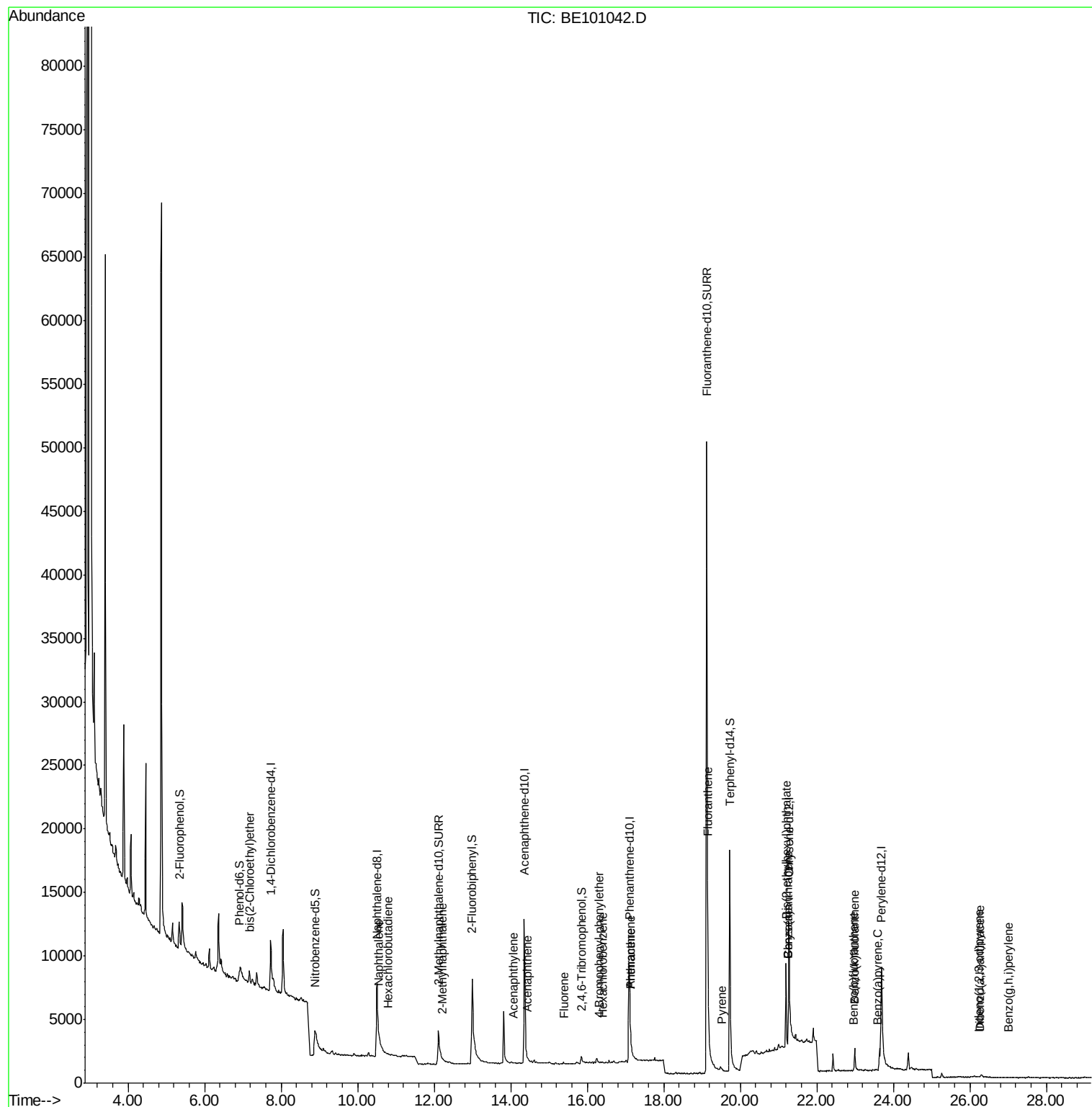
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	7.18	93	64	0.006	ng	# 1
9) Naphthalene	10.55	128	550	0.004	ng	# 65
10) Hexachlorobutadiene	10.80	225	2	0.000	ng	# 18
12) 2-Methylnaphthalene	12.21	142	45	0.002	ng	# 57
16) Acenaphthylene	14.08	152	58	0.002	ng	# 70
17) Acenaphthene	14.43	154	41	0.002	ng	# 75
18) Fluorene	15.41	166	52	0.002	ng	# 55
20) 4-Bromophenyl-phenylether	16.30	248	9	0.001	ng	# 64
21) Hexachlorobenzene	16.40	284	17	0.002	ng	# 18
23) Phenanthrene	17.13	178	349	0.006	ng	# 96
24) Anthracene	17.13	178	349	0.007	ng	# 98
26) Fluoranthene	19.15	202	121	0.002	ng	# 70
28) Pyrene	19.52	202	135	0.002	ng	# 67
30) Benzo(a)anthracene	21.26	228	81	0.002	ng	# 12
31) Chrysene	21.26	228	81	0.001	ng	# 16
32) Bis(2-ethylhexyl)phthalate	21.20	149	9037	0.112	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	13	0.000	ng	# 63
35) Benzo(b)fluoranthene	22.95	252	39	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.00	252	195	0.003	ng	# 1
37) Benzo(a)pyrene	23.59	252	6	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.27	278	5	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.01	276	6	0.000	ng	# 1

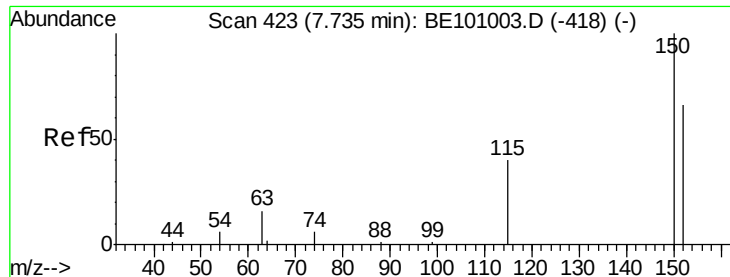
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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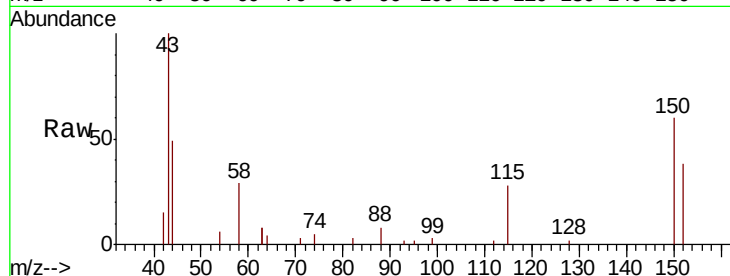


#1

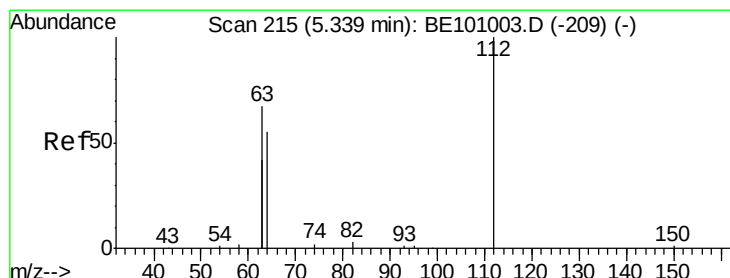
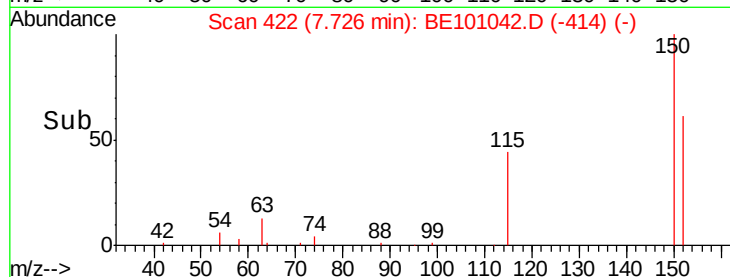
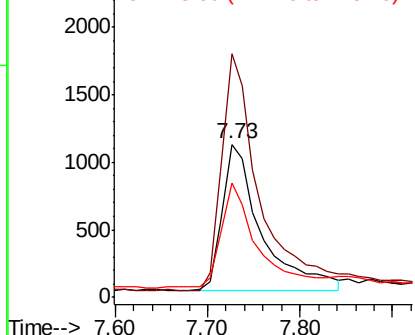
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-200107

Tot Ion:152 Resp: 3173
Ion Ratio Lower Upper
152 100
150 159.4 120.3 180.5
115 74.6 51.7 77.5



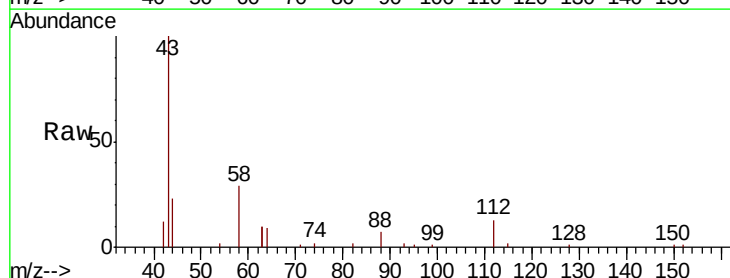
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



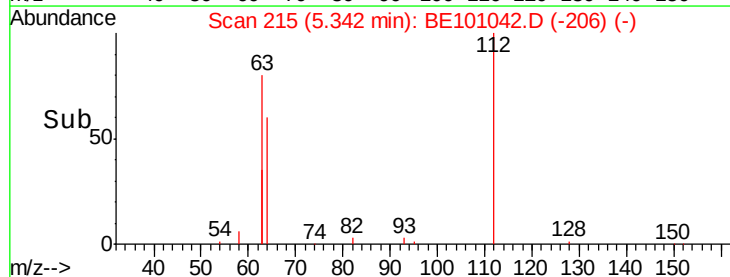
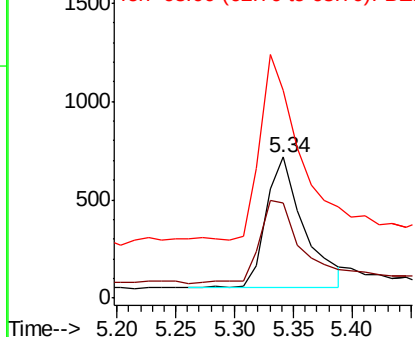
#4

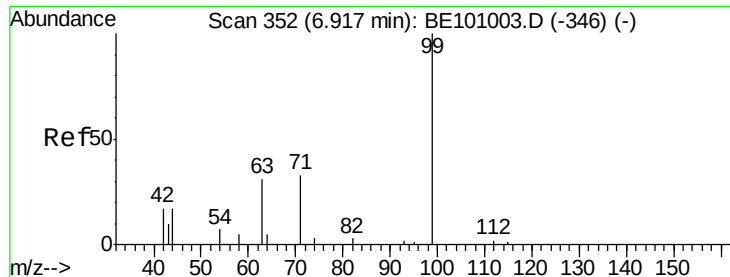
2-Fluorophenol
Concen: 0.209 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Tgt Ion:112 Resp: 1493
Ion Ratio Lower Upper
112 100
64 69.7 53.6 80.4
63 147.4 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.137 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

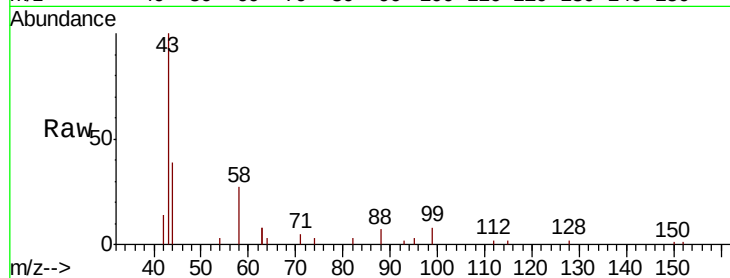
Tot Ion: 99 Resp: 1238

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

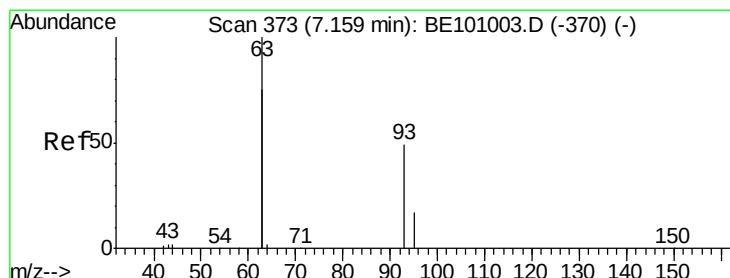
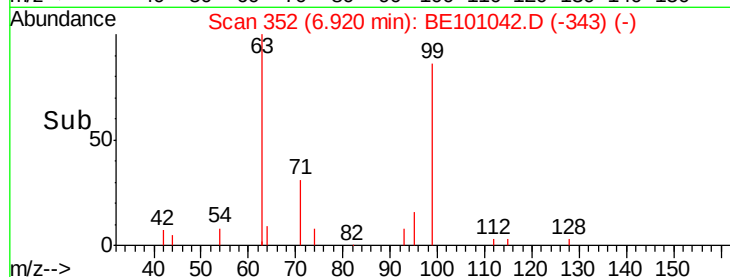
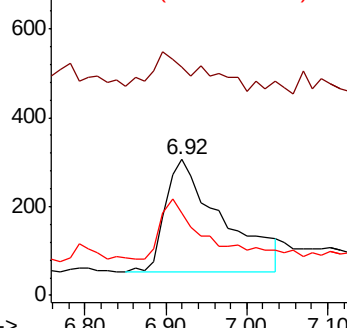
71 39.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.03 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

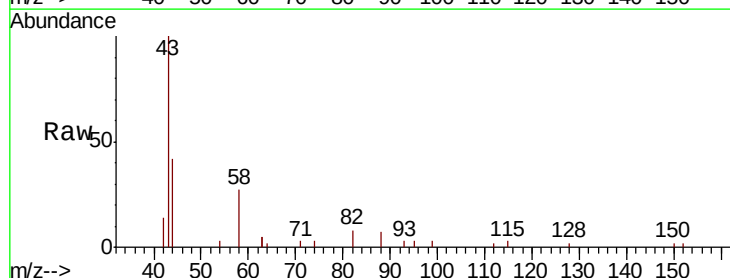
Tgt Ion: 93 Resp: 64

Ion Ratio Lower Upper

93 100

63 0.0 233.9 350.9#

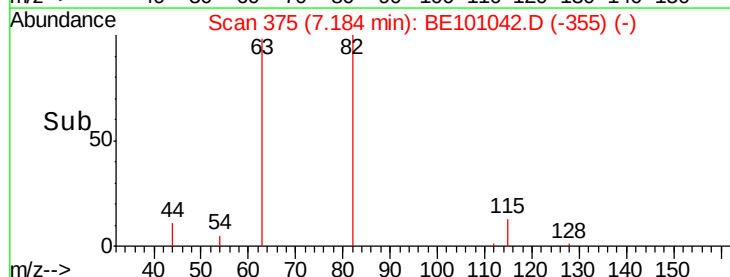
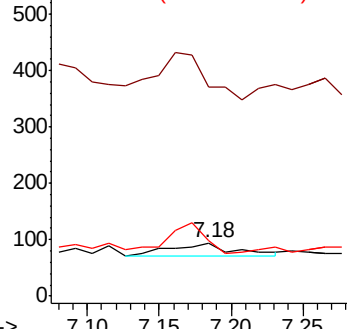
95 0.0 23.5 35.3#

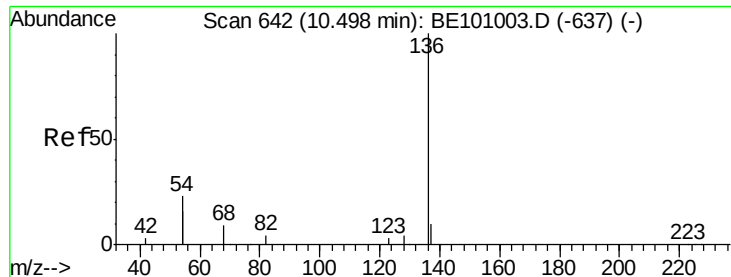


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

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OUTFALL001-200107

Tot Ion:136 Resp: 13152

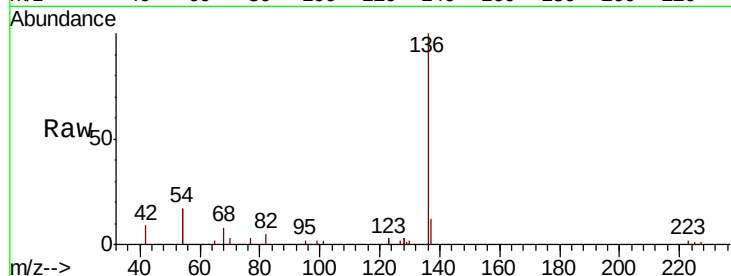
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 34.7 36.8 55.2#

68 7.8 8.4 12.6#

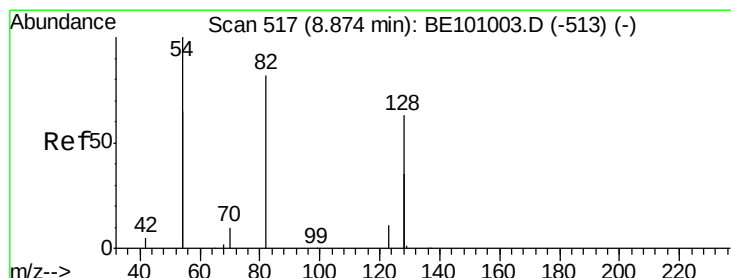
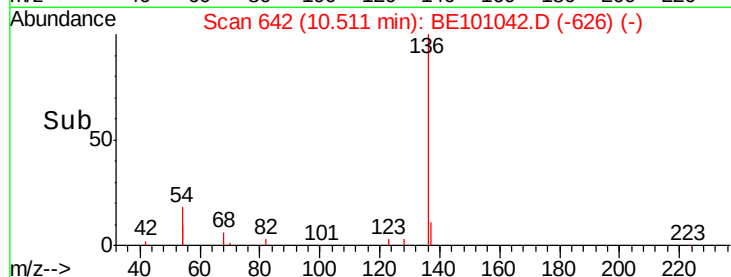
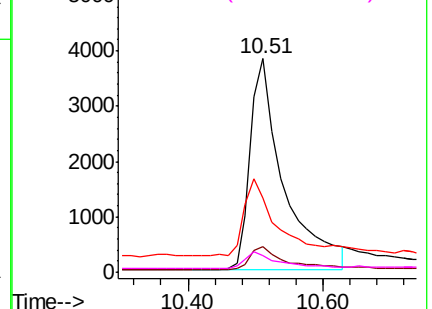


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.281 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.03 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

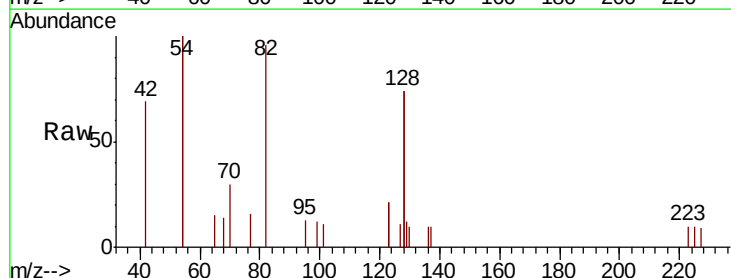
Tgt Ion: 82 Resp: 2639

Ion Ratio Lower Upper

82 100

128 154.7 109.8 164.6

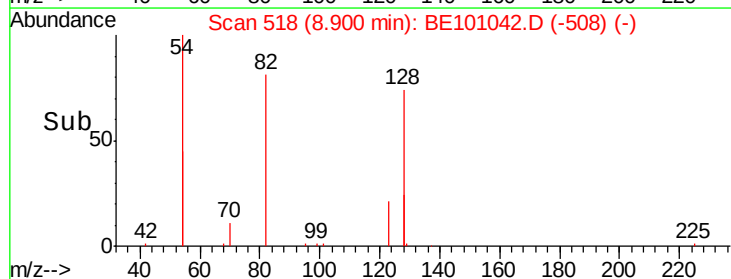
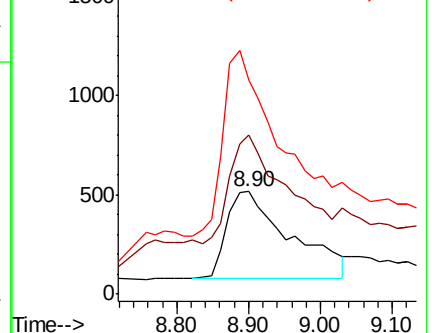
54 208.5 174.5 261.7

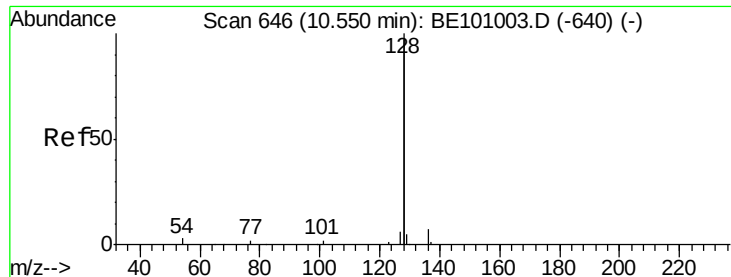


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.004 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

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OUTFALL001-200107

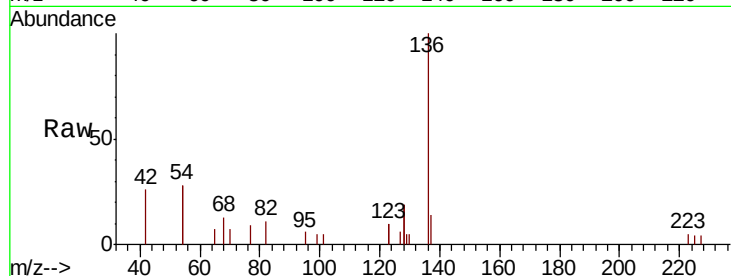
Tot Ion:128 Resp: 550

Ion Ratio Lower Upper

128 100

129 14.1 2.3 3.5#

127 15.2 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

600

500

400

300

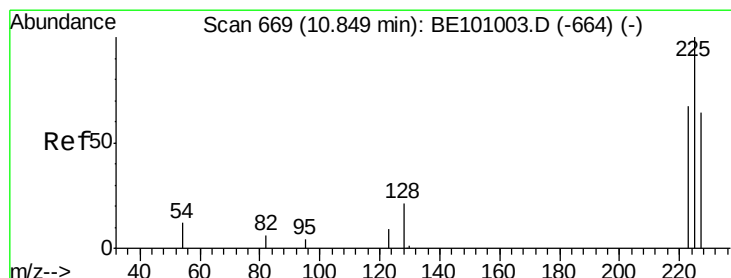
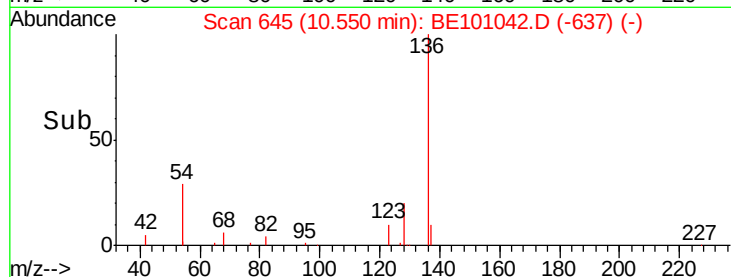
200

100

0

10.50 10.55 10.60

Time-->



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.80 min Scan# 664

Delta R.T. -0.05 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

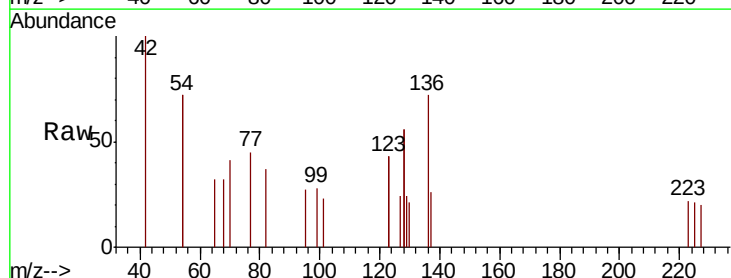
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 52.2 78.4#

227 0.0 49.9 74.9#



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

80

60

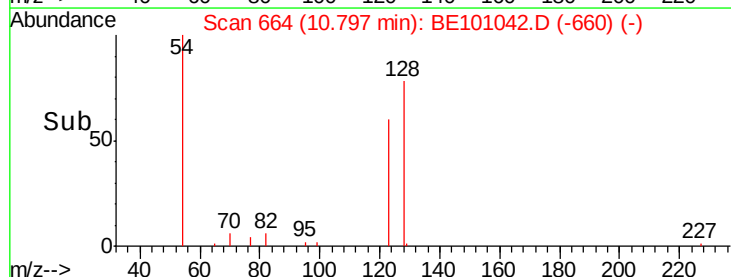
40

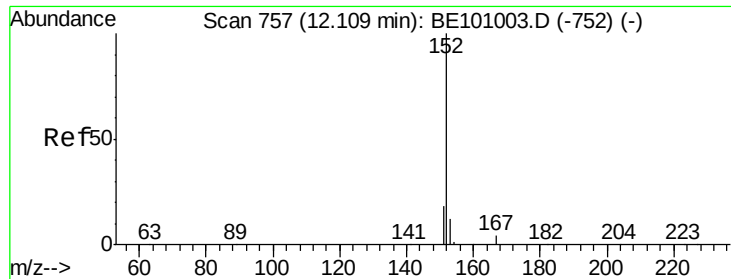
20

0

10.78 10.80 10.82

Time-->

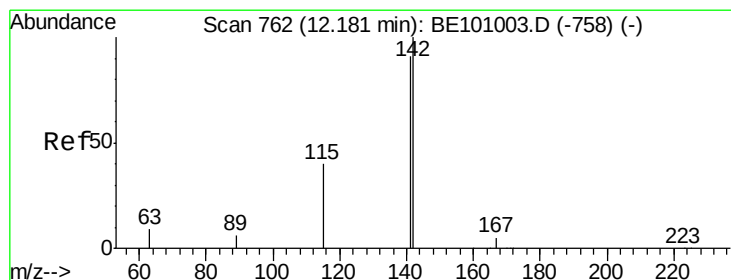
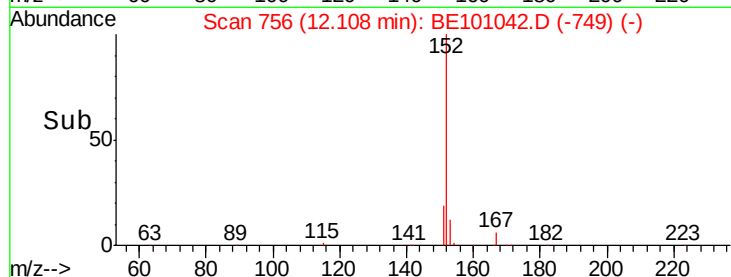
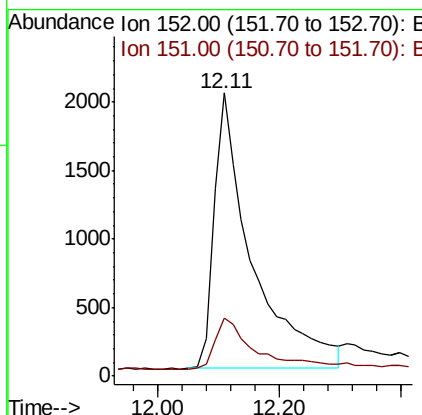
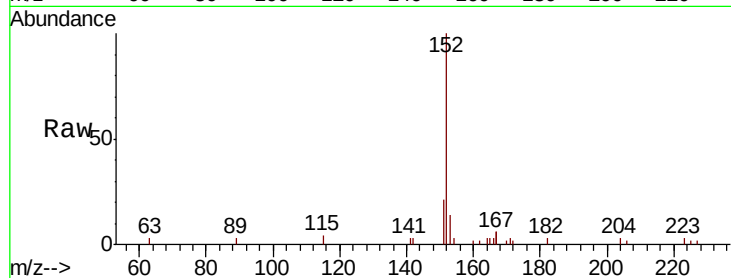




#11
 2-Methylnaphthalene-d10
 Concen: 0.344 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

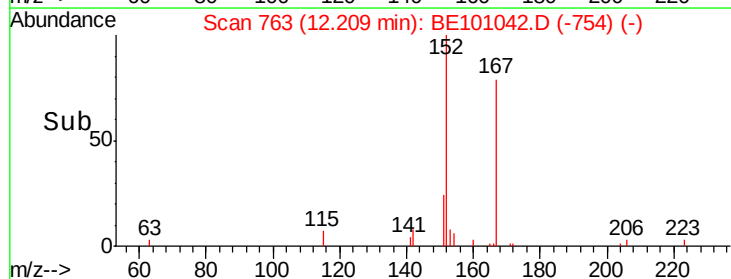
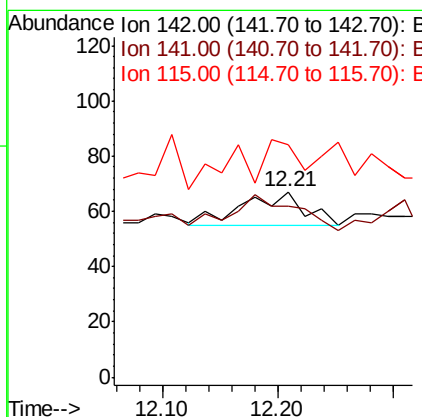
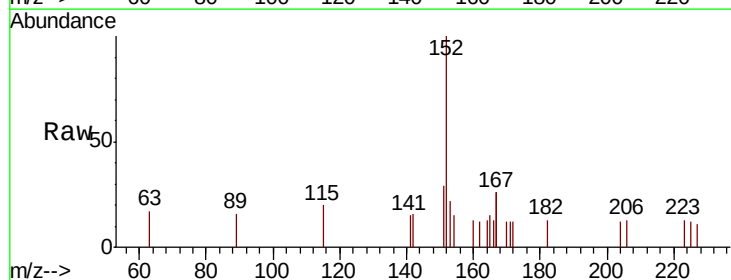
Instrument :
 BNA_E
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 OUTFALL001-200107

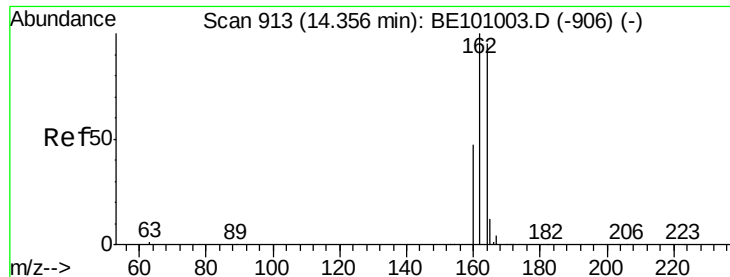
Tot Ion:152 Resp: 8629
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.002 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.03 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Tgt Ion:142 Resp: 45
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.5 108.7
 115 125.4 33.0 49.6#

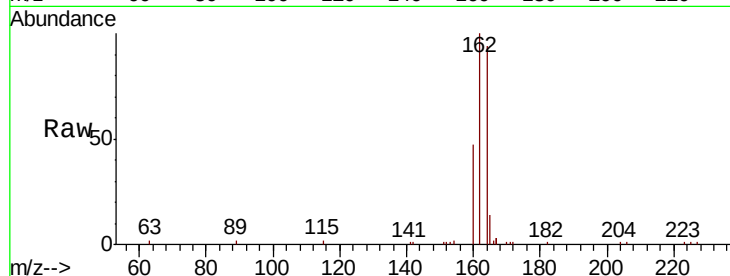




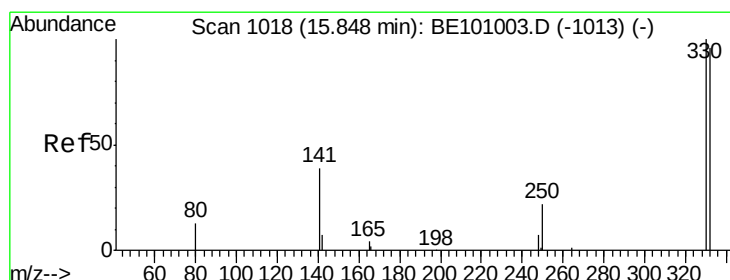
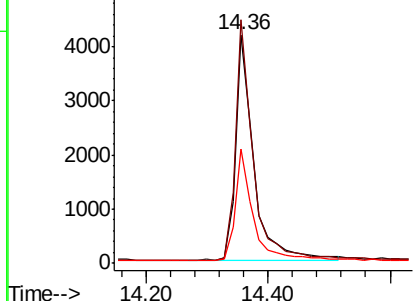
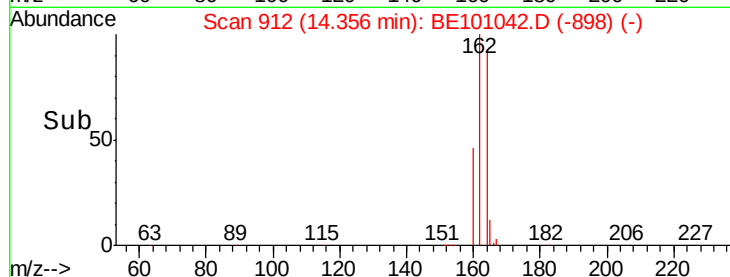
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-200107

Tot Ion:164 Resp: 8672
Ion Ratio Lower Upper
164 100
162 106.5 84.1 126.1
160 50.0 40.4 60.6

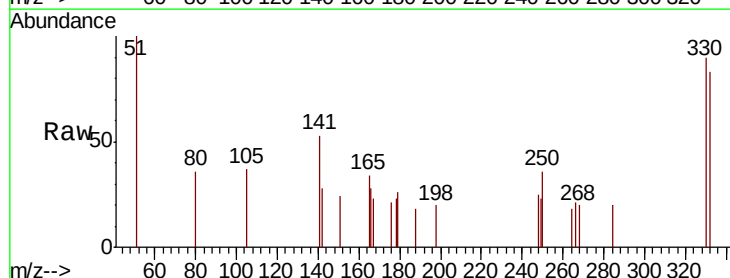


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

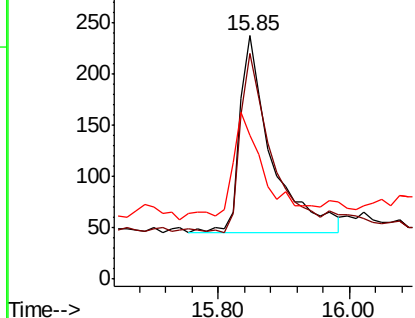
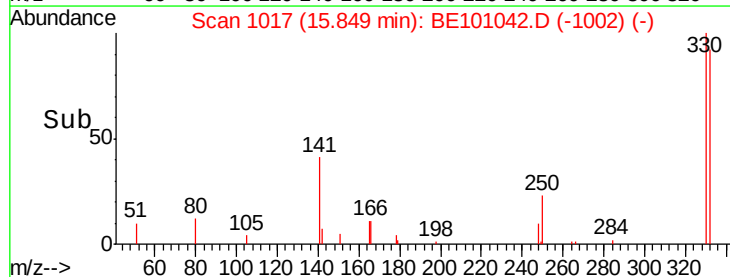


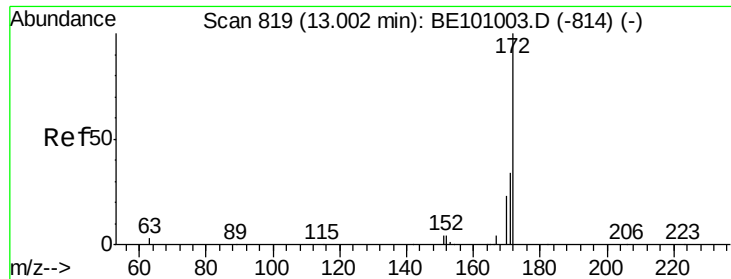
#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Tgt Ion:330 Resp: 652
Ion Ratio Lower Upper
330 100
332 86.5 78.4 117.6
141 47.2 37.0 55.4



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

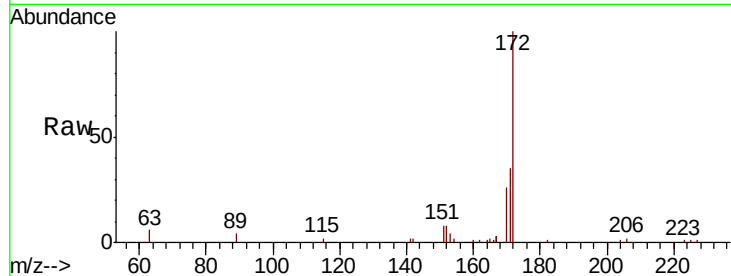




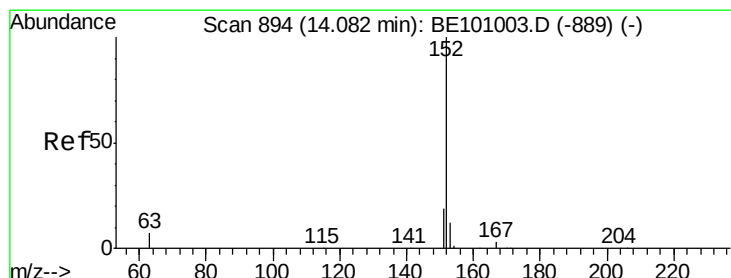
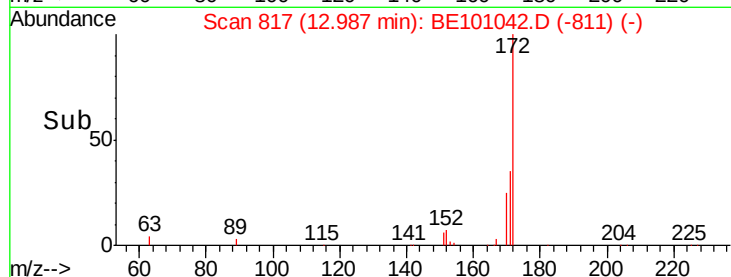
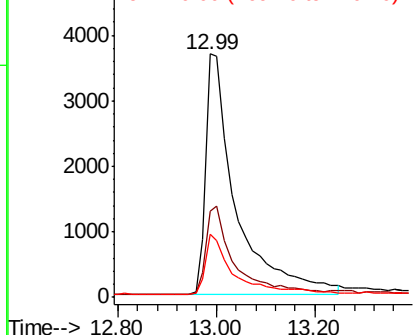
#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-200107

Tot Ion:172 Resp: 15599
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 25.9 18.9 28.3

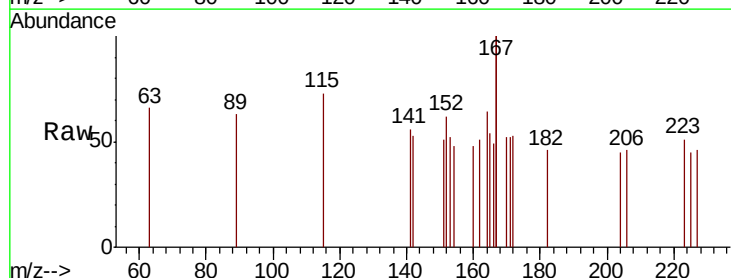


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

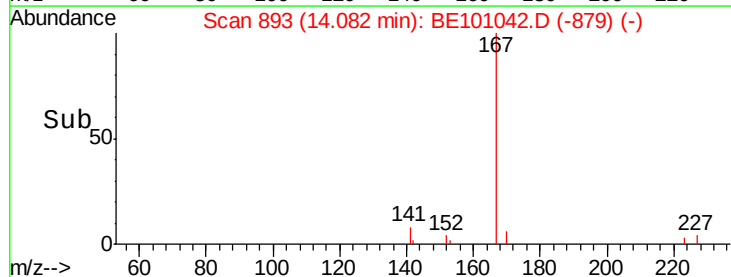
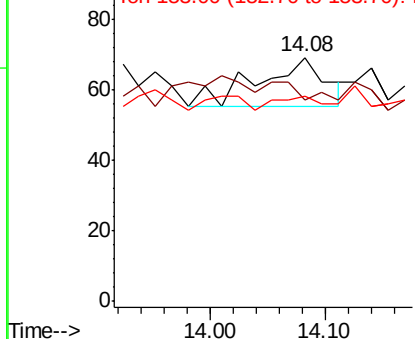


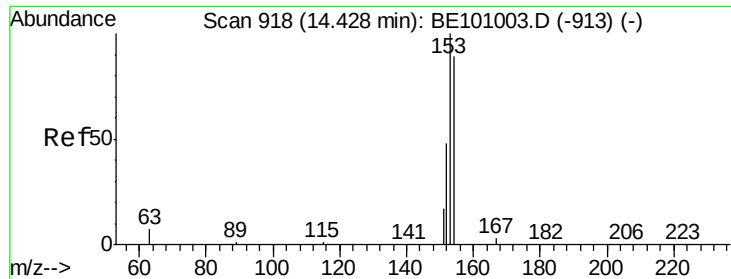
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Tgt Ion:152 Resp: 58
Ion Ratio Lower Upper
152 100
151 0.0 15.5 23.3#
153 17.2 10.4 15.6#



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: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

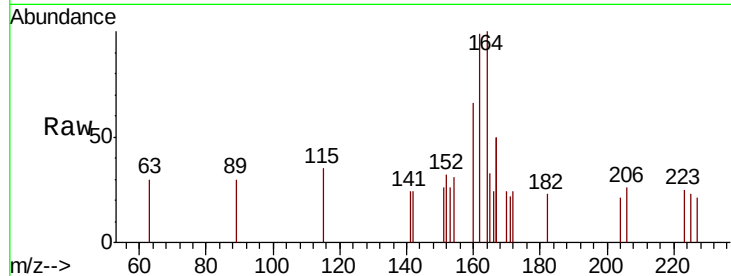
Tot Ion:154 Resp: 41

Ion Ratio Lower Upper

154 100

153 97.6 93.6 140.4

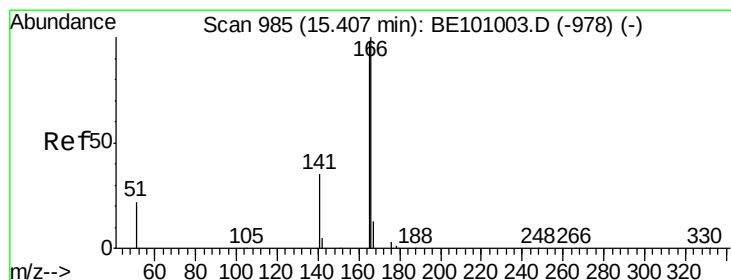
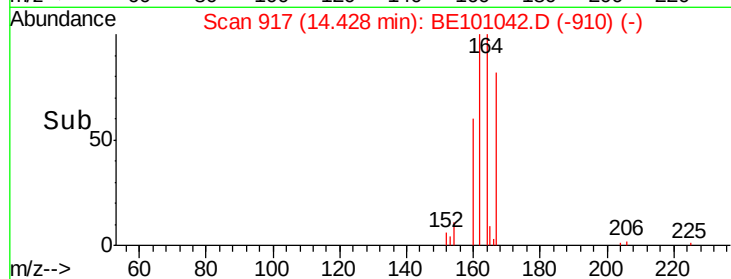
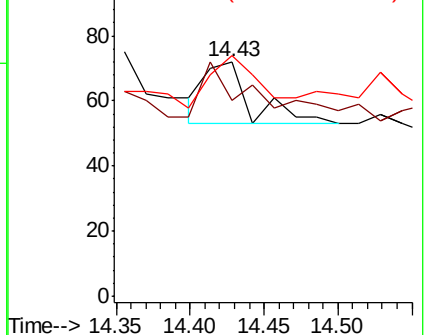
152 87.8 46.3 69.5#



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: 15.41 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

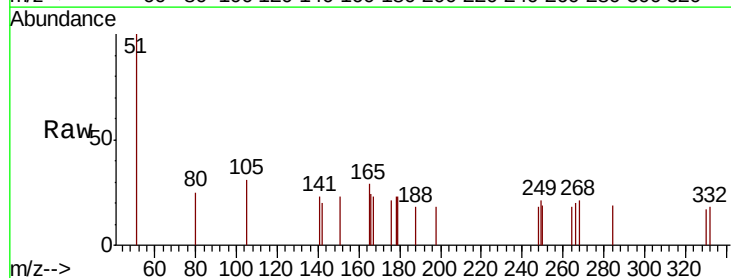
Tgt Ion:166 Resp: 52

Ion Ratio Lower Upper

166 100

165 146.2 79.8 119.8#

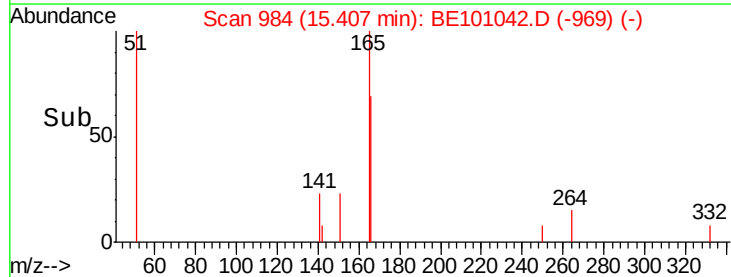
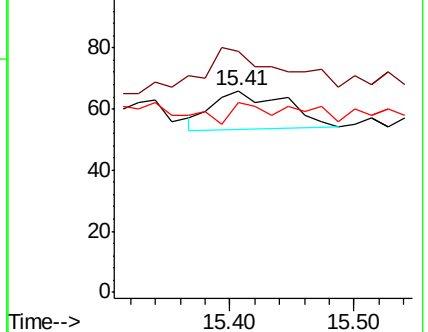
167 26.9 11.0 16.6#

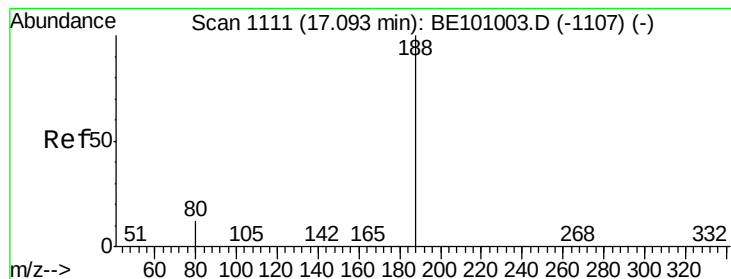


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

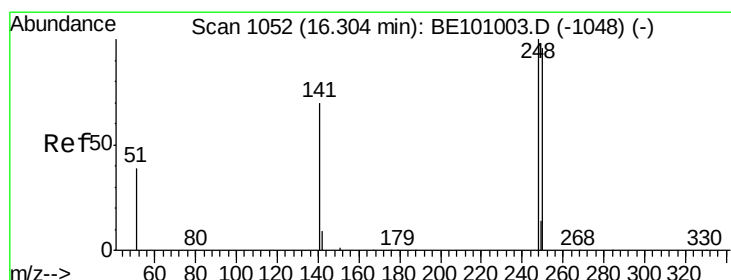
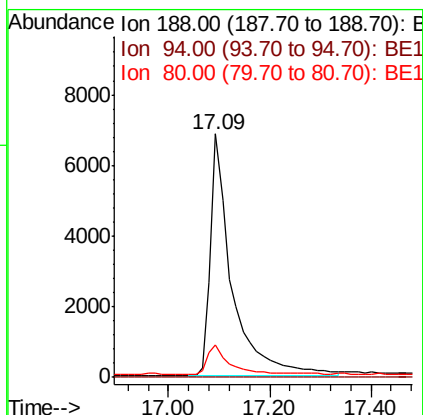
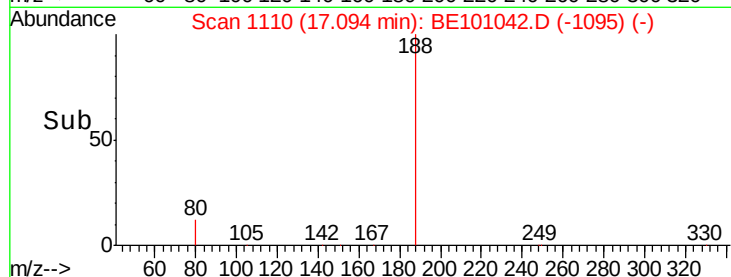
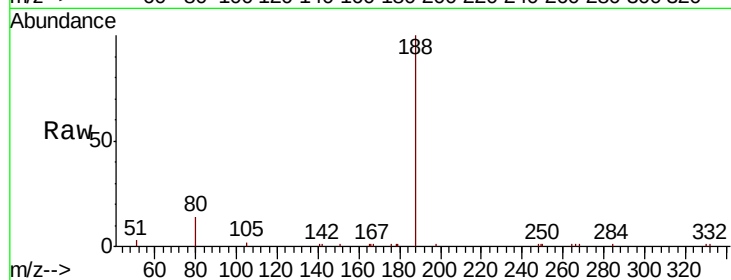
Tot Ion:188 Resp: 20171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.5 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

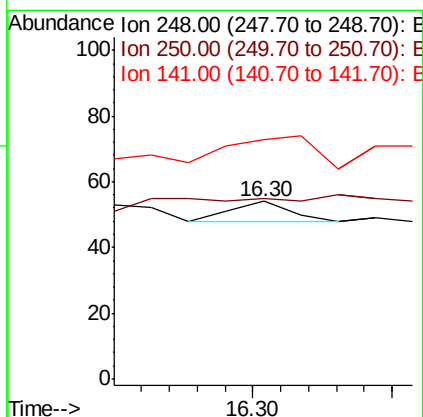
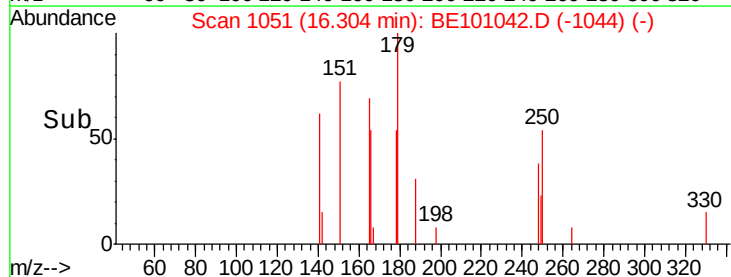
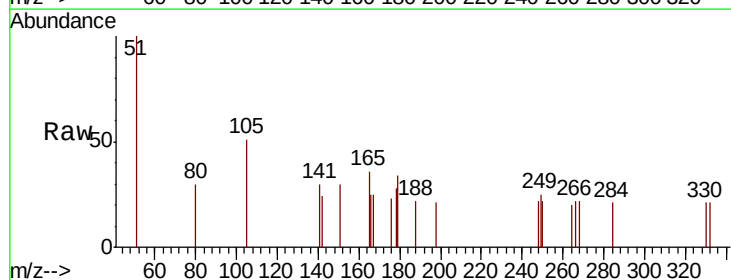
Tgt Ion:248 Resp: 9

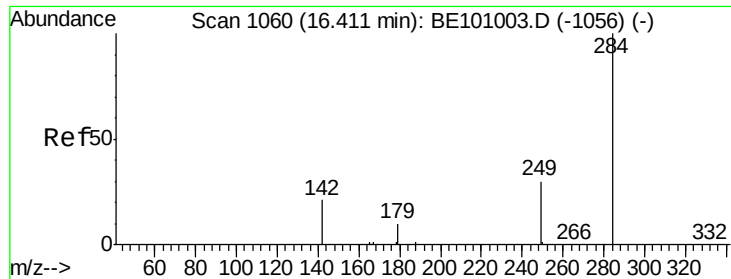
Ion Ratio Lower Upper

248 100

250 101.9 76.6 115.0

141 135.2 57.7 86.5#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

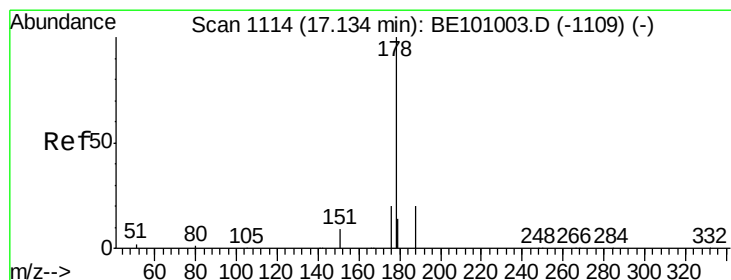
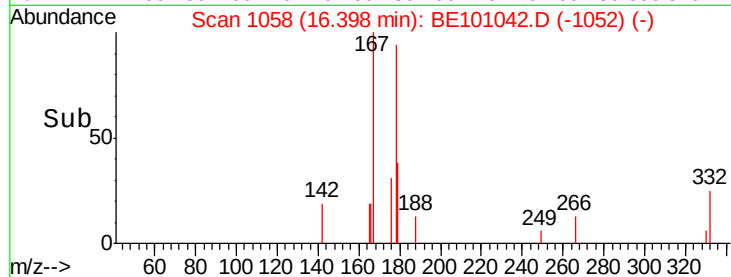
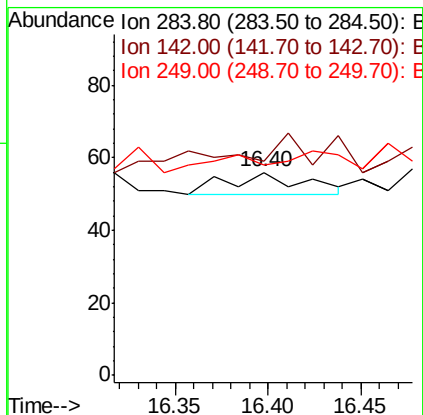
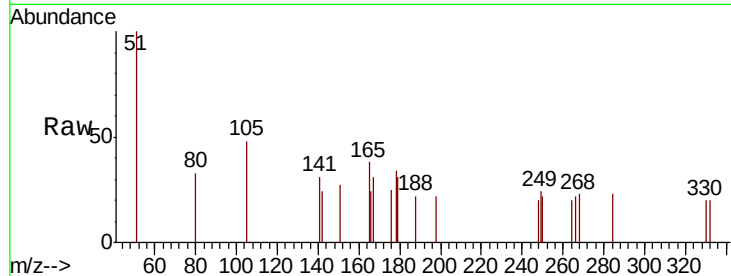
Tot Ion:284 Resp: 17

Ion Ratio Lower Upper

284 100

142 105.9 34.0 51.0#

249 0.0 28.2 42.4#



#23

Phenanthrene

Concen: 0.006 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

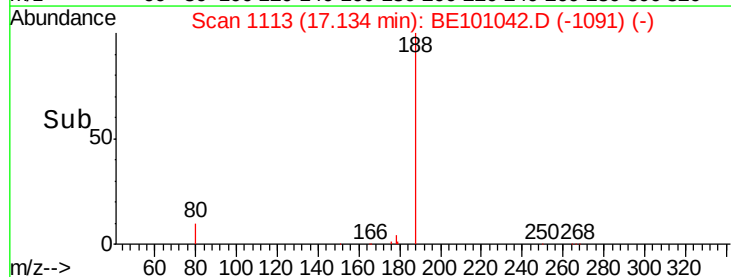
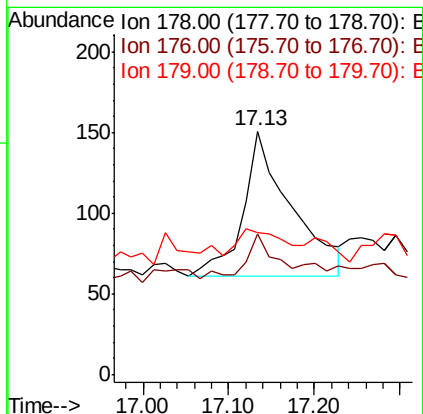
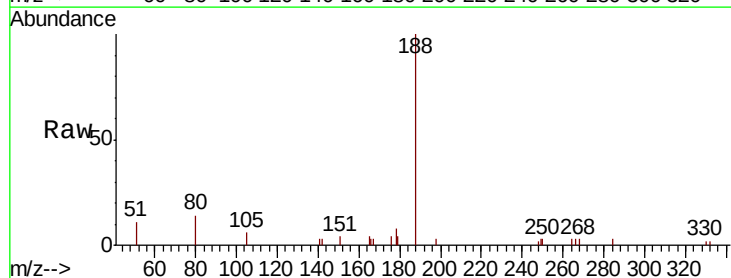
Tgt Ion:178 Resp: 349

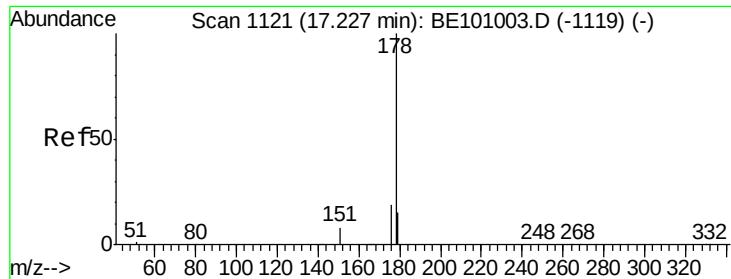
Ion Ratio Lower Upper

178 100

176 16.6 15.7 23.5

179 14.6 12.0 18.0

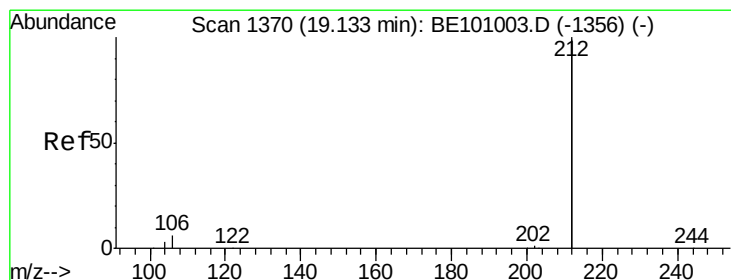
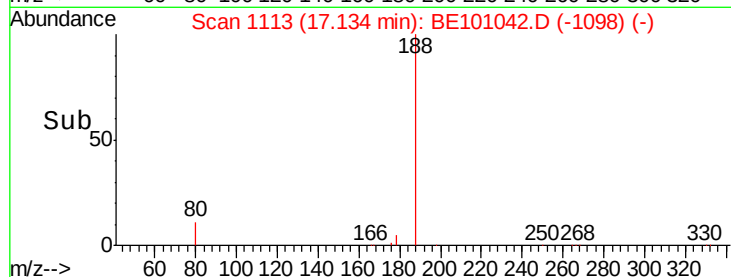
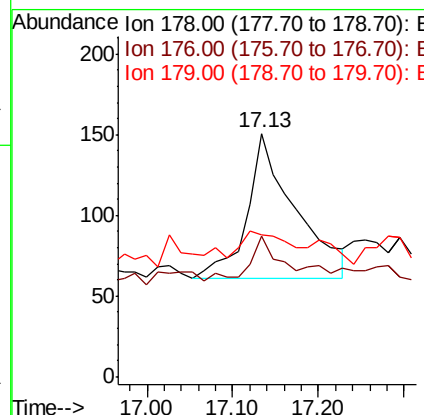
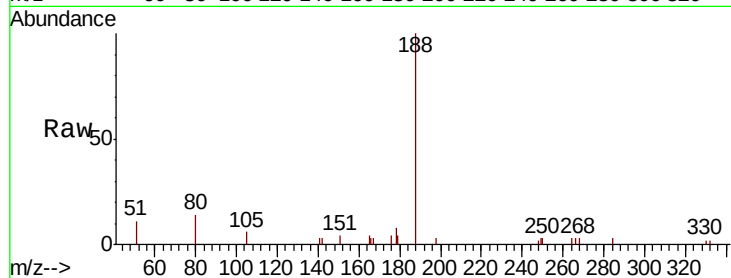




#24
 Anthracene
 Concen: 0.007 ng
 RT: 17.13 min Scan# 1113
 Delta R.T. -0.09 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

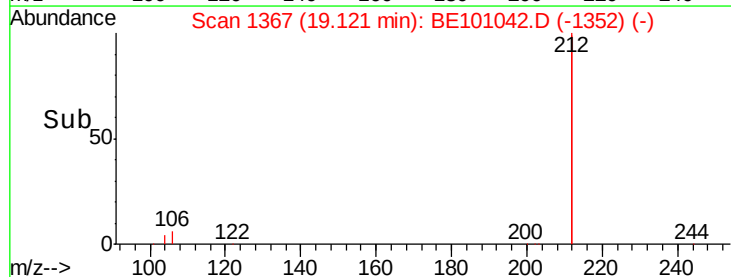
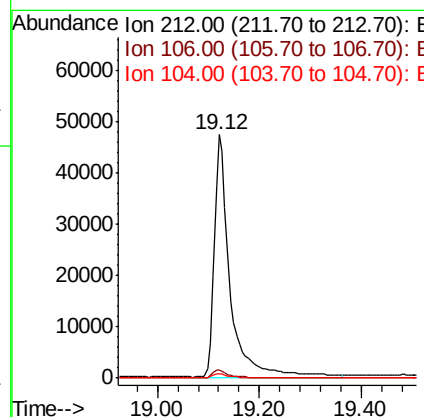
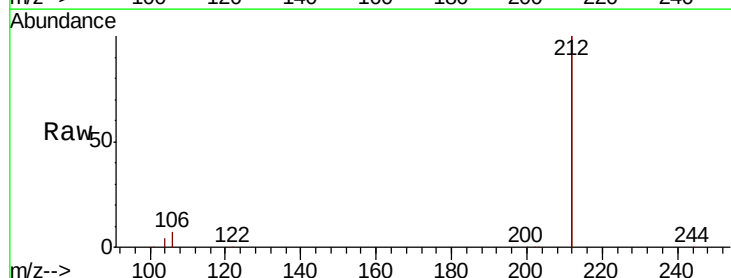
Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-200107

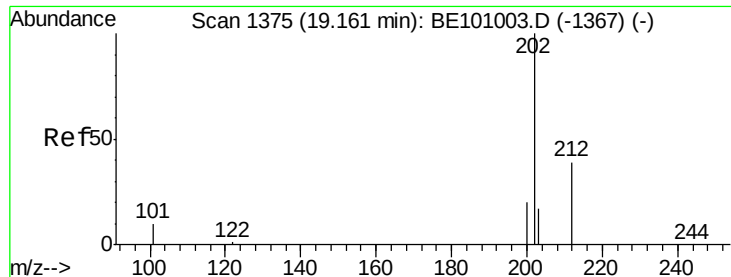
Tot Ion:178 Resp: 349
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 17.2 12.4 18.6



#25
 Fluoranthene-d10
 Concen: 0.364 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101042.D
 Acq: 13 Jan 2020 17:36

Tgt Ion:212 Resp: 102089
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.6 3.8
 104 1.8 1.4 2.0

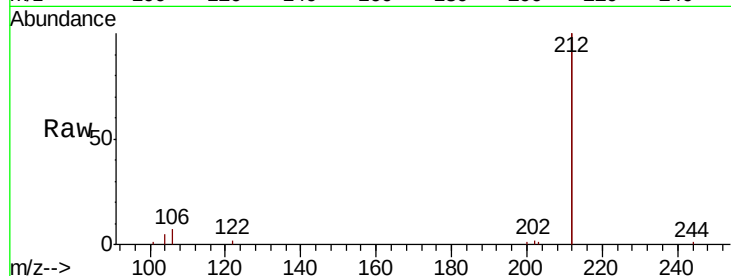




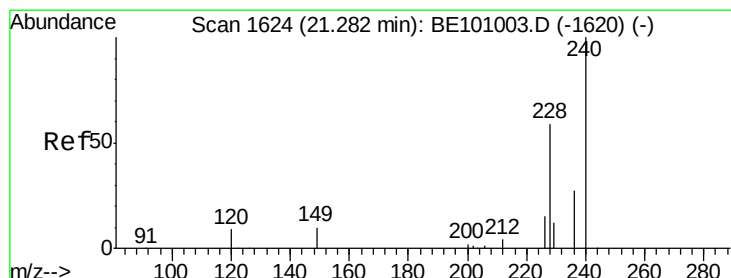
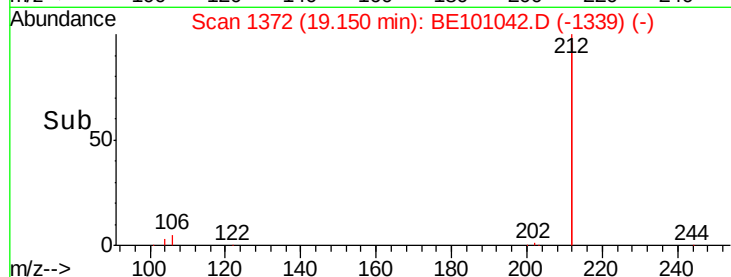
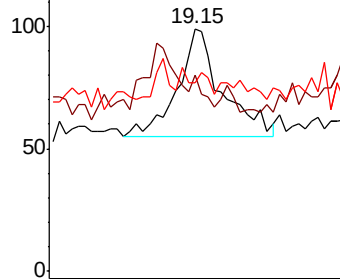
#26
Fluoranthene
Concen: 0.002 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-200107

Tot Ion:202 Resp: 121
Ion Ratio Lower Upper
202 100
101 0.0 9.6 14.4#
203 4.1 13.8 20.6#

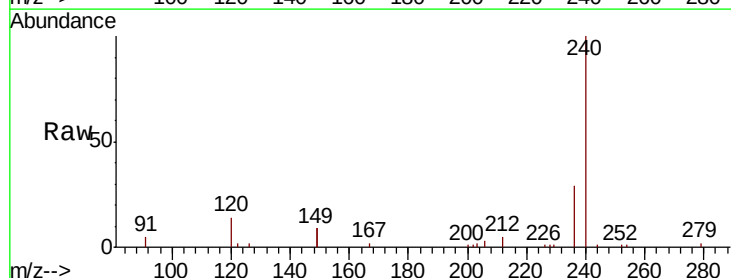


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

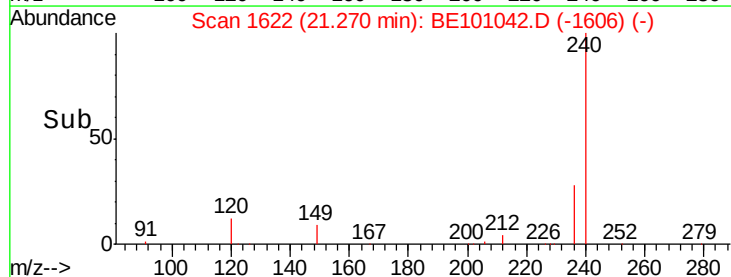
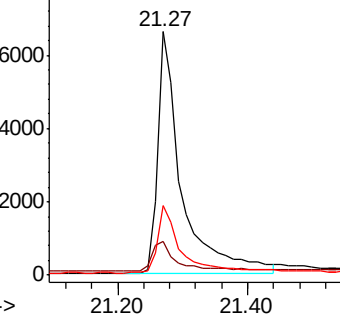


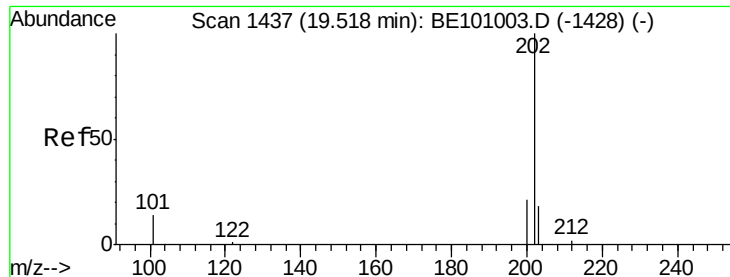
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Tgt Ion:240 Resp: 17036
Ion Ratio Lower Upper
240 100
120 13.9 8.6 13.0#
236 28.7 22.2 33.4



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

Pvrene

Concen: 0.002 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

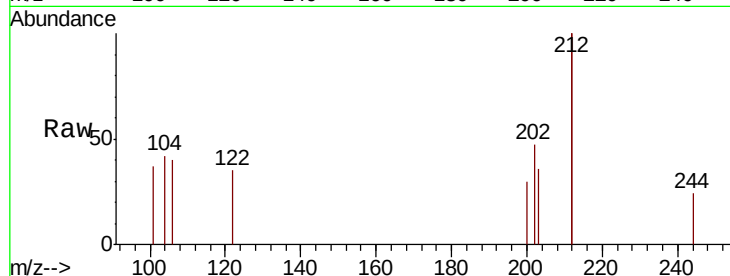
Tot Ion:202 Resp: 135

Ion Ratio Lower Upper

202 100

200 43.7 17.0 25.4#

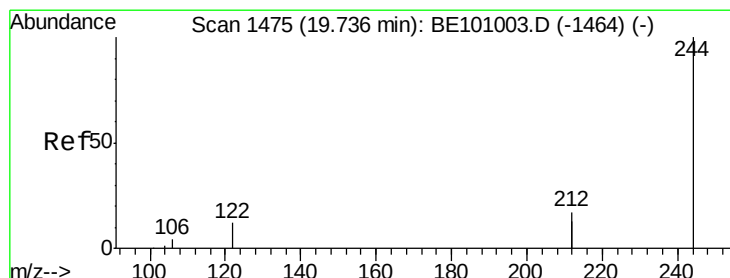
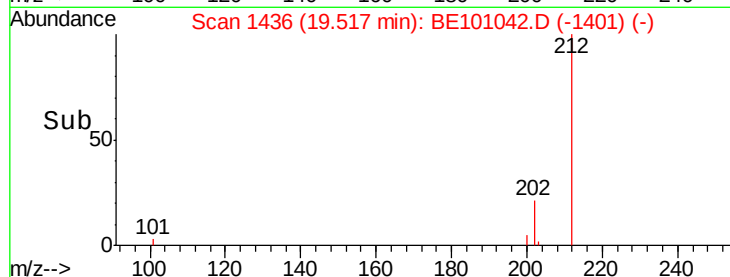
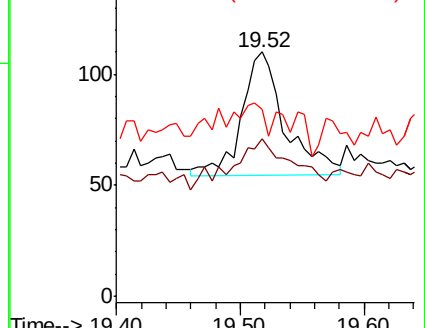
203 11.1 13.8 20.6#



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: 0.538 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

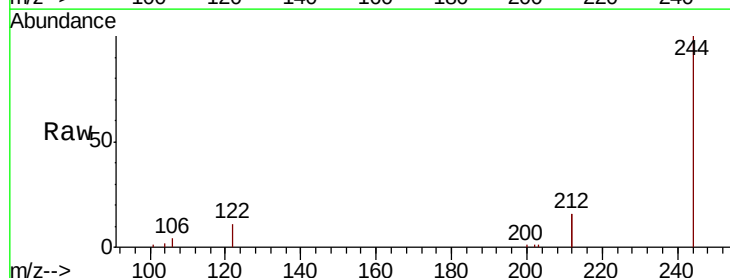
Tgt Ion:244 Resp: 22490

Ion Ratio Lower Upper

244 100

212 32.8 27.2 40.8

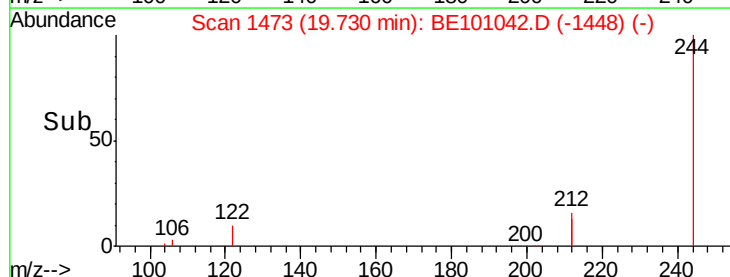
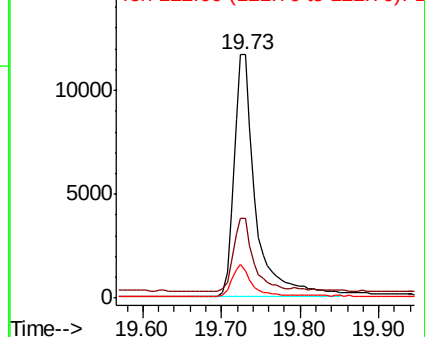
122 11.0 9.8 14.8

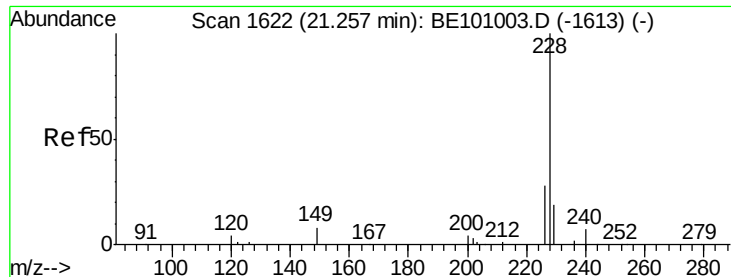


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

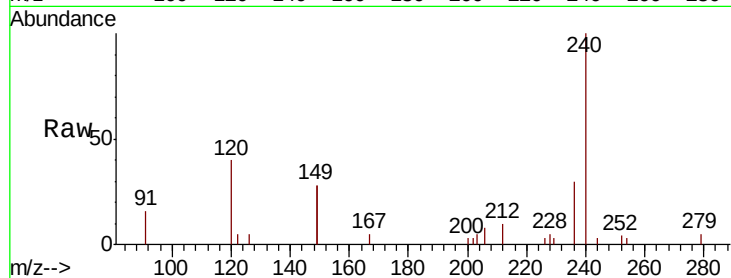
Tot Ion:228 Resp: 81

Ion Ratio Lower Upper

228 100

226 68.4 22.7 34.1#

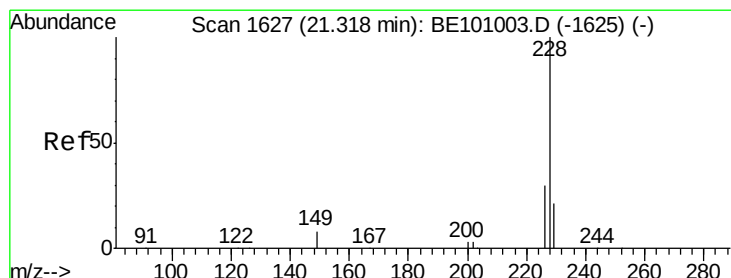
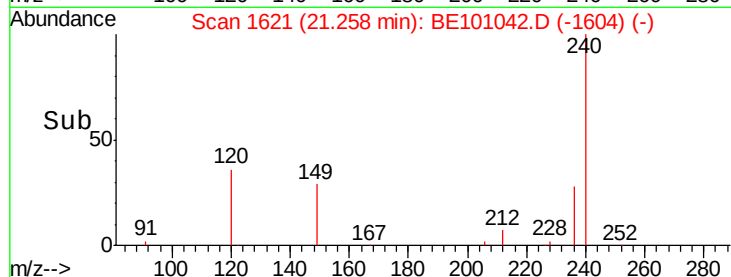
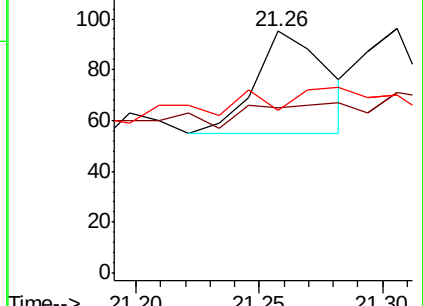
229 67.4 15.5 23.3#



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: 0.001 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.06 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

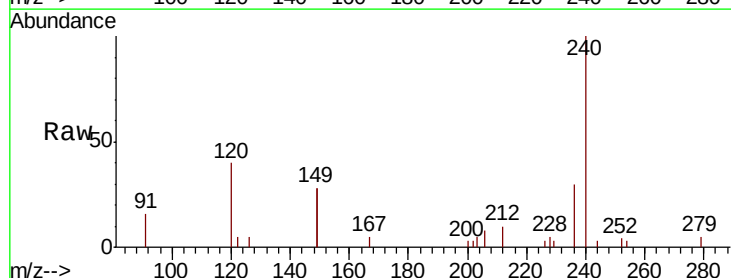
Tgt Ion:228 Resp: 81

Ion Ratio Lower Upper

228 100

226 68.4 23.5 35.3#

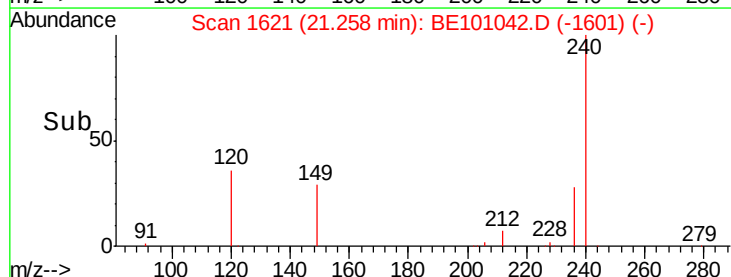
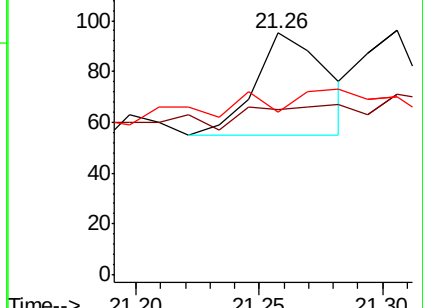
229 67.4 16.7 25.1#

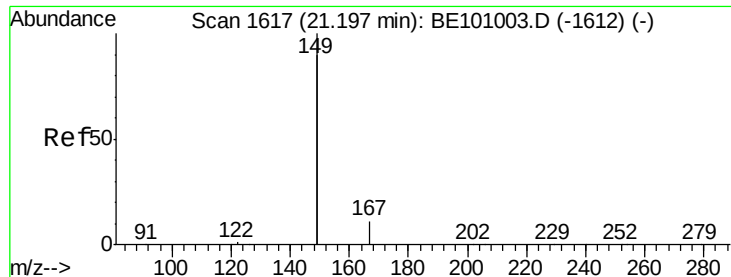


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.112 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

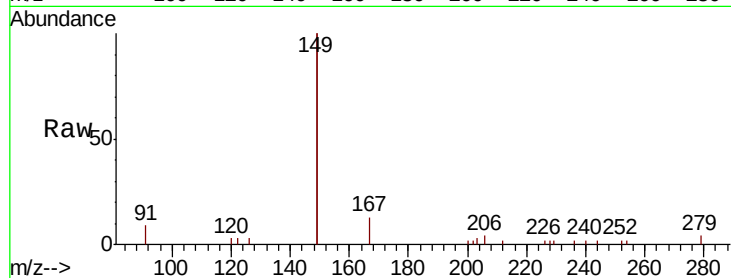
Tot Ion:149 Resp: 9037

Ion Ratio Lower Upper

149 100

167 5.6 5.2 7.8

279 1.3 0.8 1.2#

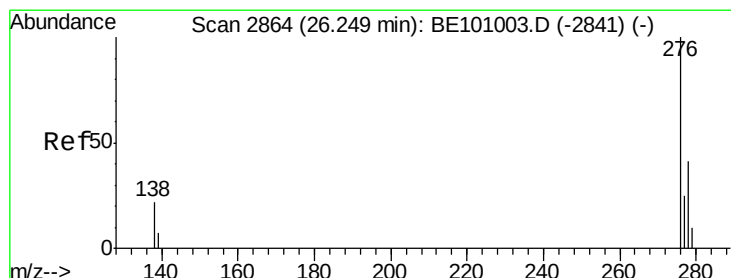
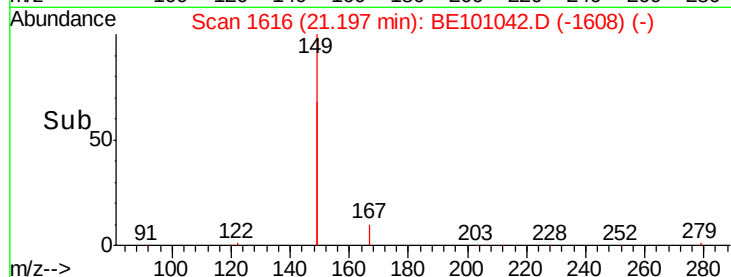
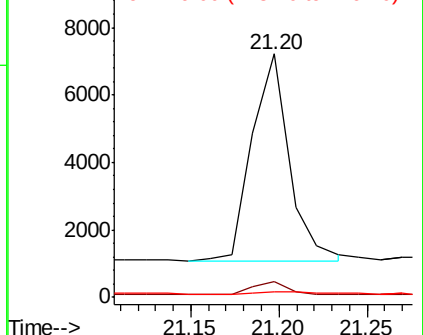


Abundance

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: 26.23 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

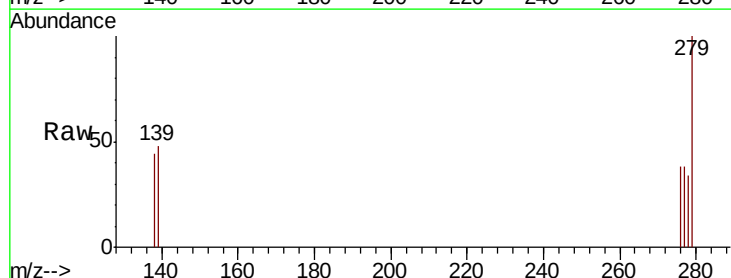
Tgt Ion:276 Resp: 13

Ion Ratio Lower Upper

276 100

138 30.8 16.1 24.1#

277 46.2 18.1 27.1#

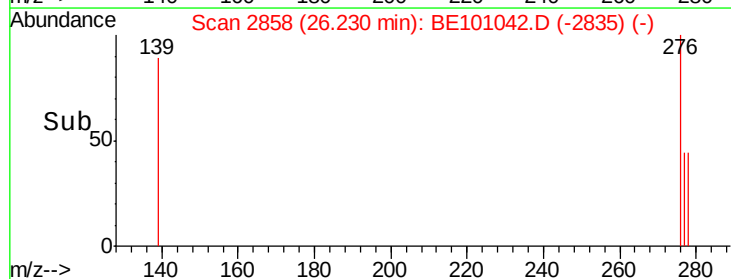
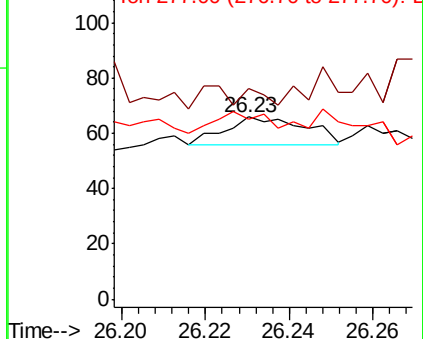


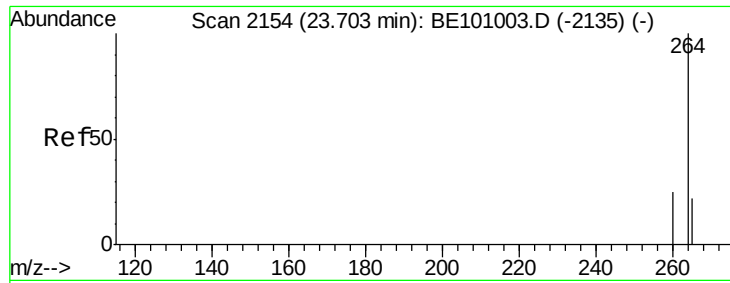
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

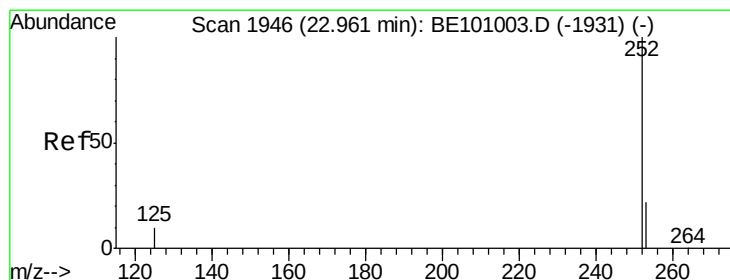
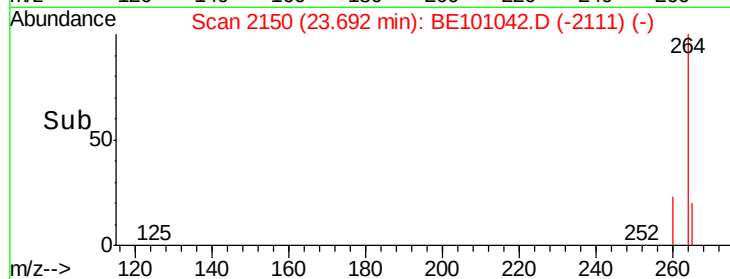
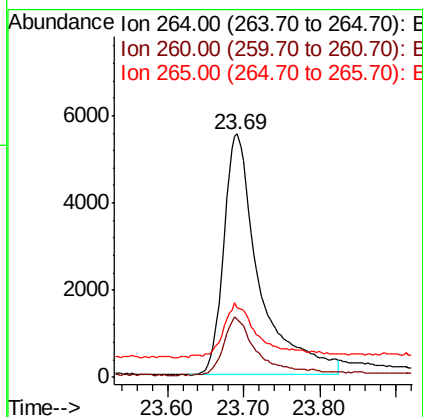
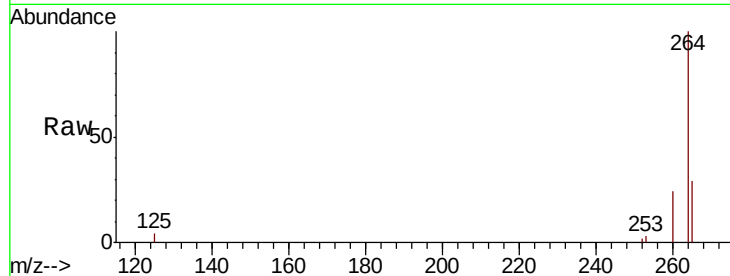




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

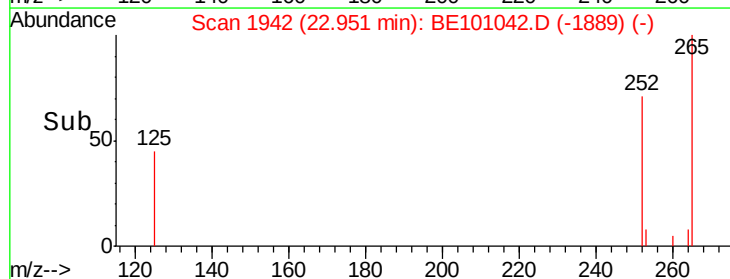
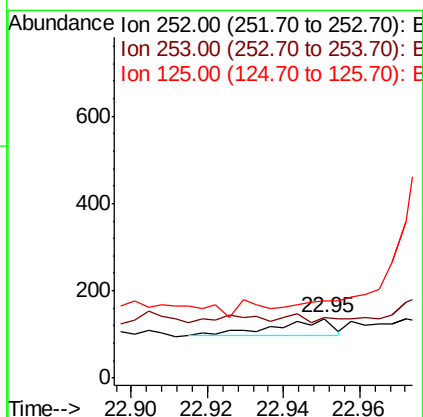
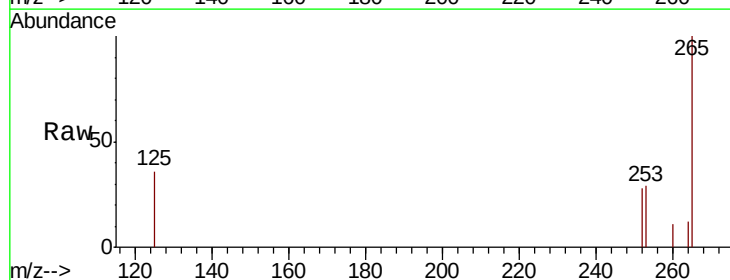
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-200107

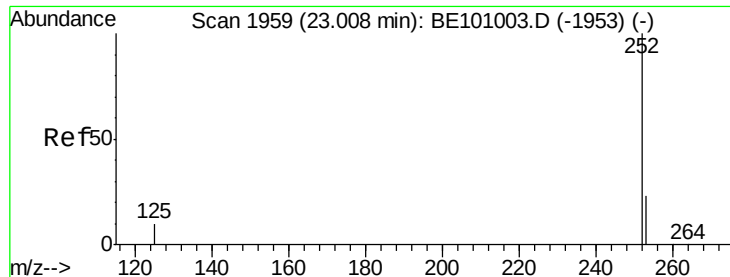
Tot Ion:264 Resp: 17901
Ion Ratio Lower Upper
264 100
260 23.7 20.3 30.5
265 28.8 27.0 40.4



#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101042.D
Acq: 13 Jan 2020 17:36

Tgt Ion:252 Resp: 39
Ion Ratio Lower Upper
252 100
253 102.2 18.5 27.7#
125 129.4 9.5 14.3#





#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

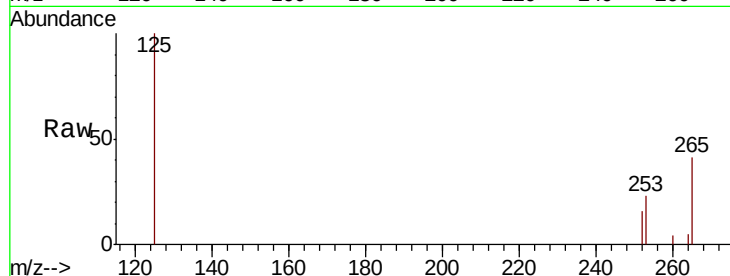
Tot Ion:252 Resp: 195

Ion Ratio Lower Upper

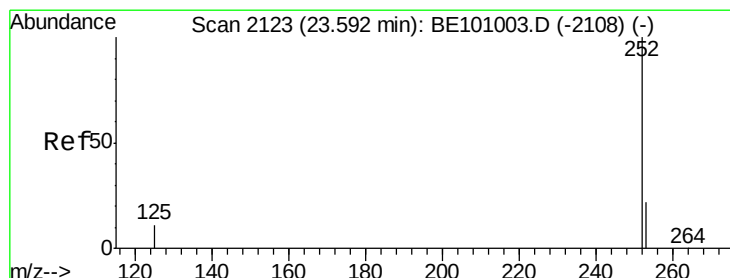
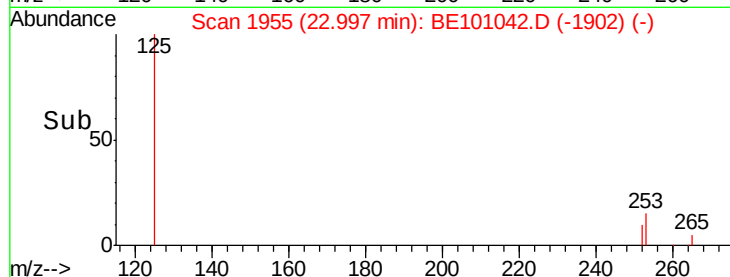
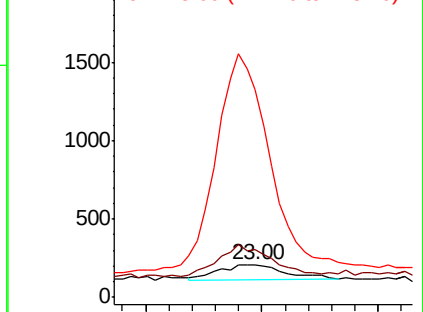
252 100

253 145.5 18.9 28.3#

125 634.4 10.1 15.1#



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: 23.59 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

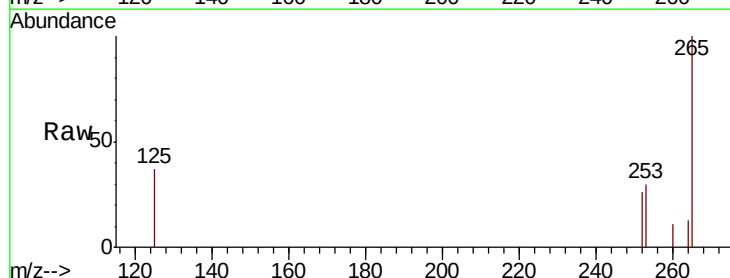
Tgt Ion:252 Resp: 6

Ion Ratio Lower Upper

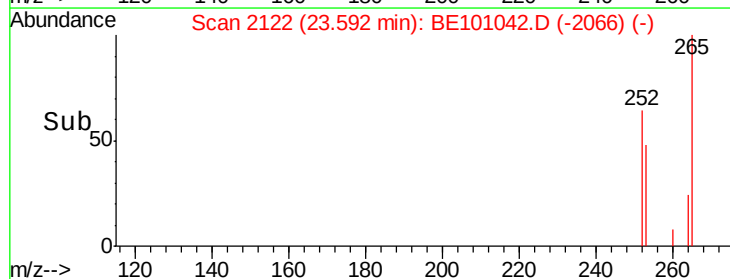
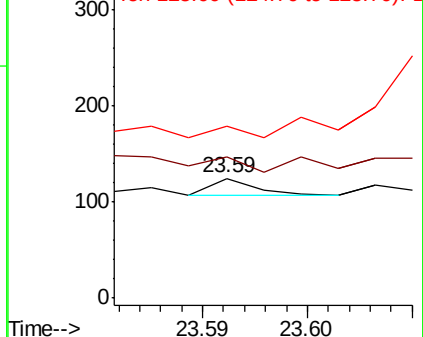
252 100

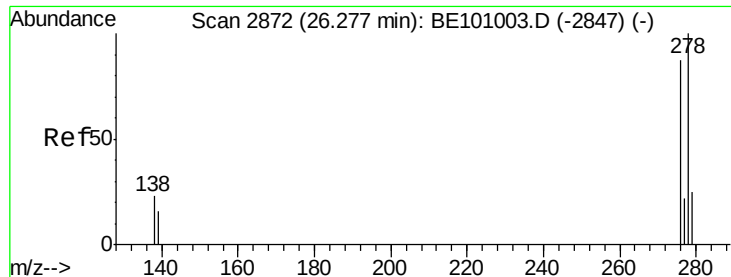
253 117.7 19.4 29.2#

125 144.4 11.8 17.6#



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: 0.000 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-200107

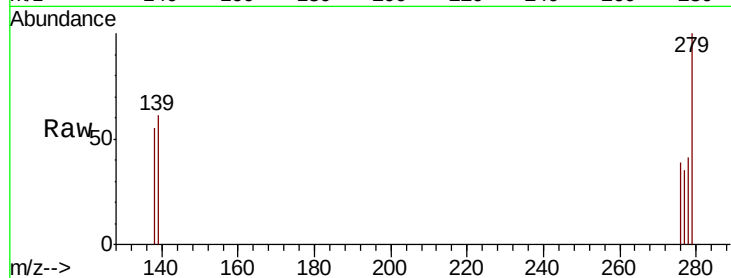
Tot Ion:278 Resp: 5

Ion Ratio Lower Upper

278 100

139 149.2 15.0 22.4#

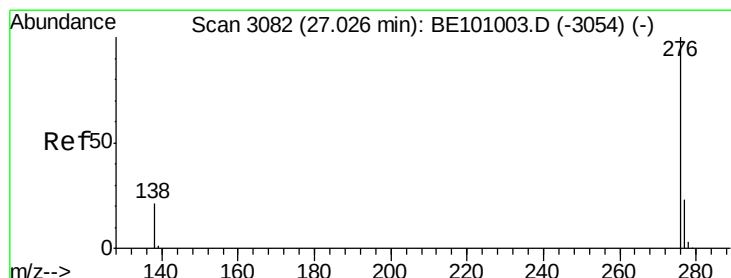
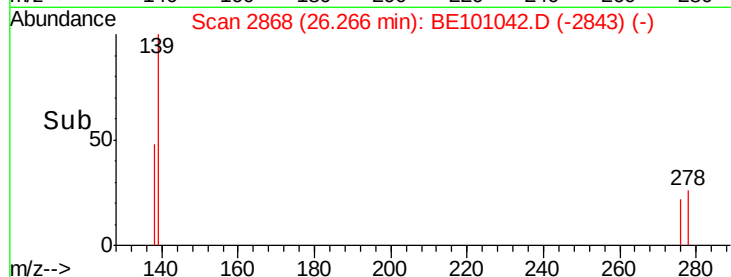
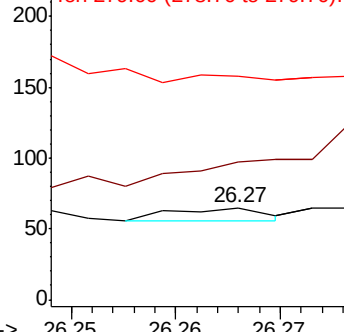
279 243.1 22.6 33.8#



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: 0.000 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101042.D

Acq: 13 Jan 2020 17:36

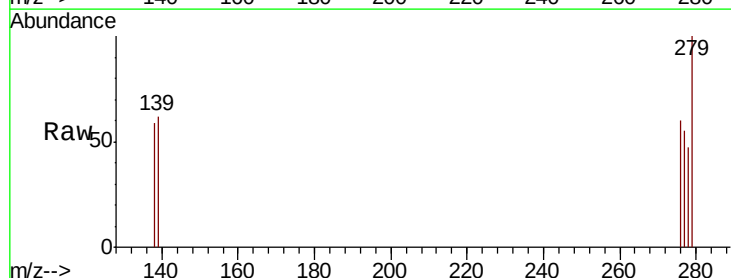
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

277 92.6 19.4 29.2#

138 98.5 17.9 26.9#



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

