

Data File : BE101120.D
Acq On : 22 Jan 2020 18:31
Operator : CG/JU
Sample : L1179-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Quant Time: Jan 23 04:07:48 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	7.71	152	3082	0.40	ng	-0.02
7) Naphthalene-d8	10.56	136	593122	0.40	ng	0.06
13) Acenaphthene-d10	14.36	164	10144	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21224	0.40	ng	0.00
27) Chrysene-d12	21.27	240	23183	0.40	ng	-0.01
34) Perylene-d12	23.70	264	22911	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	3486	0.50	ng	-0.01
5) Phenol-d6	6.92	99	1900	0.22	ng	0.00
8) Nitrobenzene-d5	8.94	82	200207	0.47	ng	0.06
11) 2-Methylnaphthalene-d10	12.25	152	240	0.00	ng	0.14
14) 2,4,6-Tribromophenol	15.85	330	1482	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	17810	0.46	ng	-0.03
25) Fluoranthene-d10	19.12	212	102416	0.35	ng	-0.01
29) Terphenyl-d14	19.72	244	23101	0.41	ng	-0.01

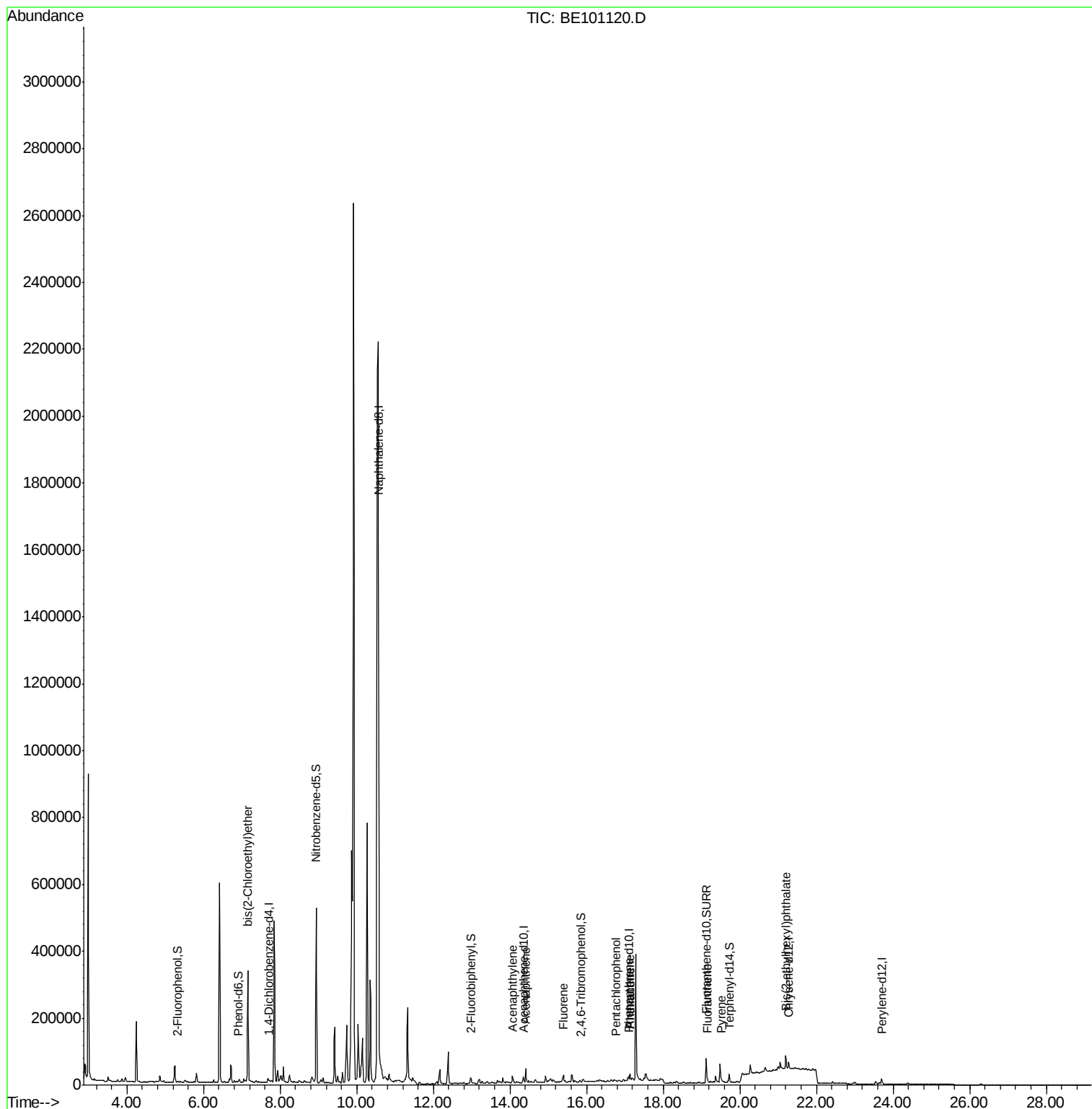
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	278	Below Cal		# 1
6) bis(2-Chloroethyl)ether	7.16	93	424870	40.650	ng	# 1
16) Acenaphthylene	14.07	152	13375	0.324	ng	# 78
17) Acenaphthene	14.41	154	21695	0.734	ng	# 97
18) Fluorene	15.39	166	19286	0.516	ng	# 96
22) Pentachlorophenol	16.77	266	27	0.257	ng	# 75
23) Phenanthrene	17.13	178	26818	0.463	ng	# 96
24) Anthracene	17.13	178	26818	0.490	ng	# 95
26) Fluoranthene	19.15	202	10493	0.145	ng	# 96
28) Pyrene	19.51	202	9940	0.115	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	48848	0.443	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.71 min Scan# 421

Delta R.T. -0.02 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

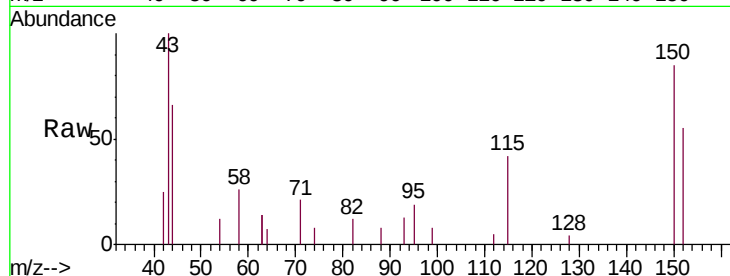
Tgt Ion:152 Resp: 3082

Ion Ratio Lower Upper

152 100

150 156.3 120.3 180.5

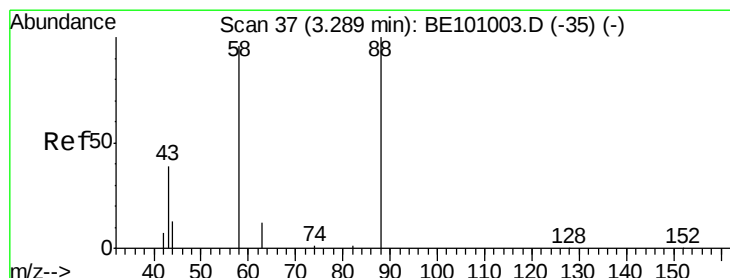
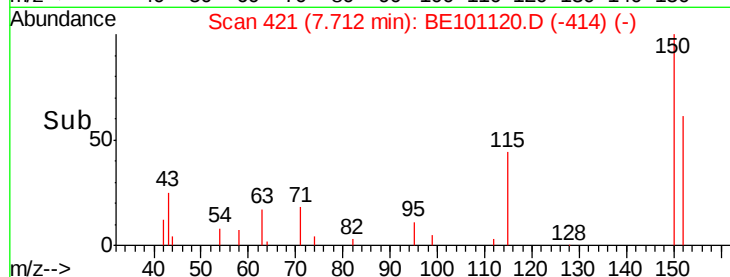
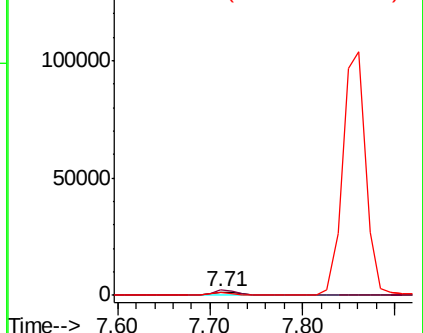
115 76.2 51.7 77.5



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

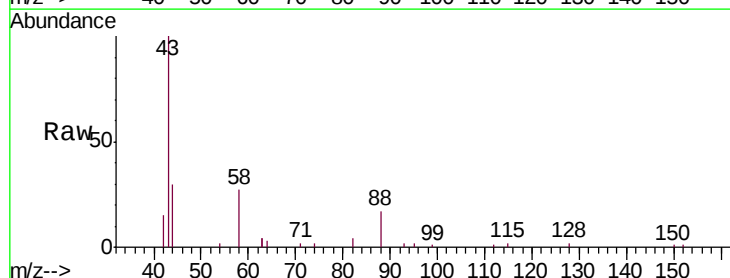
Tgt Ion: 88 Resp: 278

Ion Ratio Lower Upper

88 100

58 0.0 53.0 79.4#

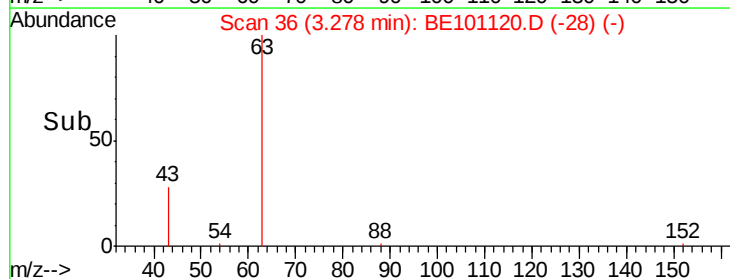
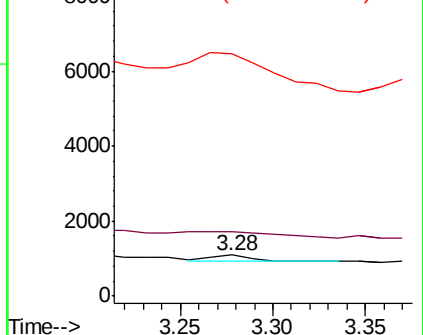
43 1121.2 23.4 35.2#

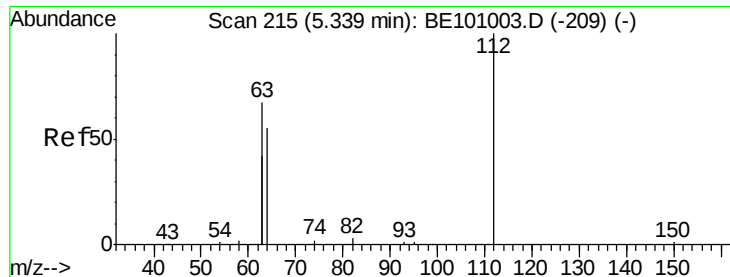


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.503 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampled :

SB-MW-14

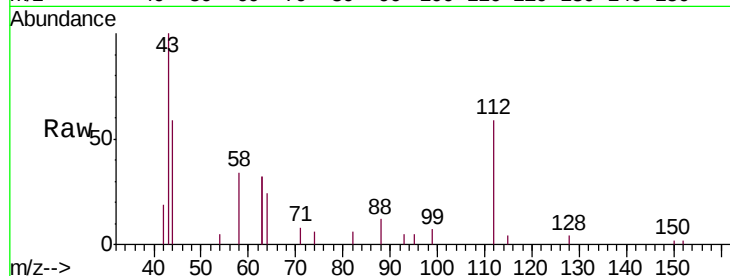
Tgt Ion: 112 Resp: 3486

Ion Ratio Lower Upper

112 100

64 26.6 53.6 80.4#

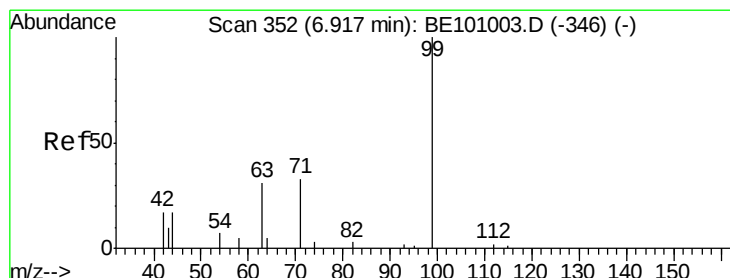
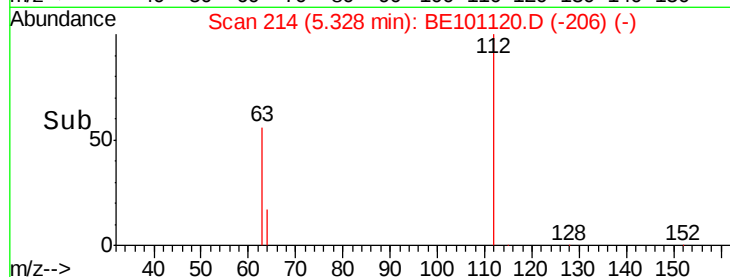
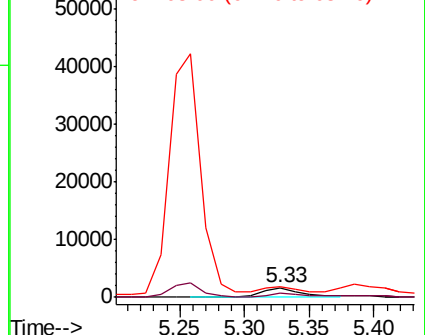
63 40.0 114.6 172.0#



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.216 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

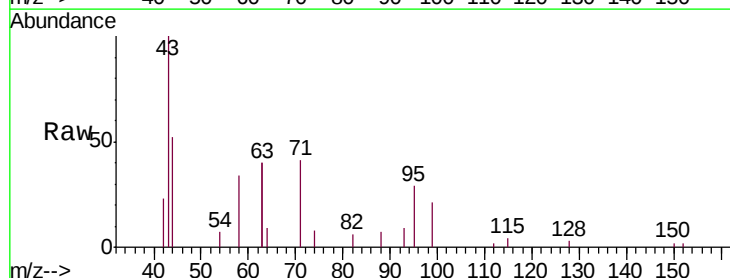
Tgt Ion: 99 Resp: 1900

Ion Ratio Lower Upper

99 100

42 53.4 18.3 27.5#

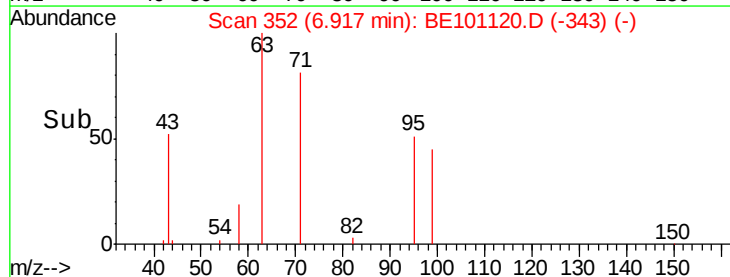
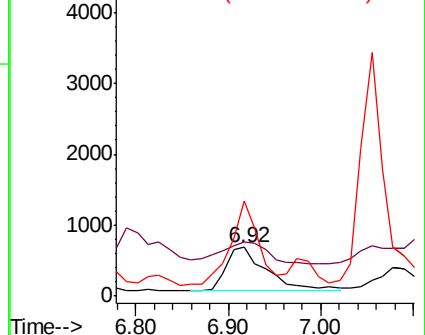
71 128.8 28.0 42.0#

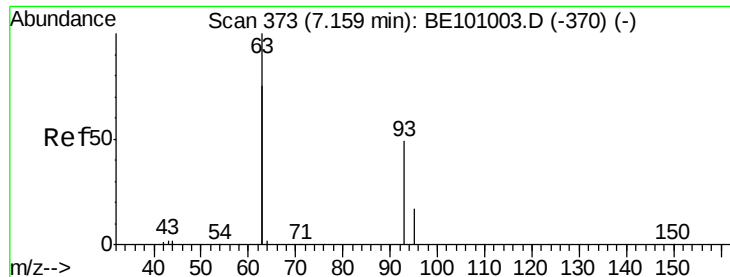


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 40.650 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

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SB-MW-14

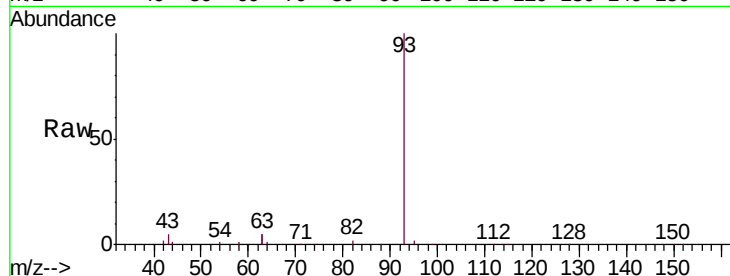
Tgt Ion: 93 Resp: 424870

Ion Ratio Lower Upper

93 100

63 10.2 233.9 350.9#

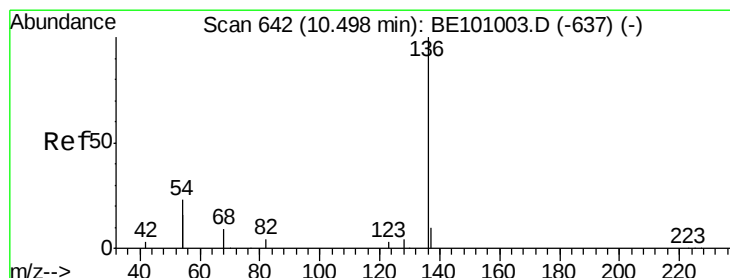
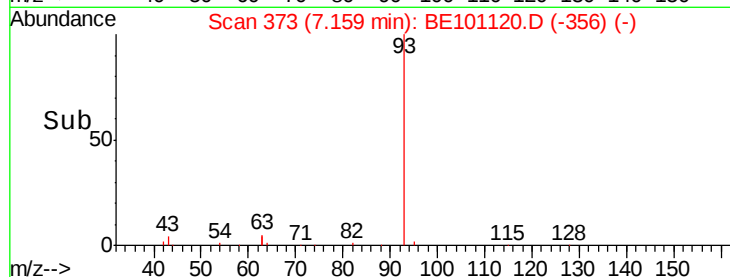
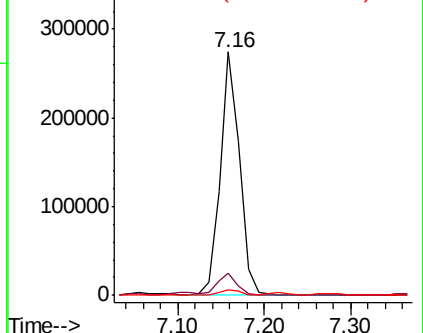
95 2.3 23.5 35.3#



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: 10.56 min Scan# 646

Delta R.T. 0.06 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Tgt Ion: 136 Resp: 593122

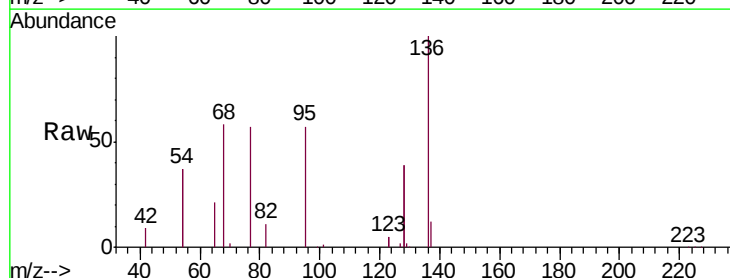
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 73.9 36.8 55.2#

68 58.3 8.4 12.6#

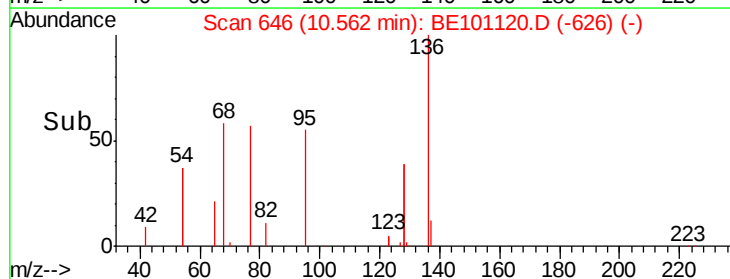
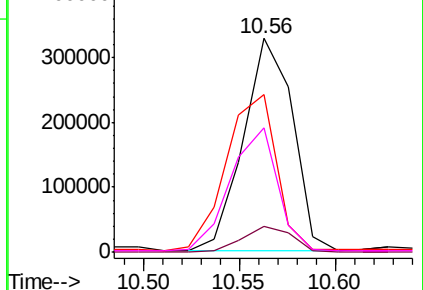


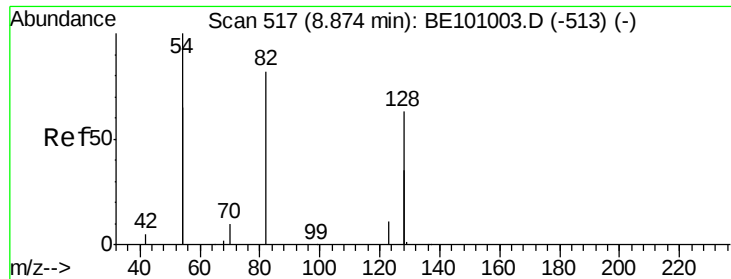
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.472 ng

RT: 8.94 min Scan# 521

Delta R.T. 0.06 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

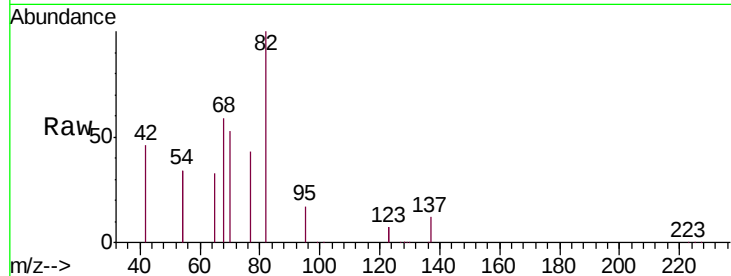
Tgt Ion: 82 Resp: 200207

Ion Ratio Lower Upper

82 100

128 0.6 109.8 164.6#

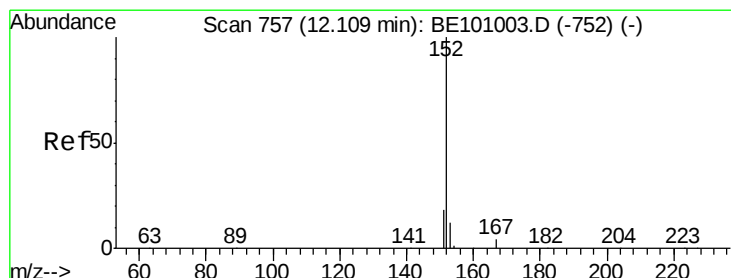
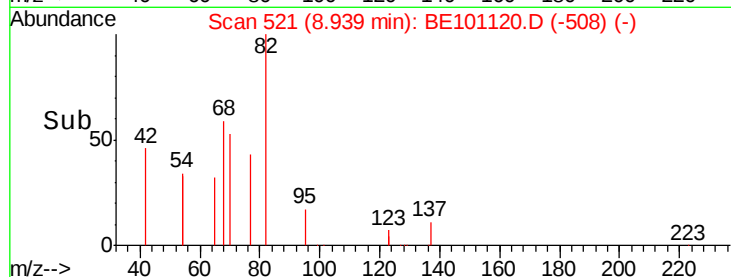
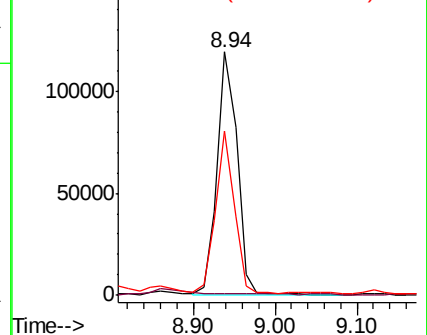
54 67.5 174.5 261.7#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.14 min

Lab File: BE101120.D

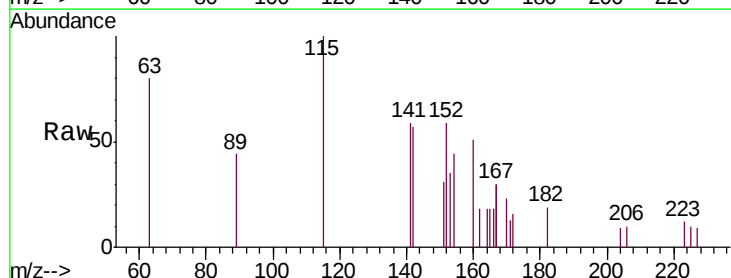
Acq: 22 Jan 2020 18:31

Tgt Ion: 152 Resp: 240

Ion Ratio Lower Upper

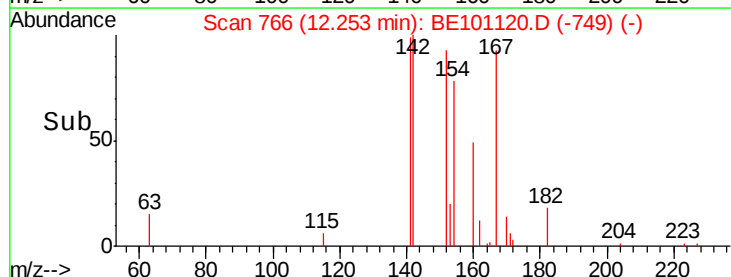
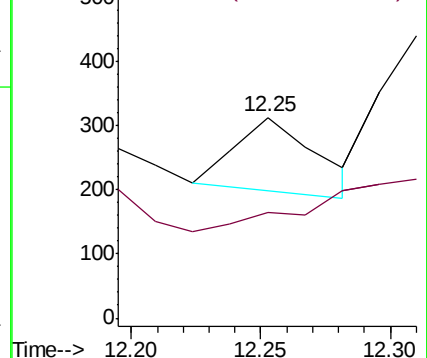
152 100

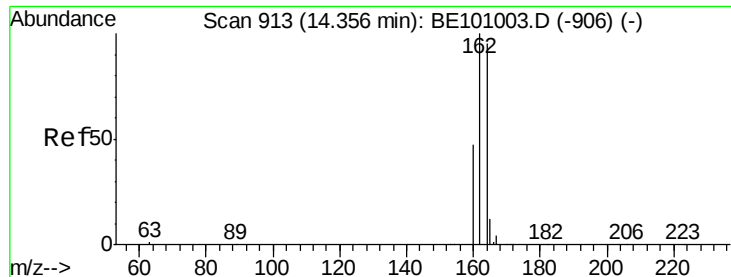
151 0.0 15.0 22.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

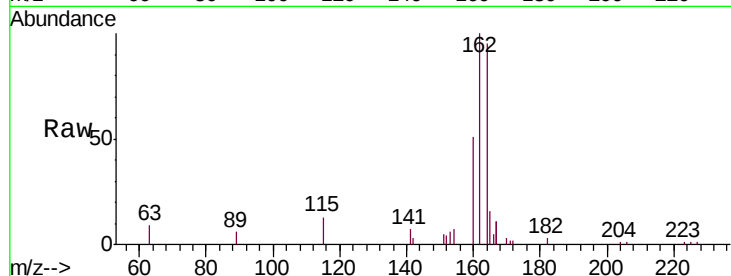




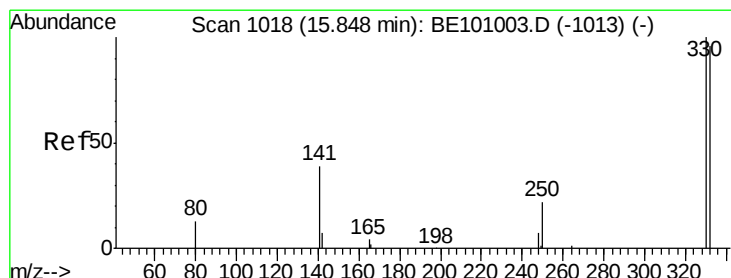
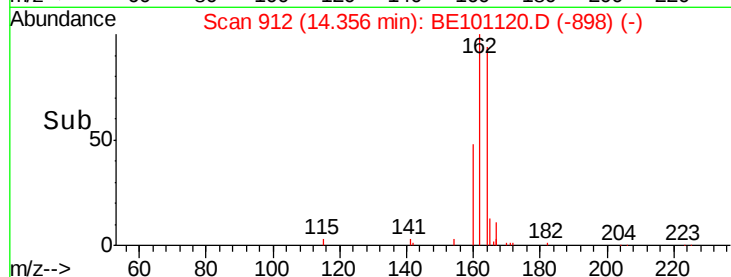
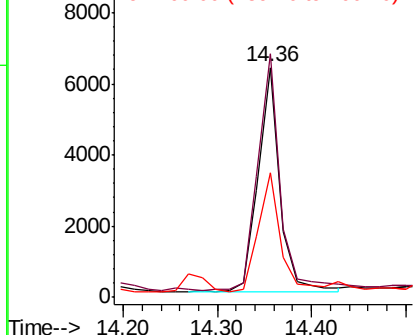
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Instrument :
 BNA_E
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 SB-MW-14

Tgt Ion:164 Resp: 10144
 Ion Ratio Lower Upper
 164 100
 162 105.8 84.1 126.1
 160 54.2 40.4 60.6

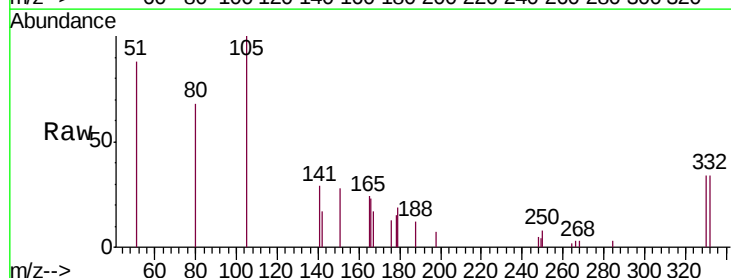


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

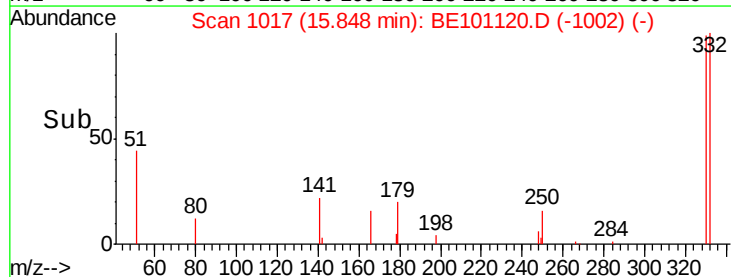
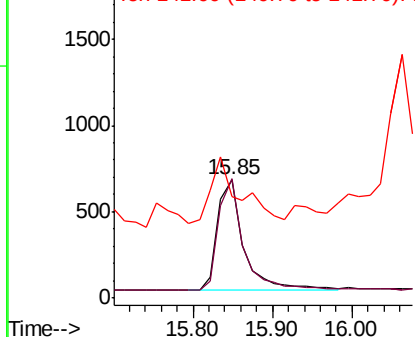


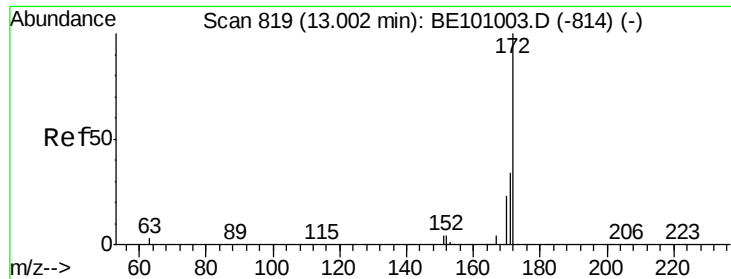
#14
 2,4,6-Tribromophenol
 Concen: 0.518 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Tgt Ion:330 Resp: 1482
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 66.0 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

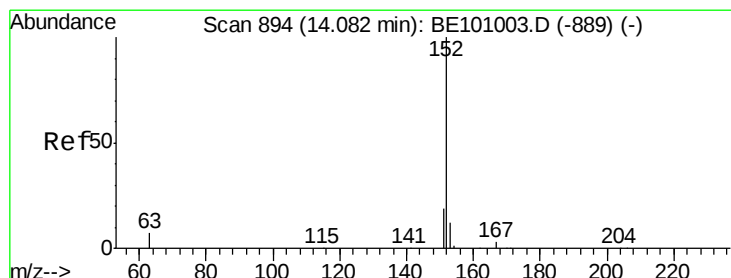
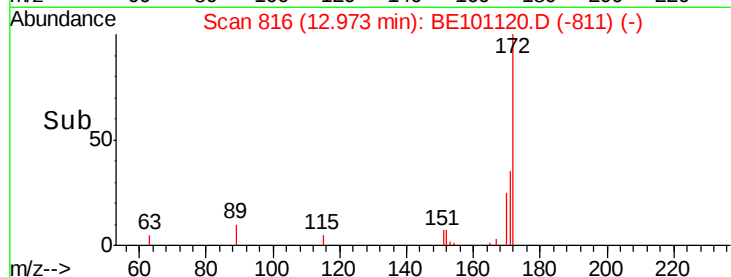
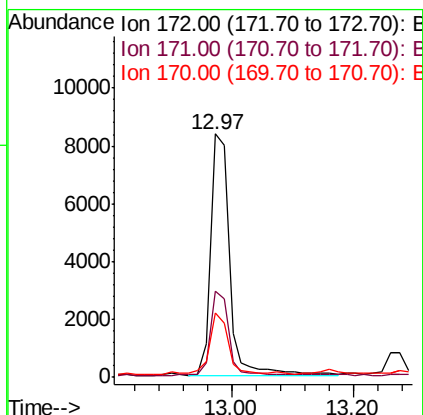
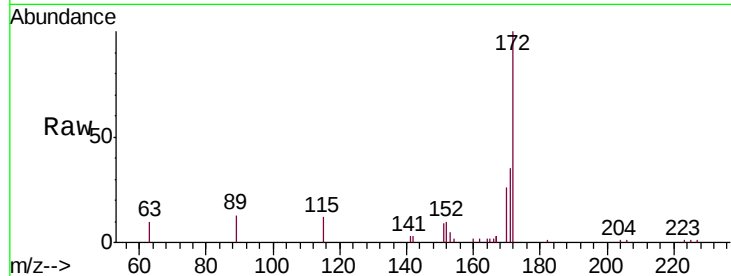




#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.03 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

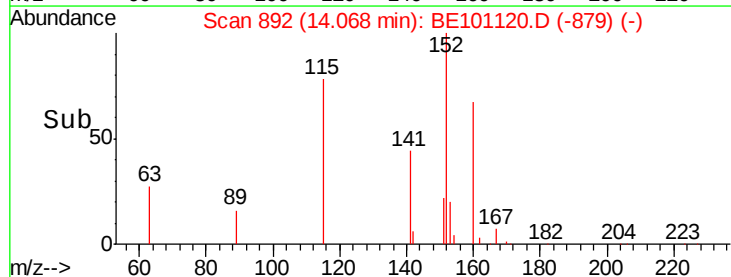
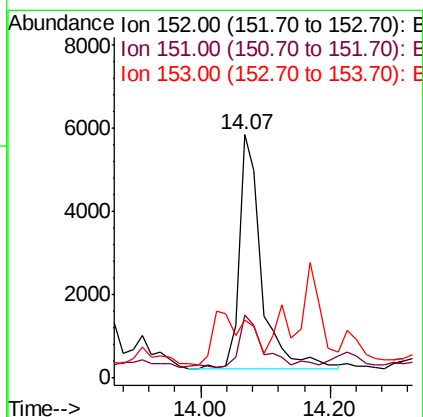
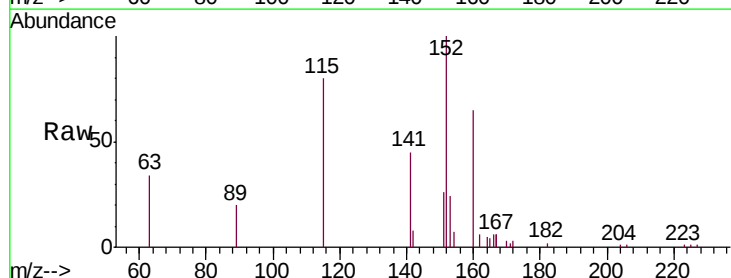
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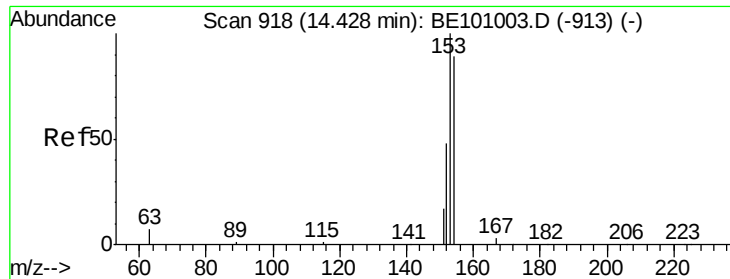
Tgt Ion:172 Resp: 17810
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 26.5 18.9 28.3



#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion:152 Resp: 13375
Ion Ratio Lower Upper
152 100
151 26.1 15.5 23.3#
153 0.0 10.4 15.6#

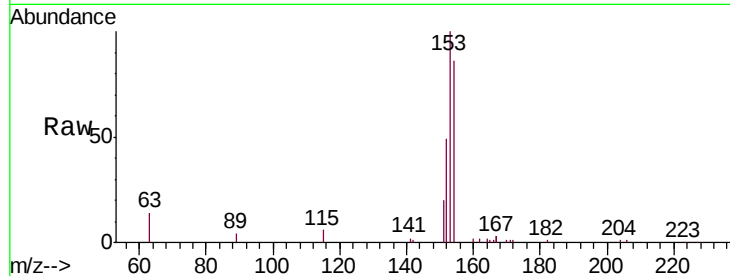




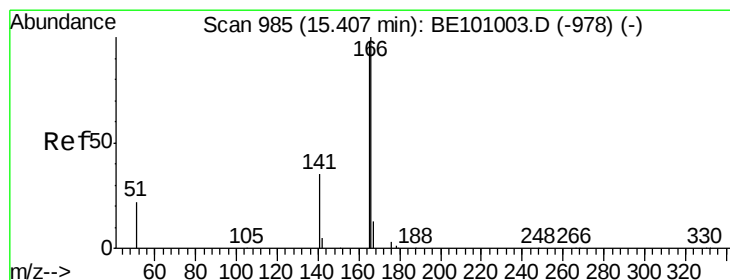
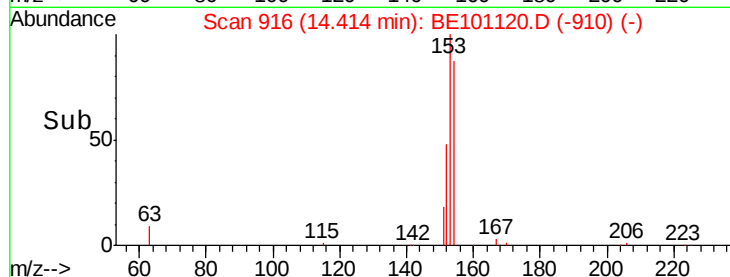
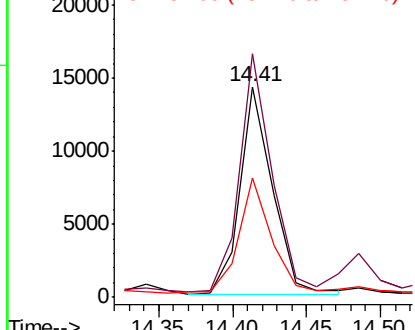
#17
Acenaphthene
Concen: 0.734 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:154 Resp: 21695
Ion Ratio Lower Upper
154 100
153 113.7 93.6 140.4
152 59.1 46.3 69.5

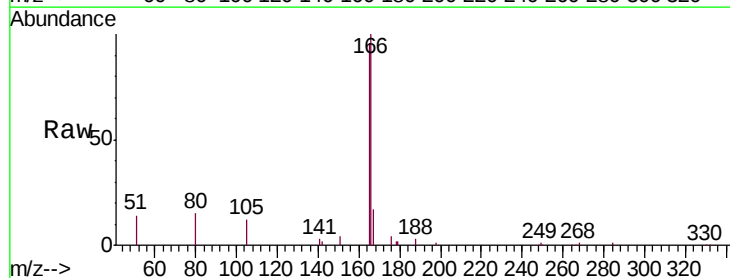


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

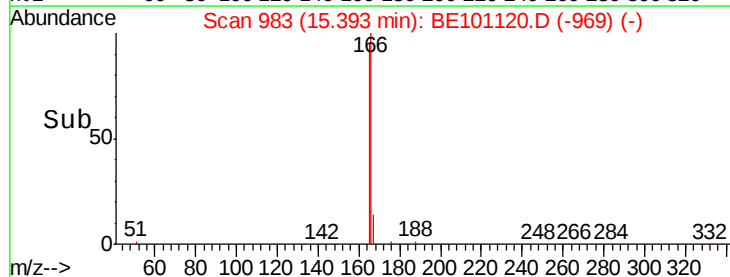
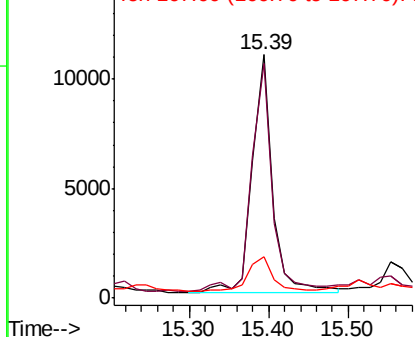


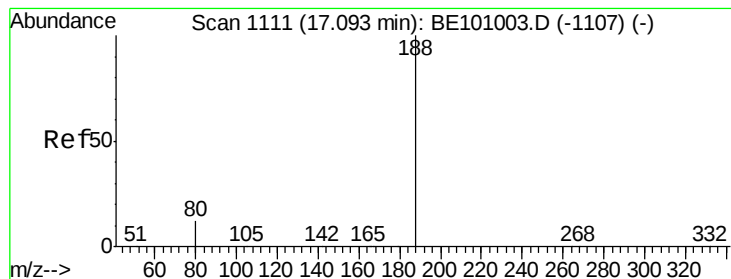
#18
Fluorene
Concen: 0.516 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101120.D
Acq: 22 Jan 2020 18:31

Tgt Ion:166 Resp: 19286
Ion Ratio Lower Upper
166 100
165 96.8 79.8 119.8
167 19.2 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: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

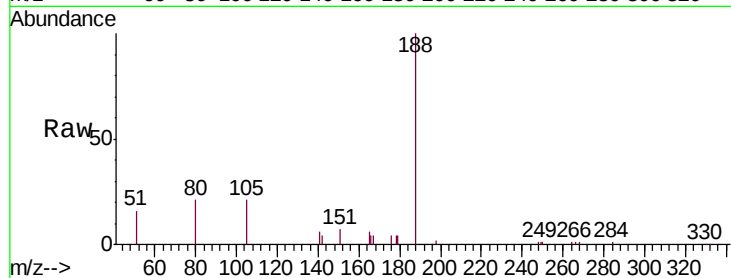
Tgt Ion:188 Resp: 21224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

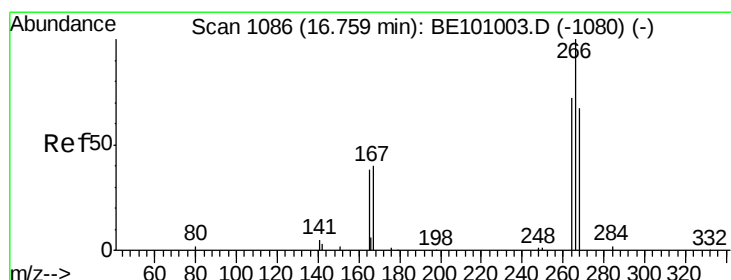
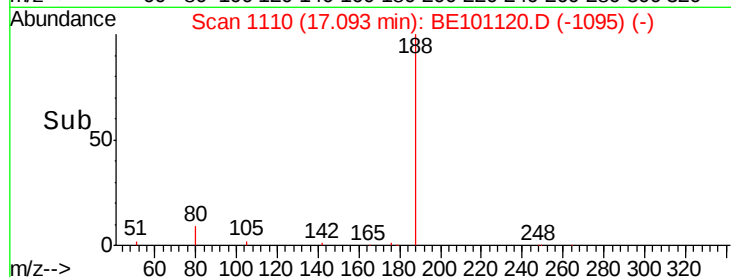
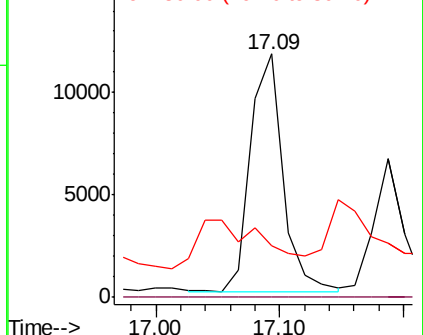
80 21.3 10.8 16.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.257 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

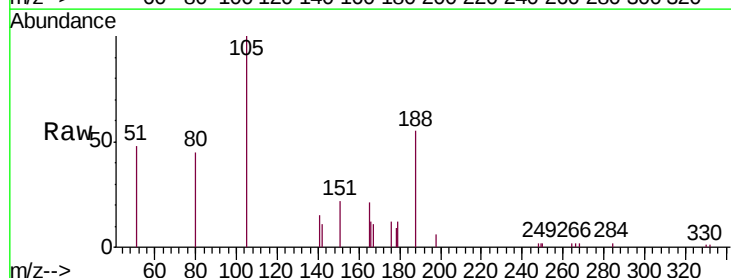
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 88.1 61.0 91.4

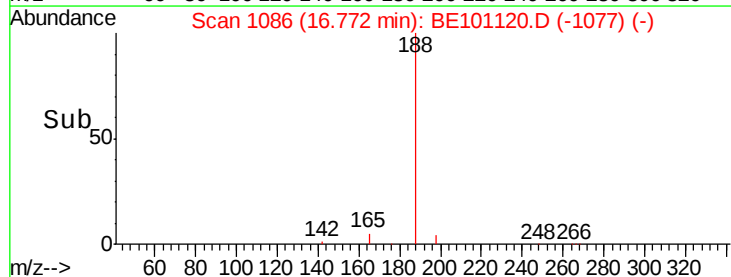
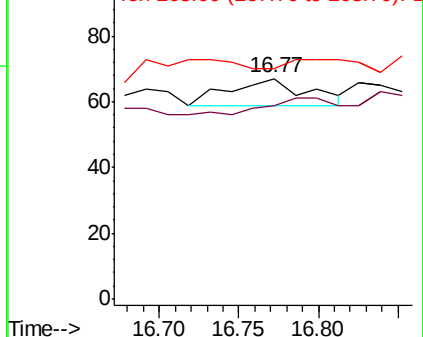
268 104.5 58.5 87.7#

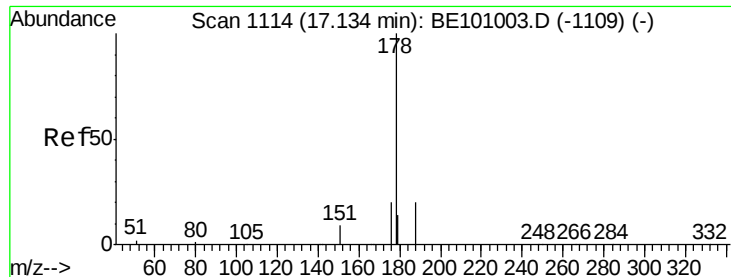


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.463 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

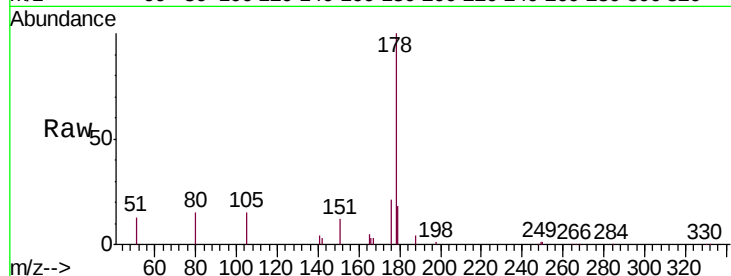
Tgt Ion:178 Resp: 26818

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

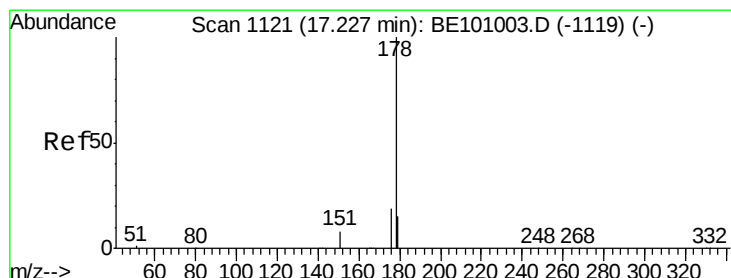
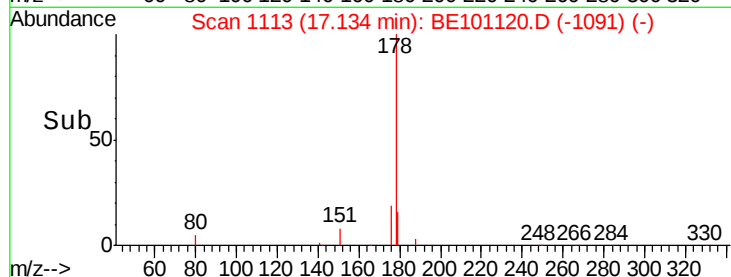
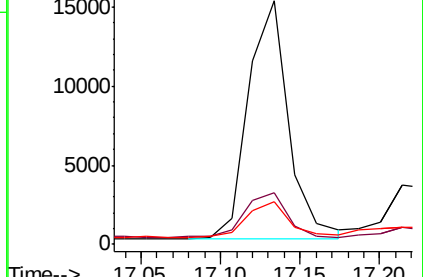
179 18.3 12.0 18.0#



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: 0.490 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.09 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

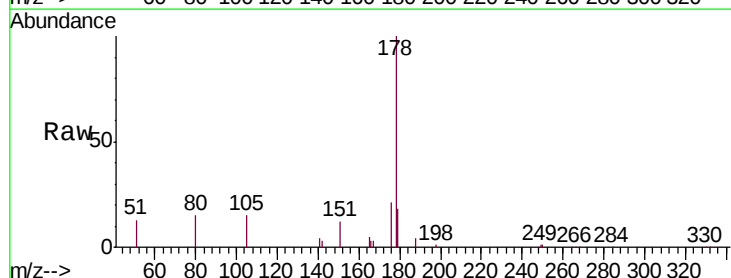
Tgt Ion:178 Resp: 26818

Ion Ratio Lower Upper

178 100

176 20.3 14.8 22.2

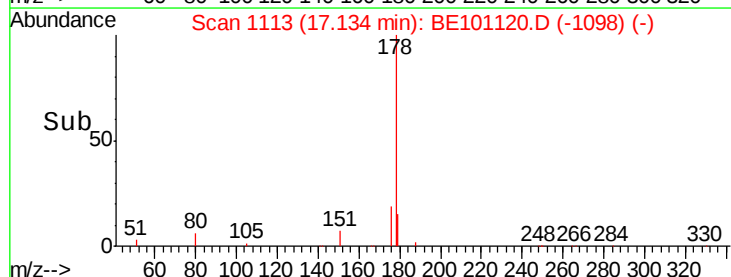
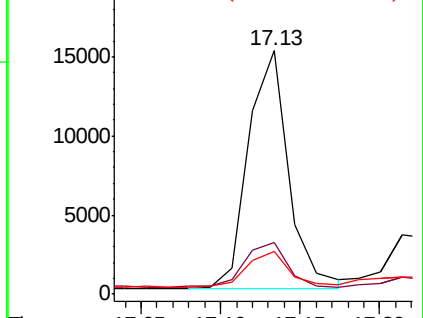
179 18.3 12.4 18.6

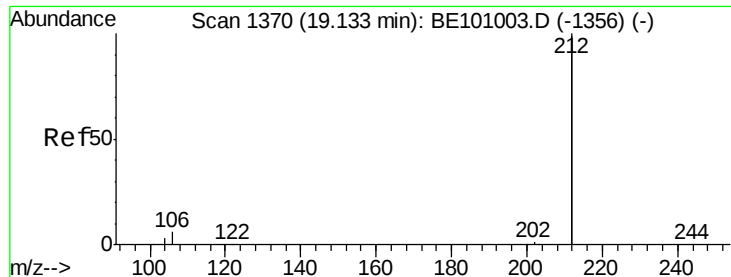


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

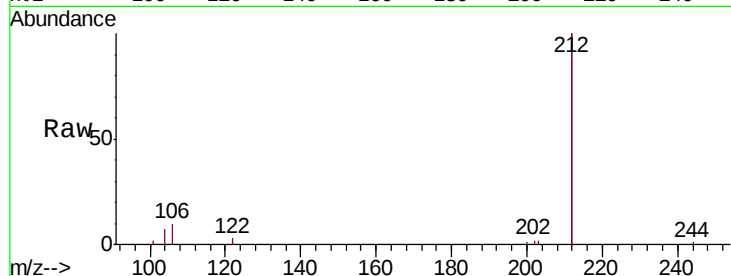
Tgt Ion:212 Resp: 102416

Ion Ratio Lower Upper

212 100

106 3.6 2.6 3.8

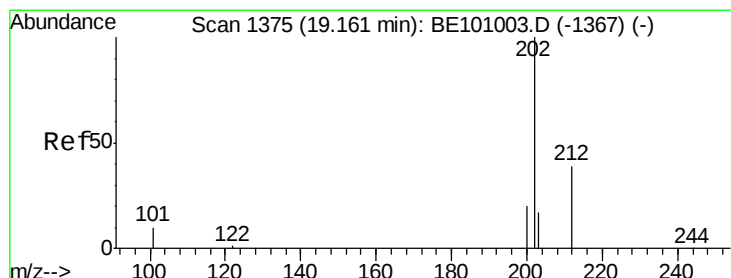
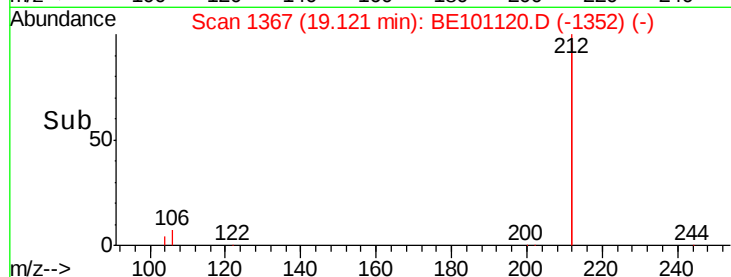
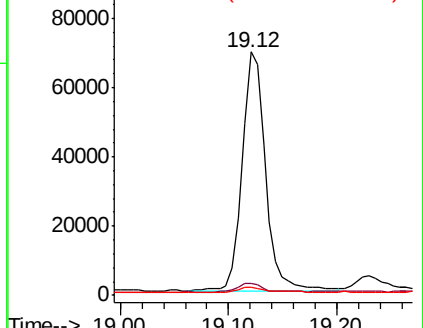
104 2.0 1.4 2.0



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: 0.145 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

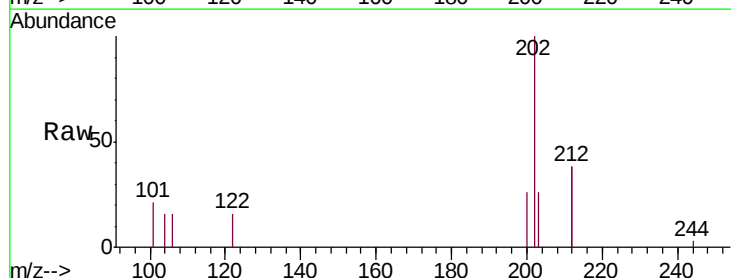
Tgt Ion:202 Resp: 10493

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

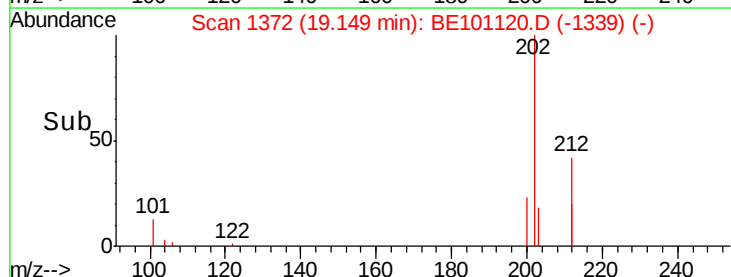
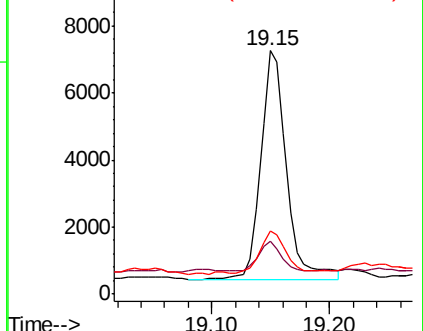
203 20.2 13.8 20.6

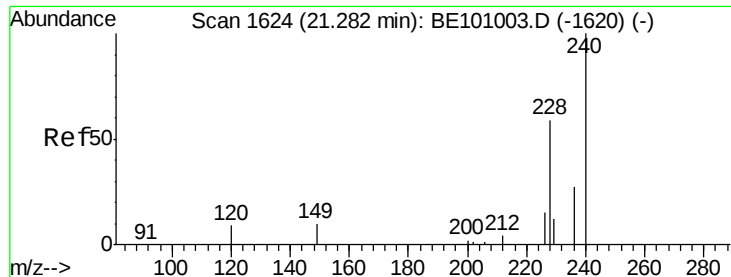


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

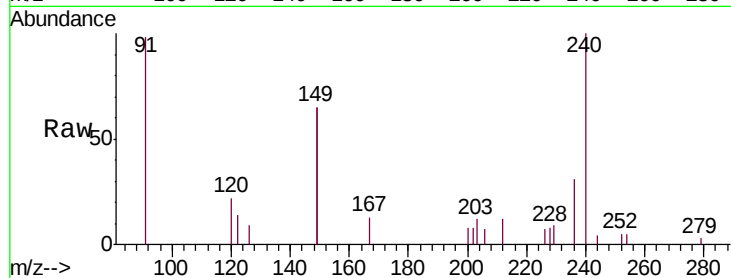
Tgt Ion:240 Resp: 23183

Ion Ratio Lower Upper

240 100

120 22.4 8.6 13.0#

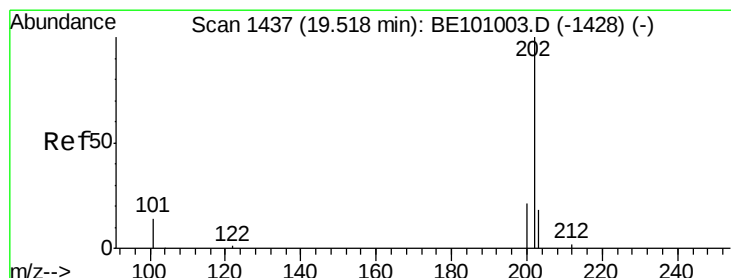
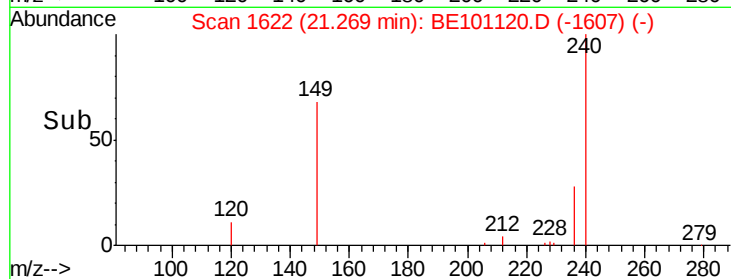
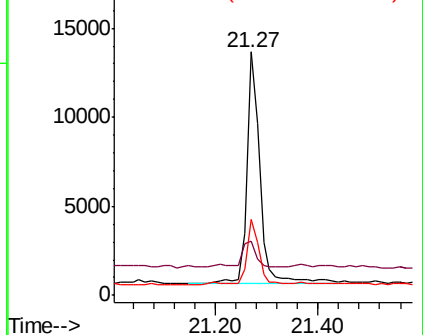
236 31.1 22.2 33.4



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

Pyrene

Concen: 0.115 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

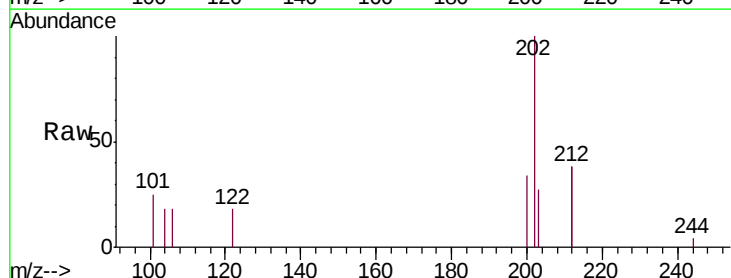
Tgt Ion:202 Resp: 9940

Ion Ratio Lower Upper

202 100

200 29.2 17.0 25.4#

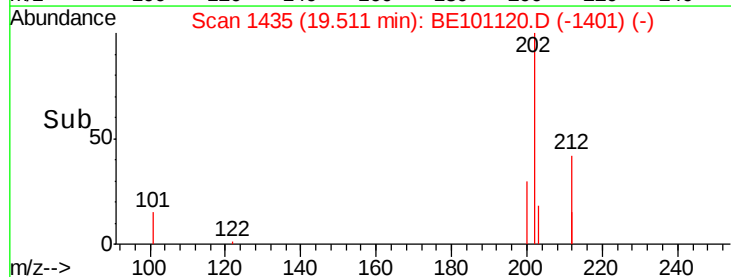
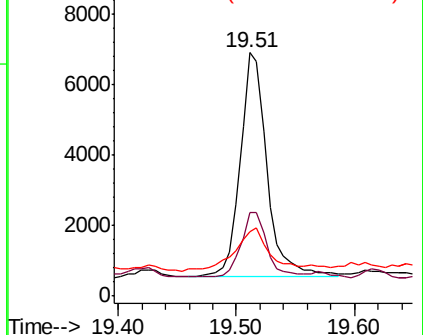
203 24.6 13.8 20.6#

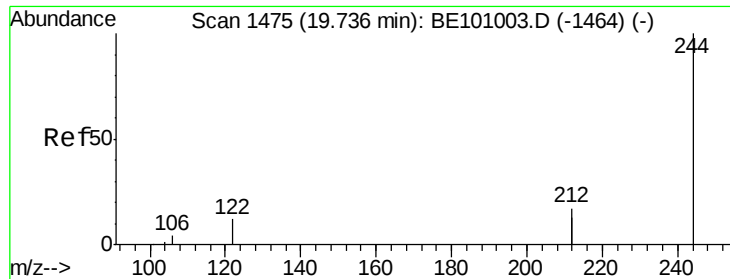


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

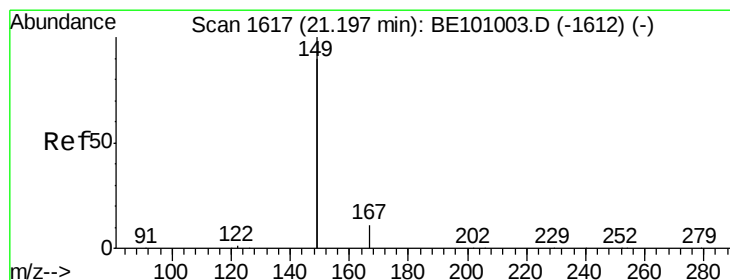
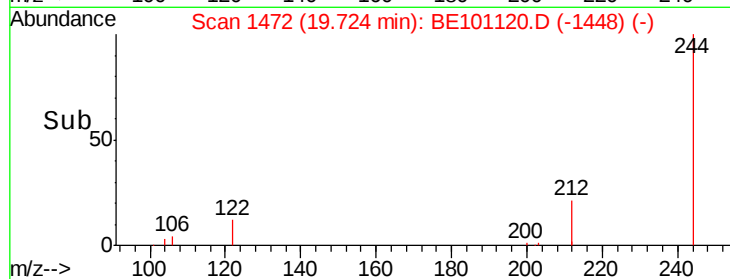
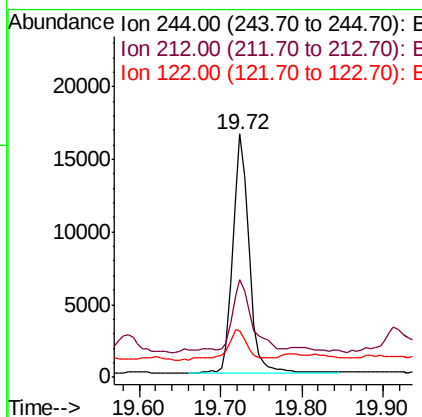
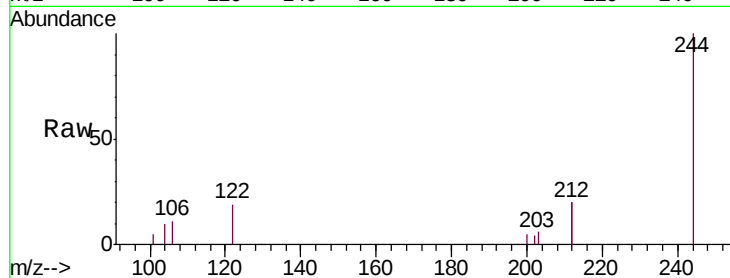




#29
 Terphenyl-d14
 Concen: 0.406 ng
 RT: 19.72 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

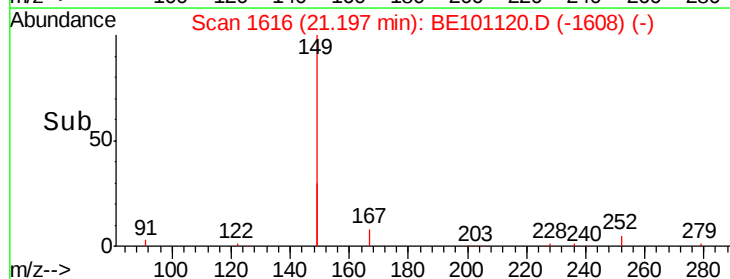
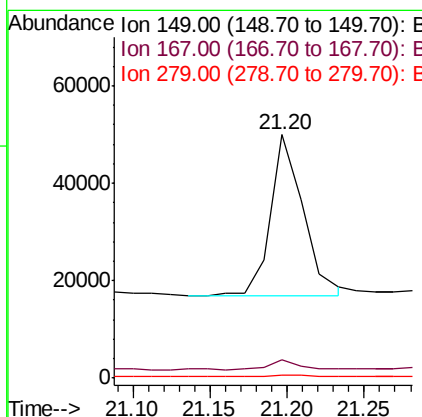
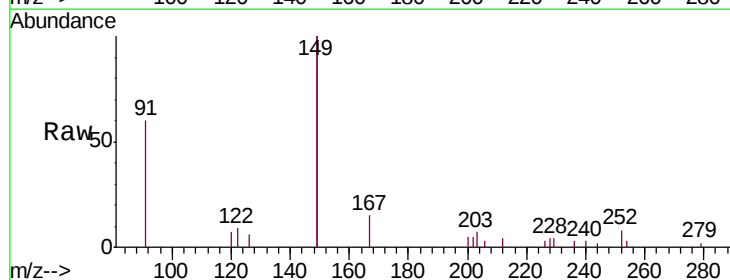
Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

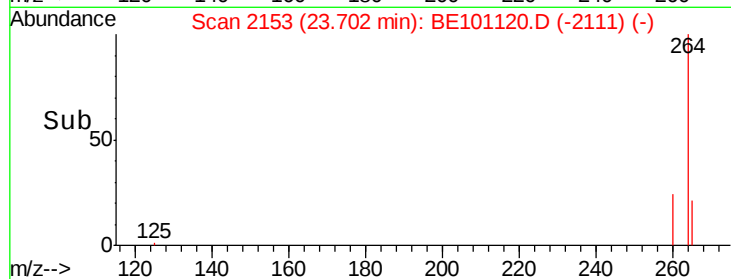
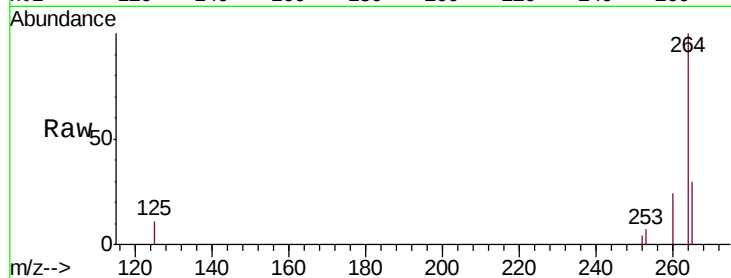
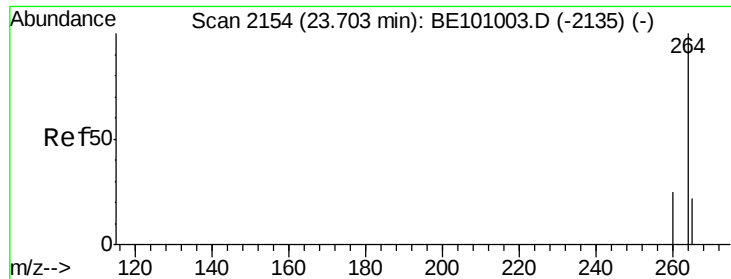
Tgt Ion: 244 Resp: 23101
 Ion Ratio Lower Upper
 244 100
 212 40.2 27.2 40.8
 122 19.2 9.8 14.8#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.443 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BE101120.D
 Acq: 22 Jan 2020 18:31

Tgt Ion: 149 Resp: 48848
 Ion Ratio Lower Upper
 149 100
 167 5.4 5.2 7.8
 279 0.7 0.8 1.2#





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BE101120.D

Acq: 22 Jan 2020 18:31

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

Tgt Ion:264 Resp: 22911

Ion Ratio Lower Upper

264 100

260 24.5 20.3 30.5

265 29.8 27.0 40.4

