

Data File : BE101110.D
Acq On : 21 Jan 2020 15:21
Operator : CG/JU
Sample : L1179-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-MW-14

Quant Time: Jan 22 07:57:14 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	7.72	152	466	0.40	ng	-0.01
7) Naphthalene-d8	10.56	136	177537	0.40	ng	0.07
13) Acenaphthene-d10	14.36	164	4162	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16285	0.40	ng	0.00
27) Chrysene-d12	21.27	240	28255	0.40	ng	-0.01
34) Perylene-d12	23.70	264	26941	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	622	0.59	ng	-0.01
5) Phenol-d6	6.91	99	489	0.37	ng	-0.01
8) Nitrobenzene-d5	8.94	82	41037	0.32	ng	0.07
11) 2-Methylnaphthalene-d10	12.25	152	99	0.00	ng	0.14
14) 2,4,6-Tribromophenol	15.85	330	859	0.73	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5660	0.36	ng	-0.01
25) Fluoranthene-d10	19.12	212	103426	0.46	ng	-0.01
29) Terphenyl-d14	19.72	244	24035	0.35	ng	-0.01

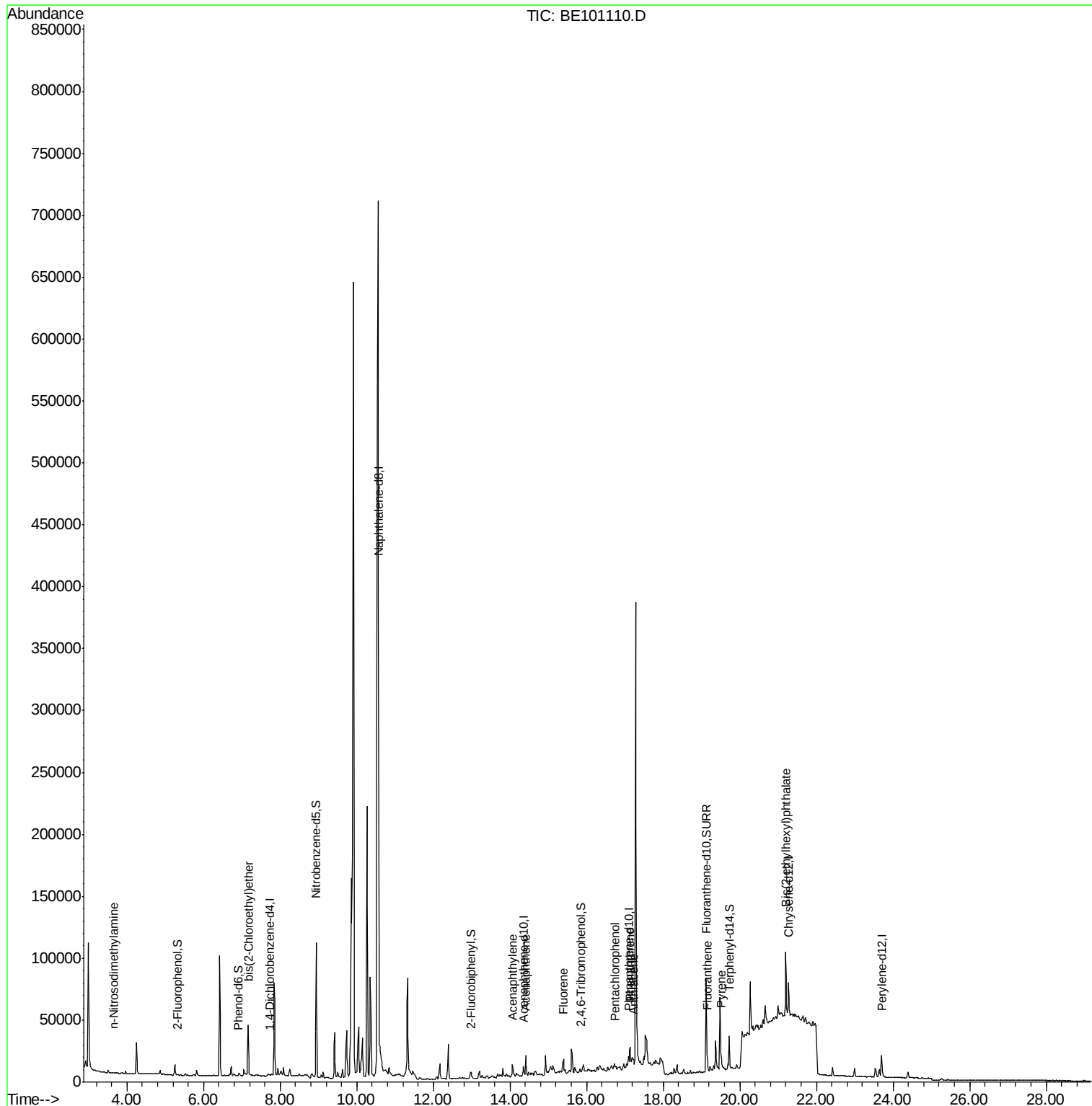
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	59	Below Cal	#	26
3) n-Nitrosodimethylamine	3.65	42	23	0.036	ng	1
6) bis(2-Chloroethyl)ether	7.17	93	61769	39.086	ng	1
16) Acenaphthylene	14.07	152	6949	0.410	ng	82
17) Acenaphthene	14.41	154	8892	0.733	ng	96
18) Fluorene	15.39	166	10283	0.670	ng	96
22) Pentachlorophenol	16.73	266	28	0.259	ng	66
23) Phenanthrene	17.13	178	20782	0.467	ng	95
24) Anthracene	17.21	178	7584	0.181	ng	74
26) Fluoranthene	19.15	202	10212	0.183	ng	96
28) Pyrene	19.51	202	10518	0.100	ng	82
32) Bis(2-ethylhexyl)phthalate	21.20	149	62874	0.468	ng	97

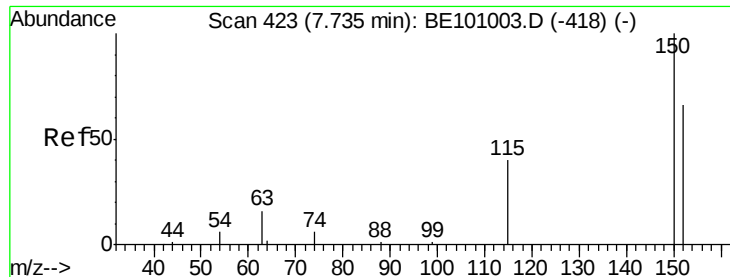
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101110.D

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Instrument :

BNA_E

ClientSampleId :

SB-MW-14

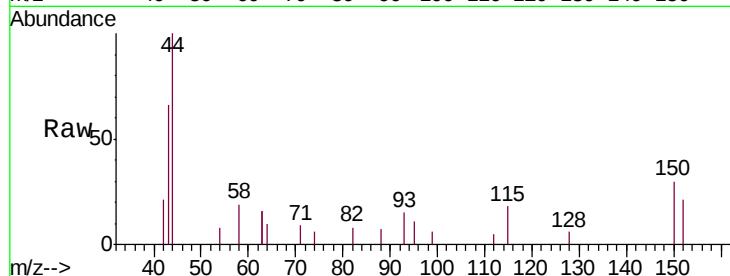
Tgt Ion:152 Resp: 466

Ion Ratio Lower Upper

152 100

150 142.4 120.3 180.5

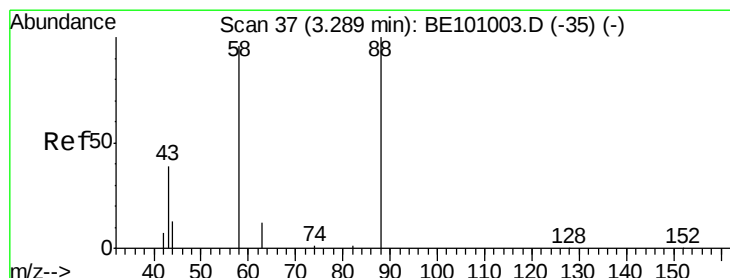
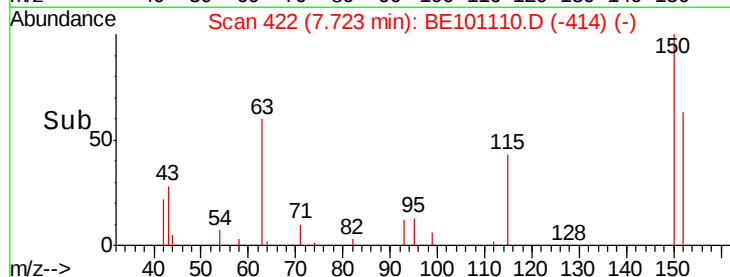
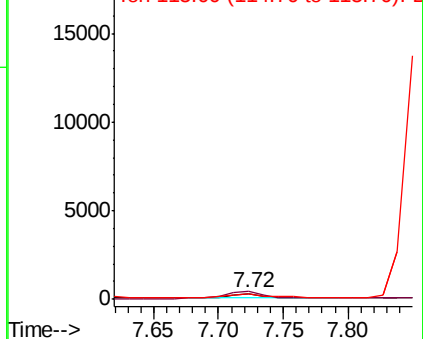
115 86.6 51.7 77.5#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

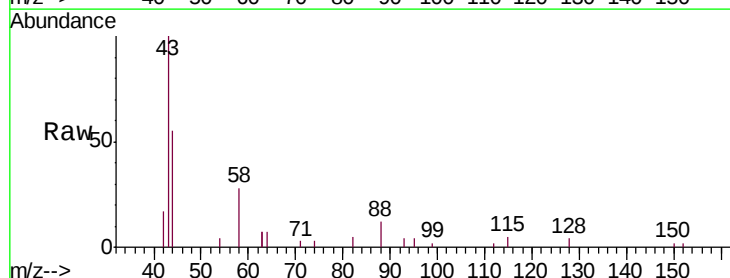
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

88 100

58 0.0 53.0 79.4#

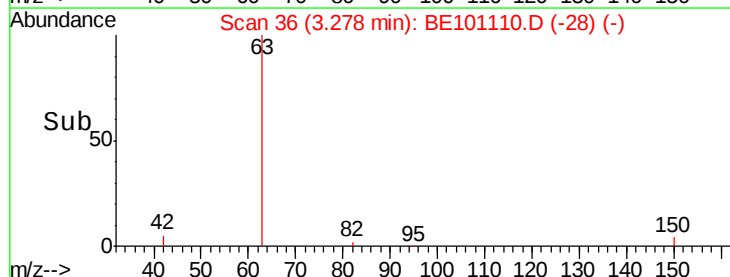
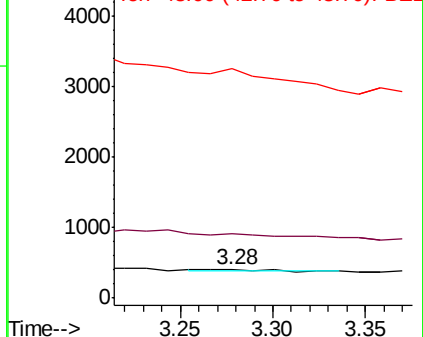
43 0.0 23.4 35.2#

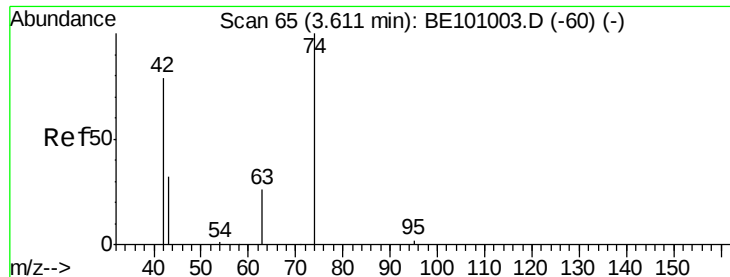


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

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ClientSampleId :

SB-MW-14

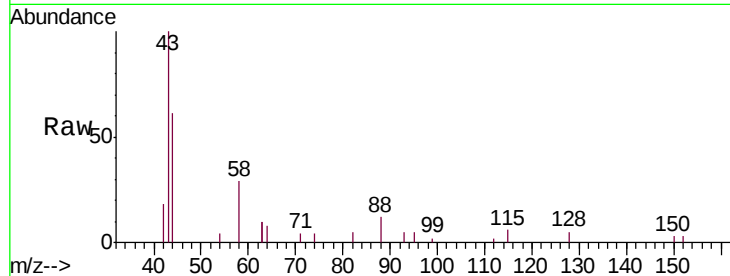
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

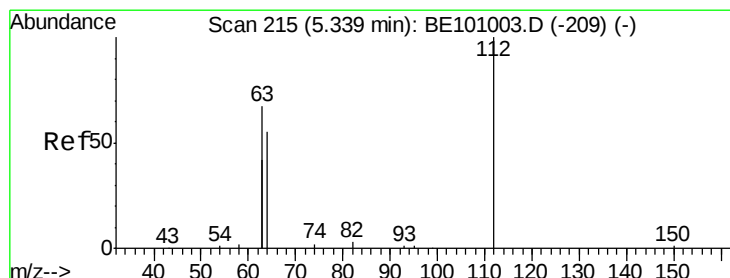
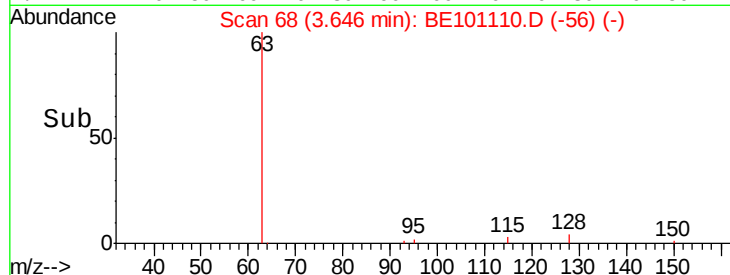
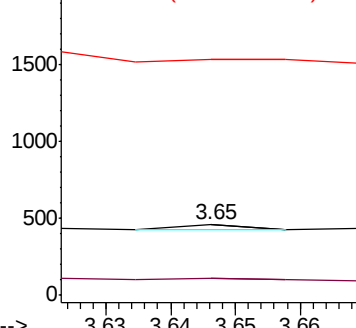
42 100

74 0.0 105.7 158.5#

44 0.0 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.593 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

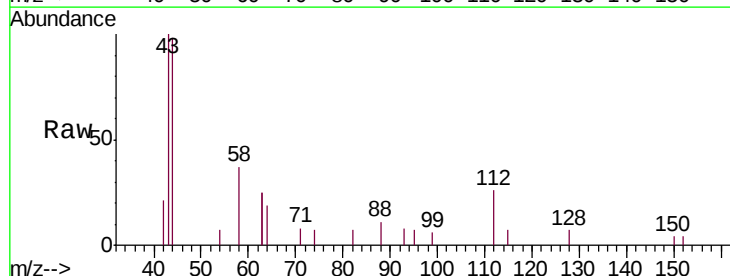
Tgt Ion: 112 Resp: 622

Ion Ratio Lower Upper

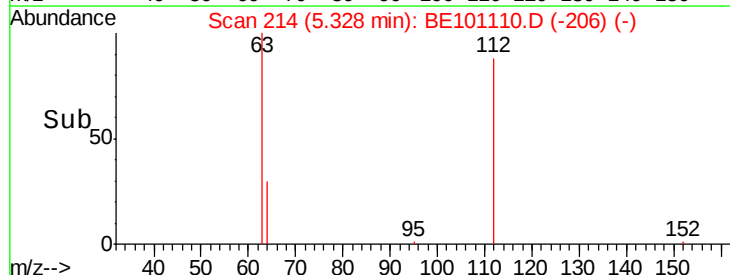
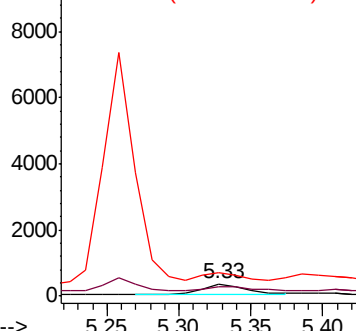
112 100

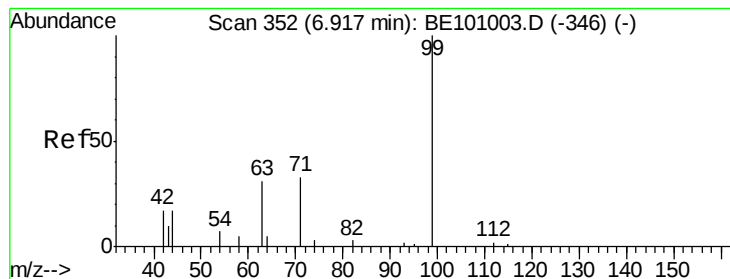
64 36.2 53.6 80.4#

63 57.7 114.6 172.0#



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: 0.368 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

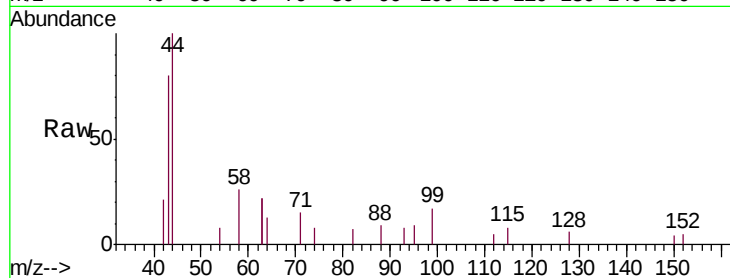
Tgt Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 48.1 18.3 27.5#

71 111.2 28.0 42.0#

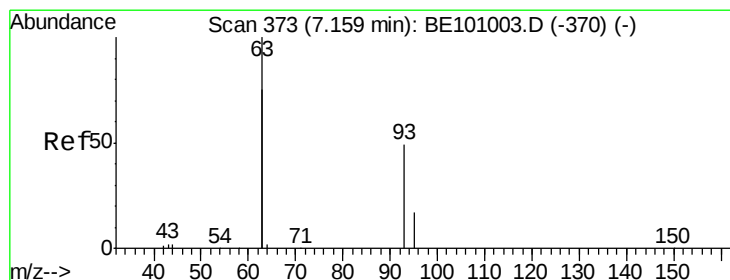
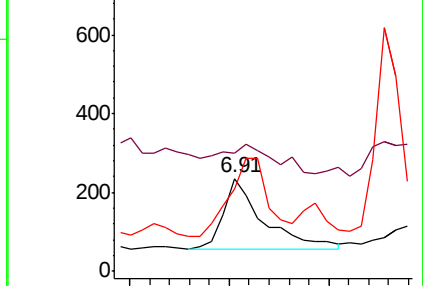
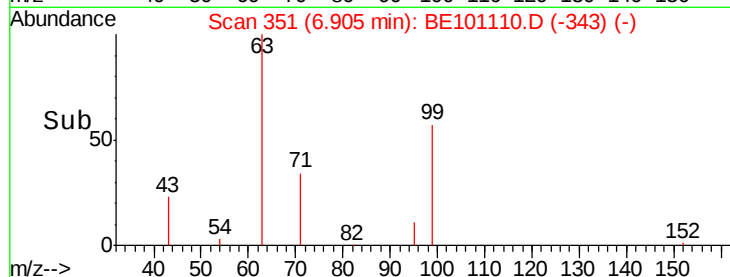


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 39.086 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

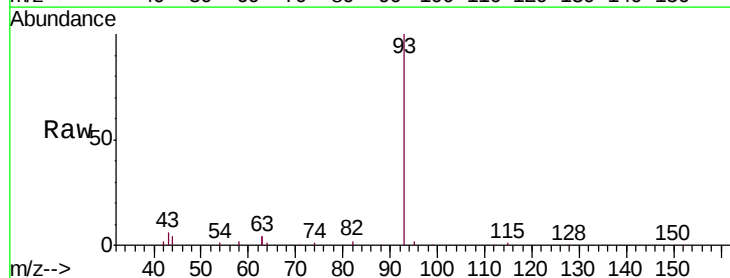
Tgt Ion: 93 Resp: 61769

Ion Ratio Lower Upper

93 100

63 8.7 233.9 350.9#

95 2.1 23.5 35.3#

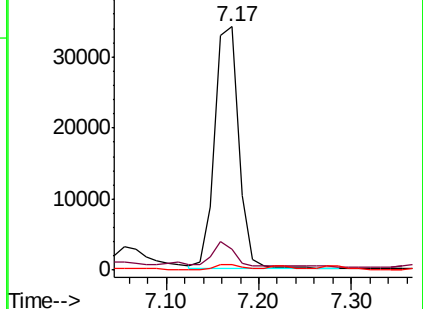
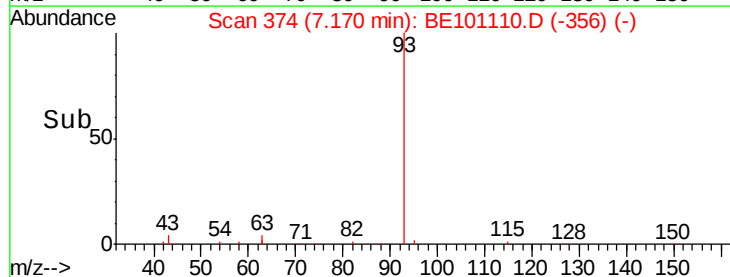


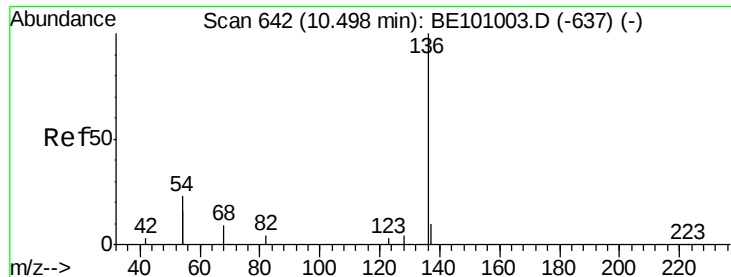
Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.56 min Scan# 647

Delta R.T. 0.07 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

Tgt Ion: 136 Resp: 177537

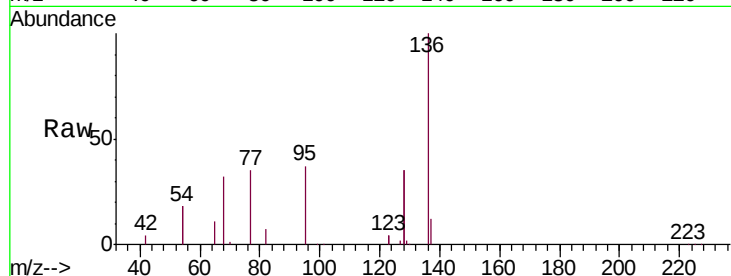
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 35.7 36.8 55.2#

68 32.0 8.4 12.6#

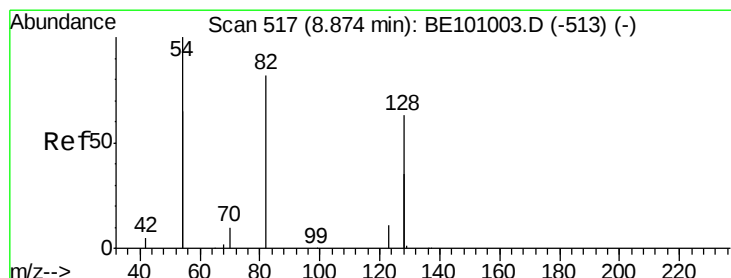
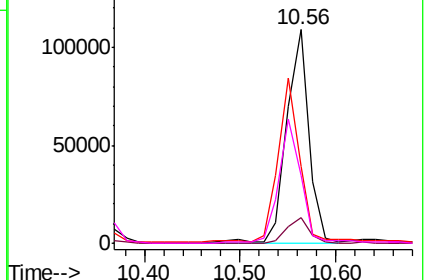
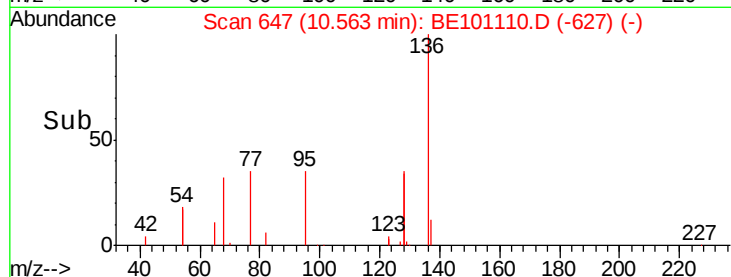


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 8.94 min Scan# 522

Delta R.T. 0.07 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

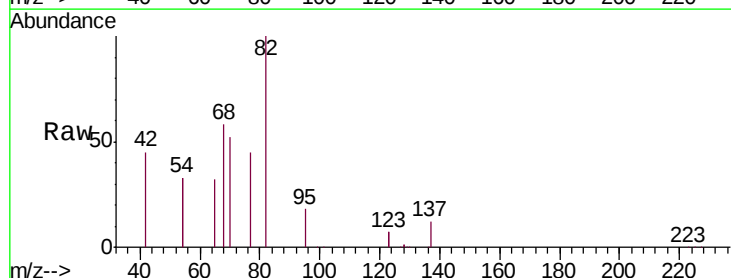
Tgt Ion: 82 Resp: 41037

Ion Ratio Lower Upper

82 100

128 1.8 109.8 164.6#

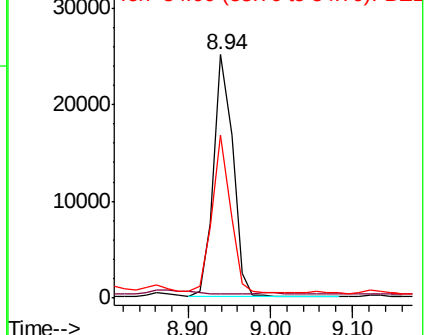
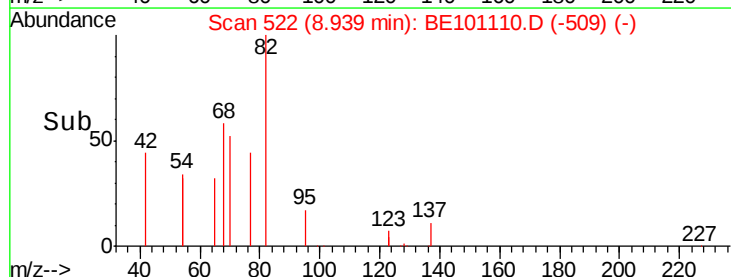
54 66.8 174.5 261.7#

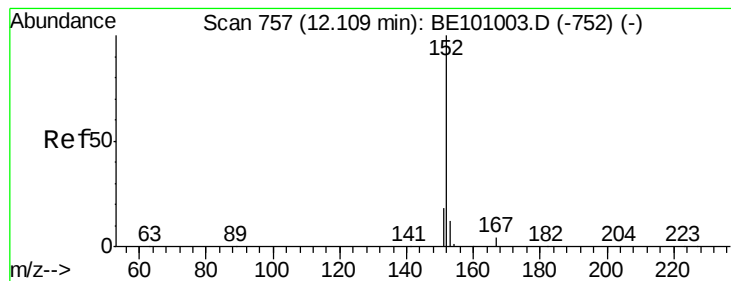


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.25 min Scan# 767

Delta R.T. 0.14 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

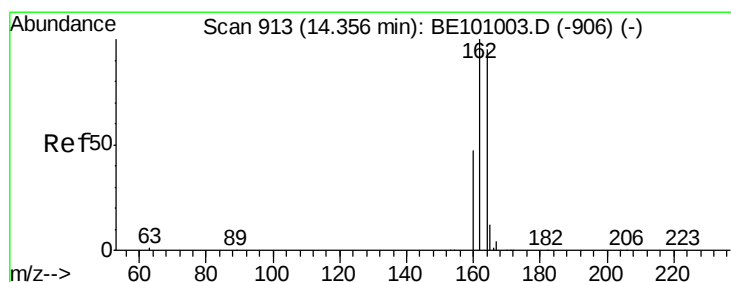
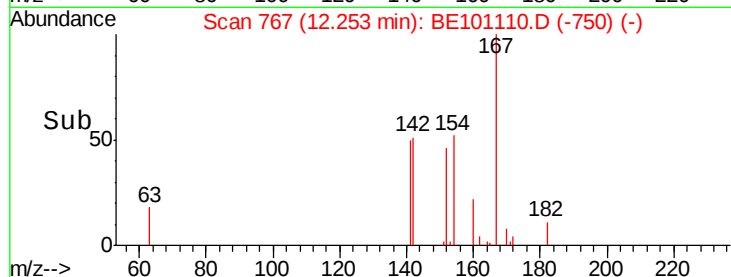
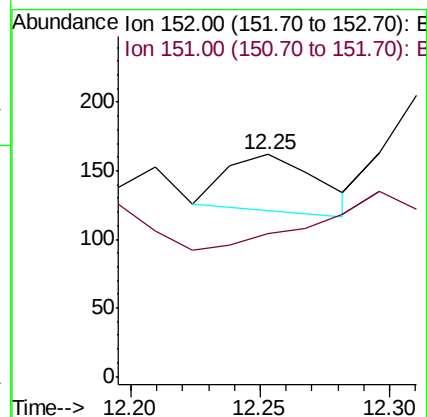
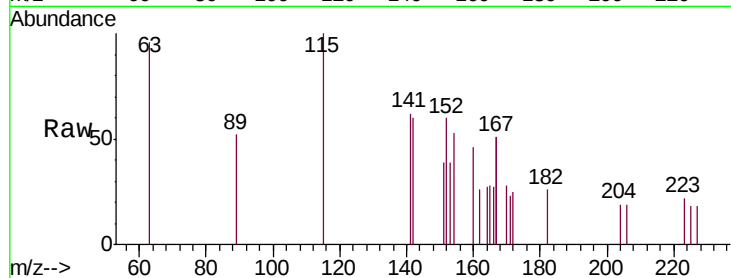
SB-MW-14

Tgt Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 0.0 15.0 22.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

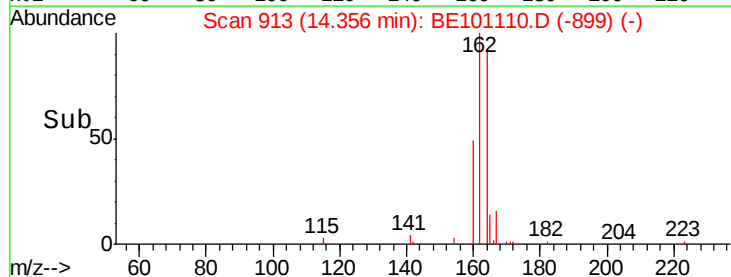
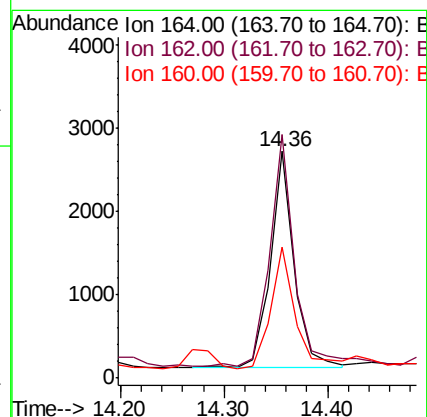
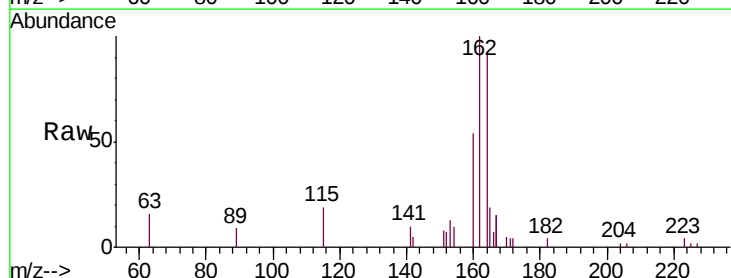
Tgt Ion:164 Resp: 4162

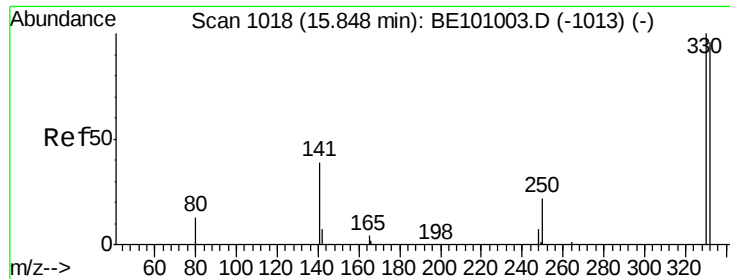
Ion Ratio Lower Upper

164 100

162 107.4 84.1 126.1

160 57.8 40.4 60.6

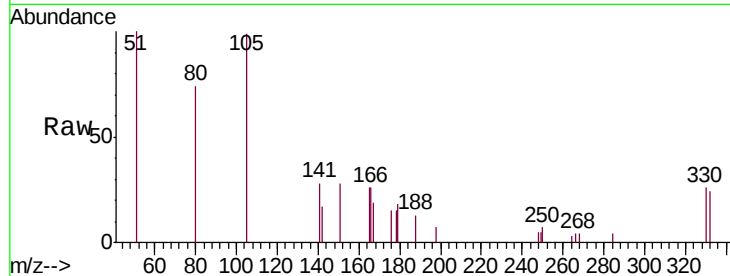




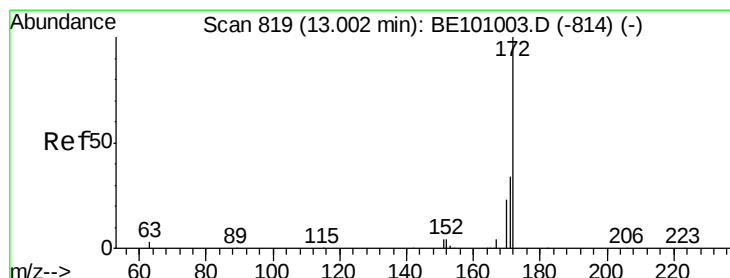
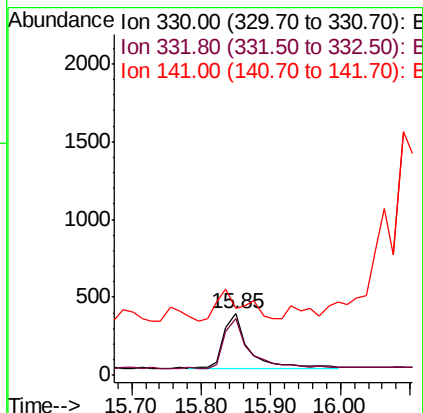
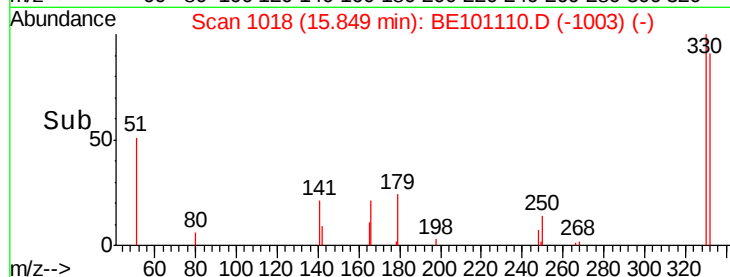
#14
 2,4,6-Tribromophenol
 Concen: 0.731 ng
 RT: 15.85 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

Tgt Ion:330 Resp: 859
 Ion Ratio Lower Upper
 330 100
 332 91.6 78.4 117.6
 141 66.2 37.0 55.4#

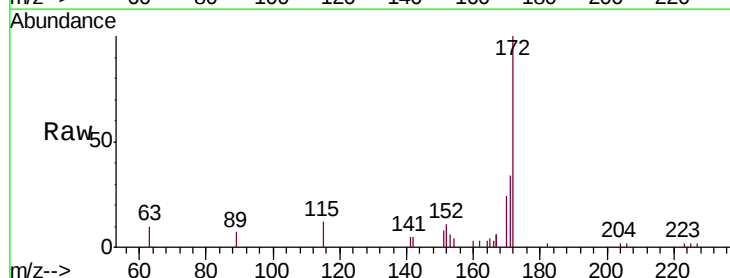


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

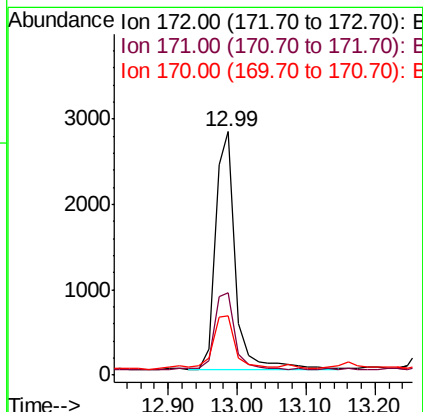
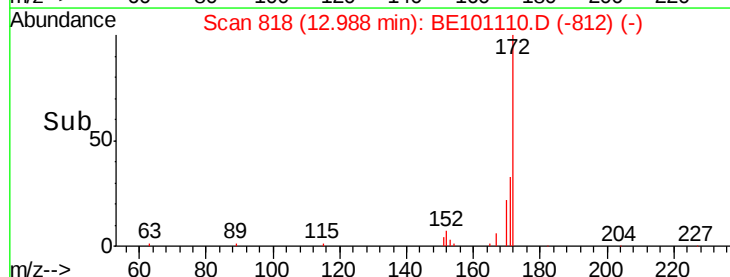


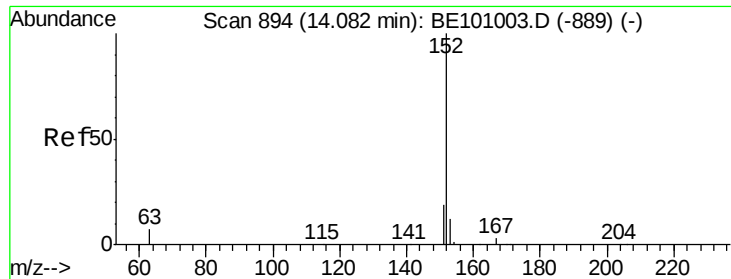
#15
 2-Fluorobiphenyl
 Concen: 0.358 ng
 RT: 12.99 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Tgt Ion:172 Resp: 5660
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.2
 170 24.3 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

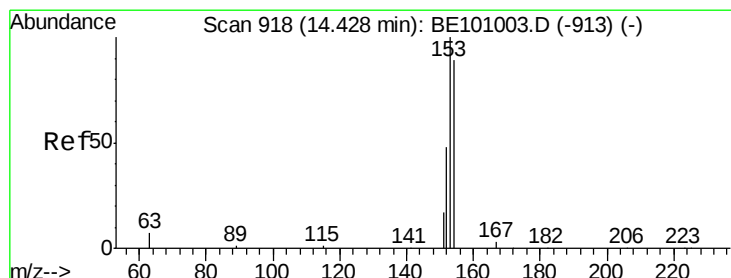
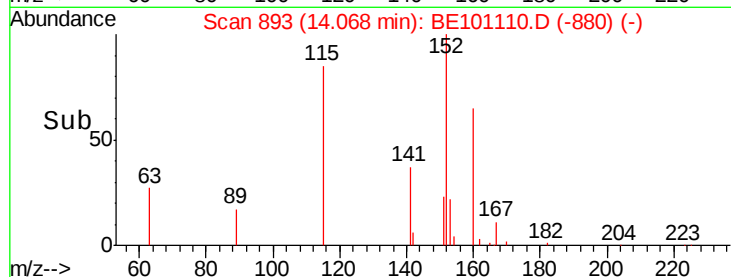
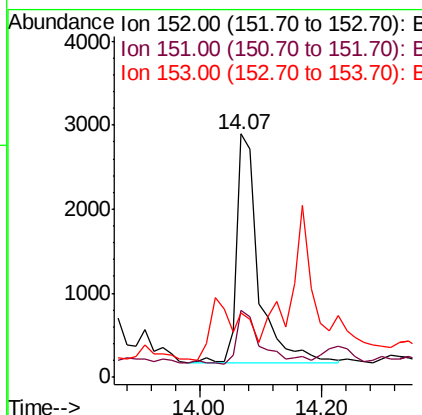
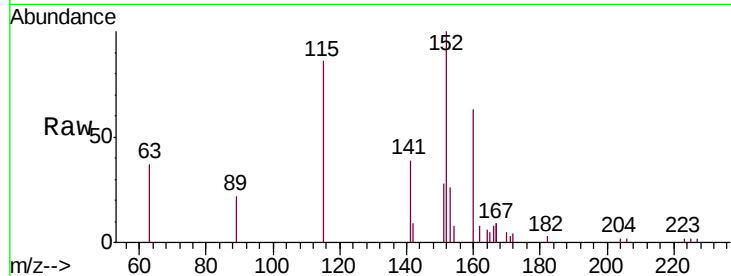




#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.07 min Scan# 893
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

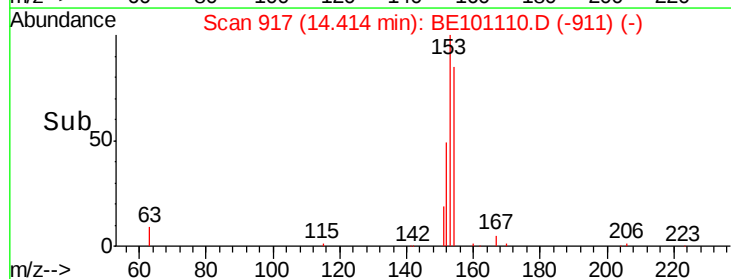
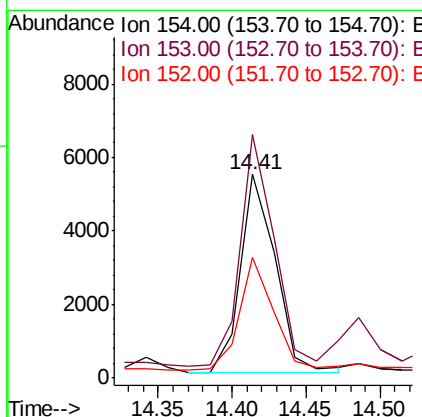
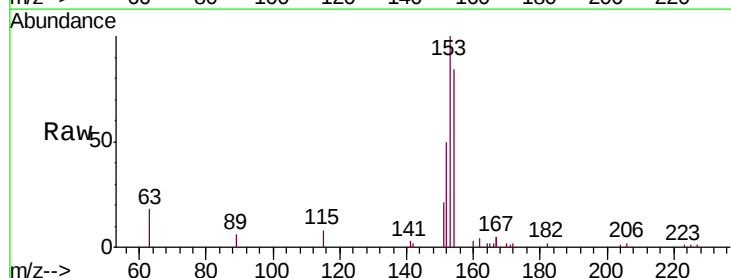
Instrument :
BNA_E
ClientSampleId :
SB-MW-14

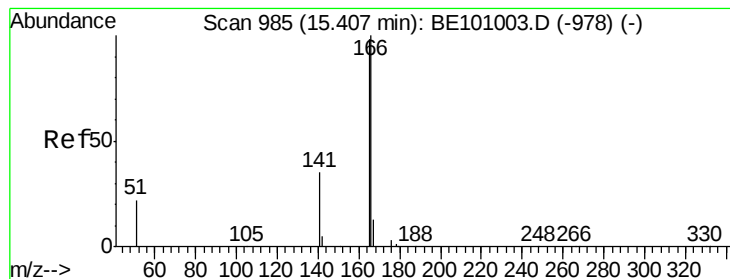
Tgt Ion:152 Resp: 6949
Ion Ratio Lower Upper
152 100
151 23.3 15.5 23.3#
153 0.0 10.4 15.6#



#17
Acenaphthene
Concen: 0.733 ng
RT: 14.41 min Scan# 917
Delta R.T. -0.01 min
Lab File: BE101110.D
Acq: 21 Jan 2020 15:21

Tgt Ion:154 Resp: 8892
Ion Ratio Lower Upper
154 100
153 111.9 93.6 140.4
152 56.9 46.3 69.5





#18

Fluorene

Concen: 0.670 ng

RT: 15.39 min Scan# 984

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

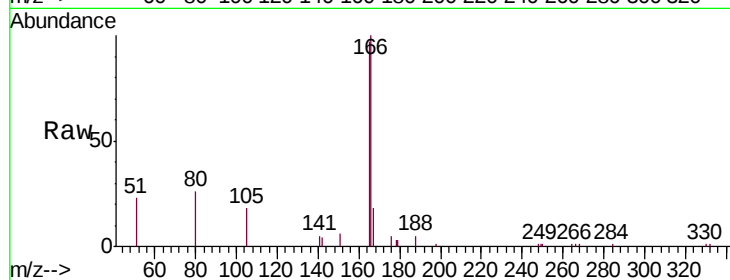
Tgt Ion:166 Resp: 10283

Ion Ratio Lower Upper

166 100

165 96.3 79.8 119.8

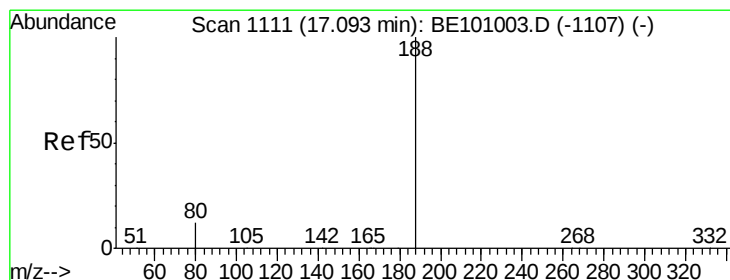
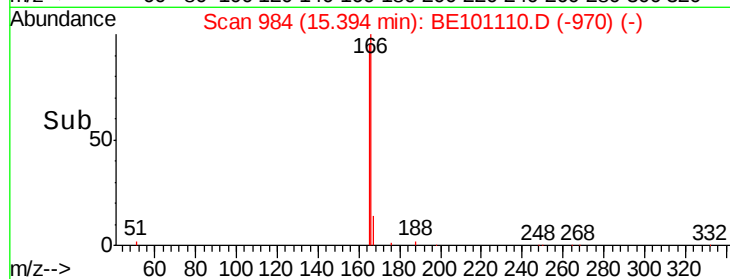
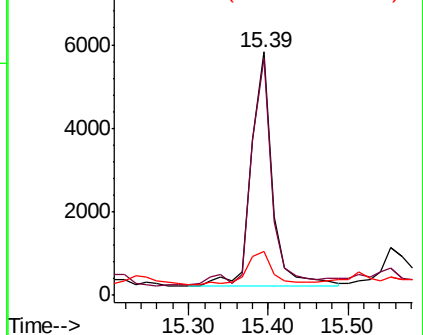
167 17.1 11.0 16.6#



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# 1111

Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

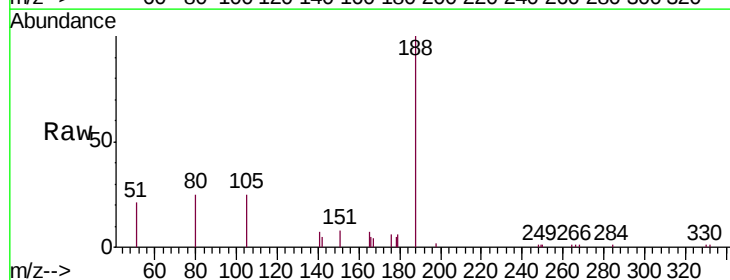
Tgt Ion:188 Resp: 16285

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

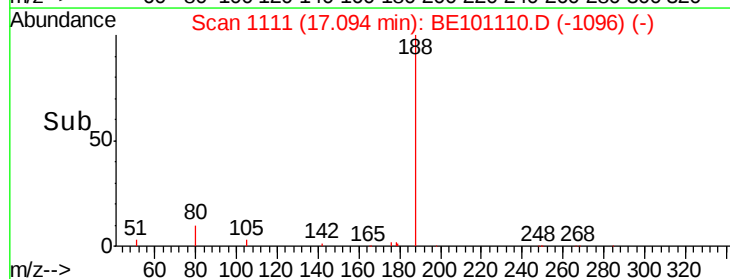
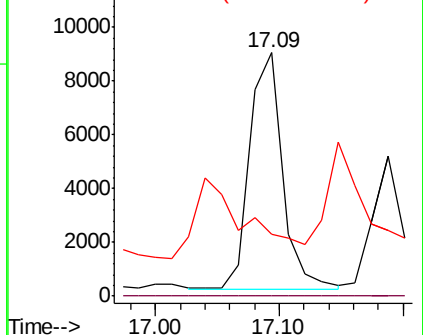
80 25.3 10.8 16.2#

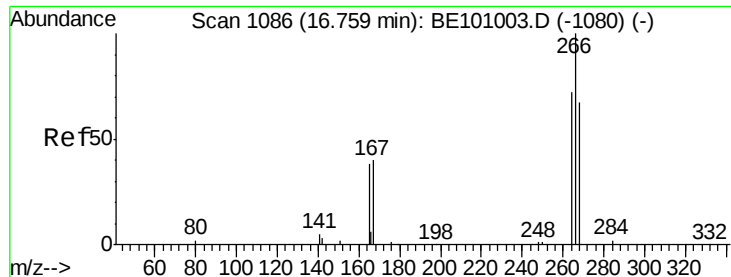


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.259 ng

RT: 16.73 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

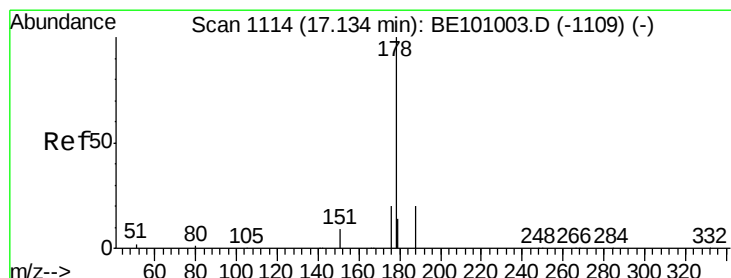
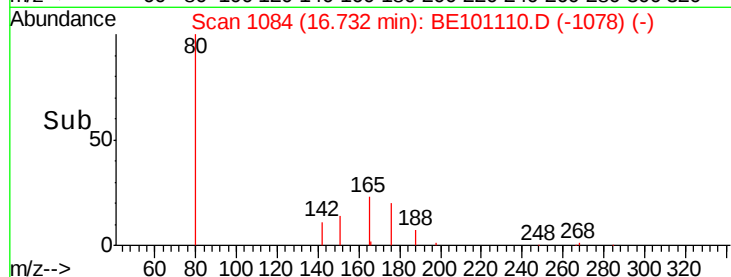
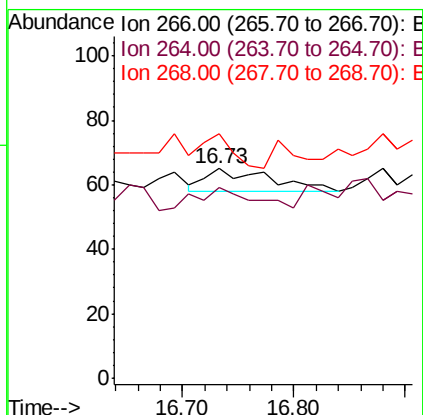
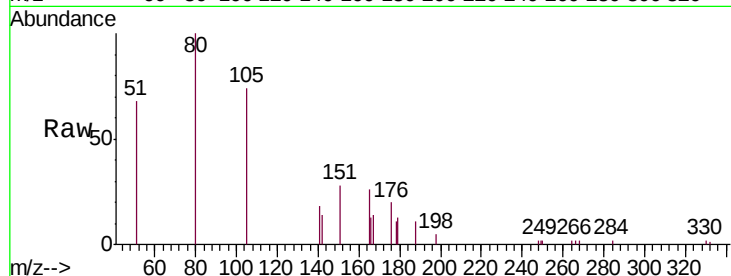
Instrument :

BNA_E

ClientSampleId :

SB-MW-14

Tgt Ion:	266	Resp:	28
Ion	Ratio	Lower	Upper
266	100		
264	90.8	61.0	91.4
268	116.9	58.5	87.7#



#23

Phenanthrene

Concen: 0.467 ng

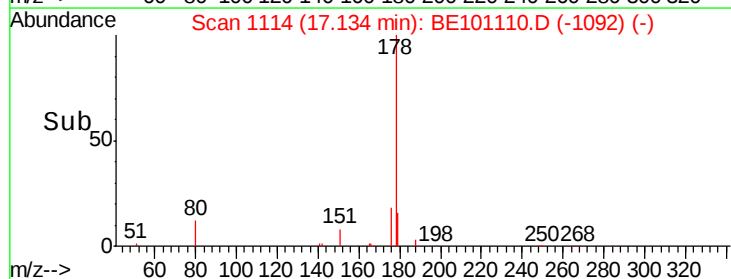
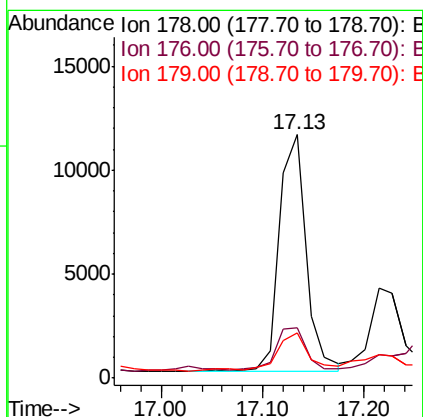
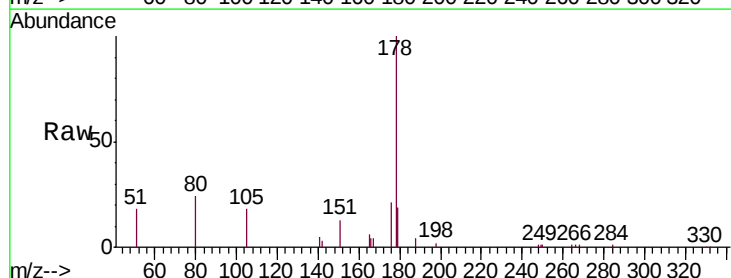
RT: 17.13 min Scan# 1114

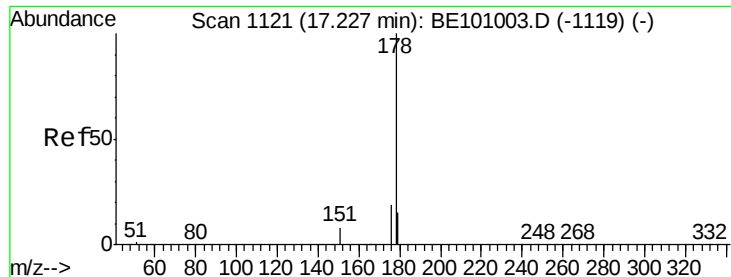
Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Tgt Ion:	178	Resp:	20782
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	19.3	12.0	18.0#





#24

Anthracene

Concen: 0.181 ng

RT: 17.21 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampled :

SB-MW-14

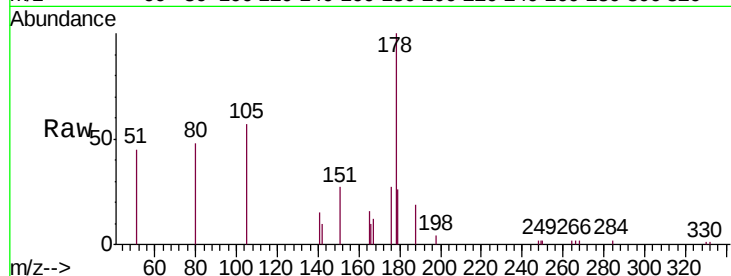
Tgt Ion:178 Resp: 7584

Ion Ratio Lower Upper

178 100

176 0.0 14.8 22.2#

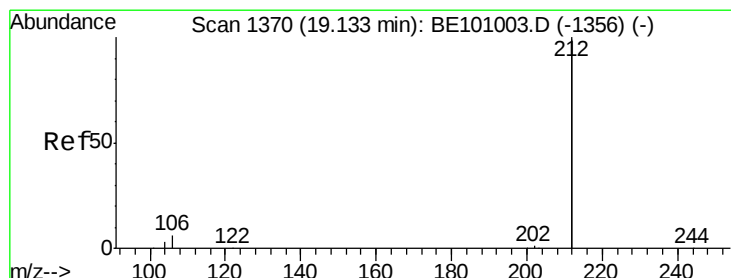
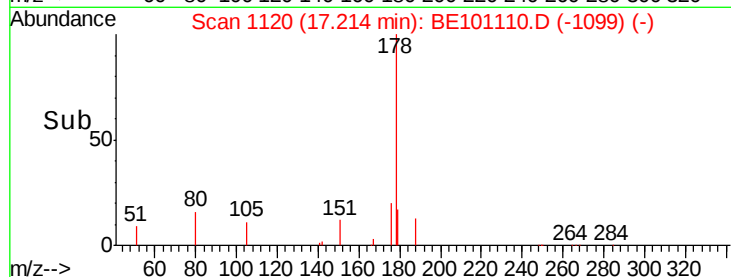
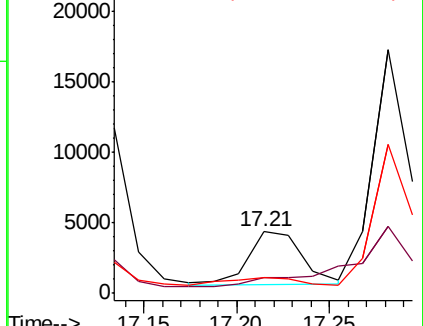
179 18.5 12.4 18.6



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: 0.457 ng

RT: 19.12 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

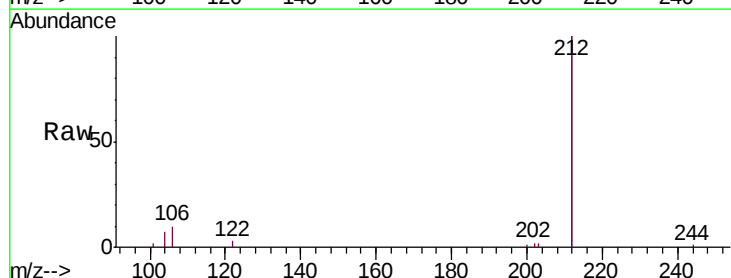
Tgt Ion:212 Resp: 103426

Ion Ratio Lower Upper

212 100

106 3.7 2.6 3.8

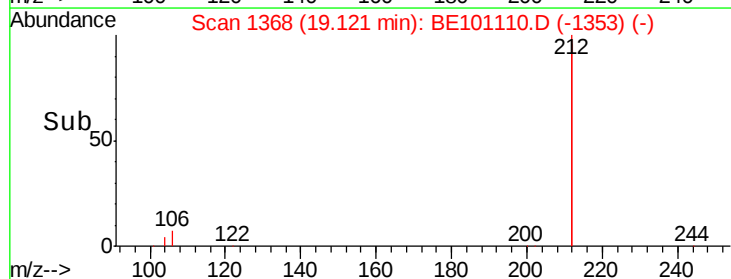
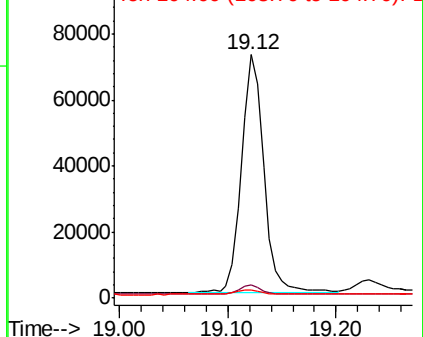
104 2.0 1.4 2.0

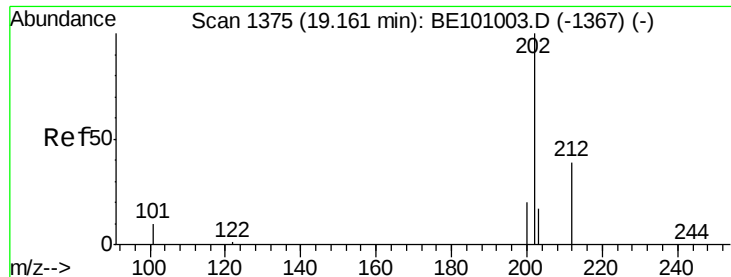


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

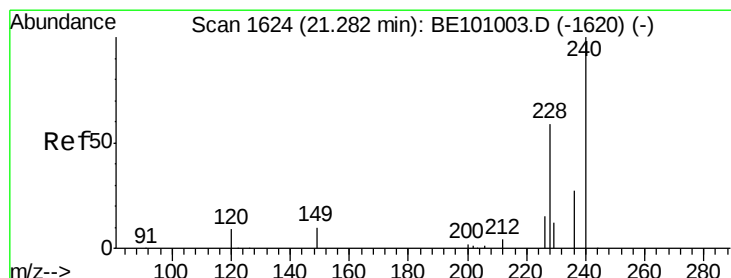
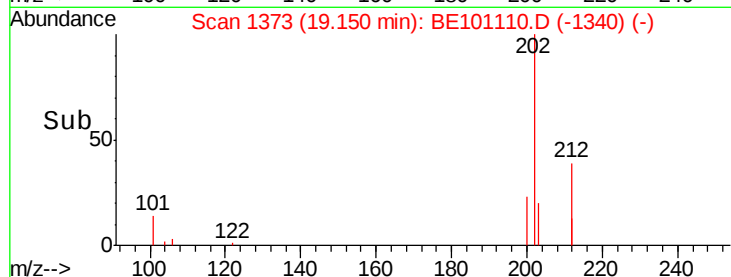
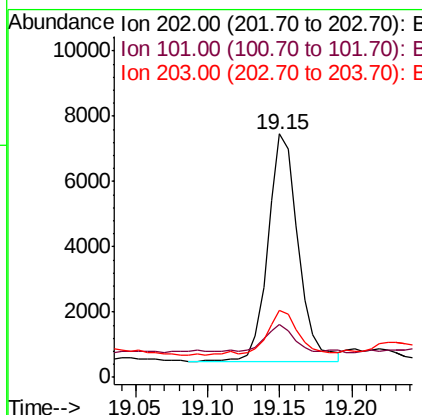
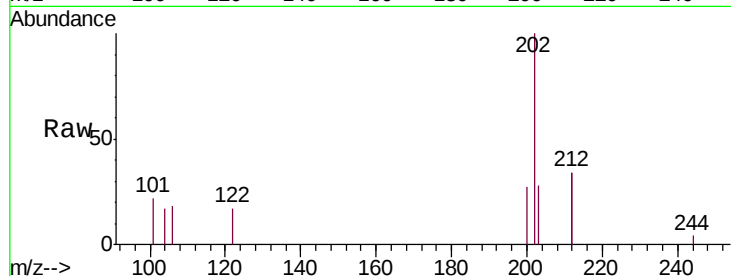




#26
 Fluoranthene
 Concen: 0.183 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

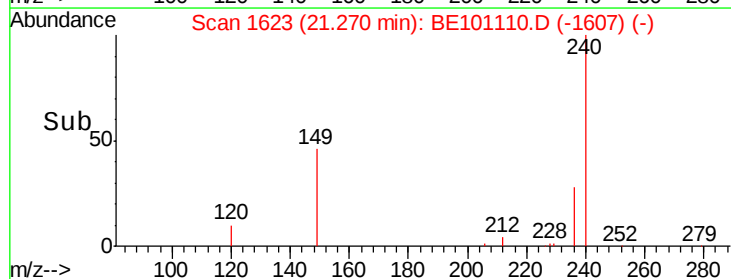
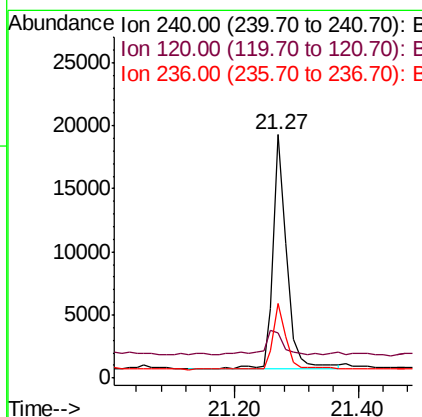
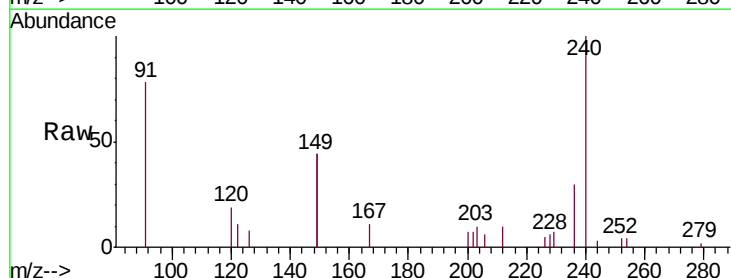
Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-14

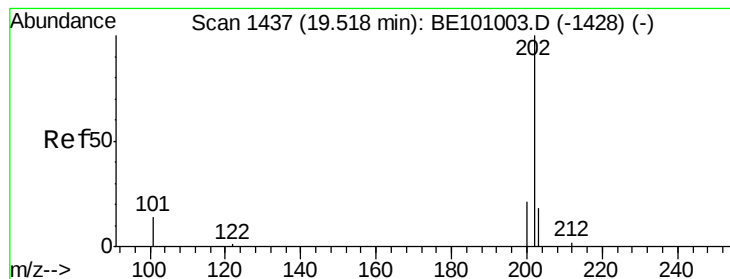
Tgt Ion: 202 Resp: 10212
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.6 14.4
 203 19.9 13.8 20.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE101110.D
 Acq: 21 Jan 2020 15:21

Tgt Ion: 240 Resp: 28255
 Ion Ratio Lower Upper
 240 100
 120 18.7 8.6 13.0#
 236 30.4 22.2 33.4





#28

Pyrene

Concen: 0.100 ng

RT: 19.51 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

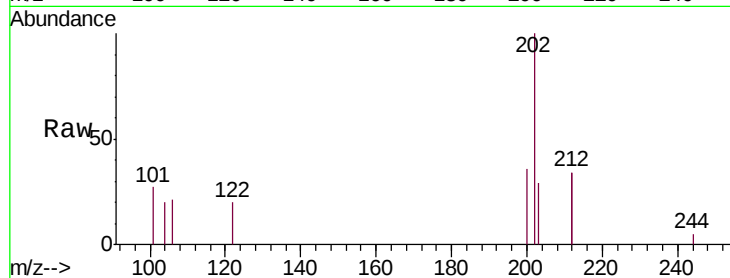
Tgt Ion:202 Resp: 10518

Ion Ratio Lower Upper

202 100

200 29.2 17.0 25.4#

203 25.4 13.8 20.6#

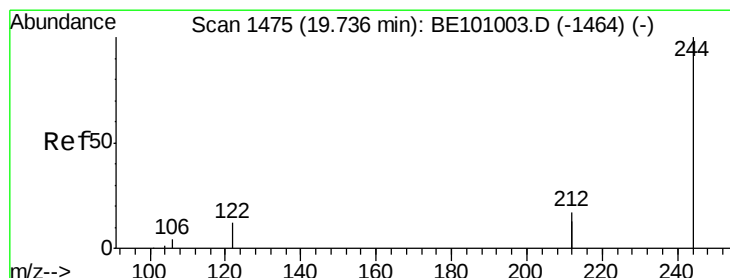
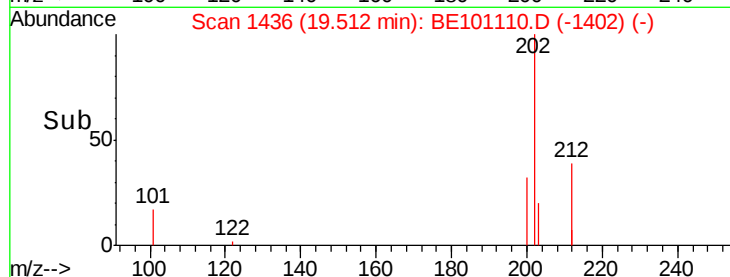
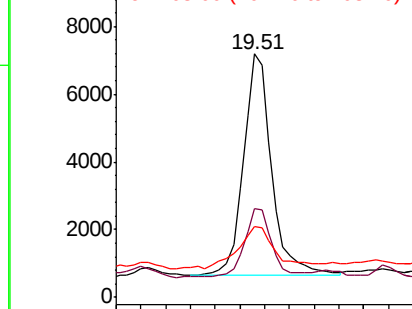


Abundance

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: 0.346 ng

RT: 19.72 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

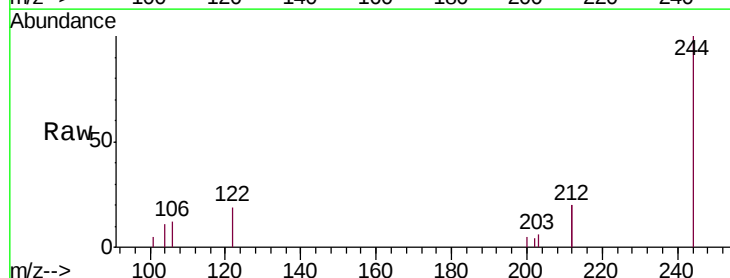
Tgt Ion:244 Resp: 24035

Ion Ratio Lower Upper

244 100

212 40.4 27.2 40.8

122 19.5 9.8 14.8#

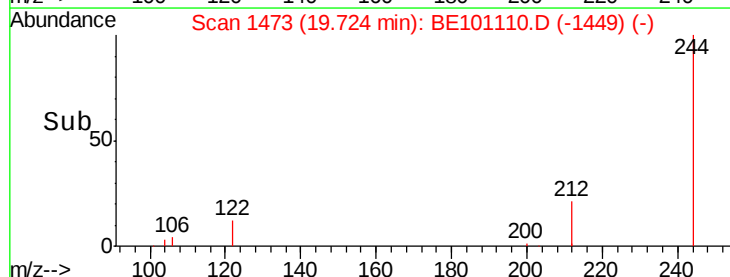
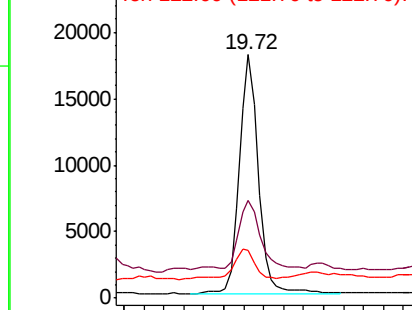


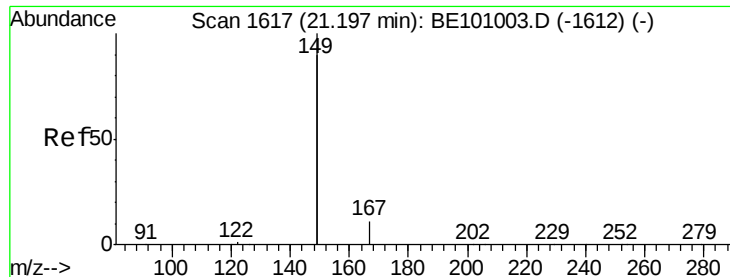
Abundance

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.468 ng

RT: 21.20 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

Instrument :

BNA_E

ClientSampleId :

SB-MW-14

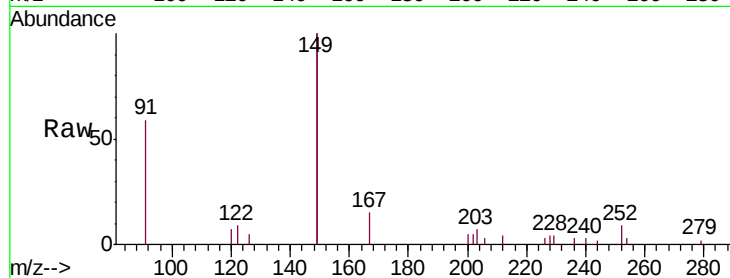
Tgt Ion:149 Resp: 62874

Ion Ratio Lower Upper

149 100

167 5.4 5.2 7.8

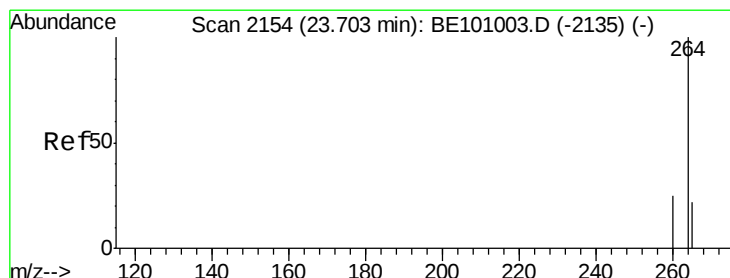
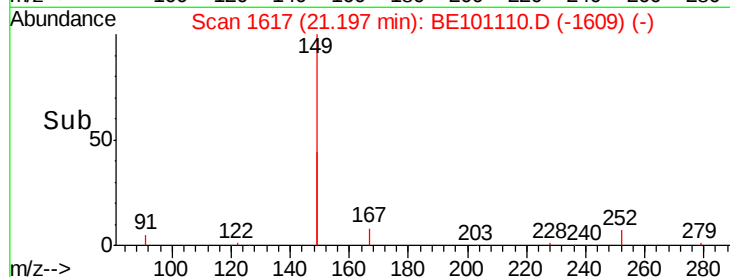
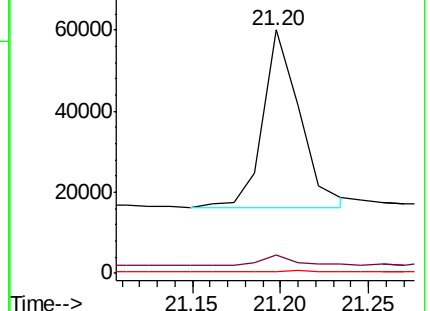
279 0.7 0.8 1.2#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BE101110.D

Acq: 21 Jan 2020 15:21

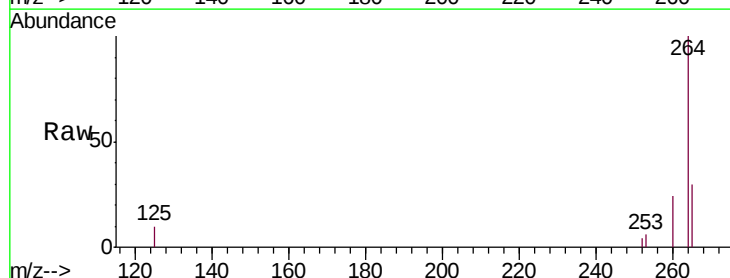
Tgt Ion:264 Resp: 26941

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

265 29.9 27.0 40.4



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

