

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
 Data File : BE100090.D
 Acq On : 19 Jun 2019 19:53
 Operator : JU/SJ
 Sample : K3309-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MS

Quant Time: Jun 20 03:50:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2848	0.40	ng	-0.01
13) Acenaphthene-d10	14.41	164	2290	0.40	ng	0.00
19) Phenanthrene-d10	17.15	188	6992	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10675	0.40	ng	0.00
34) Perylene-d12	23.84	264	12134	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	314	0.19	ng	0.00
5) Phenol-d6	6.90	99	267	0.11	ng	-0.03
8) Nitrobenzene-d5	8.89	82	1112	0.40	ng	-0.03
11) 2-Methylnaphthalene-d10	12.14	152	2623	0.48	ng	-0.02
14) 2,4,6-Tribromophenol	15.90	330	660	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3589	0.40	ng	-0.02
25) Fluoranthene-d10	19.19	212	32898	0.33	ng	0.00
29) Terphenyl-d14	19.79	244	9676	0.45	ng	-0.01

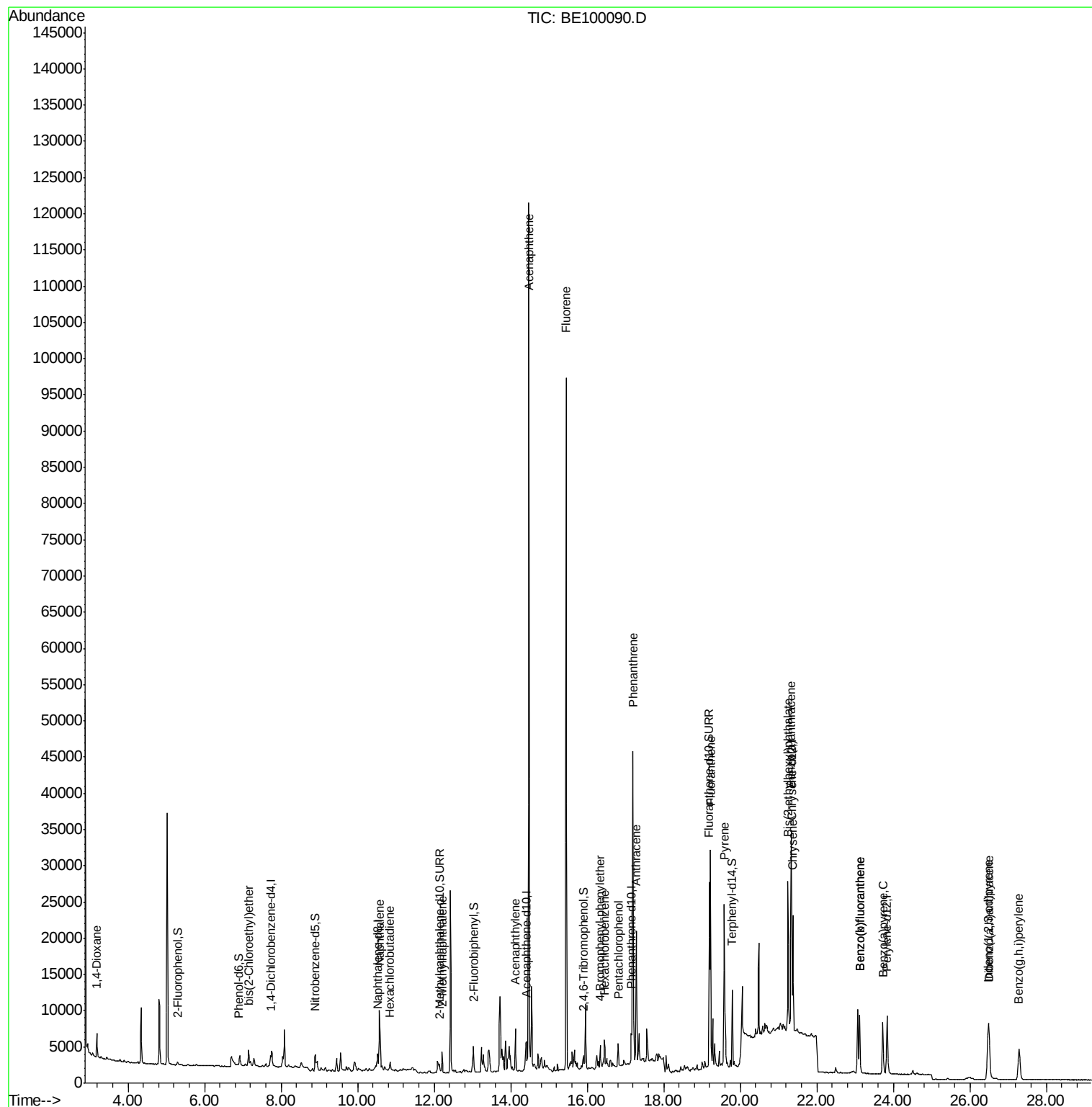
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	2177	1.661	ng	92
6) bis(2-Chloroethyl)ether	7.15	93	1106	0.494	ng	93
9) Naphthalene	10.57	128	13913	0.450	ng	99
10) Hexachlorobutadiene	10.85	225	896	0.295	ng	95
12) 2-Methylnaphthalene	12.21	142	1974	0.388	ng	99
16) Acenaphthylene	14.12	152	4112	0.378	ng	# 93
17) Acenaphthene	14.47	154	56204	9.247	ng	94
18) Fluorene	15.45	166	61812	6.828	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1570	0.378	ng	92
21) Hexachlorobenzene	16.45	284	1502	0.327	ng	99
22) Pentachlorophenol	16.81	266	1776	1.434	ng	# 77
23) Phenanthrene	17.20	178	53395	3.187	ng	99
24) Anthracene	17.28	178	20035	1.418	ng	# 94
26) Fluoranthene	19.23	202	29145	1.084	ng	99
28) Pyrene	19.59	202	21881	0.797	ng	95
30) Benzo(a)anthracene	21.33	228	14227	0.448	ng	96
31) Chrysene	21.38	228	12991	0.352	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	26143	0.872	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	13386	0.322	ng	# 97
35) Benzo(b)fluoranthene	23.12	252	11951	0.336	ng	97
36) Benzo(k)fluoranthene	23.12	252	11951	0.295	ng	97
37) Benzo(a)pyrene	23.73	252	11482	0.334	ng	# 95
38) Dibenzo(a,h)anthracene	26.51	278	11001	0.312	ng	99
39) Benzo(g,h,i)perylene	27.29	276	11384	0.311	ng	98

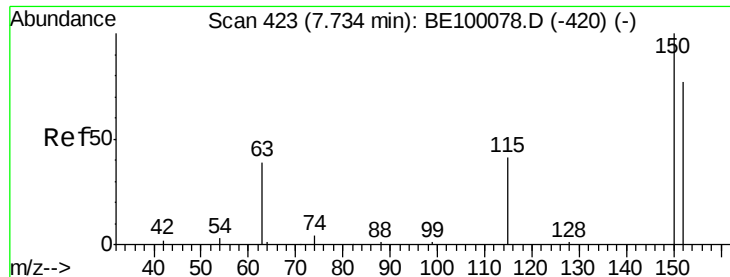
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

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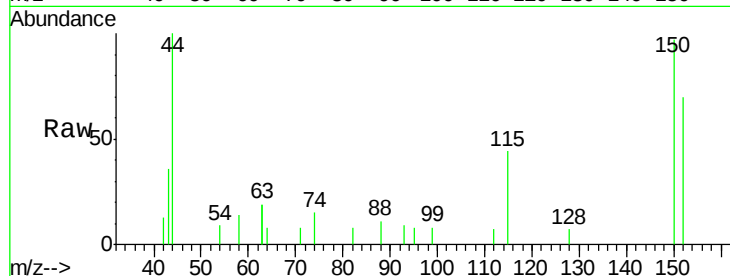
Tgt Ion:152 Resp: 817

Ion Ratio Lower Upper

152 100

150 139.4 99.8 149.8

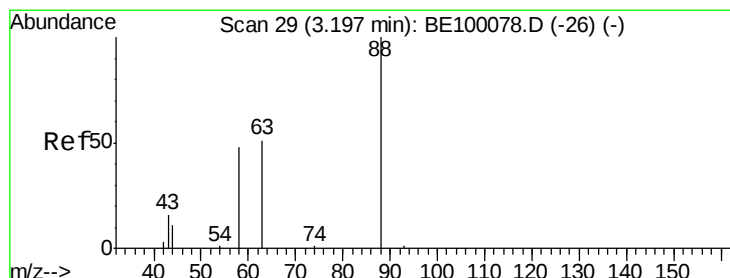
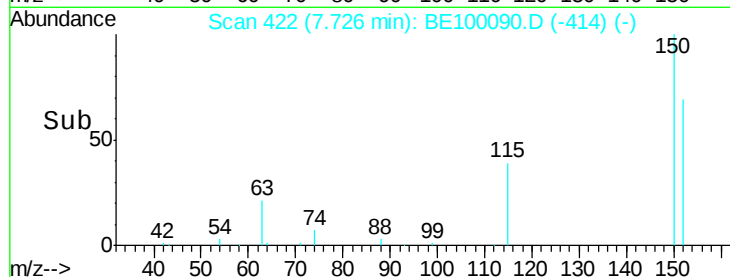
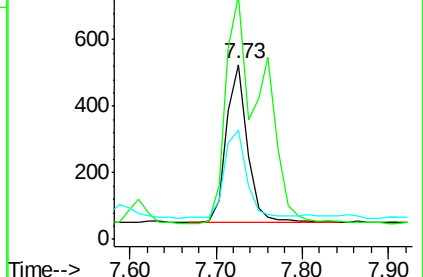
115 62.9 51.3 76.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.661 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

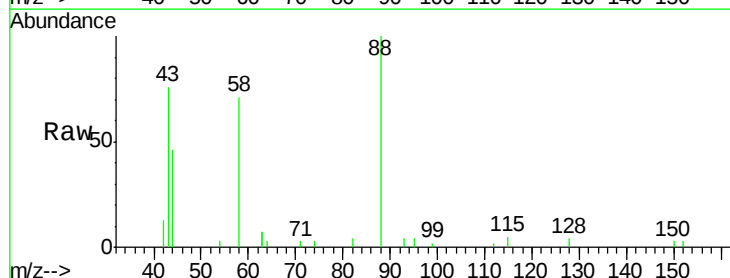
Tgt Ion: 88 Resp: 2177

Ion Ratio Lower Upper

88 100

58 56.9 51.1 76.7

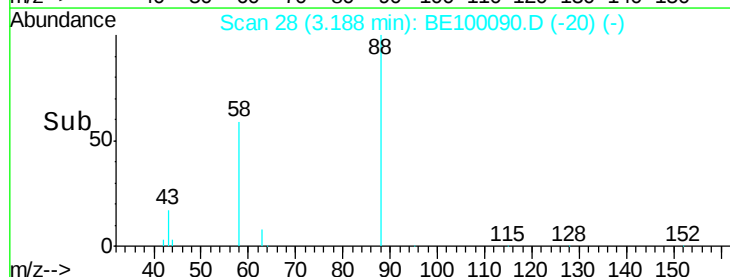
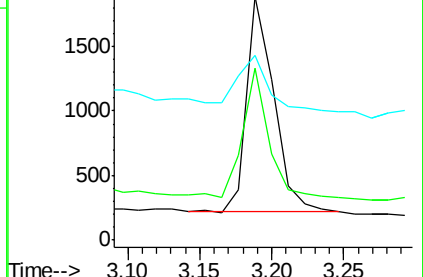
43 30.7 21.7 32.5

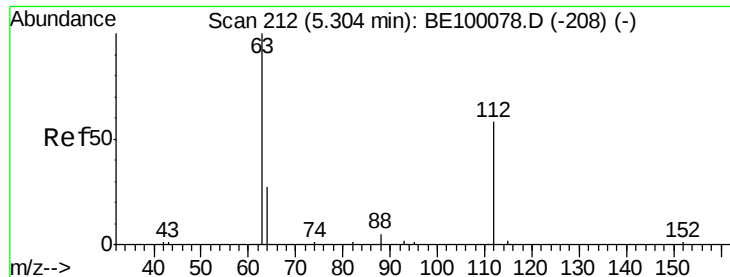


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.185 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

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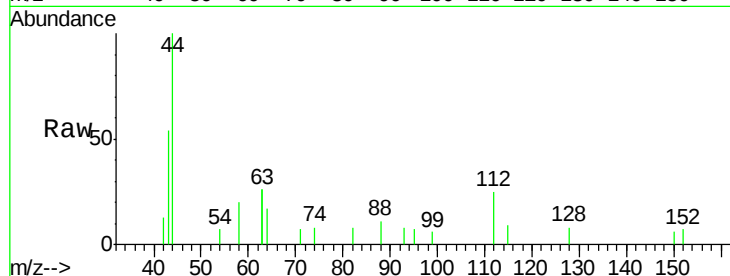
Tgt Ion: 112 Resp: 314

Ion Ratio Lower Upper

112 100

64 54.5 22.0 33.0#

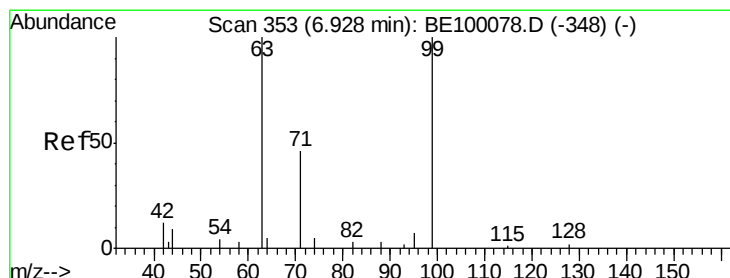
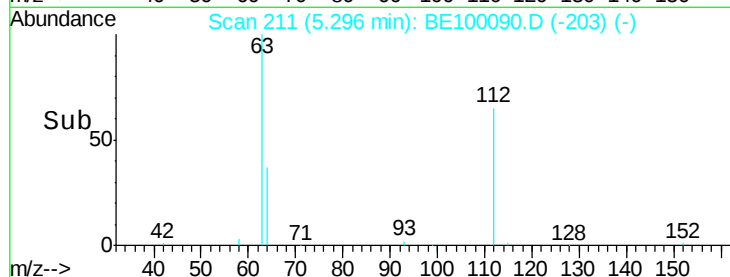
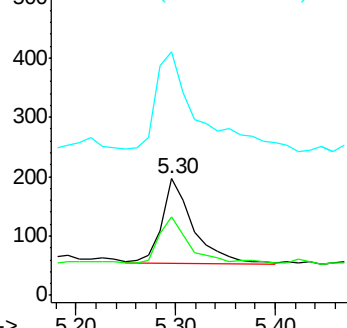
63 153.2 121.8 182.6



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: 0.115 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

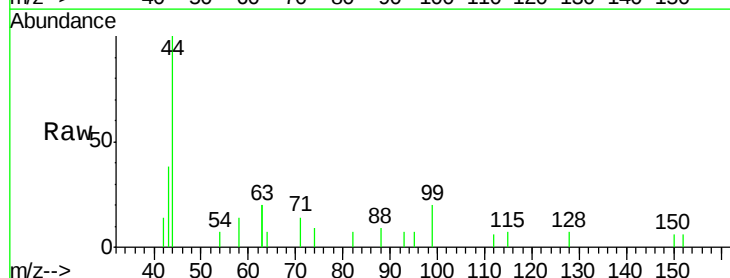
Tgt Ion: 99 Resp: 267

Ion Ratio Lower Upper

99 100

42 44.9 0.0 0.0#

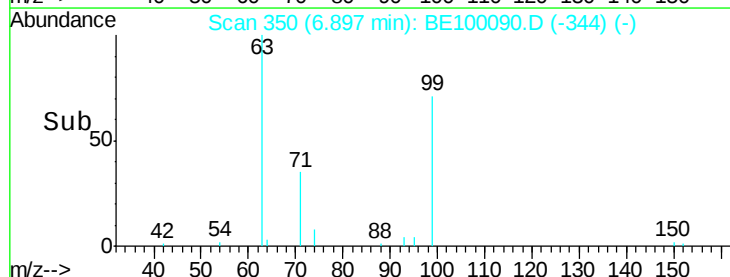
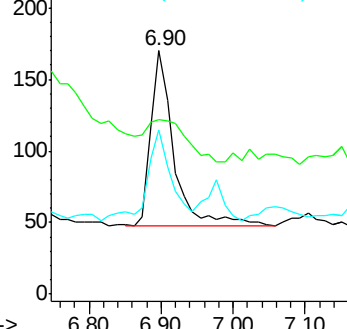
71 40.8 37.6 56.4

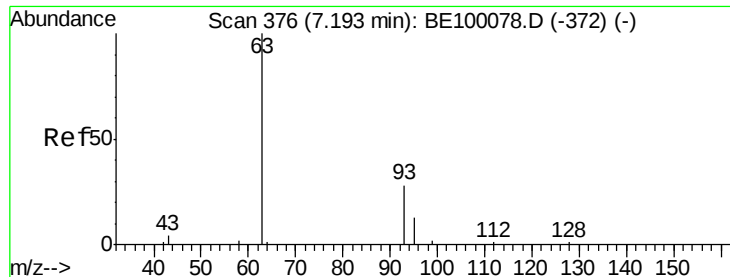


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.494 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.04 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

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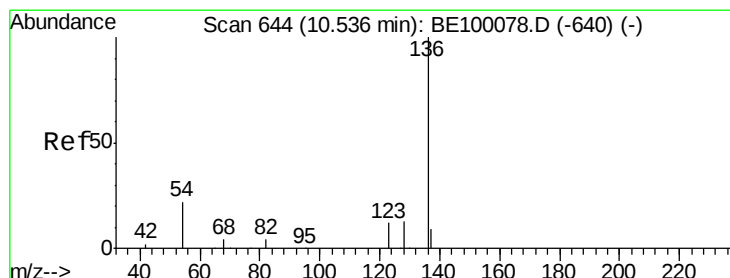
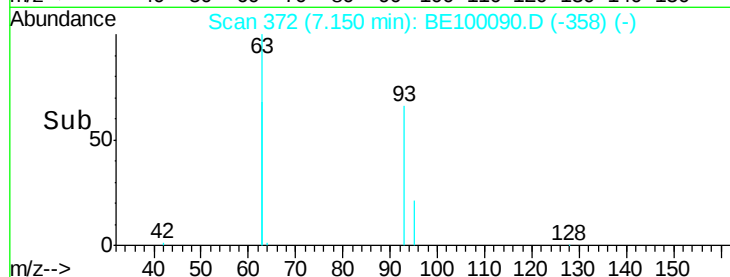
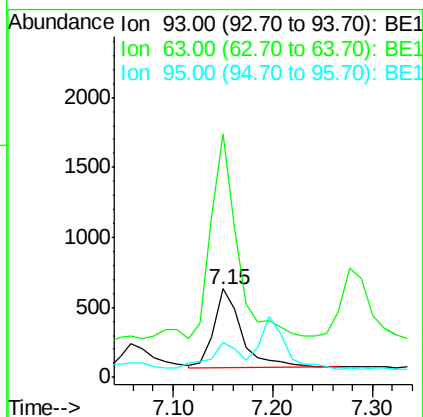
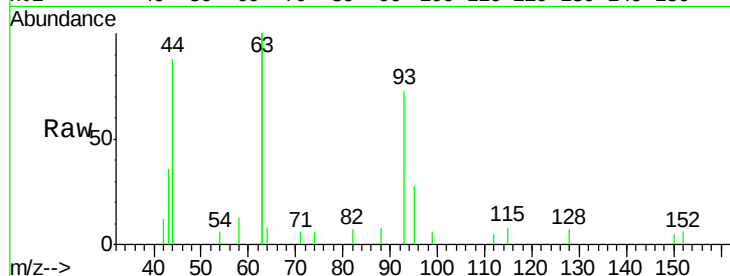
Tgt Ion: 93 Resp: 1106

Ion Ratio Lower Upper

93 100

63 263.4 200.0 300.0

95 33.3 24.0 36.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Tgt Ion: 136 Resp: 2848

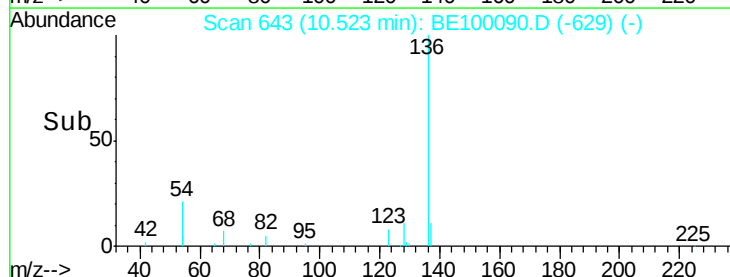
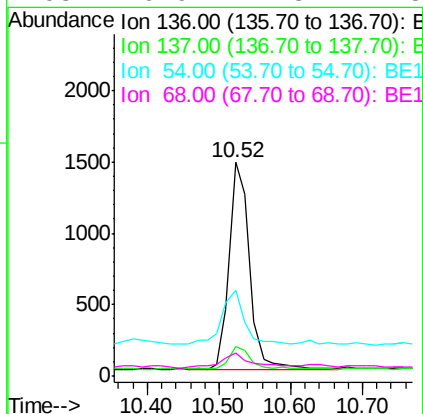
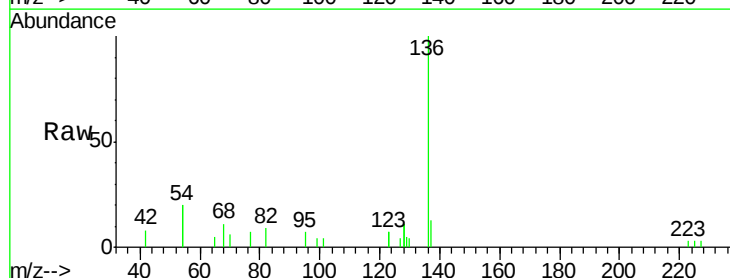
Ion Ratio Lower Upper

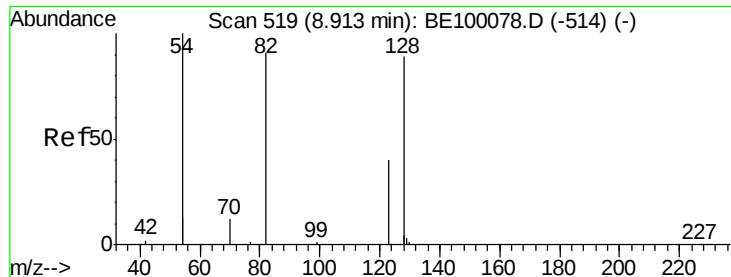
136 100

137 13.5 11.6 17.4

54 40.2 33.9 50.9

68 10.9 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.403 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

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ClientSampleId :

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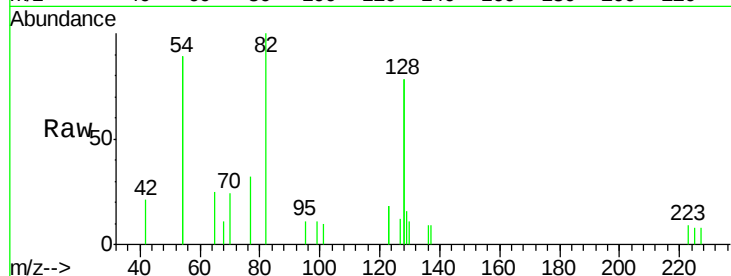
Tgt Ion: 82 Resp: 1112

Ion Ratio Lower Upper

82 100

128 155.6 128.0 192.0

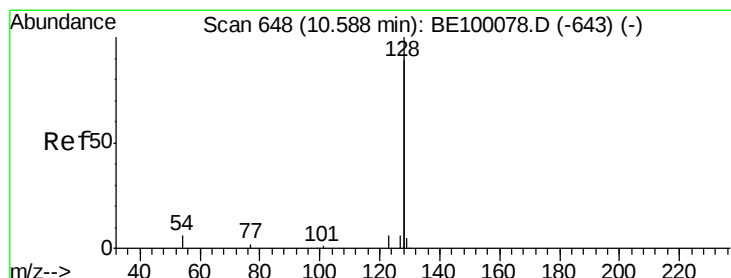
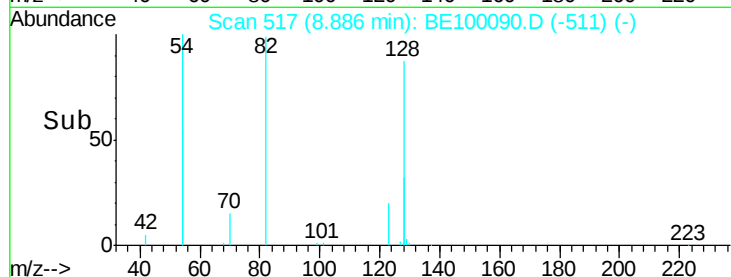
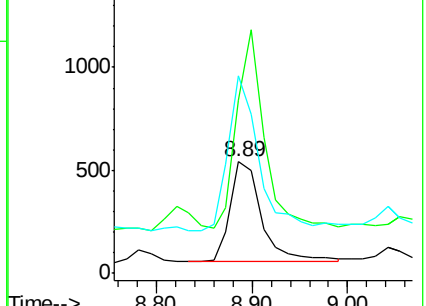
54 178.1 143.4 215.0



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



#9

Naphthalene

Concen: 0.450 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

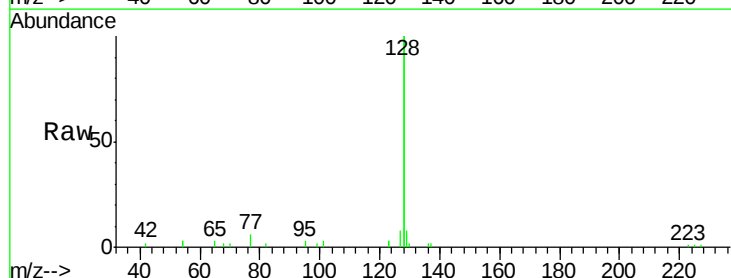
Tgt Ion: 128 Resp: 13913

Ion Ratio Lower Upper

128 100

129 4.1 3.1 4.7

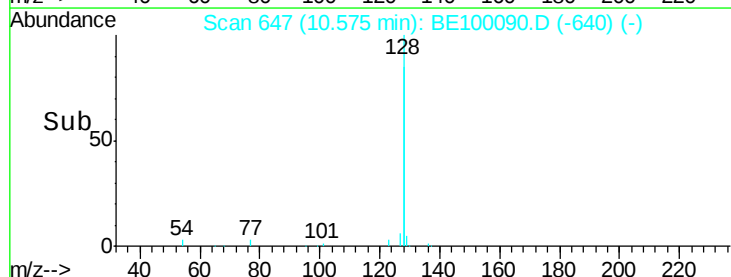
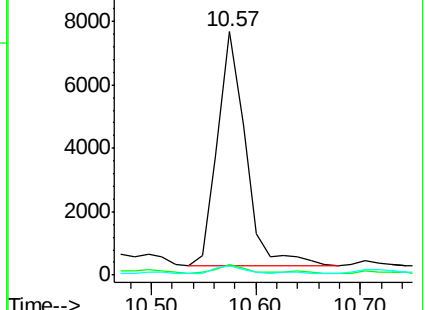
127 4.1 3.4 5.2

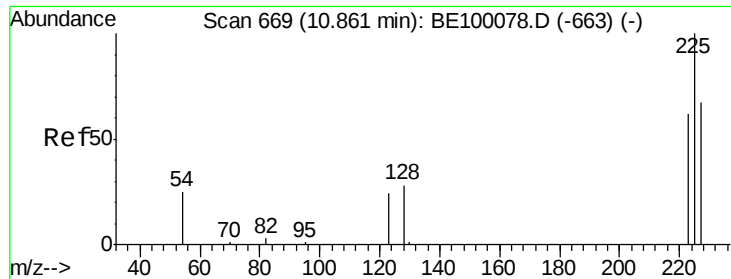


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

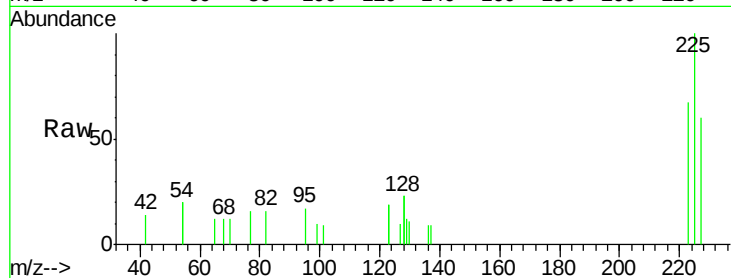




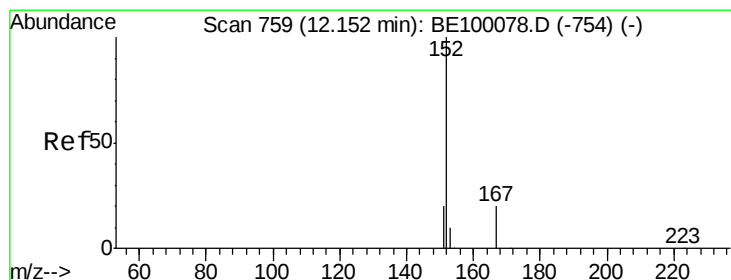
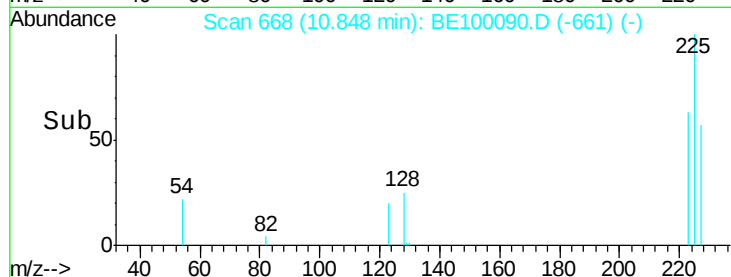
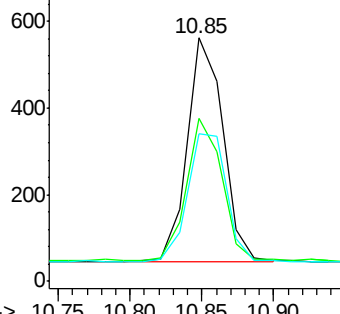
#10
Hexachlorobutadiene
Concen: 0.295 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100090.D
Acq: 19 Jun 2019 19:53

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Tgt Ion: 225 Resp: 896
Ion Ratio Lower Upper
225 100
223 61.8 52.2 78.4
227 62.4 53.0 79.6

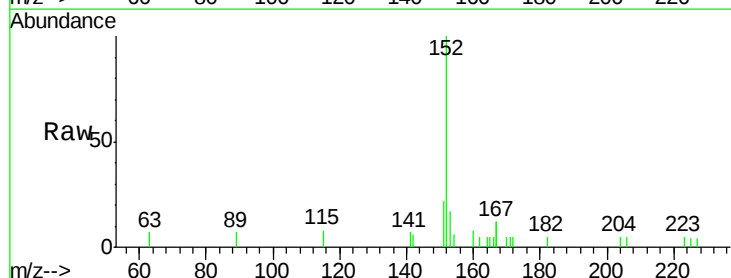


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

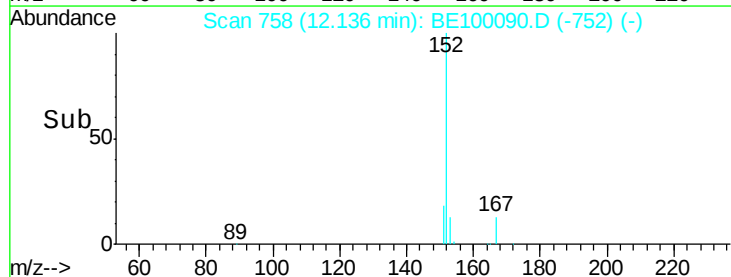
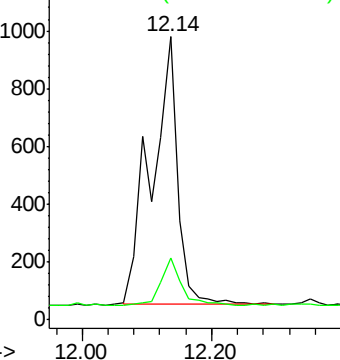


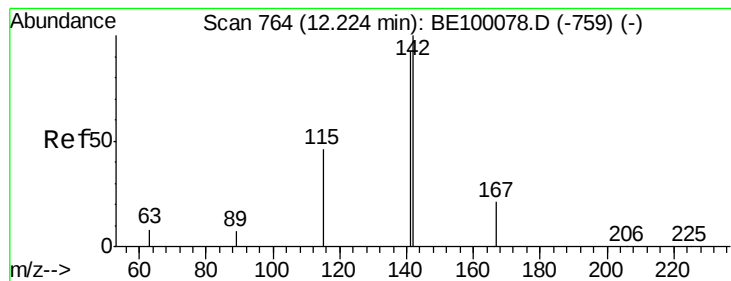
#11
2-Methylnaphthalene-d10
Concen: 0.484 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.02 min
Lab File: BE100090.D
Acq: 19 Jun 2019 19:53

Tgt Ion: 152 Resp: 2623
Ion Ratio Lower Upper
152 100
151 14.0 16.3 24.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

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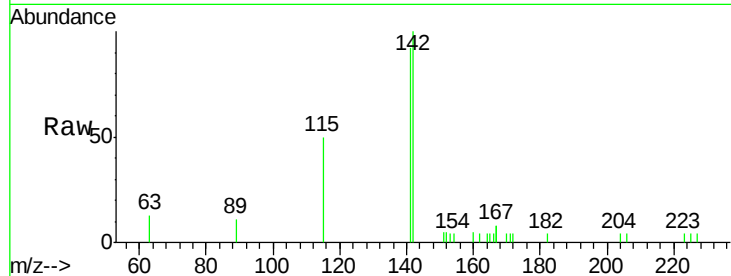
Tgt Ion:142 Resp: 1974

Ion Ratio Lower Upper

142 100

141 91.8 74.1 111.1

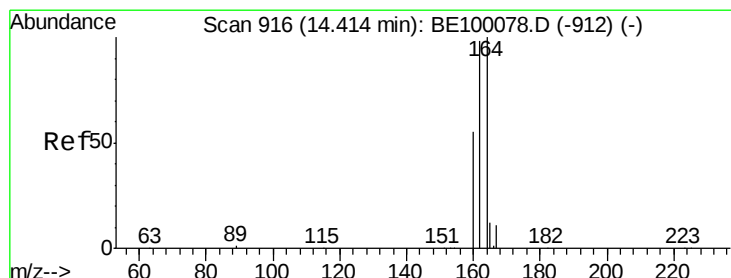
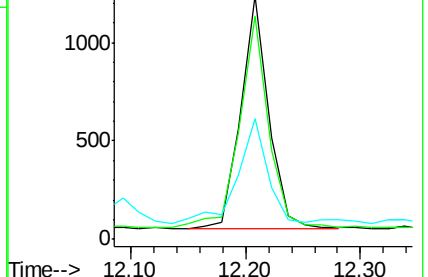
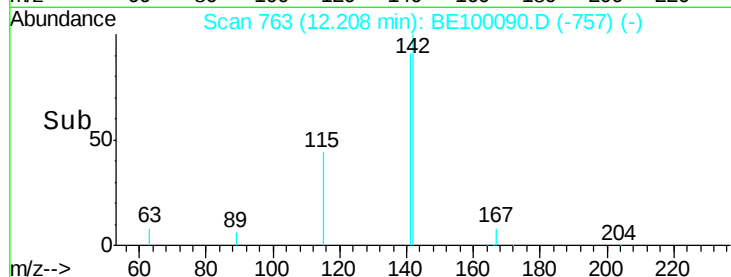
115 49.8 40.9 61.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

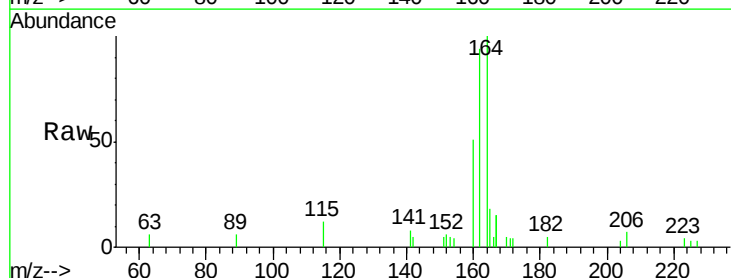
Tgt Ion:164 Resp: 2290

Ion Ratio Lower Upper

164 100

162 94.2 78.2 117.2

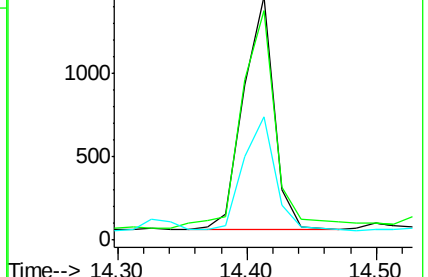
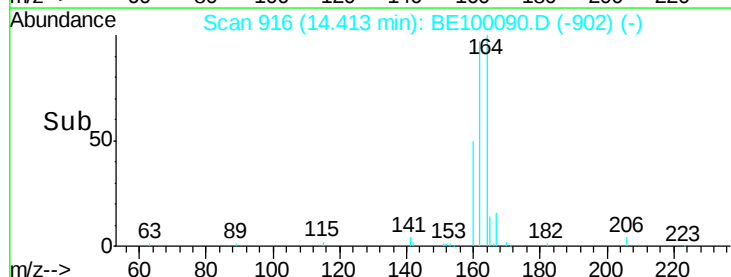
160 50.7 45.6 68.4

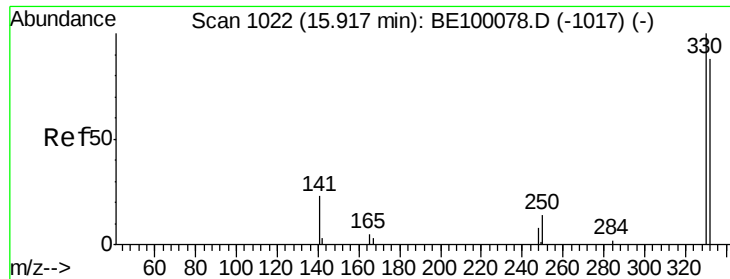


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

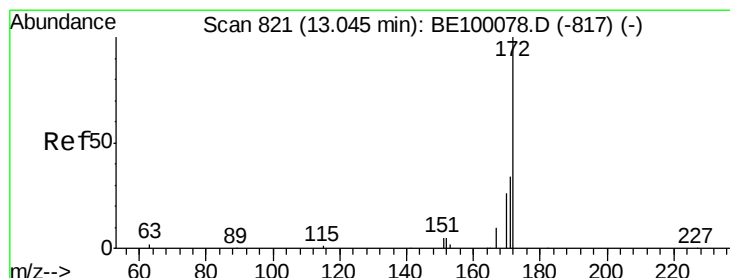
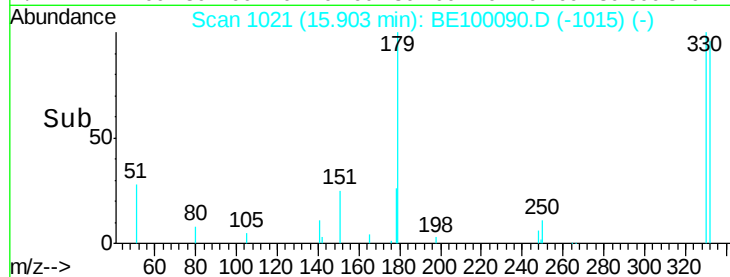
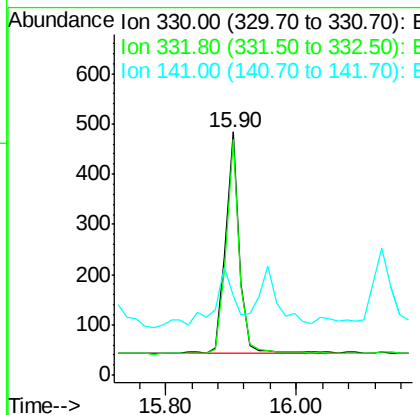
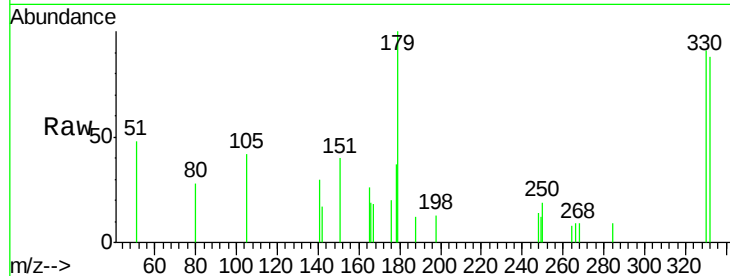




#14
 2,4,6-Tribromophenol
 Concen: 0.522 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

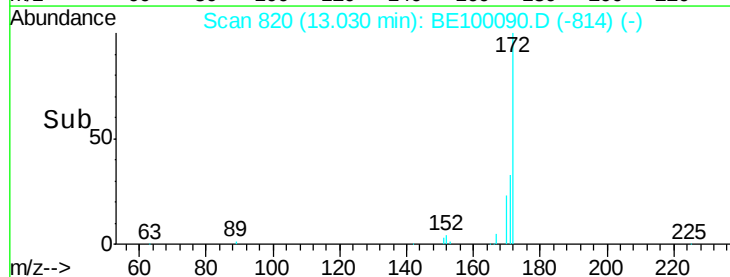
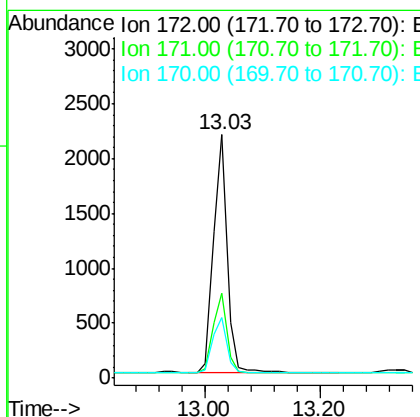
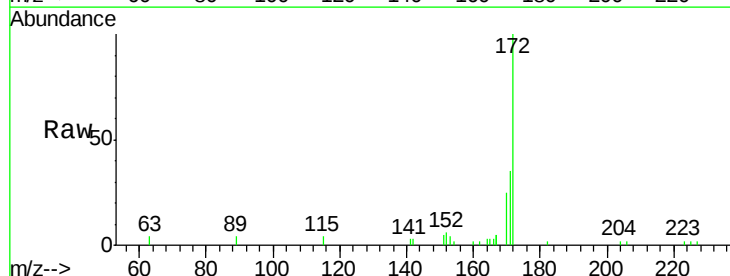
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MS

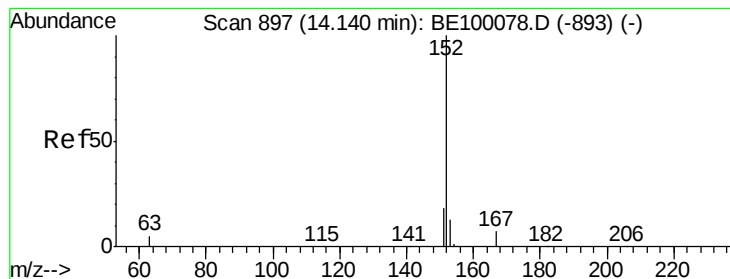
Tgt Ion: 330 Resp: 660
 Ion Ratio Lower Upper
 330 100
 332 92.6 73.3 109.9
 141 31.2 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

Tgt Ion: 172 Resp: 3589
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.8 44.8
 170 24.9 23.2 34.8





#16

Acenaphthylene

Concen: 0.378 ng

RT: 14.12 min Scan# 896

Delta R.T. -0.02 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

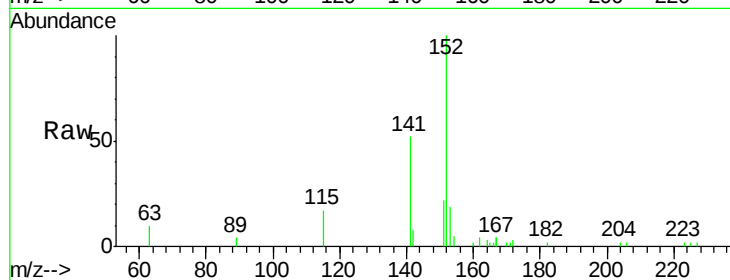
Tgt Ion:152 Resp: 4112

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

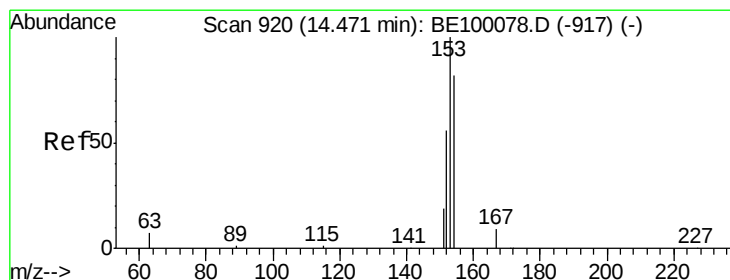
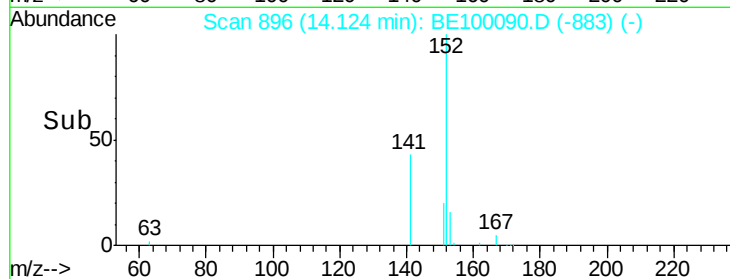
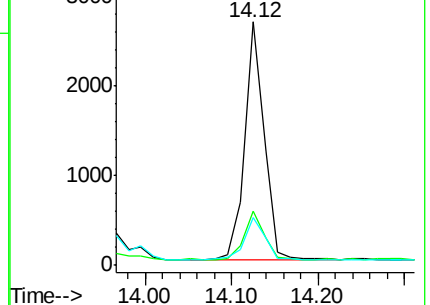
153 18.7 10.1 15.1#



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: 9.247 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

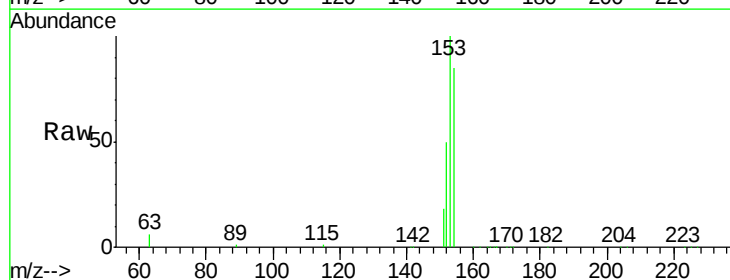
Tgt Ion:154 Resp: 56204

Ion Ratio Lower Upper

154 100

153 116.9 95.5 143.3

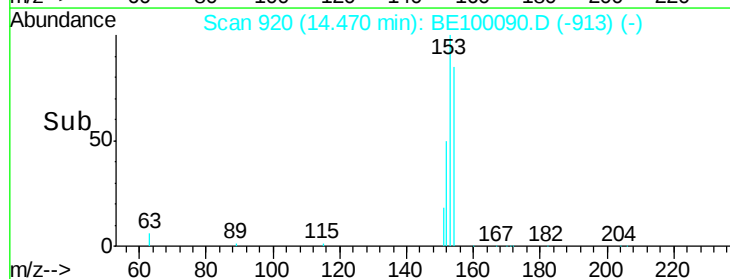
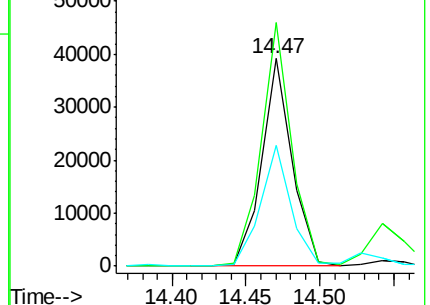
152 58.3 54.9 82.3

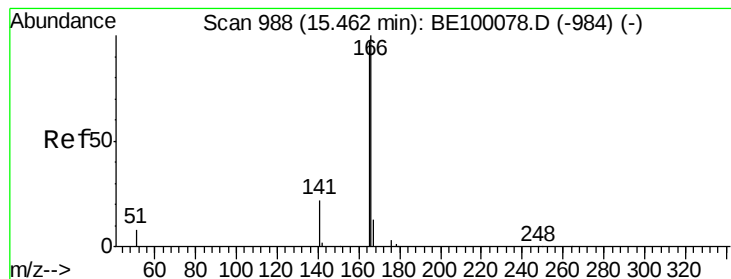


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 6.828 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

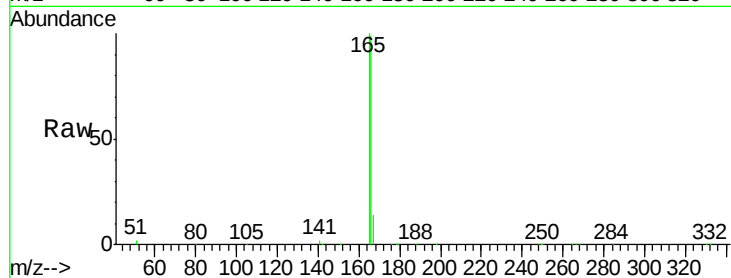
Tgt Ion:166 Resp: 61812

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

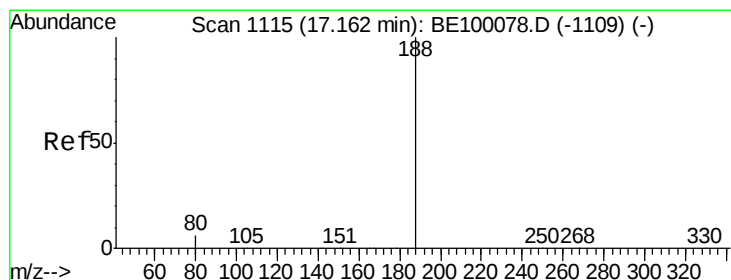
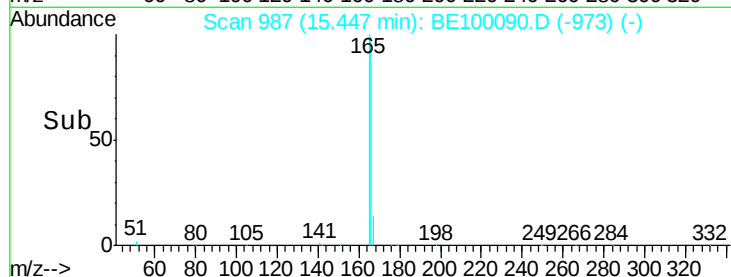
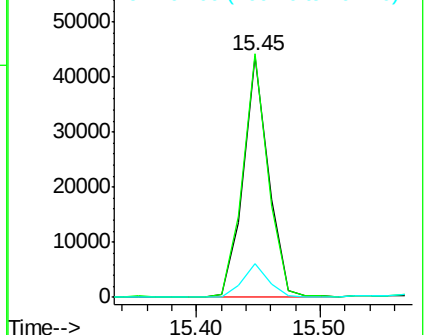
167 14.2 10.2 15.4



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

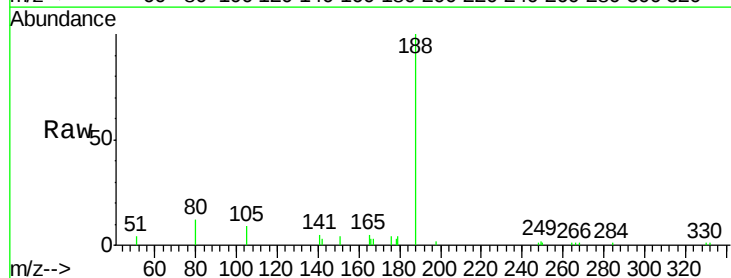
Tgt Ion:188 Resp: 6992

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

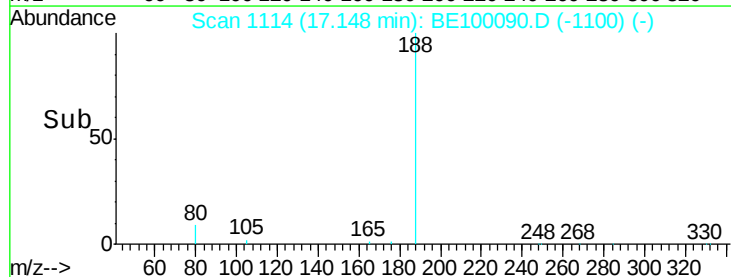
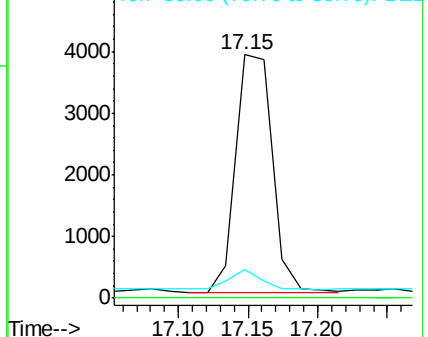
80 12.0 6.3 9.5#

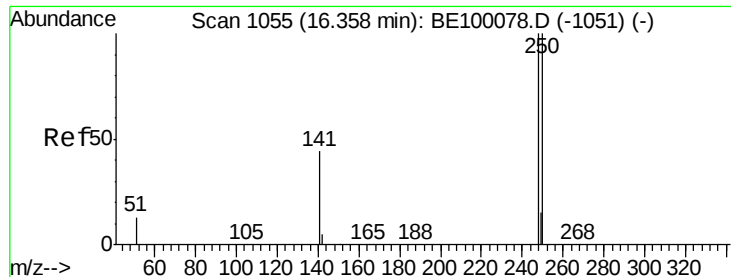


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

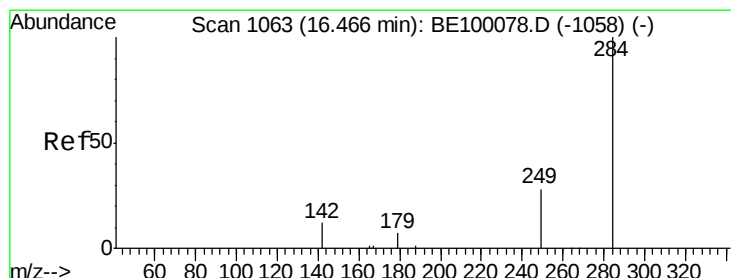
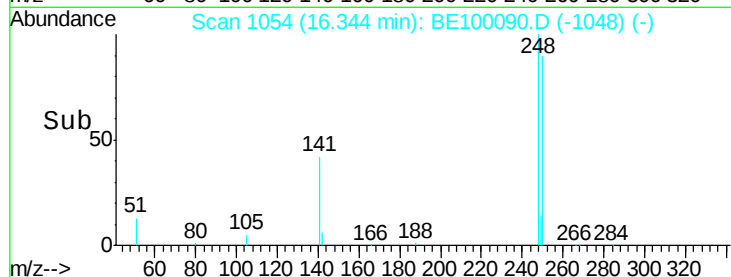
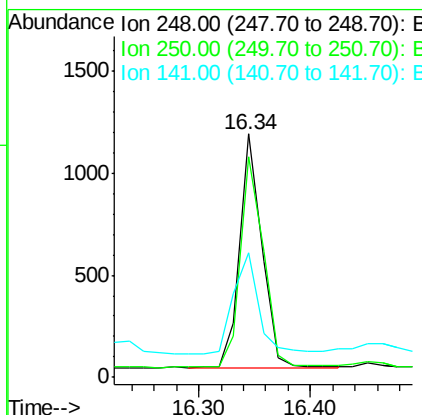
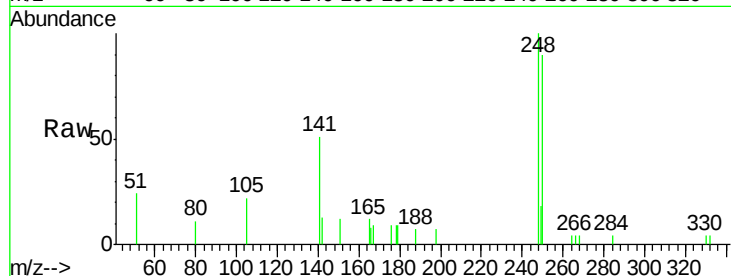




#20
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.34 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BE100090.D
Acq: 19 Jun 2019 19:53

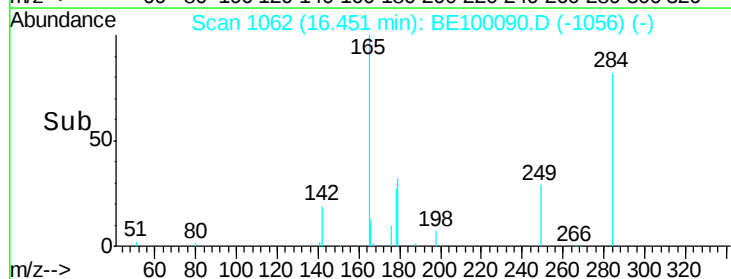
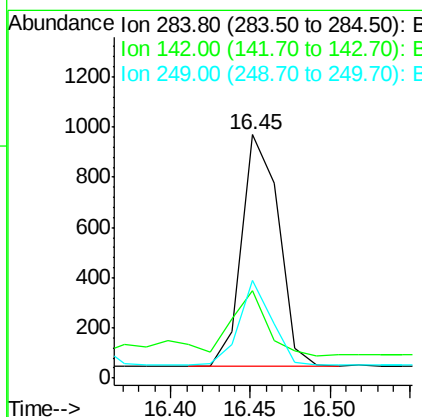
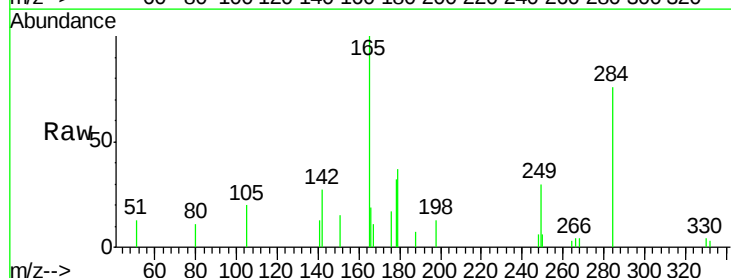
Instrument :
BNA_E
ClientSampleId :
SS043MW010-190611MS

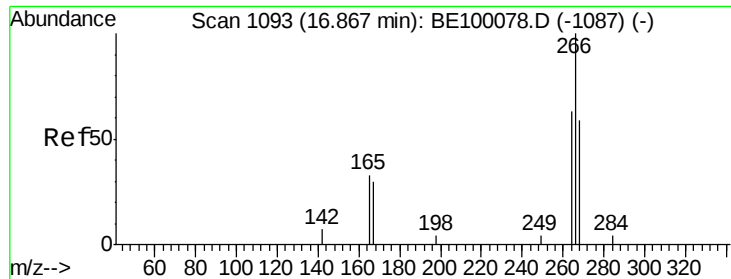
Tgt Ion:248 Resp: 1570
Ion Ratio Lower Upper
248 100
250 90.4 80.6 120.8
141 51.0 38.8 58.2



#21
Hexachlorobenzene
Concen: 0.327 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BE100090.D
Acq: 19 Jun 2019 19:53

Tgt Ion:284 Resp: 1502
Ion Ratio Lower Upper
284 100
142 26.0 20.7 31.1
249 31.9 26.6 39.8





#22

Pentachlorophenol

Concen: 1.434 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

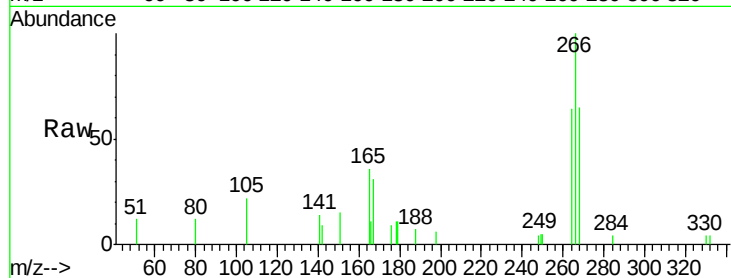
Tgt Ion:266 Resp: 1776

Ion Ratio Lower Upper

266 100

264 64.2 67.8 101.6#

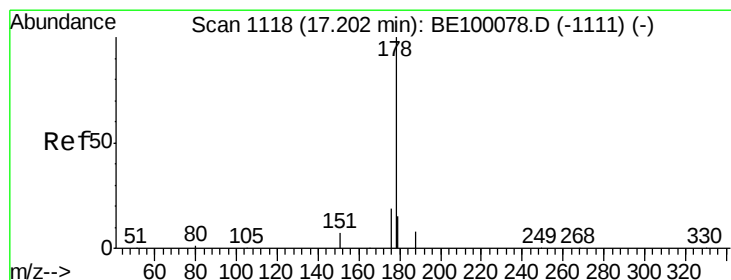
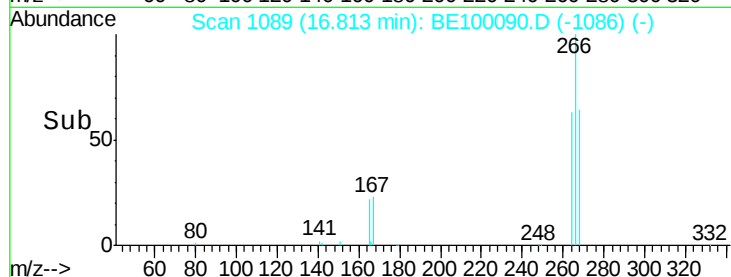
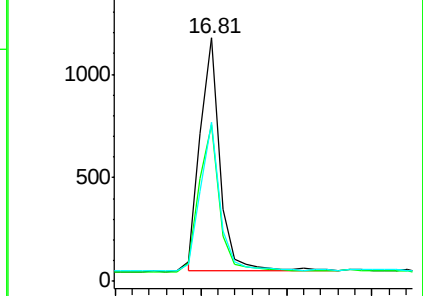
268 65.5 70.0 105.0#



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: 3.187 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

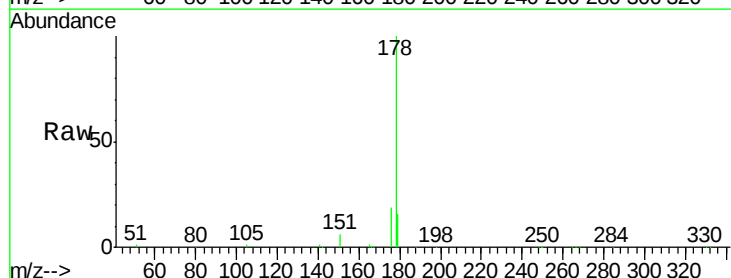
Tgt Ion:178 Resp: 53395

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

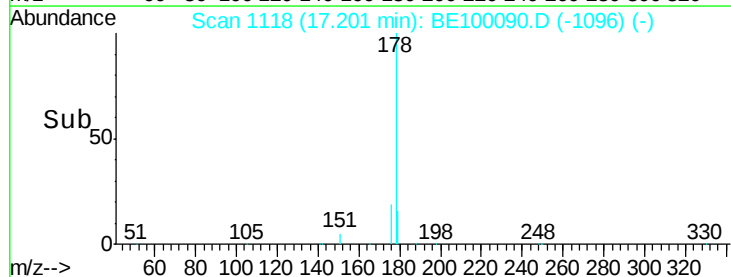
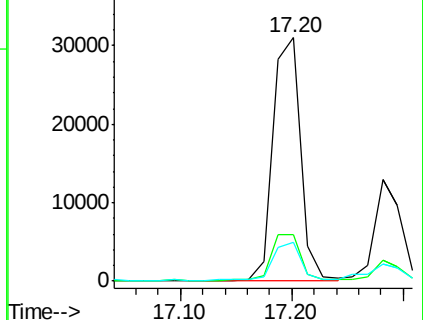
179 15.4 13.1 19.7

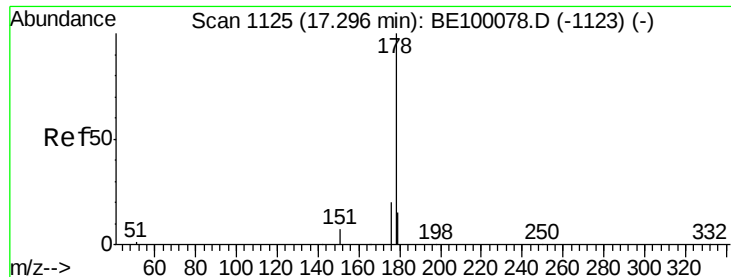


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.418 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

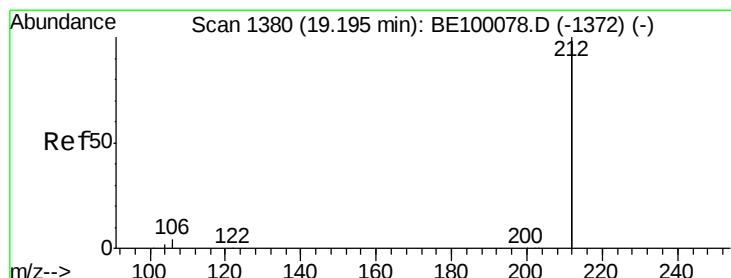
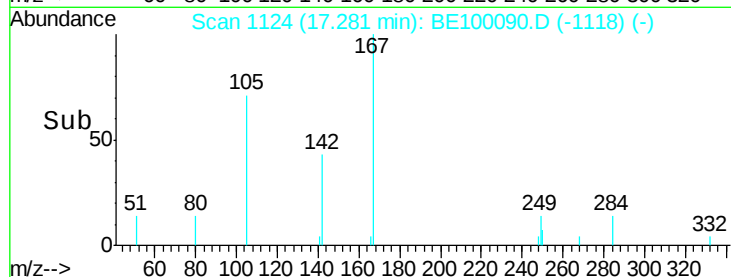
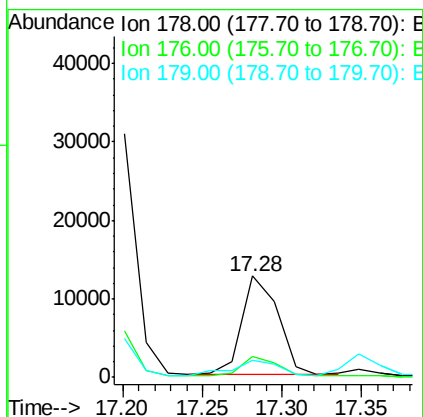
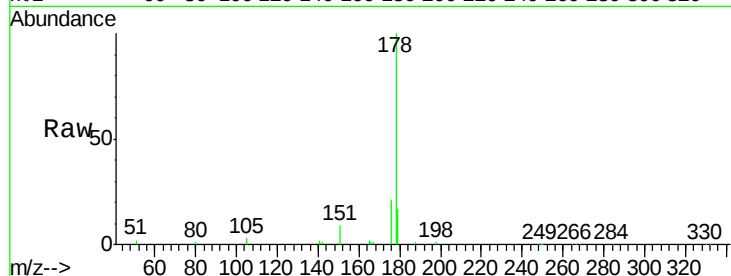
Tgt Ion:178 Resp: 20035

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

179 20.2 12.0 18.0#



#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

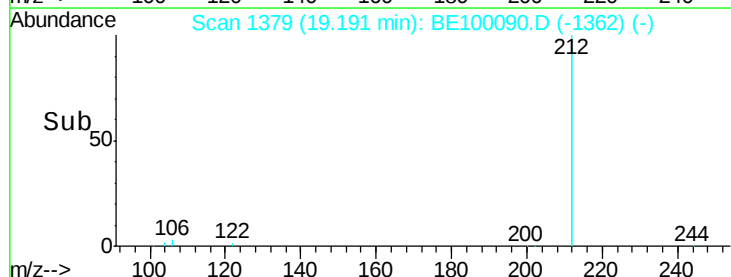
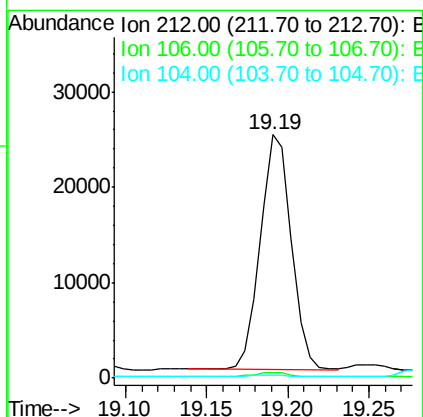
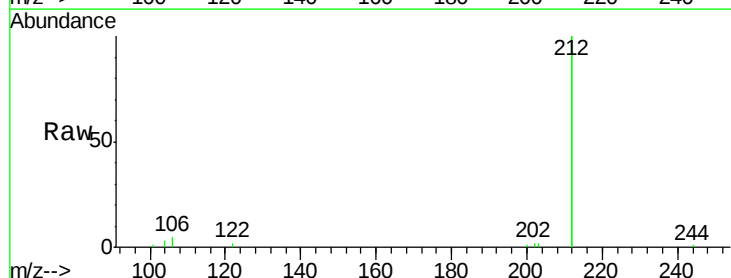
Tgt Ion:212 Resp: 32898

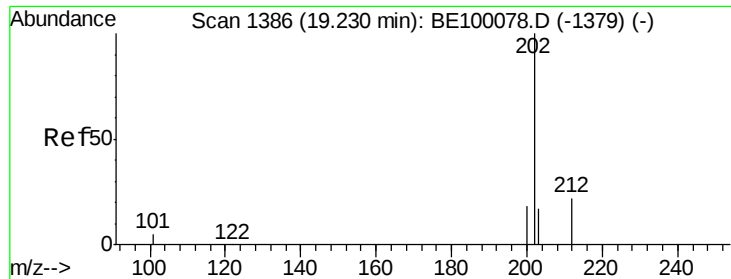
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

104 1.4 0.8 1.2#





#26

Fluoranthene

Concen: 1.084 ng

RT: 19.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

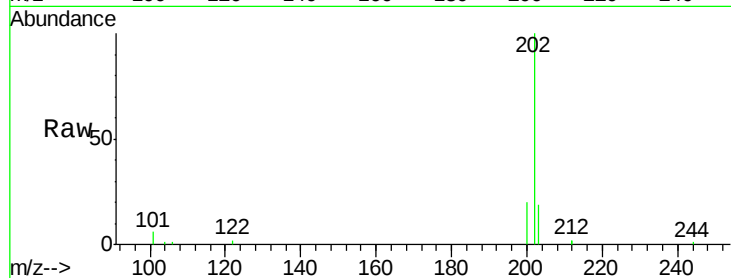
Tgt Ion:202 Resp: 29145

Ion Ratio Lower Upper

202 100

101 6.1 5.0 7.4

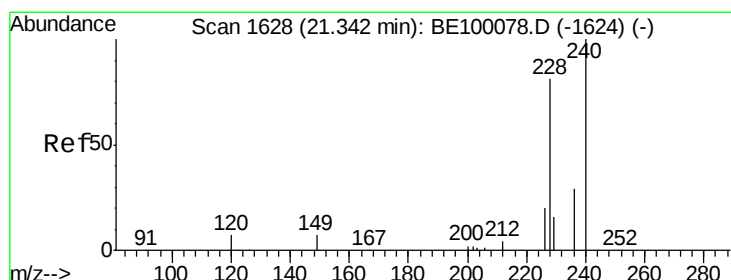
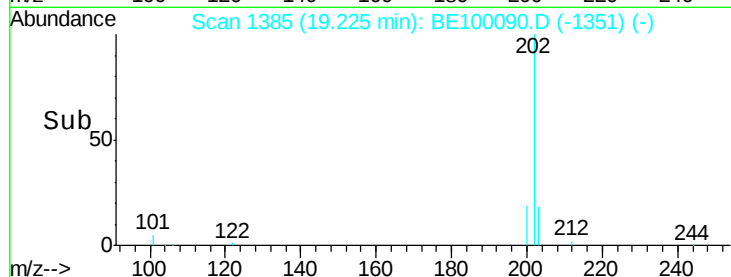
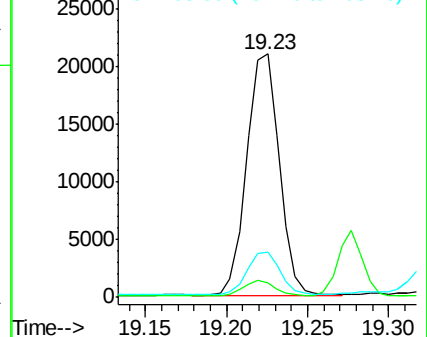
203 17.4 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

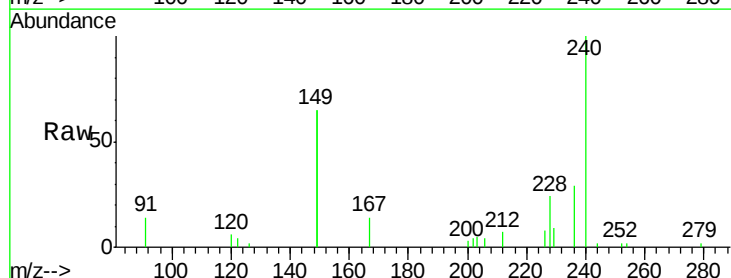
Tgt Ion:240 Resp: 10675

Ion Ratio Lower Upper

240 100

120 6.2 6.6 10.0#

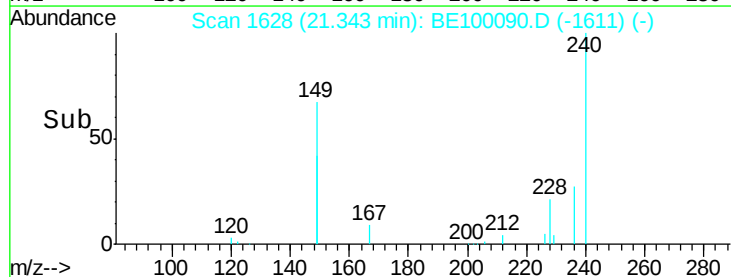
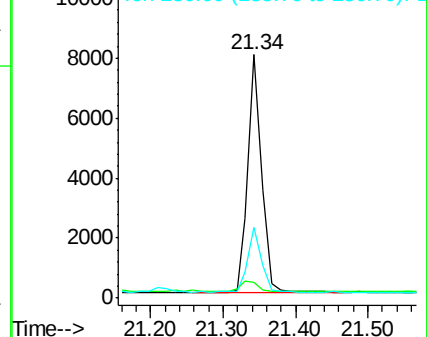
236 29.2 23.8 35.6

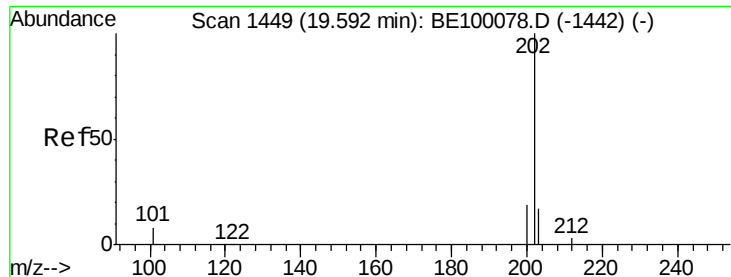


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

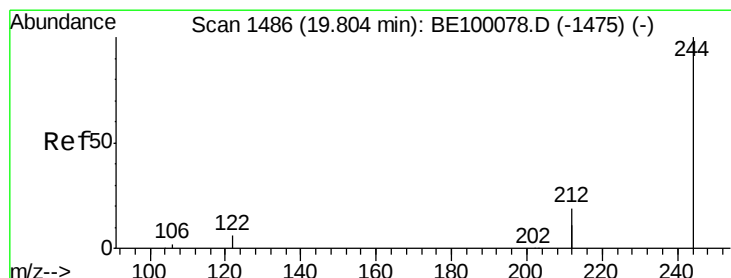
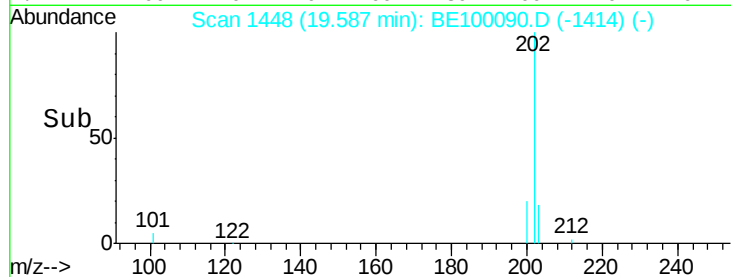
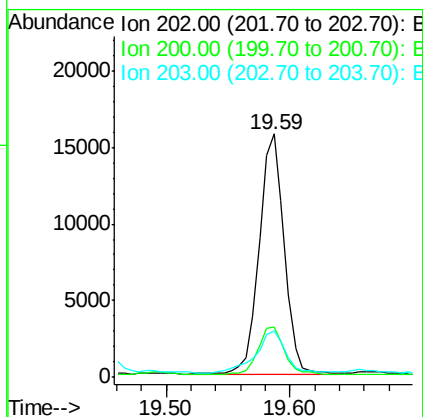
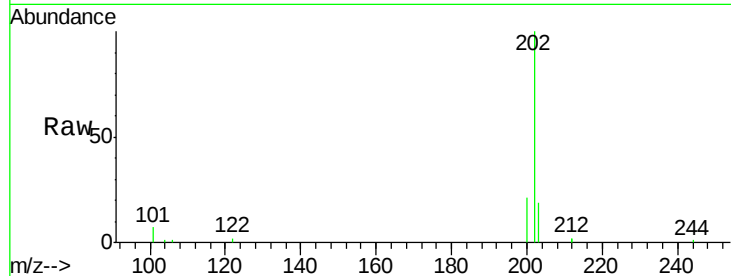




#28
 Pyrene
 Concen: 0.797 ng
 RT: 19.59 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

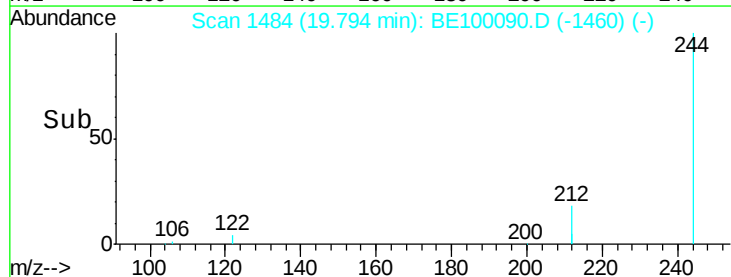
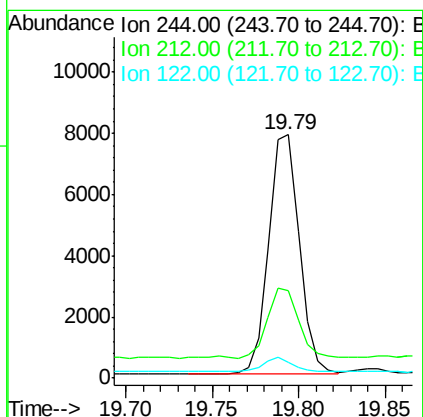
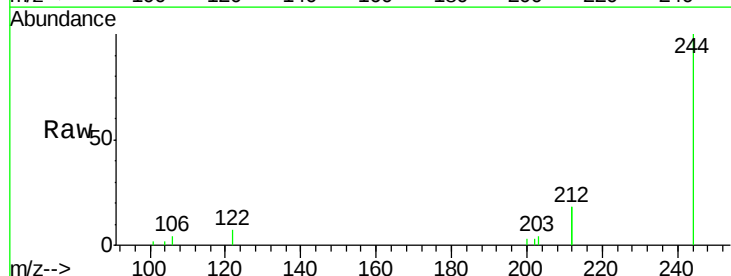
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MS

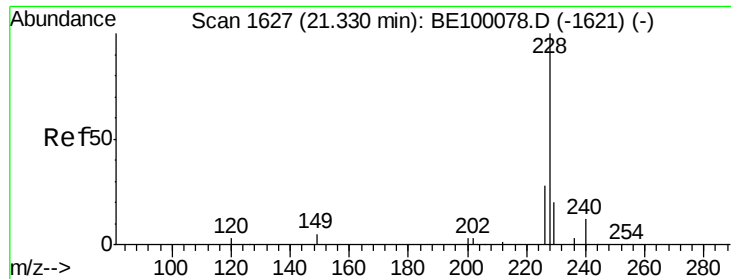
Tgt Ion: 202 Resp: 21881
 Ion Ratio Lower Upper
 202 100
 200 21.0 15.6 23.4
 203 20.5 13.9 20.9



#29
 Terphenyl-d14
 Concen: 0.453 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

Tgt Ion: 244 Resp: 9676
 Ion Ratio Lower Upper
 244 100
 212 35.9 29.8 44.8
 122 6.6 6.1 9.1





#30

Benzo(a)anthracene

Concen: 0.448 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

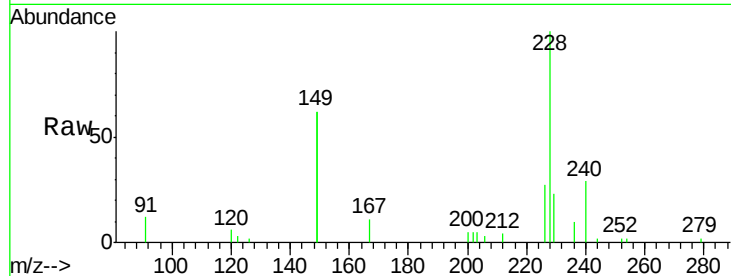
Tgt Ion:228 Resp: 14227

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.4

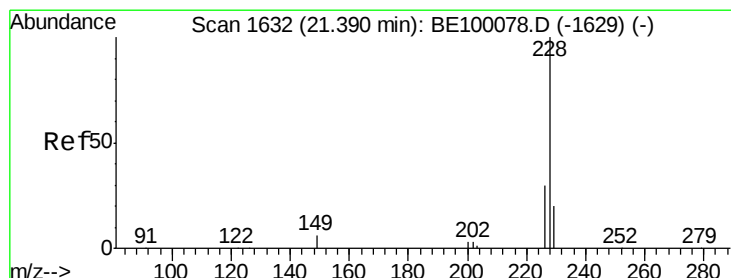
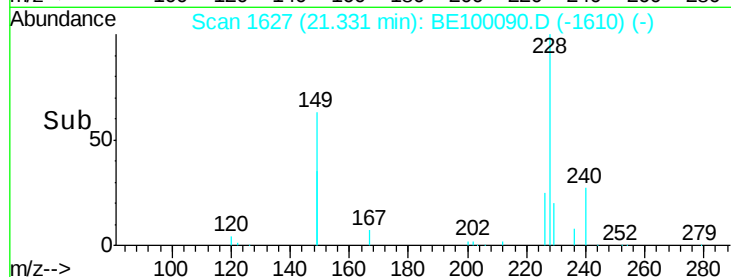
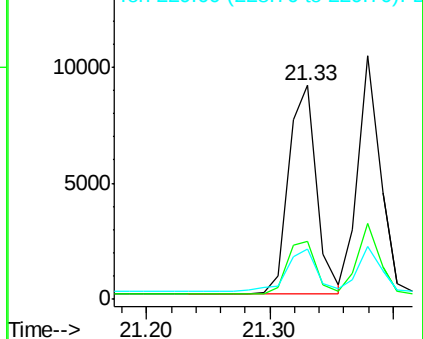
229 23.3 16.4 24.6



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: 0.352 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

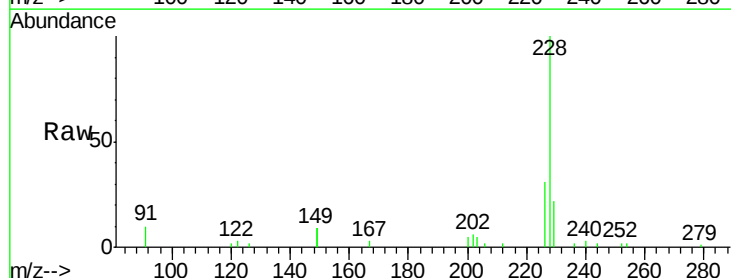
Tgt Ion:228 Resp: 12991

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.8

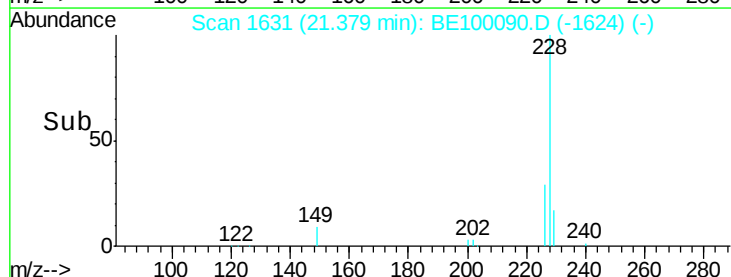
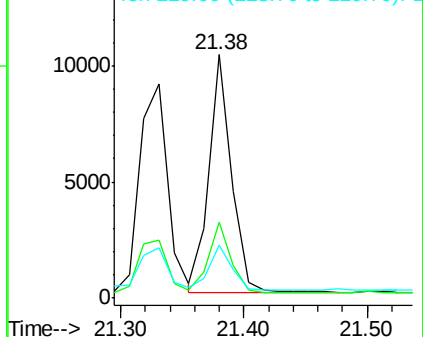
229 21.9 16.3 24.5

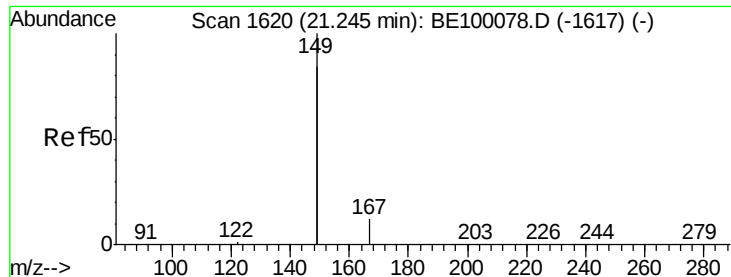


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

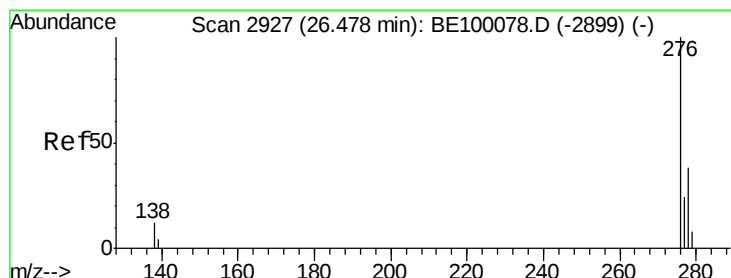
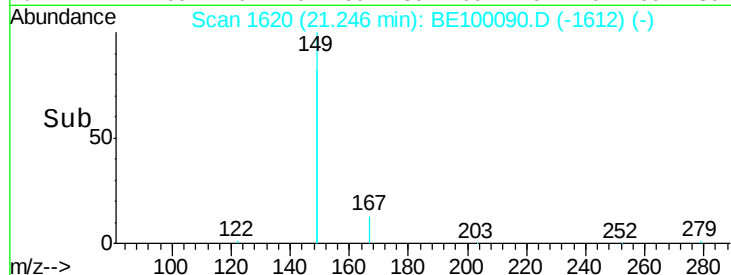
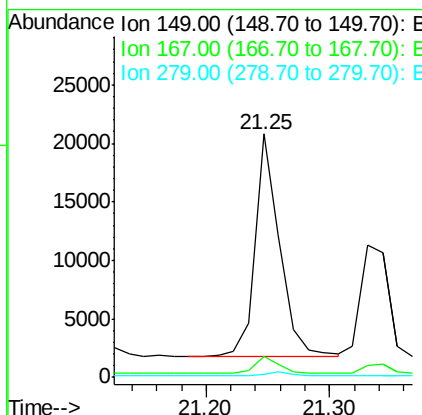
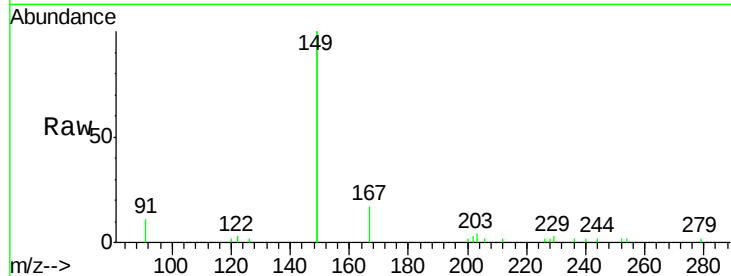




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.872 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

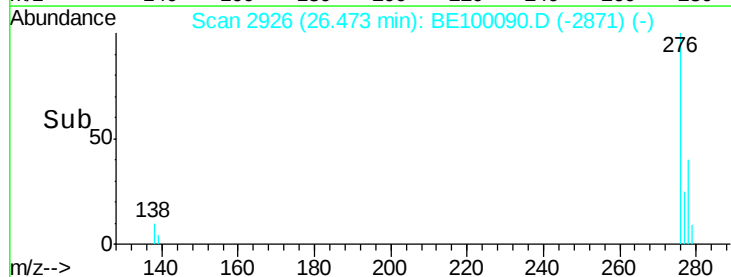
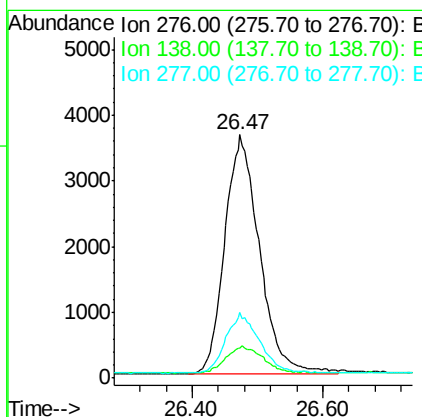
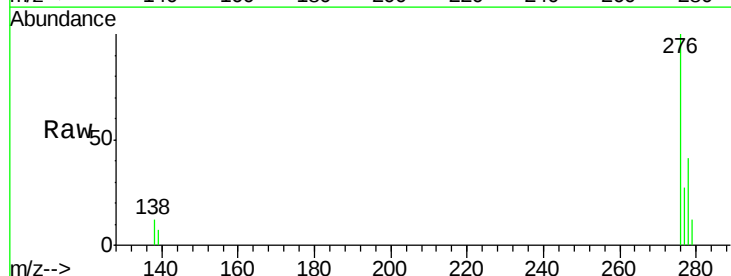
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MS

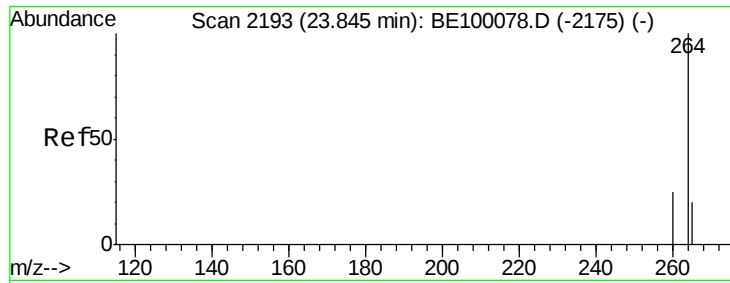
Tgt Ion:149 Resp: 26143
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.8 8.6
 279 1.4 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.322 ng
 RT: 26.47 min Scan# 2926
 Delta R.T. -0.00 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

Tgt Ion:276 Resp: 13386
 Ion Ratio Lower Upper
 276 100
 138 11.5 4.3 6.5#
 277 24.2 19.4 29.0

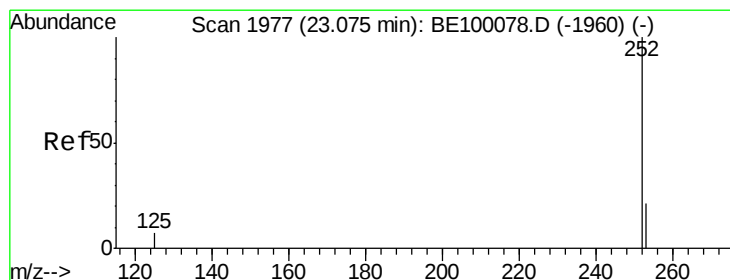
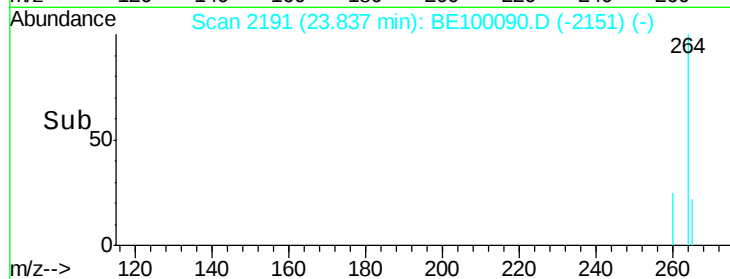
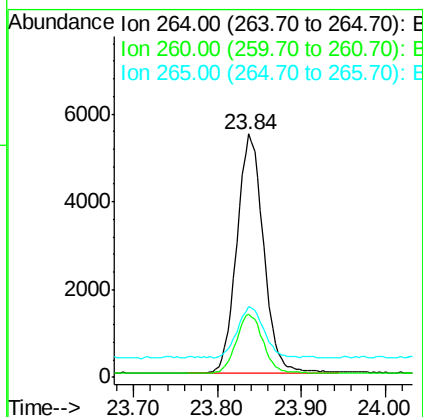
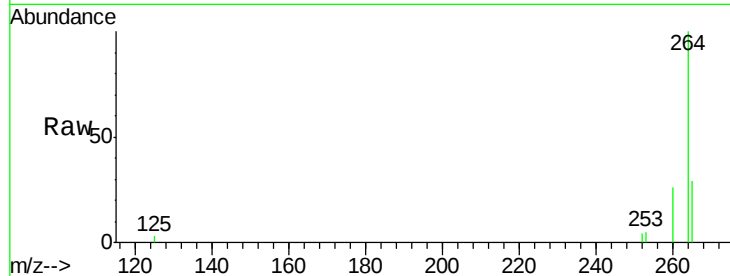




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

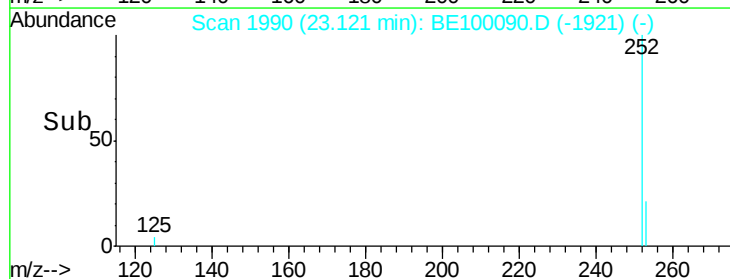
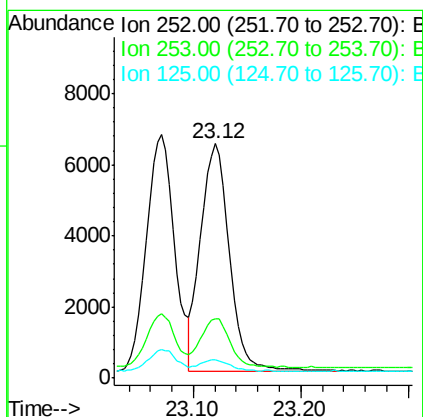
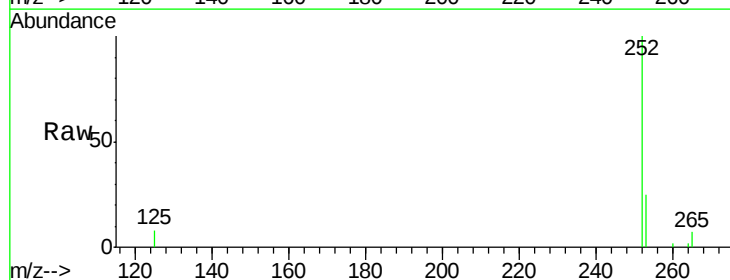
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW010-190611MS

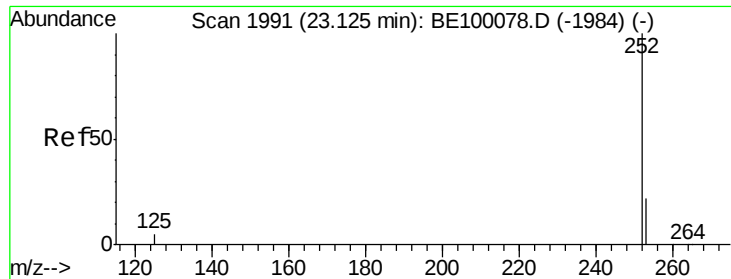
Tgt Ion: 264 Resp: 12134
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.8 31.2
 265 29.2 23.2 34.8



#35
Benzo(b)fluoranthene
 Concen: 0.336 ng
 RT: 23.12 min Scan# 1990
 Delta R.T. 0.05 min
 Lab File: BE100090.D
 Acq: 19 Jun 2019 19:53

Tgt Ion: 252 Resp: 11951
 Ion Ratio Lower Upper
 252 100
 253 25.1 18.4 27.6
 125 7.8 6.4 9.6





#36

Benzo(k)fluoranthene

Concen: 0.295 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

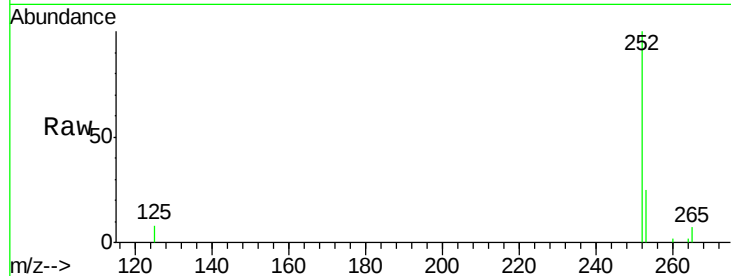
Tgt Ion:252 Resp: 11951

Ion Ratio Lower Upper

252 100

253 25.1 18.9 28.3

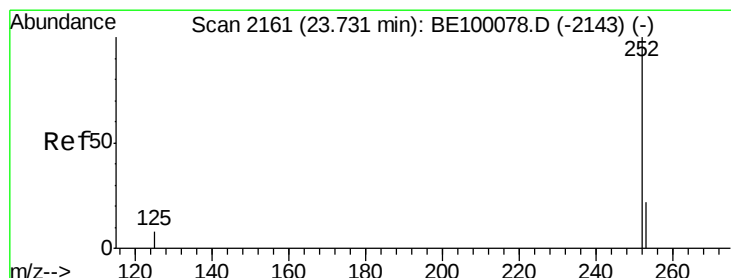
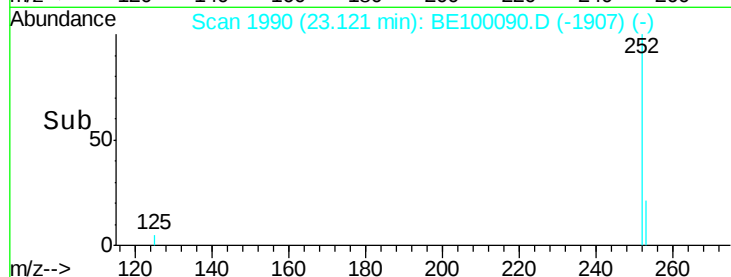
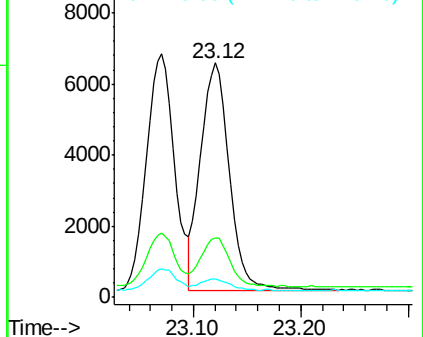
125 7.8 5.3 7.9



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: 0.334 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

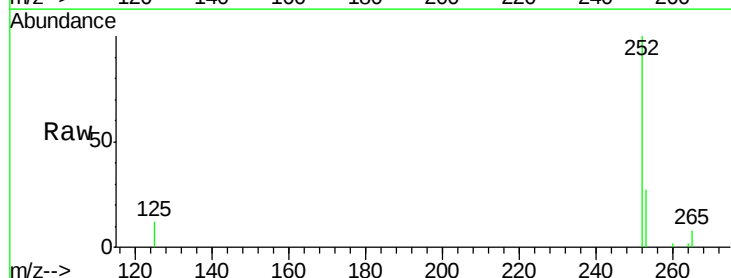
Tgt Ion:252 Resp: 11482

Ion Ratio Lower Upper

252 100

253 26.9 19.4 29.2

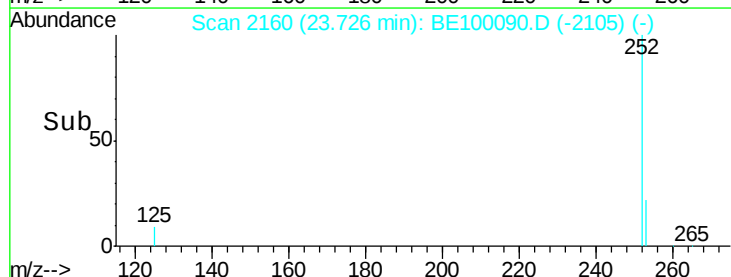
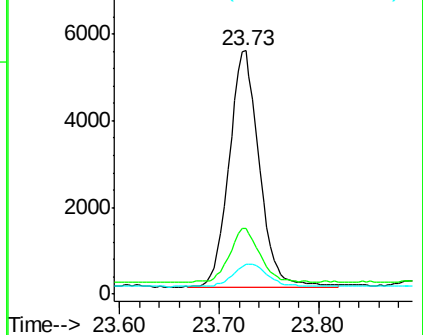
125 12.0 8.0 12.0#

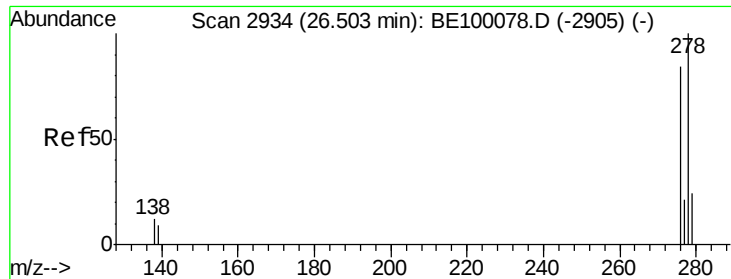


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.312 ng

RT: 26.51 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

Instrument :

BNA_E

ClientSampleId :

SS043MW010-190611MS

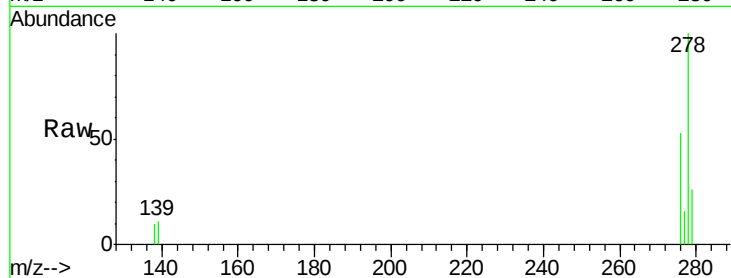
Tgt Ion:278 Resp: 11001

Ion Ratio Lower Upper

278 100

139 10.8 9.0 13.6

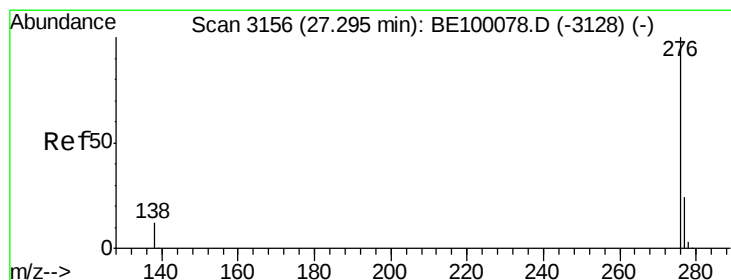
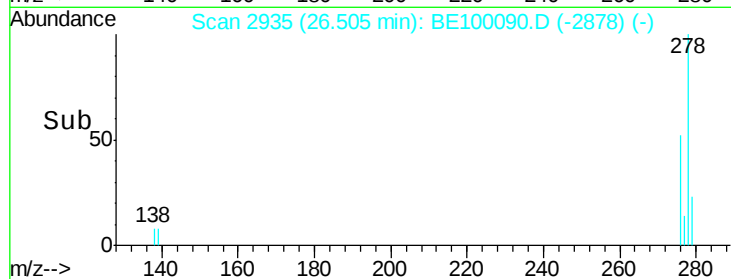
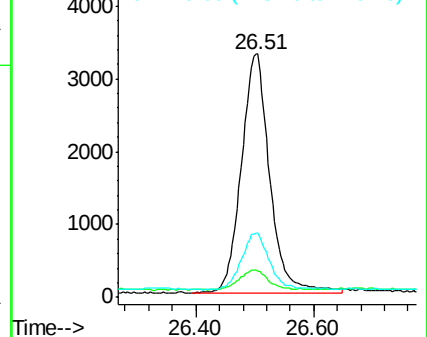
279 26.2 21.4 32.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.311 ng

RT: 27.29 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE100090.D

Acq: 19 Jun 2019 19:53

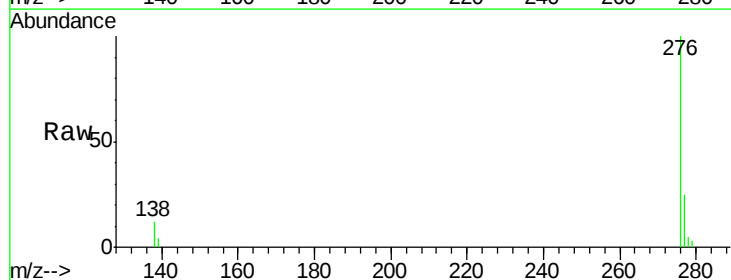
Tgt Ion:276 Resp: 11384

Ion Ratio Lower Upper

276 100

277 25.5 20.3 30.5

138 12.2 11.3 16.9



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

