

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100955.D
 Acq On : 19 Dec 2019 20:52
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:34:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 00:29:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1864	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9426	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	6480	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	13836	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14271	0.40	ng	0.00
34) Perylene-d12	23.73	264	19366	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	296	0.07	ng	0.00
5) Phenol-d6	7.02	99	204	0.03	ng	0.05
8) Nitrobenzene-d5	8.95	82	347	0.08	ng	0.04
11) 2-Methylnaphthalene-d10	12.14	152	1401	0.10	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	108	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	2153	0.08	ng	0.01
25) Fluoranthene-d10	19.15	212	16137	0.10	ng	0.00
29) Terphenyl-d14	19.76	244	3092	0.09	ng	0.01

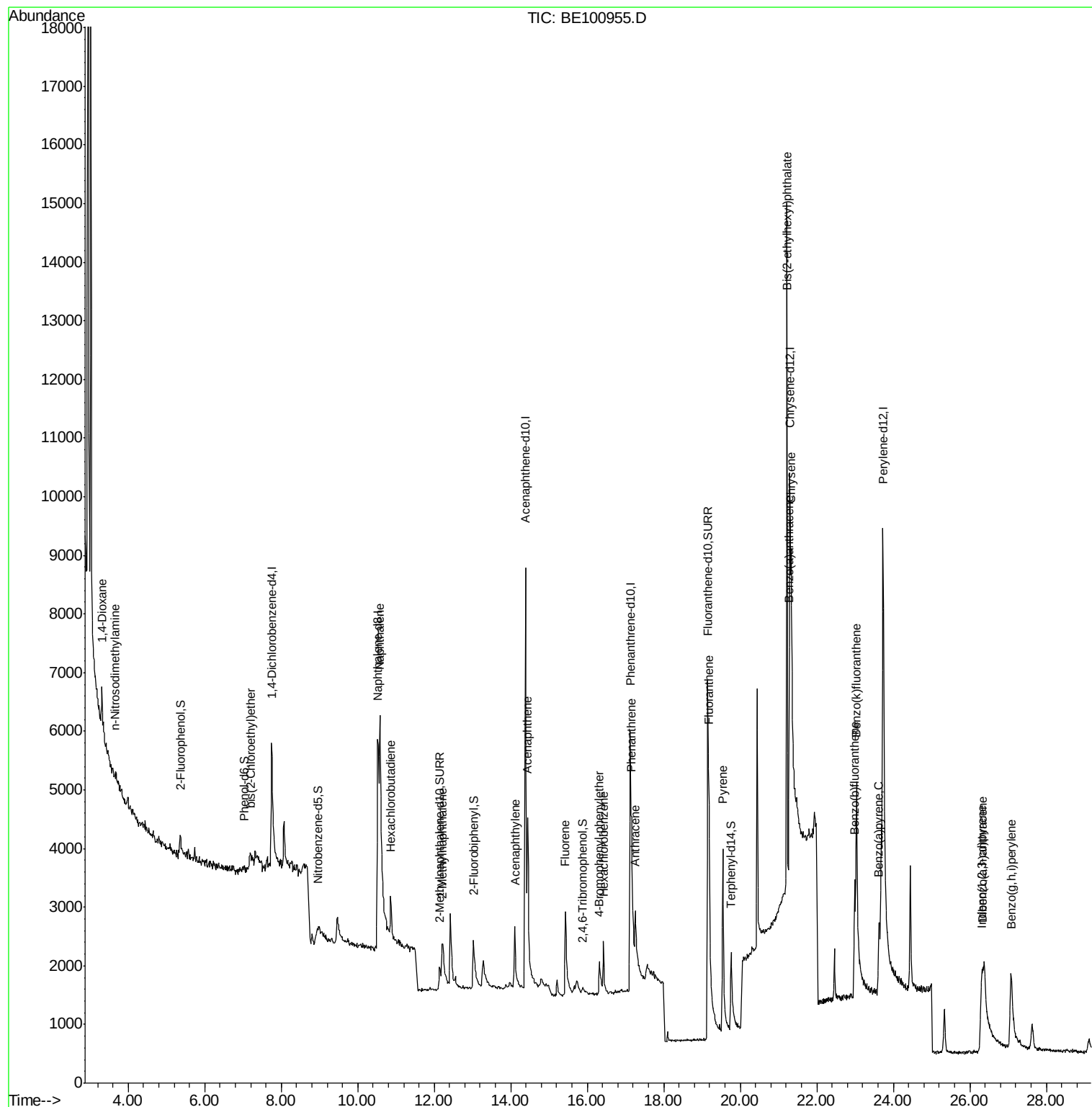
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1385	0.408	ng	# 79
3) n-Nitrosodimethylamine	3.65	42	101	0.037	ng	# 1
6) bis(2-Chloroethyl)ether	7.19	93	255	0.040	ng	# 1
9) Naphthalene	10.58	128	10207	0.102	ng	# 94
10) Hexachlorobutadiene	10.86	225	494	0.126	ng	# 94
12) 2-Methylnaphthalene	12.22	142	1143	0.073	ng	# 89
16) Acenaphthylene	14.11	152	2286	0.085	ng	# 97
17) Acenaphthene	14.44	154	1682	0.091	ng	# 96
18) Fluorene	15.42	166	2008	0.084	ng	# 99
20) 4-Bromophenyl-phenylether	16.32	248	590	0.087	ng	# 89
21) Hexachlorobenzene	16.43	284	722	0.098	ng	# 98
23) Phenanthrene	17.16	178	3263	0.078	ng	# 98
24) Anthracene	17.26	178	1542	0.044	ng	# 95
26) Fluoranthene	19.18	202	4746	0.095	ng	# 97
28) Pyrene	19.54	202	4988	0.108	ng	# 100
30) Benzo(a)anthracene	21.28	228	2892	0.069	ng	# 94
31) Chrysene	21.33	228	4747	0.096	ng	# 97
32) Bis(2-ethylhexyl)phthalate	21.22	149	14391	0.377	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.31	276	3517	0.082	ng	# 88
35) Benzo(b)fluoranthene	22.99	252	3367	0.064	ng	# 79
36) Benzo(k)fluoranthene	23.04	252	4645	0.078	ng	# 49
37) Benzo(a)pyrene	23.63	252	3056	0.067	ng	# 72
38) Dibenzo(a,h)anthracene	26.33	278	924	0.020	ng	# 56
39) Benzo(g,h,i)perylene	27.08	276	4488	0.092	ng	# 85

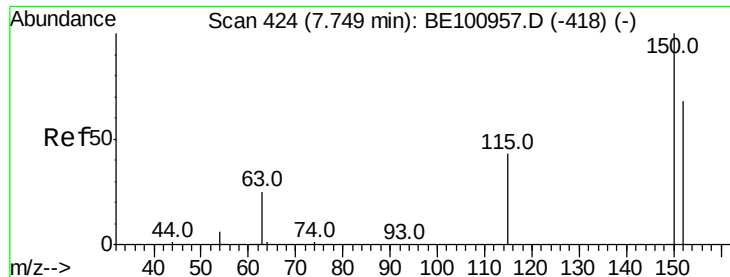
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 00:29:37 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 424

Delta R.T. -0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

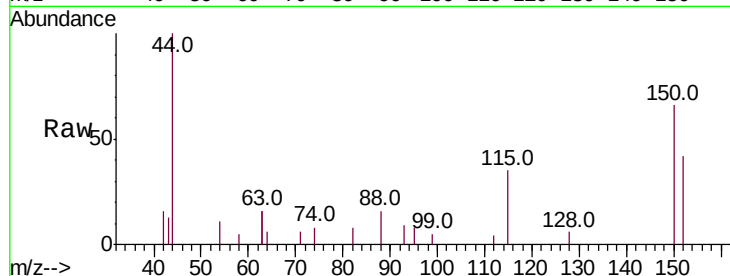
Tot Ion:152 Resp: 1864

Ion Ratio Lower Upper

152 100

150 157.4 116.7 175.1

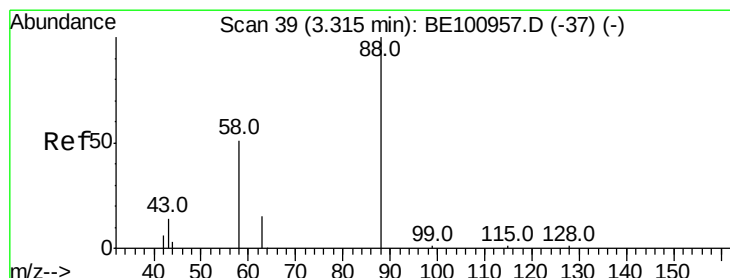
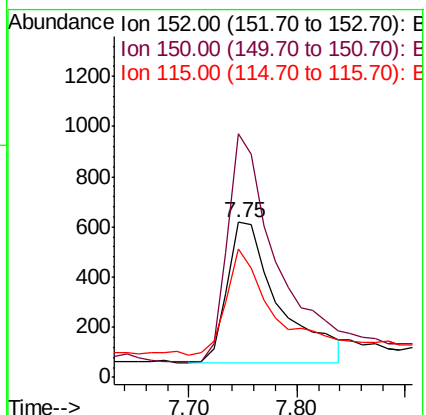
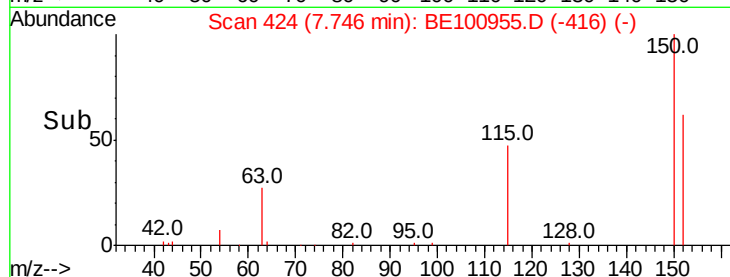
115 82.8 55.7 83.5



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: 0.408 ng

RT: 3.31 min Scan# 39

Delta R.T. -0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

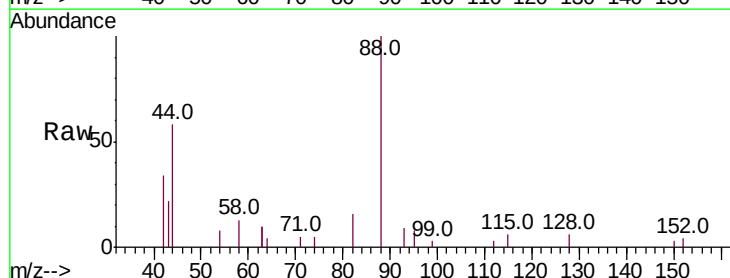
Tgt Ion: 88 Resp: 1385

Ion Ratio Lower Upper

88 100

58 27.1 38.6 57.8#

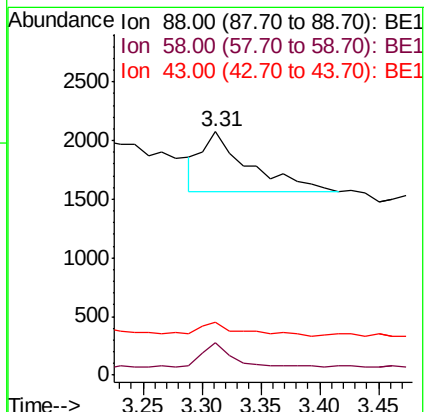
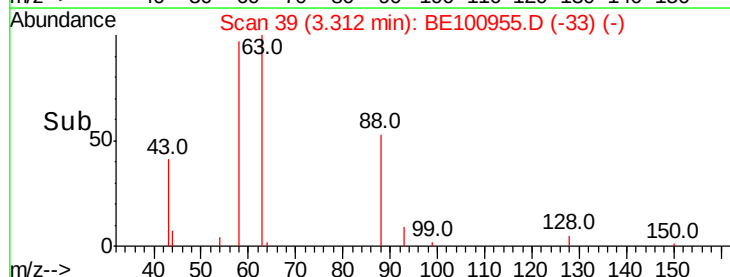
43 24.5 20.5 30.7

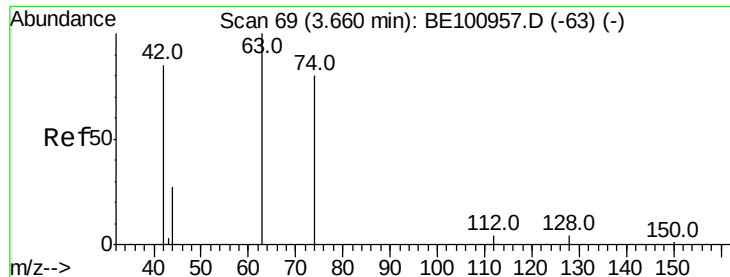


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

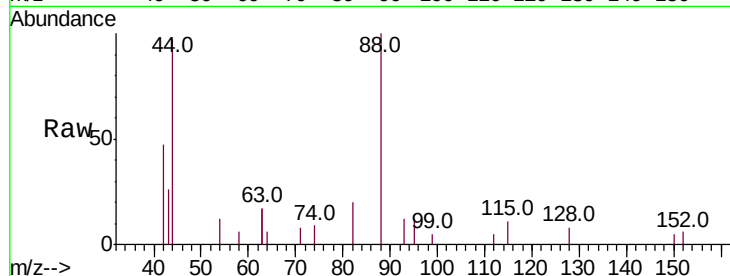
Tot Ion: 42 Resp: 101

Ion Ratio Lower Upper

42 100

74 0.0 77.8 116.6#

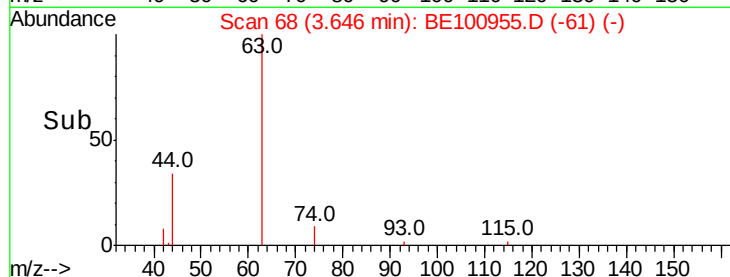
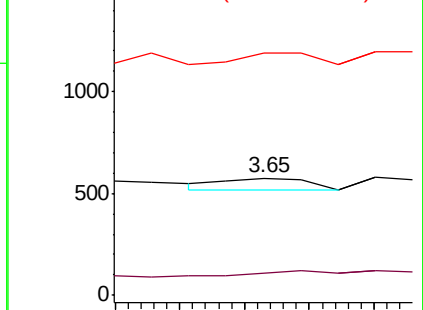
44 87.1 0.0 0.0#



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: 0.067 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

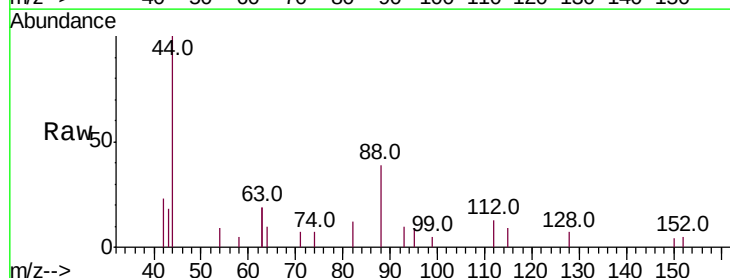
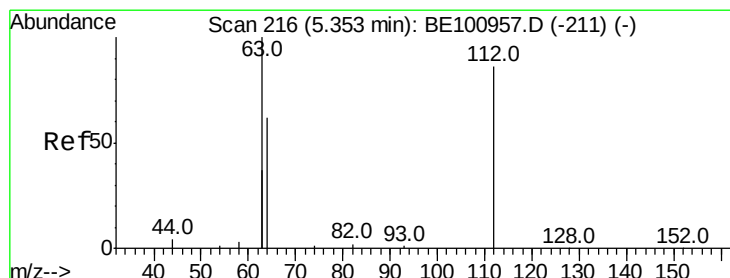
Tgt Ion: 112 Resp: 296

Ion Ratio Lower Upper

112 100

64 70.6 58.6 88.0

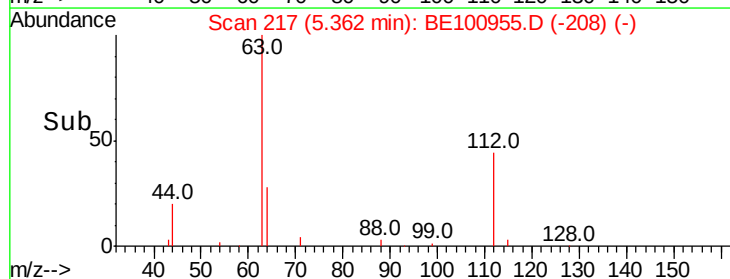
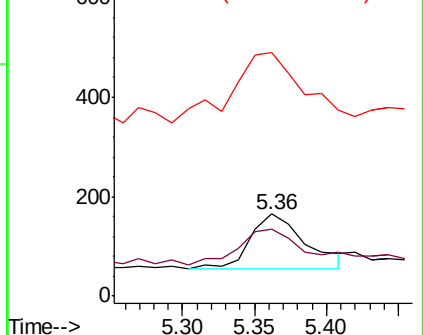
63 165.2 121.0 181.6

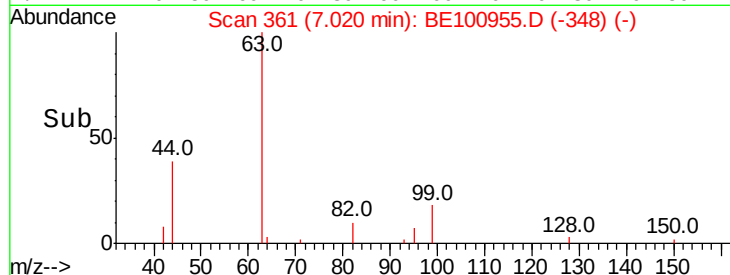
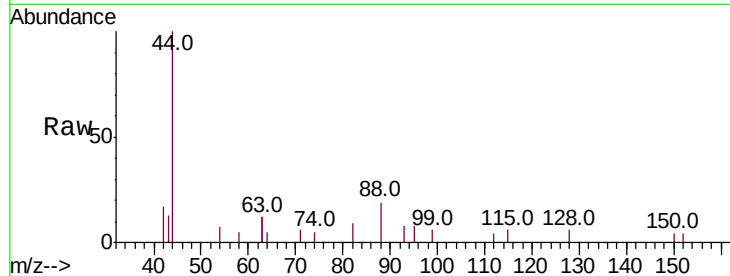
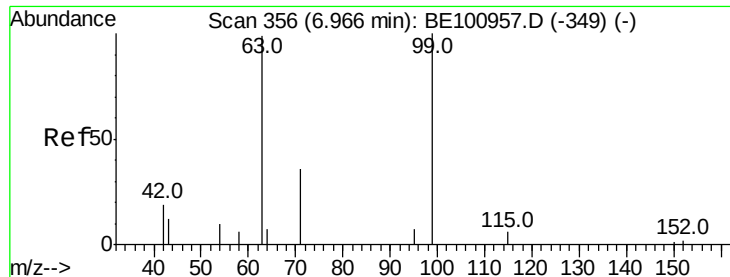


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.031 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.05 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

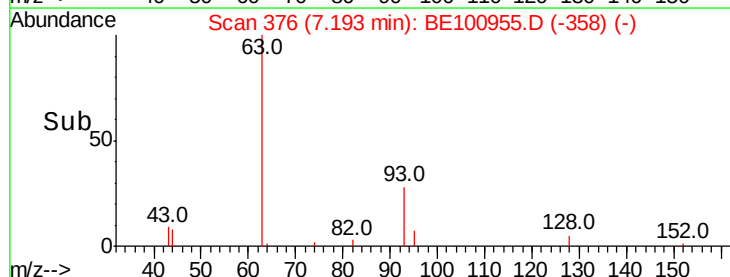
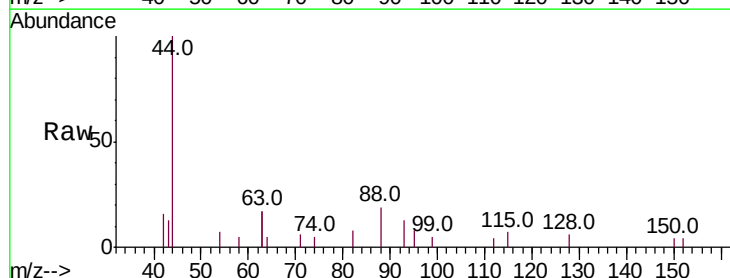
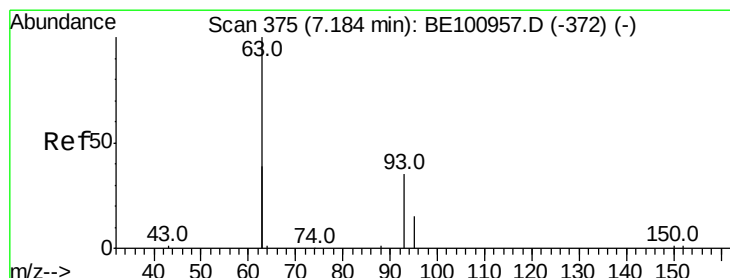
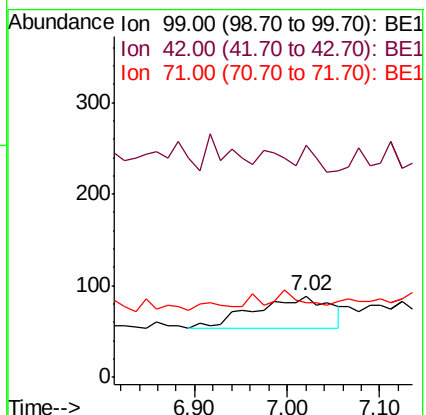
Tot Ion: 99 Resp: 204

Ion Ratio Lower Upper

99 100

42 15.2 10.2 15.2

71 0.0 0.0 0.0



#6

bis(2-Chloroethyl)ether

Concen: 0.040 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

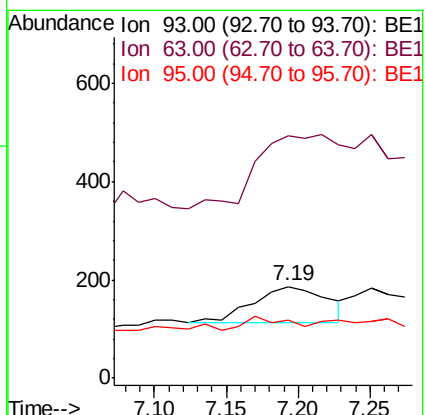
Tgt Ion: 93 Resp: 255

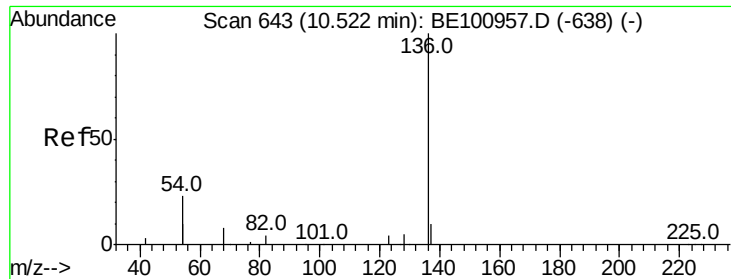
Ion Ratio Lower Upper

93 100

63 0.0 209.4 314.2#

95 0.0 28.6 42.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9426

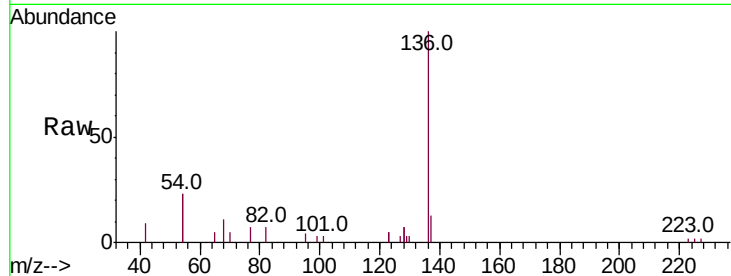
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 45.9 36.2 54.4

68 10.6 8.4 12.6

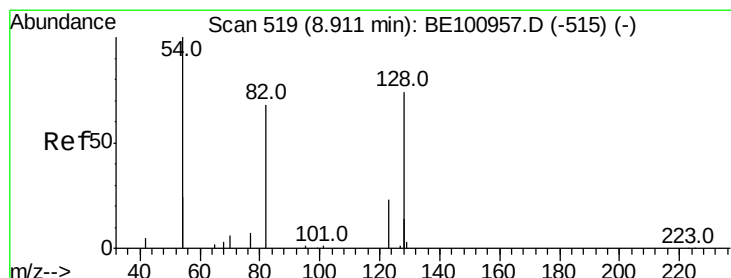
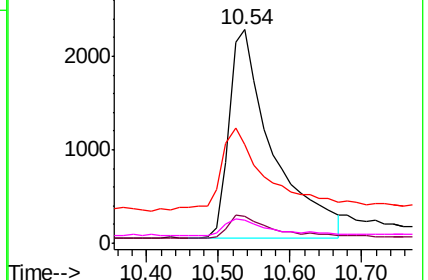
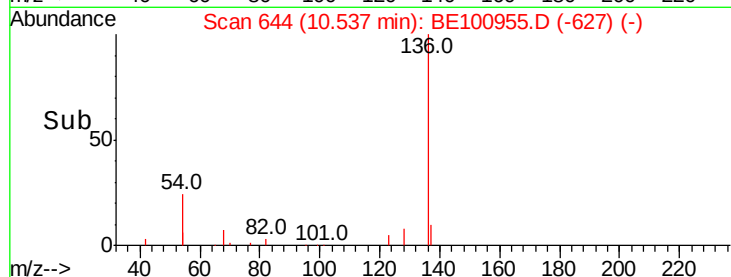


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.077 ng

RT: 8.95 min Scan# 522

Delta R.T. 0.04 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

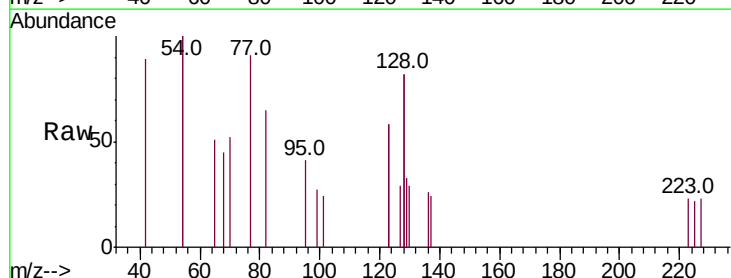
Tgt Ion: 82 Resp: 347

Ion Ratio Lower Upper

82 100

128 253.8 135.0 202.6#

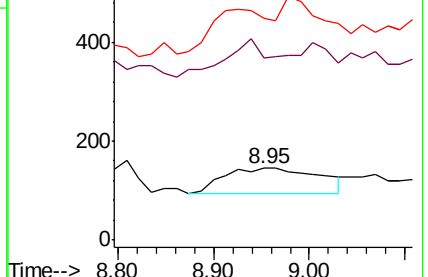
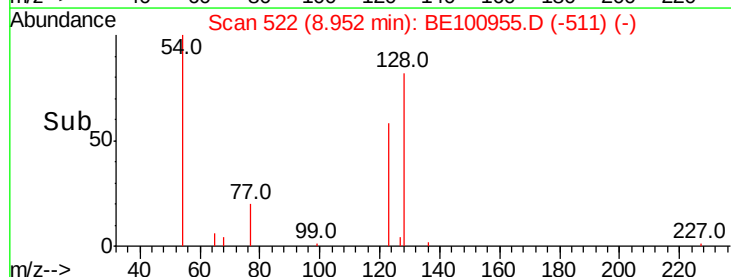
54 309.0 182.6 274.0#

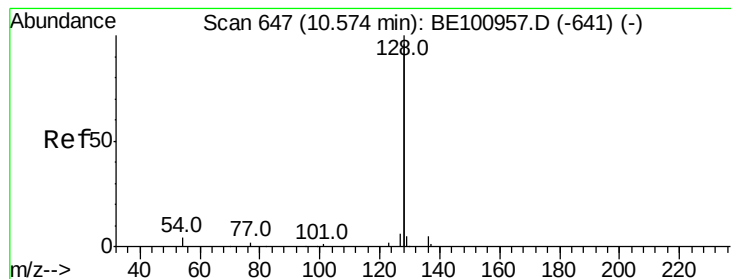


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.102 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

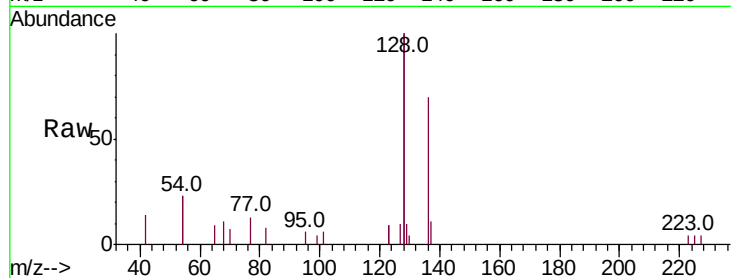
Tot Ion:128 Resp: 10207

Ion Ratio Lower Upper

128 100

129 5.0 2.5 3.7#

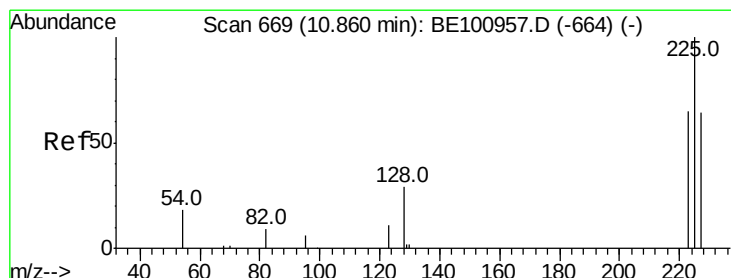
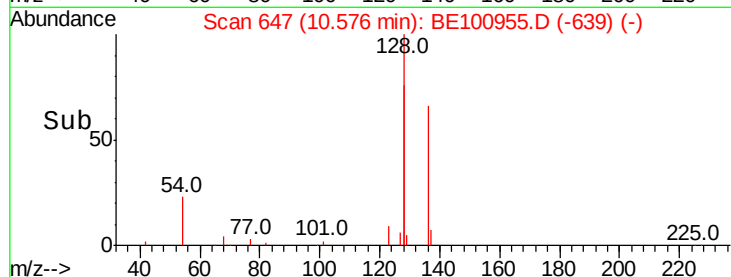
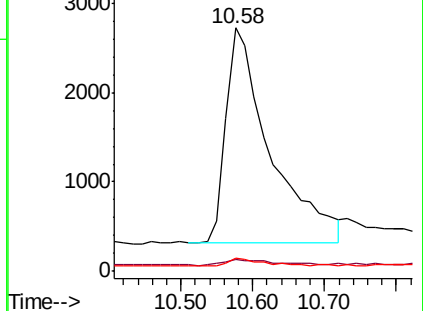
127 5.2 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.126 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

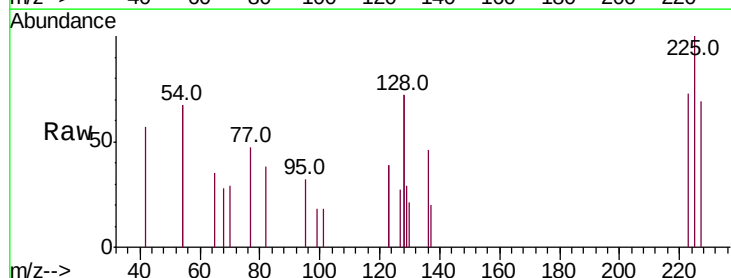
Tgt Ion:225 Resp: 494

Ion Ratio Lower Upper

225 100

223 66.2 49.4 74.2

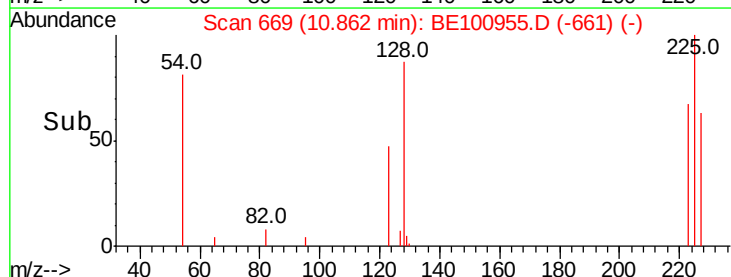
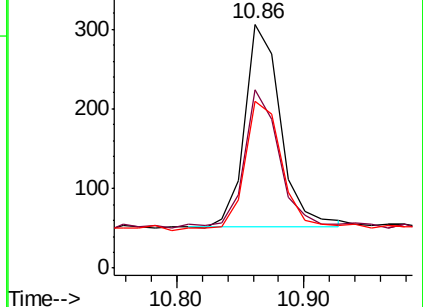
227 67.2 50.3 75.5

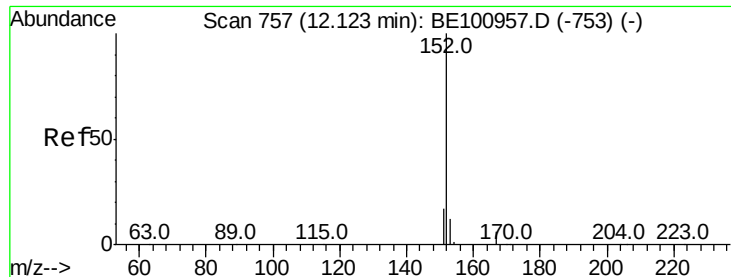


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.103 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

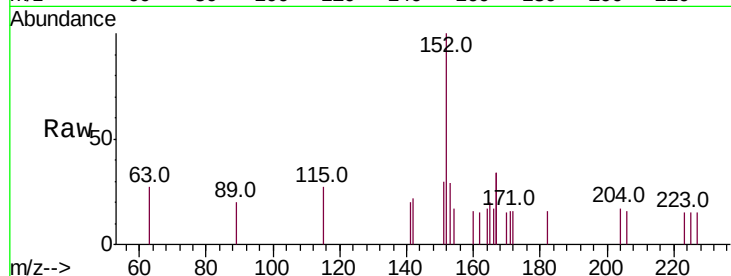
ClientSampleId :

Tot Ion:152 Resp: 1401

Ion Ratio Lower Upper

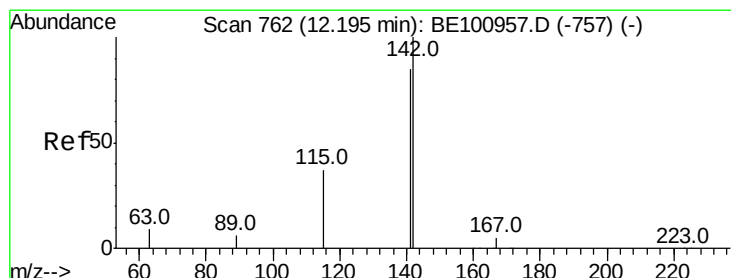
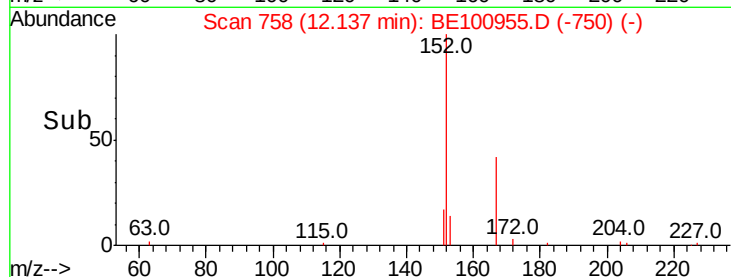
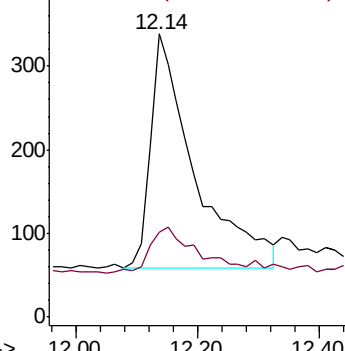
152 100

151 19.2 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.073 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

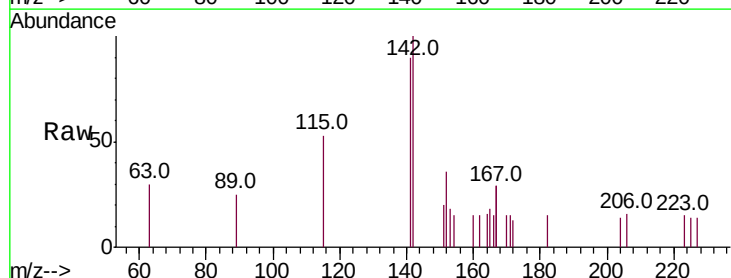
Tgt Ion:142 Resp: 1143

Ion Ratio Lower Upper

142 100

141 89.5 67.8 101.8

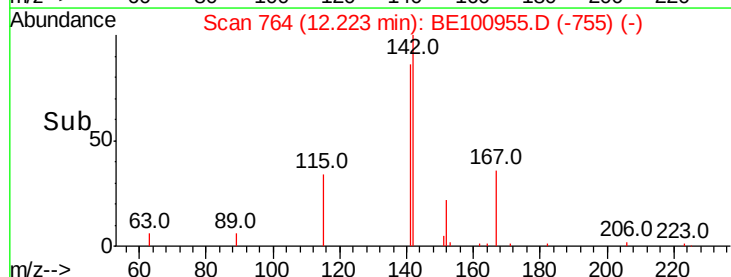
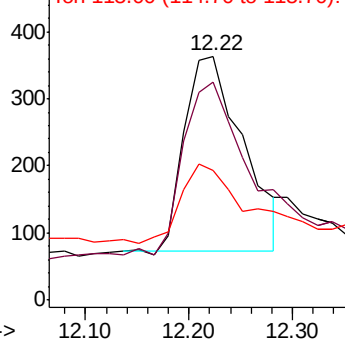
115 53.4 31.7 47.5#

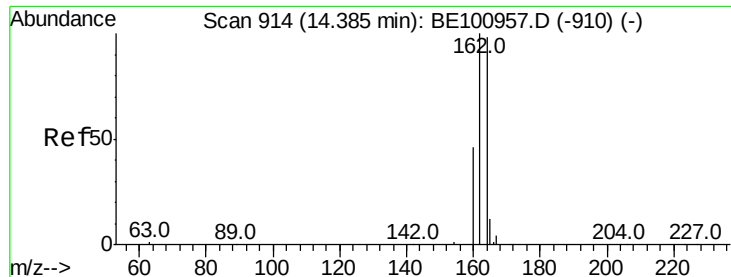


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

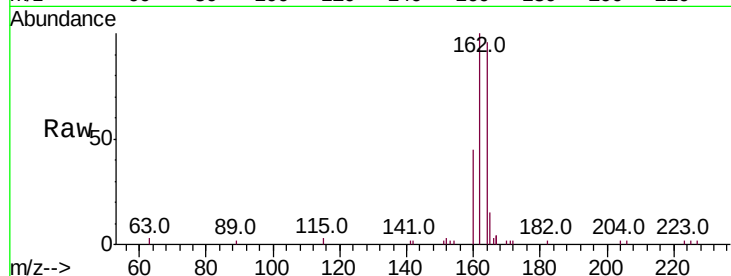
Tot Ion:164 Resp: 6480

Ion Ratio Lower Upper

164 100

162 104.5 81.6 122.4

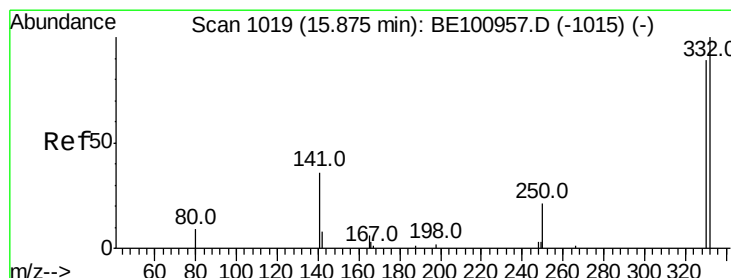
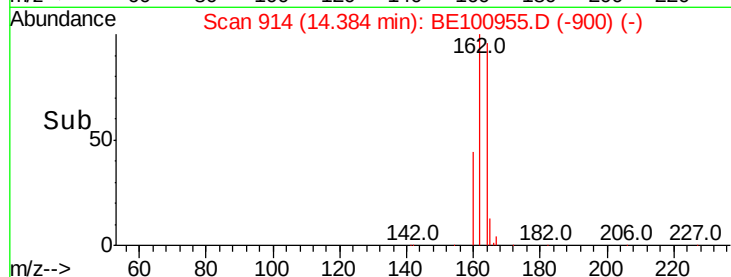
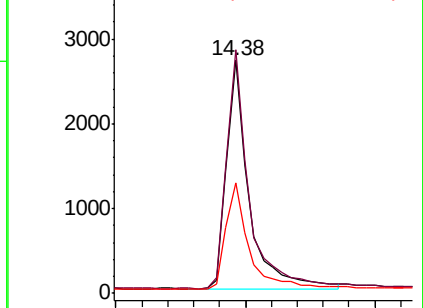
160 47.4 38.5 57.7



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: 0.150 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

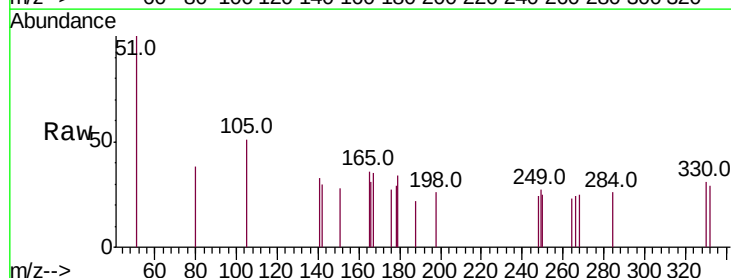
Tgt Ion:330 Resp: 108

Ion Ratio Lower Upper

330 100

332 58.3 84.2 126.2#

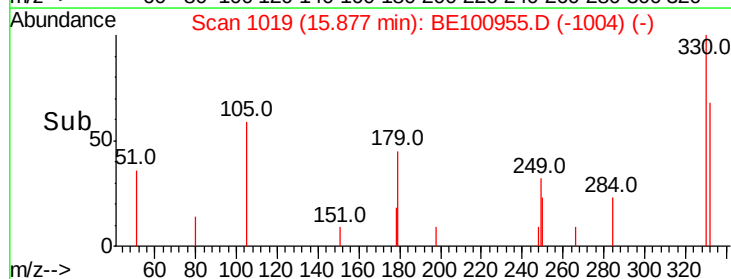
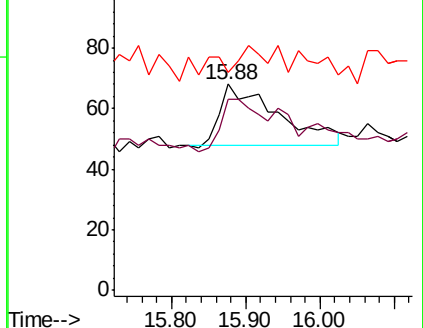
141 0.0 39.3 58.9#

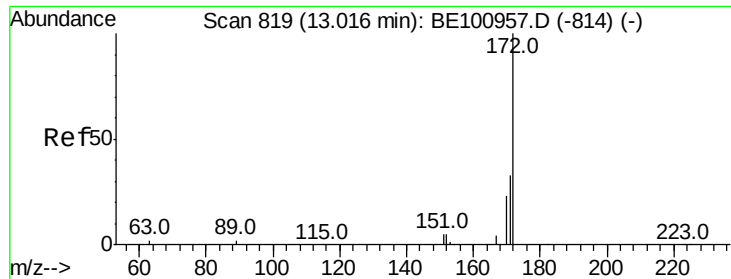


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

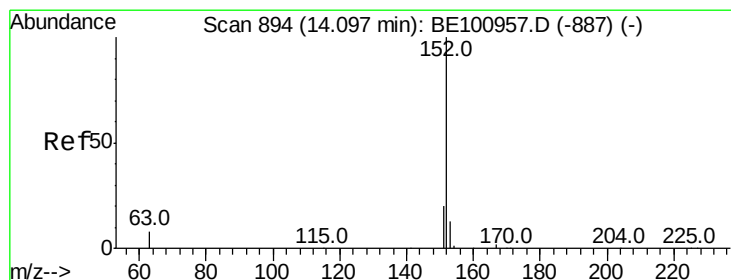
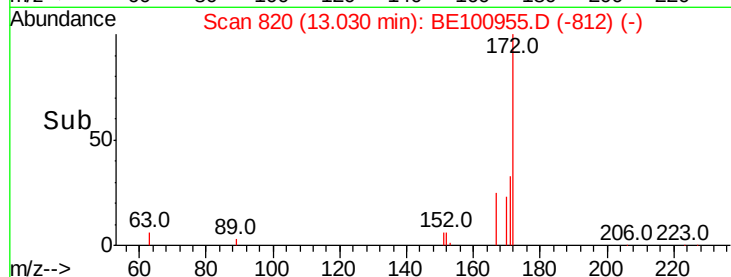
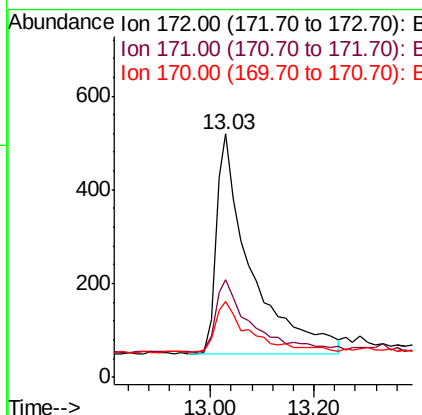
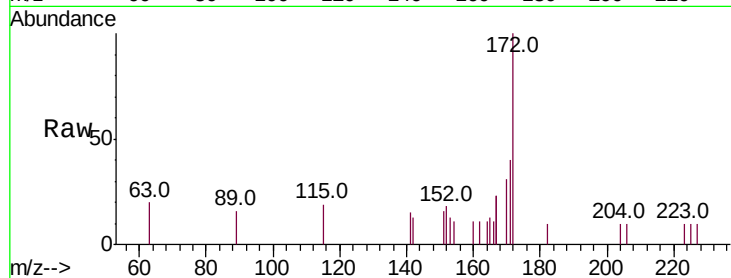




#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.01 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

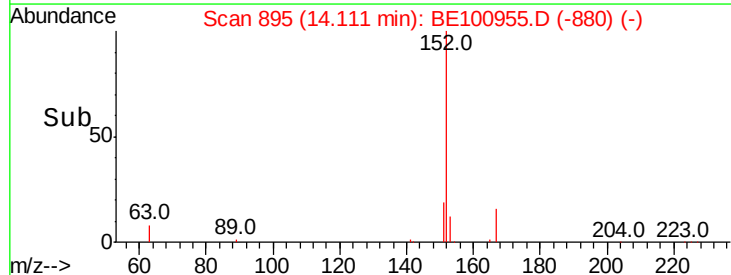
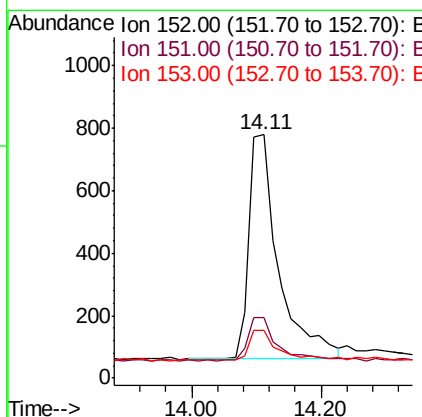
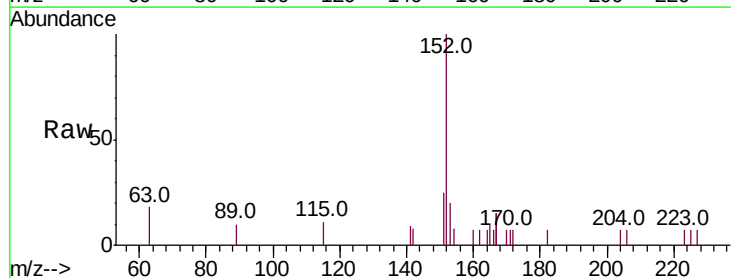
Instrument :
BNA_E
ClientSampleId :

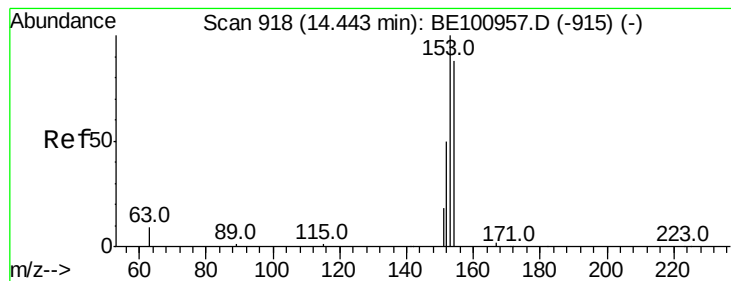
Tot Ion:172 Resp: 2153
Ion Ratio Lower Upper
172 100
171 39.9 27.5 41.3
170 31.4 19.8 29.6#



#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.01 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Tgt Ion:152 Resp: 2286
Ion Ratio Lower Upper
152 100
151 20.8 15.0 22.4
153 13.9 10.6 16.0





#17

Acenaphthene

Concen: 0.091 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

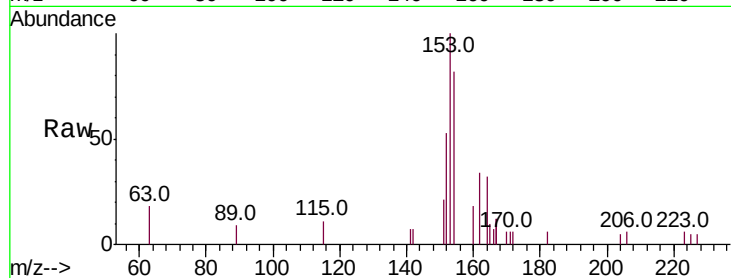
Tot Ion:154 Resp: 1682

Ion Ratio Lower Upper

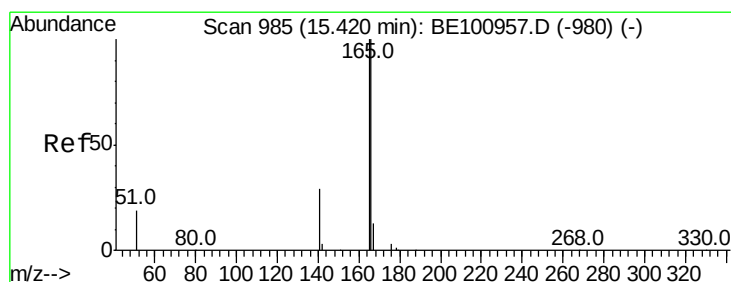
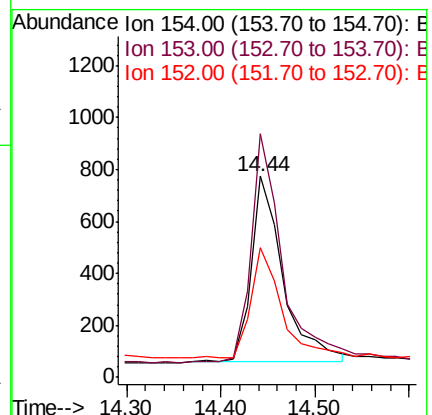
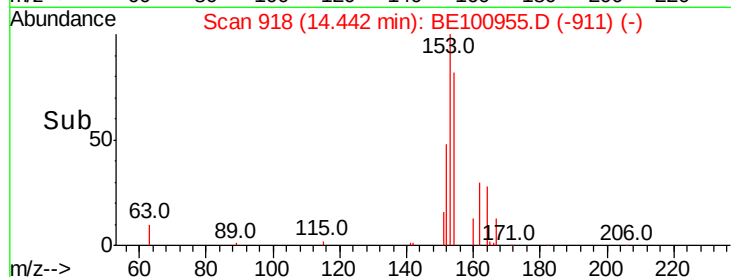
154 100

153 121.0 92.3 138.5

152 58.2 46.4 69.6



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: 0.084 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

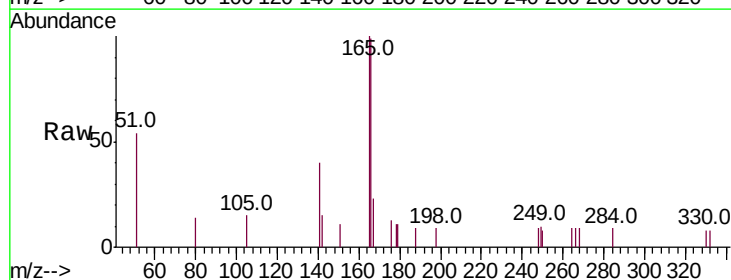
Tgt Ion:166 Resp: 2008

Ion Ratio Lower Upper

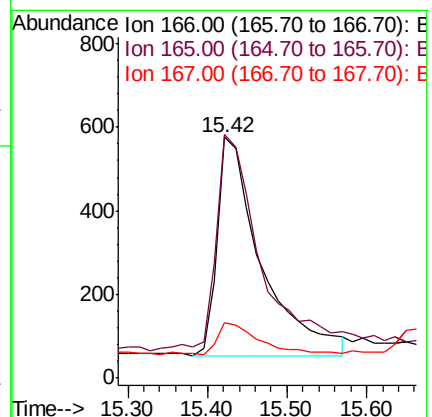
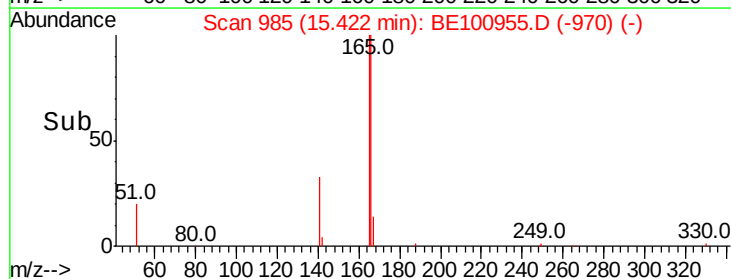
166 100

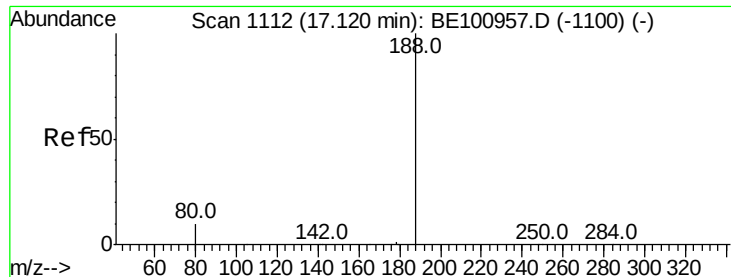
165 99.8 79.0 118.4

167 12.6 10.6 16.0



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: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampled :

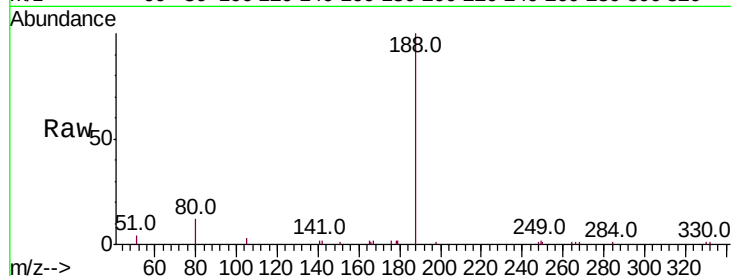
Tot Ion:188 Resp: 13836

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

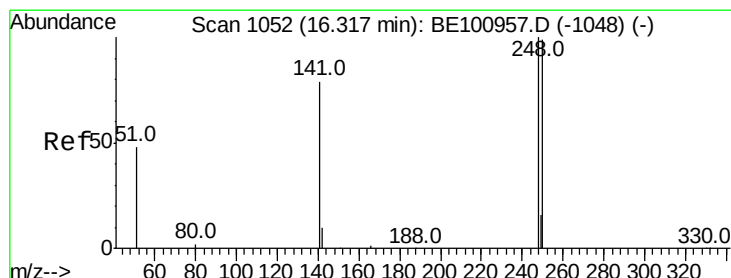
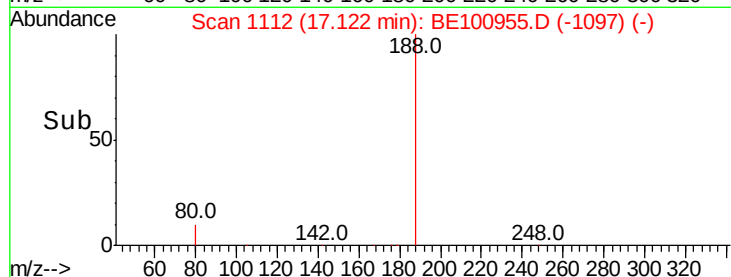
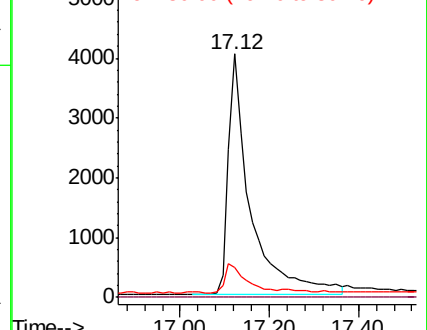
80 12.2 9.5 14.3



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: 0.087 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

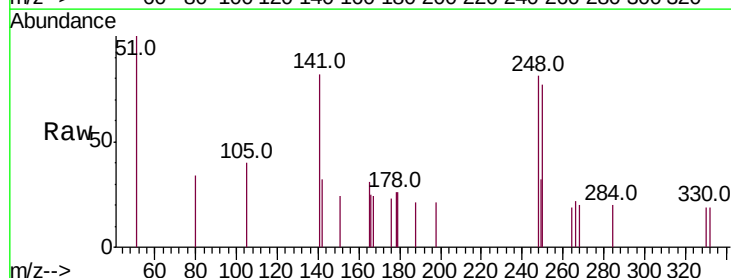
Tgt Ion:248 Resp: 590

Ion Ratio Lower Upper

248 100

250 95.1 79.5 119.3

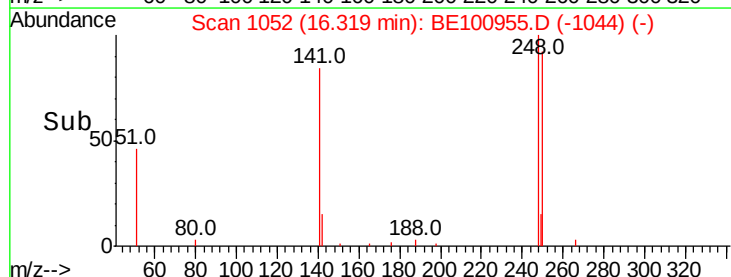
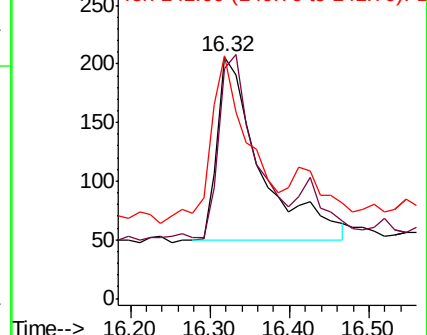
141 100.5 66.6 100.0#

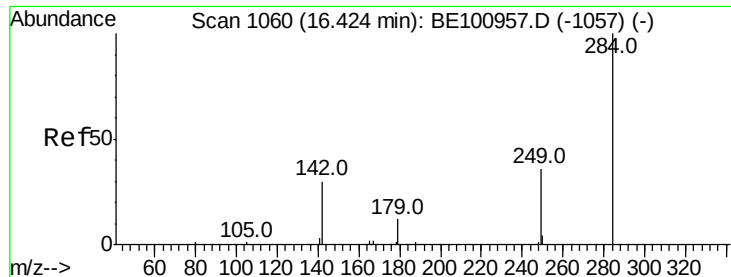


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.098 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

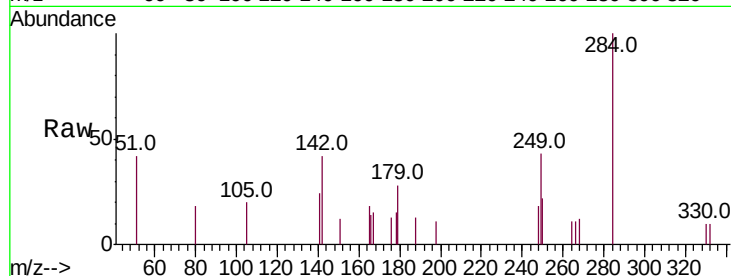
Tot Ion:284 Resp: 722

Ion Ratio Lower Upper

284 100

142 41.7 33.8 50.6

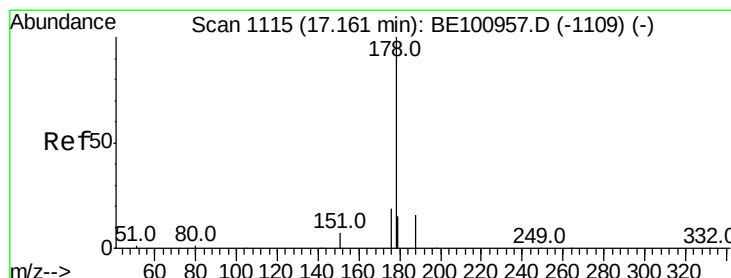
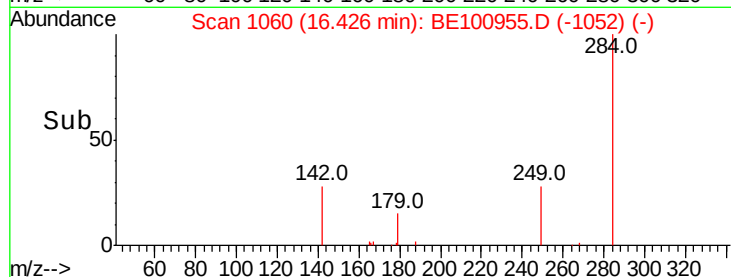
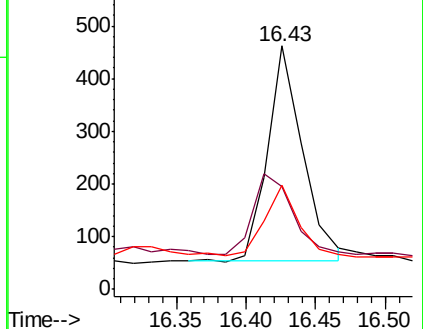
249 31.3 26.7 40.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23

Phenanthrene

Concen: 0.078 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

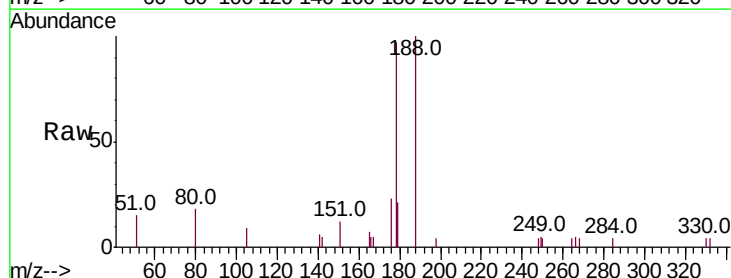
Tgt Ion:178 Resp: 3263

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

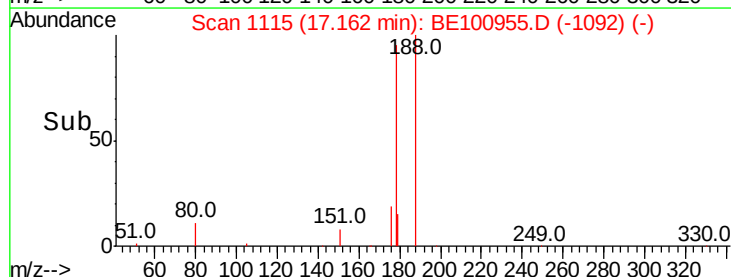
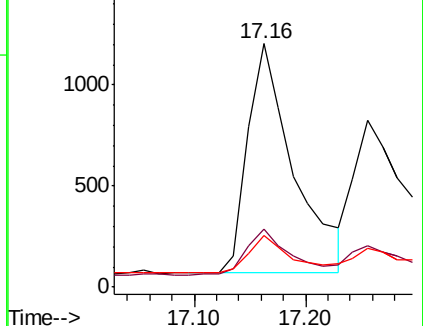
179 14.4 12.5 18.7

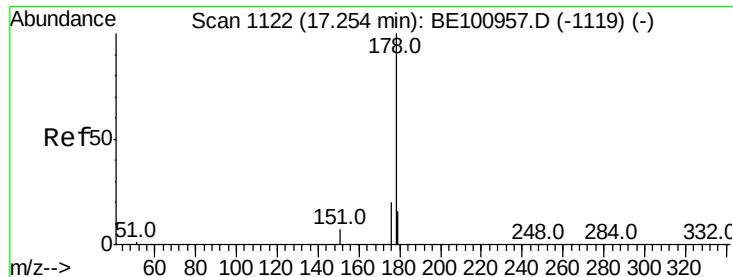


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.044 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampled :

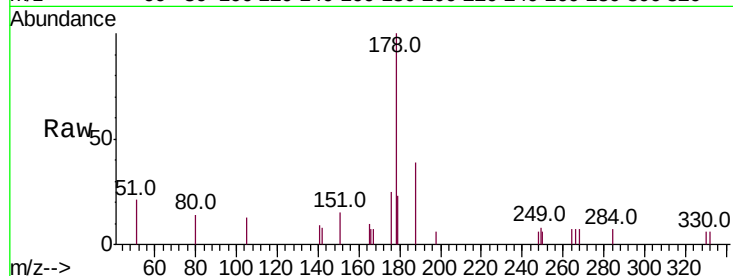
Tot Ion:178 Resp: 1542

Ion Ratio Lower Upper

178 100

176 22.4 15.7 23.5

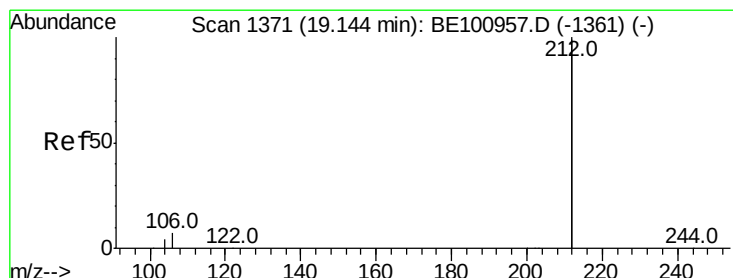
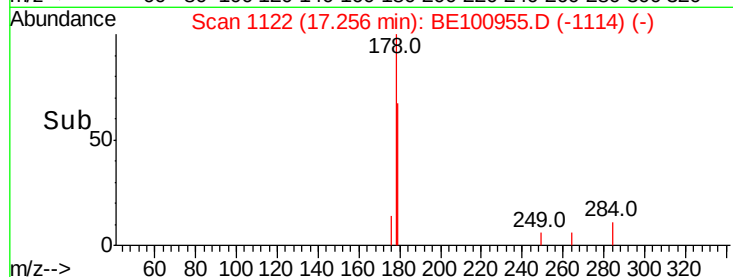
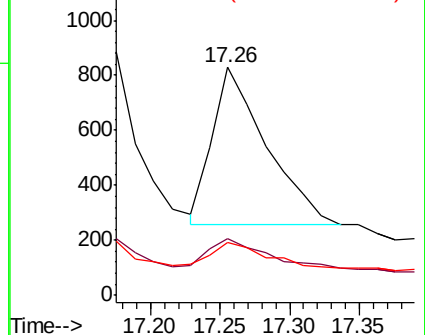
179 16.6 12.0 18.0



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



#25

Fluoranthene-d10

Concen: 0.099 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

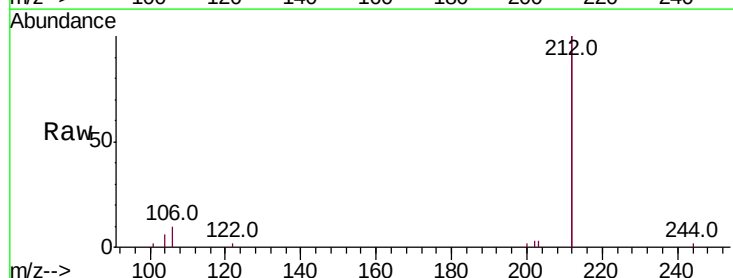
Tgt Ion:212 Resp: 16137

Ion Ratio Lower Upper

212 100

106 3.5 2.6 3.8

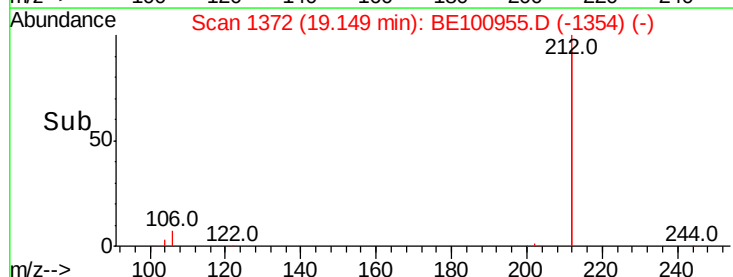
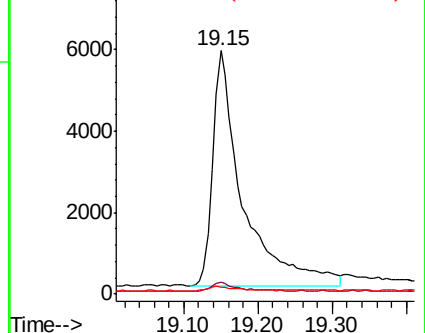
104 1.8 1.4 2.2

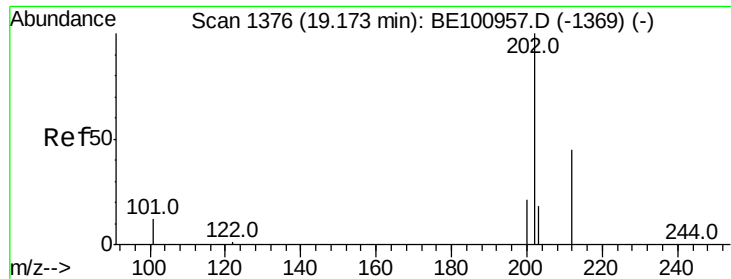


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

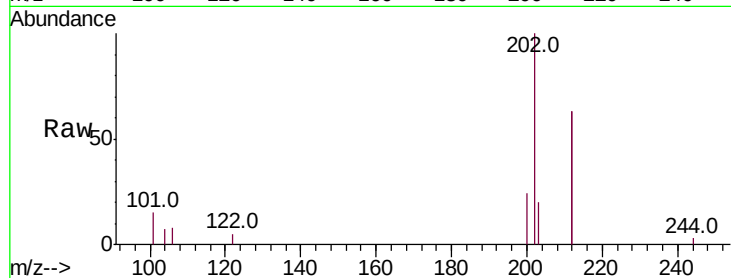




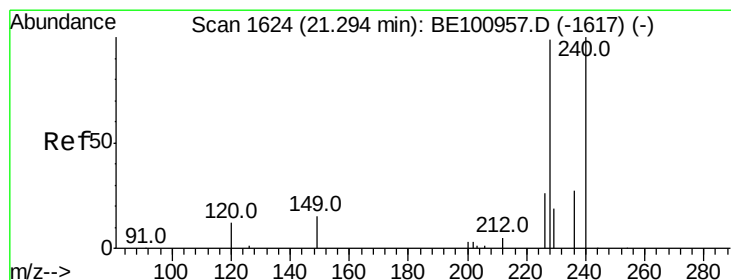
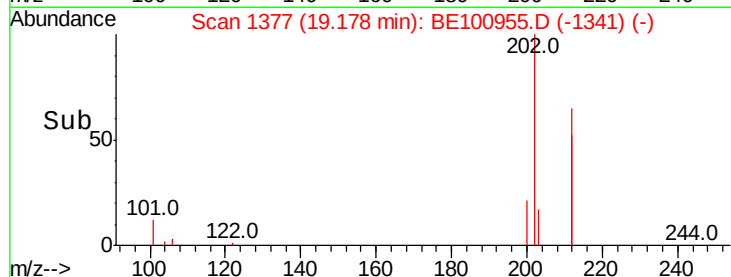
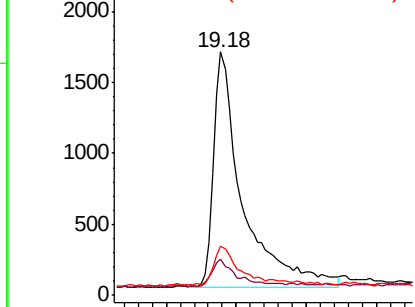
#26
 Fluoranthene
 Concen: 0.095 ng
 RT: 19.18 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BE100955.D
 Acq: 19 Dec 2019 20:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:202 Resp: 4746
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.0 13.6
 203 15.3 13.4 20.0

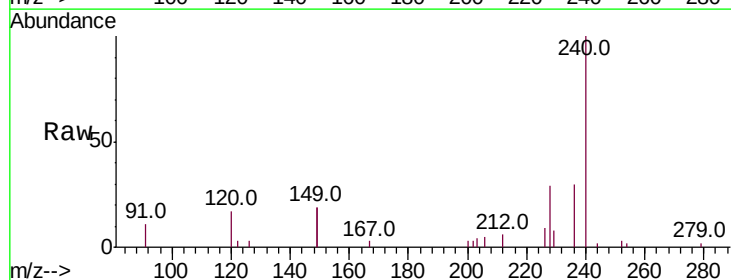


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

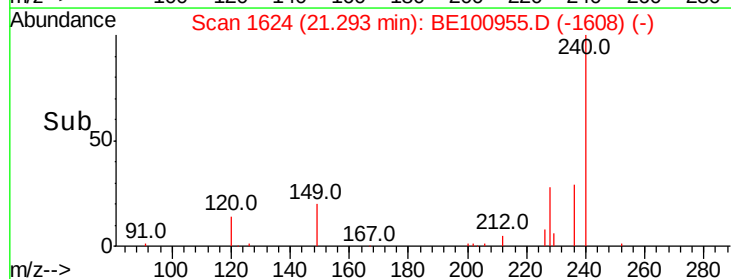
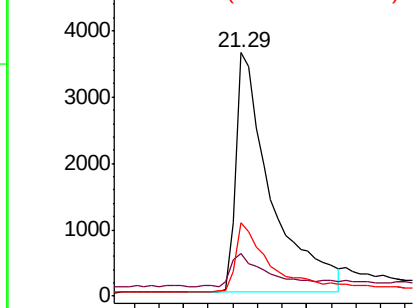


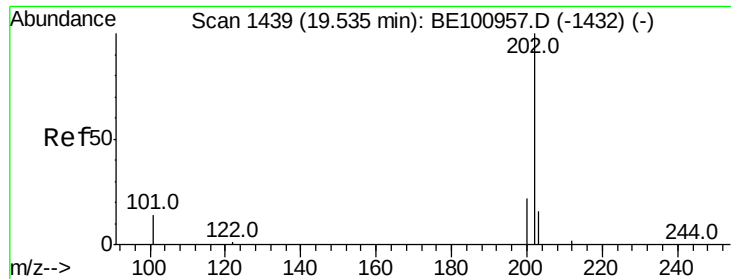
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100955.D
 Acq: 19 Dec 2019 20:52

Tgt Ion:240 Resp: 14271
 Ion Ratio Lower Upper
 240 100
 120 17.4 11.5 17.3#
 236 30.4 22.8 34.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

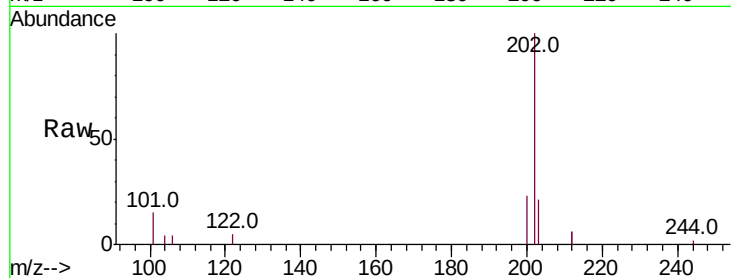




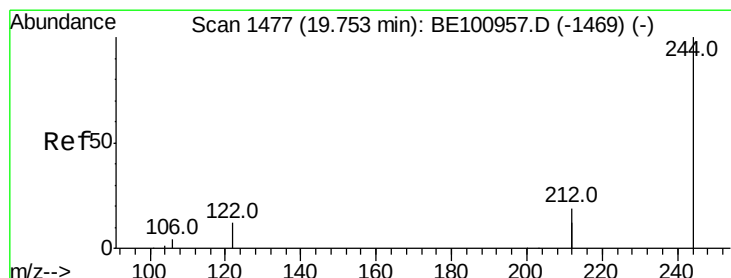
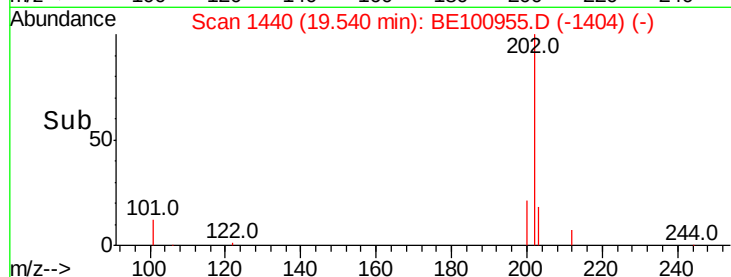
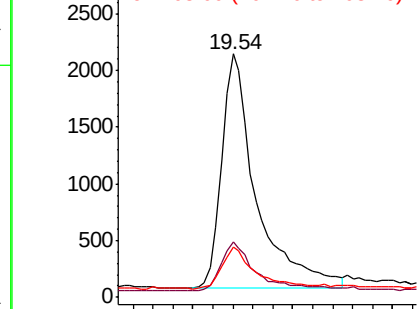
#28
Pvrene
Concen: 0.108 ng
RT: 19.54 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 4988
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 17.2 13.8 20.8

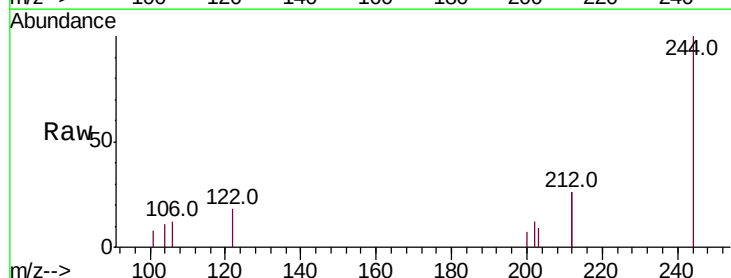


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

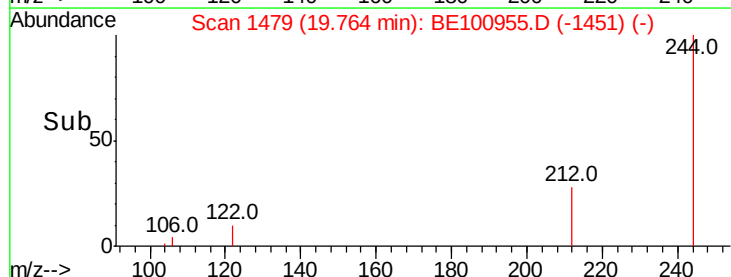
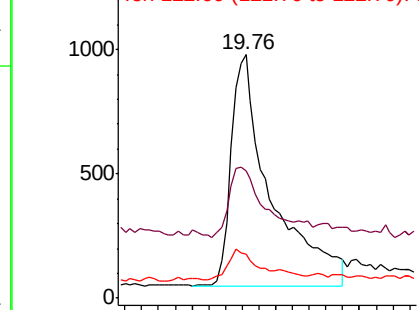


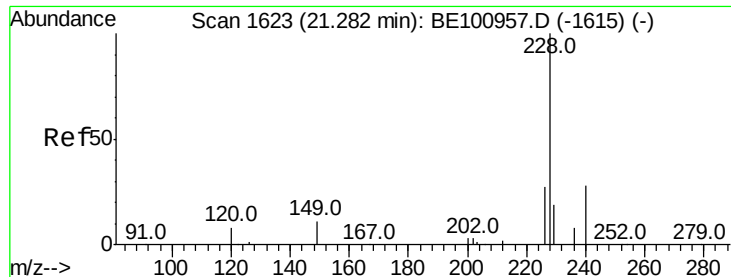
#29
Terphenyl-d14
Concen: 0.090 ng
RT: 19.76 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Tgt Ion:244 Resp: 3092
Ion Ratio Lower Upper
244 100
212 52.1 30.2 45.2#
122 18.0 10.7 16.1#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

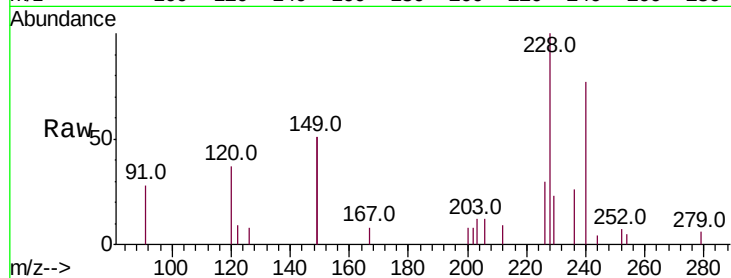




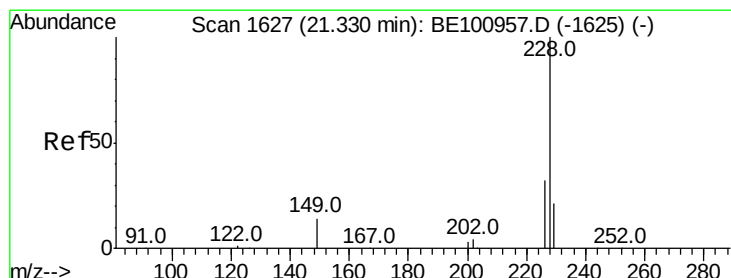
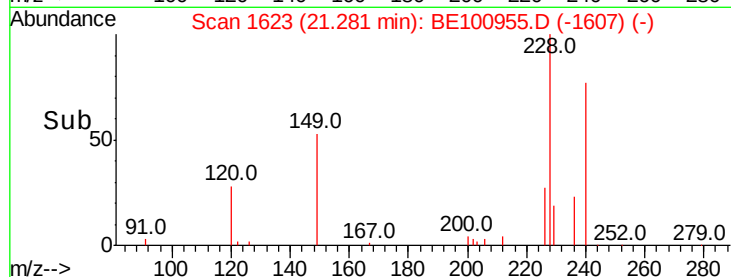
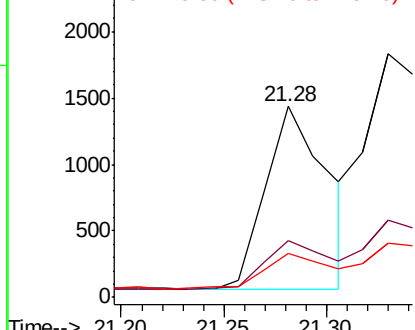
#30
Benzo(a)anthracene
Concen: 0.069 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 2892
Ion Ratio Lower Upper
228 100
226 30.0 21.9 32.9
229 22.8 15.9 23.9

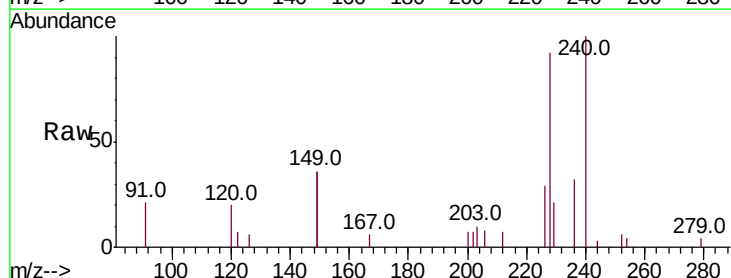


Abundance Ion 228.00 (227.70 to 228.70): E
2500 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

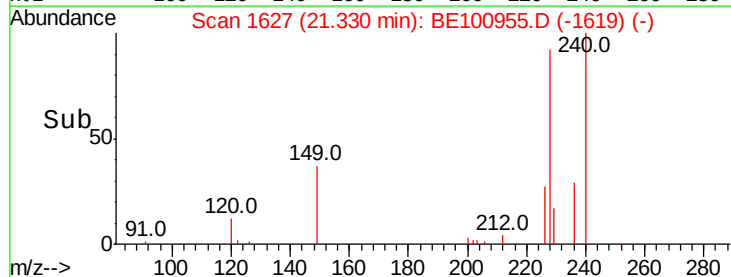
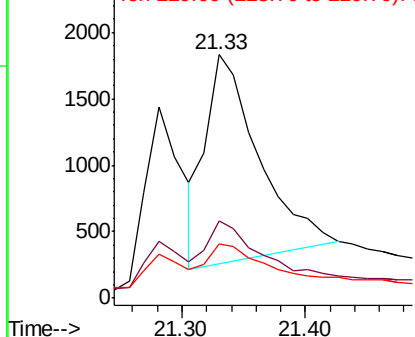


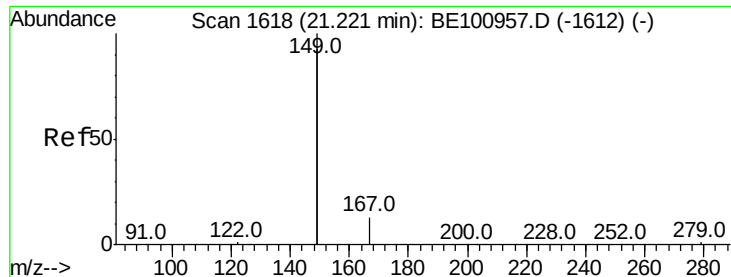
#31
Chrysene
Concen: 0.096 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Tgt Ion:228 Resp: 4747
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.4
229 22.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E
2500 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.377 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

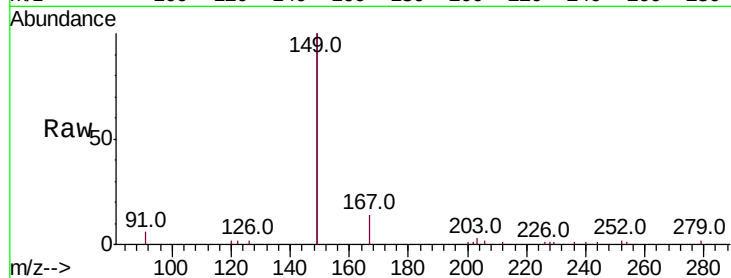
Tot Ion:149 Resp: 14391

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

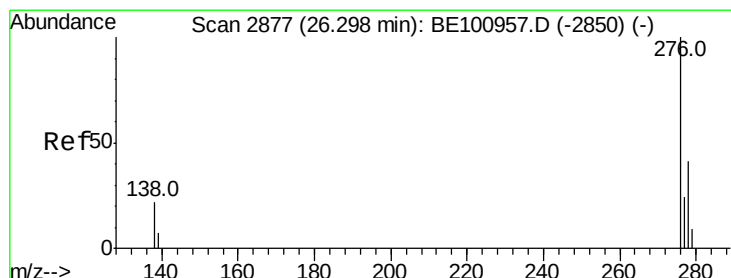
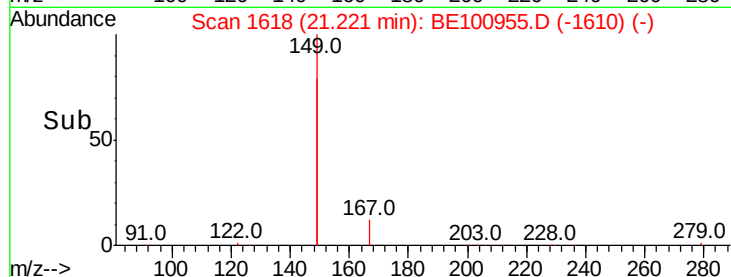
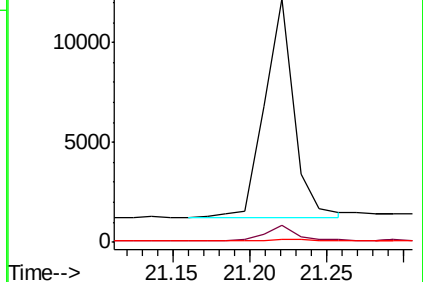
279 0.7 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.082 ng

RT: 26.31 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

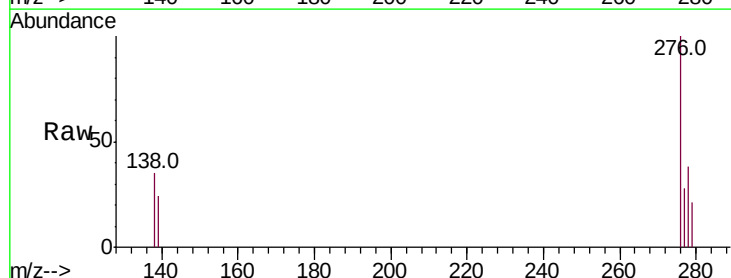
Tgt Ion:276 Resp: 3517

Ion Ratio Lower Upper

276 100

138 17.0 9.0 13.4#

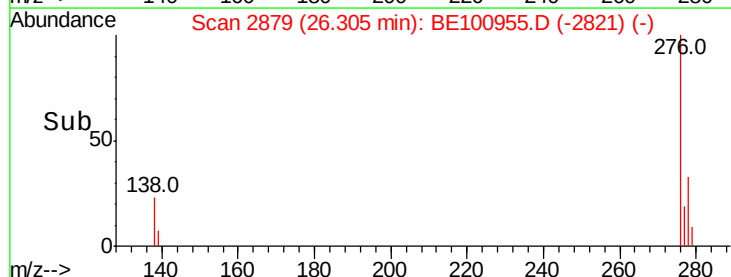
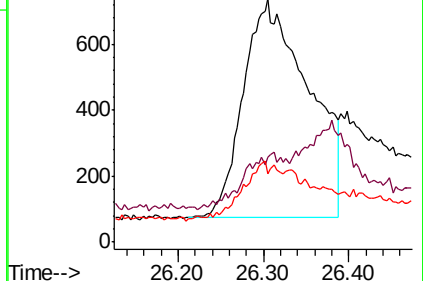
277 9.5 5.9 8.9#

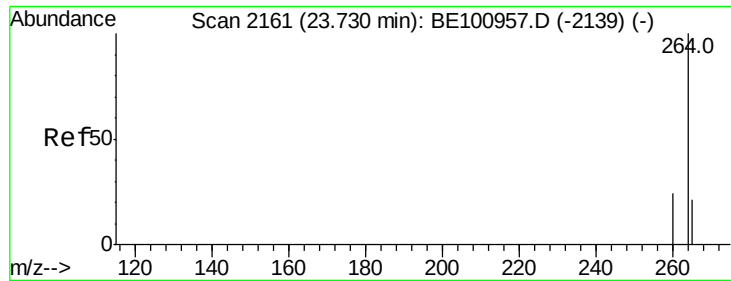


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



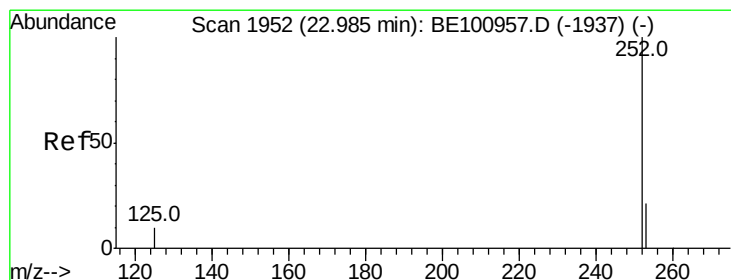
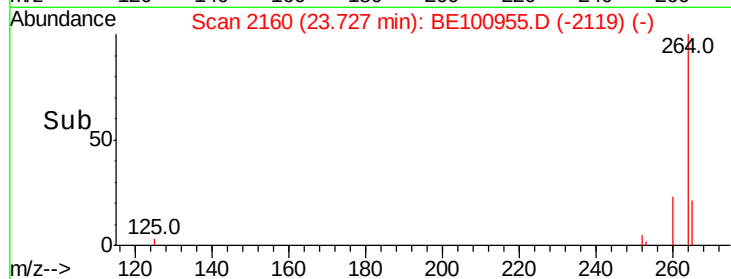
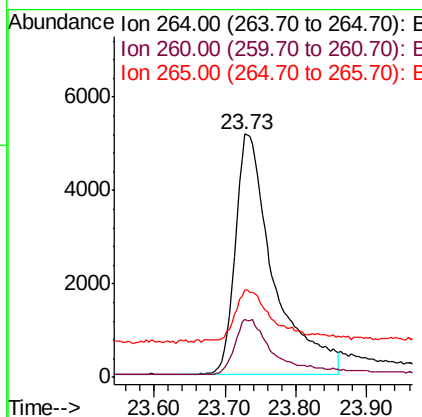
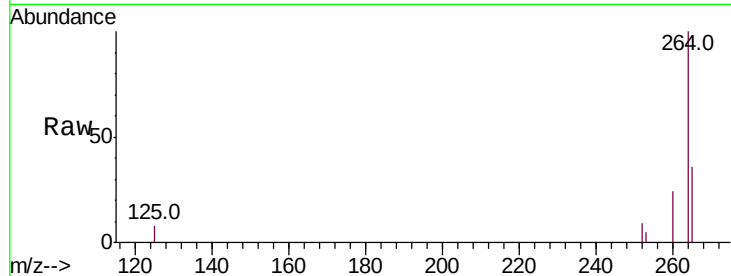


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 19366

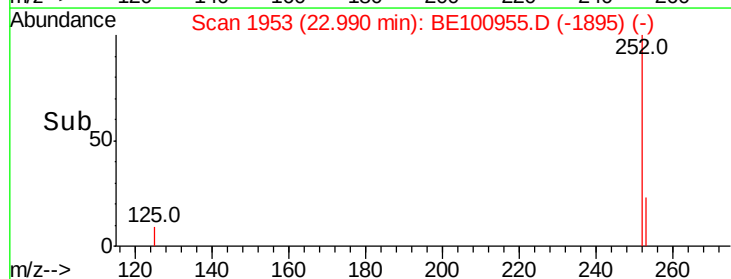
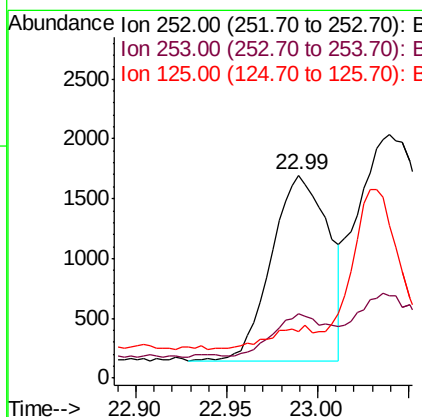
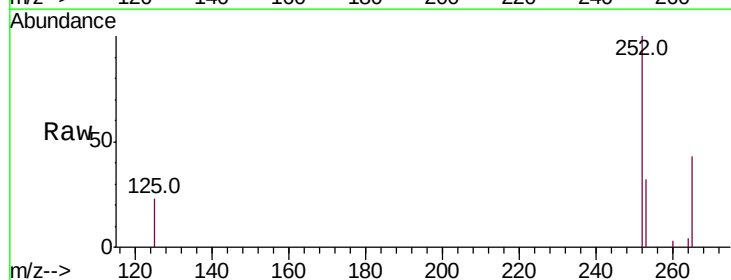
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	35.8	26.4	39.6

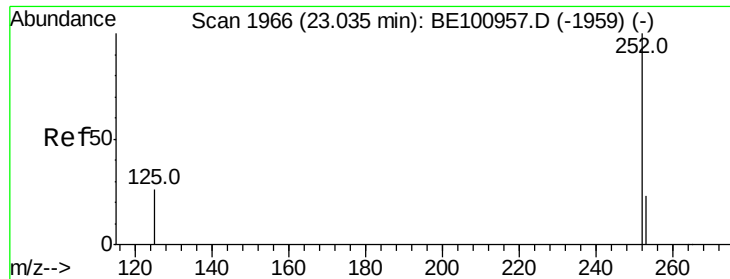


#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 22.99 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Tgt Ion:252 Resp: 3367

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.6	27.8#
125	23.1	10.2	15.2#

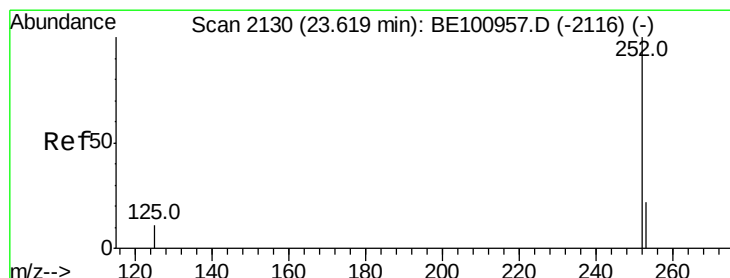
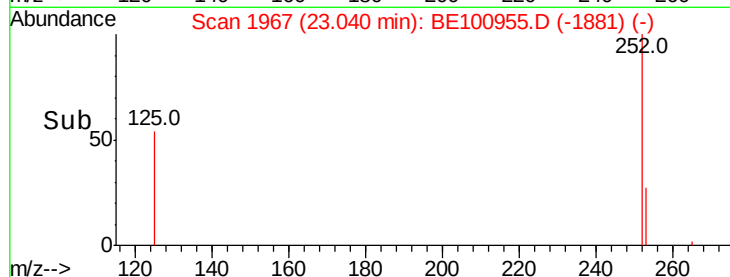
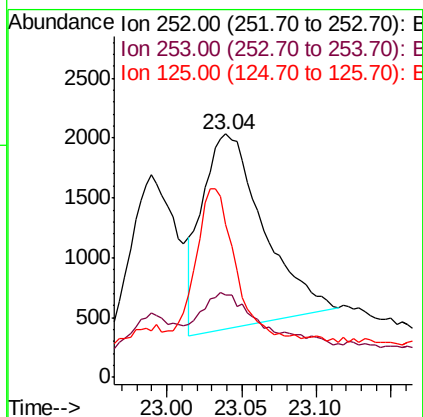
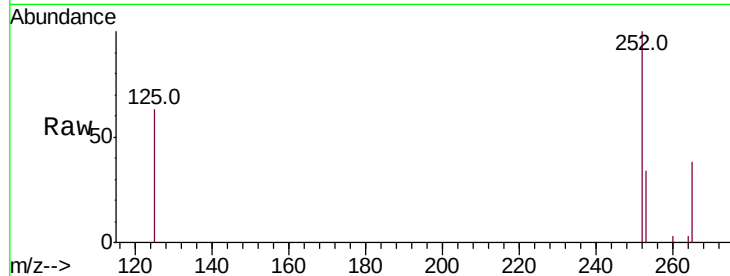




#36
Benzo(k)fluoranthene
Concen: 0.078 ng
RT: 23.04 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

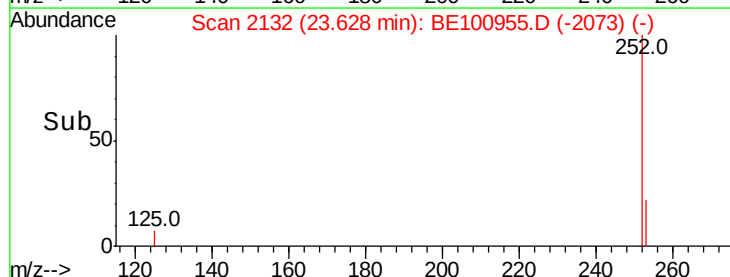
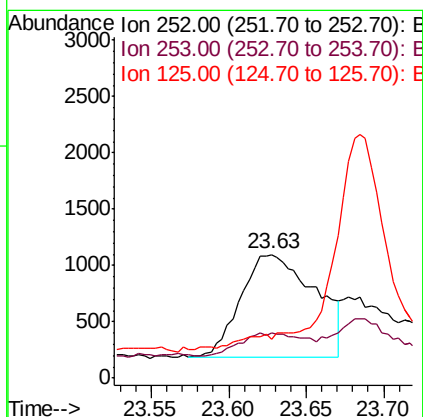
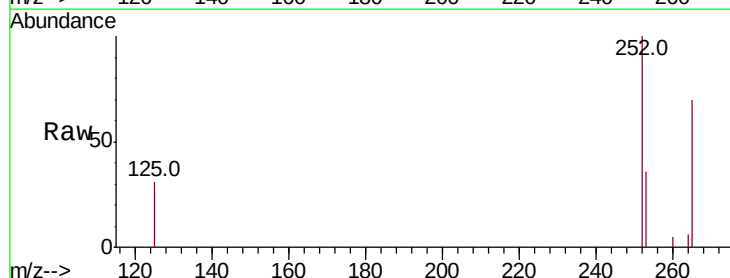
Instrument :
BNA_E
ClientSampled :

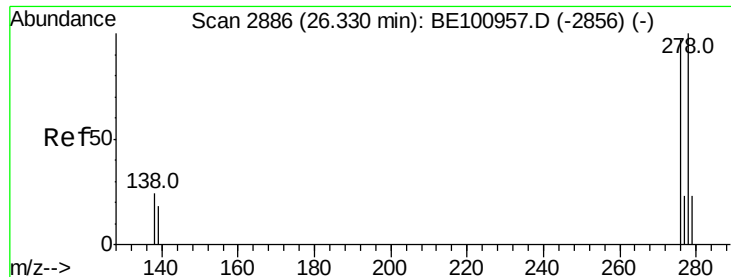
Tot Ion:252 Resp: 4645
Ion Ratio Lower Upper
252 100
253 33.8 19.2 28.8#
125 63.0 17.9 26.9#



#37
Benzo(a)pyrene
Concen: 0.067 ng
RT: 23.63 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BE100955.D
Acq: 19 Dec 2019 20:52

Tgt Ion:252 Resp: 3056
Ion Ratio Lower Upper
252 100
253 36.2 19.9 29.9#
125 30.9 12.3 18.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 26.33 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

Instrument :

BNA_E

ClientSampleId :

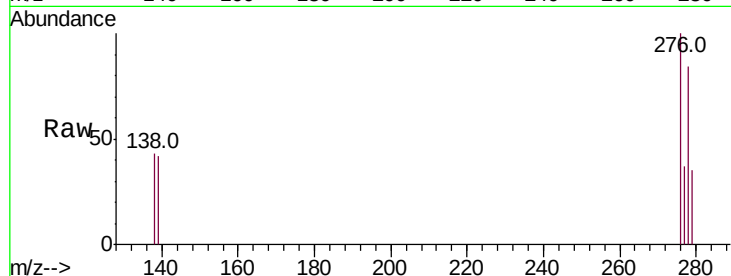
Tot Ion:278 Resp: 924

Ion Ratio Lower Upper

278 100

139 50.1 17.0 25.6#

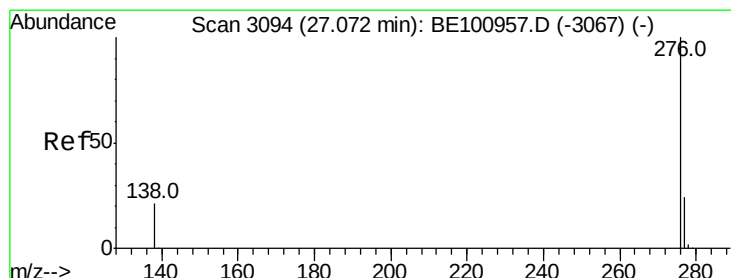
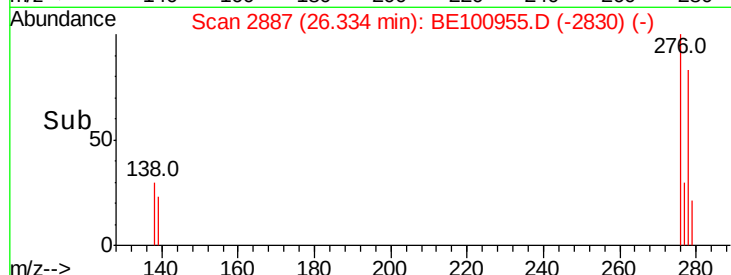
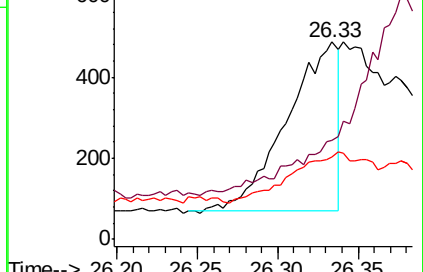
279 41.5 21.1 31.7#



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: 0.092 ng

RT: 27.08 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BE100955.D

Acq: 19 Dec 2019 20:52

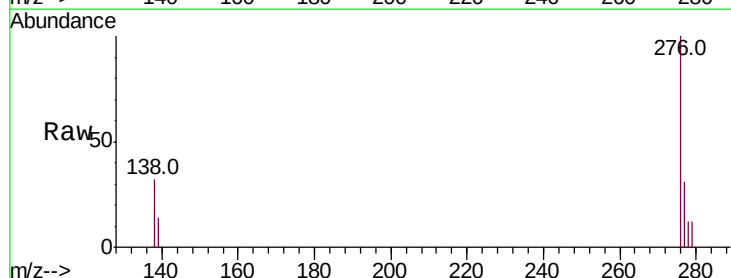
Tgt Ion:276 Resp: 4488

Ion Ratio Lower Upper

276 100

277 30.6 19.9 29.9#

138 32.1 18.4 27.6#



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

