

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100180.D
 Acq On : 25 Jun 2019 13:36
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 25 14:21:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	449	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	1536	0.40	ng	-0.01
13) Acenaphthene-d10	14.34	164	1161	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	3547	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6127	0.40	ng	0.00
34) Perylene-d12	23.73	264	7328	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	5657	5.35	ng	0.00
5) Phenol-d6	6.83	99	7444	5.74	ng	-0.04
8) Nitrobenzene-d5	8.82	82	8668	5.98	ng	-0.03
11) 2-Methylnaphthalene-d10	12.07	152	14679	5.12	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	4203	5.28	ng	-0.01
15) 2-Fluorobiphenyl	12.96	172	22593	5.06	ng	-0.01
25) Fluoranthene-d10	19.13	212	278644	5.51	ng	0.00
29) Terphenyl-d14	19.73	244	57173	4.37	ng	0.00

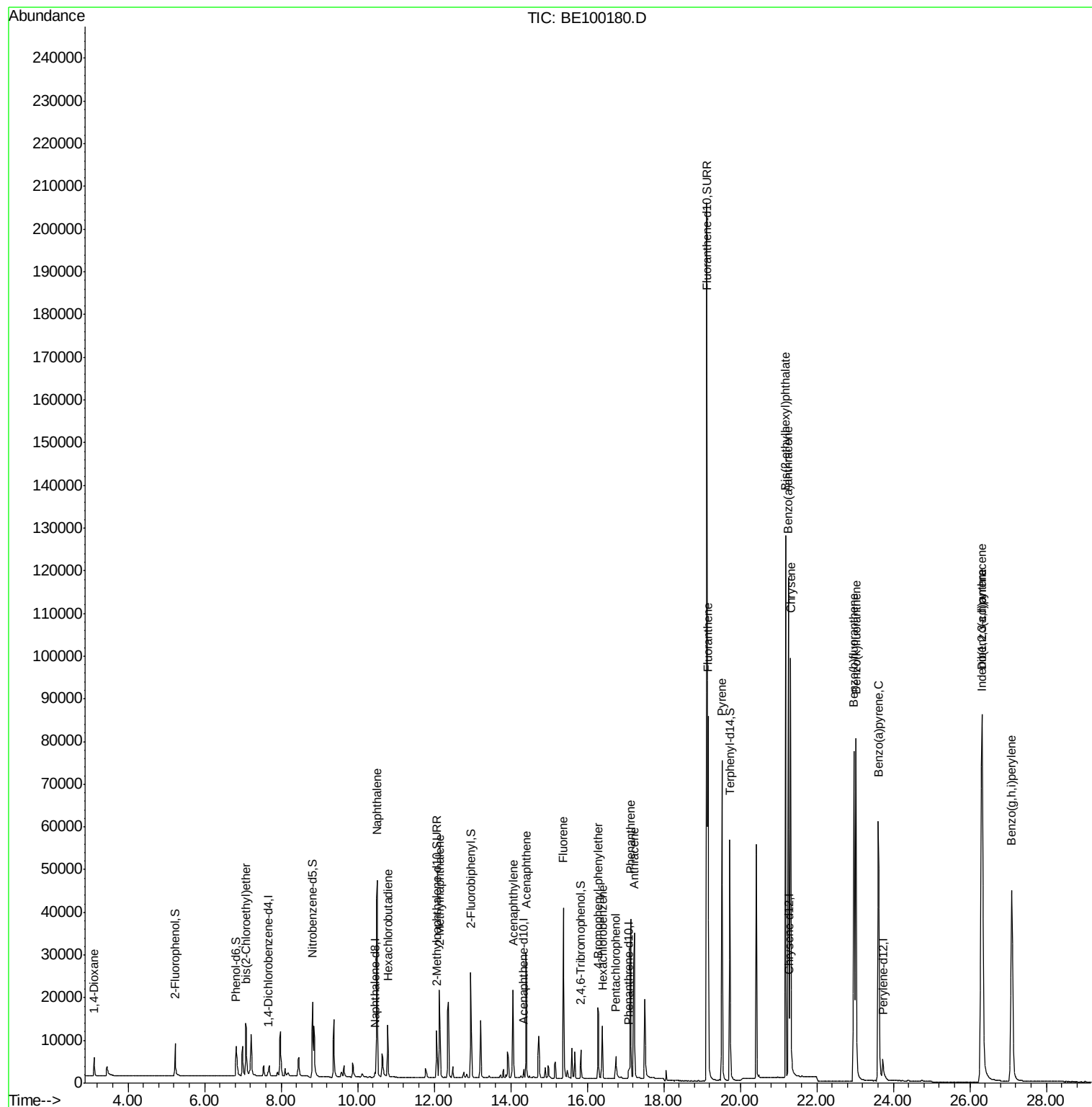
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	3354	5.259	ng	99
6) bis(2-Chloroethyl)ether	7.09	93	6659	5.503	ng	# 94
9) Naphthalene	10.51	128	83098	5.008	ng	# 95
10) Hexachlorobutadiene	10.78	225	8172	5.152	ng	100
12) 2-Methylnaphthalene	12.14	142	14301	5.202	ng	96
16) Acenaphthylene	14.07	152	28446	5.141	ng	99
17) Acenaphthene	14.40	154	16119	5.122	ng	98
18) Fluorene	15.38	166	23423	5.089	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	11117	5.031	ng	# 82
21) Hexachlorobenzene	16.40	284	11741	5.032	ng	99
22) Pentachlorophenol	16.75	266	3954	5.811	ng	# 76
23) Phenanthrene	17.13	178	43296	5.217	ng	99
24) Anthracene	17.23	178	41937	5.673	ng	99
26) Fluoranthene	19.16	202	72890	5.461	ng	99
28) Pyrene	19.52	202	73972	4.291	ng	100
30) Benzo(a)anthracene	21.26	228	99162	5.335	ng	97
31) Chrysene	21.32	228	106679	5.194	ng	99
32) Bis(2-ethylhexyl)phthalate	21.19	149	117262	3.815	ng	100
33) Indeno(1,2,3-cd)pyrene	26.30	276	142318	6.025	ng	# 94
35) Benzo(b)fluoranthene	22.97	252	108365	5.790	ng	# 95
36) Benzo(k)fluoranthene	23.02	252	122940	5.409	ng	# 97
37) Benzo(a)pyrene	23.61	252	106691	5.486	ng	# 93
38) Dibenzo(a,h)anthracene	26.33	278	117110	5.985	ng	# 94
39) Benzo(g,h,i)perylene	27.09	276	116328	5.682	ng	97

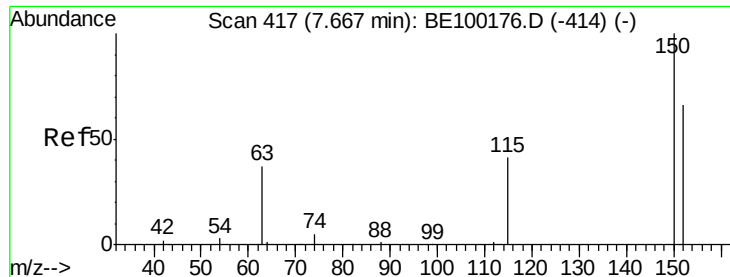
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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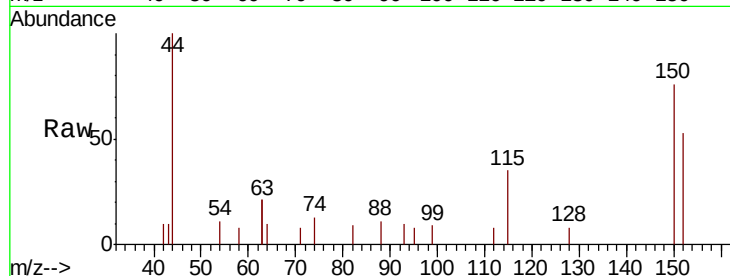


#1

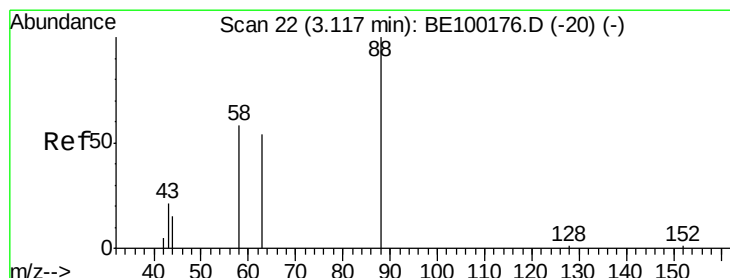
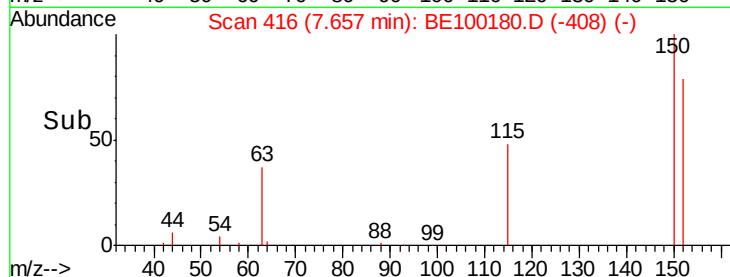
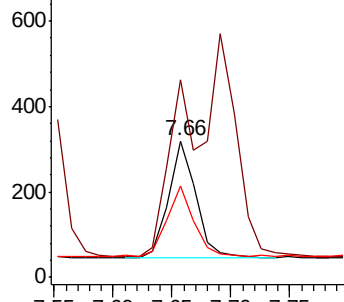
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 449
Ion Ratio Lower Upper
152 100
150 145.0 113.4 170.2
115 67.2 55.8 83.6



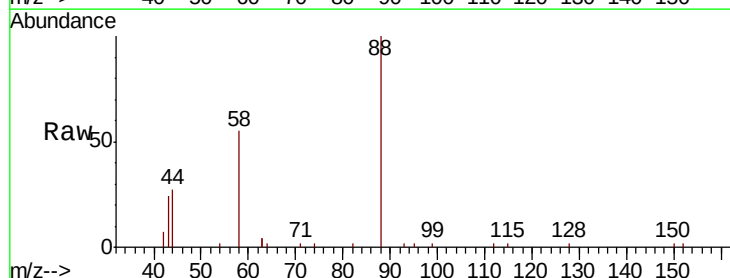
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



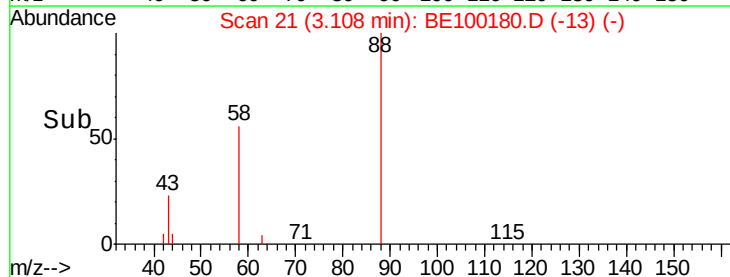
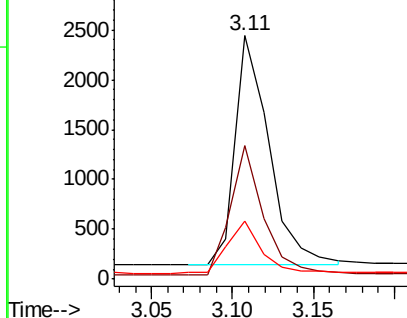
#2

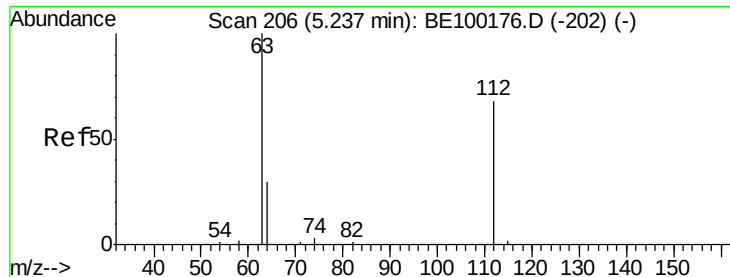
1,4-Dioxane
Concen: 5.259 ng
RT: 3.11 min Scan# 21
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion: 88 Resp: 3354
Ion Ratio Lower Upper
88 100
58 54.5 43.8 65.6
43 22.6 19.4 29.2



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 5.354 ng

RT: 5.23 min Scan# 205

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

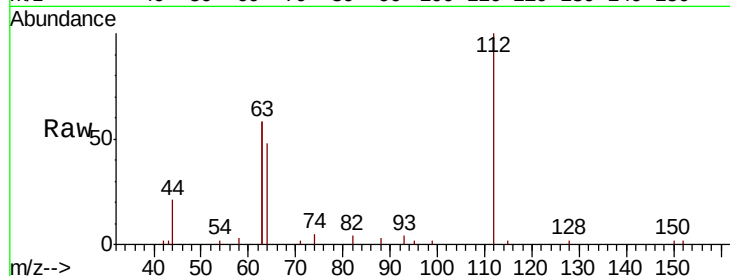
Tot Ion:112 Resp: 5657

Ion Ratio Lower Upper

112 100

64 55.3 40.7 61.1

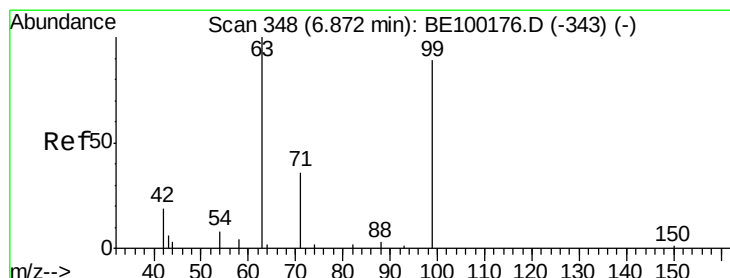
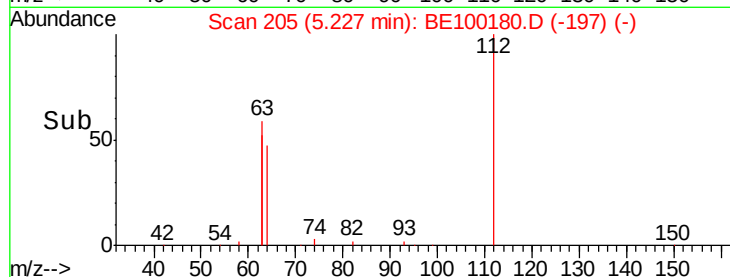
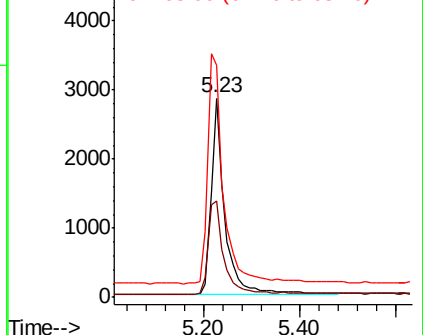
63 135.6 93.2 139.8



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: 5.738 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.04 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

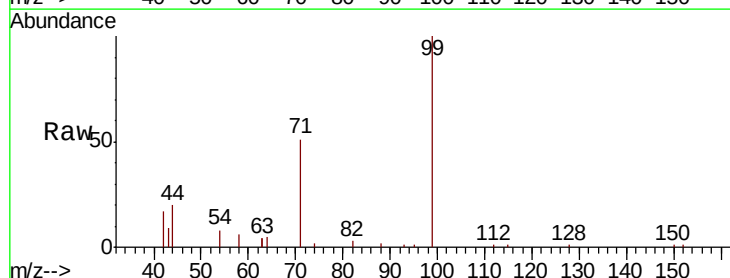
Tgt Ion: 99 Resp: 7444

Ion Ratio Lower Upper

99 100

42 16.0 10.4 15.6#

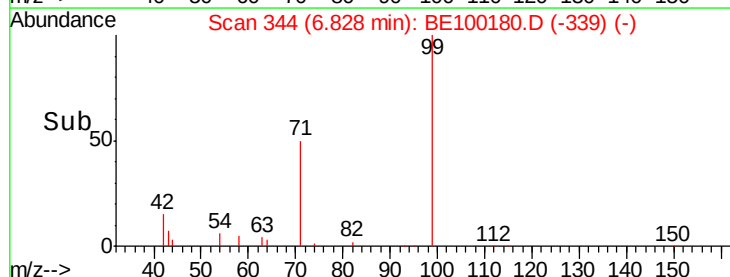
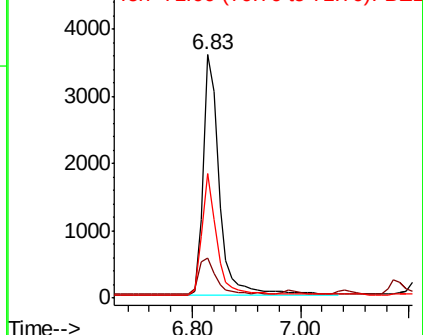
71 46.9 32.4 48.6

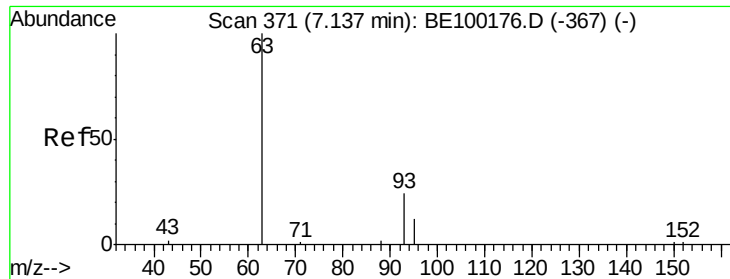


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 5.503 ng

RT: 7.09 min Scan# 367

Delta R.T. -0.04 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

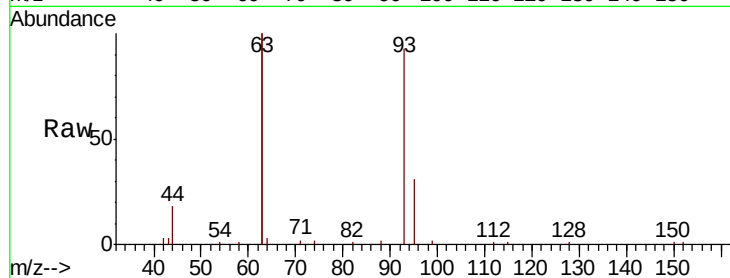
Tot Ion: 93 Resp: 6659

Ion Ratio Lower Upper

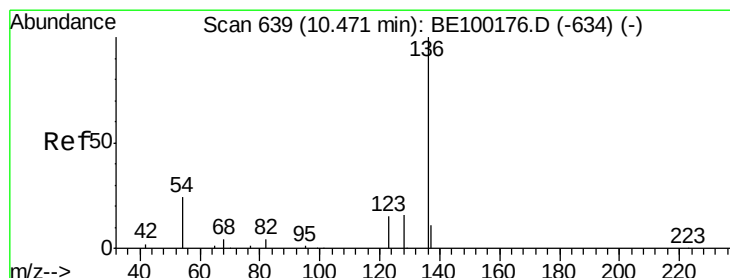
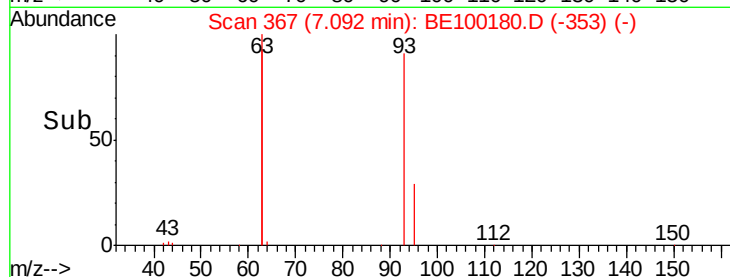
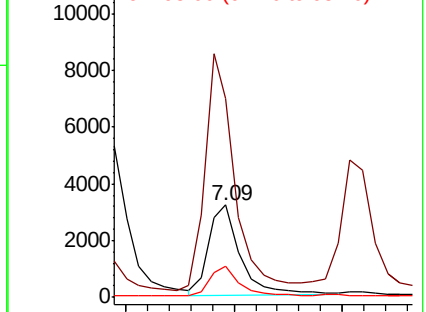
93 100

63 237.4 0.0 0.0#

95 29.6 21.0 31.6



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Tgt Ion: 136 Resp: 1536

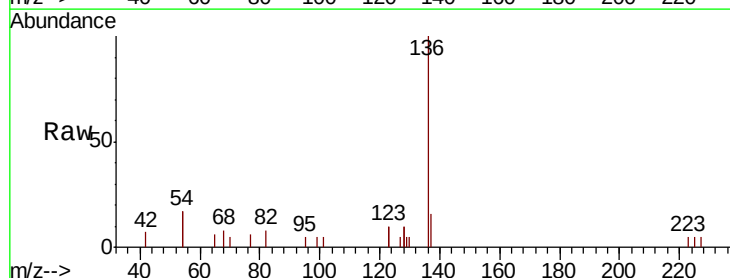
Ion Ratio Lower Upper

136 100

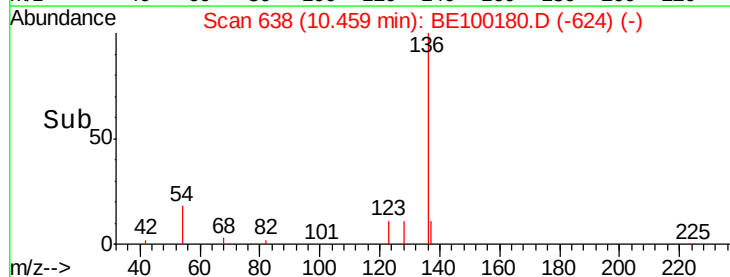
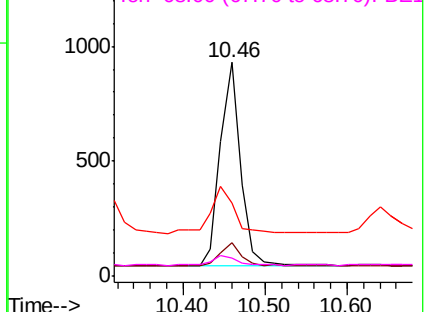
137 15.8 13.8 20.8

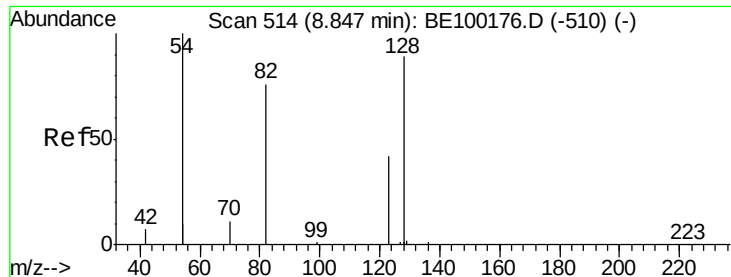
54 34.2 35.4 53.2#

68 8.3 8.8 13.2#



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: 5.980 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.03 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

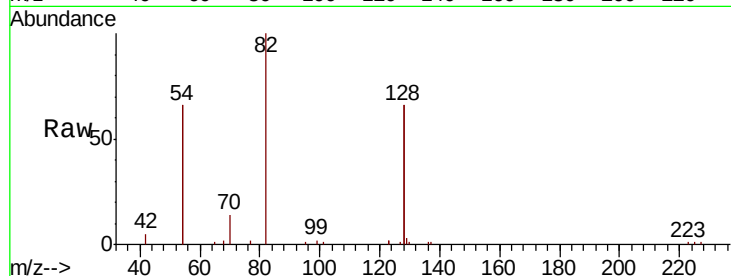
Tot Ion: 82 Resp: 8668

Ion Ratio Lower Upper

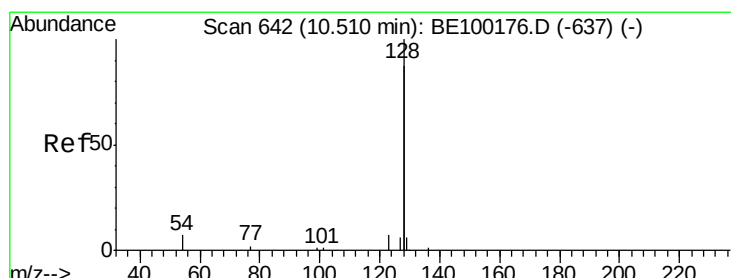
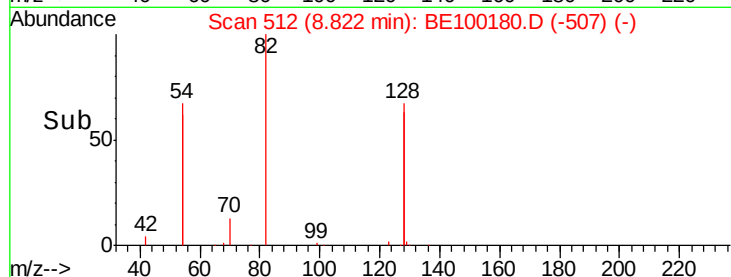
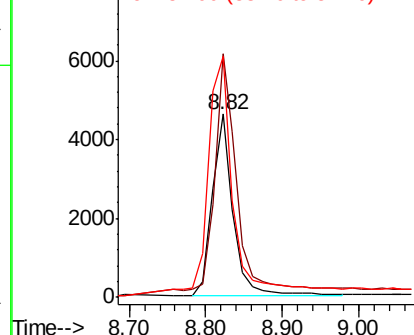
82 100

128 132.8 144.6 217.0#

54 131.6 163.0 244.6#



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: 5.008 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

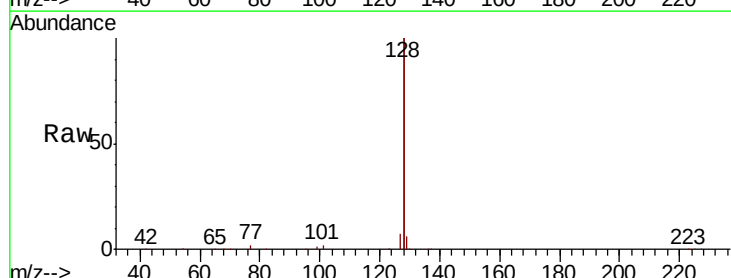
Tgt Ion: 128 Resp: 83098

Ion Ratio Lower Upper

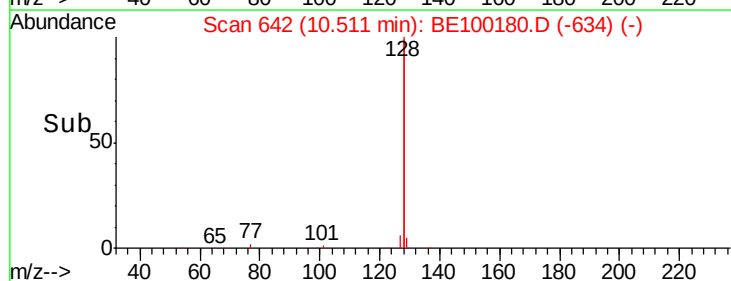
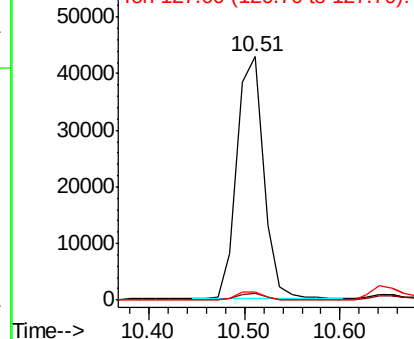
128 100

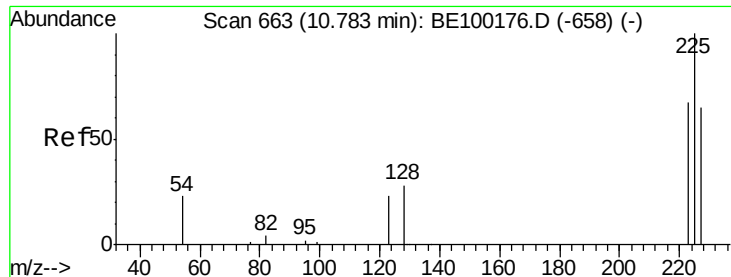
129 2.8 3.6 5.4#

127 3.3 3.8 5.8#



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

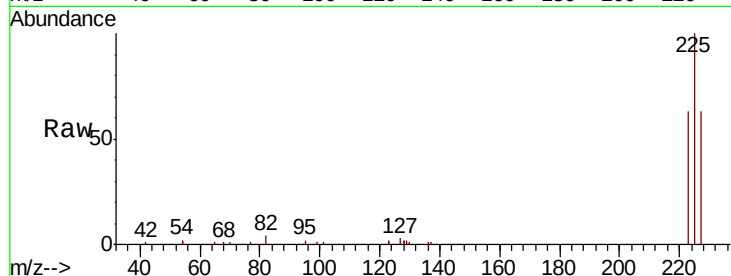




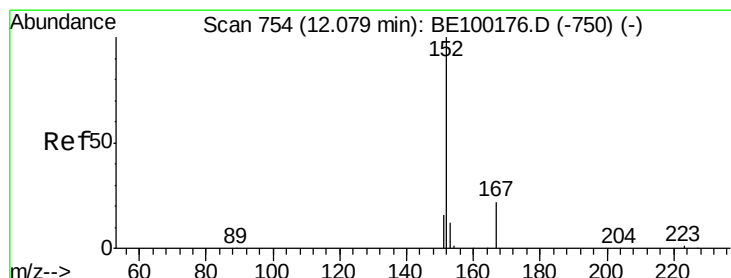
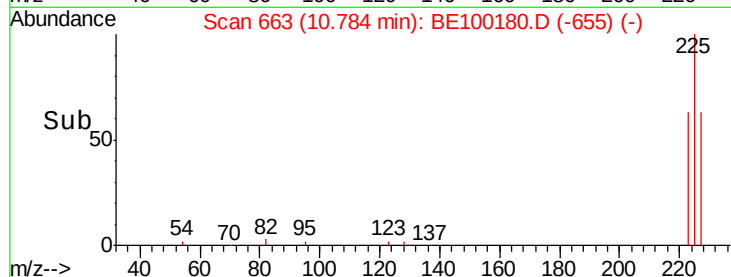
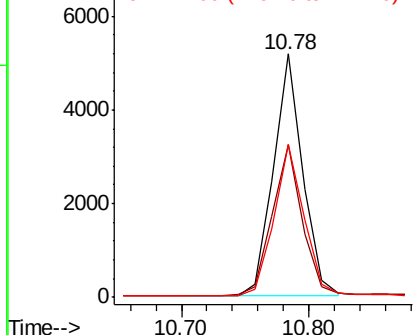
#10
Hexachlorobutadiene
Concen: 5.152 ng
RT: 10.78 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:225 Resp: 8172
Ion Ratio Lower Upper
225 100
223 63.2 50.1 75.1
227 63.6 50.9 76.3

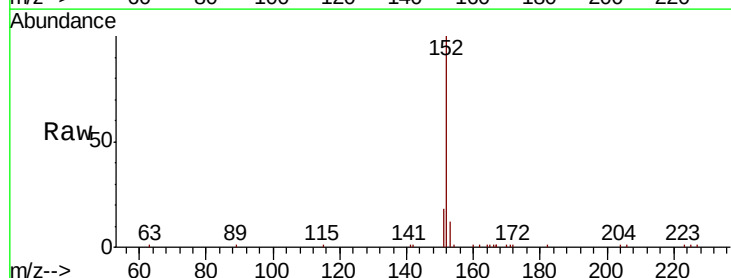


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

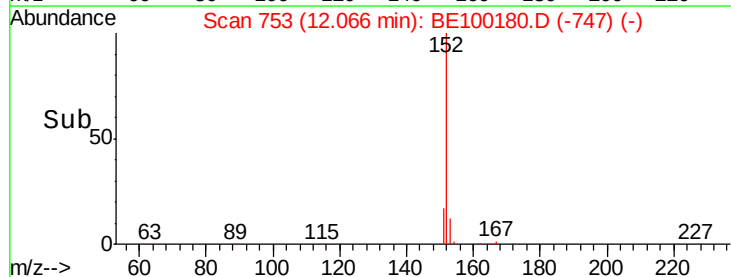
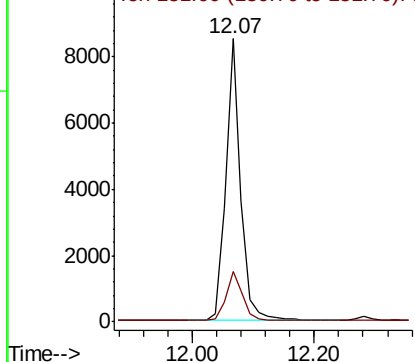


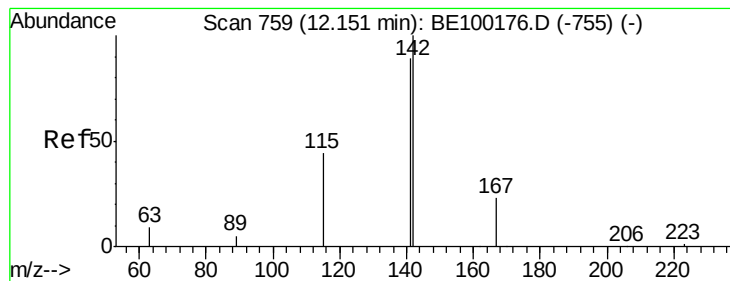
#11
2-Methylnaphthalene-d10
Concen: 5.116 ng
RT: 12.07 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:152 Resp: 14679
Ion Ratio Lower Upper
152 100
151 19.4 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: 5.202 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampled :

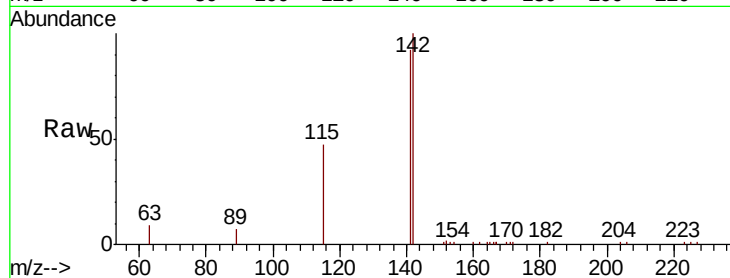
Tot Ion:142 Resp: 14301

Ion Ratio Lower Upper

142 100

141 92.1 71.8 107.8

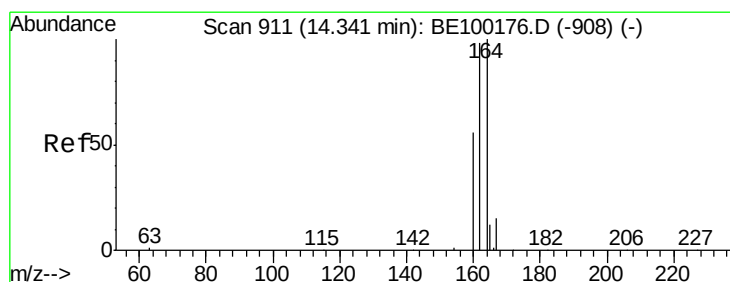
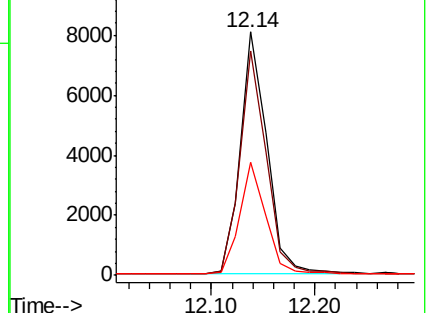
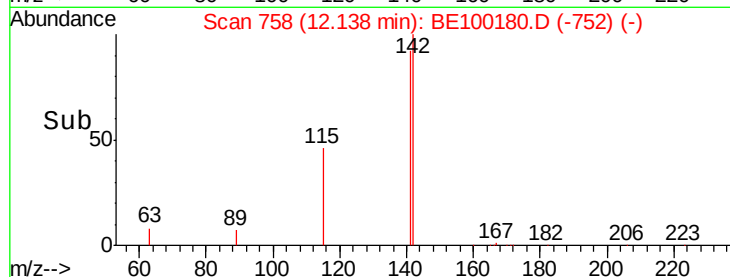
115 46.7 40.4 60.6



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: 14.34 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

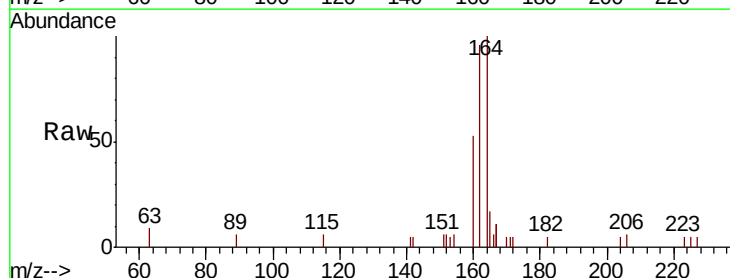
Tgt Ion:164 Resp: 1161

Ion Ratio Lower Upper

164 100

162 96.1 78.6 118.0

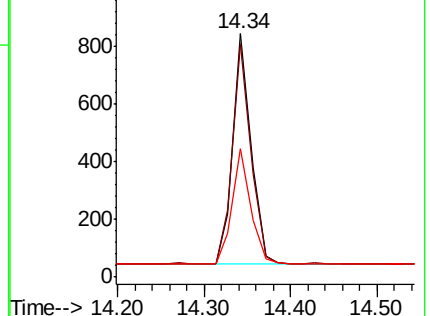
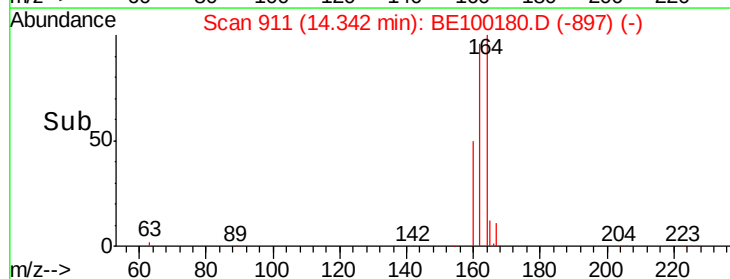
160 52.7 46.9 70.3

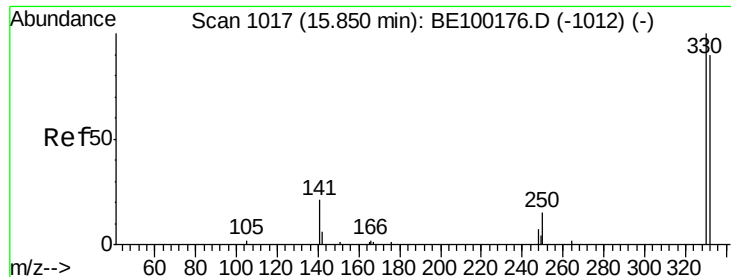


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 5.284 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

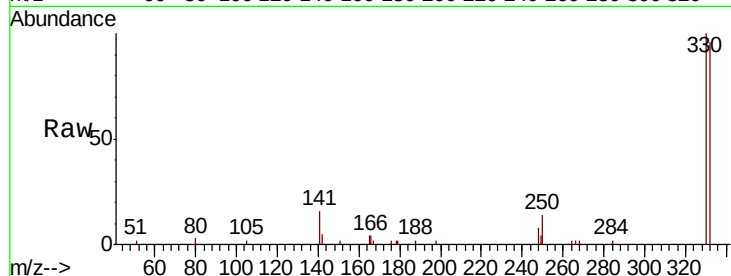
Tot Ion:330 Resp: 4203

Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

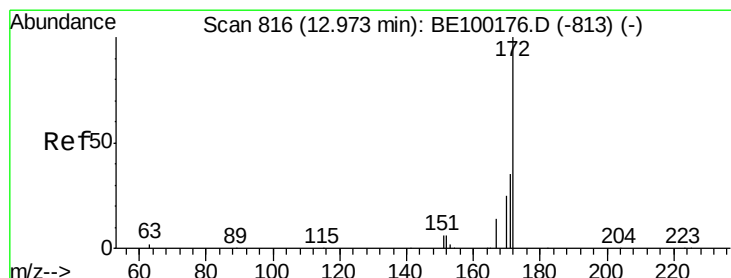
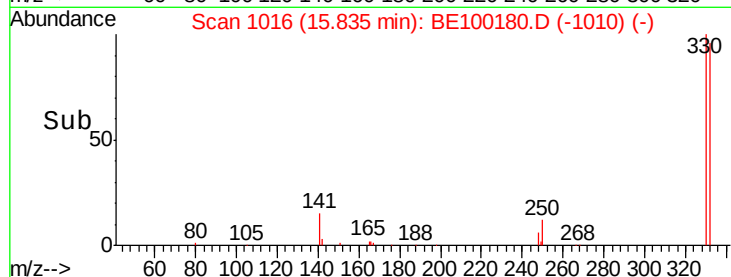
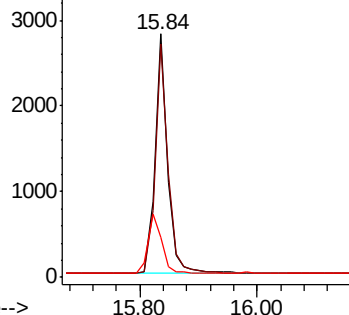
141 26.5 18.9 28.3



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: 5.059 ng

RT: 12.96 min Scan# 815

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

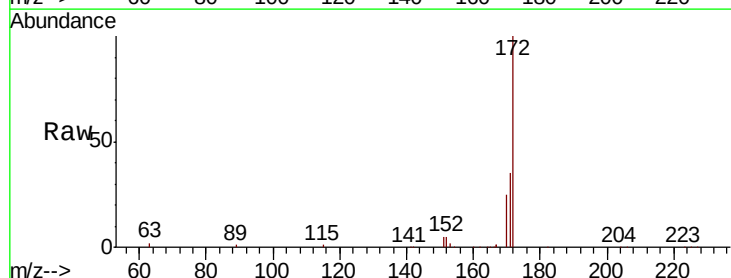
Tgt Ion:172 Resp: 22593

Ion Ratio Lower Upper

172 100

171 35.2 31.0 46.4

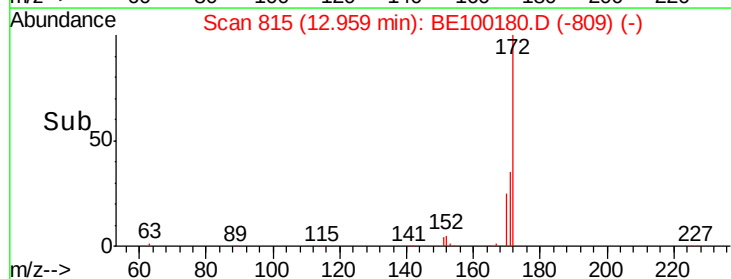
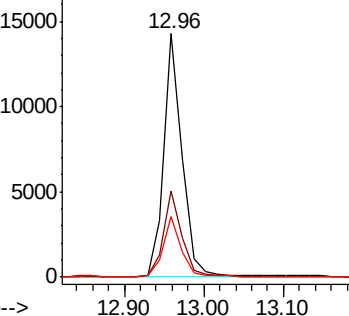
170 24.8 23.9 35.9

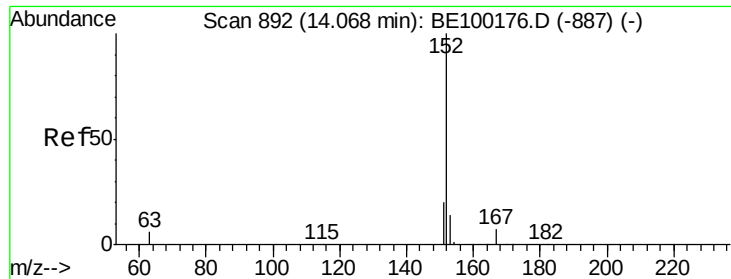


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

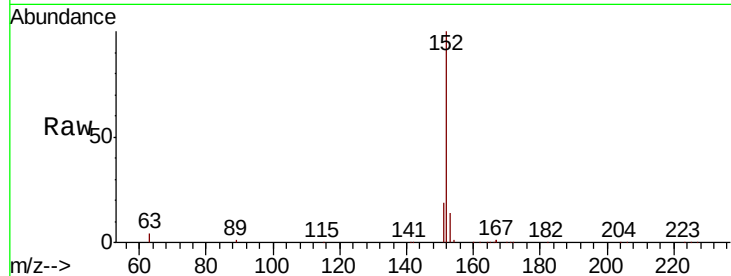




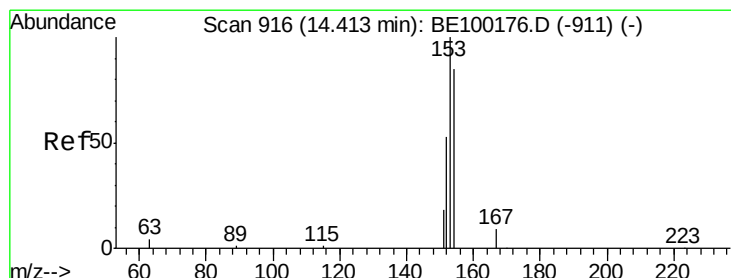
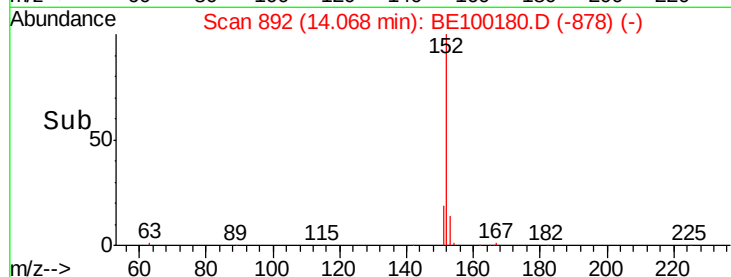
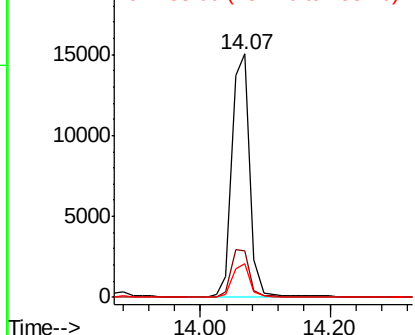
#16
Acenaphthylene
Concen: 5.141 ng
RT: 14.07 min Scan# 892
Delta R.T. 0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 28446
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0
153 13.0 10.8 16.2

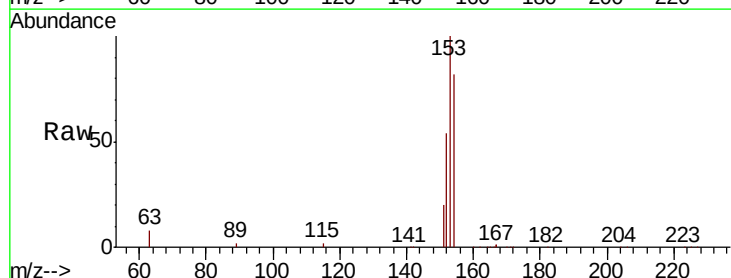


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

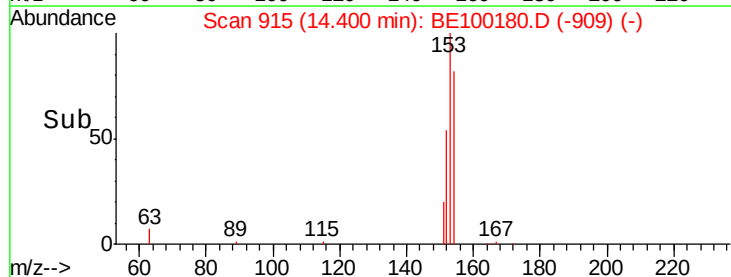
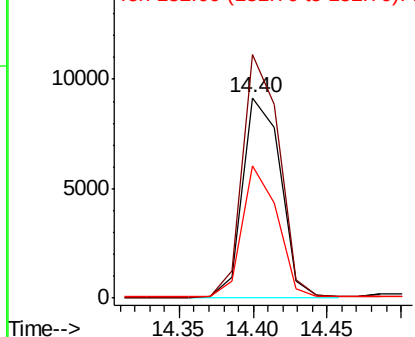


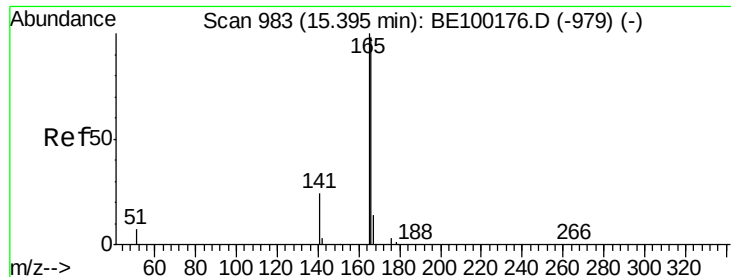
#17
Acenaphthene
Concen: 5.122 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:154 Resp: 16119
Ion Ratio Lower Upper
154 100
153 118.4 95.3 142.9
152 62.0 52.9 79.3



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

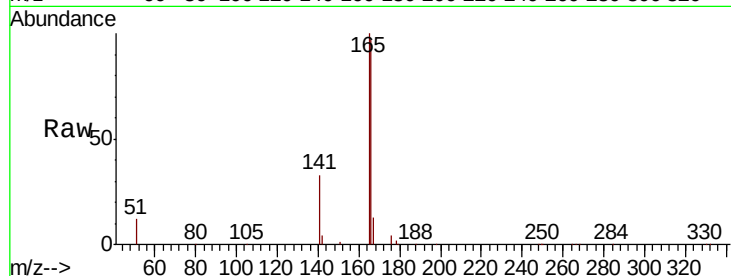




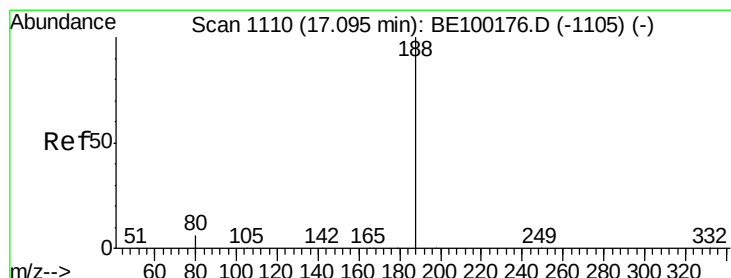
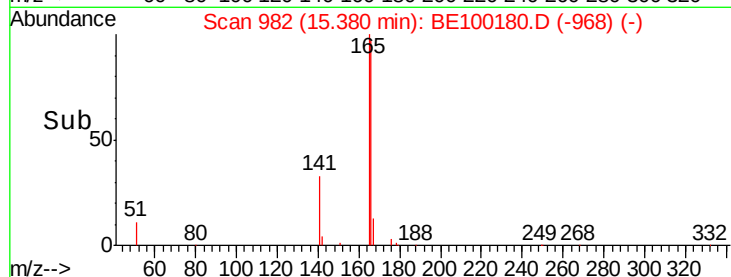
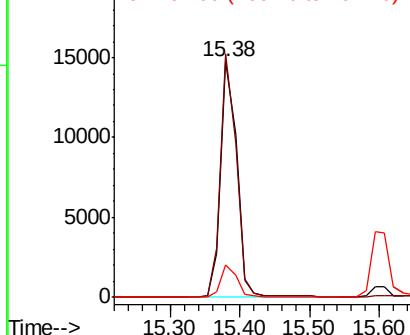
#18
 Fluorene
 Concen: 5.089 ng
 RT: 15.38 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:166 Resp: 23423
 Ion Ratio Lower Upper
 166 100
 165 101.0 81.0 121.4
 167 13.5 11.4 17.0

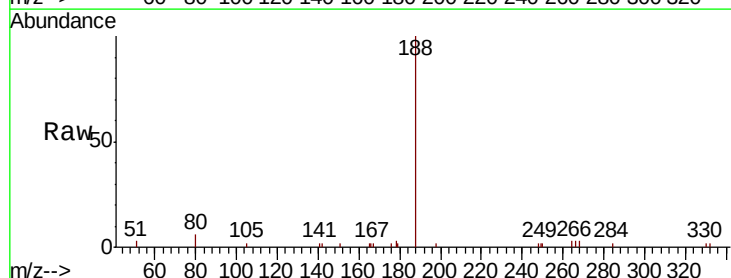


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

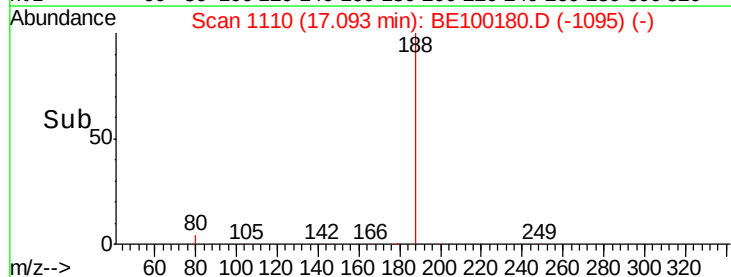
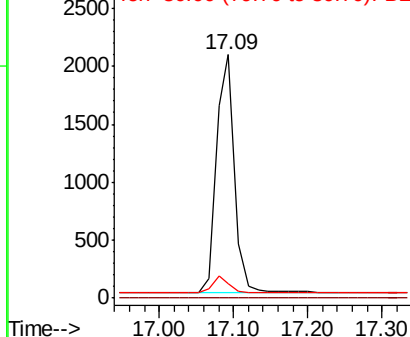


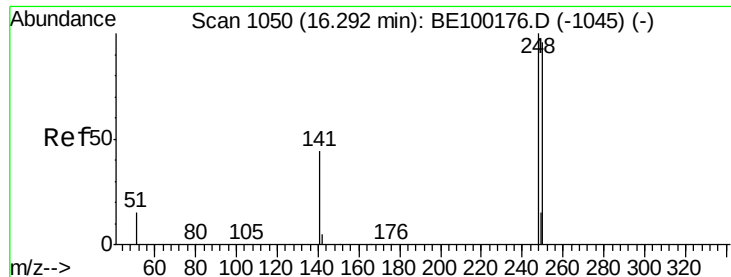
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

Tgt Ion:188 Resp: 3547
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 5.8 6.4 9.6#



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

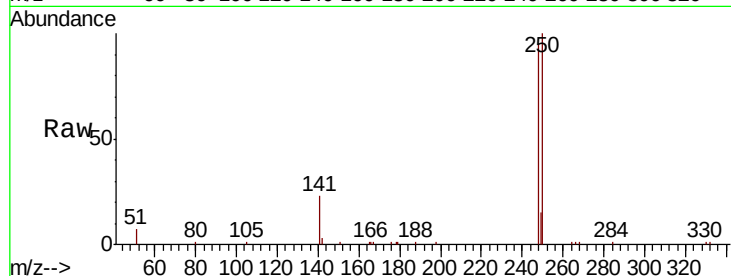




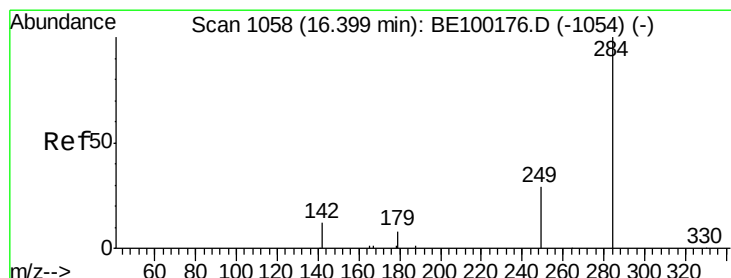
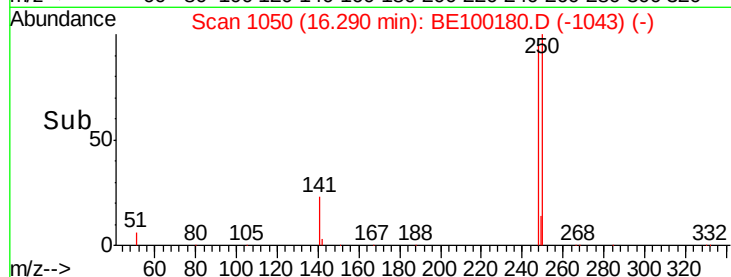
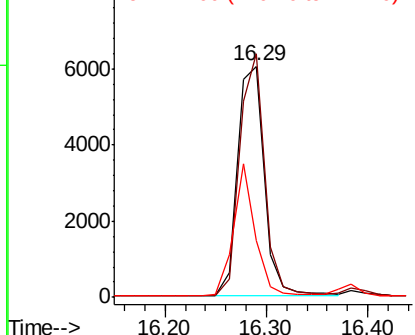
#20
4-Bromophenyl-phenylether
Concen: 5.031 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 11117
Ion Ratio Lower Upper
248 100
250 105.4 77.1 115.7
141 24.5 39.5 59.3#

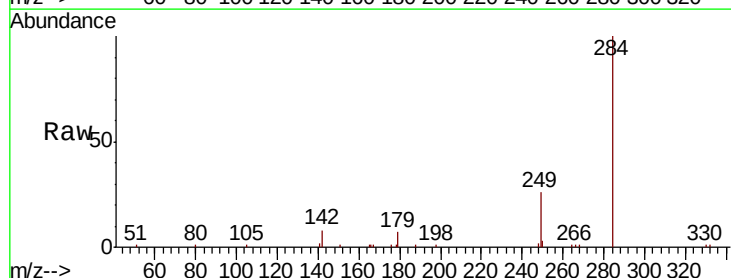


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

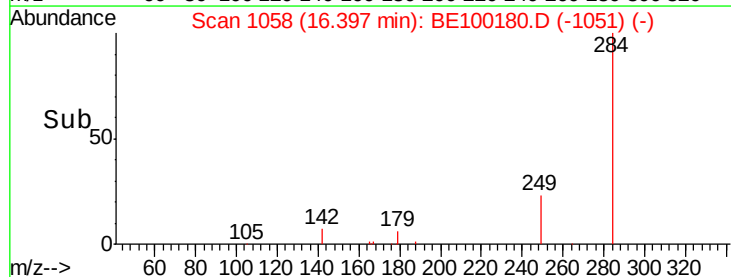
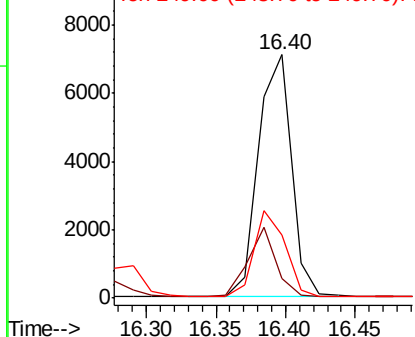


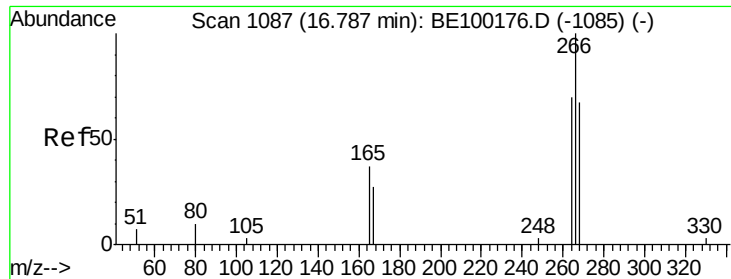
#21
Hexachlorobenzene
Concen: 5.032 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:284 Resp: 11741
Ion Ratio Lower Upper
284 100
142 24.1 20.1 30.1
249 33.0 26.2 39.4



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

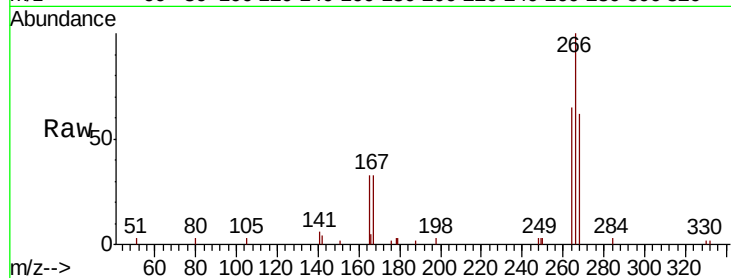




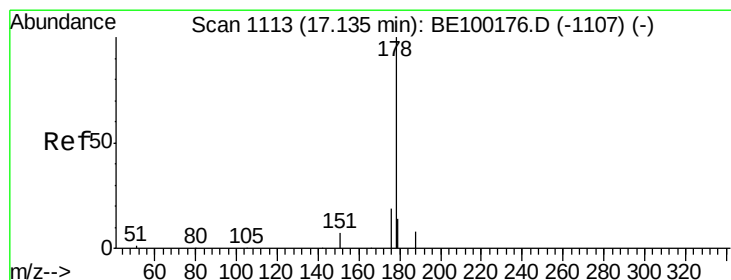
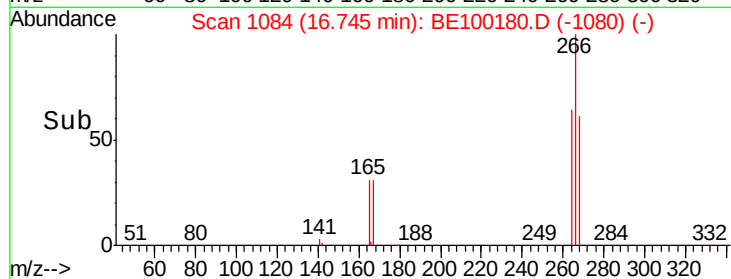
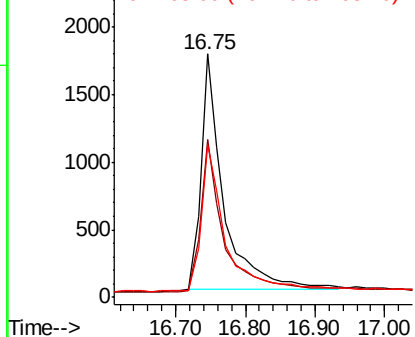
#22
 Pentachlorophenol
 Concen: 5.811 ng
 RT: 16.75 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:266 Resp: 3954
 Ion Ratio Lower Upper
 266 100
 264 65.0 67.7 101.5#
 268 62.5 69.8 104.6#

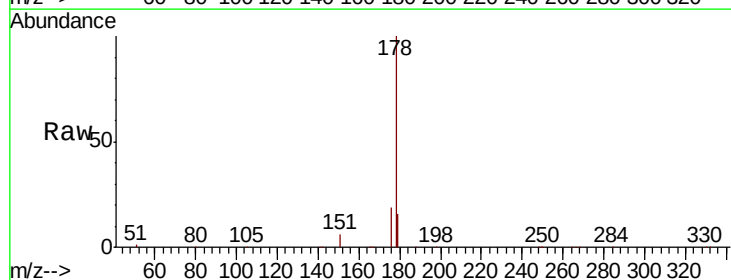


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

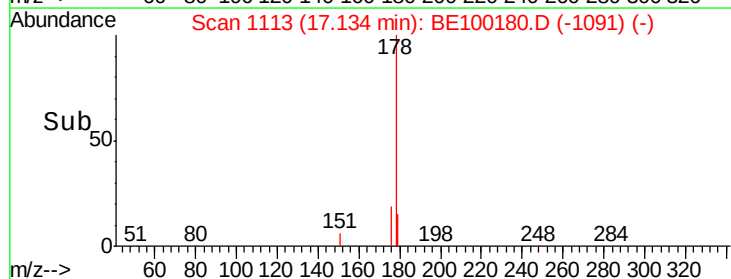
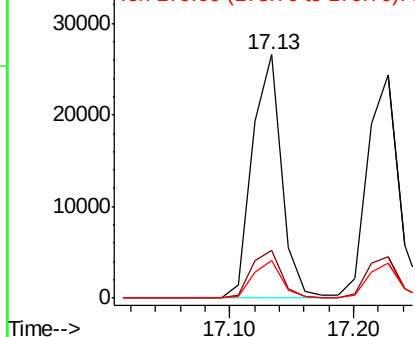


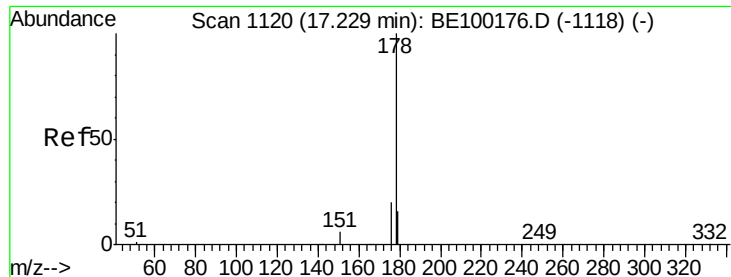
#23
 Phenanthrene
 Concen: 5.217 ng
 RT: 17.13 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

Tgt Ion:178 Resp: 43296
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.5 23.3
 179 15.2 12.2 18.2



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

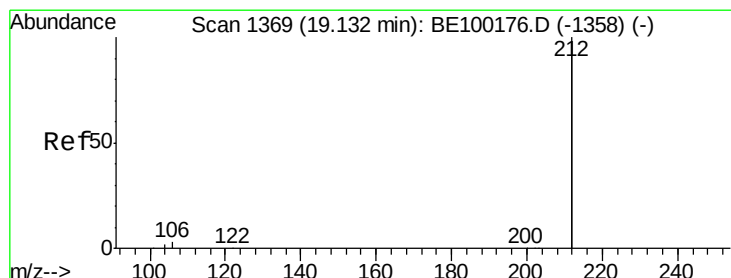
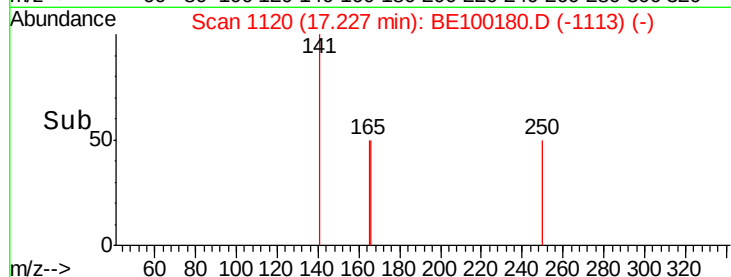
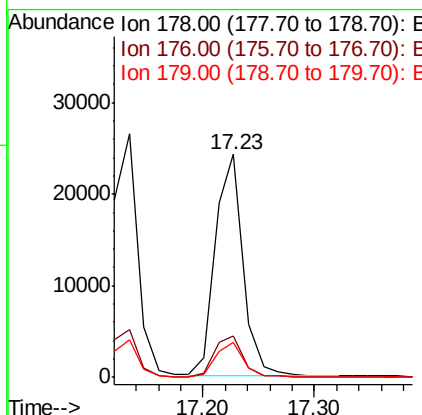
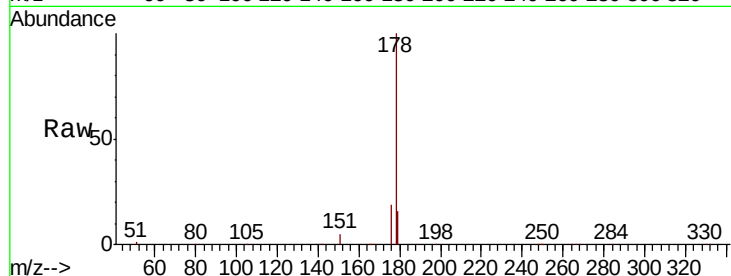




#24
 Anthracene
 Concen: 5.673 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

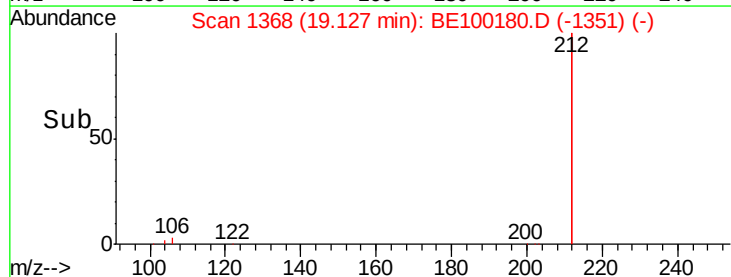
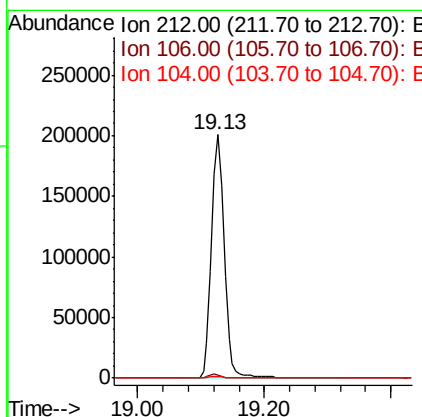
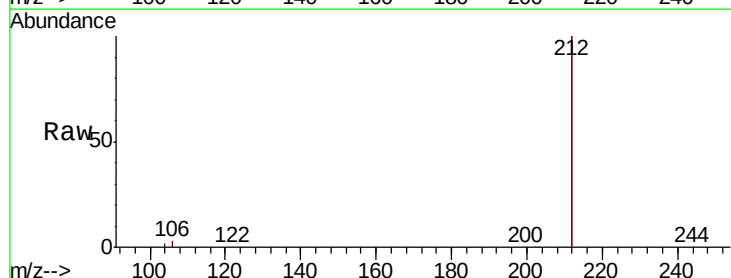
Instrument :
 BNA_E
 ClientSampleId :

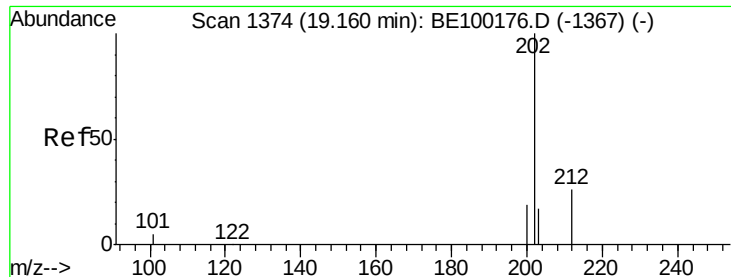
Tot Ion:178 Resp: 41937
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.4 12.9 19.3



#25
 Fluoranthene-d10
 Concen: 5.508 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BE100180.D
 Acq: 25 Jun 2019 13:36

Tgt Ion:212 Resp: 278644
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 0.9 0.7 1.1

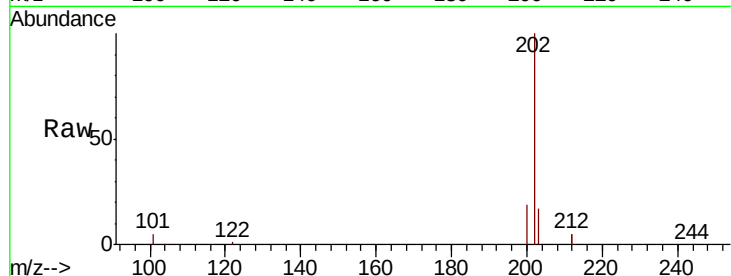




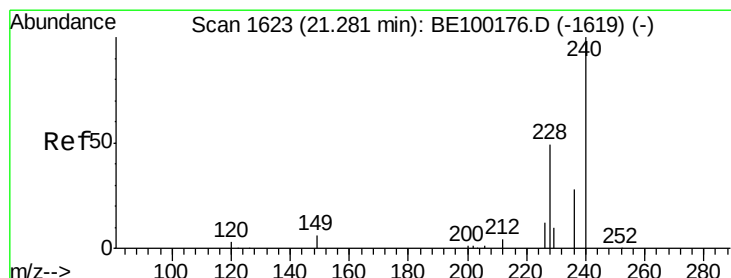
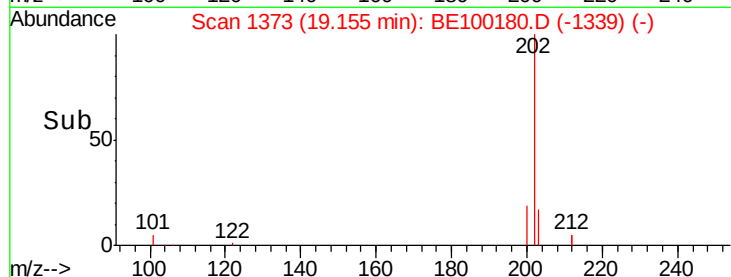
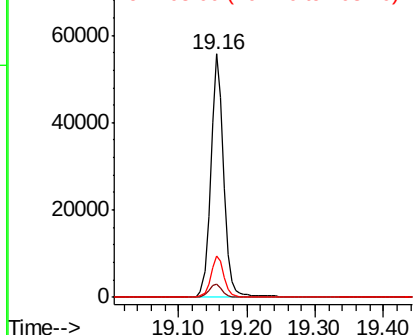
#26
Fluoranthene
Concen: 5.461 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 72890
Ion Ratio Lower Upper
202 100
101 5.7 4.5 6.7
203 17.4 13.7 20.5

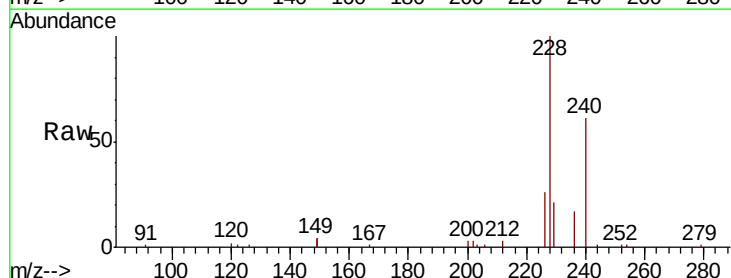


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

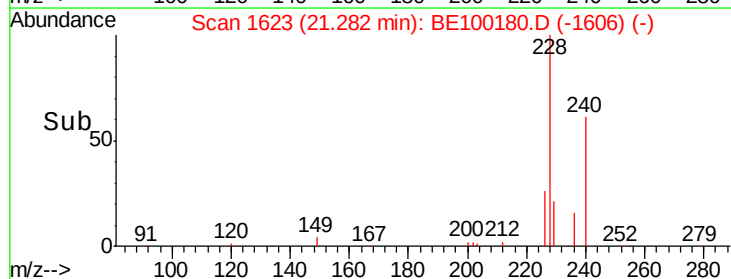
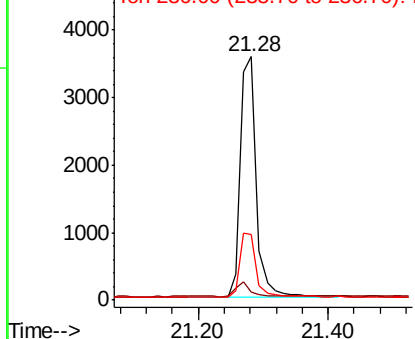


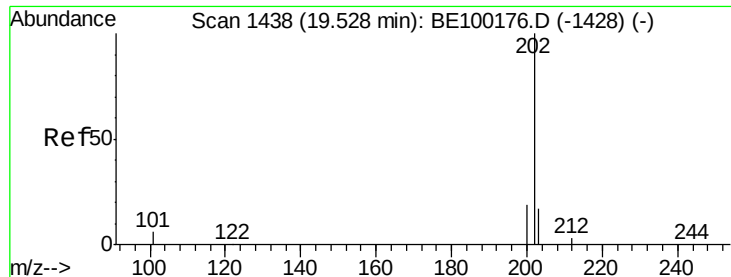
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:240 Resp: 6127
Ion Ratio Lower Upper
240 100
120 3.4 4.1 6.1#
236 27.1 23.0 34.6



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

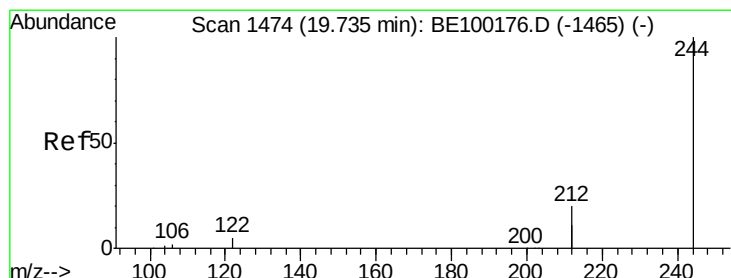
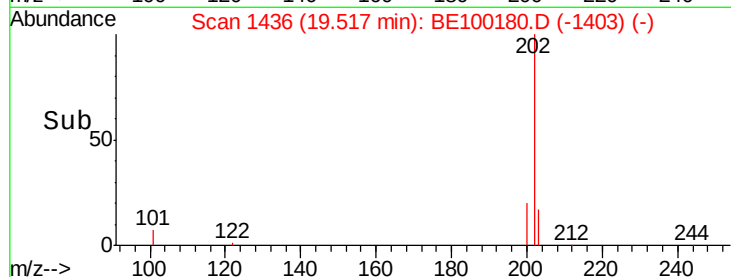
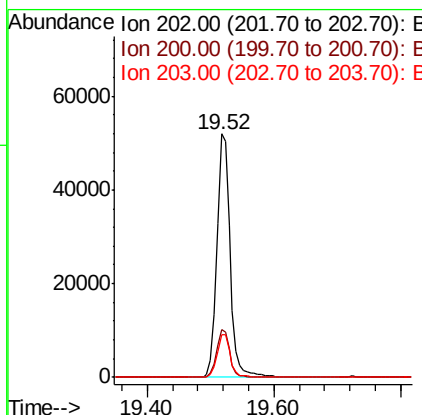
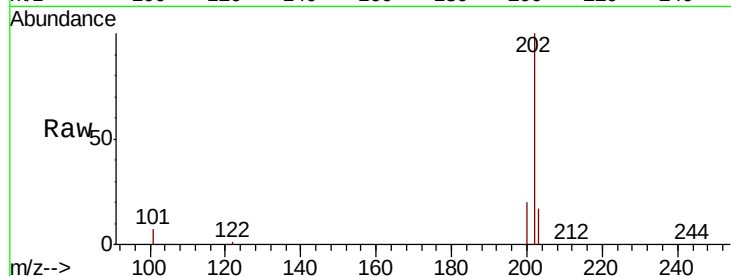




#28
Pvrene
Concen: 4.291 ng
RT: 19.52 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

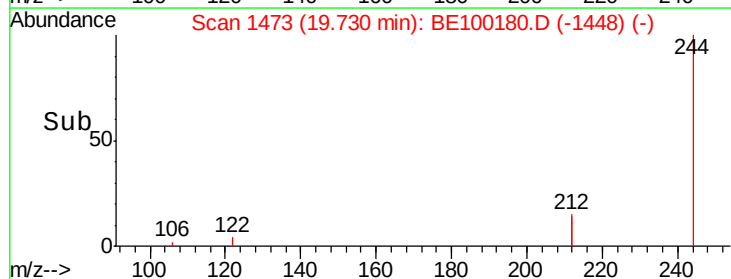
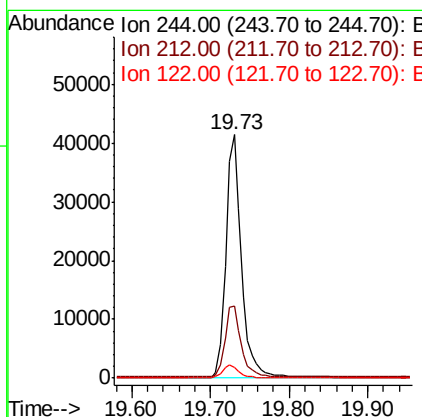
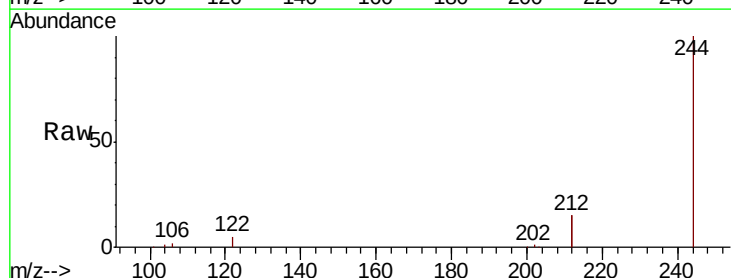
Instrument :
BNA_E
ClientSampleId :

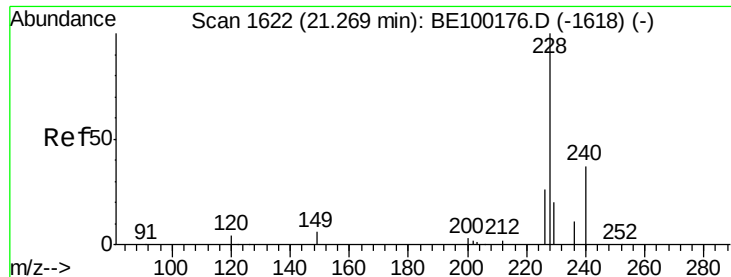
Tot Ion:202 Resp: 73972
Ion Ratio Lower Upper
202 100
200 19.5 15.5 23.3
203 17.5 13.9 20.9



#29
Terphenyl-d14
Concen: 4.366 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:244 Resp: 57173
Ion Ratio Lower Upper
244 100
212 29.8 30.7 46.1#
122 4.6 5.8 8.6#

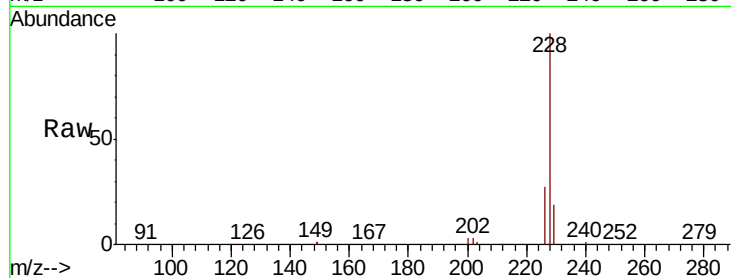




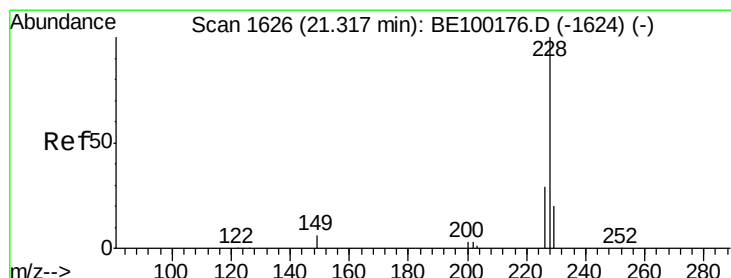
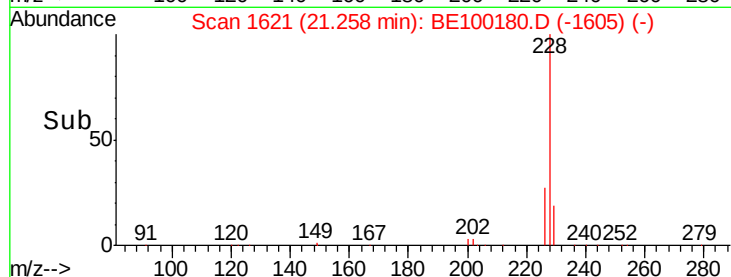
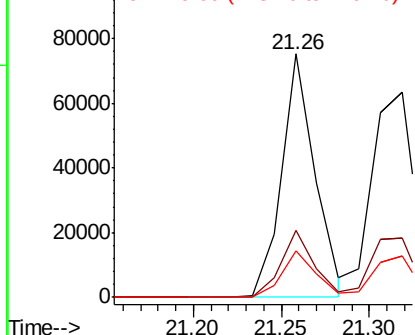
#30
Benzo(a)anthracene
Concen: 5.335 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 99162
Ion Ratio Lower Upper
228 100
226 27.5 21.5 32.3
229 19.3 17.2 25.8

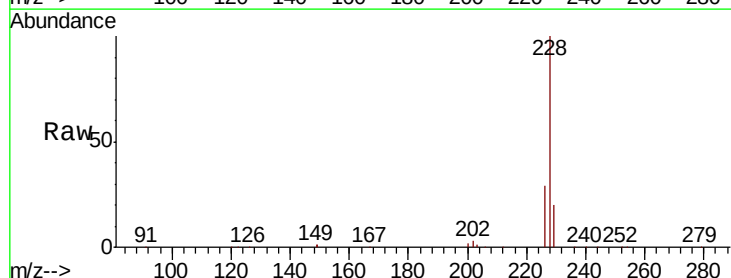


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

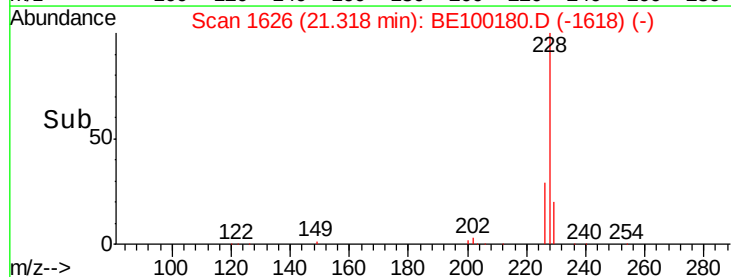
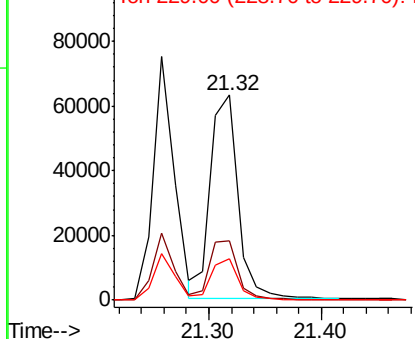


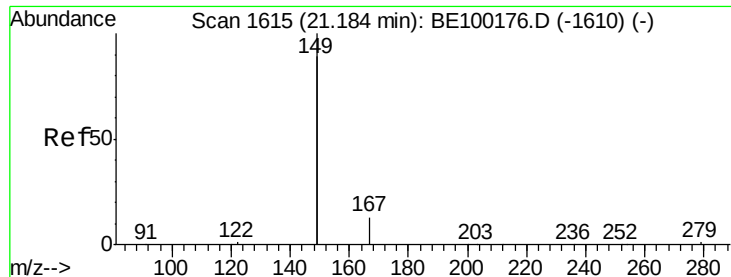
#31
Chrysene
Concen: 5.194 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:228 Resp: 106679
Ion Ratio Lower Upper
228 100
226 28.9 23.7 35.5
229 20.1 16.5 24.7



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: 3.815 ng

RT: 21.19 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

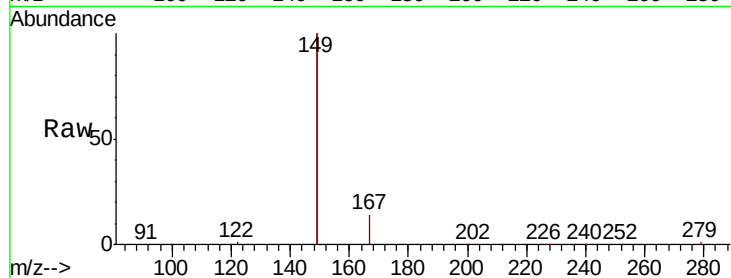
Tot Ion:149 Resp: 117262

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

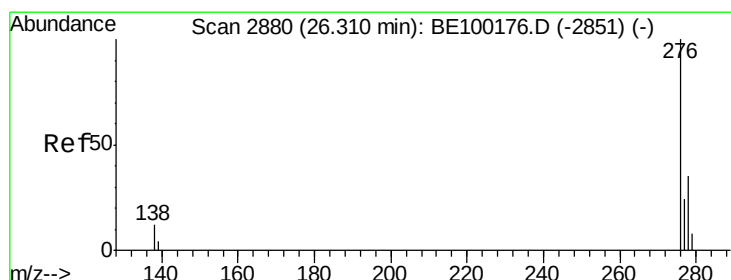
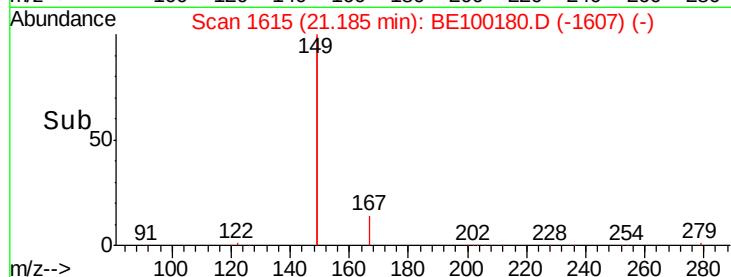
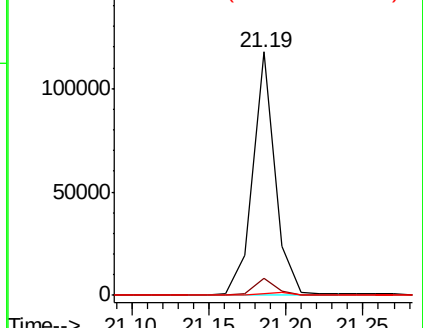
279 1.4 1.0 1.6



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: 6.025 ng

RT: 26.30 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

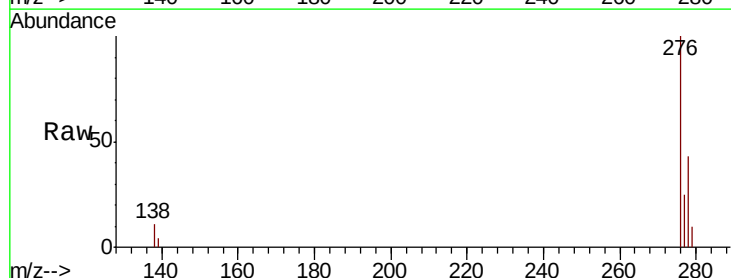
Tgt Ion:276 Resp: 142318

Ion Ratio Lower Upper

276 100

138 11.6 3.7 5.5#

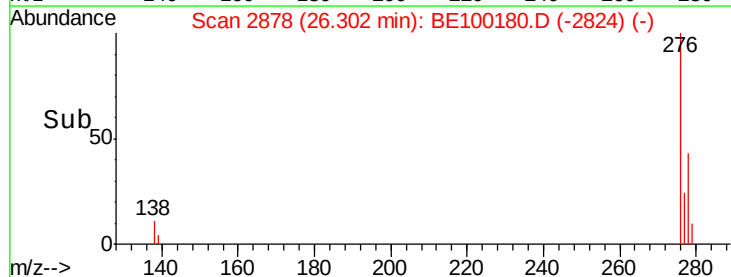
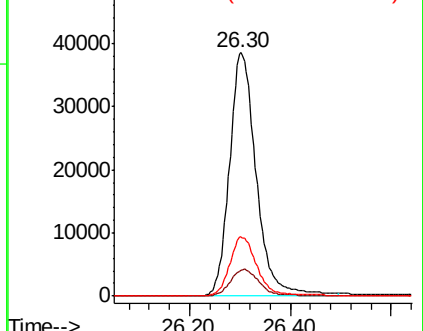
277 24.7 18.7 28.1

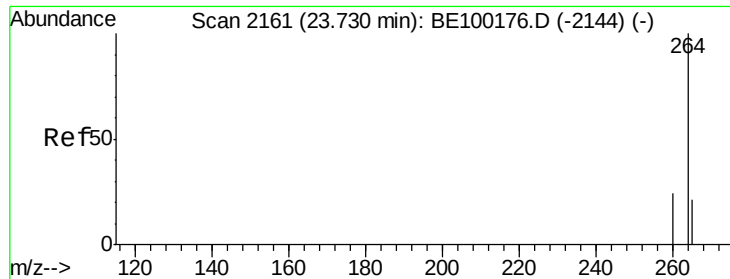


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

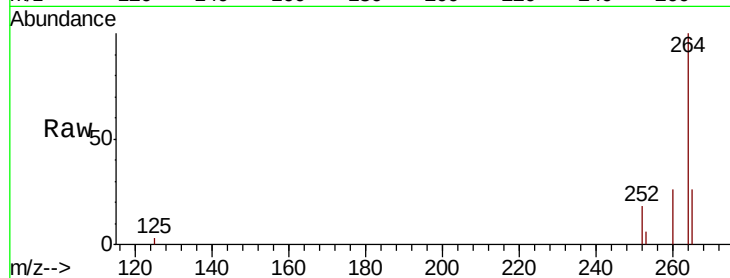




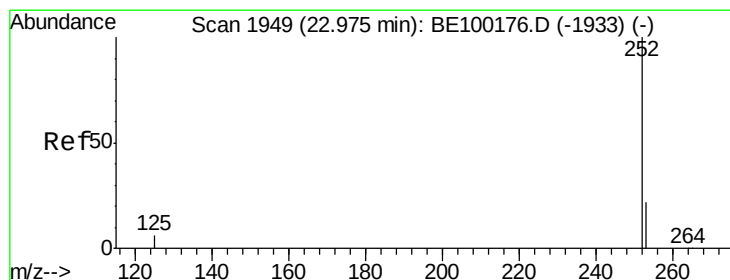
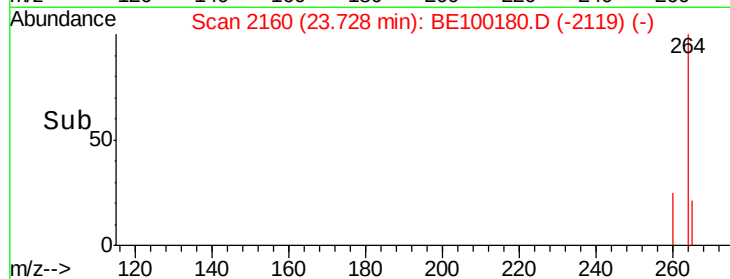
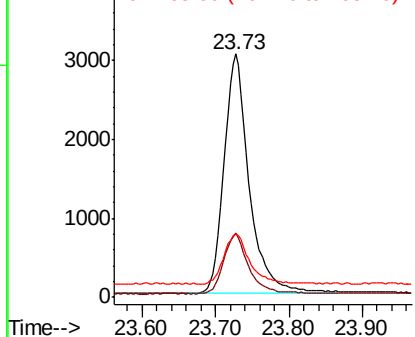
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 7328
Ion Ratio Lower Upper
264 100
260 26.3 20.4 30.6
265 26.2 22.5 33.7

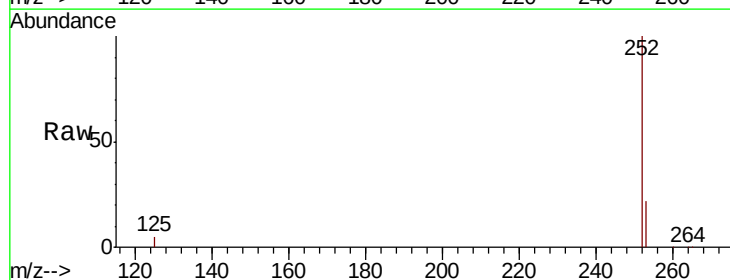


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

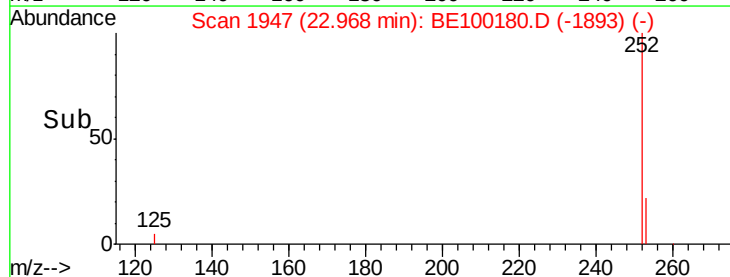
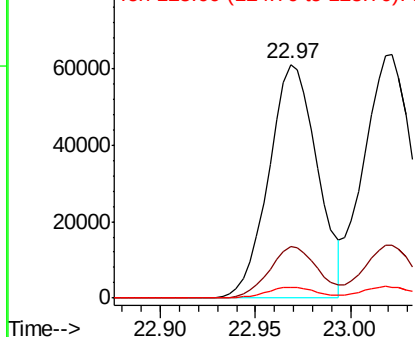


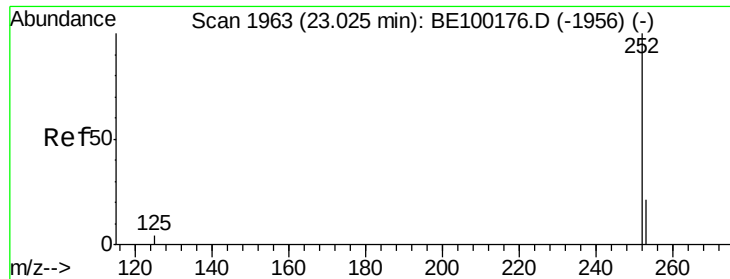
#35
Benzo(b)fluoranthene
Concen: 5.790 ng
RT: 22.97 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:252 Resp: 108365
Ion Ratio Lower Upper
252 100
253 21.8 19.0 28.4
125 4.8 6.3 9.5#



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

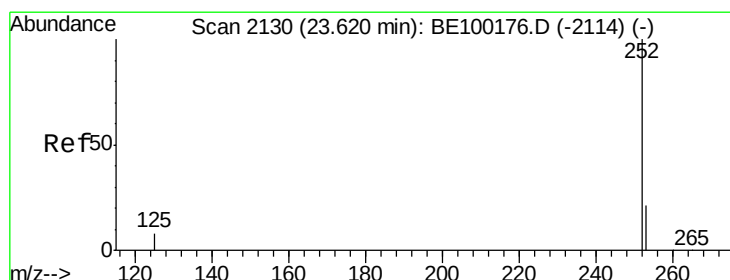
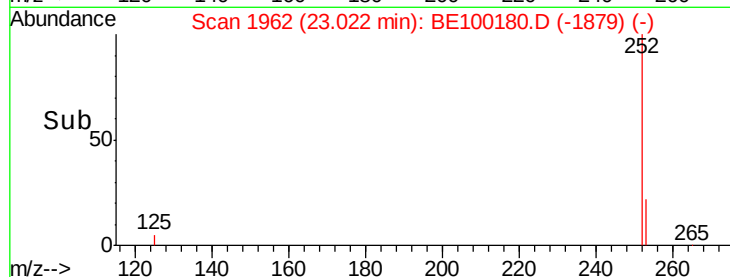
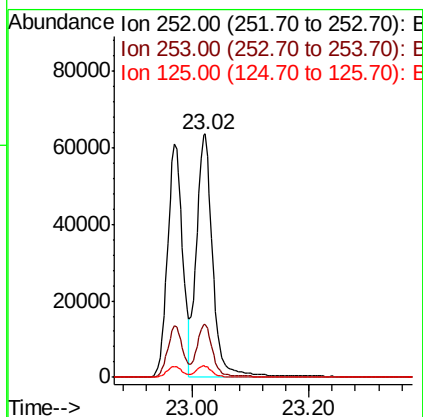
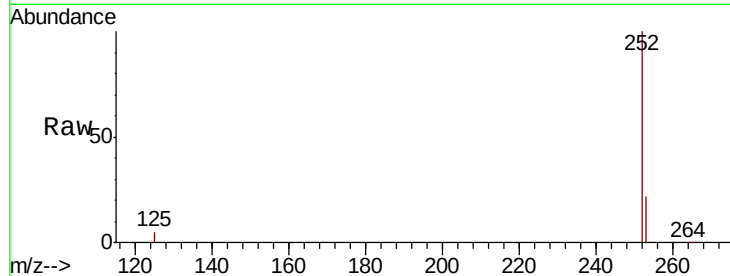




#36
Benzo(k)fluoranthene
Concen: 5.409 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

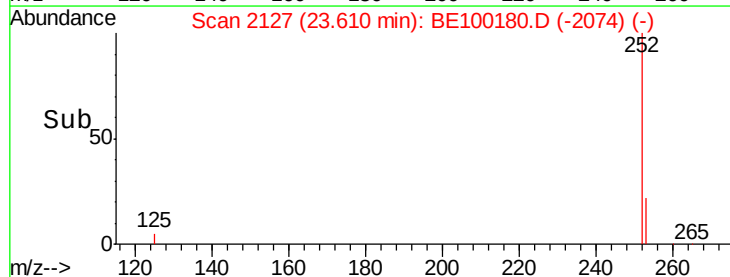
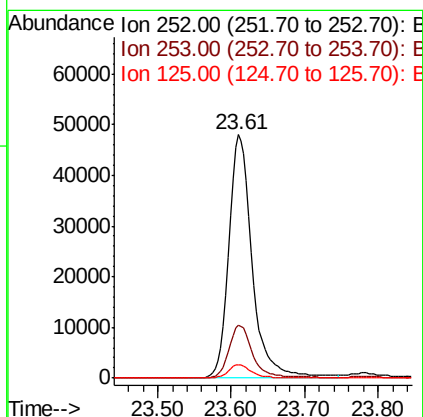
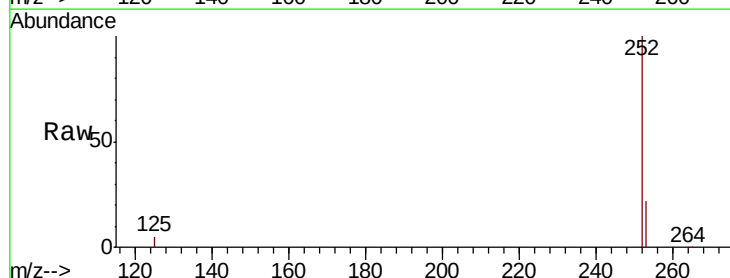
Instrument :
BNA_E
ClientSampleId :

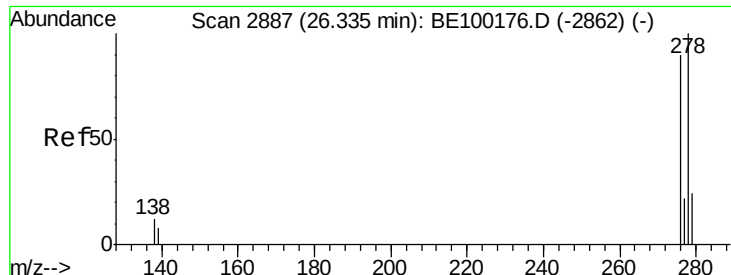
Tot Ion:252 Resp: 122940
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 4.6 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 5.486 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100180.D
Acq: 25 Jun 2019 13:36

Tgt Ion:252 Resp: 106691
Ion Ratio Lower Upper
252 100
253 21.8 19.2 28.8
125 5.4 8.2 12.2#





#38

Dibenzo(a,h)anthracene

Concen: 5.985 ng

RT: 26.33 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

Instrument :

BNA_E

ClientSampleId :

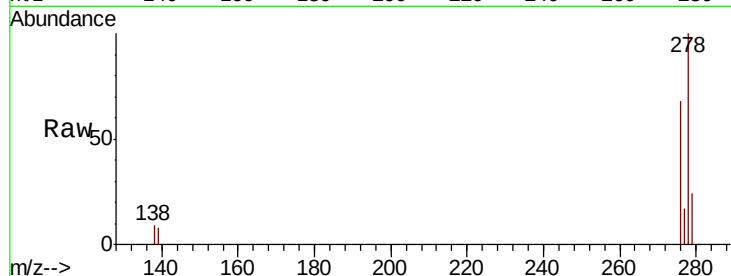
Tot Ion:278 Resp: 117110

Ion Ratio Lower Upper

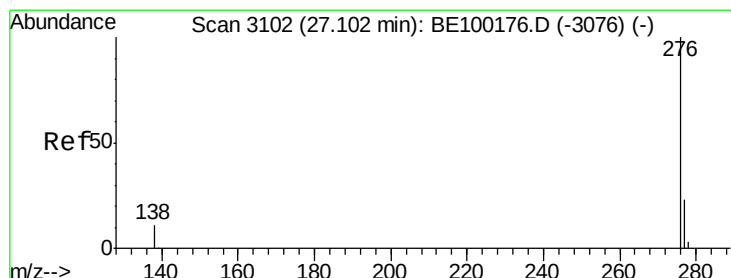
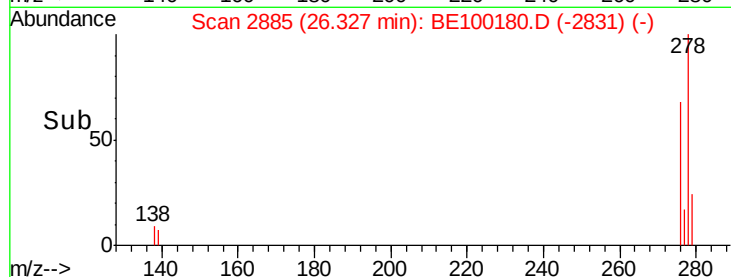
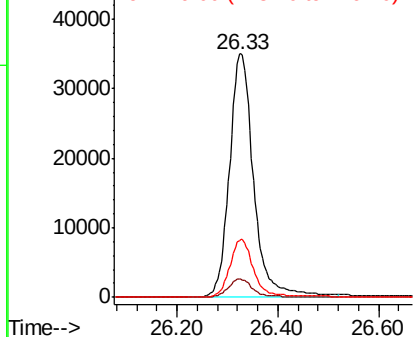
278 100

139 7.6 9.0 13.4#

279 23.7 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: 5.682 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100180.D

Acq: 25 Jun 2019 13:36

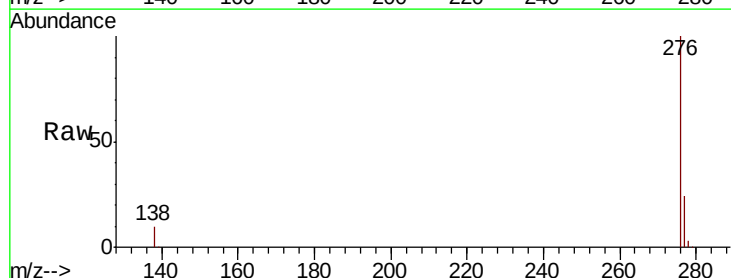
Tgt Ion:276 Resp: 116328

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 10.4 10.2 15.4



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

