

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100133.D
 Acq On : 21 Jun 2019 13:16
 Operator : JU/SJ
 Sample : K3428-20MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MS

Quant Time: Jun 22 02:02:03 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	565	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2028	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1832	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6587	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9177	0.40	ng	0.00
34) Perylene-d12	23.84	264	10177	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	568	0.48	ng	0.00
5) Phenol-d6	6.91	99	728	0.45	ng	-0.02
8) Nitrobenzene-d5	8.91	82	770	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	400	0.10	ng	-0.03
14) 2,4,6-Tribromophenol	15.90	330	478	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2802	0.39	ng	-0.02
25) Fluoranthene-d10	19.19	212	3015	0.03	ng	0.00
29) Terphenyl-d14	19.79	244	8186	0.45	ng	-0.02

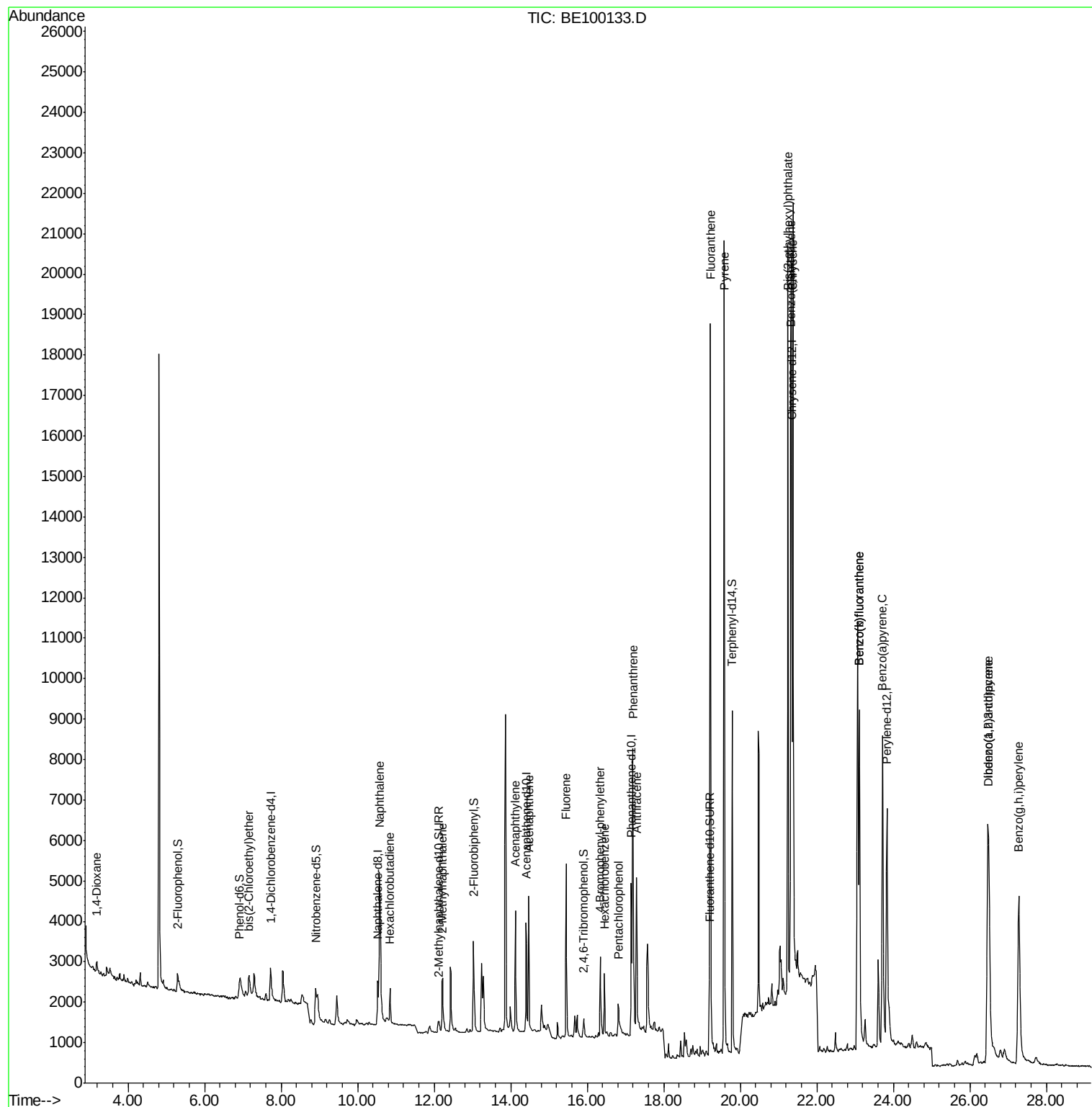
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	240	0.265	ng	# 65
6) bis(2-Chloroethyl)ether	7.16	93	577	0.381	ng	# 72
9) Naphthalene	10.57	128	8628	0.392	ng	99
10) Hexachlorobutadiene	10.85	225	618	0.285	ng	98
12) 2-Methylnaphthalene	12.22	142	1485	0.410	ng	95
16) Acenaphthylene	14.12	152	3669	0.422	ng	98
17) Acenaphthene	14.47	154	1813	0.373	ng	96
18) Fluorene	15.45	166	2965	0.409	ng	97
20) 4-Bromophenyl-phenylether	16.34	248	1317	0.336	ng	94
21) Hexachlorobenzene	16.45	284	1244	0.288	ng	97
22) Pentachlorophenol	16.81	266	760	0.784	ng	84
23) Phenanthrene	17.20	178	9701	0.615	ng	99
24) Anthracene	17.30	178	5647	0.424	ng	97
26) Fluoranthene	19.22	202	17581	0.694	ng	99
28) Pyrene	19.58	202	20064	0.851	ng	98
30) Benzo(a)anthracene	21.32	228	17831	0.653	ng	100
31) Chrysene	21.38	228	17470	0.551	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	19042	0.739	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	12867	0.360	ng	# 96
35) Benzo(b)fluoranthene	23.11	252	13480	0.451	ng	99
36) Benzo(k)fluoranthene	23.11	252	14038	0.413	ng	99
37) Benzo(a)pyrene	23.72	252	13951	0.484	ng	98
38) Dibenzo(a,h)anthracene	26.49	278	8596	0.291	ng	99
39) Benzo(g,h,i)perylene	27.28	276	12104	0.394	ng	98

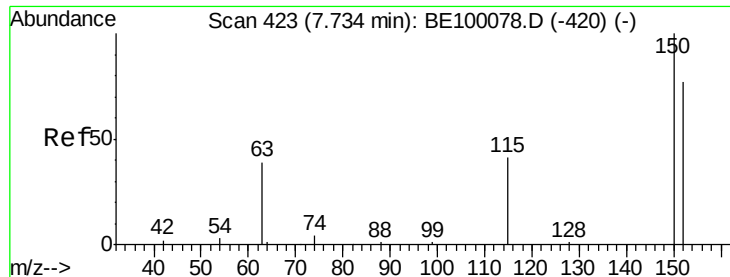
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

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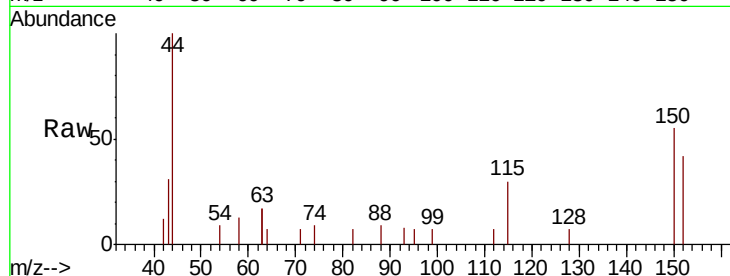
Tgt Ion: 152 Resp: 565

Ion Ratio Lower Upper

152 100

150 129.3 99.8 149.8

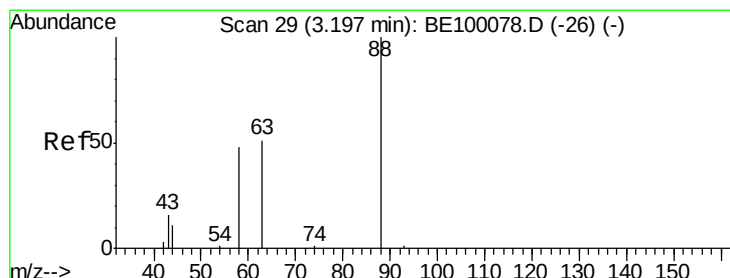
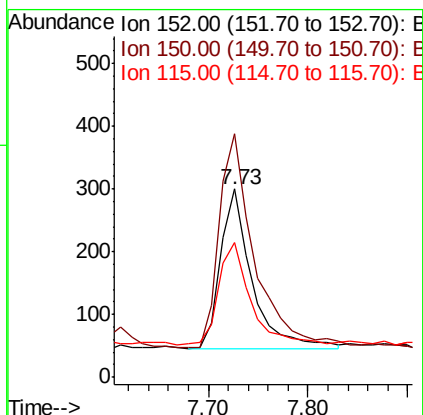
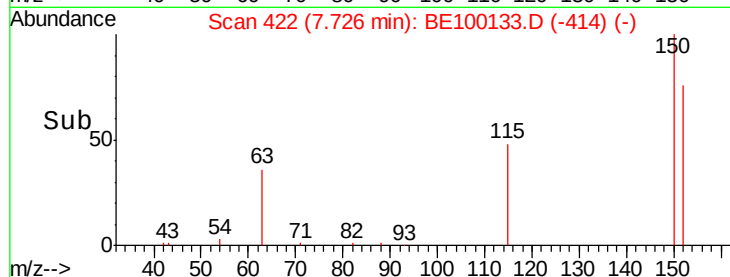
115 71.3 51.3 76.9



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: 0.265 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

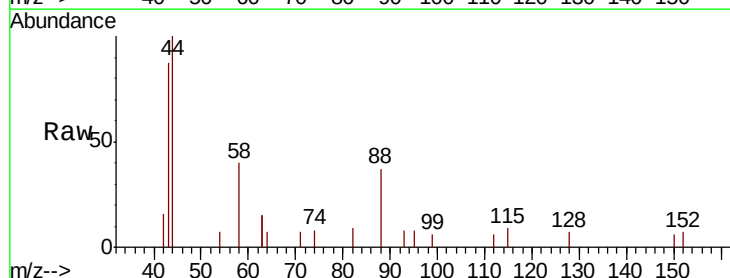
Tgt Ion: 88 Resp: 240

Ion Ratio Lower Upper

88 100

58 85.0 51.1 76.7#

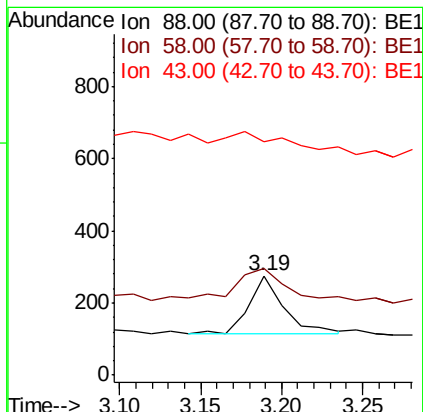
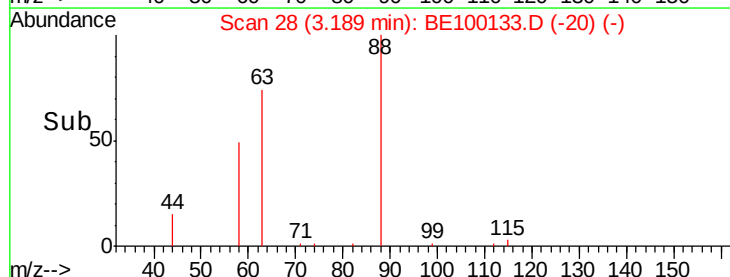
43 0.0 21.7 32.5#

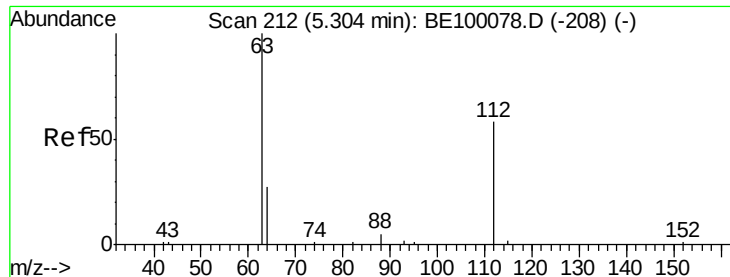


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.484 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

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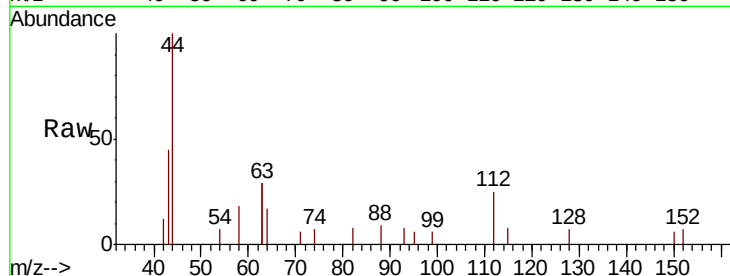
Tgt Ion: 112 Resp: 568

Ion Ratio Lower Upper

112 100

64 51.8 22.0 33.0#

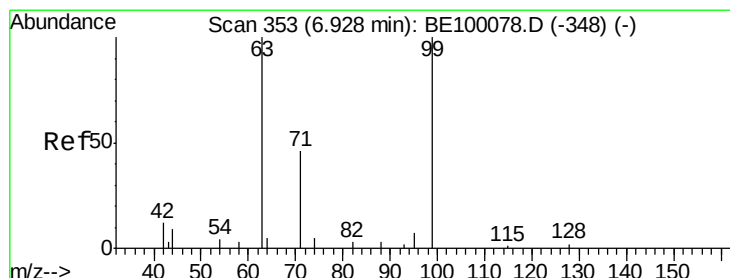
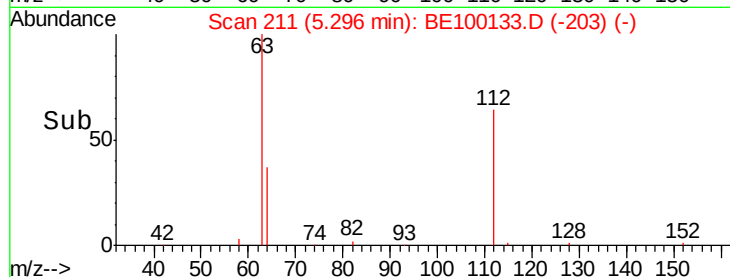
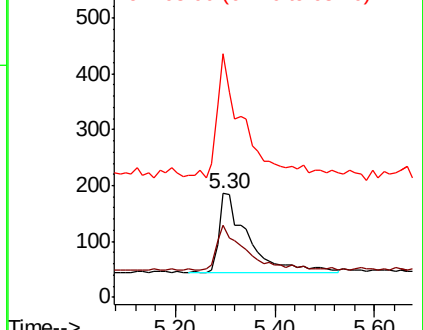
63 125.5 121.8 182.6



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: 0.452 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

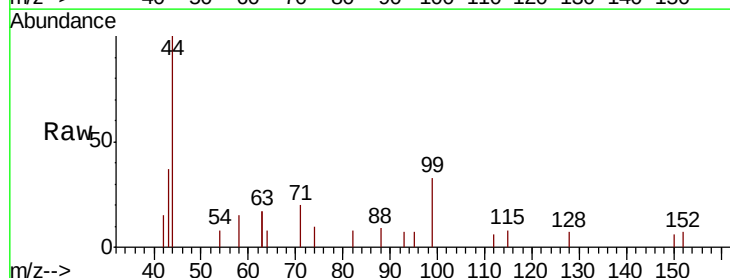
Tgt Ion: 99 Resp: 728

Ion Ratio Lower Upper

99 100

42 16.5 0.0 0.0#

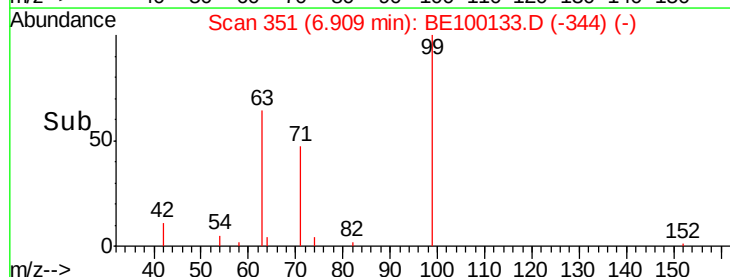
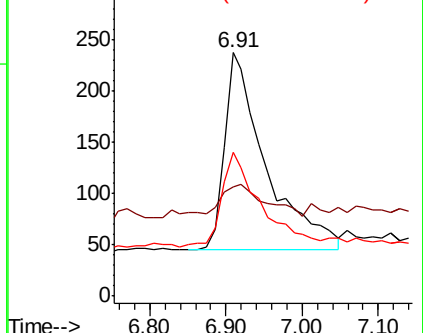
71 45.1 37.6 56.4

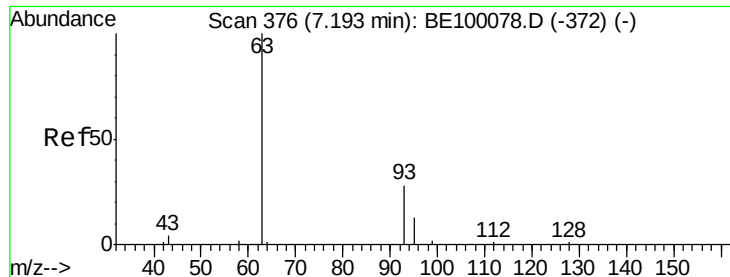


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.381 ng

RT: 7.16 min Scan# 373

Delta R.T. -0.03 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

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PST-084-B045-061319MS

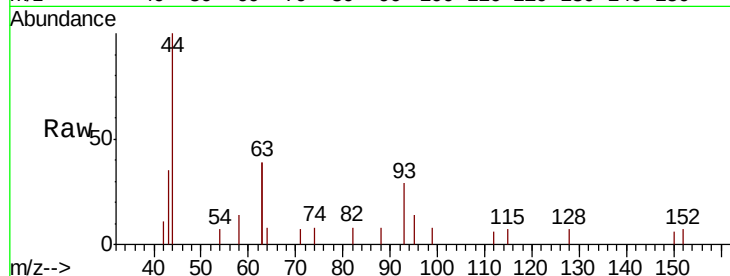
Tgt Ion: 93 Resp: 577

Ion Ratio Lower Upper

93 100

63 196.4 200.0 300.0#

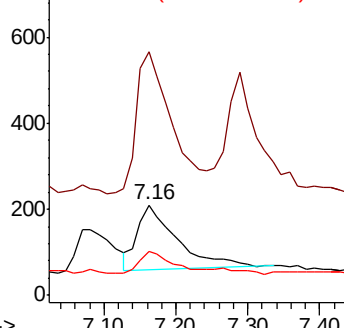
95 26.9 24.0 36.0



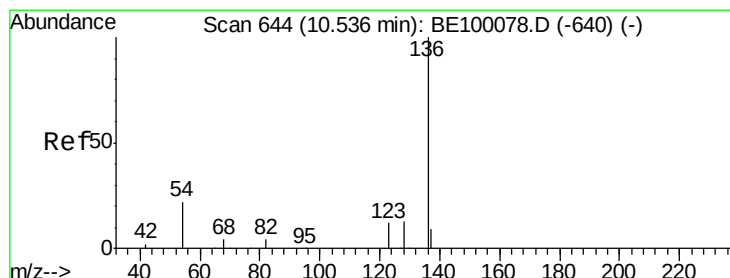
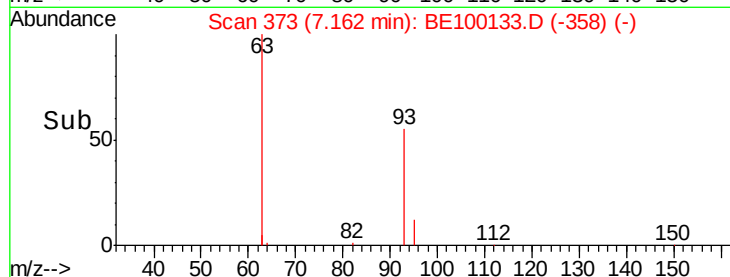
Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Tgt Ion: 136 Resp: 2028

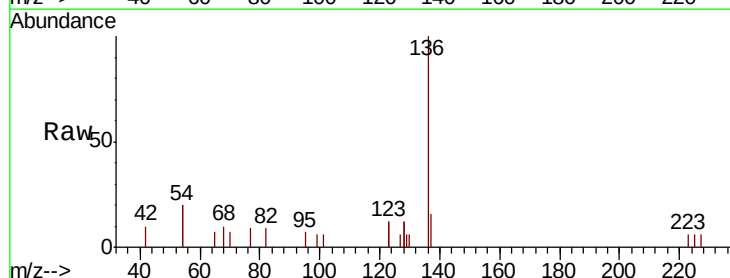
Ion Ratio Lower Upper

136 100

137 15.9 11.6 17.4

54 40.4 33.9 50.9

68 9.8 7.8 11.8

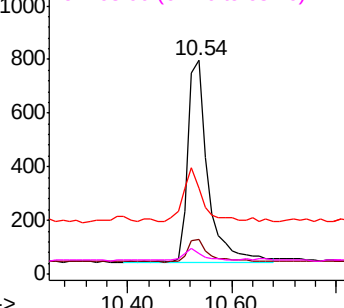


Abundance Ion 136.00 (135.70 to 136.70): E

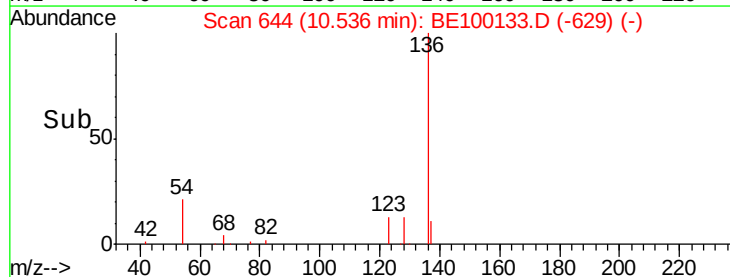
Ion 137.00 (136.70 to 137.70): E

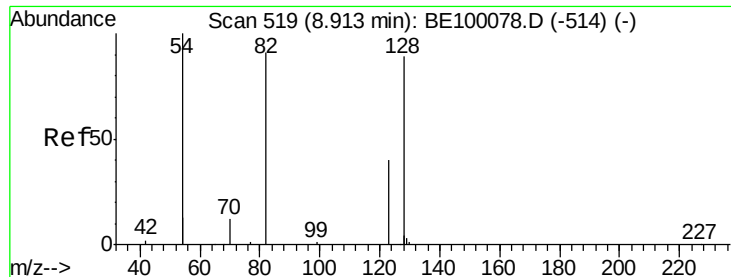
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

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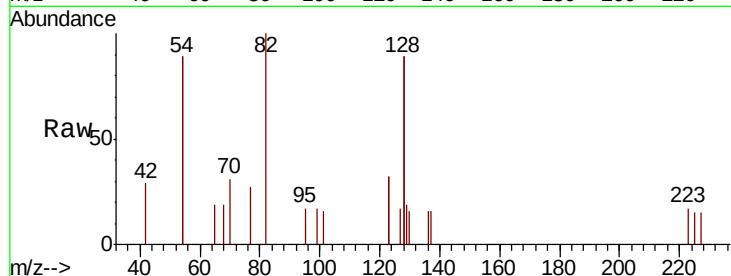
Tgt Ion: 82 Resp: 770

Ion Ratio Lower Upper

82 100

128 178.2 128.0 192.0

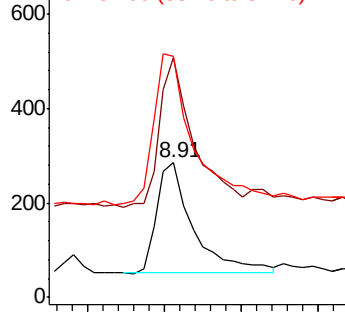
54 178.9 143.4 215.0



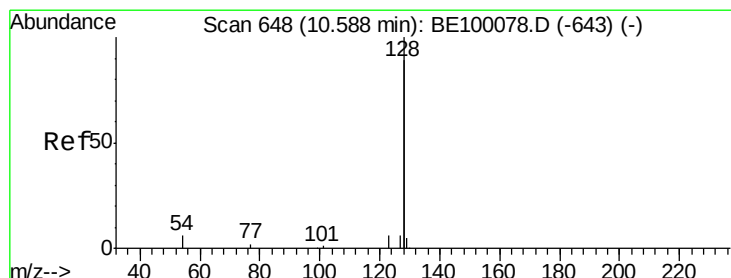
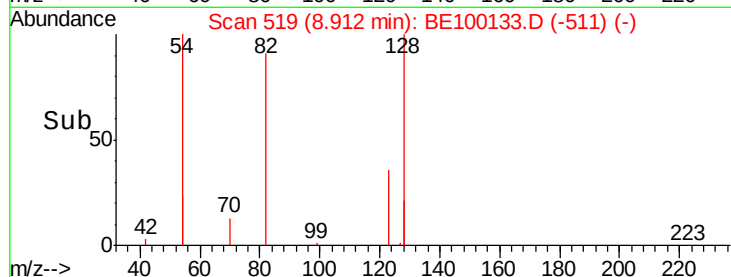
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#9

Naphthalene

Concen: 0.392 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

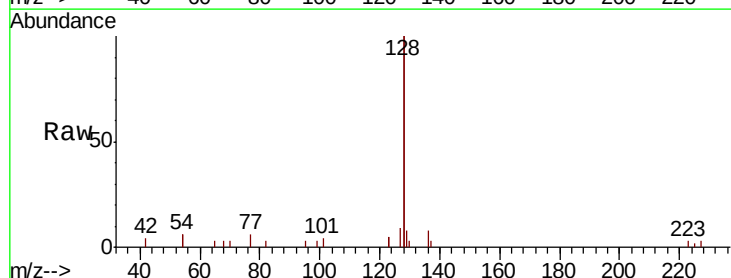
Tgt Ion: 128 Resp: 8628

Ion Ratio Lower Upper

128 100

129 3.8 3.1 4.7

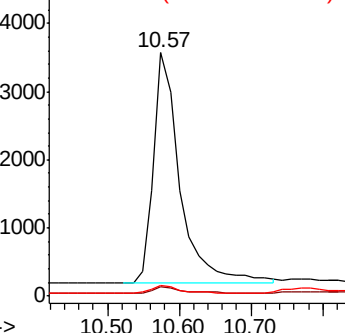
127 4.5 3.4 5.2



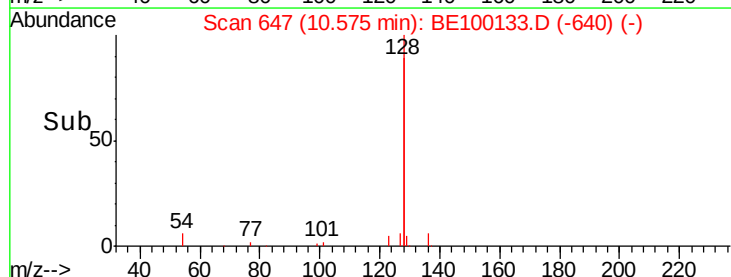
Abundance Ion 128.00 (127.70 to 128.70): E

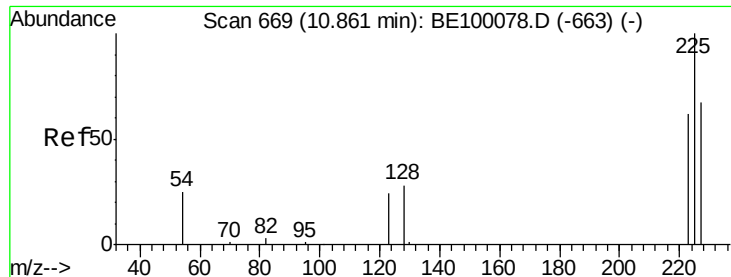
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

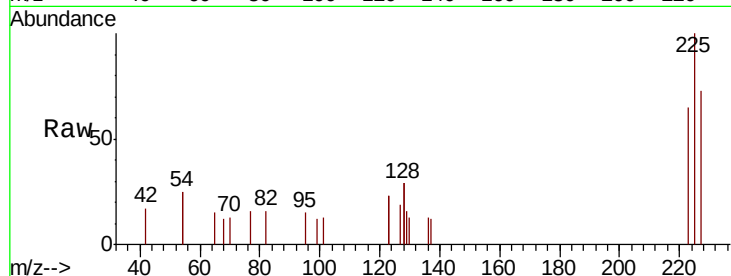




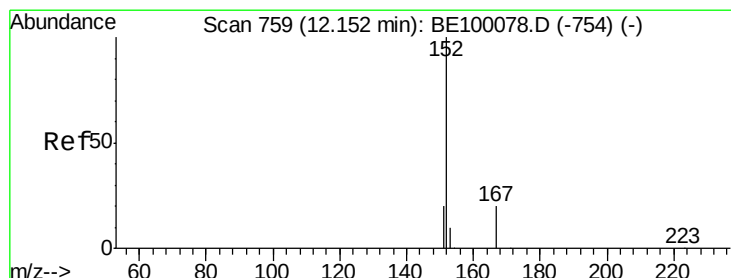
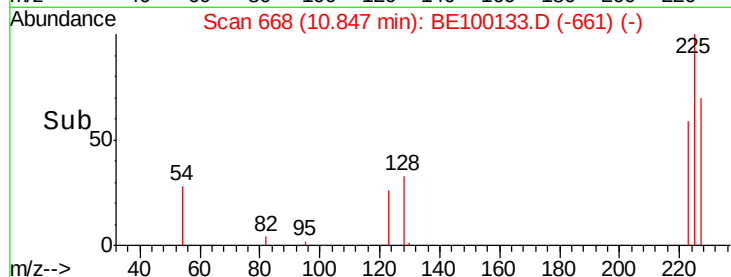
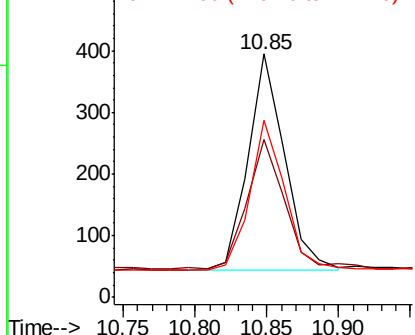
#10
Hexachlorobutadiene
Concen: 0.285 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE100133.D
Acq: 21 Jun 2019 13:16

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Tgt Ion: 225 Resp: 618
Ion Ratio Lower Upper
225 100
223 62.1 52.2 78.4
227 66.8 53.0 79.6

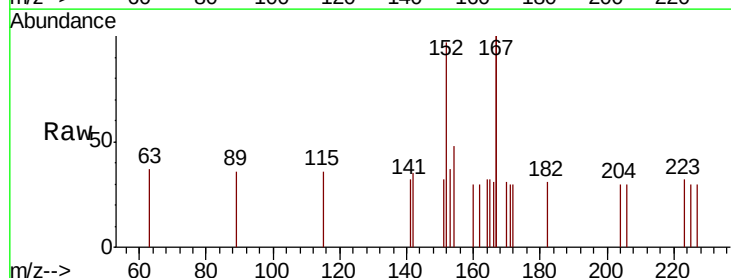


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

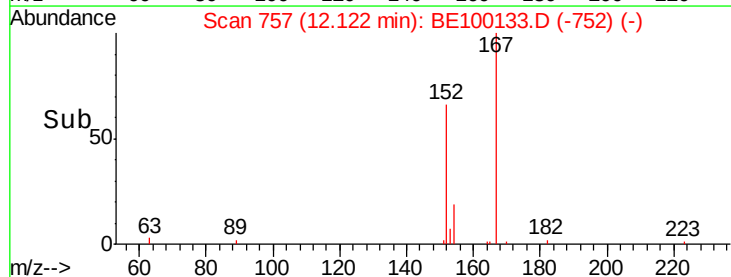
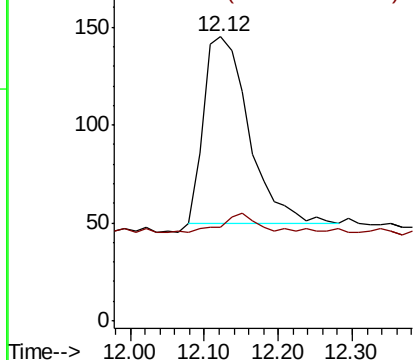


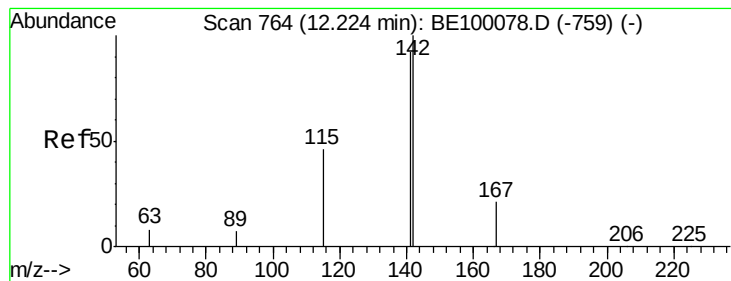
#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100133.D
Acq: 21 Jun 2019 13:16

Tgt Ion: 152 Resp: 400
Ion Ratio Lower Upper
152 100
151 0.0 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: 0.410 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

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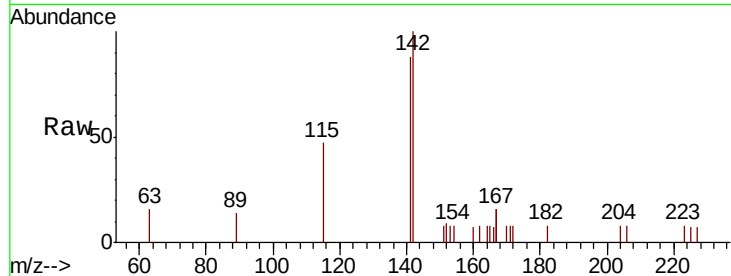
Tgt Ion:142 Resp: 1485

Ion Ratio Lower Upper

142 100

141 88.1 74.1 111.1

115 46.6 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

12.22

600

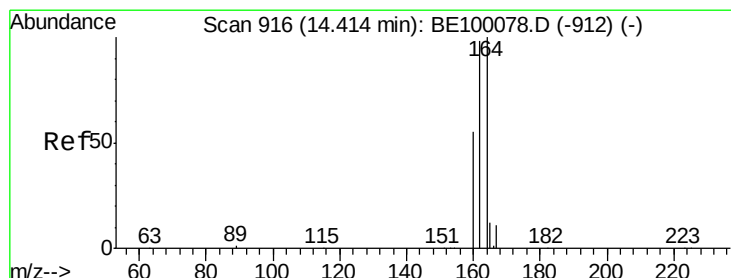
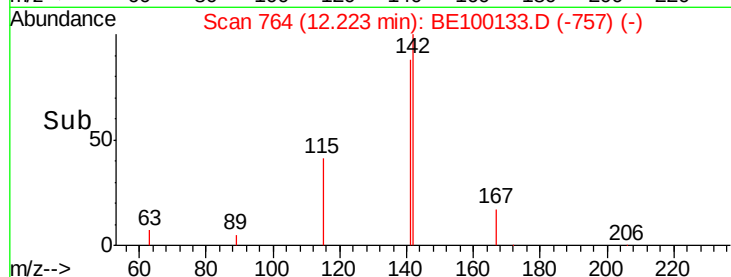
400

200

0

12.10 12.20 12.30

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

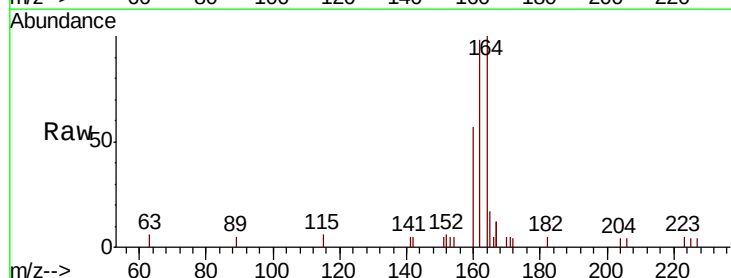
Tgt Ion:164 Resp: 1832

Ion Ratio Lower Upper

164 100

162 97.9 78.2 117.2

160 56.9 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

14.40

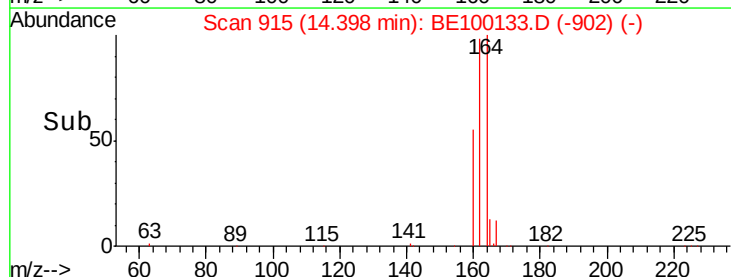
1000

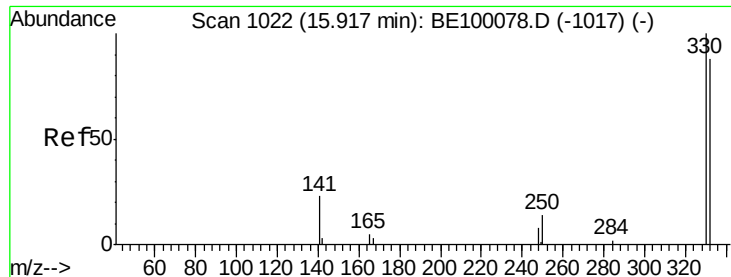
500

0

14.30 14.40 14.50 14.60

Time-->

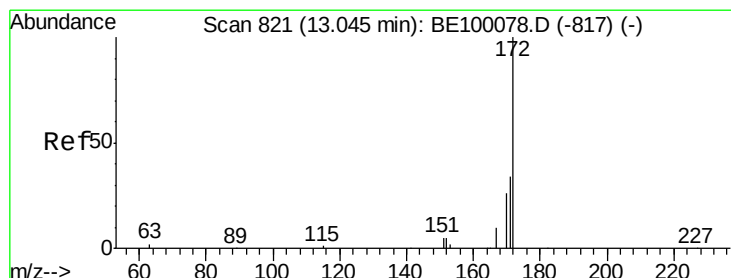
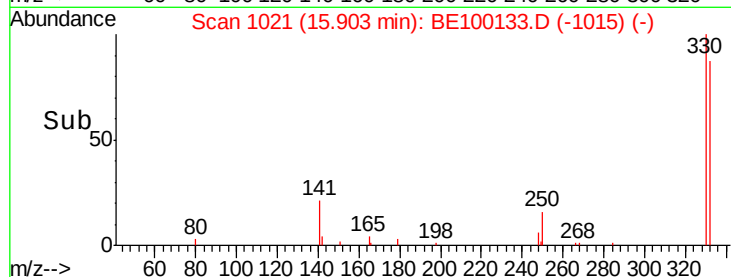
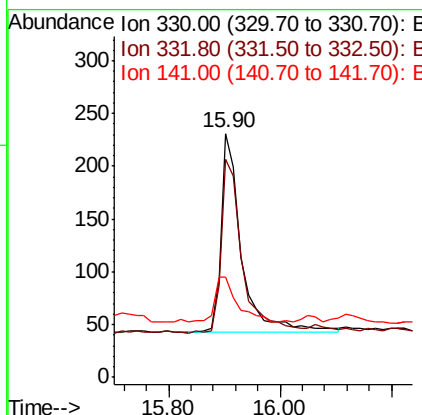
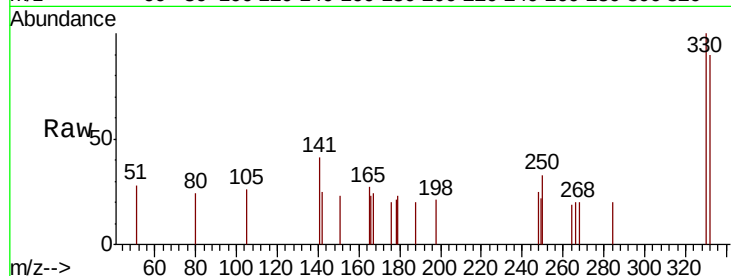




#14
 2,4,6-Tribromophenol
 Concen: 0.472 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

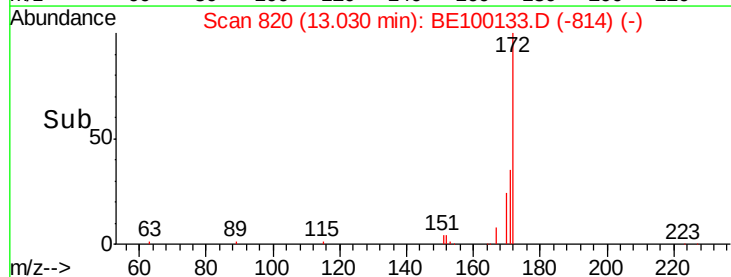
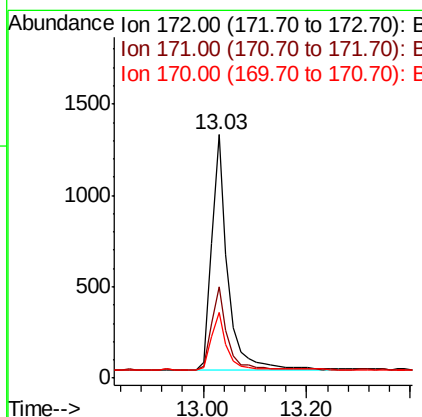
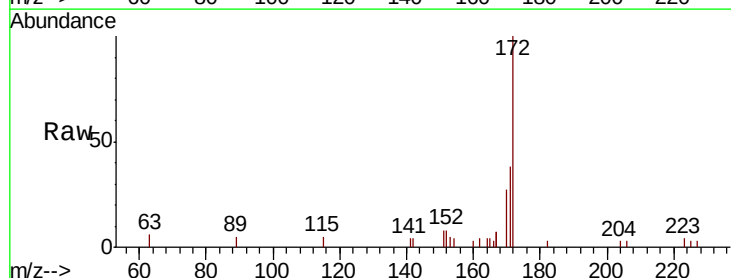
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MS

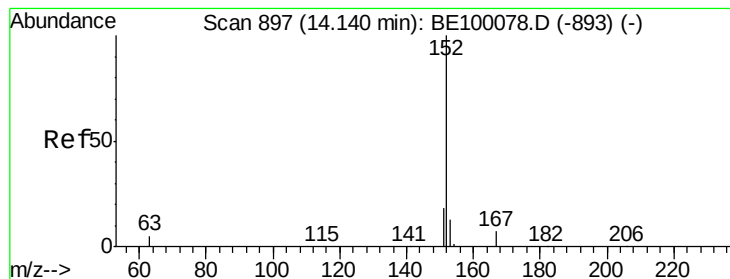
Tgt Ion: 330 Resp: 478
 Ion Ratio Lower Upper
 330 100
 332 91.6 73.3 109.9
 141 23.6 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.389 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

Tgt Ion: 172 Resp: 2802
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.8
 170 26.9 23.2 34.8





#16

Acenaphthylene

Concen: 0.422 ng

RT: 14.12 min Scan# 896

Delta R.T. -0.02 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

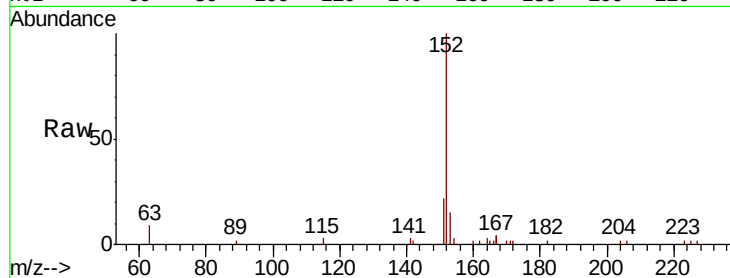
Tgt Ion:152 Resp: 3669

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

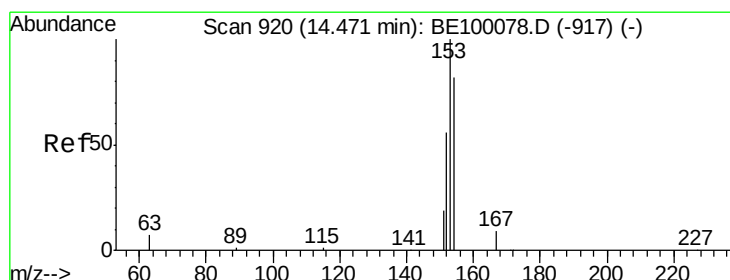
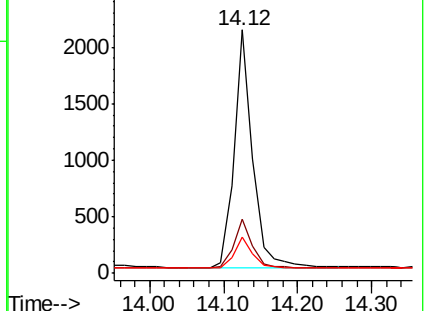
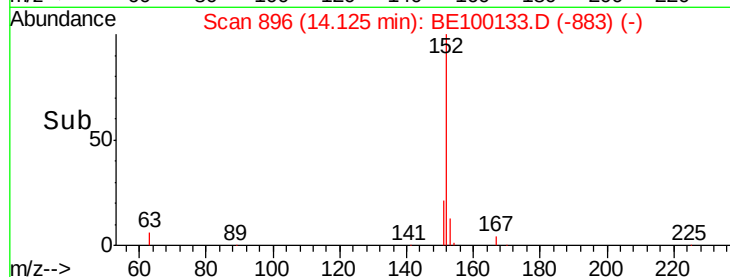
153 13.3 10.1 15.1



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: 0.373 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

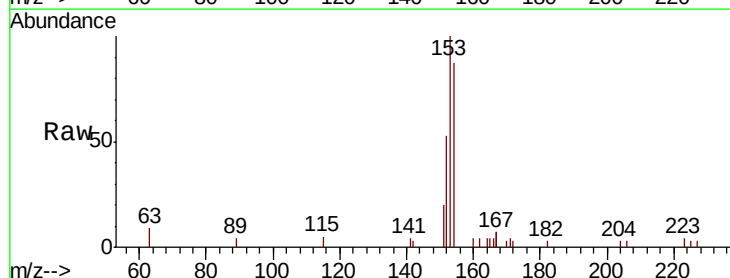
Tgt Ion:154 Resp: 1813

Ion Ratio Lower Upper

154 100

153 119.1 95.5 143.3

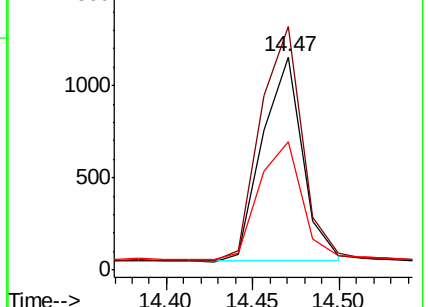
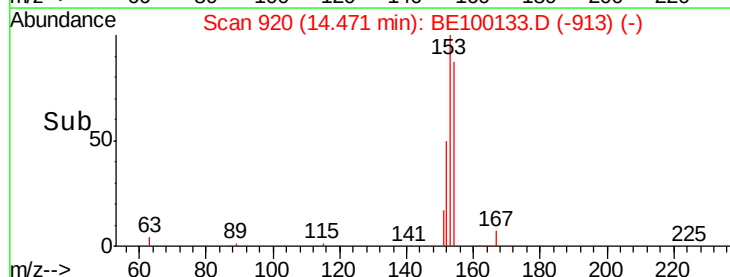
152 61.1 54.9 82.3

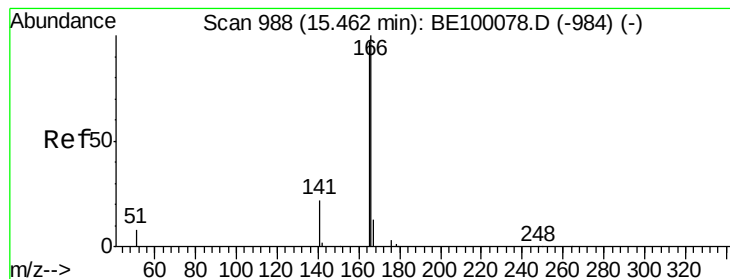


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.409 ng

RT: 15.45 min Scan# 987

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

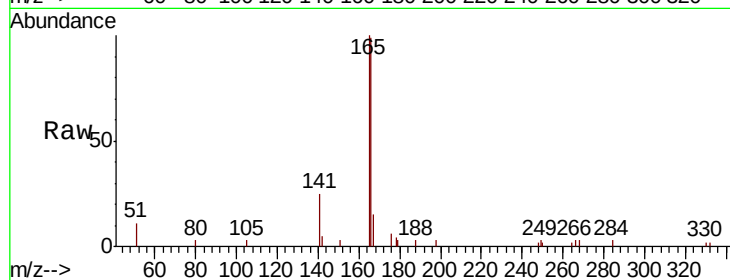
Tgt Ion:166 Resp: 2965

Ion Ratio Lower Upper

166 100

165 102.9 79.8 119.8

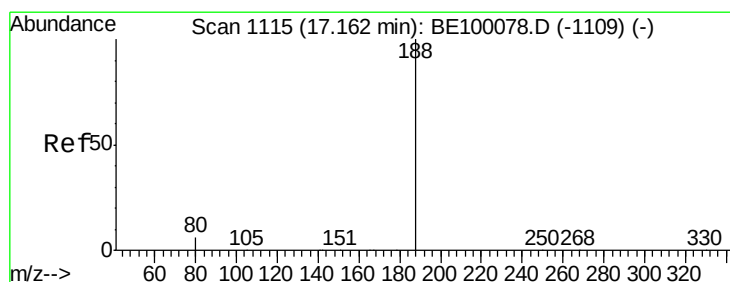
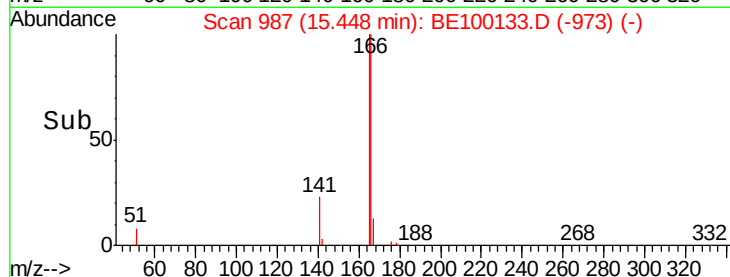
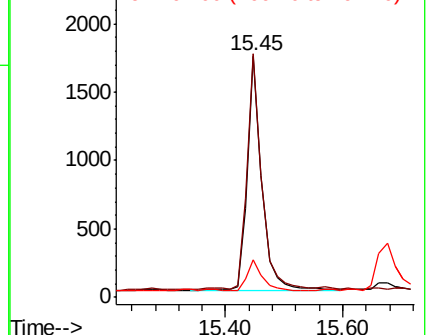
167 13.3 10.2 15.4



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: BE100133.D

Acq: 21 Jun 2019 13:16

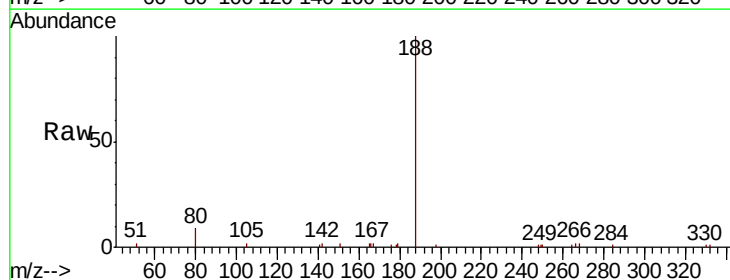
Tgt Ion:188 Resp: 6587

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

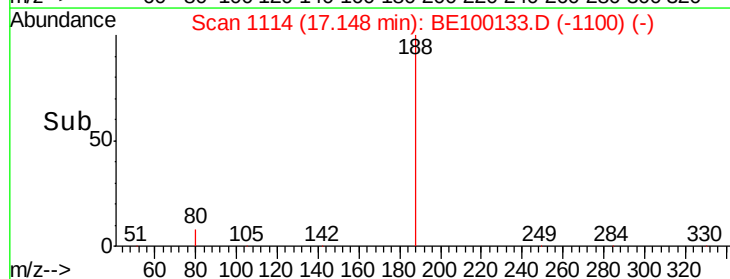
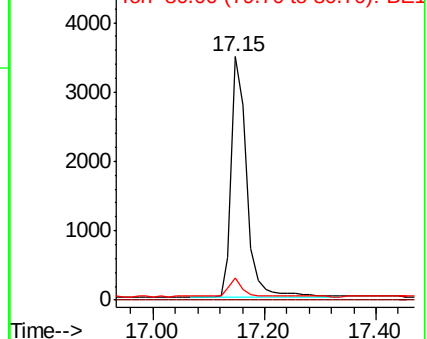
80 9.2 6.3 9.5

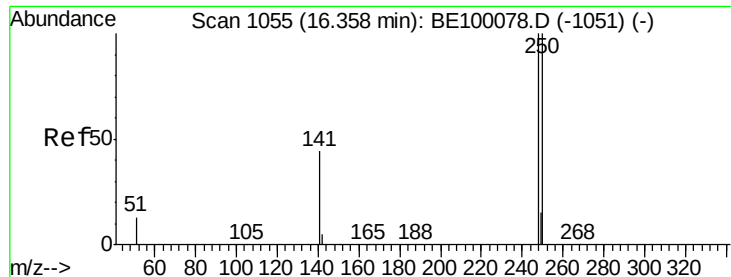


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#20

4-Bromophenyl-phenylether

Concen: 0.336 ng

RT: 16.34 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

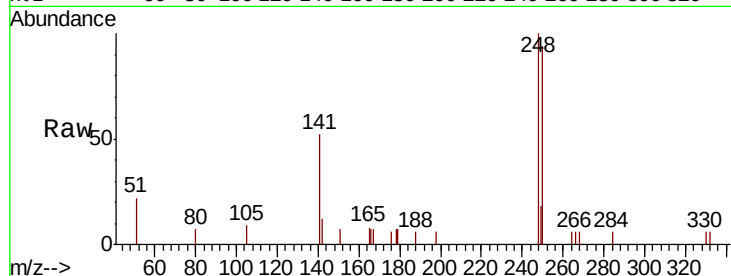
Tgt Ion:248 Resp: 1317

Ion Ratio Lower Upper

248 100

250 93.7 80.6 120.8

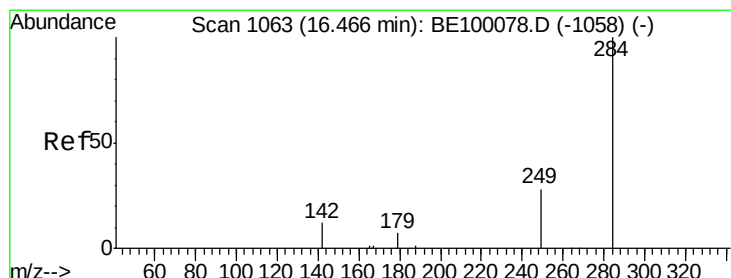
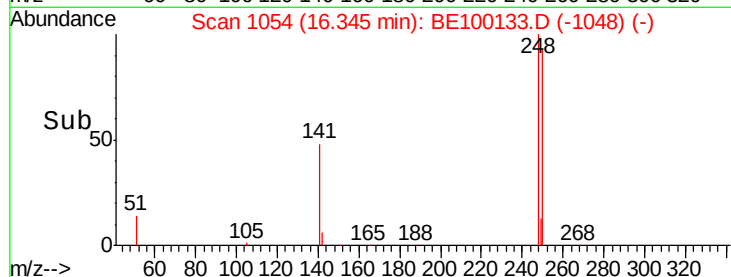
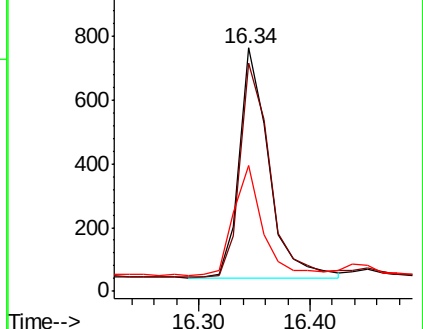
141 51.8 38.8 58.2



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: 0.288 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

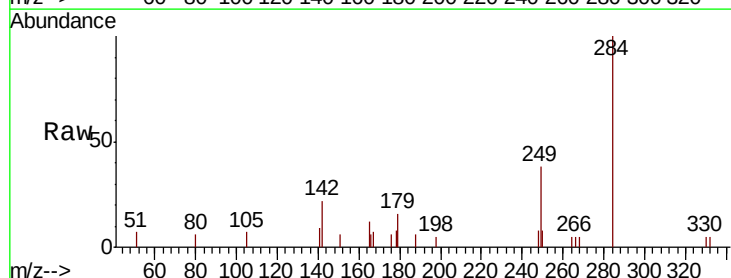
Tgt Ion:284 Resp: 1244

Ion Ratio Lower Upper

284 100

142 24.5 20.7 31.1

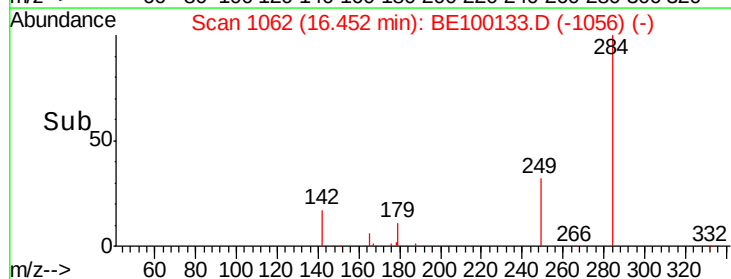
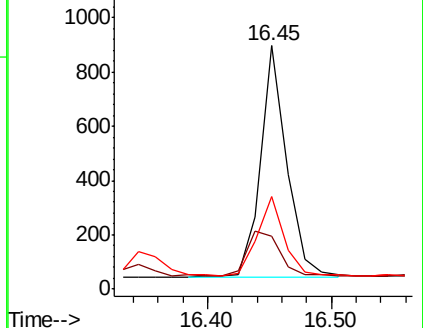
249 34.9 26.6 39.8

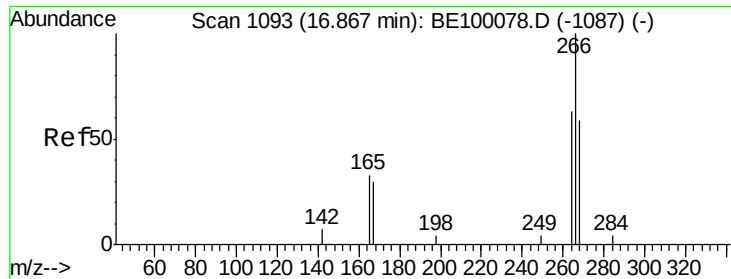


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.784 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

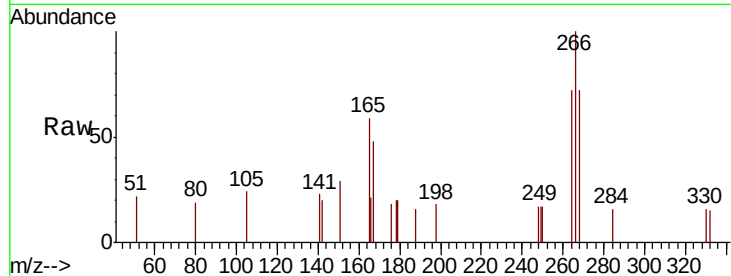
Tgt Ion:266 Resp: 760

Ion Ratio Lower Upper

266 100

264 71.9 67.8 101.6

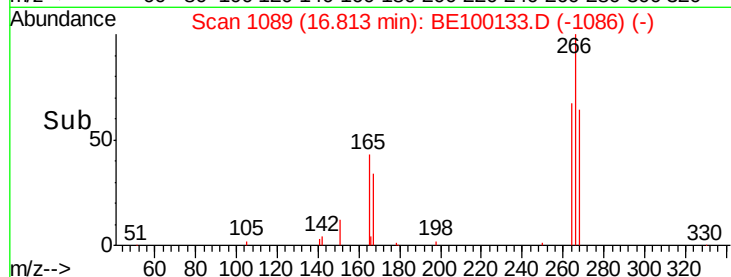
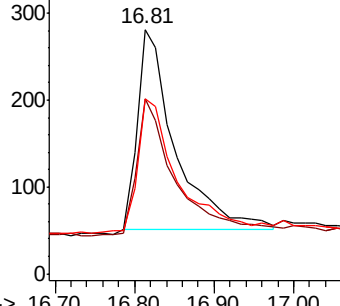
268 71.5 70.0 105.0



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: 0.615 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

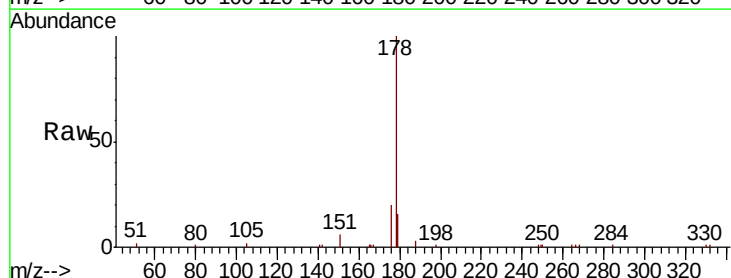
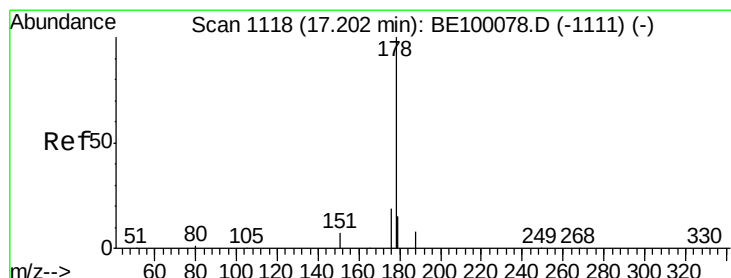
Tgt Ion:178 Resp: 9701

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

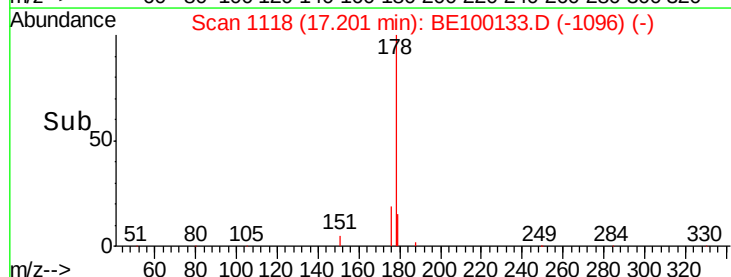
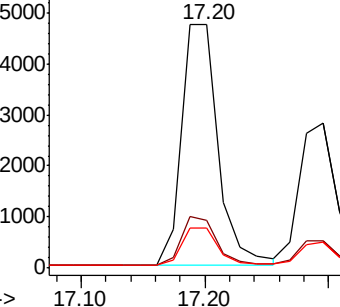
179 15.7 13.1 19.7

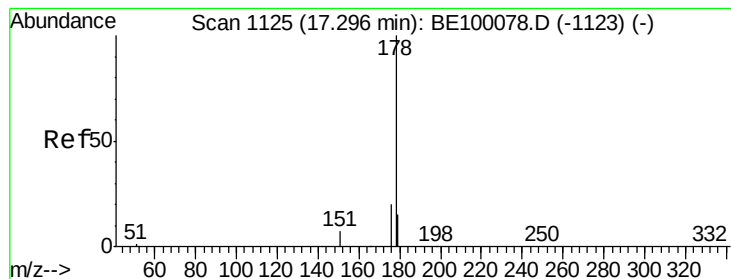


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.424 ng

RT: 17.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

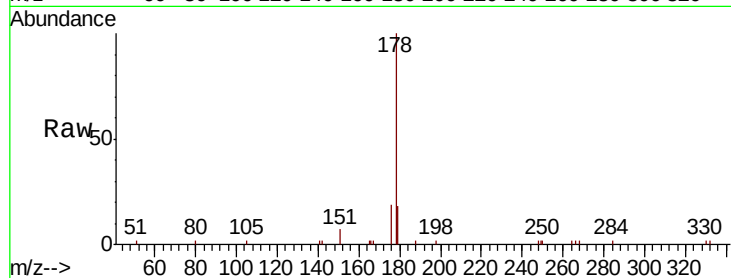
Tgt Ion:178 Resp: 5647

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.6

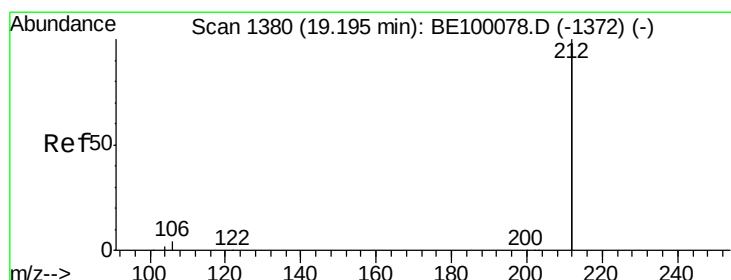
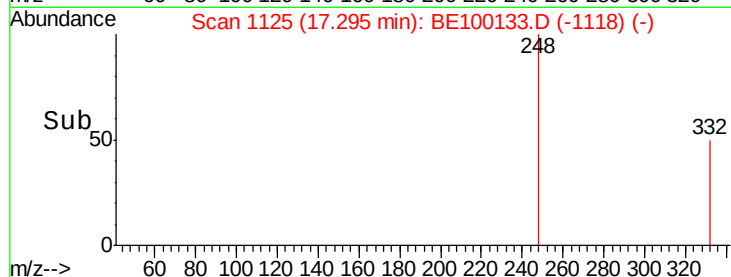
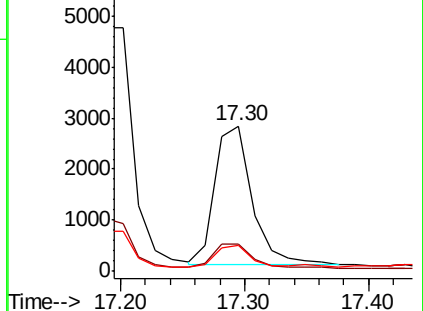
179 14.1 12.0 18.0



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: 0.032 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

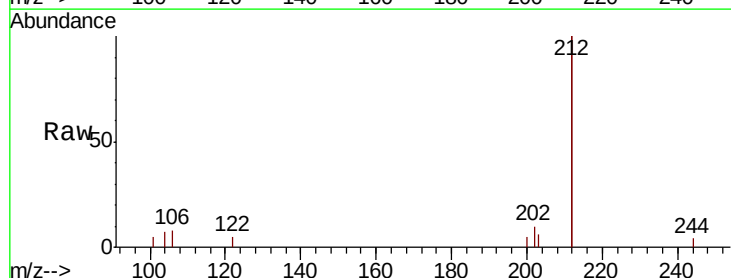
Tgt Ion:212 Resp: 3015

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

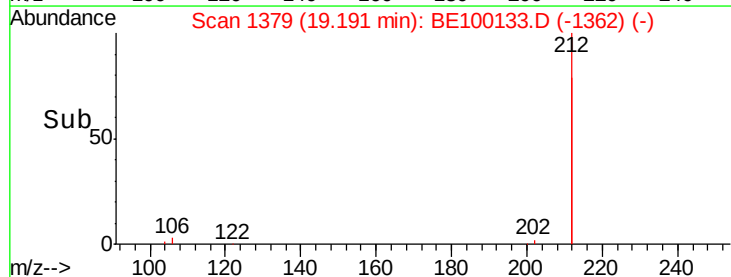
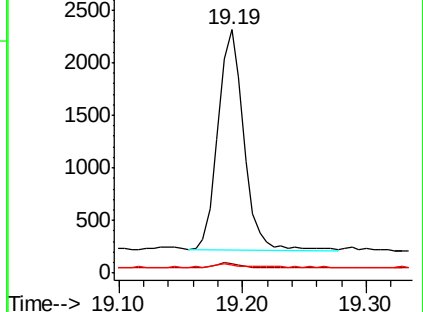
104 1.3 0.8 1.2#

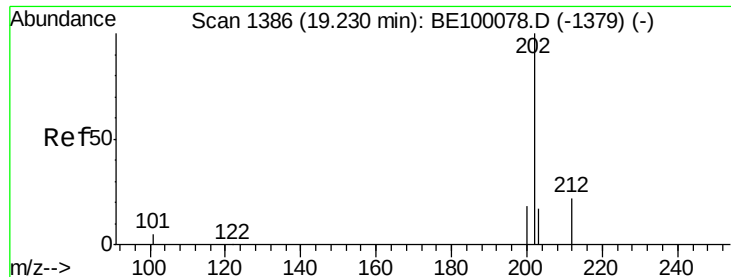


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

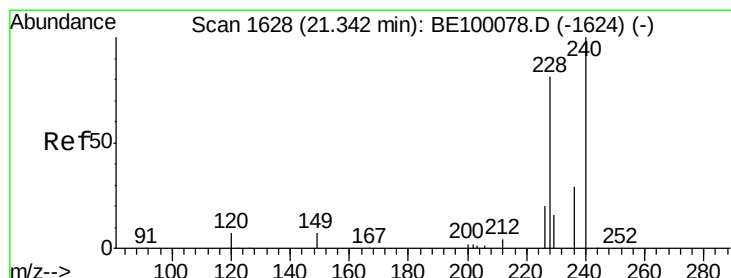
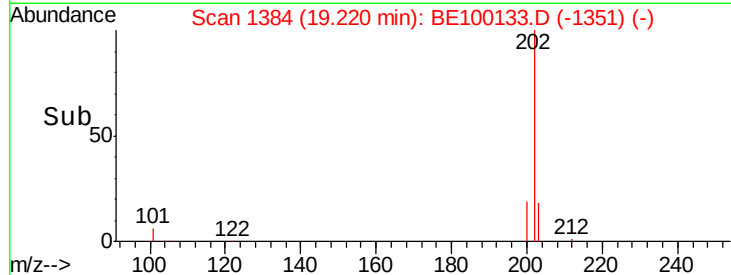
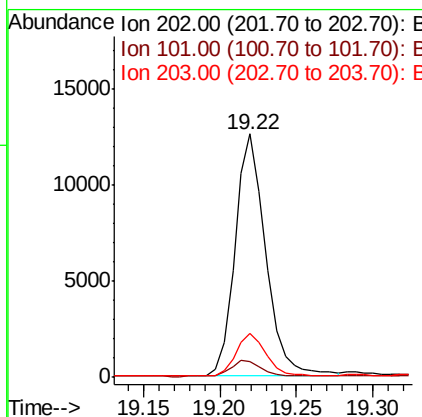
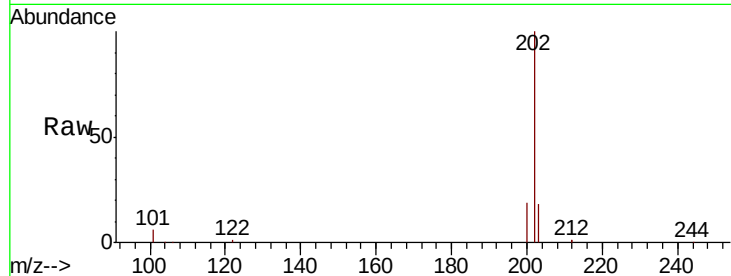




#26
Fluoranthene
 Concen: 0.694 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

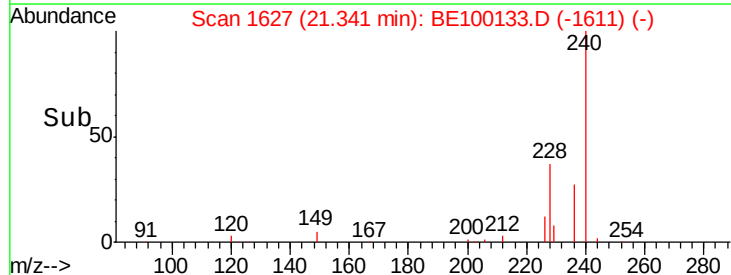
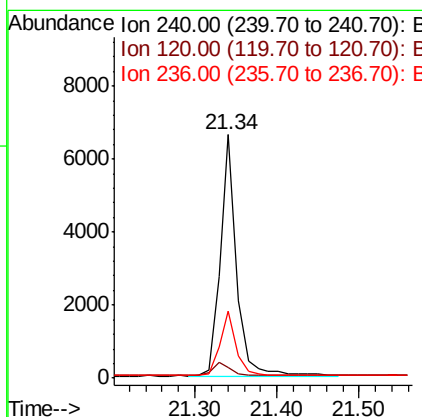
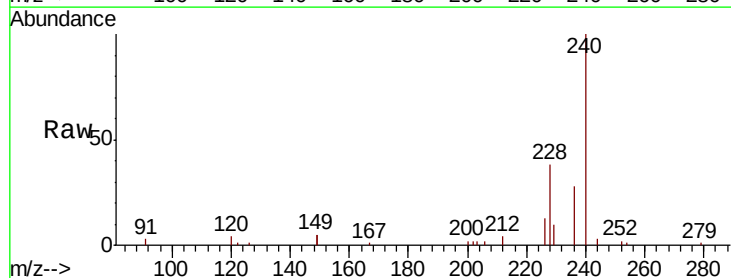
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MS

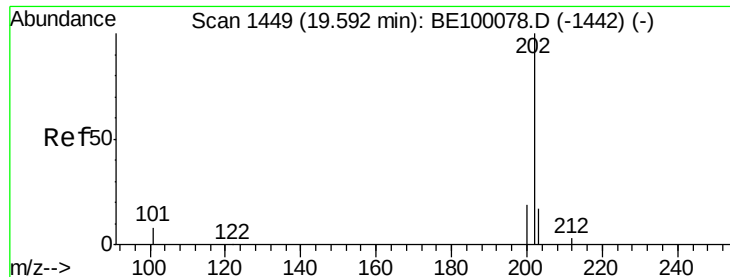
Tgt Ion: 202 Resp: 17581
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.0 7.4
 203 17.5 13.7 20.5



#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

Tgt Ion: 240 Resp: 9177
 Ion Ratio Lower Upper
 240 100
 120 4.3 6.6 10.0#
 236 27.8 23.8 35.6

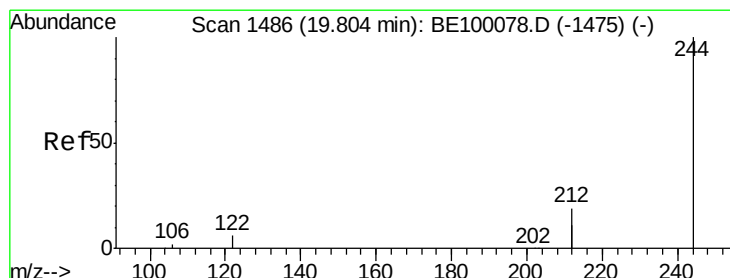
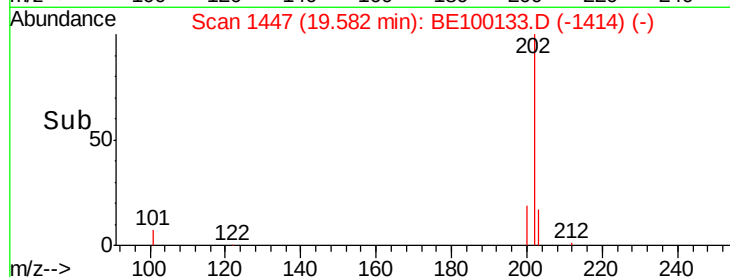
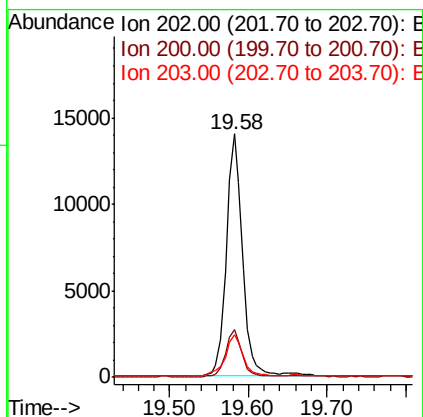
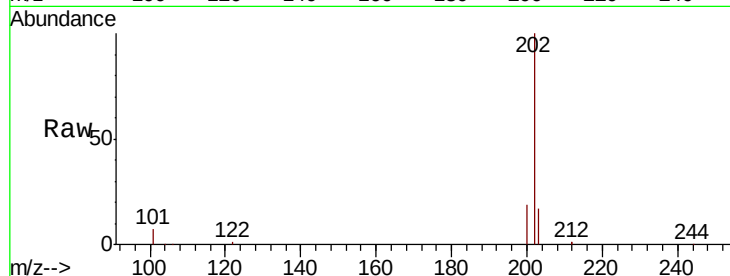




#28
Pyrene
Concen: 0.851 ng
RT: 19.58 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BE100133.D
Acq: 21 Jun 2019 13:16

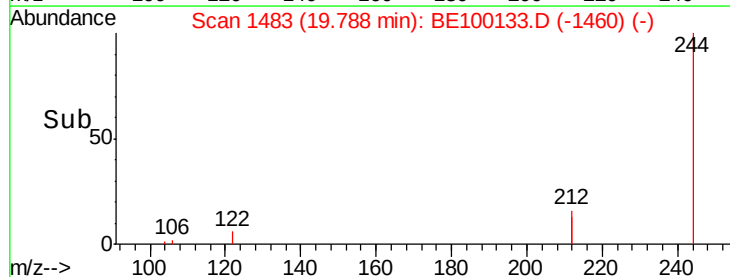
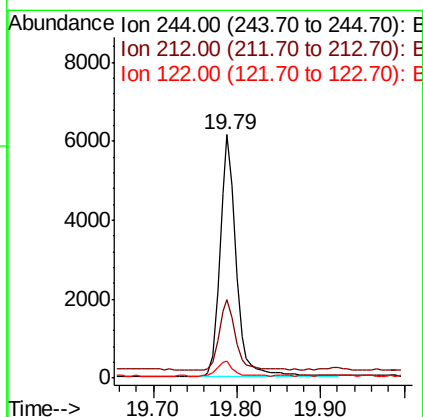
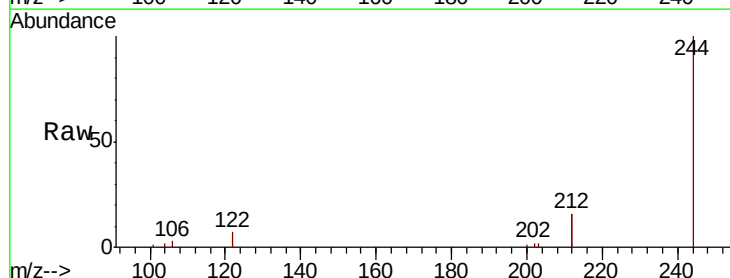
Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319MS

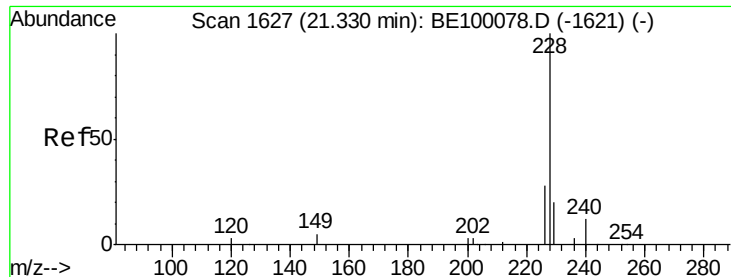
Tgt Ion:202 Resp: 20064
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 18.8 13.9 20.9



#29
Terphenyl-d14
Concen: 0.446 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100133.D
Acq: 21 Jun 2019 13:16

Tgt Ion:244 Resp: 8186
Ion Ratio Lower Upper
244 100
212 32.2 29.8 44.8
122 6.8 6.1 9.1





#30

Benzo(a)anthracene

Concen: 0.653 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

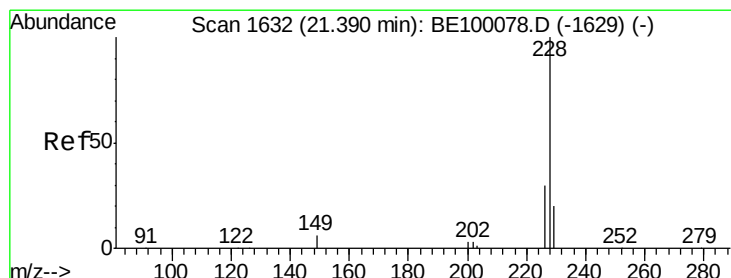
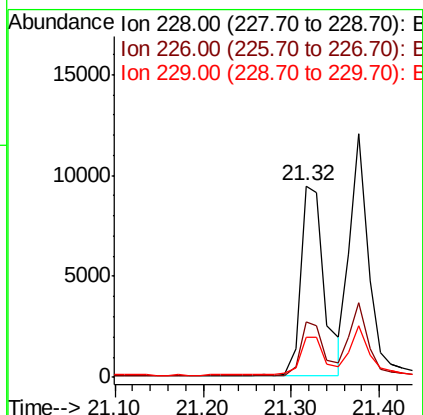
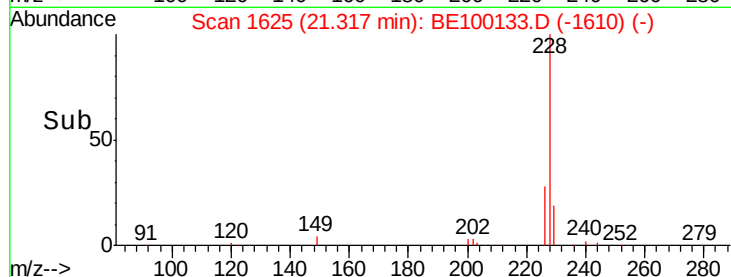
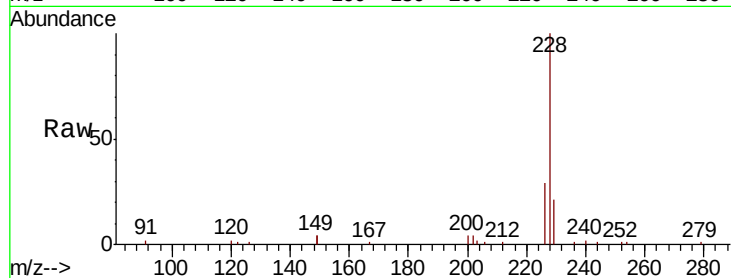
Tgt Ion:228 Resp: 17831

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

229 20.7 16.4 24.6



#31

Chrysene

Concen: 0.551 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

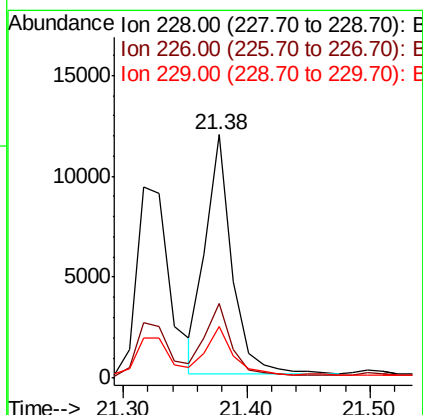
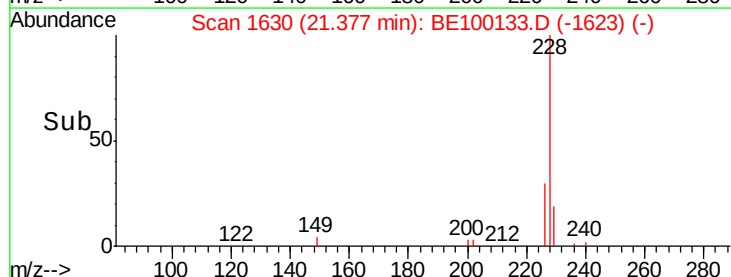
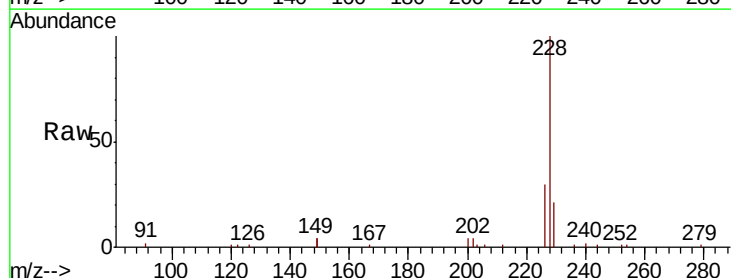
Tgt Ion:228 Resp: 17470

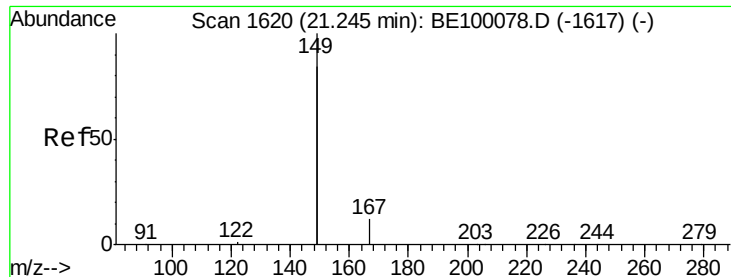
Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 21.0 16.3 24.5

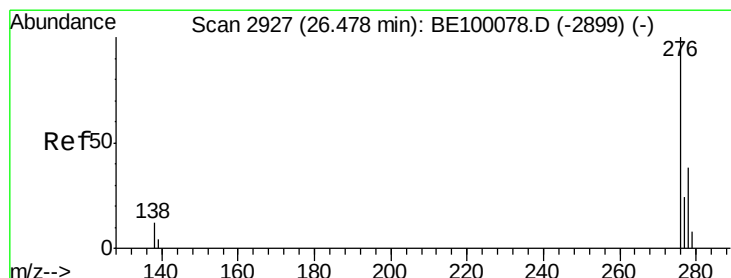
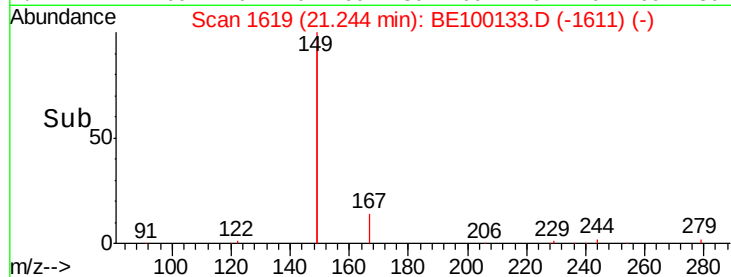
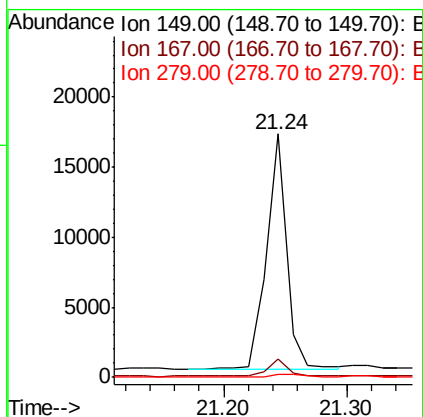
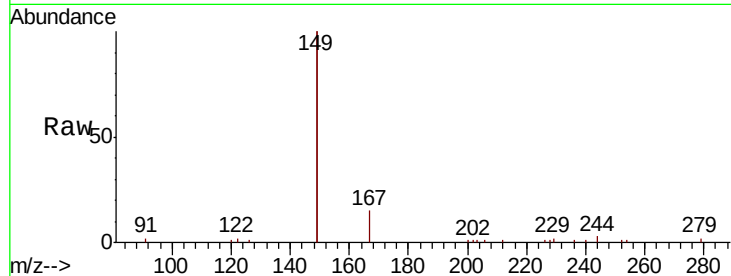




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.739 ng
 RT: 21.24 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

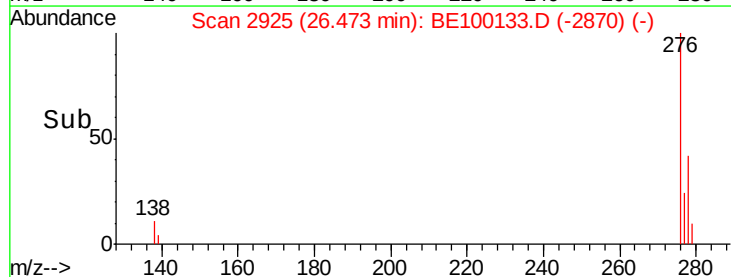
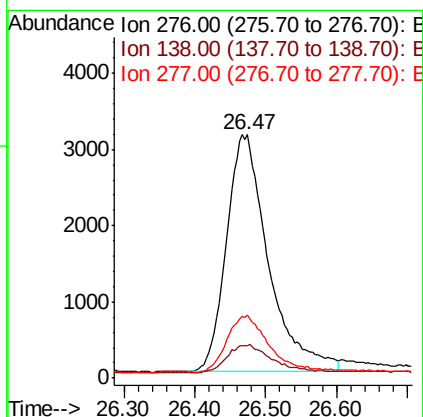
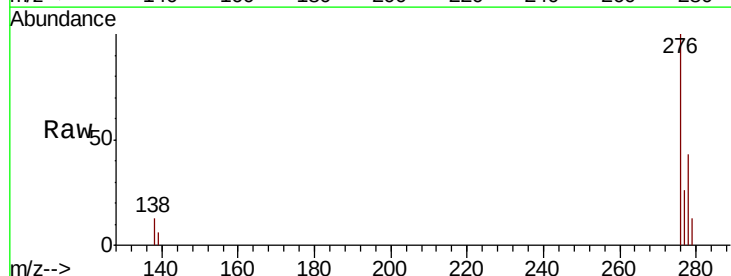
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MS

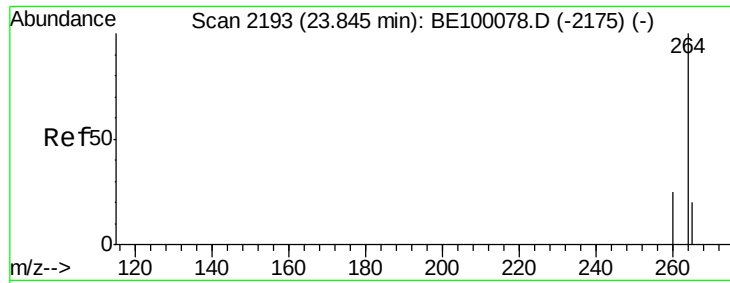
Tgt Ion:149 Resp: 19042
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.6
 279 1.3 1.1 1.7



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.360 ng
 RT: 26.47 min Scan# 2925
 Delta R.T. -0.00 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

Tgt Ion:276 Resp: 12867
 Ion Ratio Lower Upper
 276 100
 138 12.5 4.3 6.5#
 277 23.8 19.4 29.0

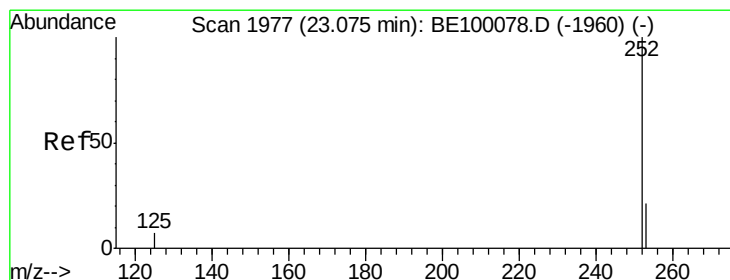
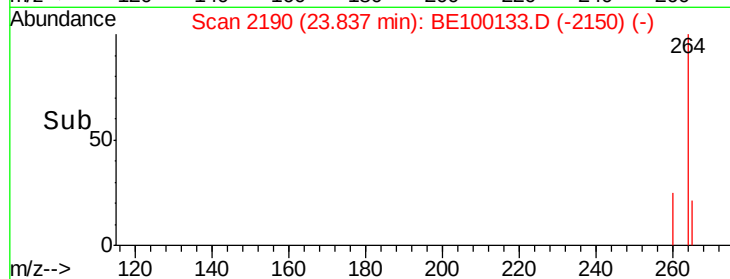
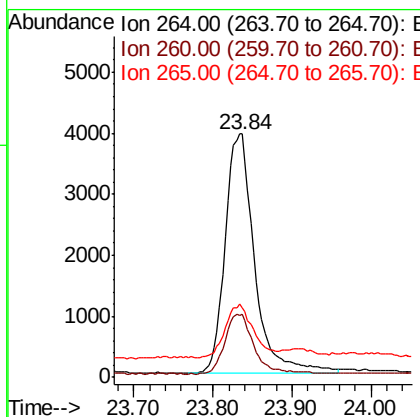
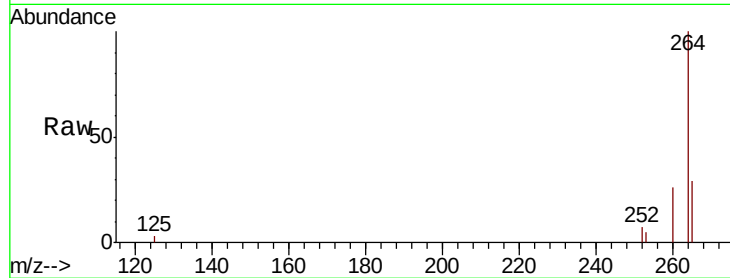




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

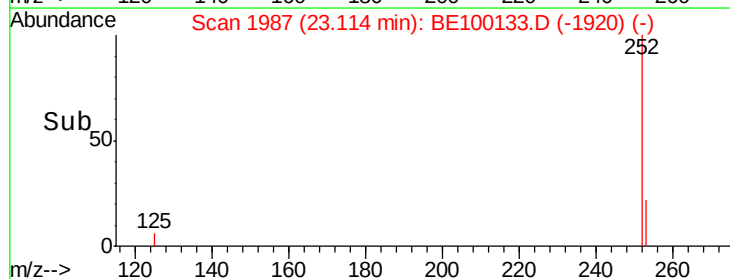
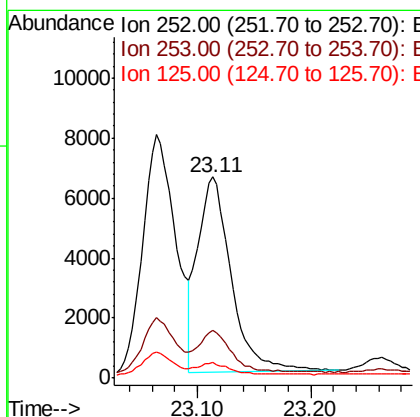
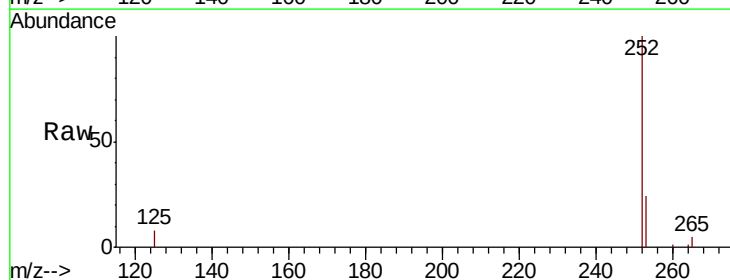
Instrument :
 BNA_E
 ClientSampleId :
 PST-084-B045-061319MS

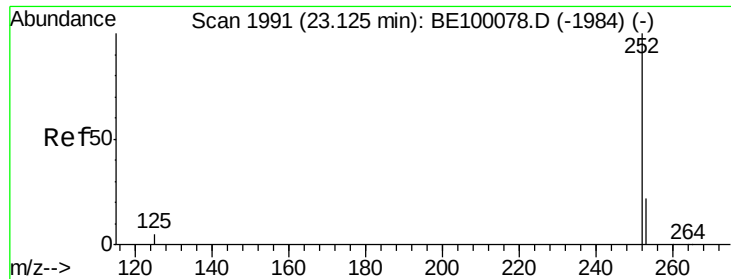
Tgt Ion: 264 Resp: 10177
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.8 31.2
 265 28.6 23.2 34.8



#35
 Benzo(b)fluoranthene
 Concen: 0.451 ng
 RT: 23.11 min Scan# 1987
 Delta R.T. 0.04 min
 Lab File: BE100133.D
 Acq: 21 Jun 2019 13:16

Tgt Ion: 252 Resp: 13480
 Ion Ratio Lower Upper
 252 100
 253 23.7 18.4 27.6
 125 7.6 6.4 9.6





#36

Benzo(k)fluoranthene

Concen: 0.413 ng

RT: 23.11 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

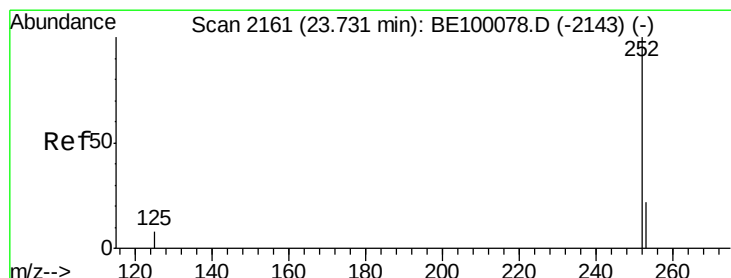
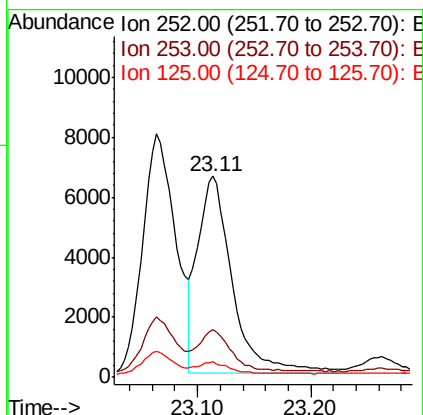
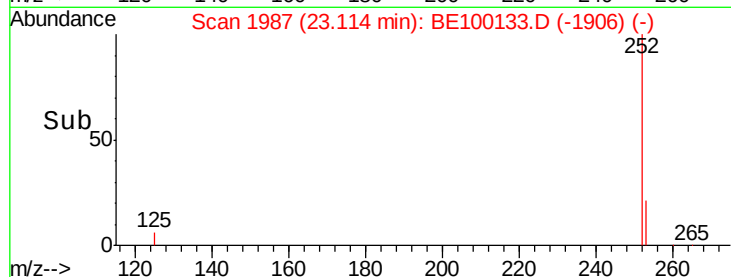
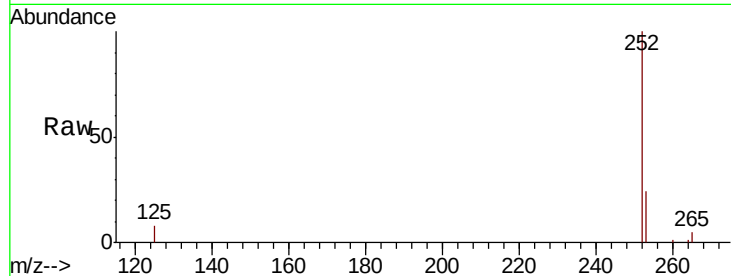
Tgt Ion:252 Resp: 14038

Ion Ratio Lower Upper

252 100

253 23.7 18.9 28.3

125 7.6 5.3 7.9



#37

Benzo(a)pyrene

Concen: 0.484 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

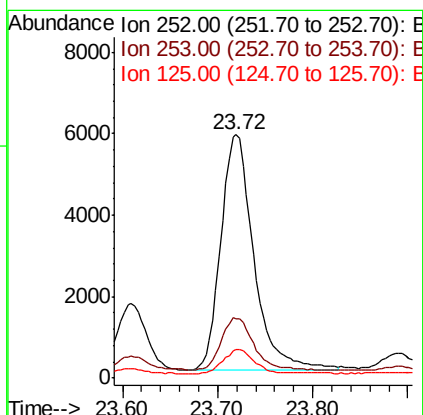
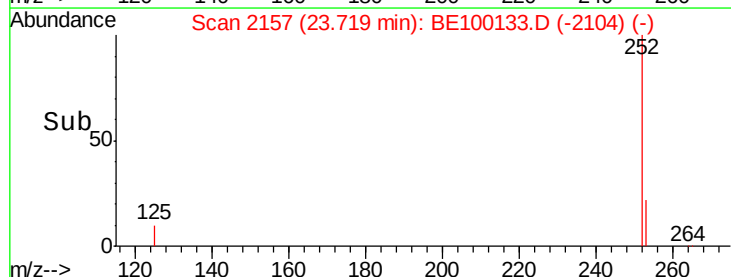
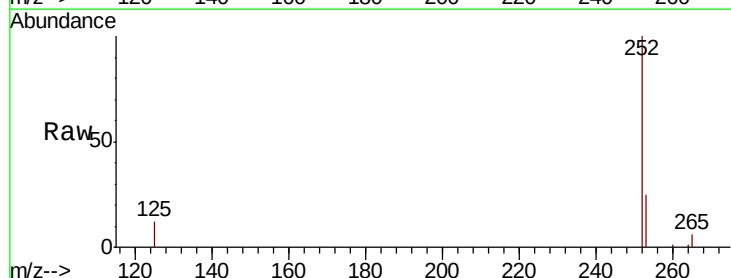
Tgt Ion:252 Resp: 13951

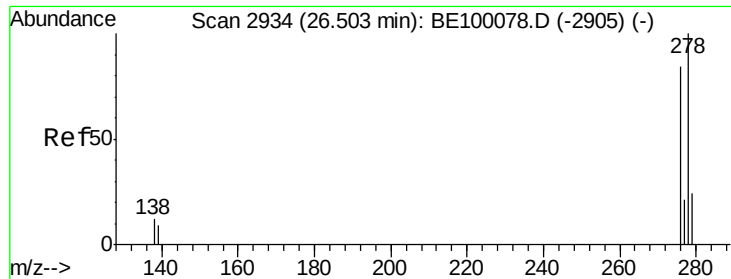
Ion Ratio Lower Upper

252 100

253 24.5 19.4 29.2

125 11.5 8.0 12.0





#38

Dibenzo(a,h)anthracene

Concen: 0.291 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.01 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

Instrument :

BNA_E

ClientSampleId :

PST-084-B045-061319MS

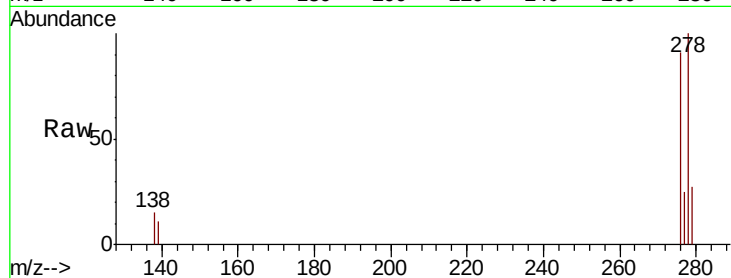
Tgt Ion: 278 Resp: 8596

Ion Ratio Lower Upper

278 100

139 11.2 9.0 13.6

279 27.4 21.4 32.0

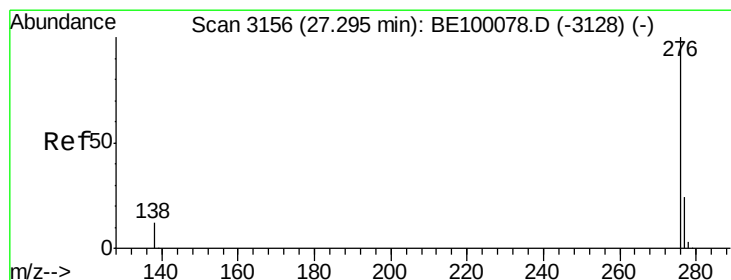
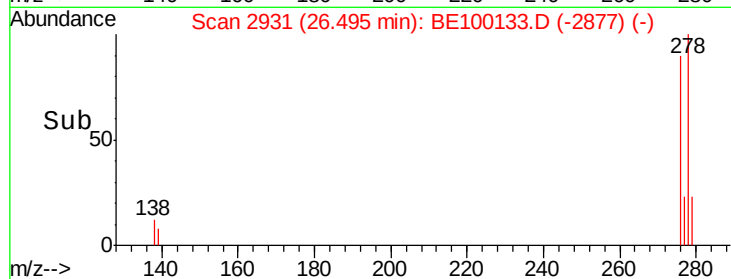
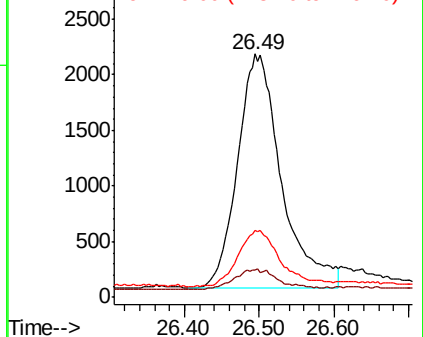


Abundance

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: 0.394 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BE100133.D

Acq: 21 Jun 2019 13:16

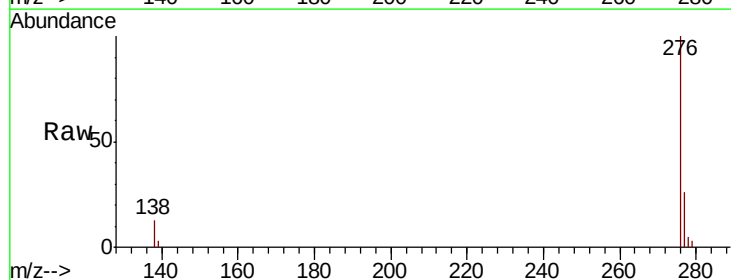
Tgt Ion: 276 Resp: 12104

Ion Ratio Lower Upper

276 100

277 26.1 20.3 30.5

138 13.3 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

