

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100325.D
 Acq On : 3 Jul 2019 12:56
 Operator : JU/SJ
 Sample : K3505-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-013-B214-062019DL

Quant Time: Jul 04 00:35:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	439	0.40	ng	0.01
7) Naphthalene-d8	10.45	136	1895	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	1738	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5424	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7524	0.40	ng	0.00
34) Perylene-d12	23.67	264	8716	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	14	0.01	ng	-0.02
5) Phenol-d6	6.80	99	8	0.01	ng	-0.04
8) Nitrobenzene-d5	8.87	82	15	0.01	ng	0.05
11) 2-Methylnaphthalene-d10	12.05	152	102	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	10	0.01	ng	0.04
15) 2-Fluorobiphenyl	12.94	172	164	0.02	ng	0.00
25) Fluoranthene-d10	19.09	212	1553	0.02	ng	0.00
29) Terphenyl-d14	19.69	244	2028	0.13	ng	0.00

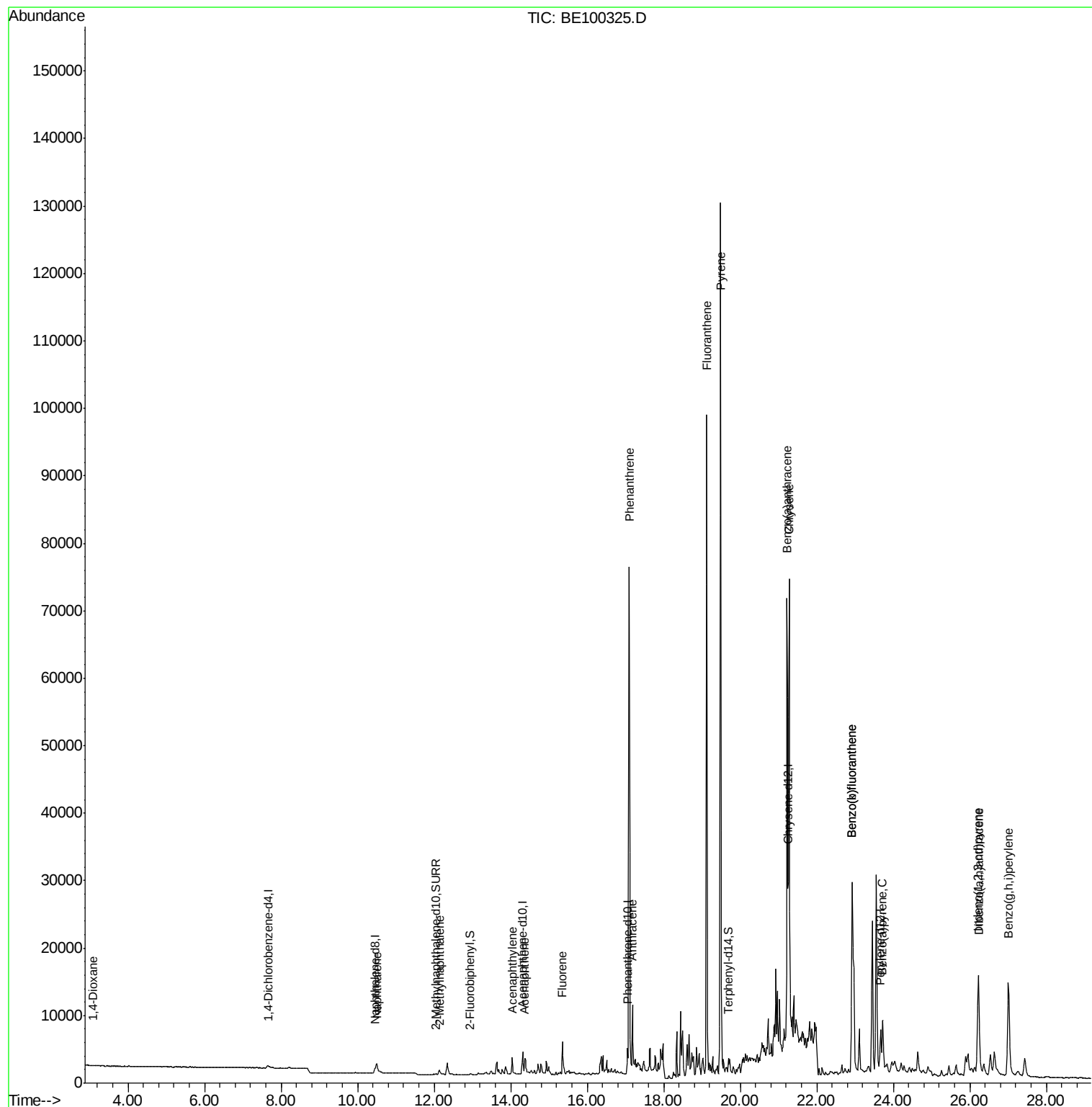
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	35	0.051	ng	# 24
9) Naphthalene	10.50	128	4243	0.203	ng	# 93
12) 2-Methylnaphthalene	12.14	142	851	0.232	ng	97
16) Acenaphthylene	14.04	152	3184	0.382	ng	97
17) Acenaphthene	14.37	154	1426	0.302	ng	97
18) Fluorene	15.35	166	4534	0.649	ng	96
23) Phenanthrene	17.09	178	78516	5.973	ng	100
24) Anthracene	17.19	178	10758	0.909	ng	# 96
26) Fluoranthene	19.12	202	94168	4.497	ng	99
28) Pvrene	19.48	202	128124	6.432	ng	96
30) Benzo(a)anthracene	21.22	228	63152	2.553	ng	98
31) Chrysene	21.28	228	69977	2.817	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	1492	Below Cal		# 90
33) Indeno(1,2,3-cd)pyrene	26.22	276	31027	0.944	ng	# 97
35) Benzo(b)fluoranthene	22.93	252	58533	2.477	ng	# 96
36) Benzo(k)fluoranthene	22.93	252	58533	2.219	ng	98
37) Benzo(a)pvrene	23.72	252	9476	0.400	ng	95
38) Dibenzo(a,h)anthracene	26.24	278	7766	0.314	ng	# 87
39) Benzo(g,h,i)perylene	27.01	276	36164	1.423	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.65 min Scan# 416

Delta R.T. 0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

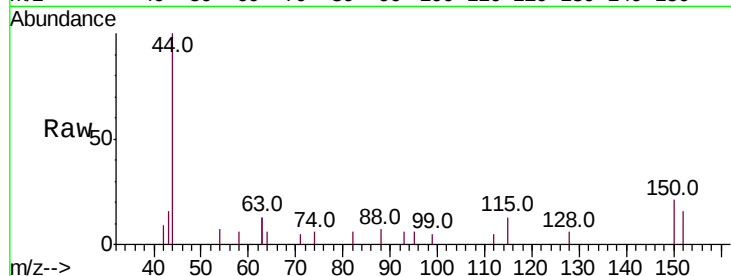
Tot Ion:152 Resp: 439

Ion Ratio Lower Upper

152 100

150 138.0 114.5 171.7

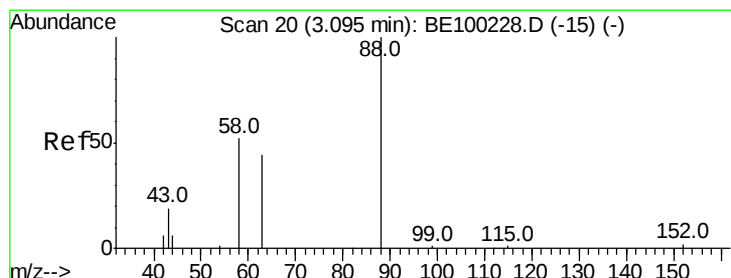
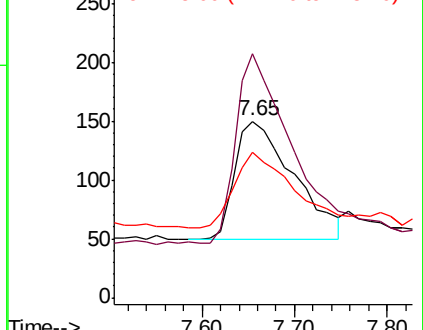
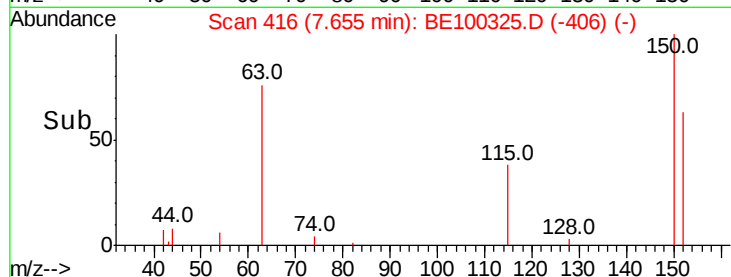
115 82.7 57.1 85.7



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: 0.051 ng

RT: 3.08 min Scan# 19

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

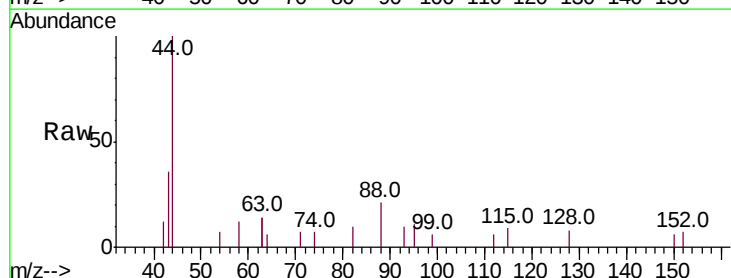
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

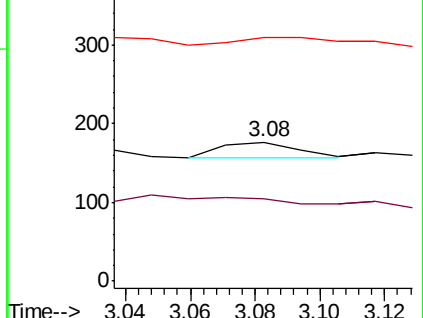
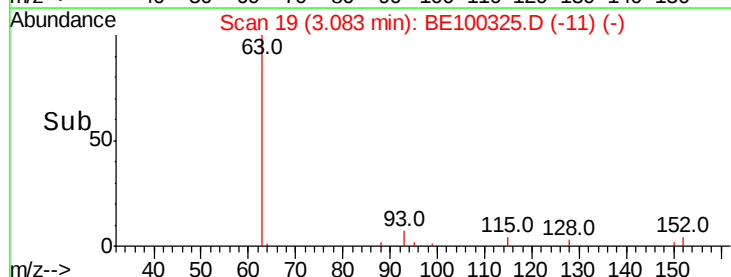
43 65.7 21.4 32.0#

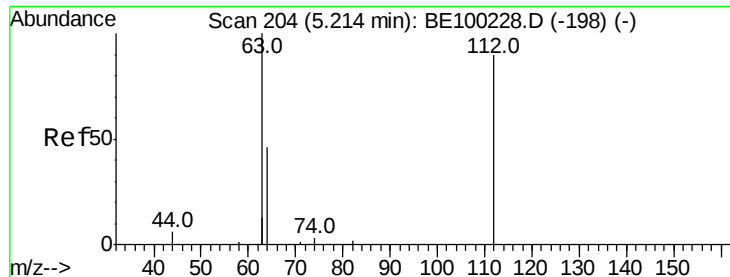


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.013 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

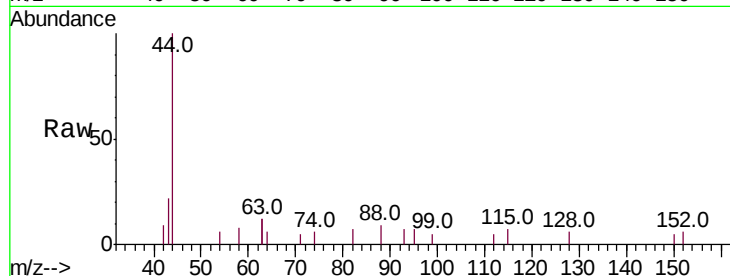
Tot Ion: 112 Resp: 14

Ion Ratio Lower Upper

112 100

64 121.4 39.4 59.0#

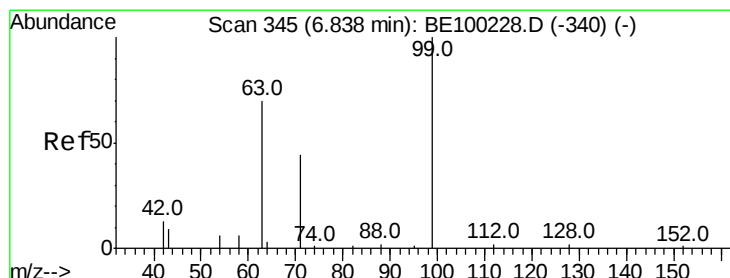
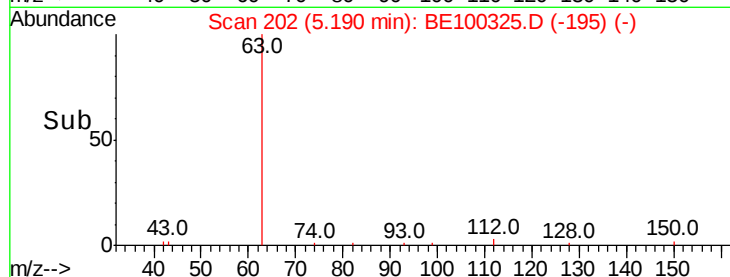
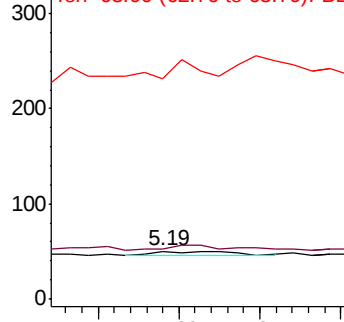
63 128.6 104.5 156.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.005 ng

RT: 6.80 min Scan# 342

Delta R.T. -0.04 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

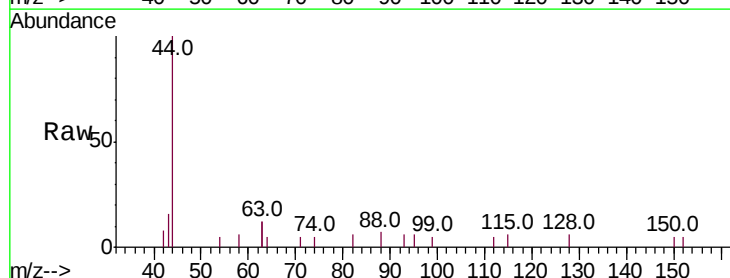
Tgt Ion: 99 Resp: 8

Ion Ratio Lower Upper

99 100

42 212.5 11.2 16.8#

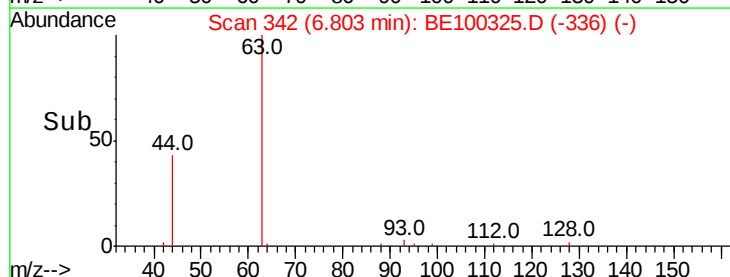
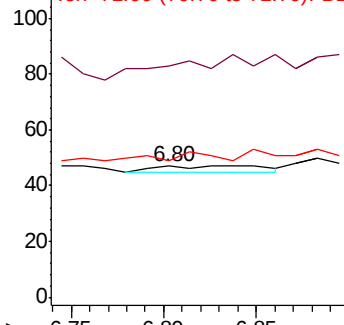
71 75.0 37.2 55.8#

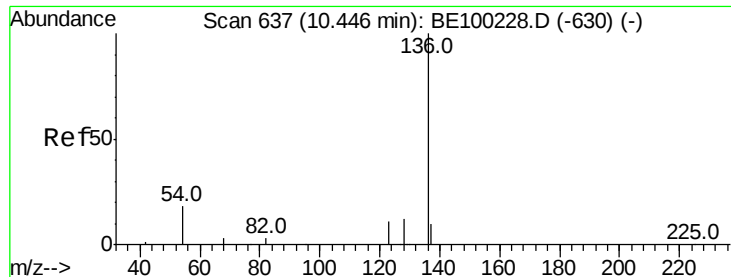


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

Tot Ion:136 Resp: 1895

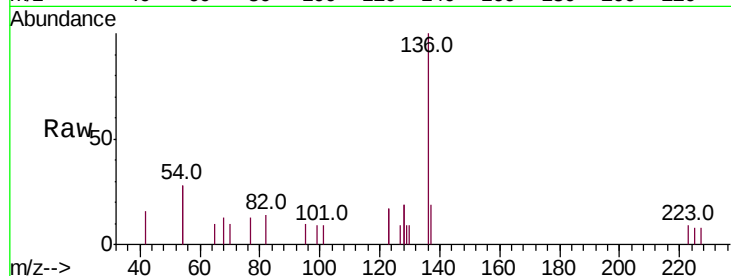
Ion Ratio Lower Upper

136 100

137 18.6 11.8 17.8#

54 56.3 27.7 41.5#

68 13.2 6.8 10.2#

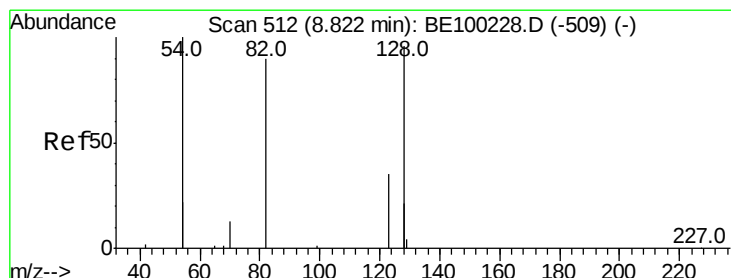
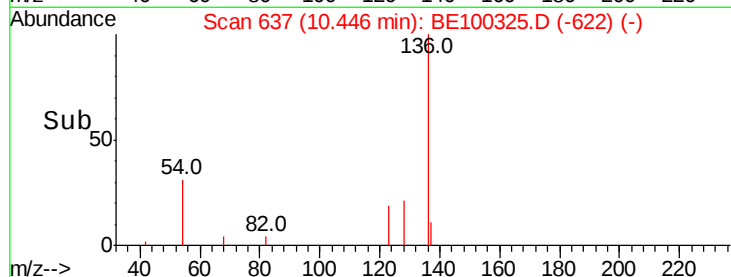
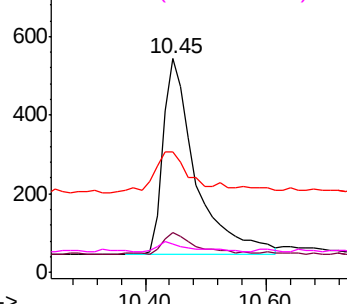


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.008 ng

RT: 8.87 min Scan# 516

Delta R.T. 0.05 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

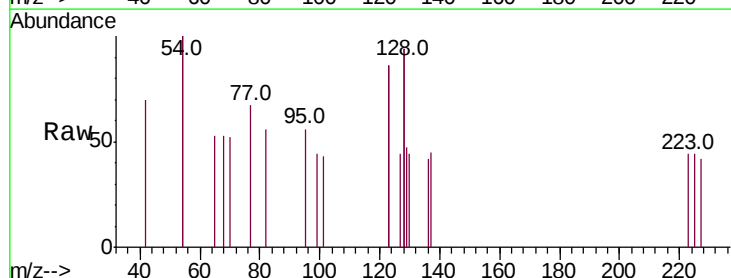
Tgt Ion: 82 Resp: 15

Ion Ratio Lower Upper

82 100

128 340.0 140.9 211.3#

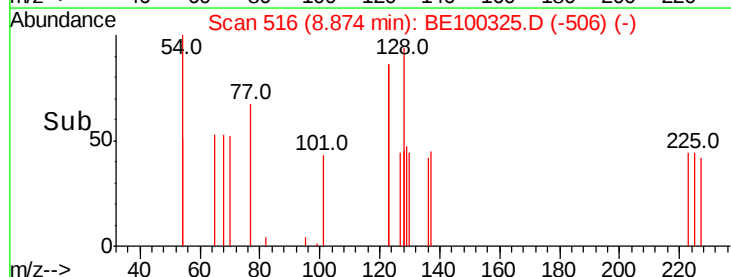
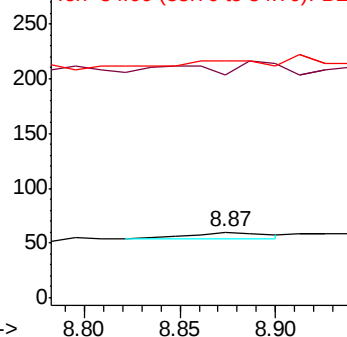
54 360.0 146.2 219.2#

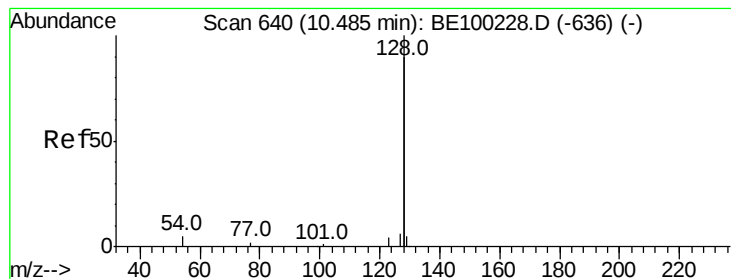


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.203 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

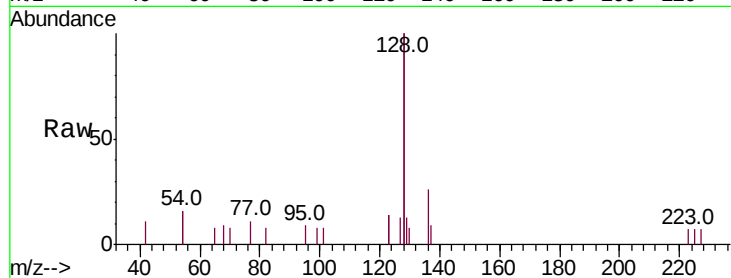
Tot Ion:128 Resp: 4243

Ion Ratio Lower Upper

128 100

129 6.4 3.0 4.6#

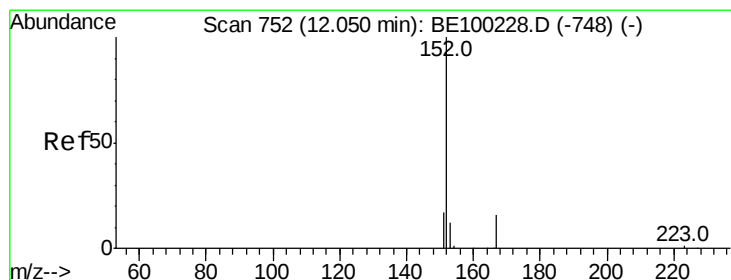
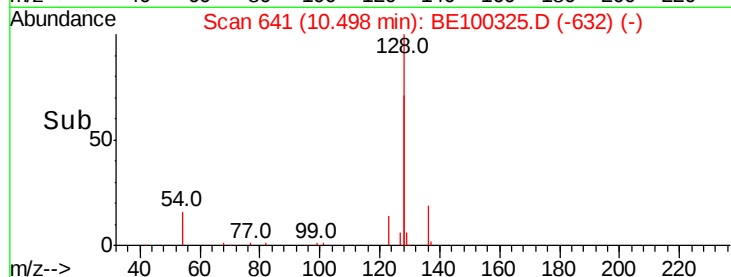
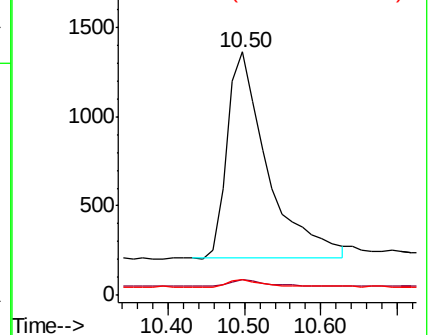
127 6.4 3.5 5.3#



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



#11

2-Methylnaphthalene-d10

Concen: 0.029 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100325.D

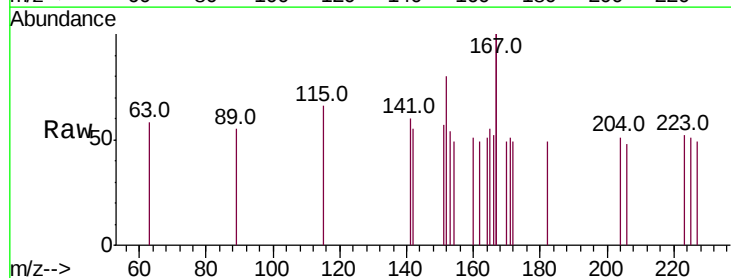
Acq: 3 Jul 2019 12:56

Tgt Ion:152 Resp: 102

Ion Ratio Lower Upper

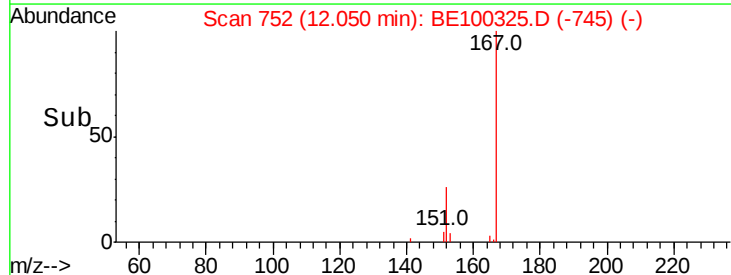
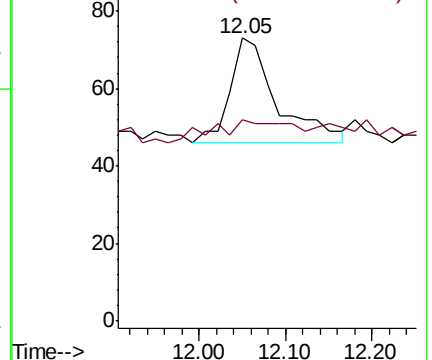
152 100

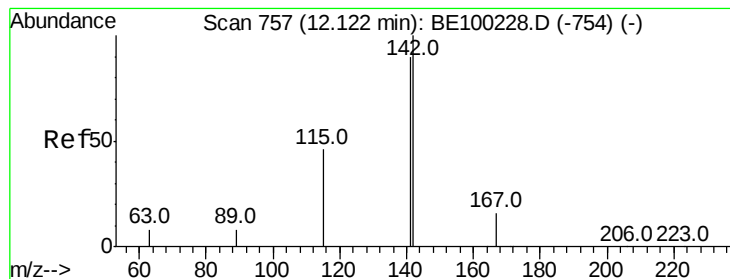
151 27.5 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.232 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

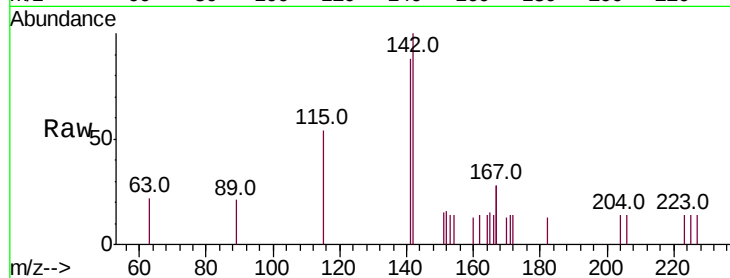
Tot Ion:142 Resp: 851

Ion Ratio Lower Upper

142 100

141 88.0 72.4 108.6

115 54.0 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

12.14

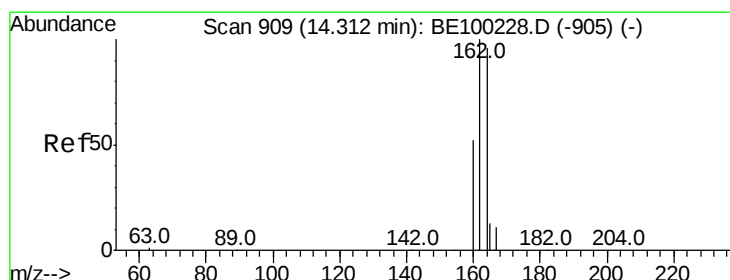
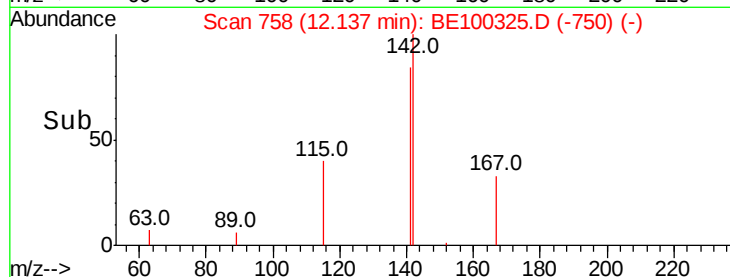
300

200

100

0

Time--> 12.00 12.10 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

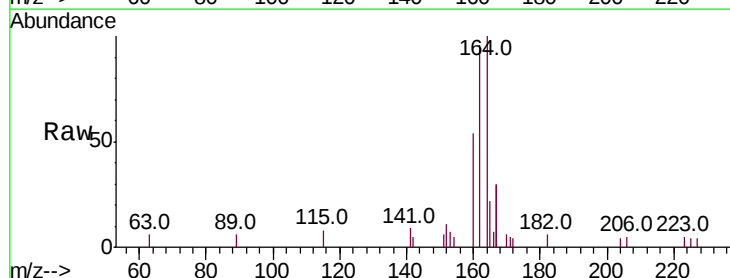
Tgt Ion:164 Resp: 1738

Ion Ratio Lower Upper

164 100

162 96.0 83.4 125.0

160 53.8 45.0 67.6



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

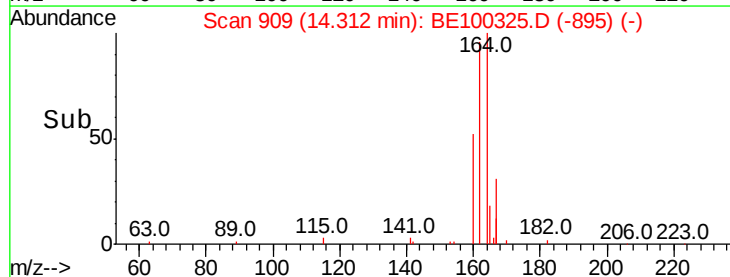
14.31

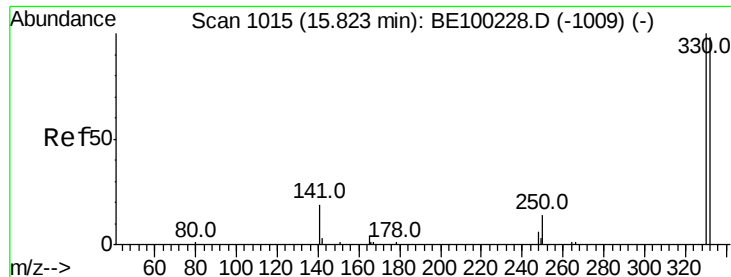
1000

500

0

Time--> 14.20 14.30 14.40 14.50

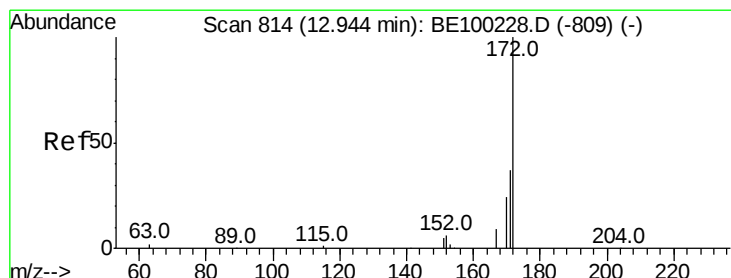
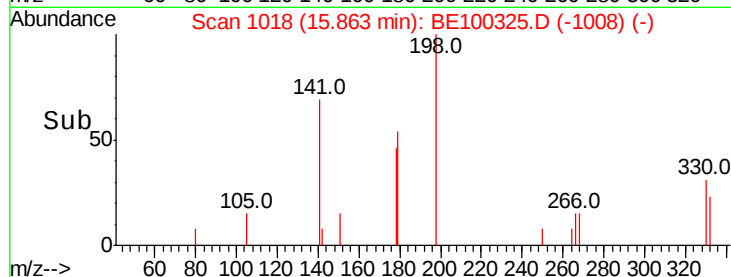
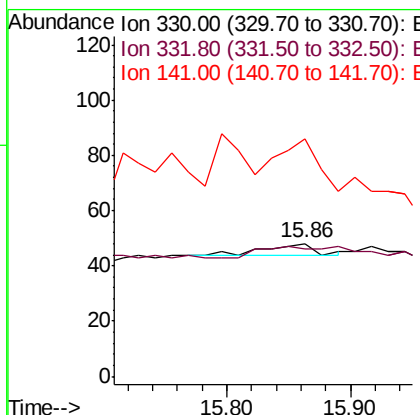
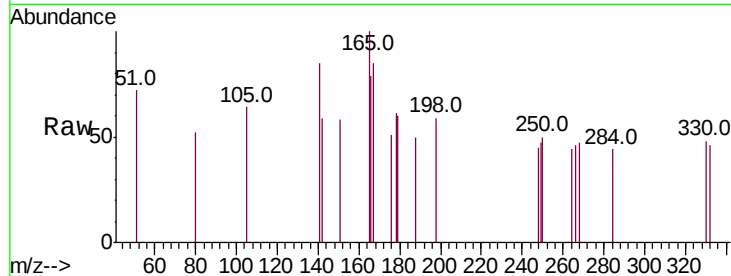




#14
 2,4,6-Tribromophenol
 Concen: 0.008 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.04 min
 Lab File: BE100325.D
 Acq: 3 Jul 2019 12:56

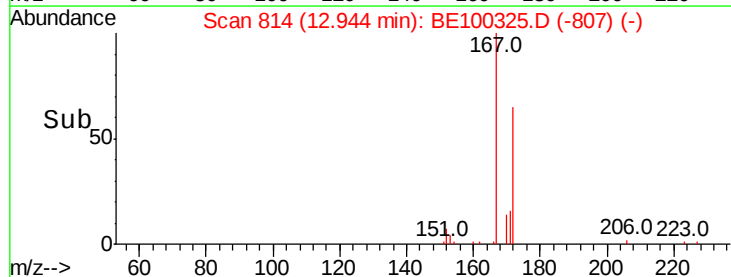
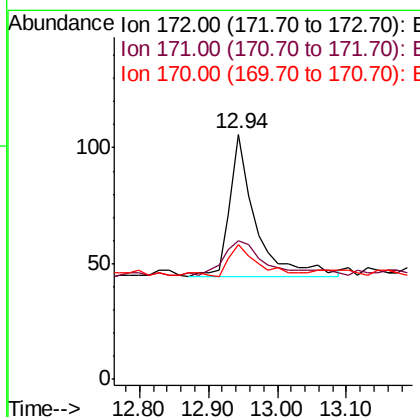
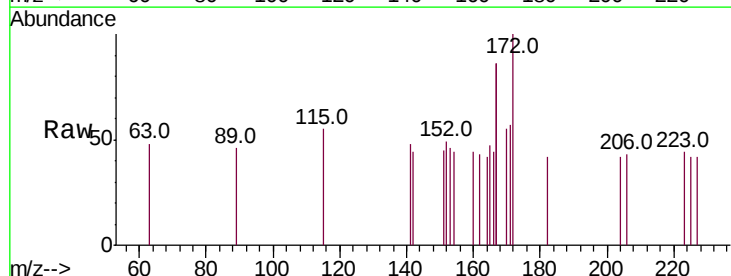
Instrument :
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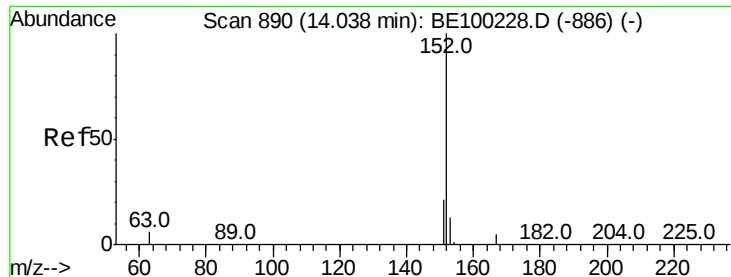
Tot Ion:330 Resp: 10
 Ion Ratio Lower Upper
 330 100
 332 200.0 77.0 115.4#
 141 760.0 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.024 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100325.D
 Acq: 3 Jul 2019 12:56

Tgt Ion:172 Resp: 164
 Ion Ratio Lower Upper
 172 100
 171 56.6 31.9 47.9#
 170 54.7 22.2 33.2#

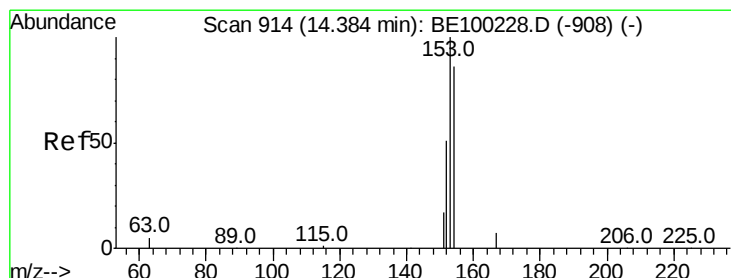
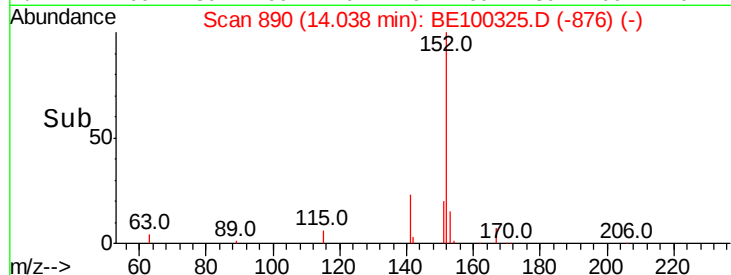
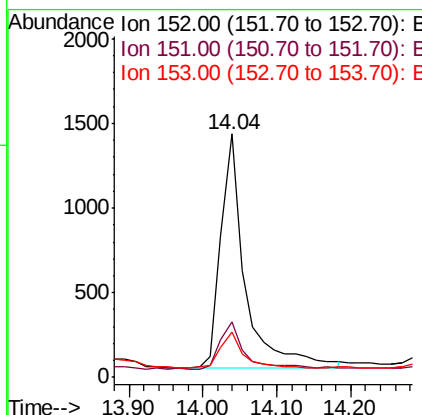
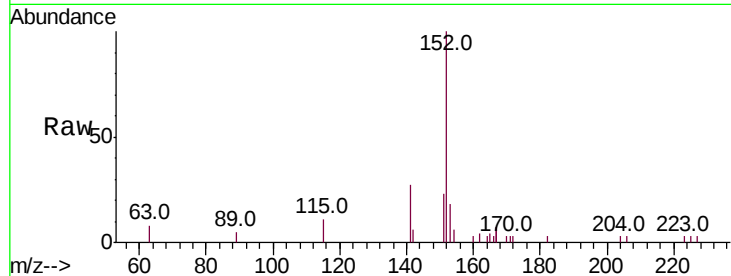




#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

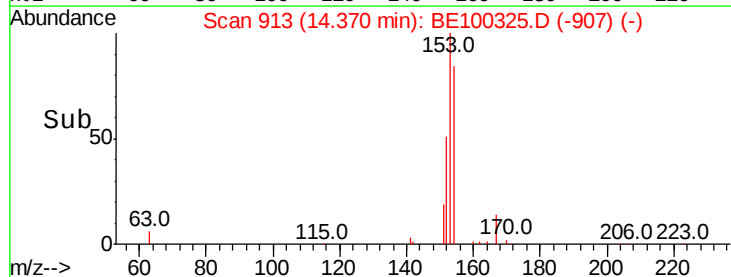
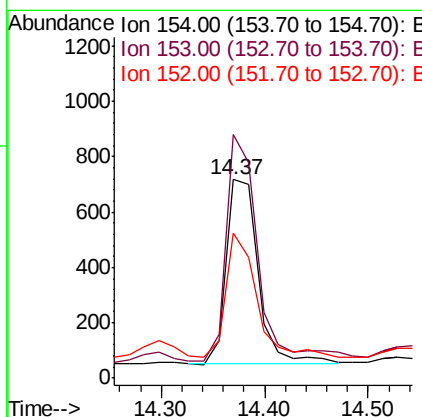
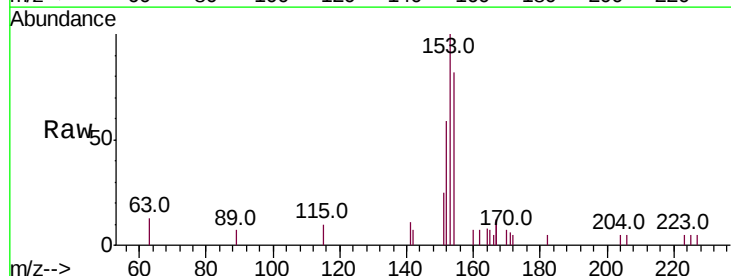
Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

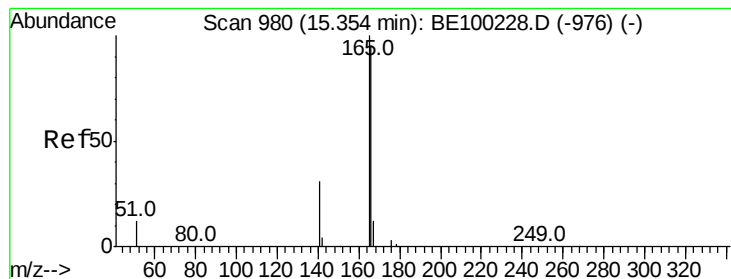
Tot Ion:152 Resp: 3184
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 15.6 10.5 15.7



#17
Acenaphthene
Concen: 0.302 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:154 Resp: 1426
Ion Ratio Lower Upper
154 100
153 121.2 93.4 140.2
152 63.7 49.4 74.2





#18

Fluorene

Concen: 0.649 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

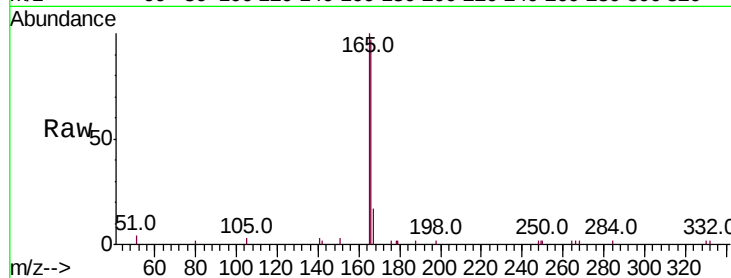
Tot Ion:166 Resp: 4534

Ion Ratio Lower Upper

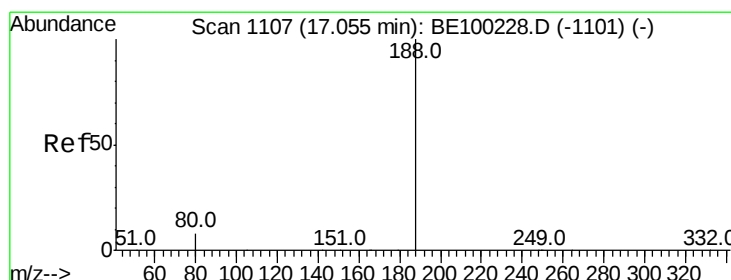
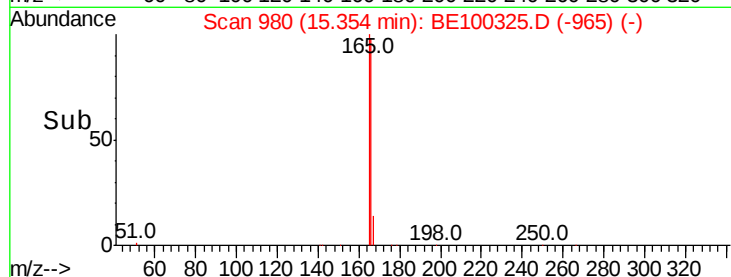
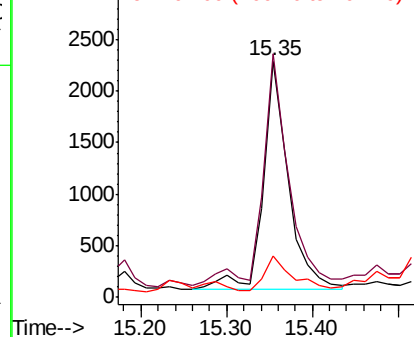
166 100

165 105.2 81.1 121.7

167 15.8 10.7 16.1



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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

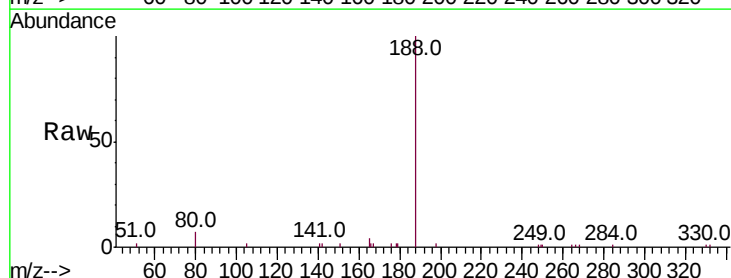
Tgt Ion:188 Resp: 5424

Ion Ratio Lower Upper

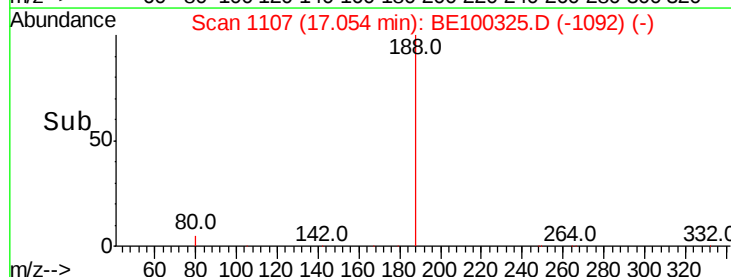
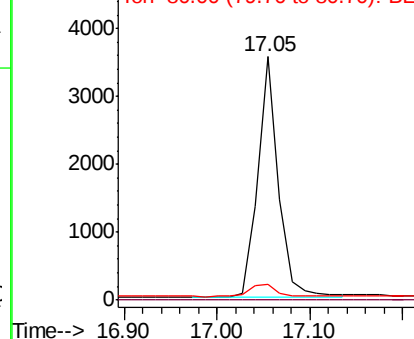
188 100

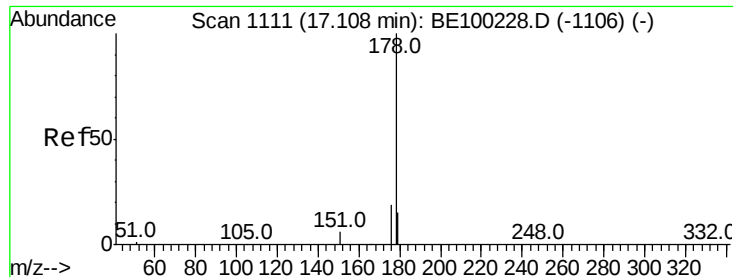
94 0.0 0.0 0.0

80 6.5 7.6 11.4#



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





#23

Phenanthrene

Concen: 5.973 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

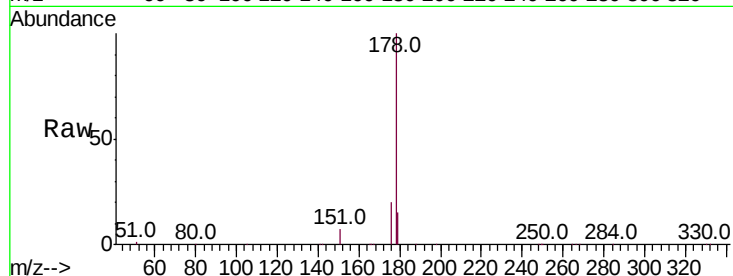
Tot Ion:178 Resp: 78516

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

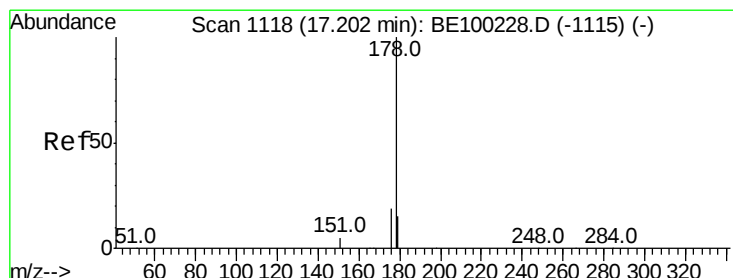
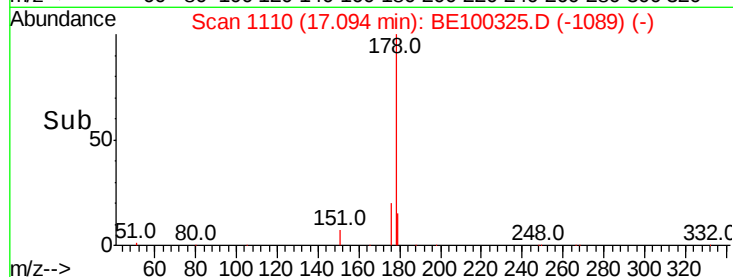
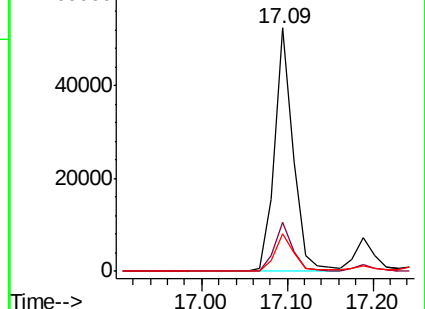
179 15.5 12.2 18.2



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: 0.909 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

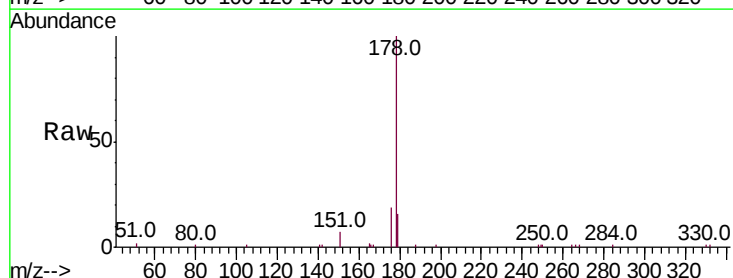
Tgt Ion:178 Resp: 10758

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

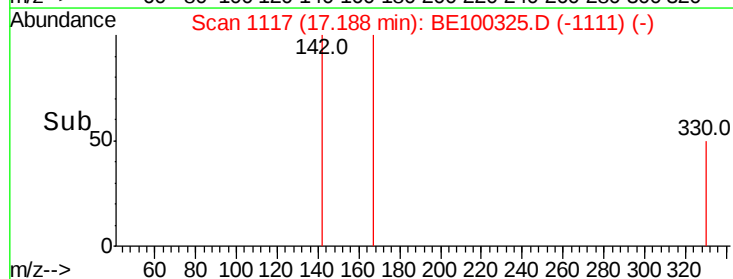
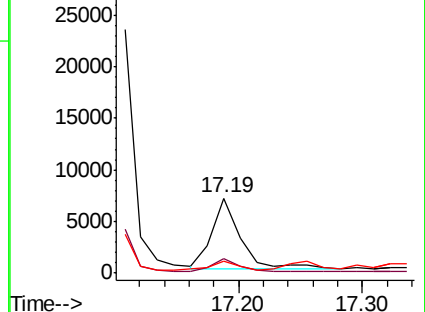
179 12.1 12.2 18.2#

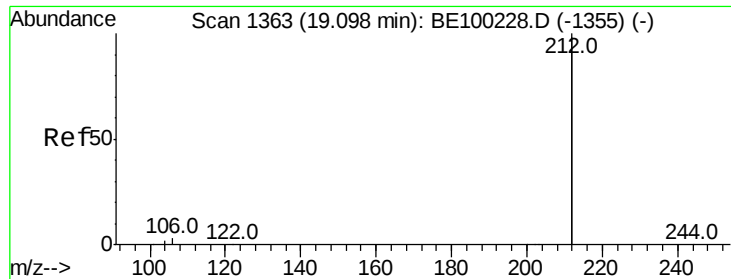


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.020 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

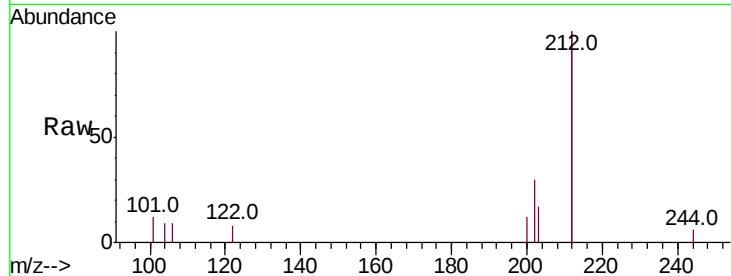
Tot Ion:212 Resp: 1553

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

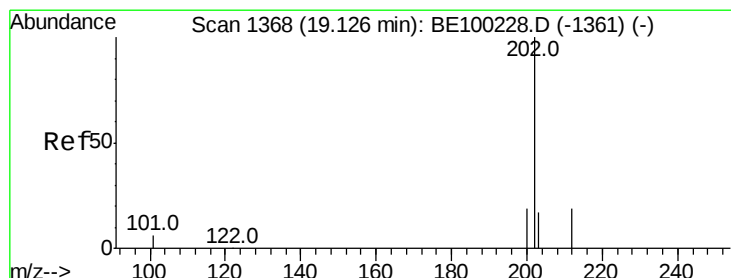
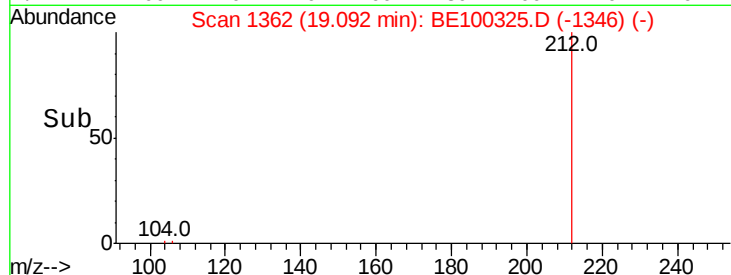
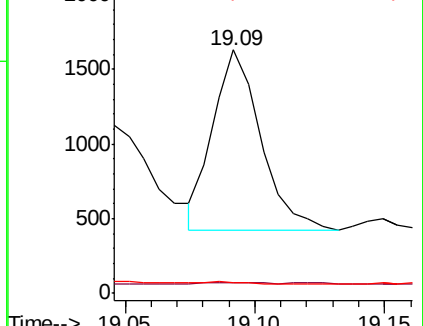
104 1.2 0.8 1.2



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: 4.497 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

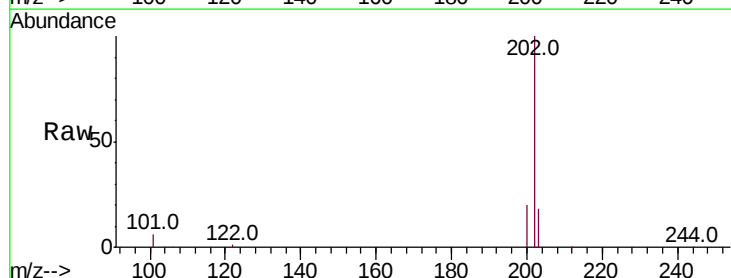
Tgt Ion:202 Resp: 94168

Ion Ratio Lower Upper

202 100

101 5.5 4.6 7.0

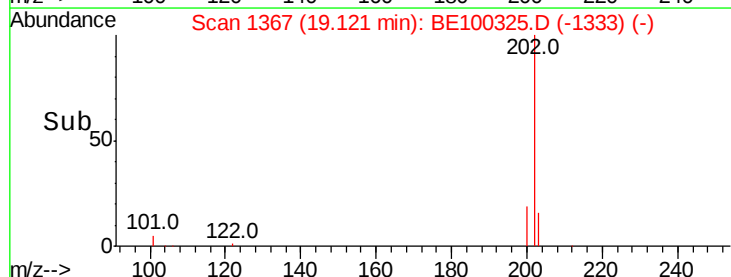
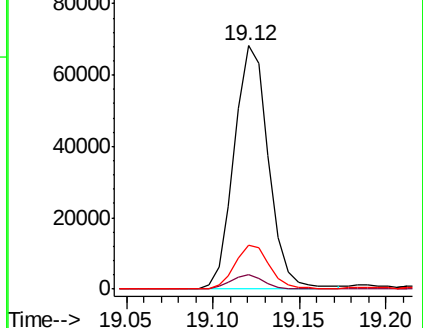
203 17.8 13.7 20.5

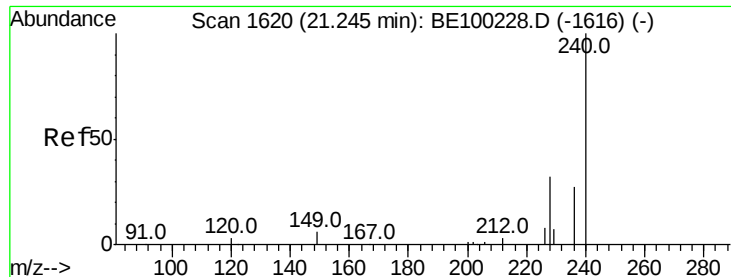


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

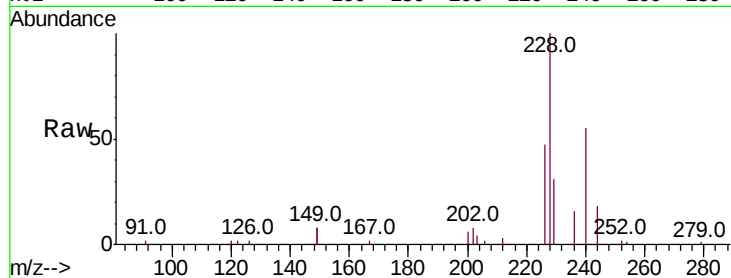
Tot Ion:240 Resp: 7524

Ion Ratio Lower Upper

240 100

120 4.3 3.3 4.9

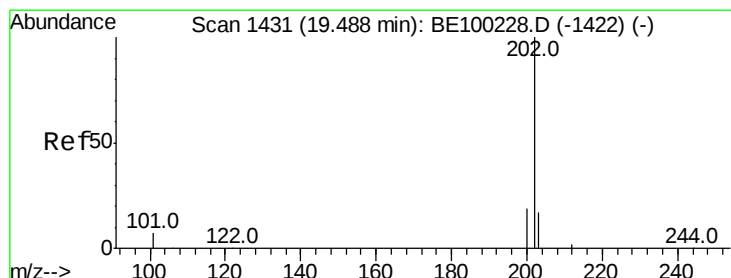
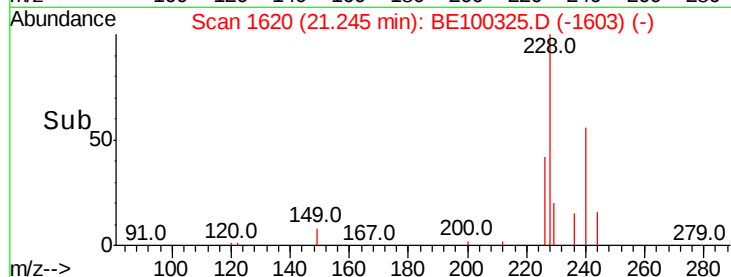
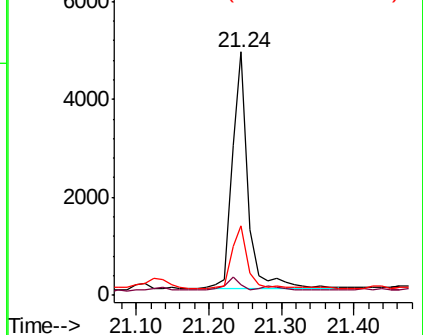
236 28.7 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 6.432 ng

RT: 19.48 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

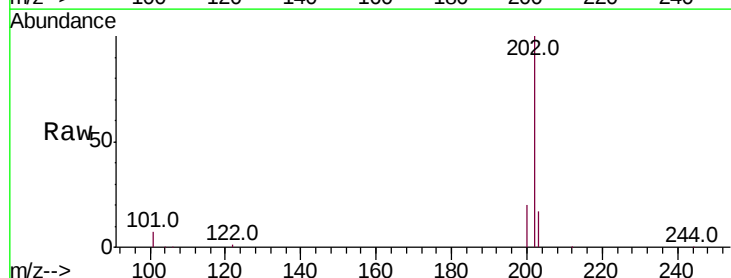
Tgt Ion:202 Resp: 128124

Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

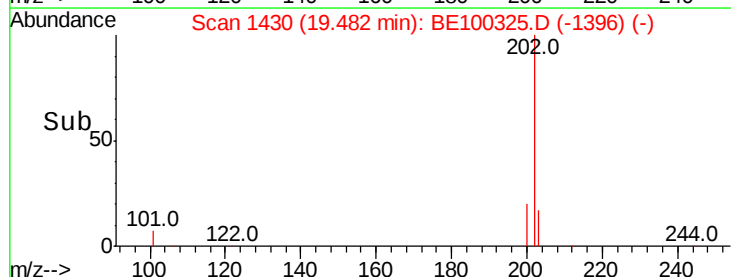
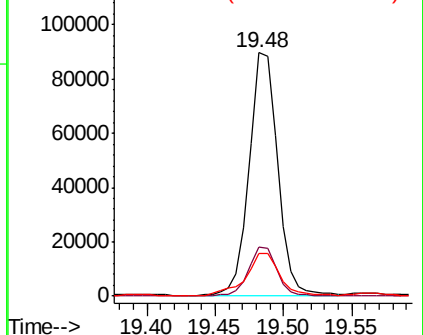
203 20.8 14.0 21.0

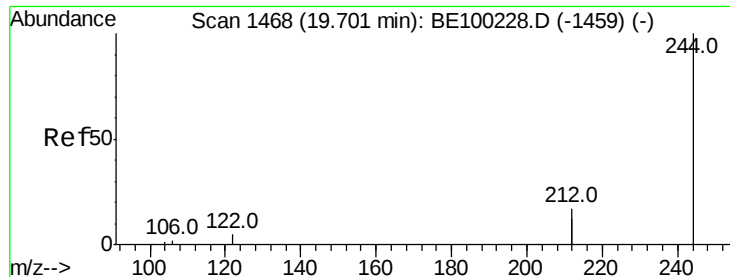


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.130 ng

RT: 19.69 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

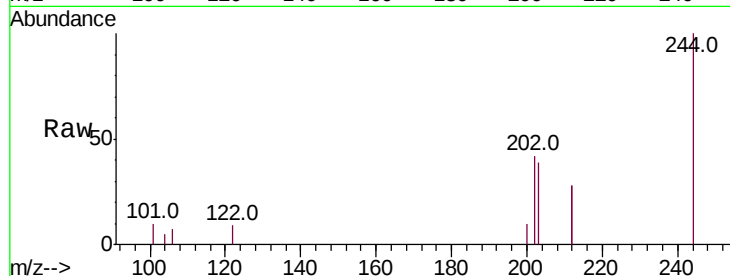
Tot Ion:244 Resp: 2028

Ion Ratio Lower Upper

244 100

212 56.0 27.3 40.9#

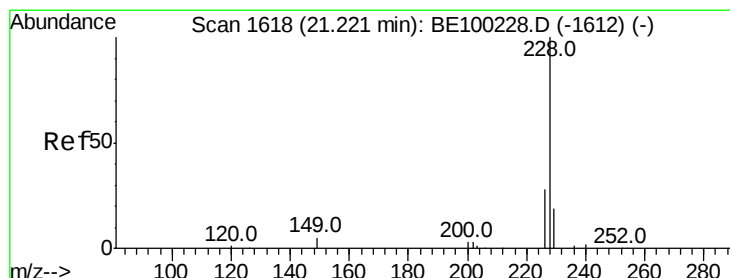
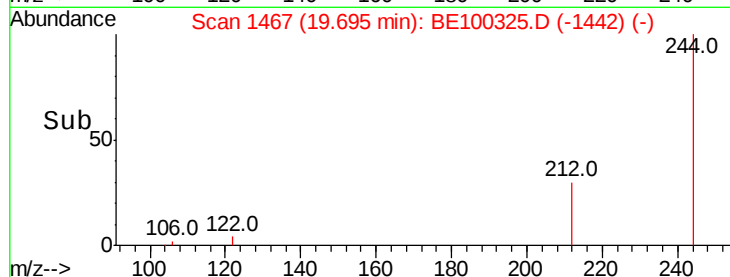
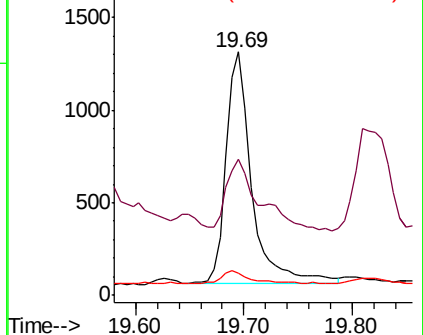
122 9.4 4.7 7.1#



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: 2.553 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

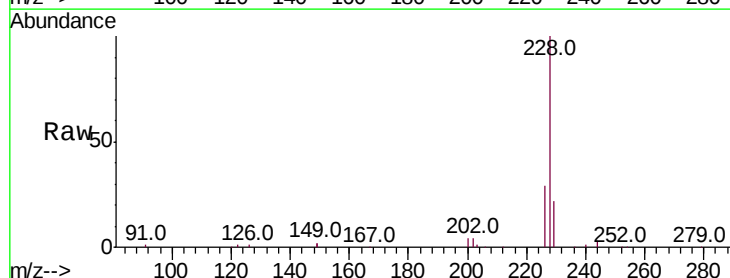
Tgt Ion:228 Resp: 63152

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

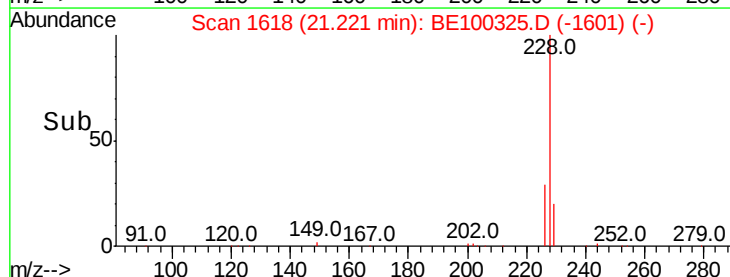
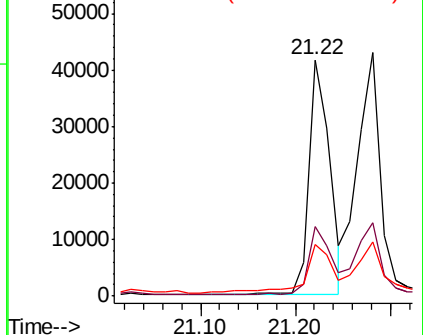
229 21.8 15.7 23.5

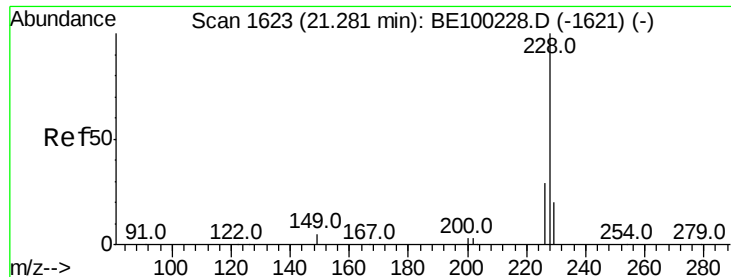


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

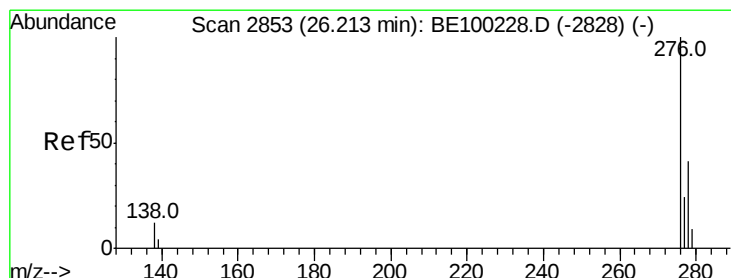
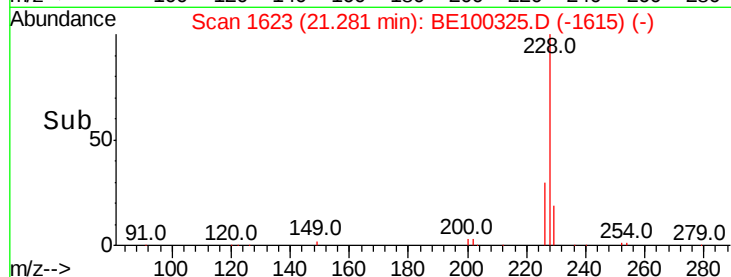
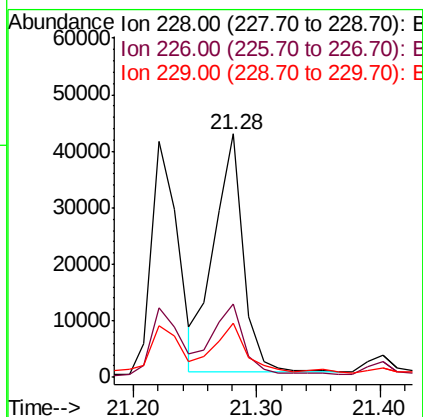
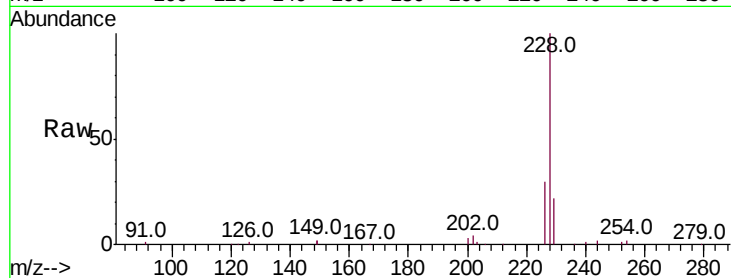




#31
Chrysene
Concen: 2.817 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

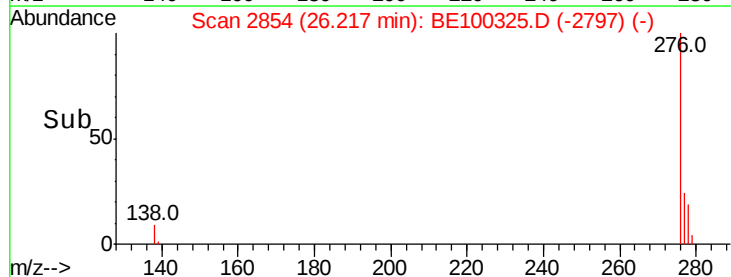
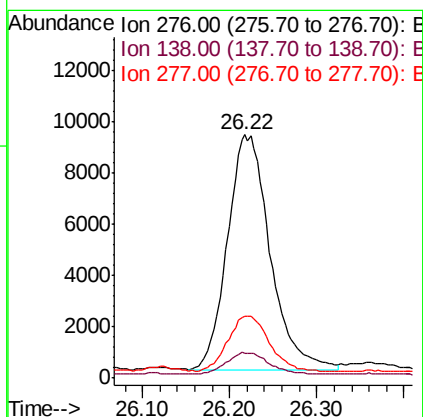
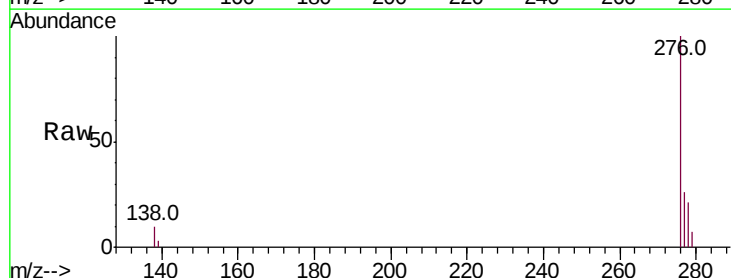
Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

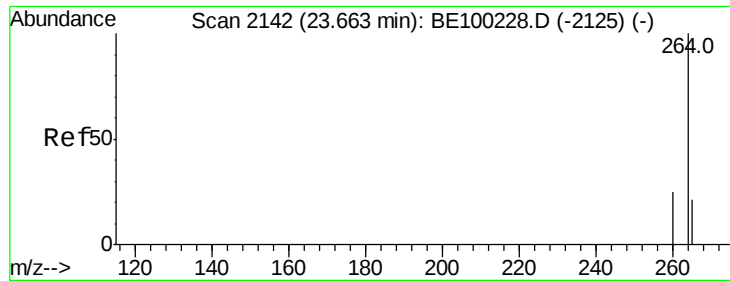
Tot Ion:228 Resp: 69977
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 22.1 16.5 24.7



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.944 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:276 Resp: 31027
Ion Ratio Lower Upper
276 100
138 9.1 9.4 14.0#
277 23.3 19.2 28.8

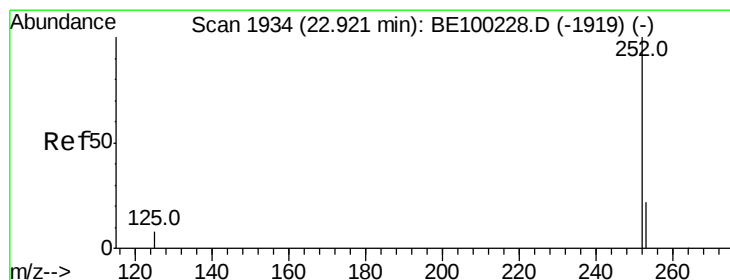
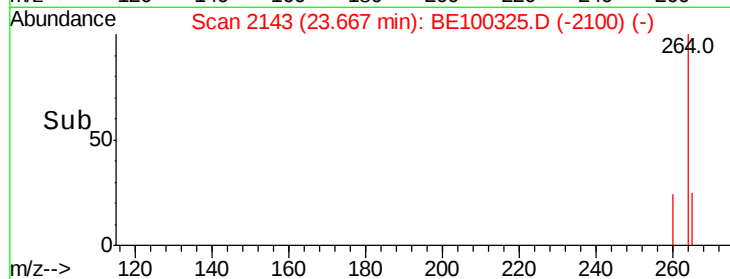
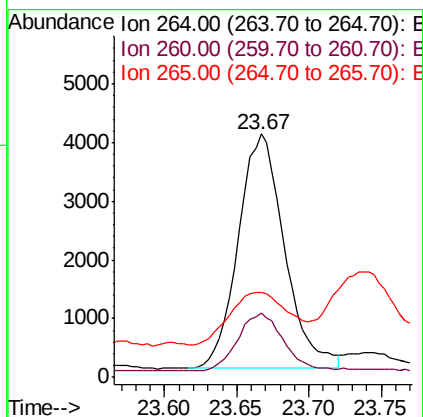
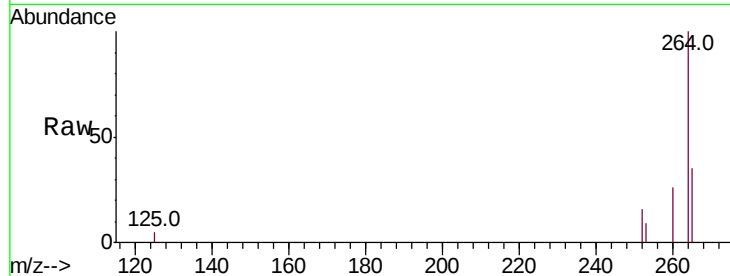




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

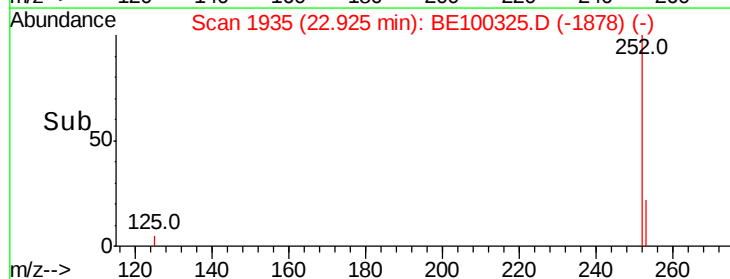
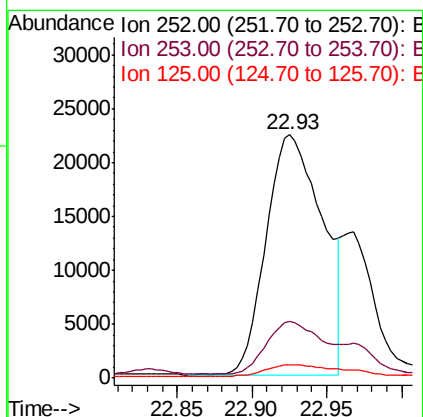
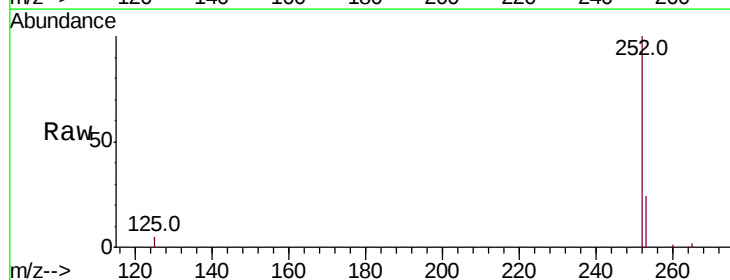
Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

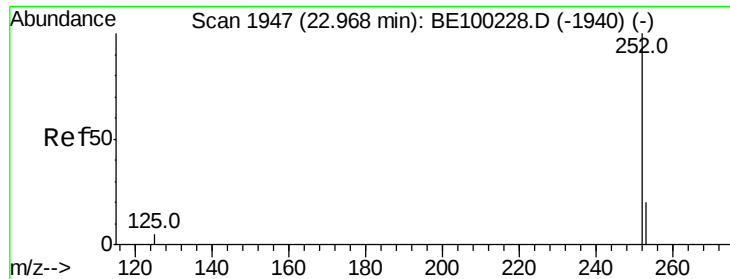
Tot Ion:264 Resp: 8716
Ion Ratio Lower Upper
264 100
260 26.4 20.8 31.2
265 34.8 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 2.477 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:252 Resp: 58533
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 5.4 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 2.219 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

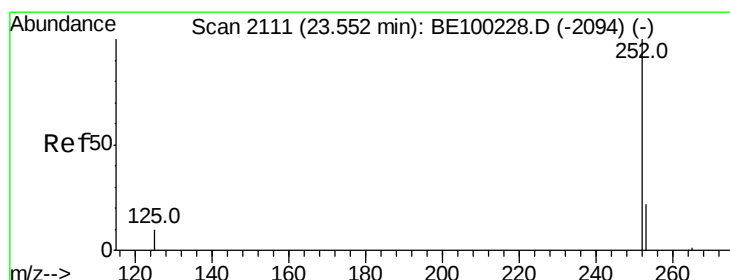
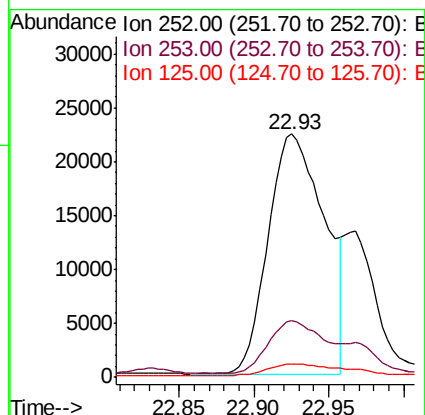
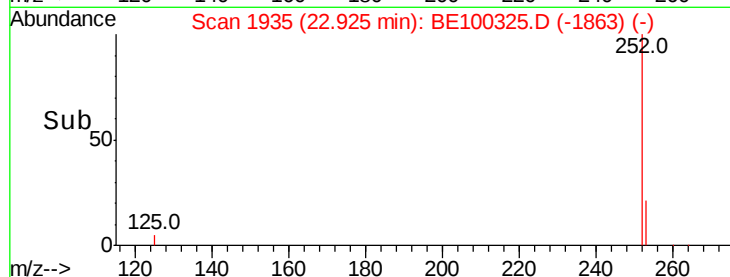
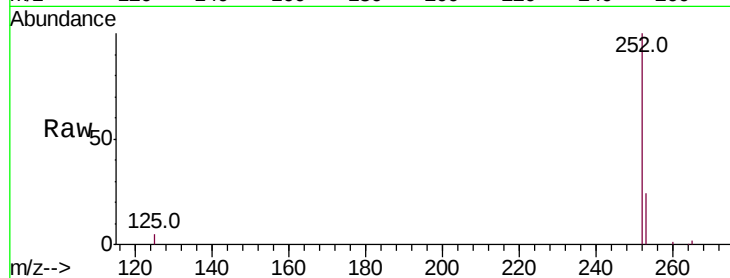
Tot Ion:252 Resp: 58533

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 5.4 5.0 7.4



#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.72 min Scan# 2157

Delta R.T. 0.16 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

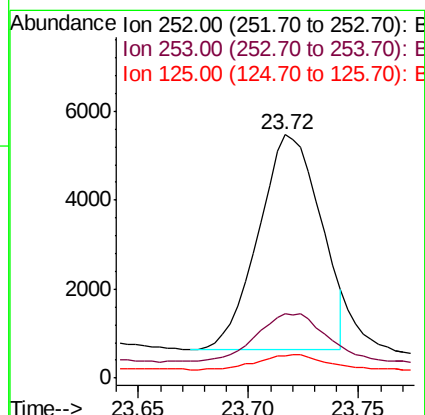
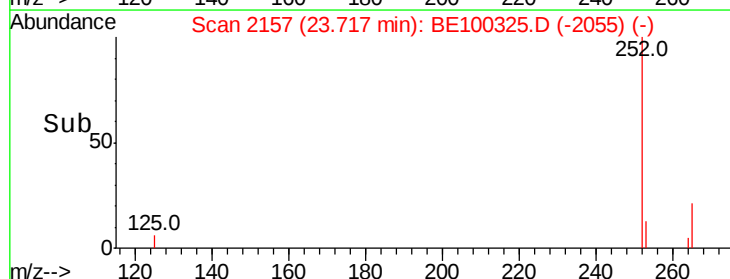
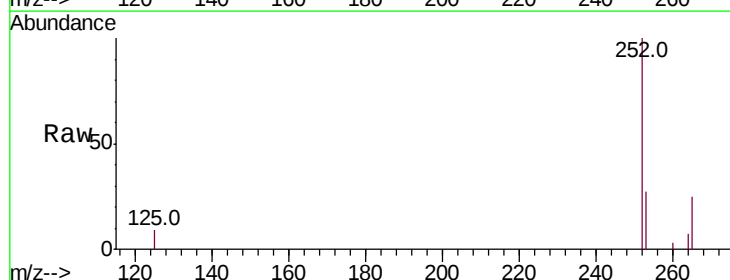
Tgt Ion:252 Resp: 9476

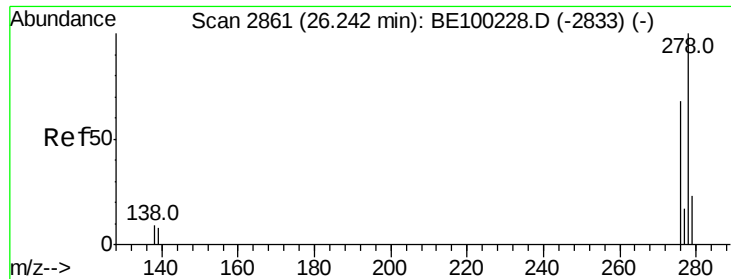
Ion Ratio Lower Upper

252 100

253 26.6 19.6 29.4

125 9.2 9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.314 ng

RT: 26.24 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

Instrument :

BNA_E

ClientSampleId :

PST-013-B214-062019DL

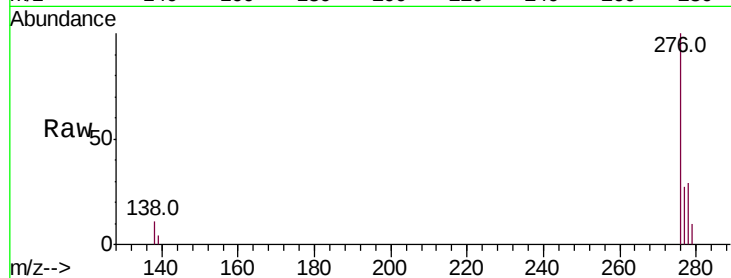
Tot Ion:278 Resp: 7766

Ion Ratio Lower Upper

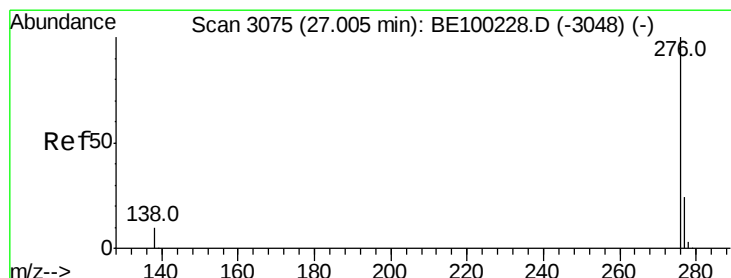
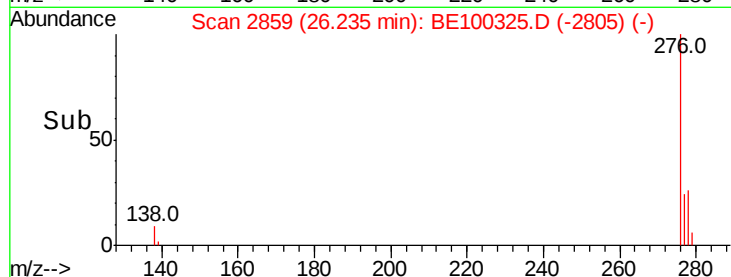
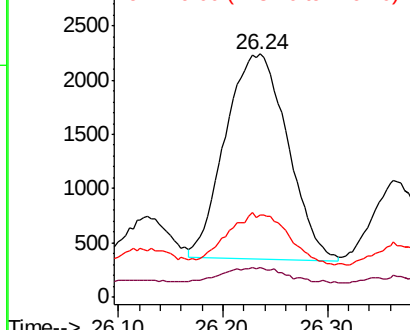
278 100

139 12.0 8.2 12.2

279 33.9 20.3 30.5#



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: 1.423 ng

RT: 27.01 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BE100325.D

Acq: 3 Jul 2019 12:56

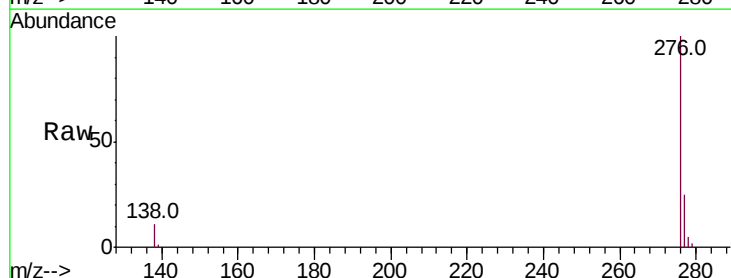
Tgt Ion:276 Resp: 36164

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 10.7 9.0 13.6



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

