

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101019\
 Data File : BE100631.D
 Acq On : 10 Oct 2019 15:11
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101019

Quant Time: Oct 10 15:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	6929	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	28932	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	18269	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	42897	0.40	ng	0.00
27) Chrysene-d12	21.37	240	55768	0.40	ng	0.00
34) Perylene-d12	23.85	264	62046	0.40	ng	0.00

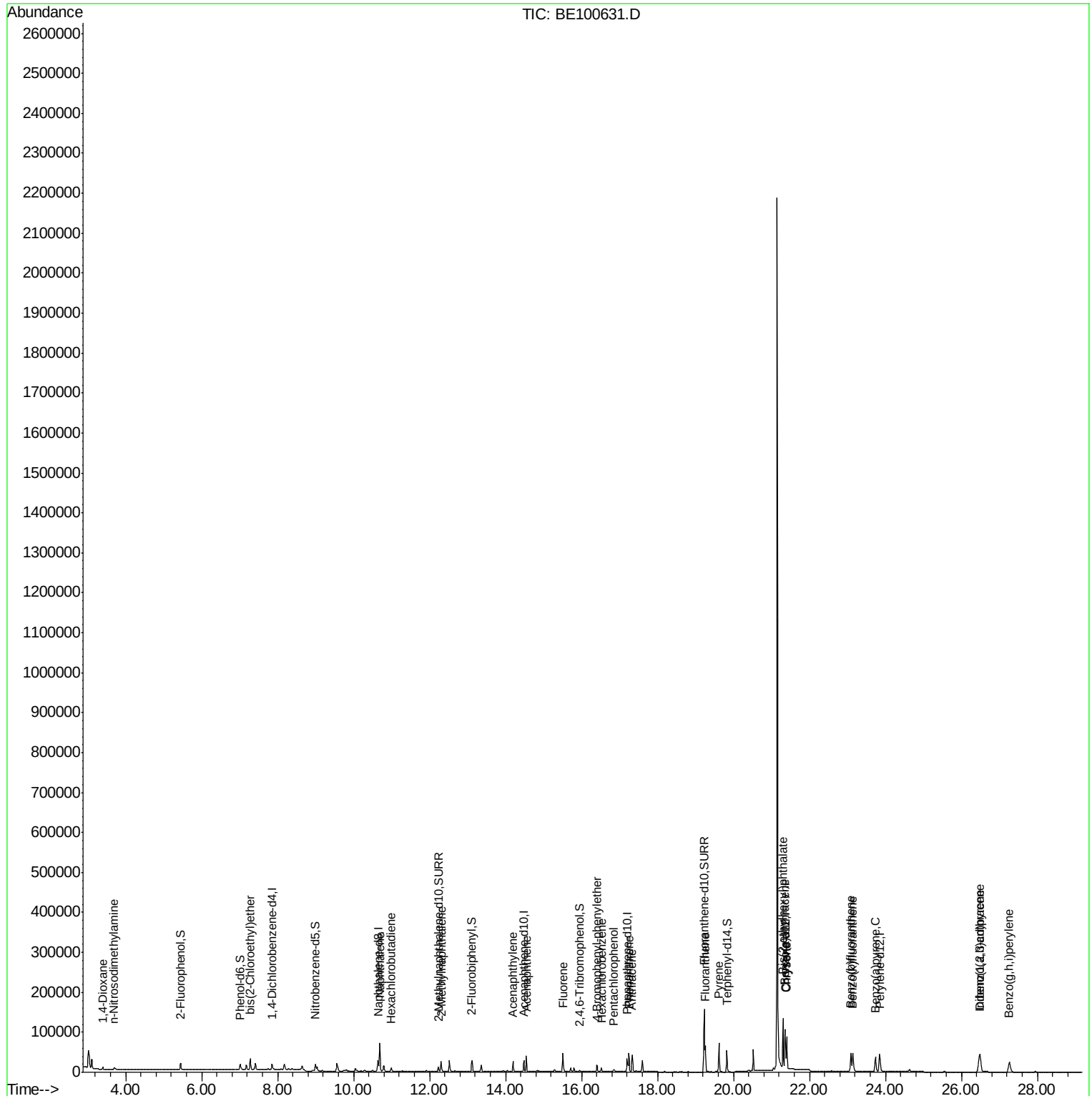
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	8157	0.38	ng	0.00
5) Phenol-d6	7.01	99	11394	0.38	ng	0.00
8) Nitrobenzene-d5	8.99	82	6850	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	17876	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.96	330	1716	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	26265	0.39	ng	0.00
25) Fluoranthene-d10	19.23	212	211648	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	48341	0.40	ng	0.00

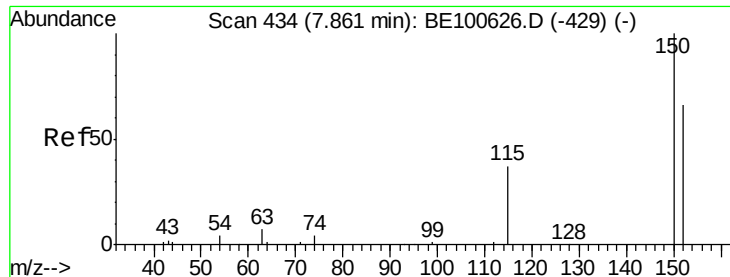
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	4720	0.382	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	4905	0.375	ng	# 94
6) bis(2-Chloroethyl)ether	7.28	93	9736	0.393	ng	98
9) Naphthalene	10.69	128	119066	0.391	ng	100
10) Hexachlorobutadiene	10.99	225	5180	0.392	ng	98
12) 2-Methylnaphthalene	12.31	142	20148	0.389	ng	98
16) Acenaphthylene	14.20	152	29022	0.369	ng	100
17) Acenaphthene	14.54	154	19399	0.382	ng	99
18) Fluorene	15.51	166	26253	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	8407	0.385	ng	97
21) Hexachlorobenzene	16.52	284	7888	0.379	ng	100
22) Pentachlorophenol	16.85	266	2426	0.362	ng	95
23) Phenanthrene	17.24	178	48273	0.409	ng	99
24) Anthracene	17.33	178	41811	0.382	ng	99
26) Fluoranthene	19.26	202	61314	0.398	ng	100
28) Pyrene	19.62	202	64106	0.411	ng	100
30) Benzo(a)anthracene	21.35	228	70276	0.386	ng	99
31) Chrysene	21.40	228	70751	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	138450	0.364	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.46	276	76021	0.340	ng	100
35) Benzo(b)fluoranthene	23.09	252	67896	0.375	ng	99
36) Benzo(k)fluoranthene	23.14	252	71323	0.383	ng	99
37) Benzo(a)pyrene	23.74	252	61523	0.365	ng	100
38) Dibenzo(a,h)anthracene	26.49	278	62741	0.360	ng	98
39) Benzo(g,h,i)perylene	27.26	276	64732	0.370	ng	99

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

```
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Operator  : JU  
Sample    : SSTDICV0.4  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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Quant Time: Oct 10 15:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
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QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

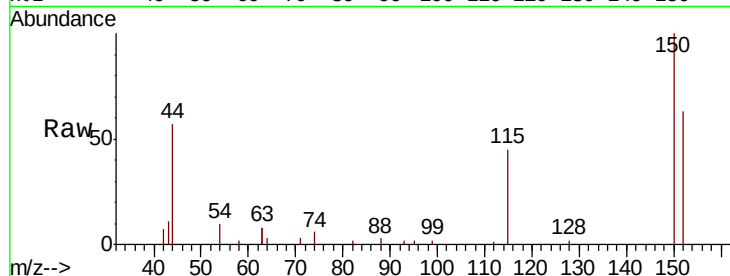
Tot Ion:152 Resp: 6929

Ion Ratio Lower Upper

152 100

150 158.3 120.7 181.1

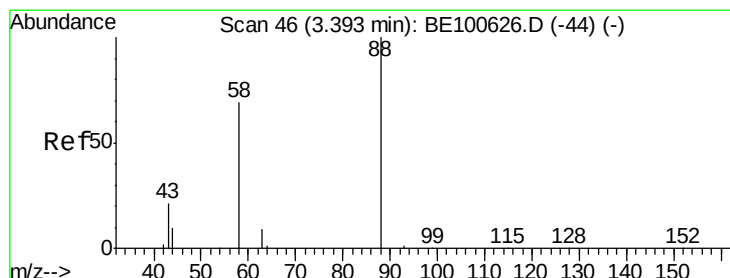
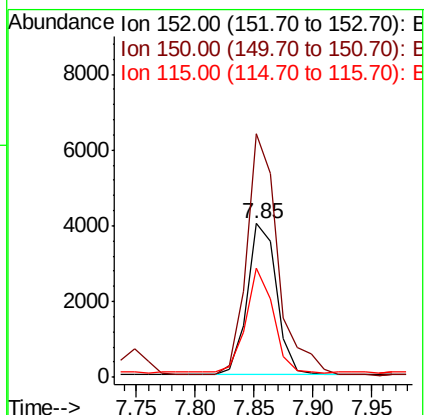
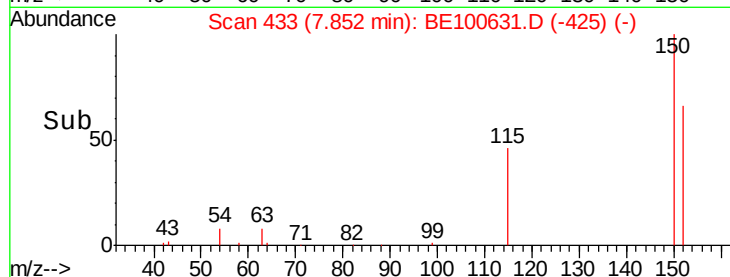
115 70.8 48.0 72.0



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: 0.382 ng

RT: 3.40 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

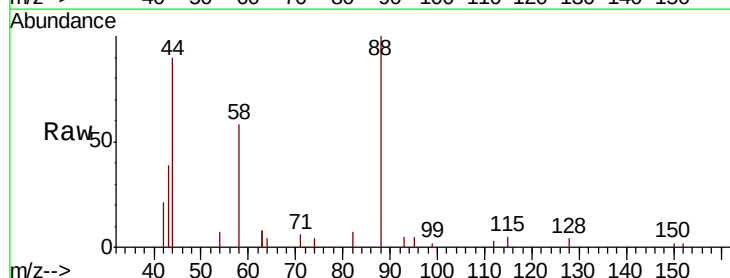
Tgt Ion: 88 Resp: 4720

Ion Ratio Lower Upper

88 100

58 82.9 0.0 0.0#

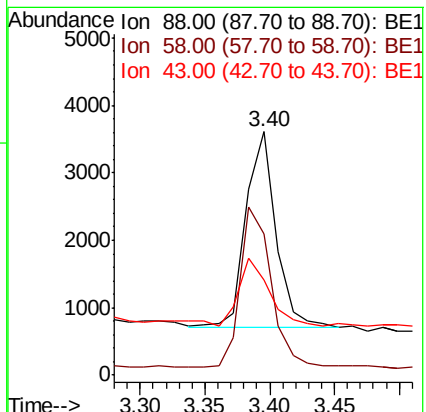
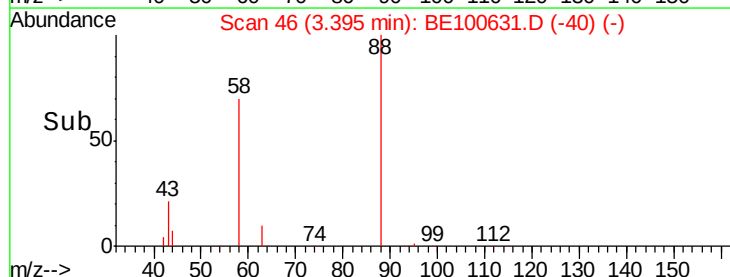
43 34.7 0.0 0.0#

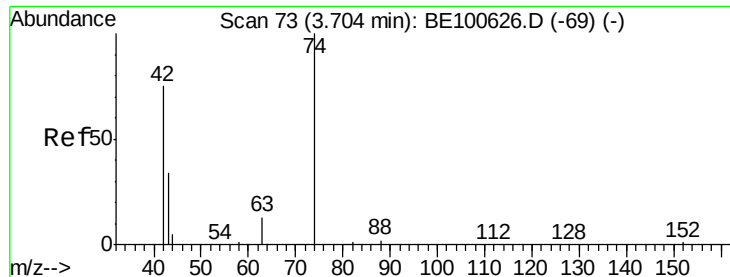


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.375 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

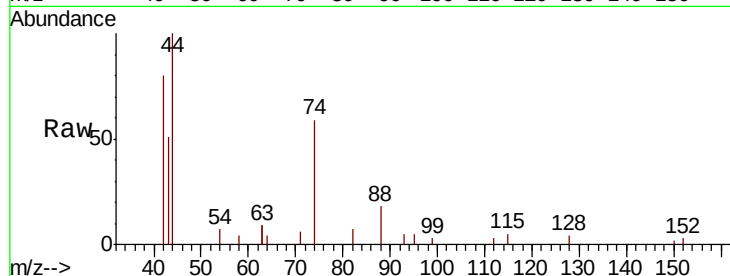
Tot Ion: 42 Resp: 4905

Ion Ratio Lower Upper

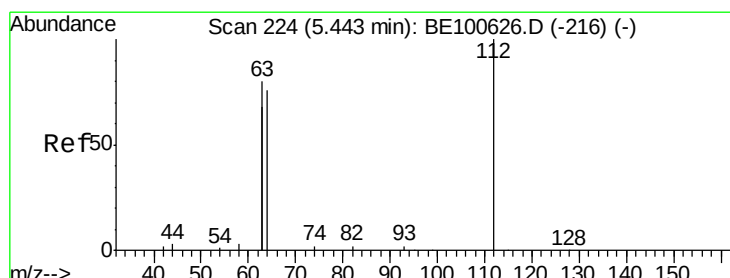
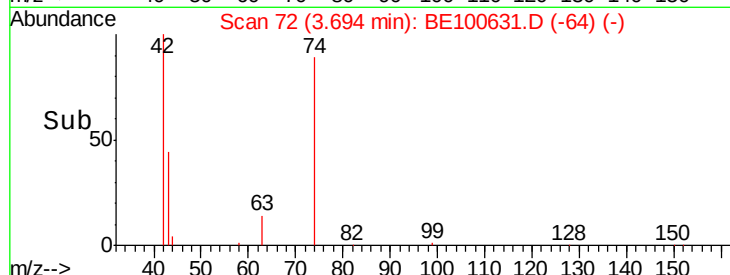
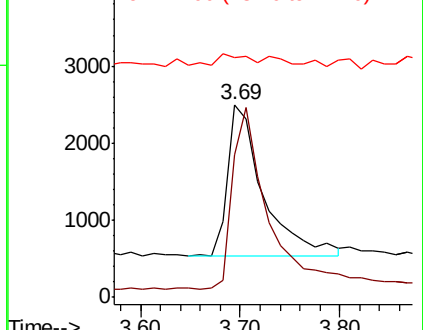
42 100

74 119.3 91.7 137.5

44 0.0 8.2 12.2#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.381 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

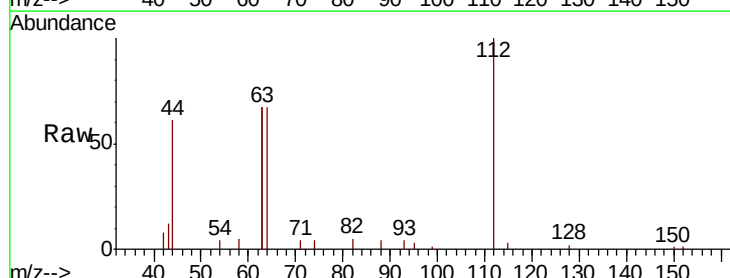
Tgt Ion: 112 Resp: 8157

Ion Ratio Lower Upper

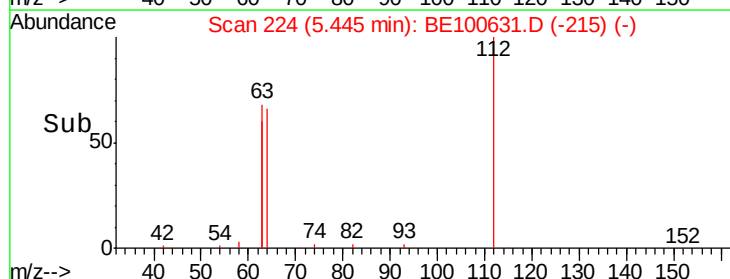
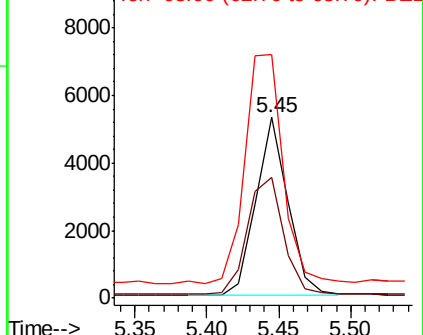
112 100

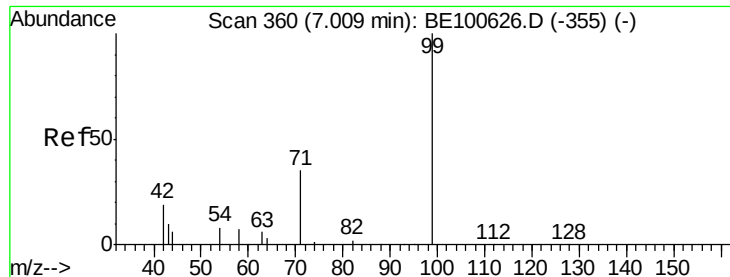
64 73.3 58.9 88.3

63 151.6 118.3 177.5



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: 0.378 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

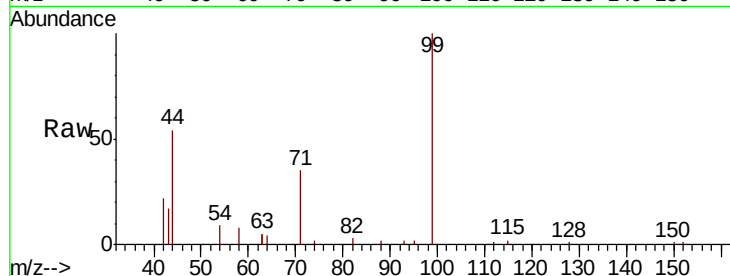
Tot Ion: 99 Resp: 11394

Ion Ratio Lower Upper

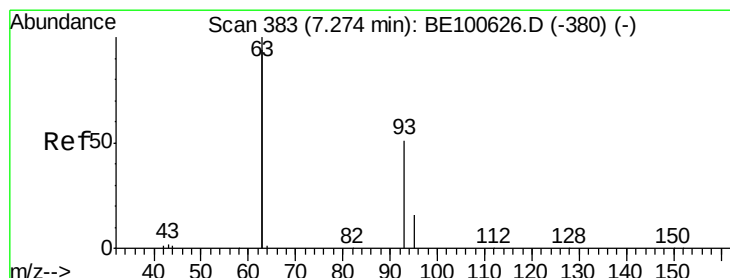
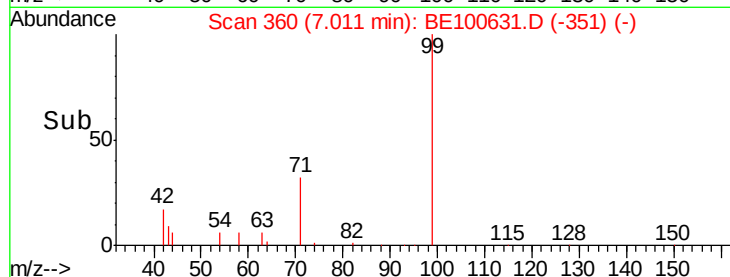
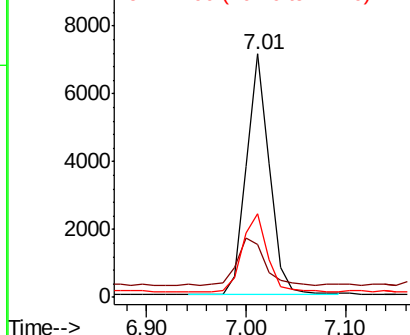
99 100

42 23.5 19.4 29.2

71 35.0 26.9 40.3



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: 0.393 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

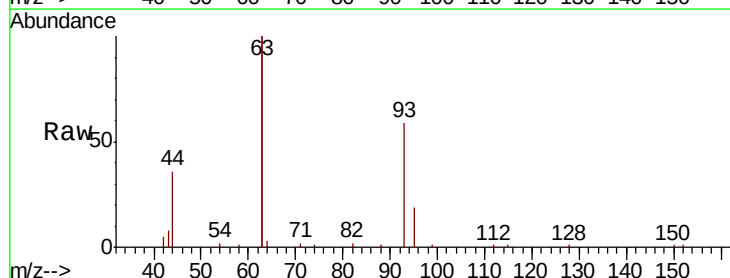
Tgt Ion: 93 Resp: 9736

Ion Ratio Lower Upper

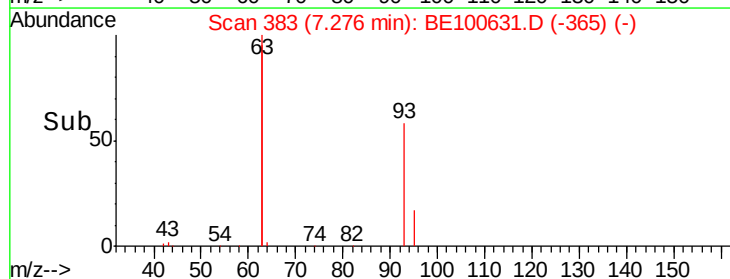
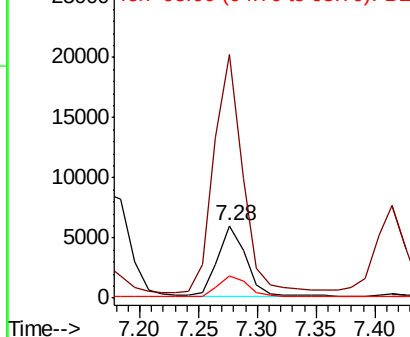
93 100

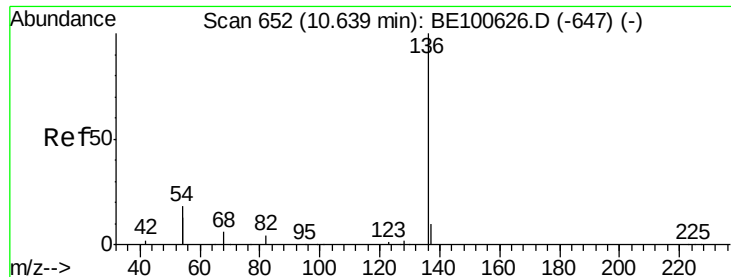
63 342.5 277.4 416.0

95 31.4 24.7 37.1



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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

Tot Ion:136 Resp: 28932

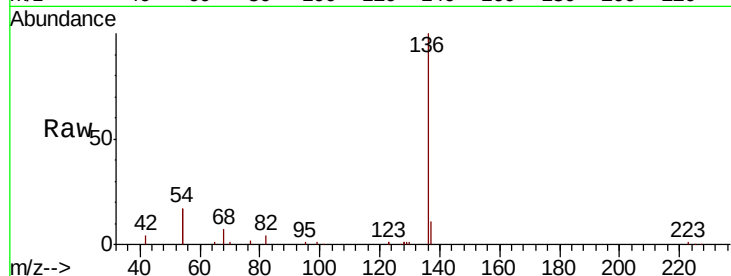
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 34.4 28.7 43.1

68 6.9 5.9 8.9



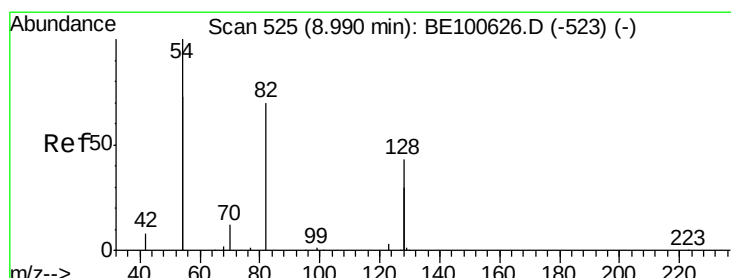
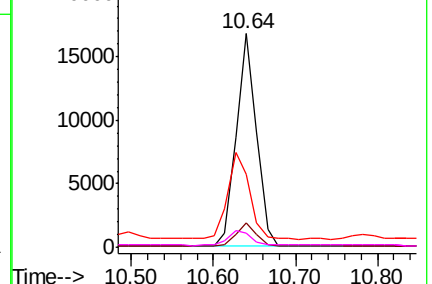
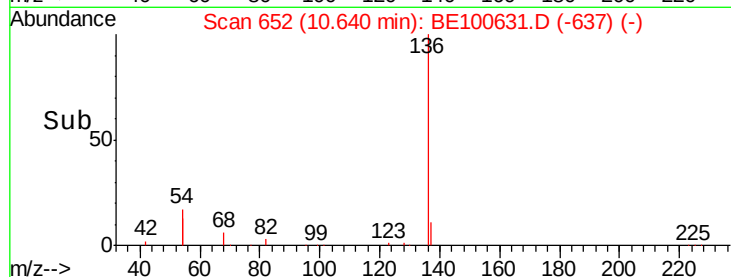
Abundance

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: 0.382 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

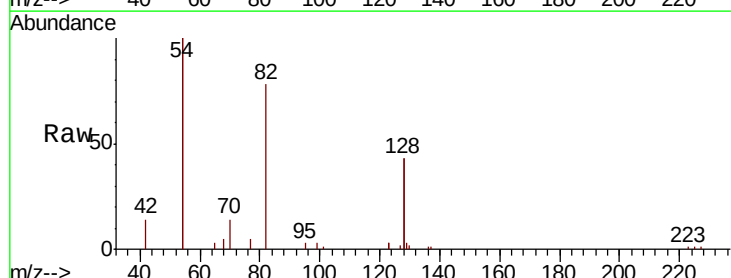
Tgt Ion: 82 Resp: 6850

Ion Ratio Lower Upper

82 100

128 109.0 90.7 136.1

54 255.0 210.9 316.3

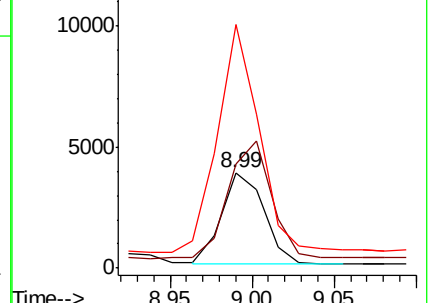
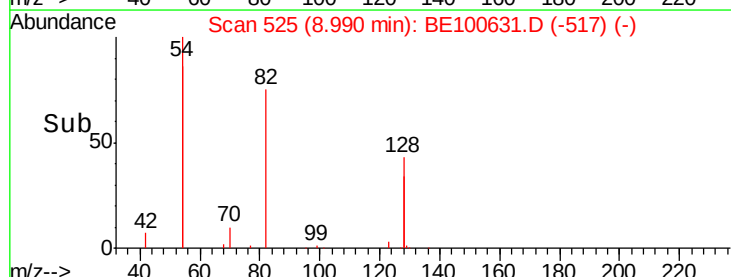


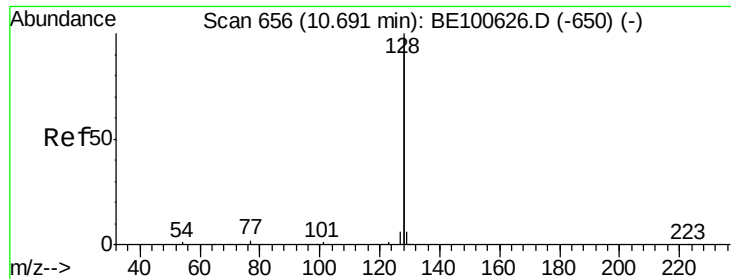
Abundance

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: 0.391 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

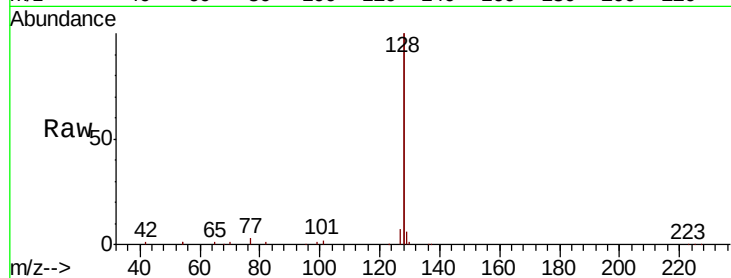
Tot Ion:128 Resp: 119066

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

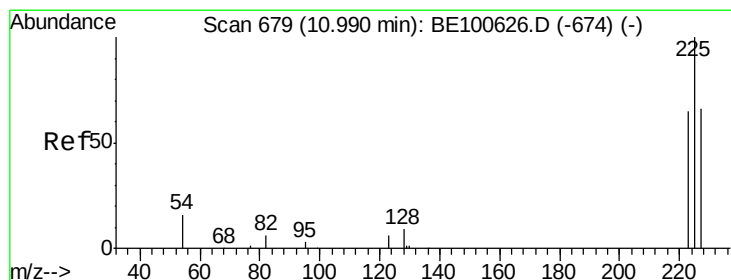
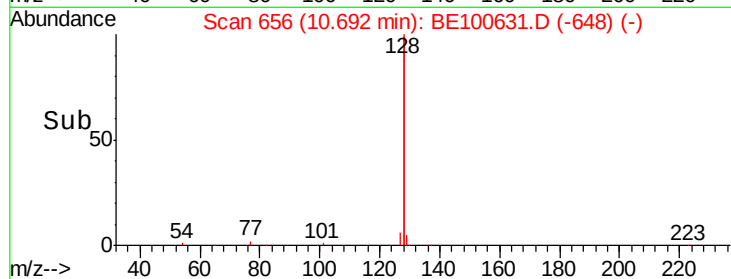
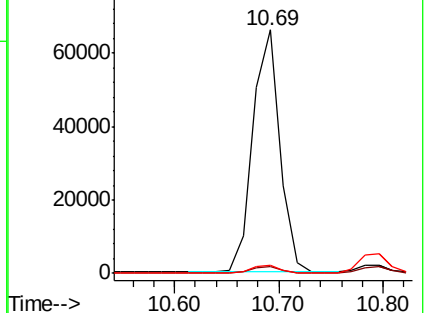
127 3.3 2.6 3.8



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: 0.392 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

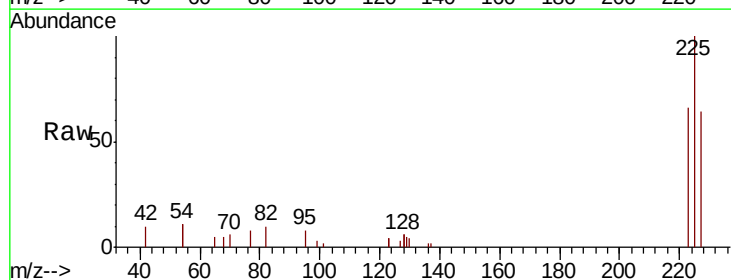
Tgt Ion:225 Resp: 5180

Ion Ratio Lower Upper

225 100

223 63.1 51.2 76.8

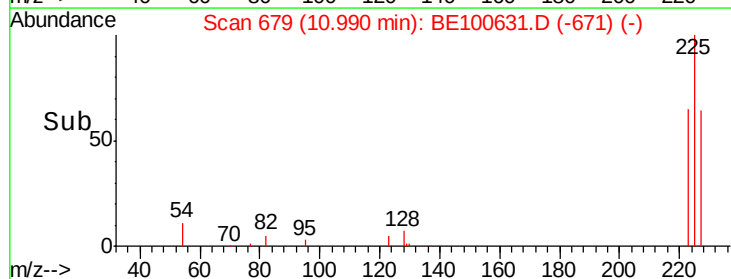
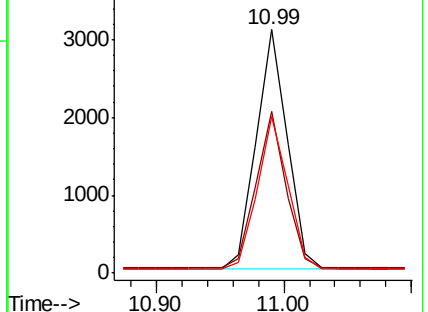
227 62.7 51.8 77.8

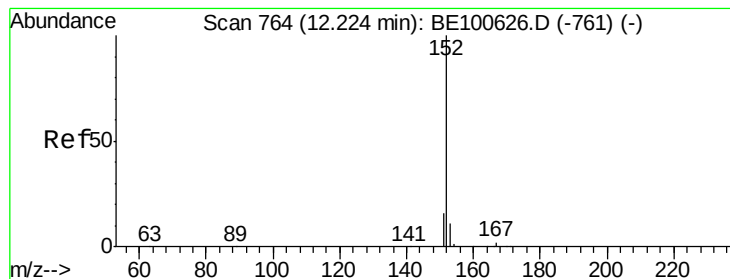


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.392 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

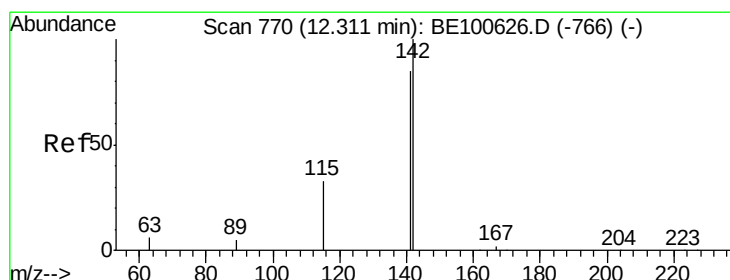
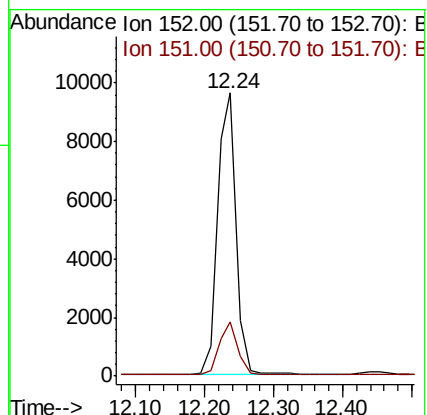
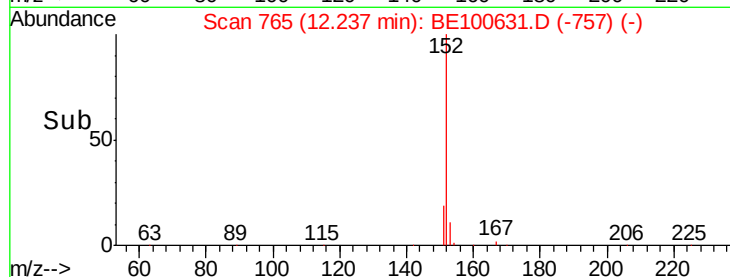
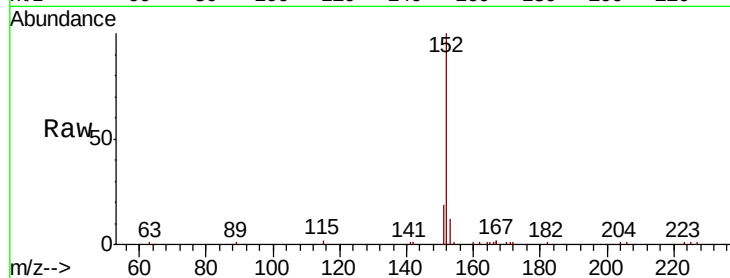
ICVBE101019

Tot Ion:152 Resp: 17876

Ion Ratio Lower Upper

152 100

151 18.5 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.389 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

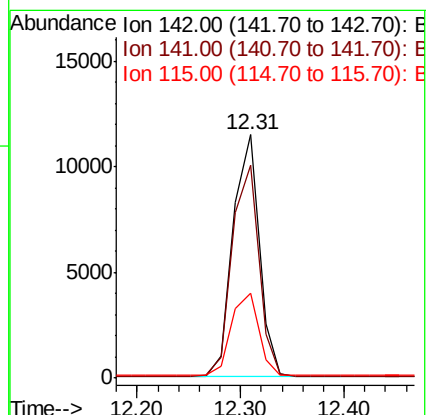
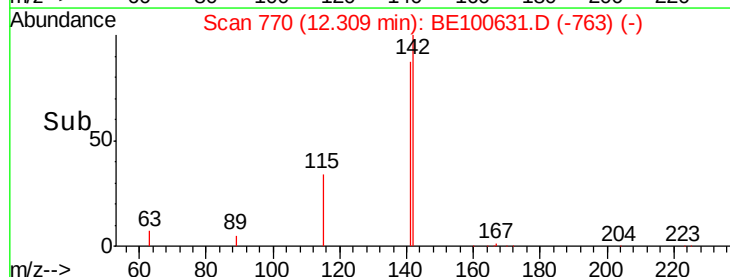
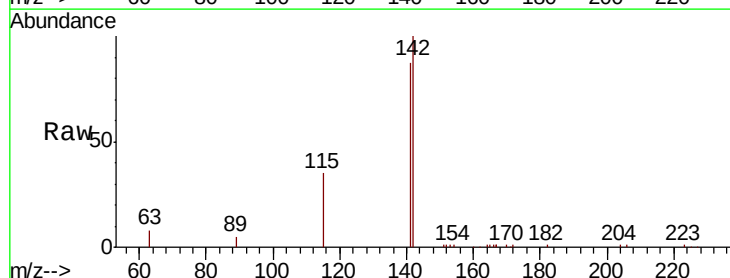
Tgt Ion:142 Resp: 20148

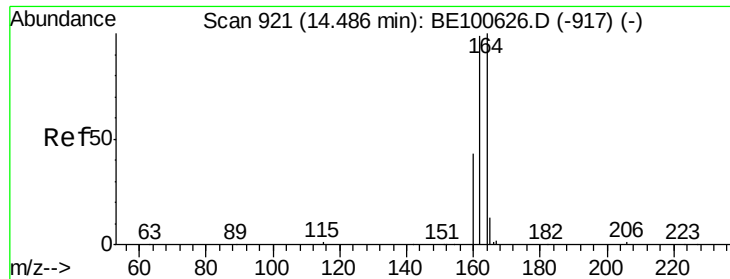
Ion Ratio Lower Upper

142 100

141 87.5 68.3 102.5

115 34.7 27.5 41.3

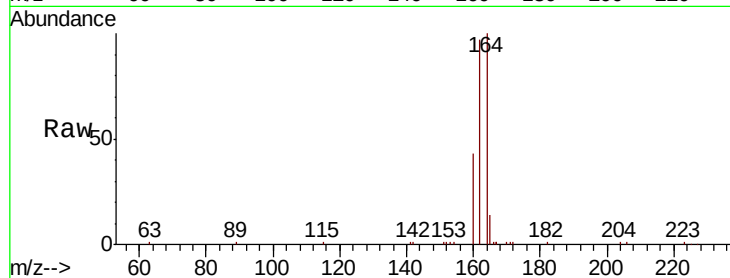




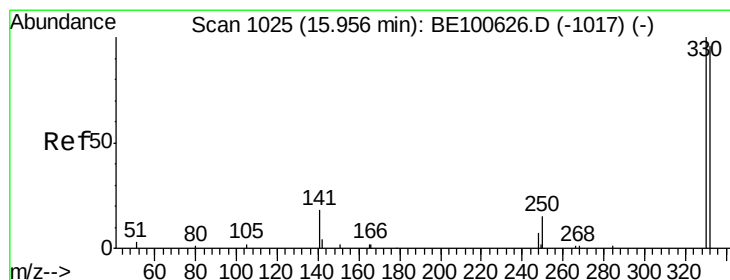
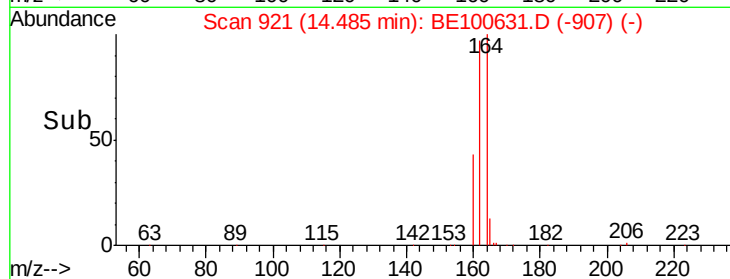
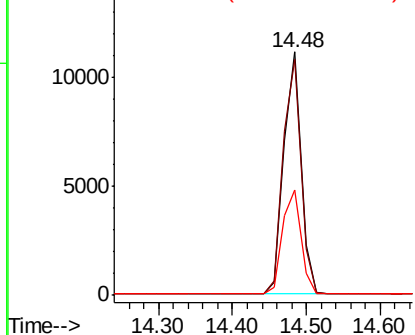
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101019

Tot Ion:164 Resp: 18269
 Ion Ratio Lower Upper
 164 100
 162 97.0 79.1 118.7
 160 43.5 34.7 52.1

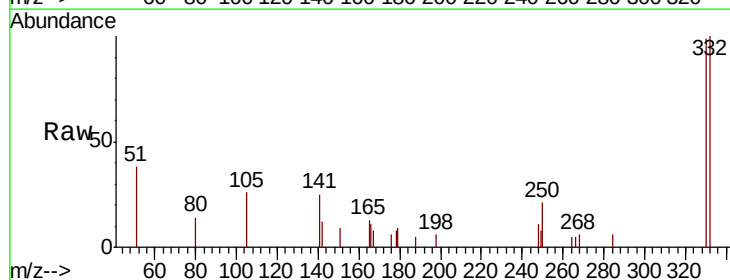


Abundance Ion 164.00 (163.70 to 164.70): E
 15000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

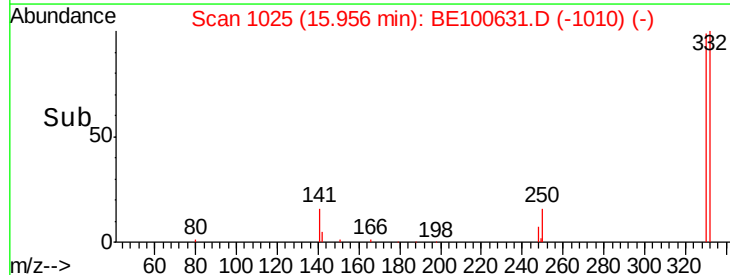
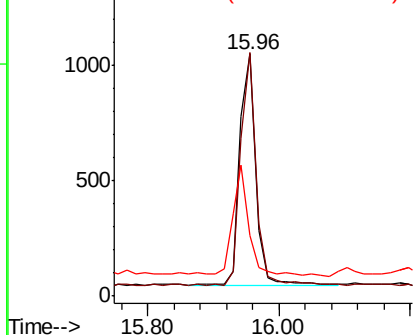


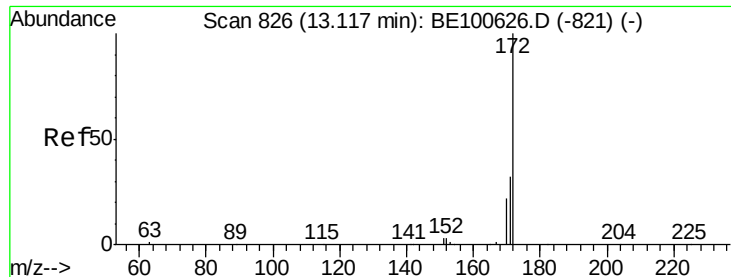
#14
 2,4,6-Tribromophenol
 Concen: 0.355 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

Tgt Ion:330 Resp: 1716
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.2 112.8
 141 54.1 37.5 56.3



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

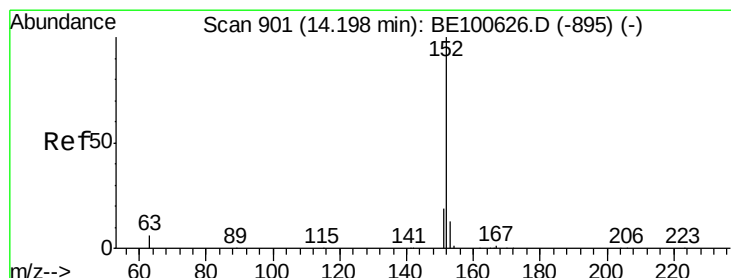
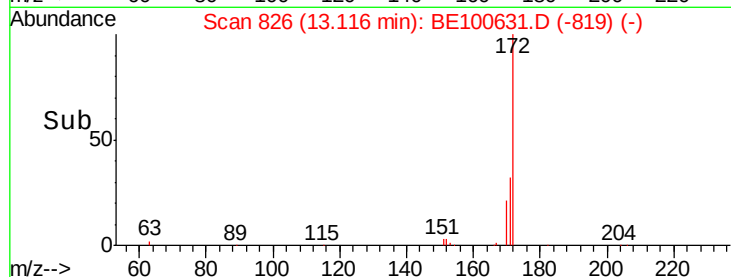
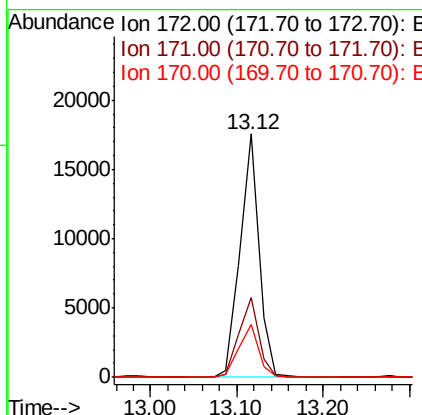
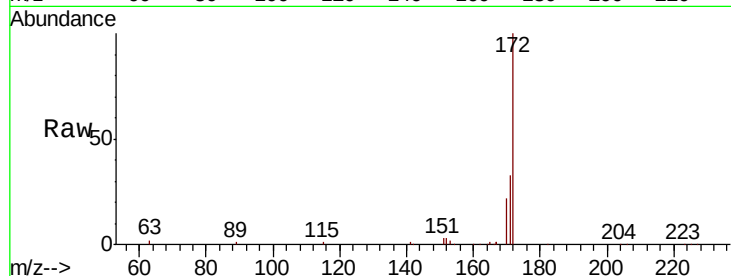




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100631.D
Acq: 10 Oct 2019 15:11

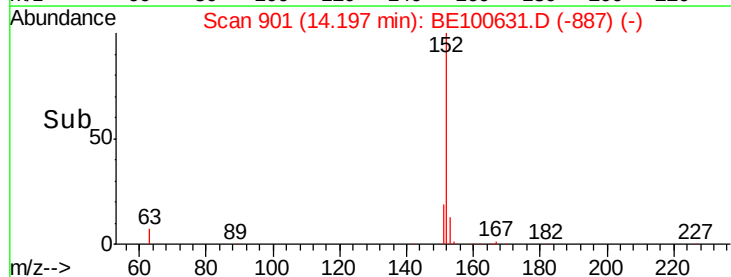
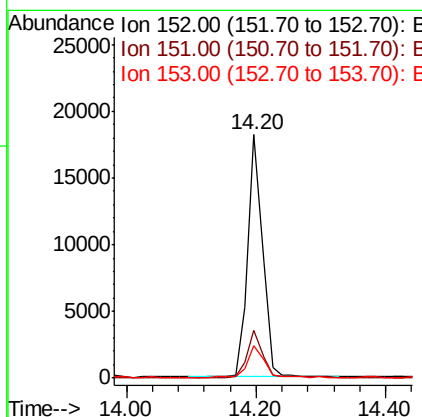
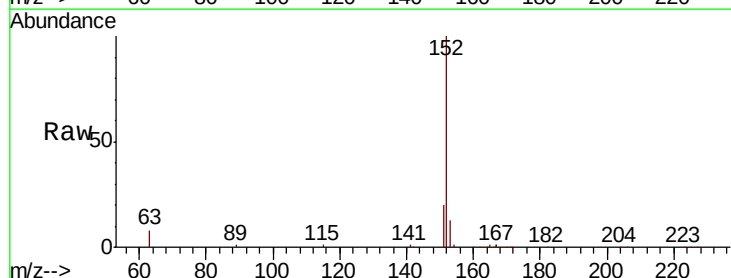
Instrument :
BNA_E
ClientSampleId :
ICVBE101019

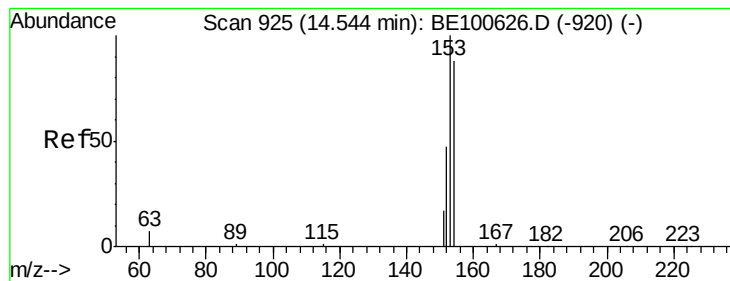
Tot Ion:172 Resp: 26265
Ion Ratio Lower Upper
172 100
171 32.6 26.2 39.4
170 21.5 17.5 26.3



#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100631.D
Acq: 10 Oct 2019 15:11

Tgt Ion:152 Resp: 29022
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.5 10.5 15.7





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

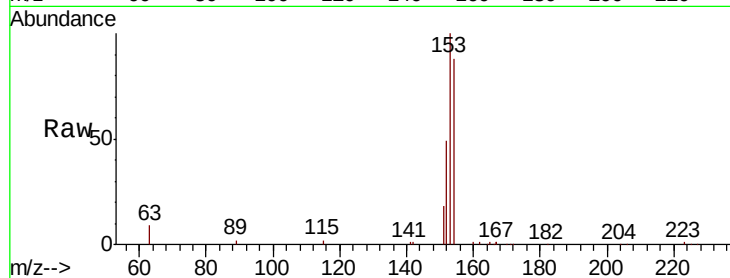
Tot Ion:154 Resp: 19399

Ion Ratio Lower Upper

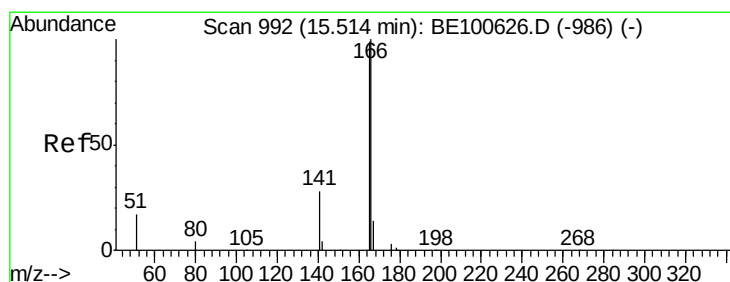
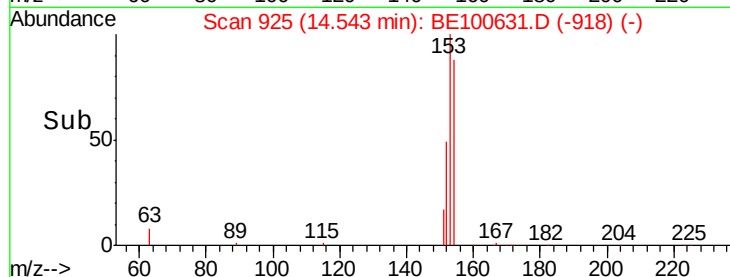
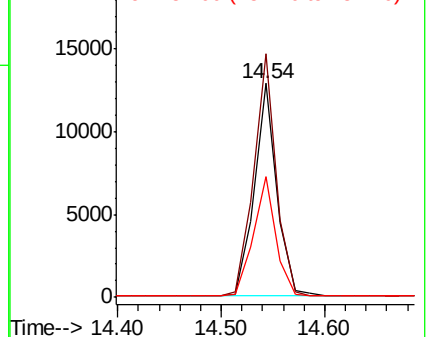
154 100

153 113.3 91.4 137.2

152 55.8 44.0 66.0



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: 0.389 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

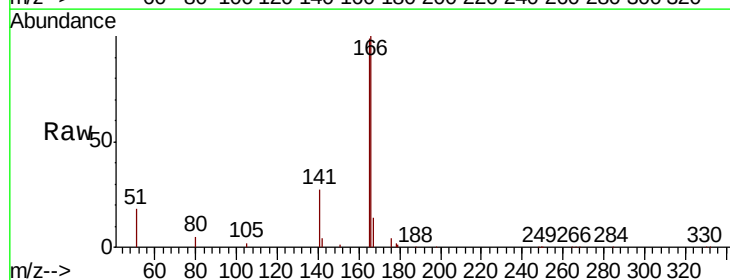
Tgt Ion:166 Resp: 26253

Ion Ratio Lower Upper

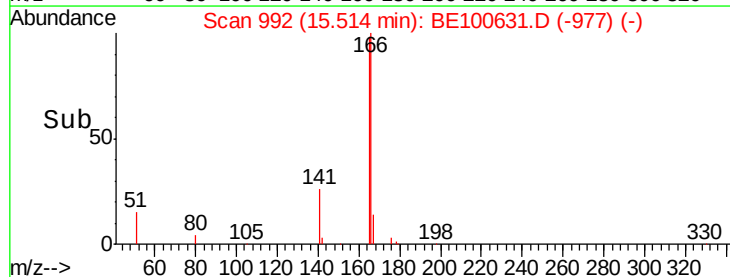
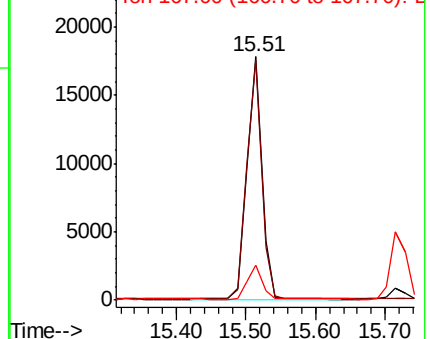
166 100

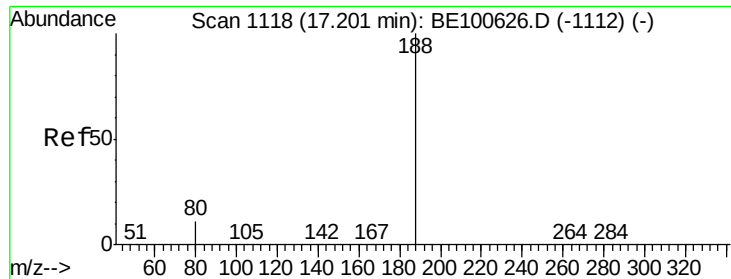
165 98.7 78.9 118.3

167 13.5 10.9 16.3



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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

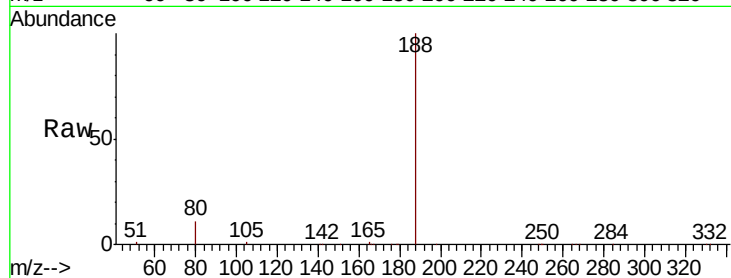
Tot Ion:188 Resp: 42897

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

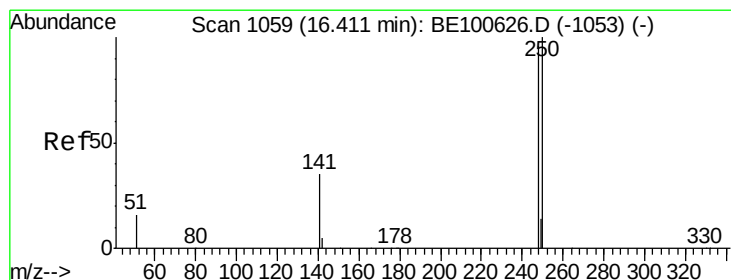
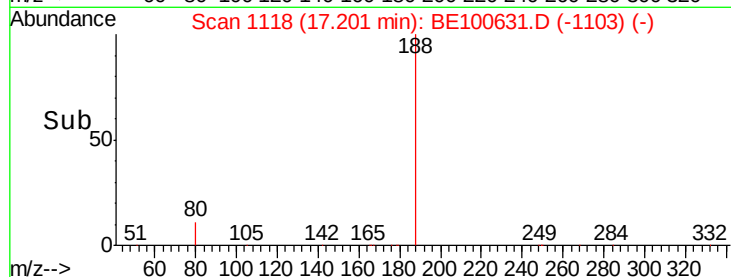
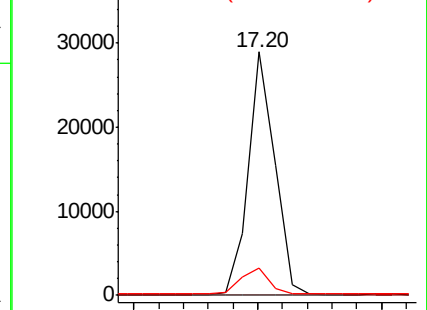
80 11.4 9.4 14.2



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: 0.385 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

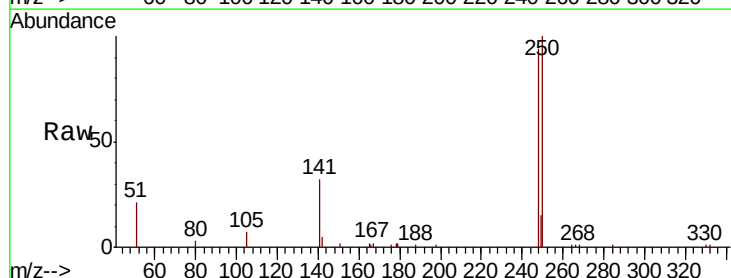
Tgt Ion:248 Resp: 8407

Ion Ratio Lower Upper

248 100

250 106.3 83.4 125.2

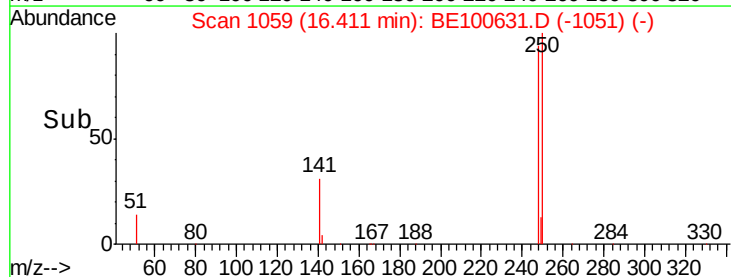
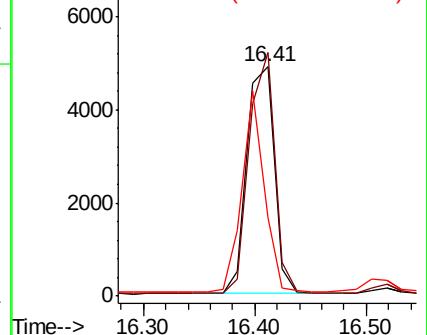
141 34.4 30.8 46.2

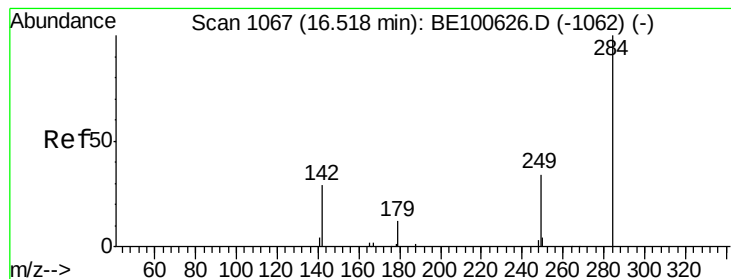


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.379 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

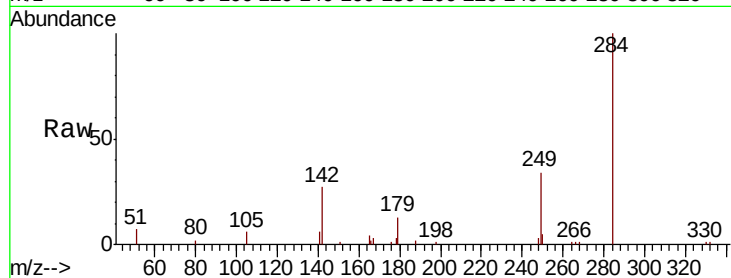
Tot Ion:284 Resp: 7888

Ion Ratio Lower Upper

284 100

142 37.6 29.8 44.8

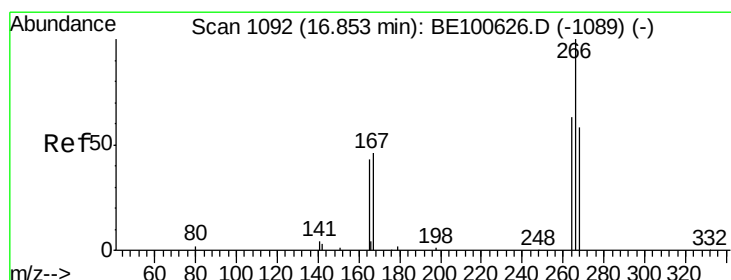
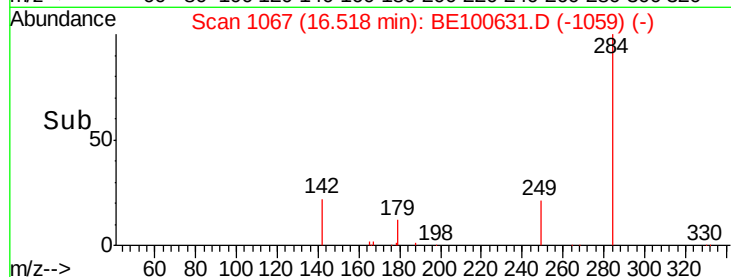
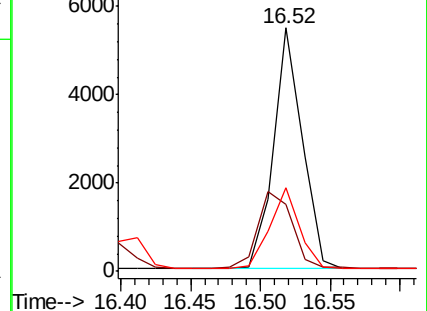
249 34.0 27.3 40.9



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: 0.362 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

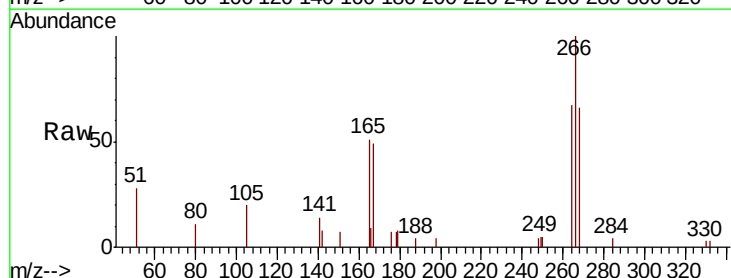
Tgt Ion:266 Resp: 2426

Ion Ratio Lower Upper

266 100

264 66.6 50.7 76.1

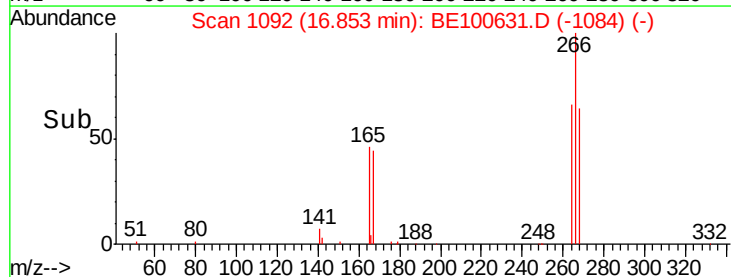
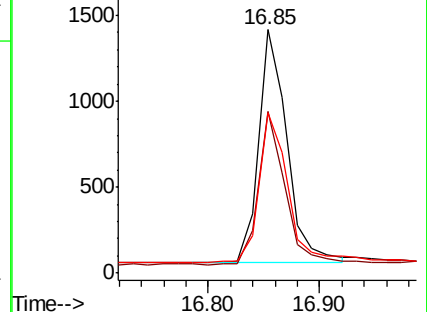
268 65.7 48.5 72.7

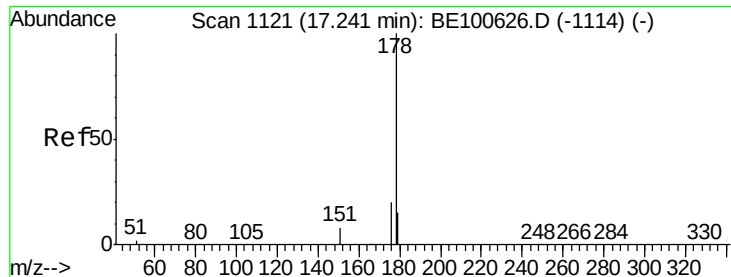


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

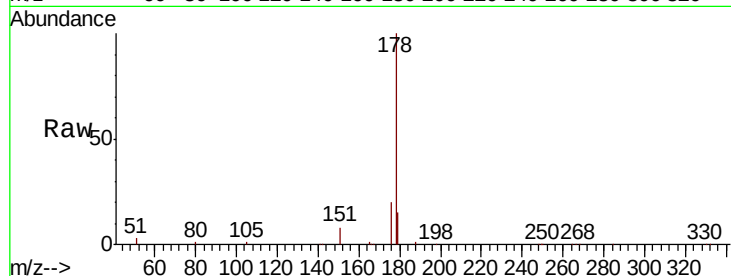
Tot Ion:178 Resp: 48273

Ion Ratio Lower Upper

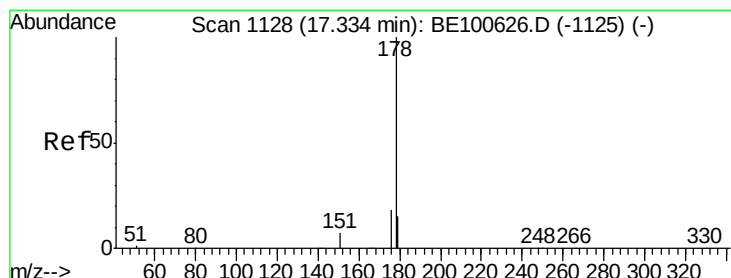
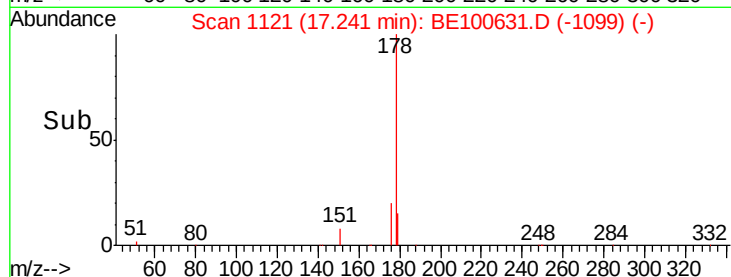
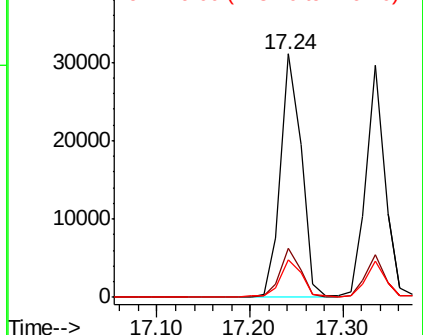
178 100

176 19.0 15.6 23.4

179 15.2 12.4 18.6



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: 0.382 ng

RT: 17.33 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

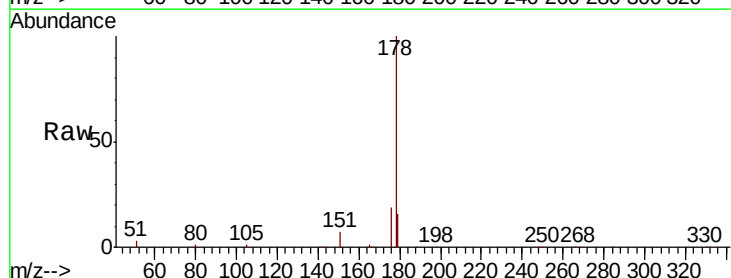
Tgt Ion:178 Resp: 41811

Ion Ratio Lower Upper

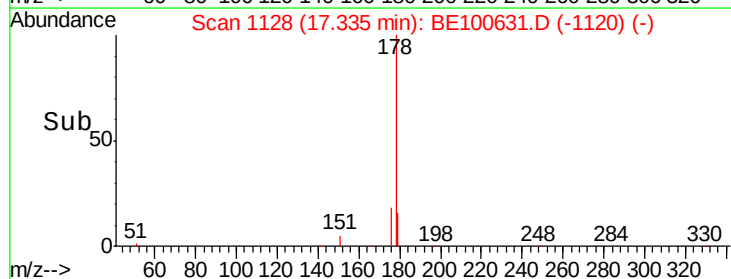
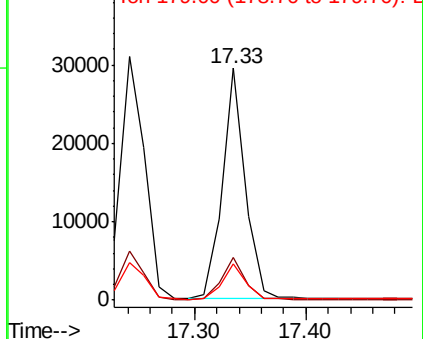
178 100

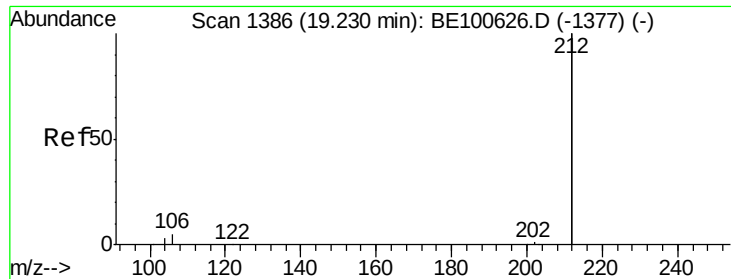
176 18.7 14.5 21.7

179 15.6 12.4 18.6



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: 0.382 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

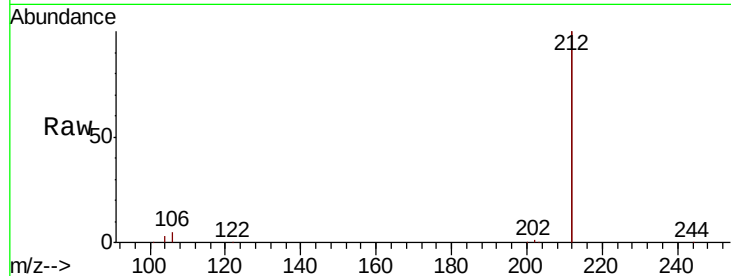
Tot Ion:212 Resp: 211648

Ion Ratio Lower Upper

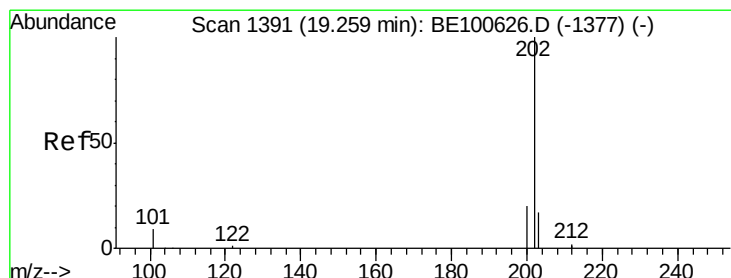
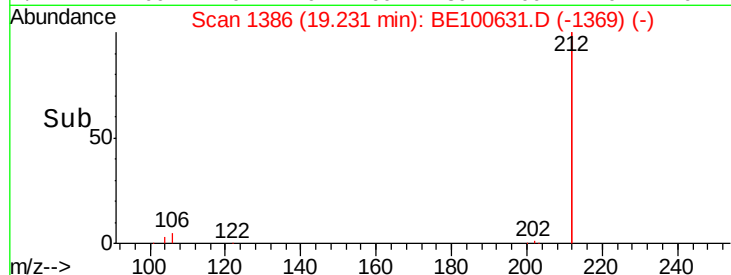
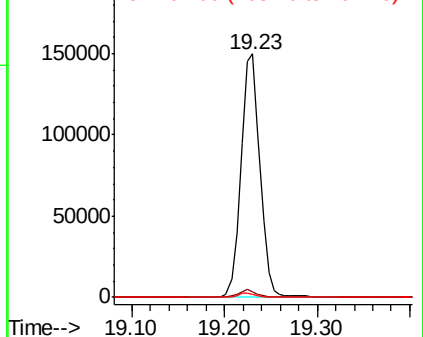
212 100

106 2.8 2.2 3.4

104 1.6 1.3 1.9



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: 0.398 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

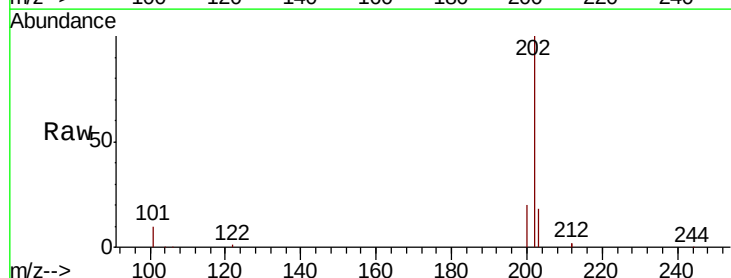
Tgt Ion:202 Resp: 61314

Ion Ratio Lower Upper

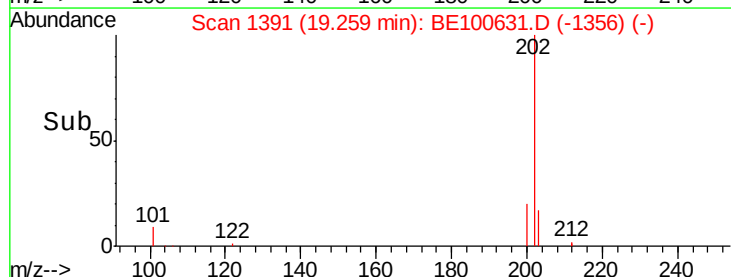
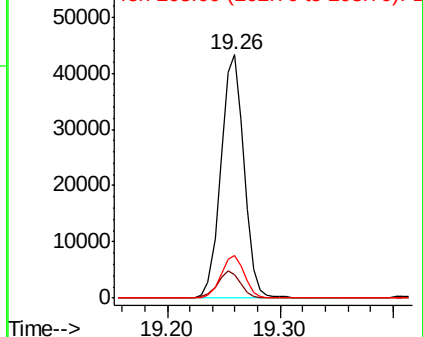
202 100

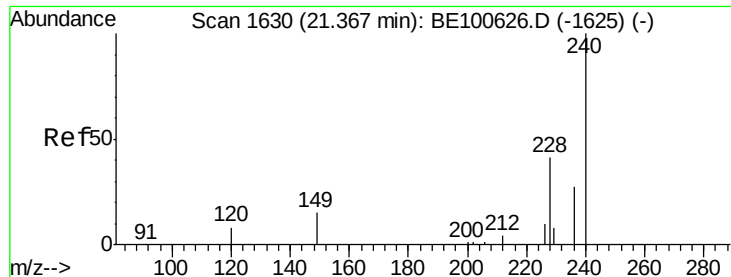
101 10.8 8.4 12.6

203 17.2 13.8 20.6



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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

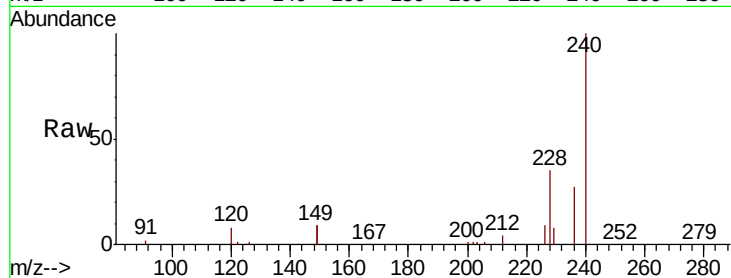
Tot Ion:240 Resp: 55768

Ion Ratio Lower Upper

240 100

120 8.3 7.4 11.0

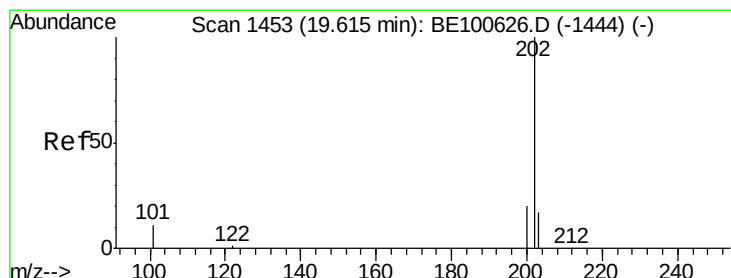
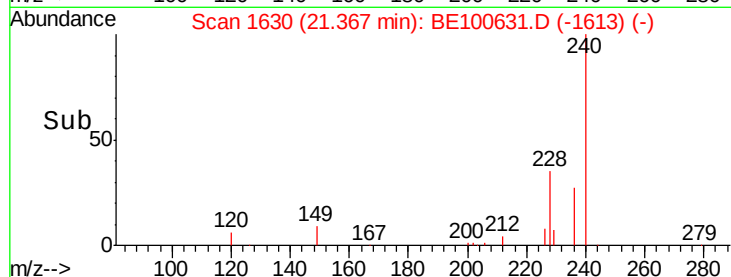
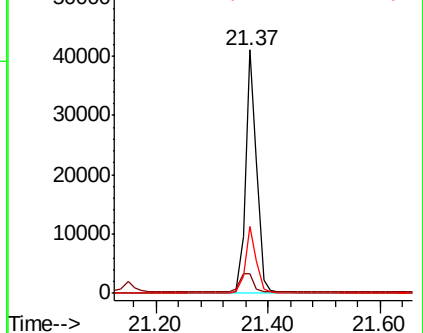
236 27.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.411 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

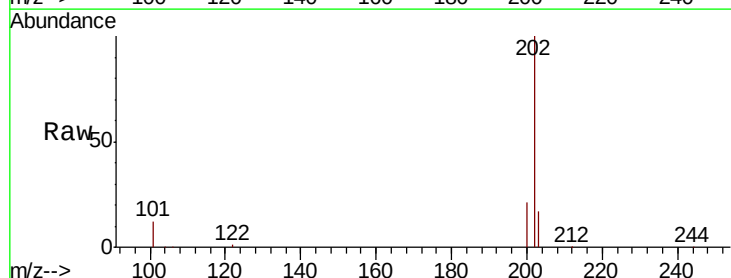
Tgt Ion:202 Resp: 64106

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

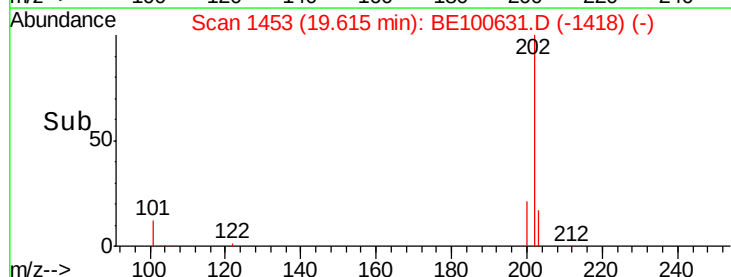
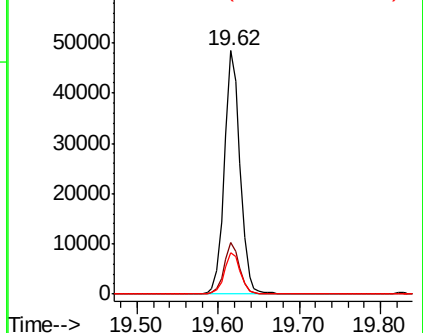
203 17.4 13.9 20.9

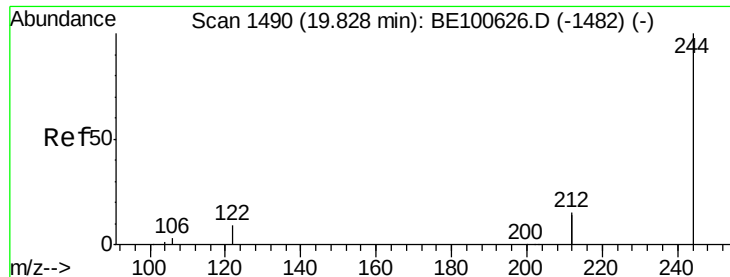


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.83 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

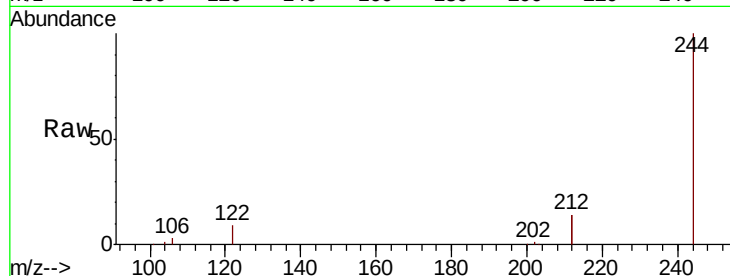
Tot Ion:244 Resp: 48341

Ion Ratio Lower Upper

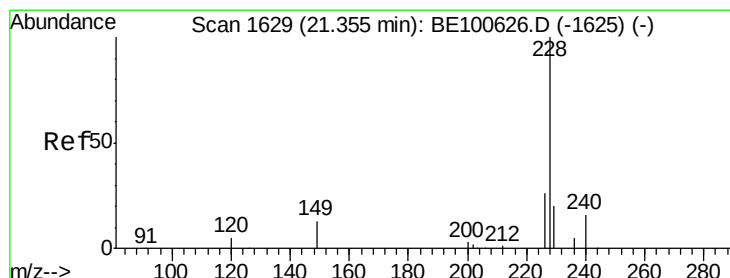
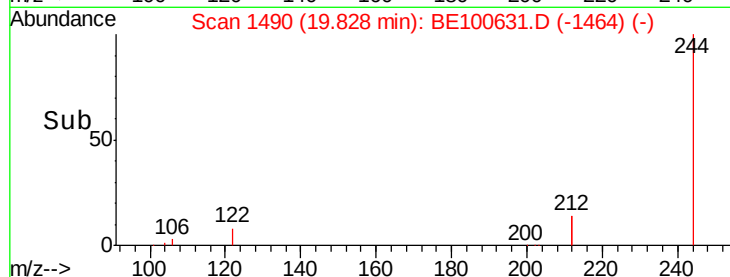
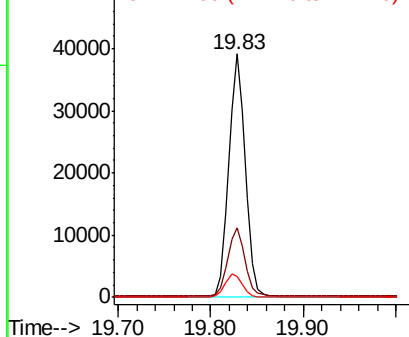
244 100

212 28.5 23.9 35.9

122 8.6 7.7 11.5



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



#30

Benzo(a)anthracene

Concen: 0.386 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

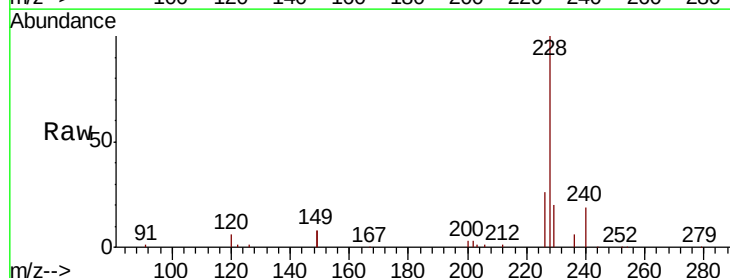
Tgt Ion:228 Resp: 70276

Ion Ratio Lower Upper

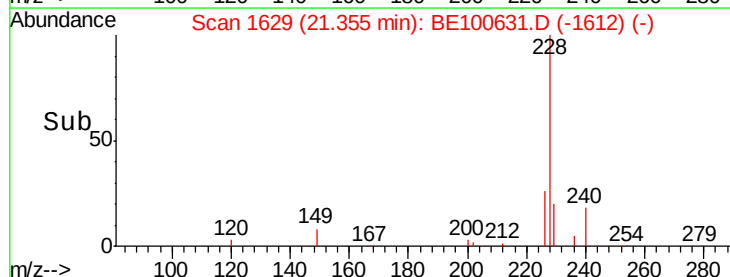
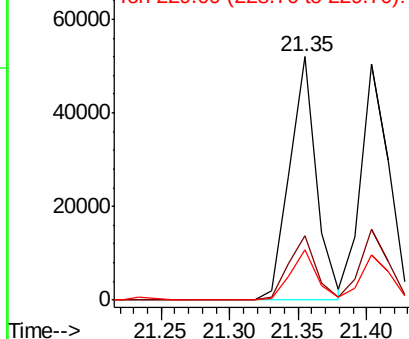
228 100

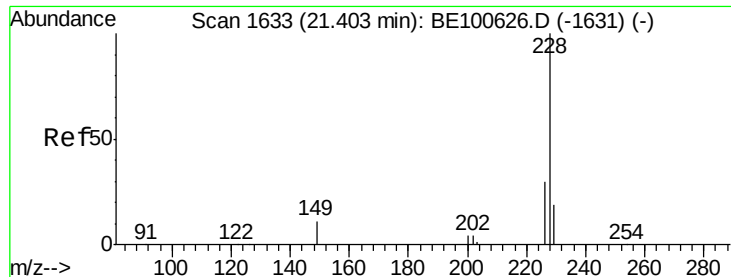
226 26.2 21.0 31.6

229 20.5 15.8 23.8



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

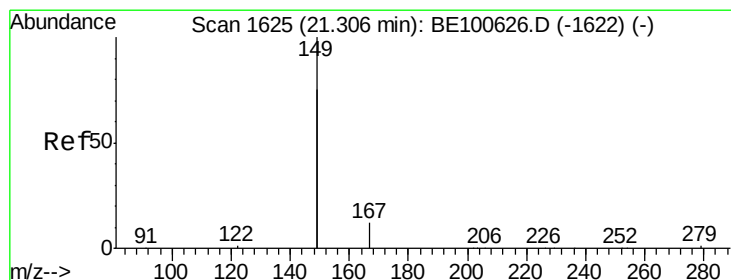
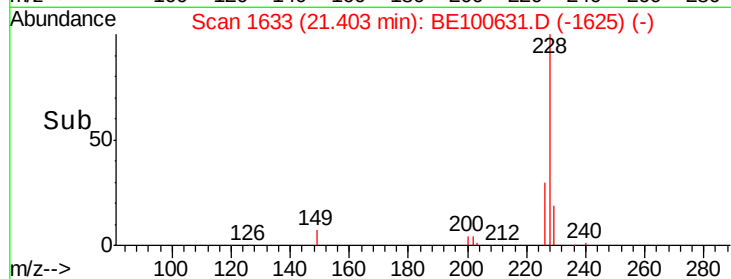
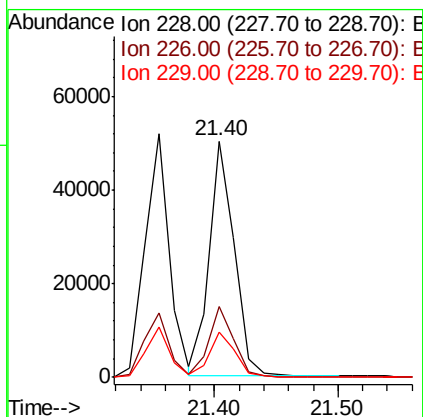
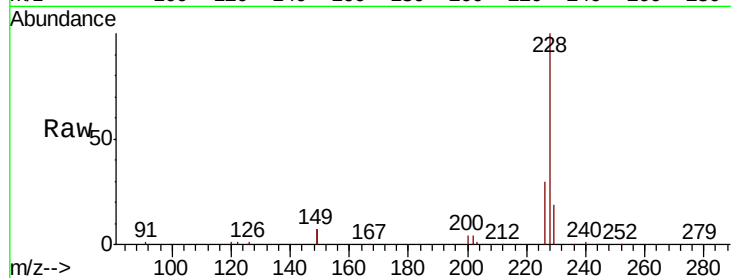




#31
 Chrysene
 Concen: 0.389 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

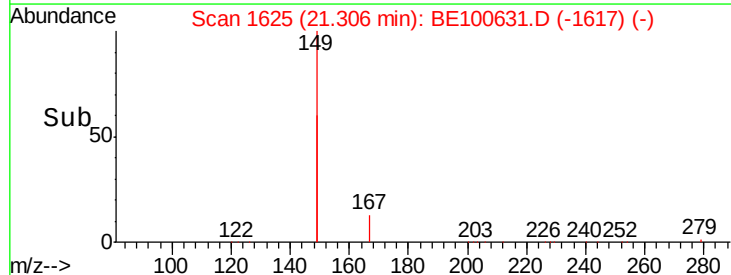
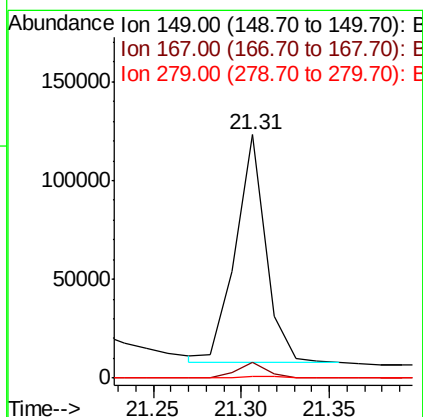
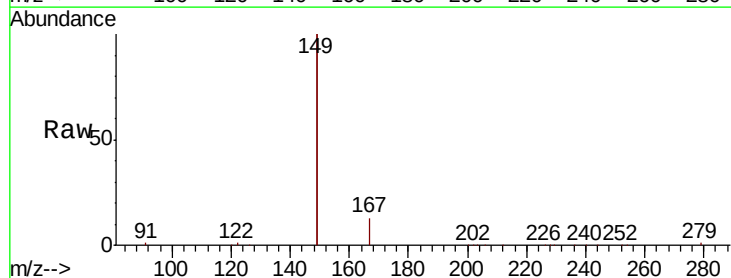
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101019

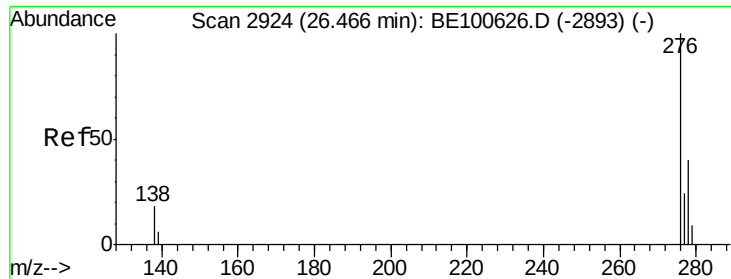
Tot Ion:228 Resp: 70751
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.5 36.7
 229 19.3 15.6 23.4



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.364 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

Tgt Ion:149 Resp: 138450
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.2
 279 1.0 1.5 2.3#

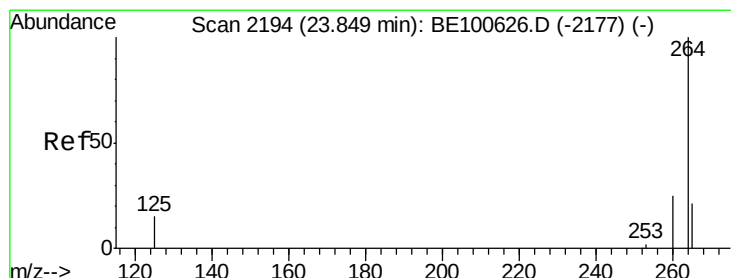
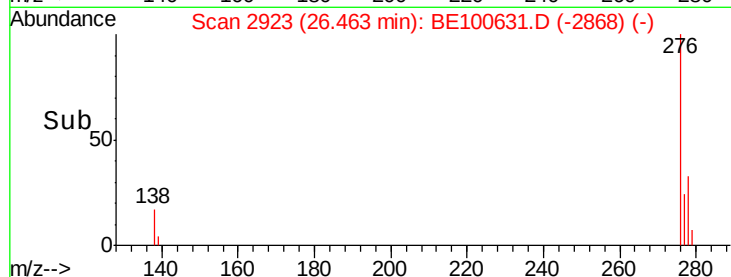
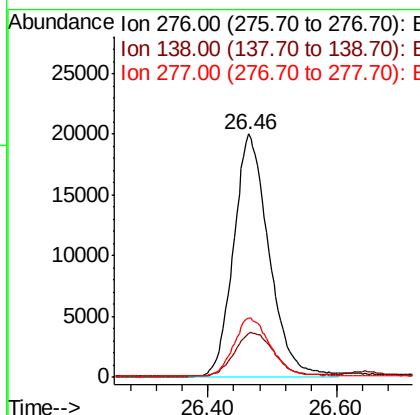
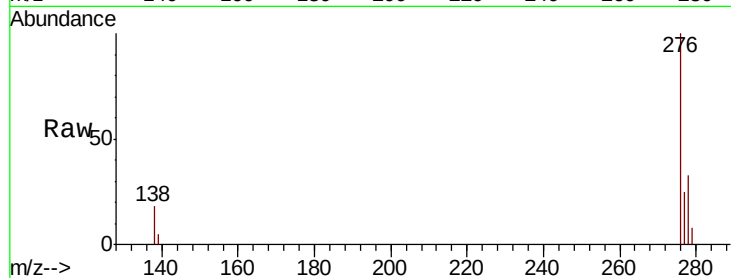




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.340 ng
 RT: 26.46 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

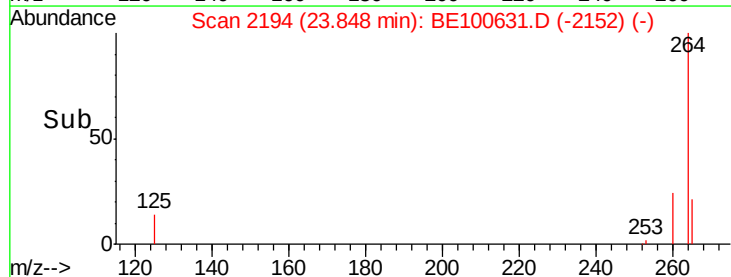
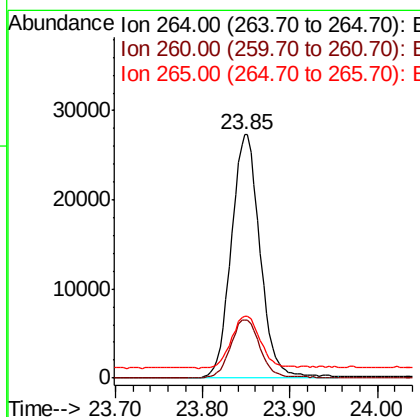
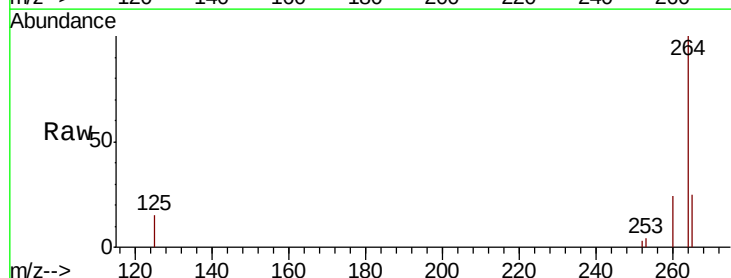
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE101019

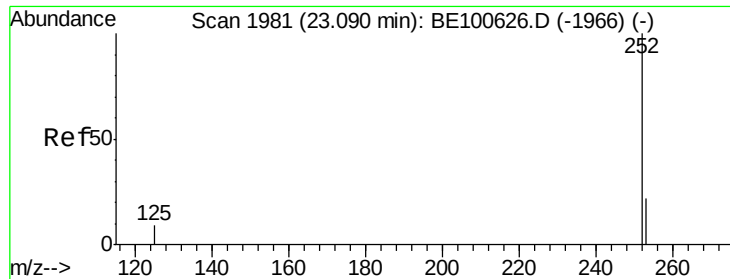
Tot Ion:276 Resp: 76021
 Ion Ratio Lower Upper
 276 100
 138 19.8 16.0 24.0
 277 24.8 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BE100631.D
 Acq: 10 Oct 2019 15:11

Tgt Ion:264 Resp: 62046
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 25.3 20.0 30.0

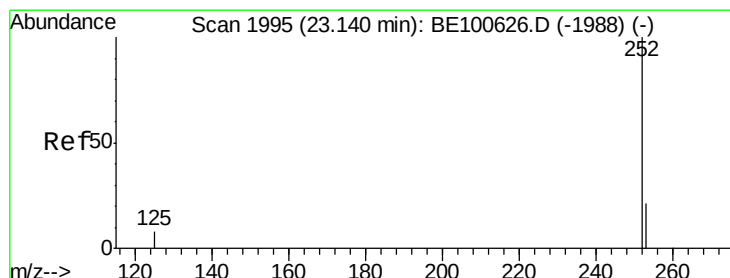
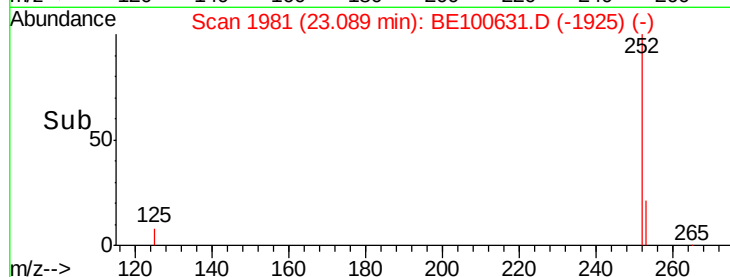
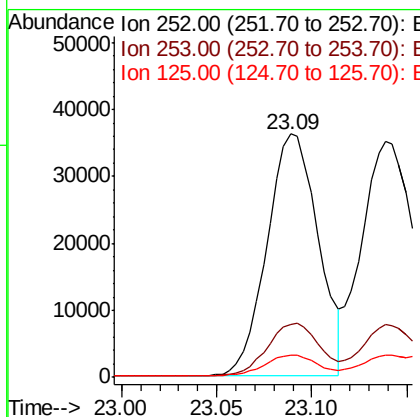
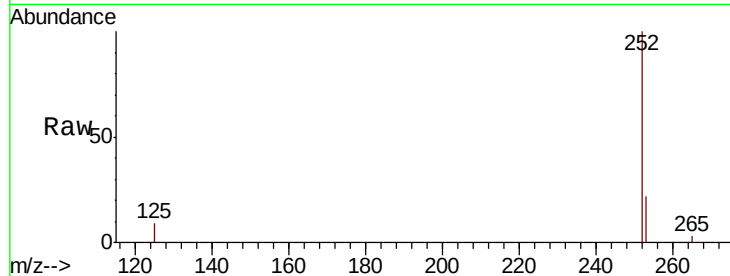




#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE100631.D
Acq: 10 Oct 2019 15:11

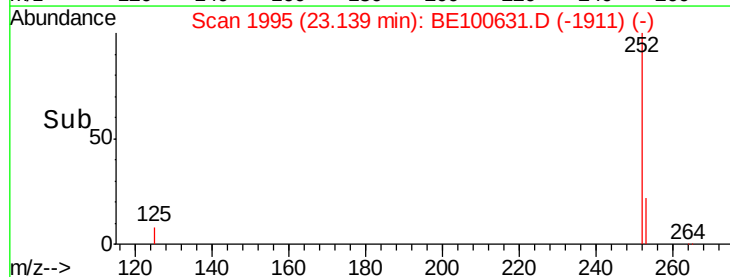
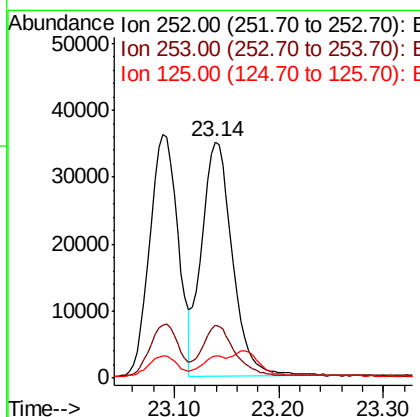
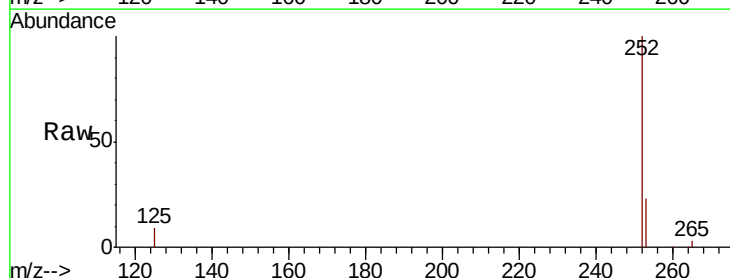
Instrument :
BNA_E
ClientSampleId :
ICVBE101019

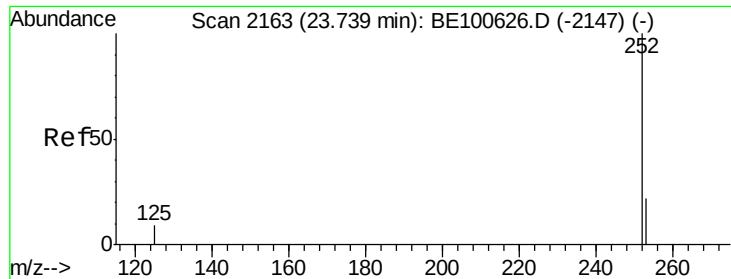
Tot Ion:252 Resp: 67896
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 9.1 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE100631.D
Acq: 10 Oct 2019 15:11

Tgt Ion:252 Resp: 71323
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.2 7.6 11.4





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.74 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

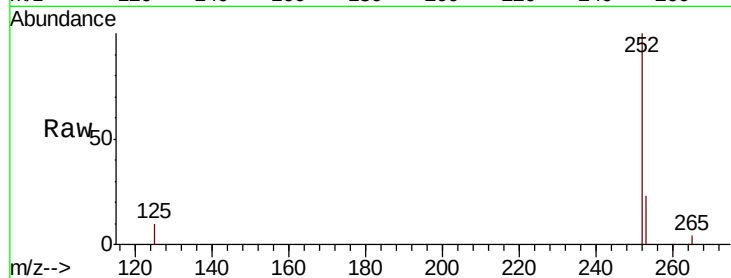
Tot Ion:252 Resp: 61523

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

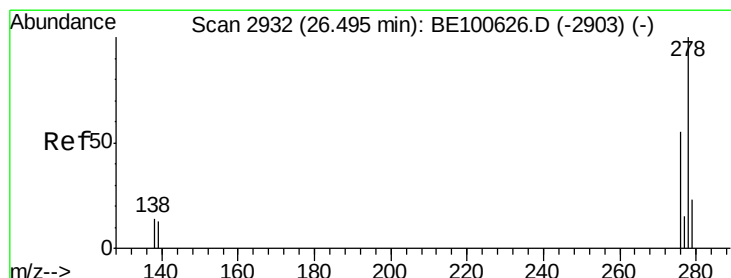
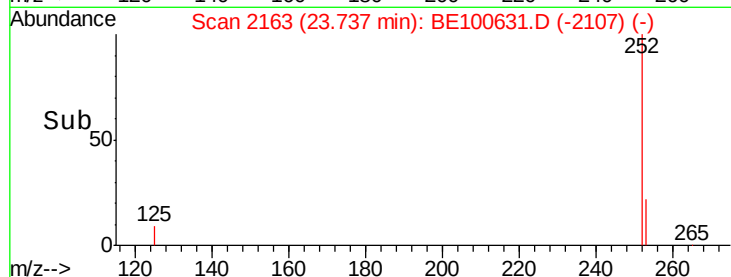
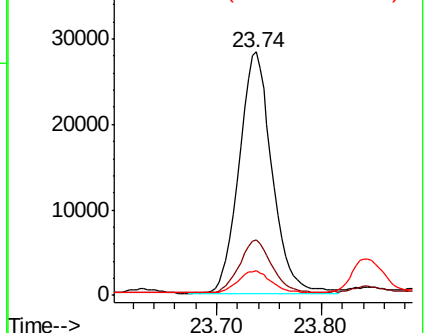
125 10.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.00 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

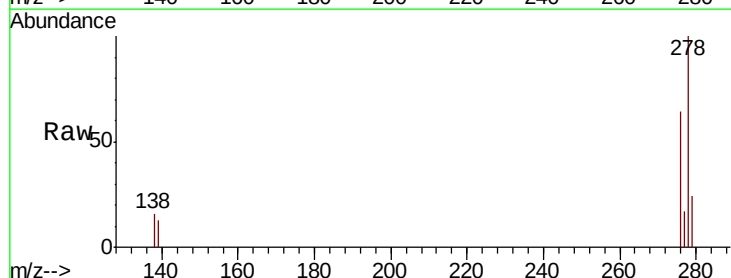
Tgt Ion:278 Resp: 62741

Ion Ratio Lower Upper

278 100

139 12.9 11.2 16.8

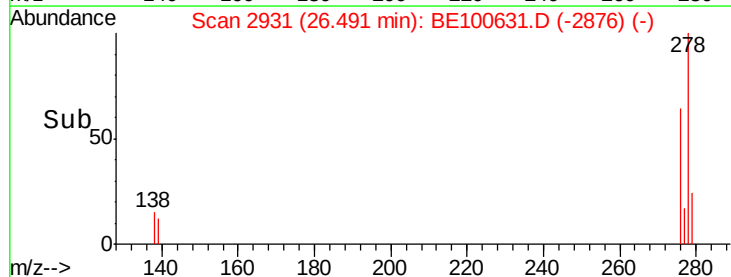
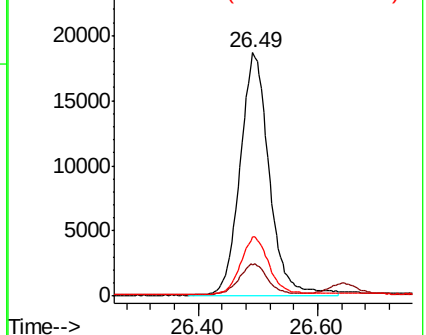
279 24.3 19.0 28.6

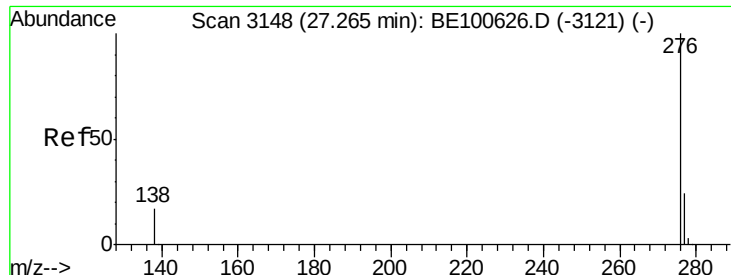


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.26 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BE100631.D

Acq: 10 Oct 2019 15:11

Instrument :

BNA_E

ClientSampleId :

ICVBE101019

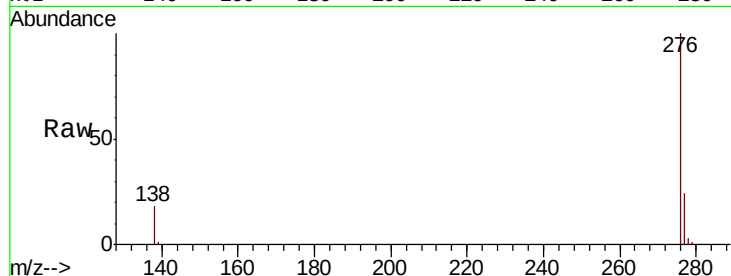
Tot Ion:276 Resp: 64732

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 17.7 14.5 21.7



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

