

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100323.D
 Acq On : 3 Jul 2019 11:46
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 04 00:34:55 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	7.64	152	427	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	1543	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	1331	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	4148	0.40	ng	0.01
27) Chrysene-d12	21.26	240	5436	0.40	ng	0.01
34) Perylene-d12	23.68	264	6681	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	97	0.09	ng	0.00
5) Phenol-d6	6.86	99	510	0.36	ng	0.02
8) Nitrobenzene-d5	8.83	82	513	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	1265	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	86	0.09	ng	0.08
15) 2-Fluorobiphenyl	12.96	172	2146	0.41	ng	0.02
25) Fluoranthene-d10	19.10	212	26469	0.44	ng	0.00
29) Terphenyl-d14	19.71	244	6105	0.54	ng	0.01

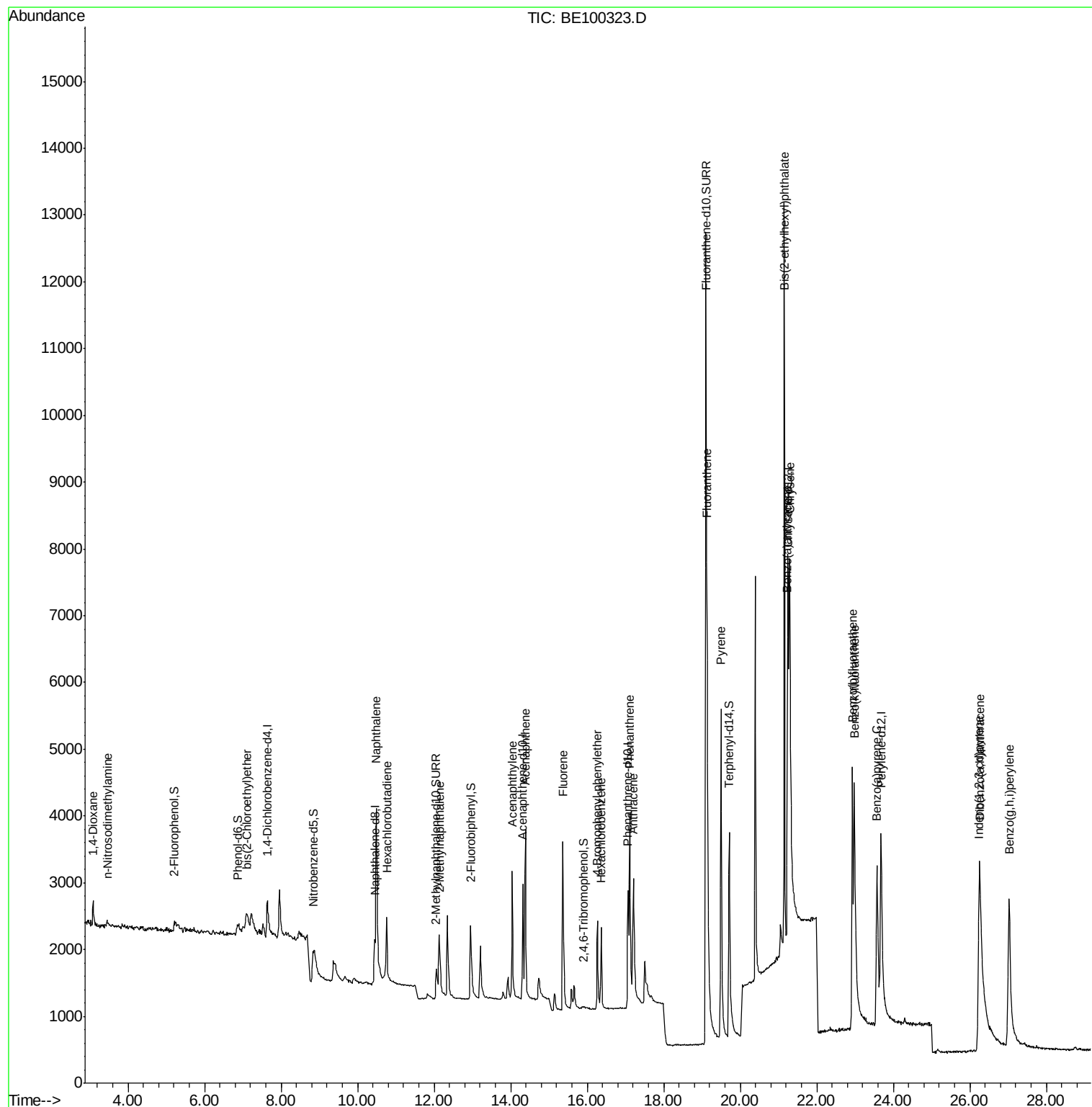
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	310	0.468	ng	92
3) n-Nitrosodimethylamine	3.46	42	144	0.466	ng	# 51
6) bis(2-Chloroethyl)ether	7.10	93	442	0.376	ng	# 63
9) Naphthalene	10.48	128	7277	0.428	ng	98
10) Hexachlorobutadiene	10.76	225	839	0.512	ng	99
12) 2-Methylnaphthalene	12.14	142	1199	0.402	ng	97
16) Acenaphthylene	14.04	152	2704	0.423	ng	100
17) Acenaphthene	14.38	154	1593	0.440	ng	99
18) Fluorene	15.37	166	2316	0.433	ng	99
20) 4-Bromophenyl-phenylether	16.26	248	1188	0.449	ng	94
21) Hexachlorobenzene	16.36	284	1236	0.450	ng	99
23) Phenanthrene	17.11	178	4137	0.411	ng	98
24) Anthracene	17.20	178	3383	0.374	ng	100
26) Fluoranthene	19.13	202	7055	0.441	ng	98
28) Pyrene	19.49	202	7408	0.515	ng	99
30) Benzo(a)anthracene	21.23	228	6758	0.378	ng	98
31) Chrysene	21.29	228	7115	0.396	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	13039	0.459	ng	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	8618	0.363	ng	# 93
35) Benzo(b)fluoranthene	22.93	252	6140	0.339	ng	98
36) Benzo(k)fluoranthene	22.98	252	9787	0.484	ng	# 93
37) Benzo(a)pyrene	23.57	252	7373	0.406	ng	96
38) Dibenzo(a,h)anthracene	26.27	278	6529	0.344	ng	# 87
39) Benzo(g,h,i)perylene	27.03	276	8083	0.415	ng	96

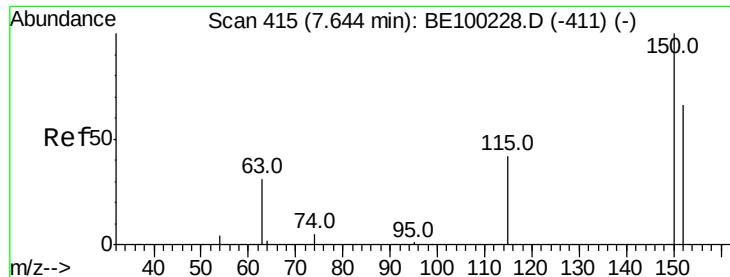
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100323.D
Acq On : 3 Jul 2019 11:46
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 04 00:34:55 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

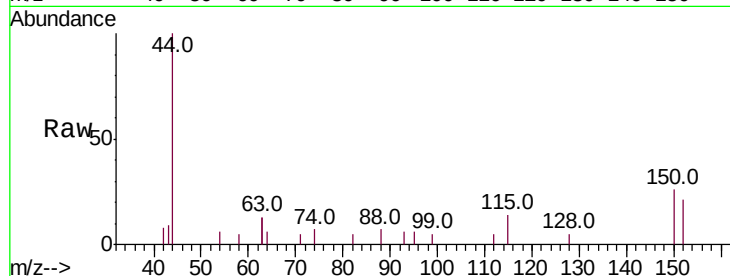
Tot Ion:152 Resp: 427

Ion Ratio Lower Upper

152 100

150 127.9 114.5 171.7

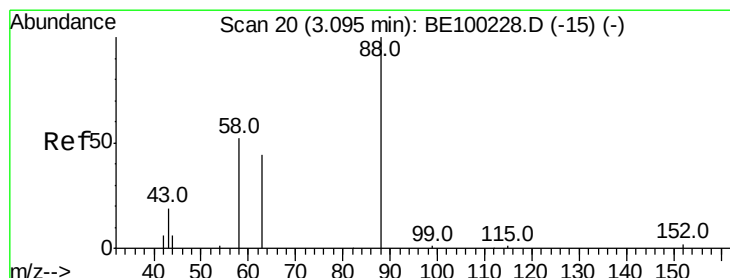
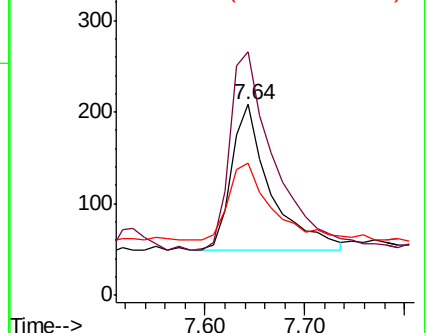
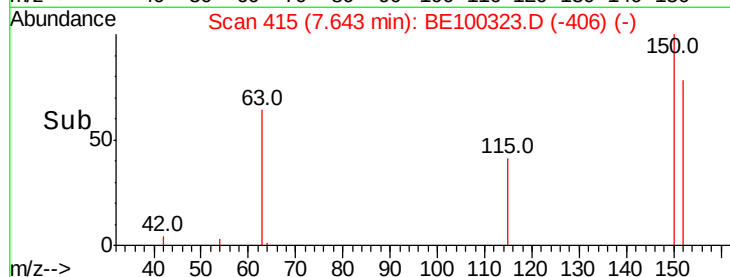
115 69.2 57.1 85.7



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: 0.468 ng

RT: 3.08 min Scan# 19

Delta R.T. -0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

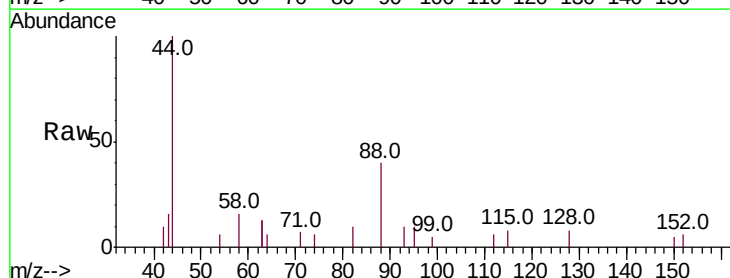
Tgt Ion: 88 Resp: 310

Ion Ratio Lower Upper

88 100

58 60.3 43.6 65.4

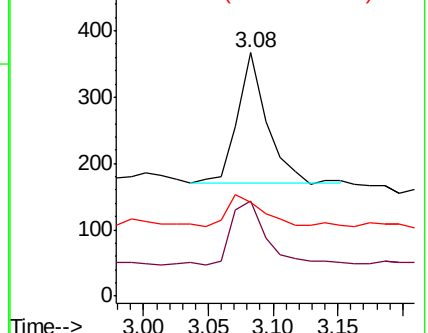
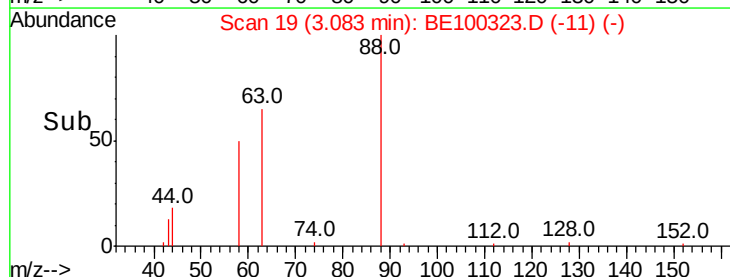
43 30.3 21.4 32.0

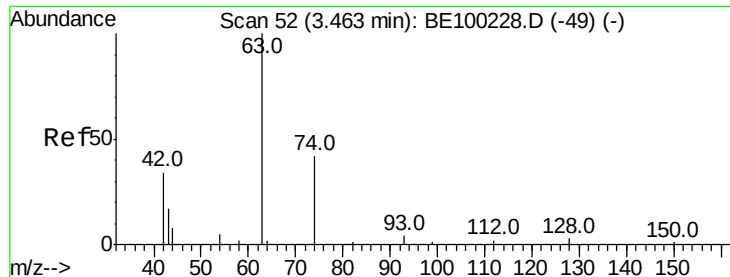


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.466 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

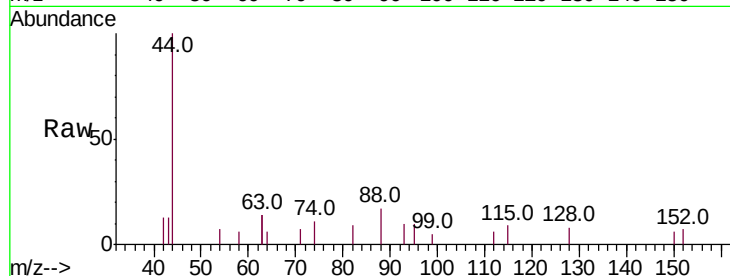
Tot Ion: 42 Resp: 144

Ion Ratio Lower Upper

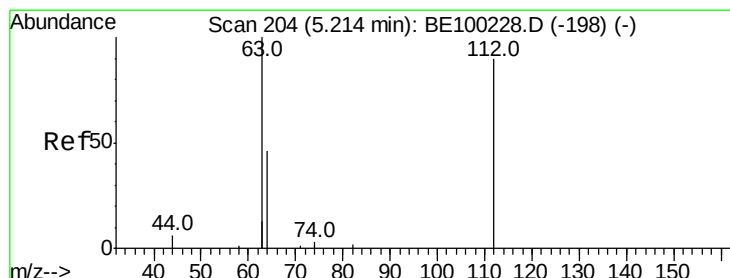
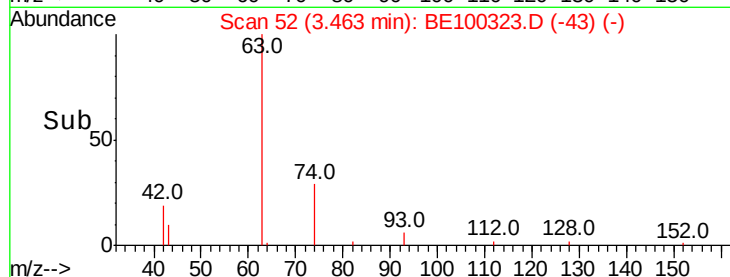
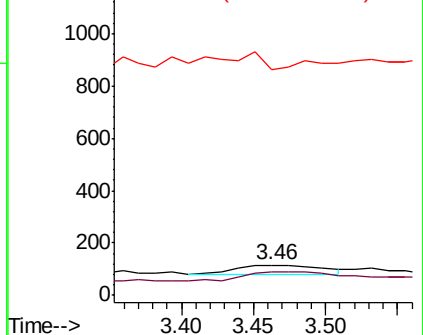
42 100

74 106.3 130.6 196.0#

44 95.8 38.0 57.0#



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



#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

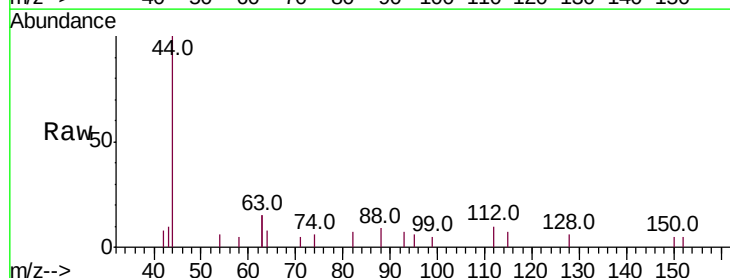
Tgt Ion: 112 Resp: 97

Ion Ratio Lower Upper

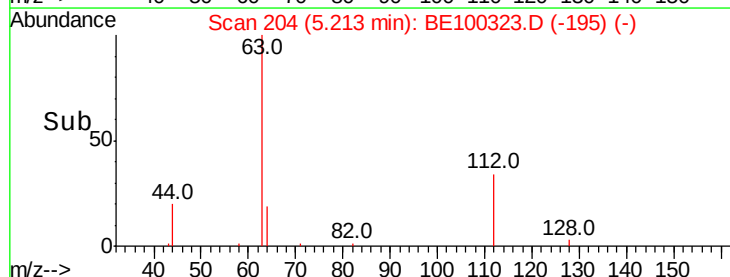
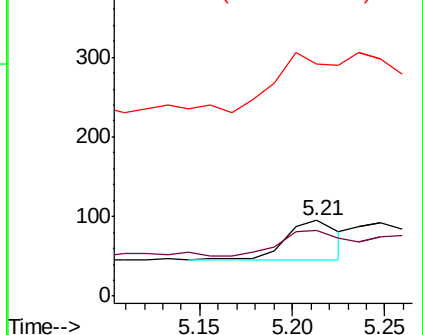
112 100

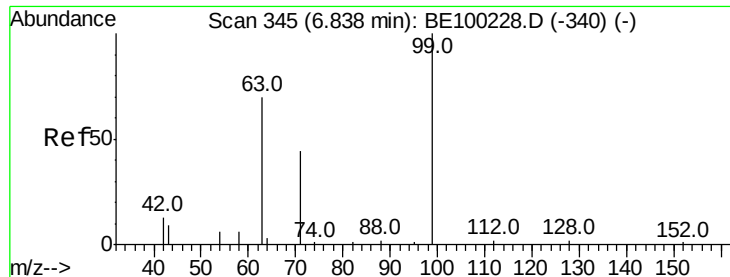
64 81.4 39.4 59.0#

63 551.5 104.5 156.7#



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: 0.356 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.02 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

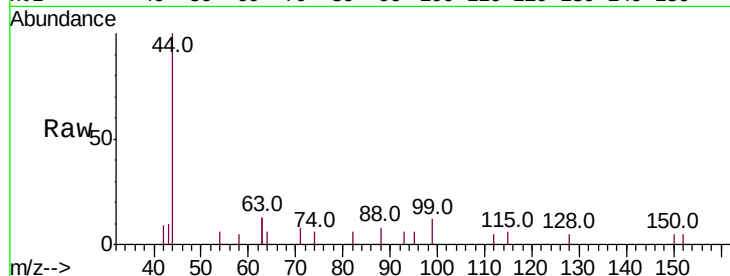
Tot Ion: 99 Resp: 510

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

71 47.3 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

6.86

100

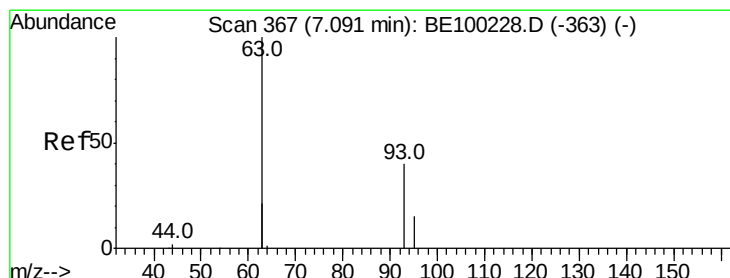
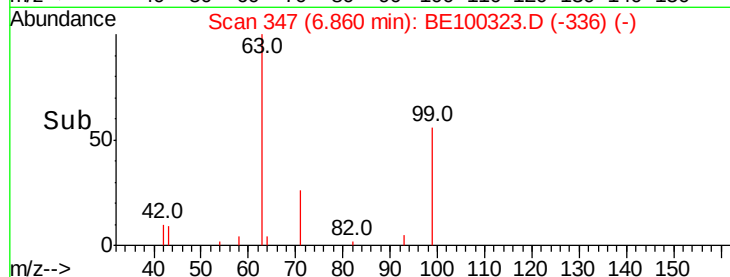
50

0

6.80

7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 7.10 min Scan# 368

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

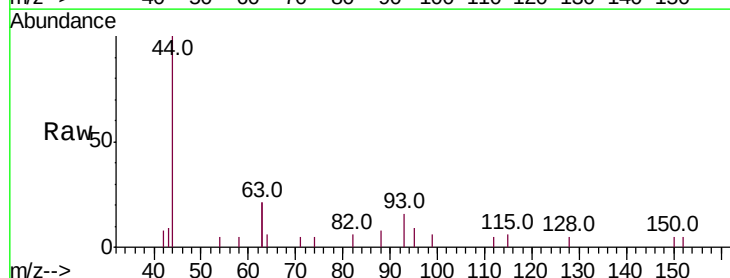
Tgt Ion: 93 Resp: 442

Ion Ratio Lower Upper

93 100

63 255.9 155.6 233.4#

95 31.2 23.0 34.4



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

500

400

300

200

100

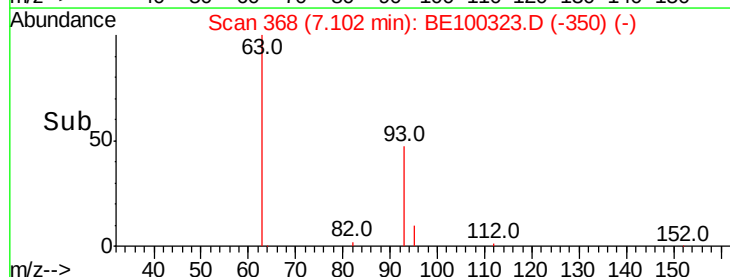
0

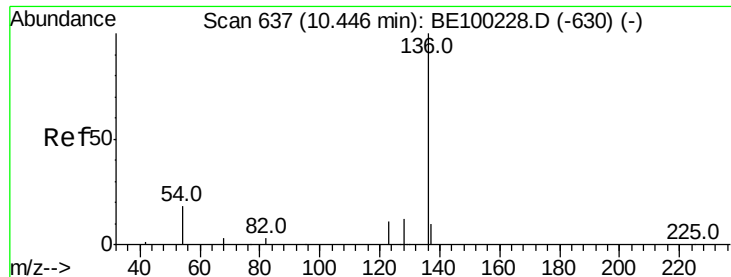
7.00

7.10

7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 1543

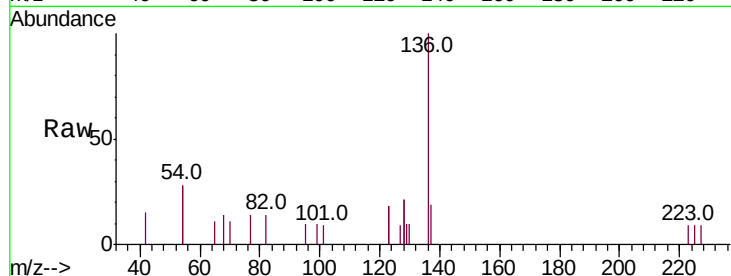
Ion Ratio Lower Upper

136 100

137 19.2 11.8 17.8#

54 55.1 27.7 41.5#

68 14.4 6.8 10.2#

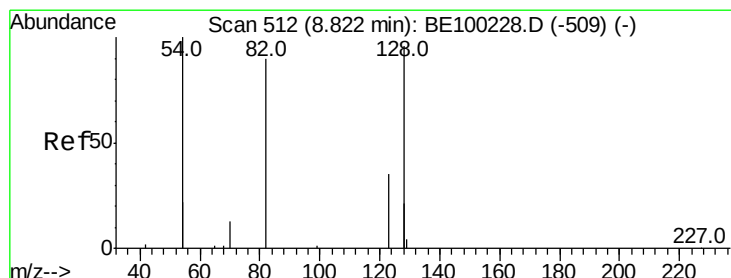
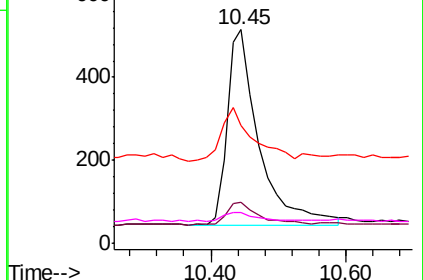
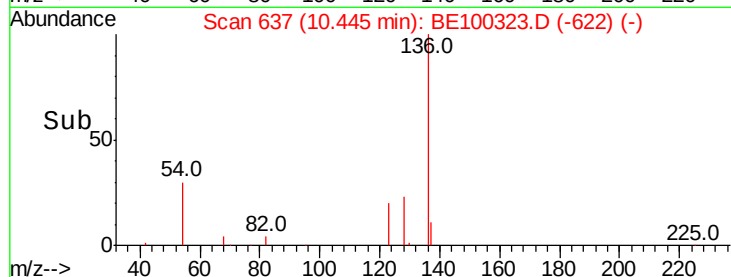


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

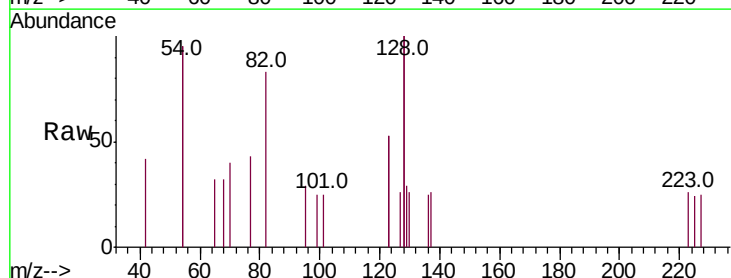
Tgt Ion: 82 Resp: 513

Ion Ratio Lower Upper

82 100

128 239.7 140.9 211.3#

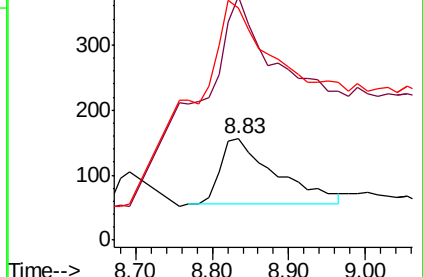
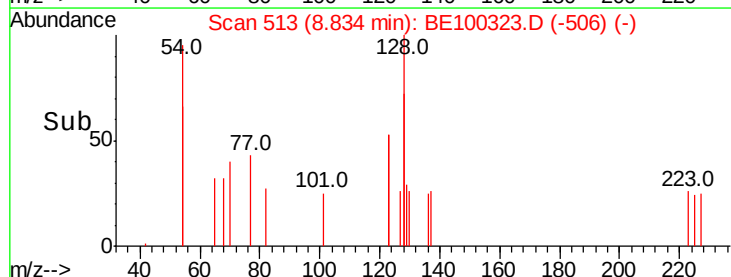
54 228.2 146.2 219.2#

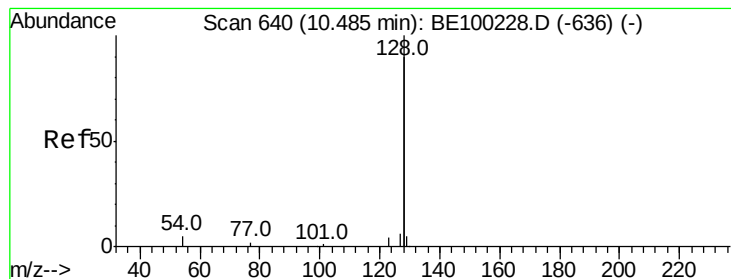


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.428 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

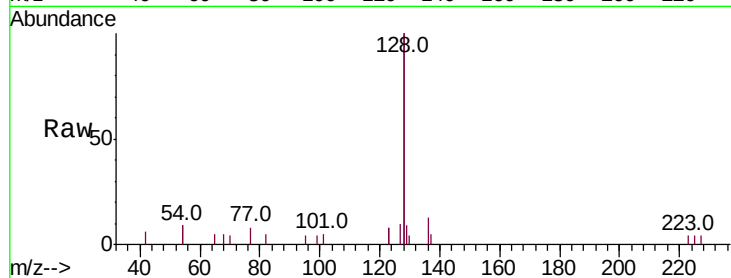
Tot Ion:128 Resp: 7277

Ion Ratio Lower Upper

128 100

129 4.4 3.0 4.6

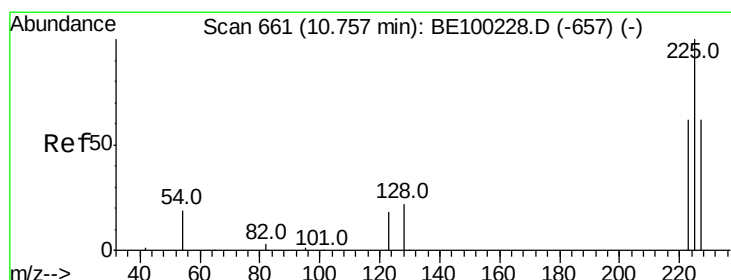
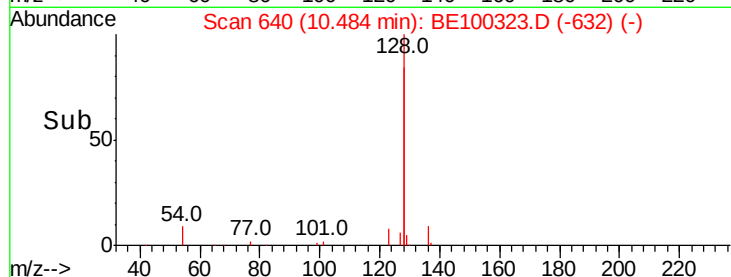
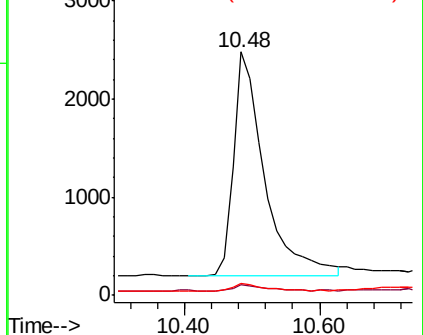
127 5.0 3.5 5.3



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



#10

Hexachlorobutadiene

Concen: 0.512 ng

RT: 10.76 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

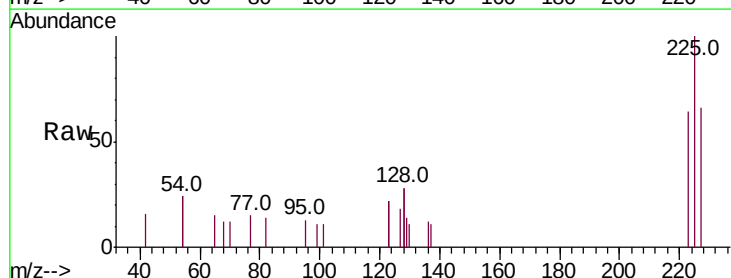
Tgt Ion:225 Resp: 839

Ion Ratio Lower Upper

225 100

223 62.6 49.1 73.7

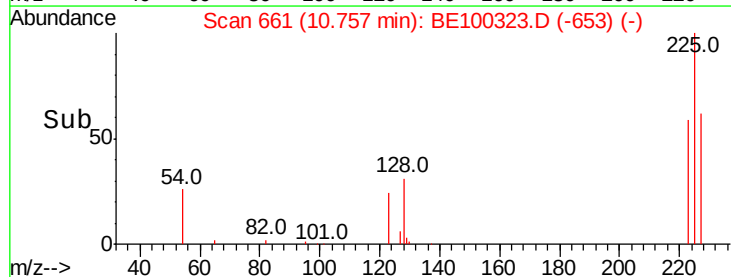
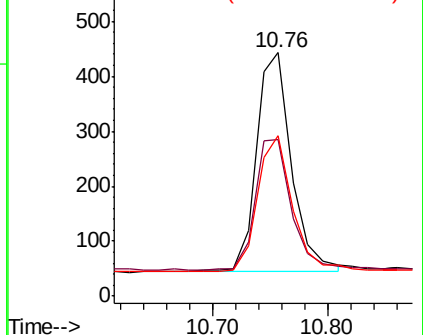
227 62.2 49.3 73.9

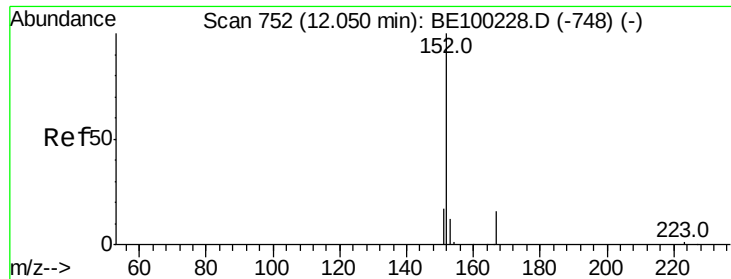


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

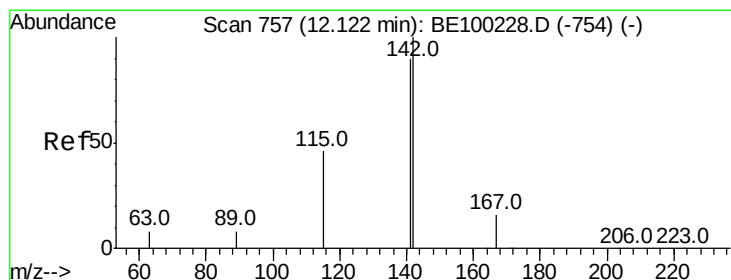
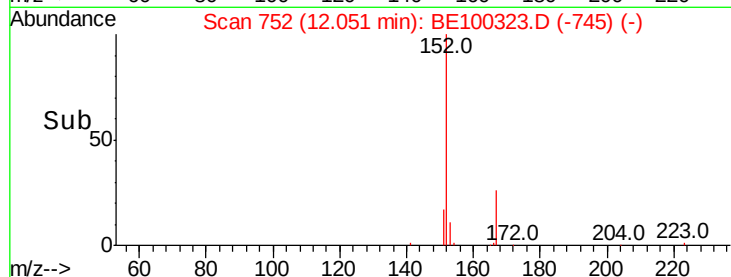
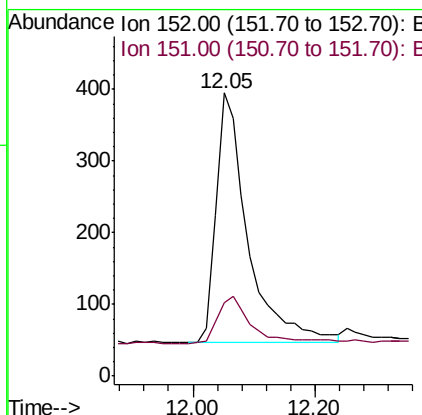
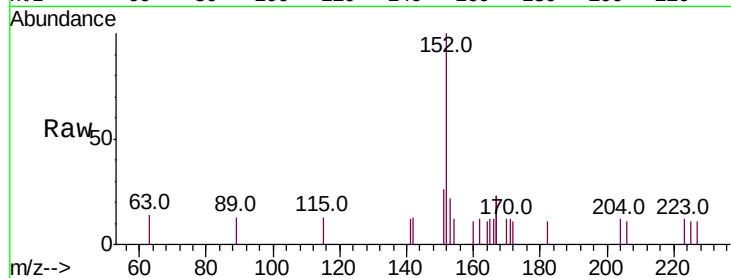




#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

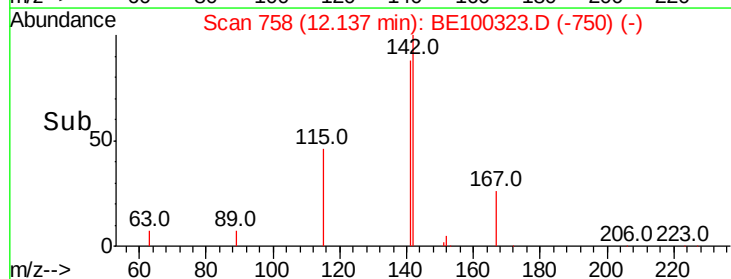
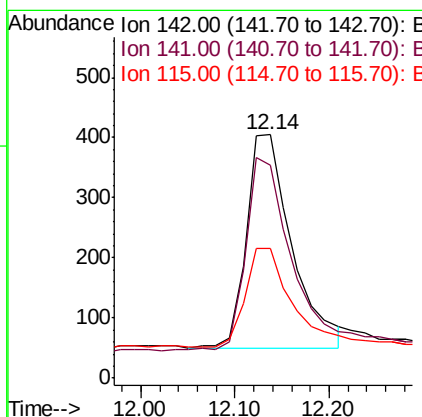
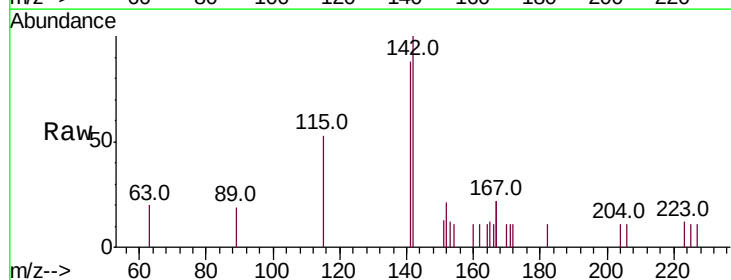
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

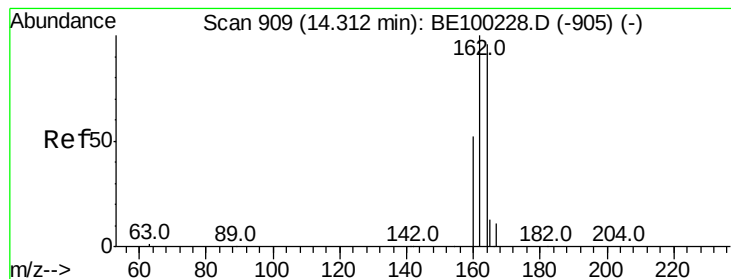
Tot Ion:152 Resp: 1265
Ion Ratio Lower Upper
152 100
151 21.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:142 Resp: 1199
Ion Ratio Lower Upper
142 100
141 87.7 72.4 108.6
115 53.3 40.4 60.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

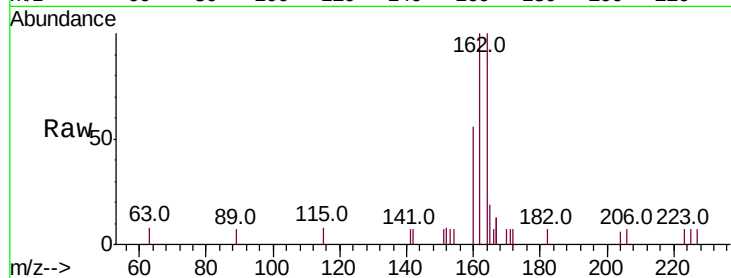
Tot Ion:164 Resp: 1331

Ion Ratio Lower Upper

164 100

162 99.6 83.4 125.0

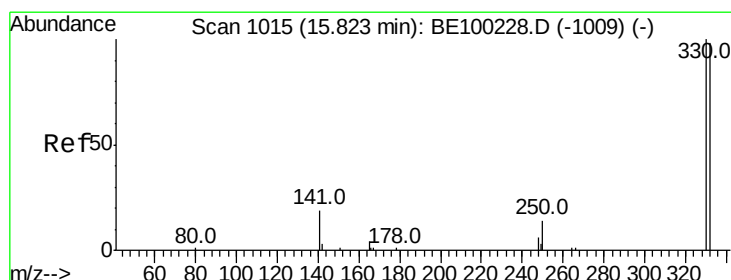
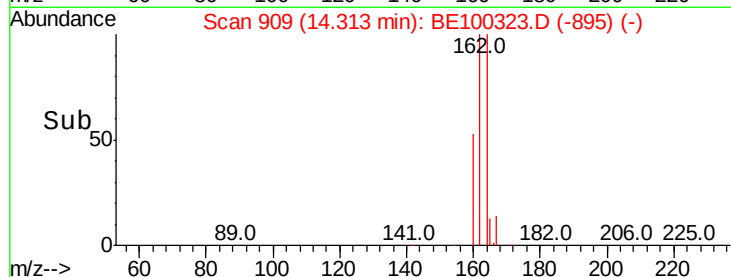
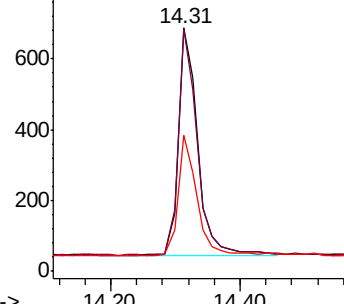
160 55.7 45.0 67.6



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

2,4,6-Tribromophenol

Concen: 0.092 ng

RT: 15.90 min Scan# 1021

Delta R.T. 0.08 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

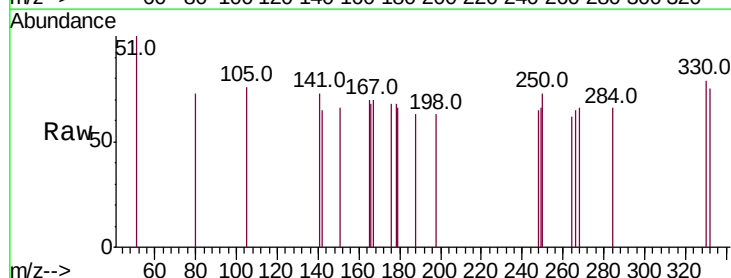
Tgt Ion:330 Resp: 86

Ion Ratio Lower Upper

330 100

332 88.4 77.0 115.4

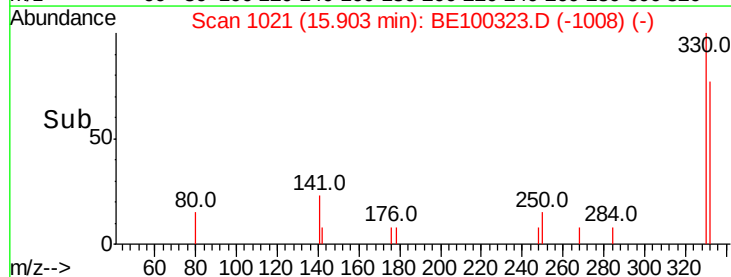
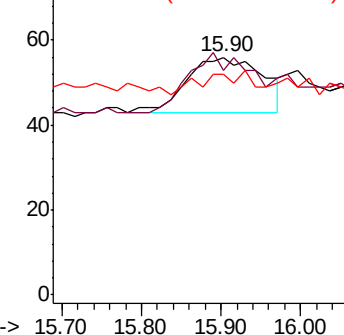
141 0.0 22.0 33.0#

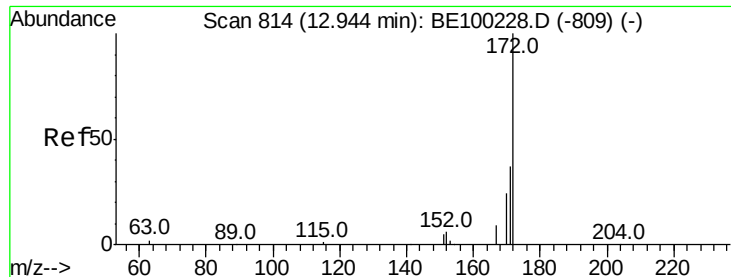


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

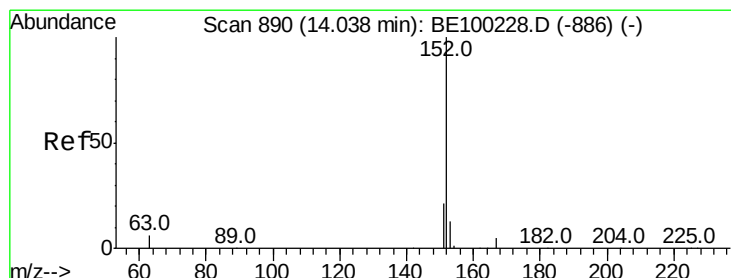
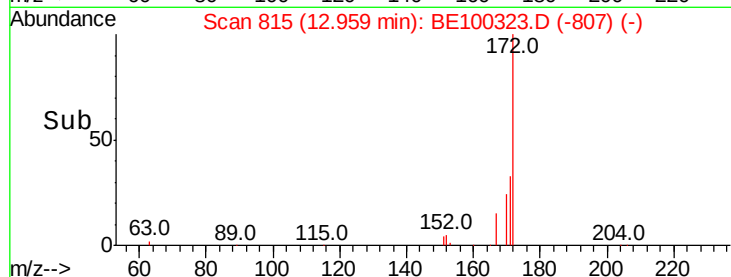
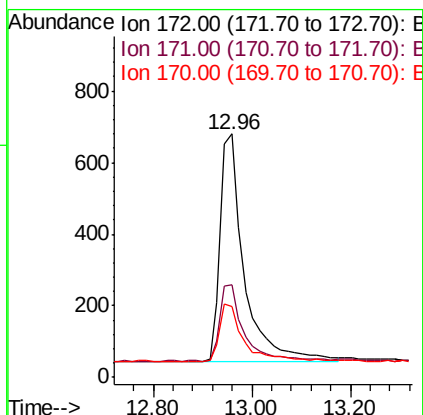
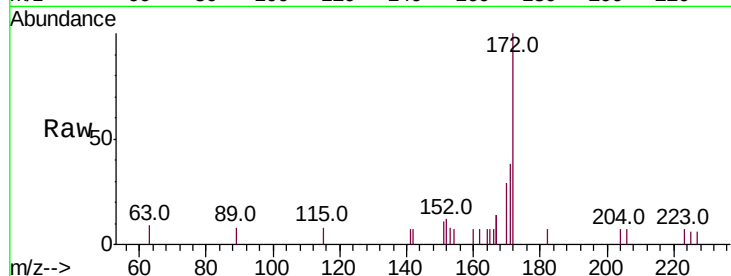




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

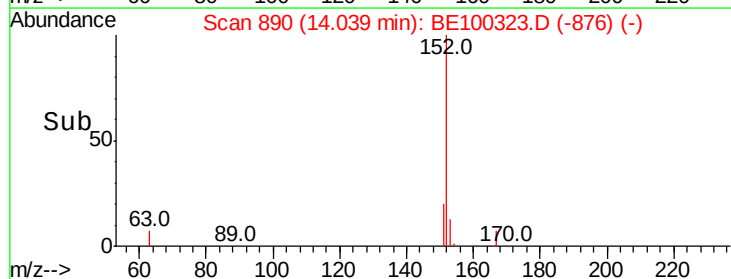
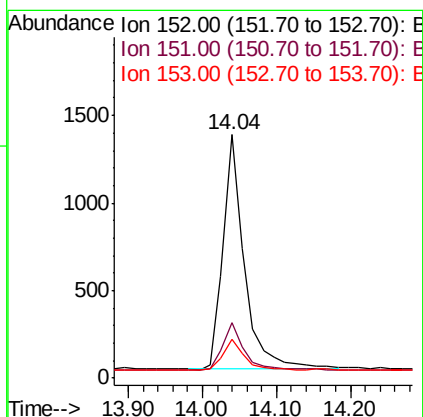
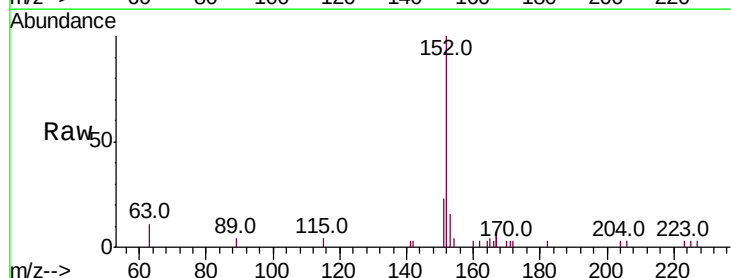
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

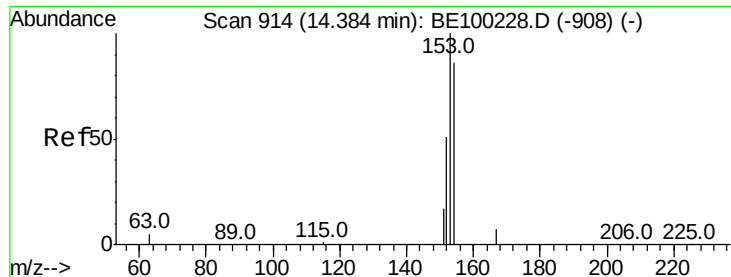
Tot Ion:172 Resp: 2146
Ion Ratio Lower Upper
172 100
171 38.2 31.9 47.9
170 29.0 22.2 33.2



#16
Acenaphthylene
Concen: 0.423 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:152 Resp: 2704
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 12.8 10.5 15.7

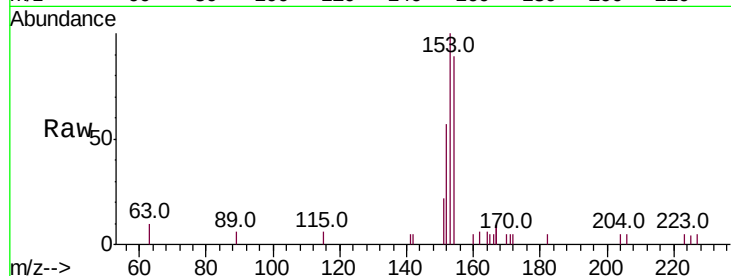




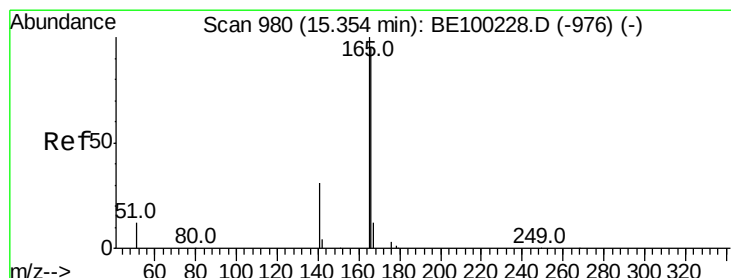
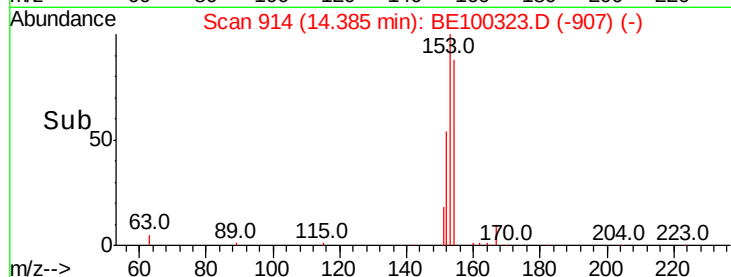
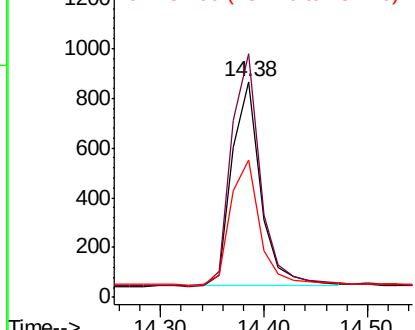
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 1593
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.2
152 62.7 49.4 74.2

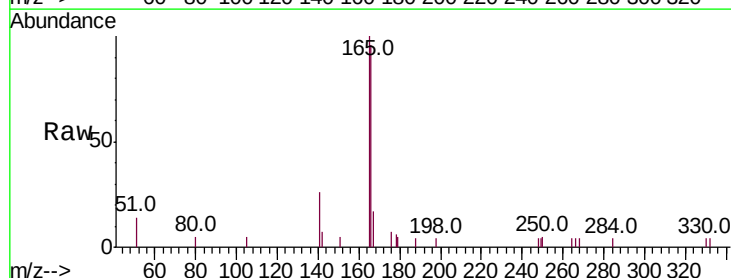


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

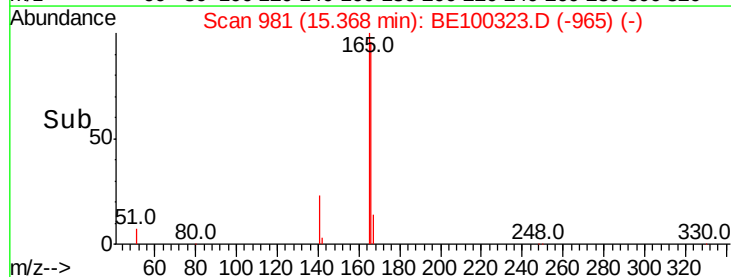
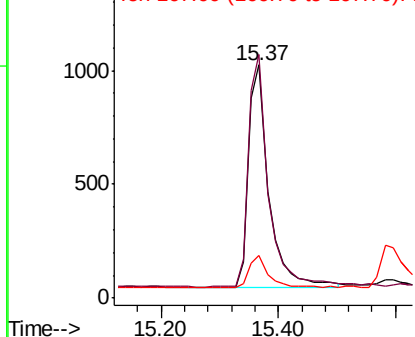


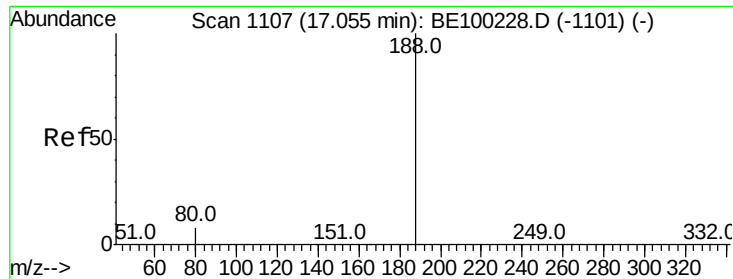
#18
Fluorene
Concen: 0.433 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:166 Resp: 2316
Ion Ratio Lower Upper
166 100
165 102.2 81.1 121.7
167 13.7 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

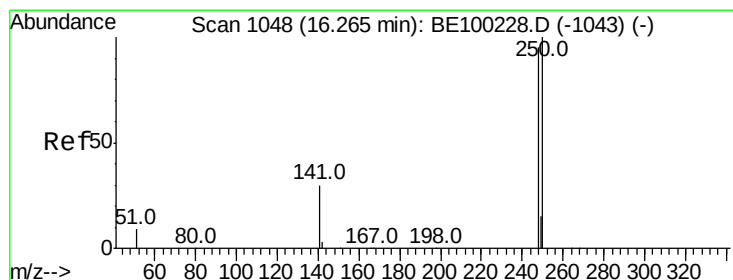
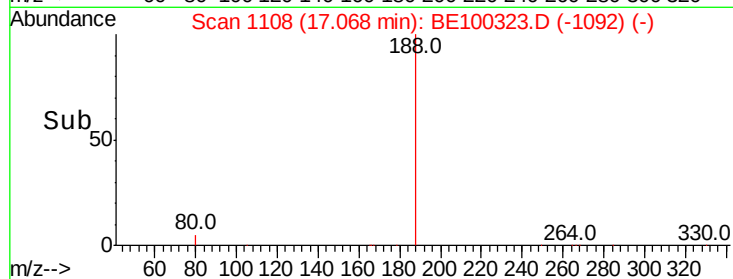
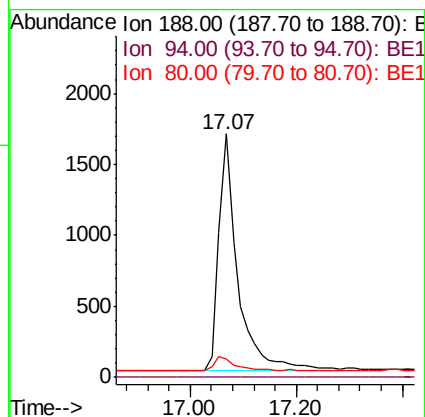
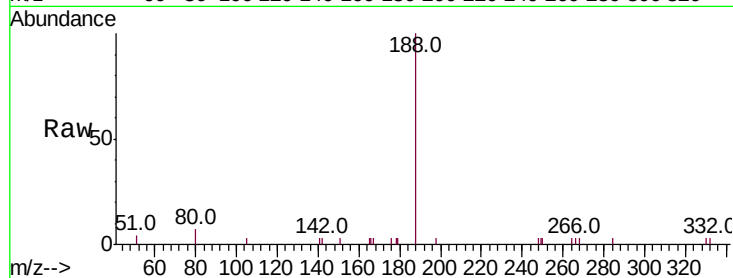




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

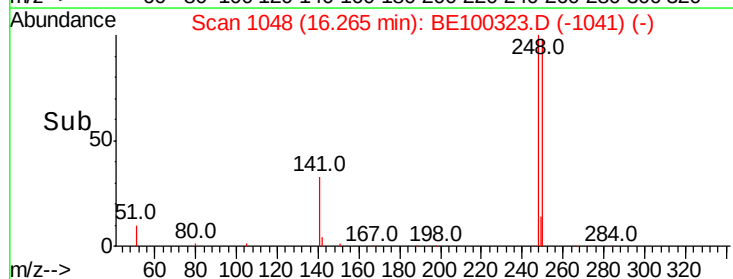
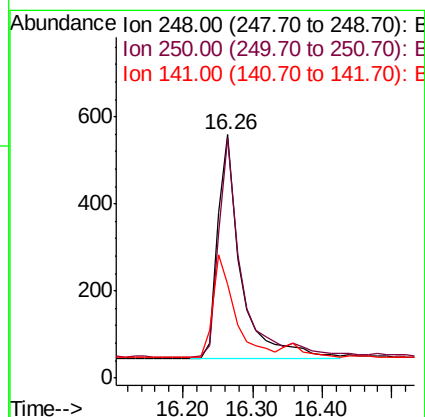
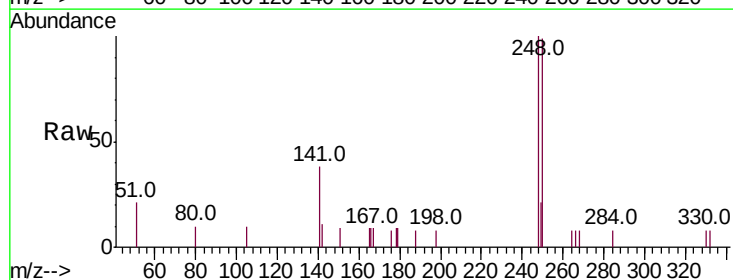
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

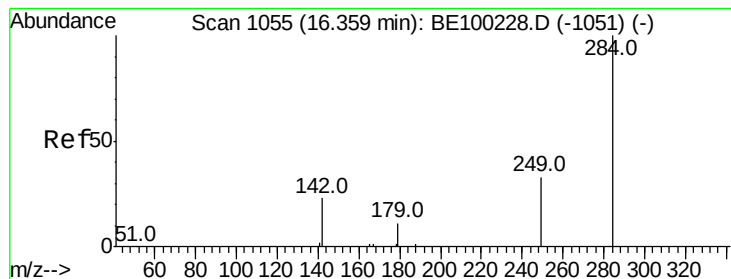
Tot Ion:188 Resp: 4148
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.6 11.4#



#20
4-Bromophenyl-phenylether
Concen: 0.449 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:248 Resp: 1188
Ion Ratio Lower Upper
248 100
250 98.6 84.2 126.4
141 38.3 29.3 43.9





#21

Hexachlorobenzene

Concen: 0.450 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

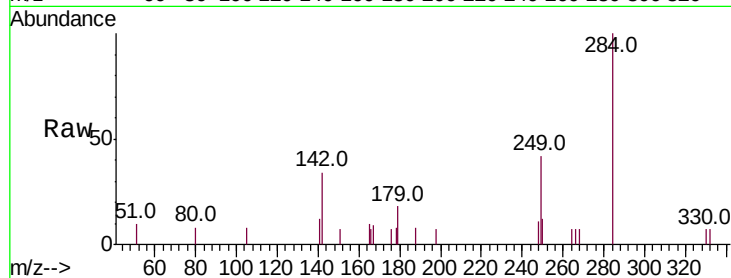
Tot Ion:284 Resp: 1236

Ion Ratio Lower Upper

284 100

142 23.4 18.8 28.2

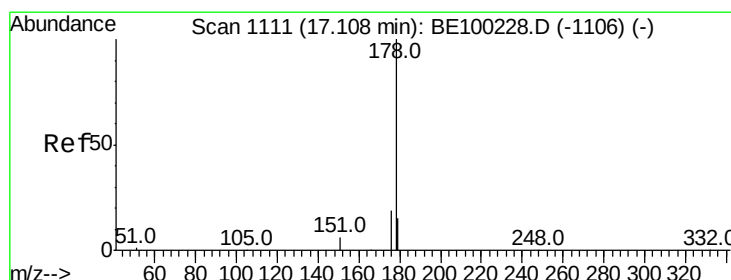
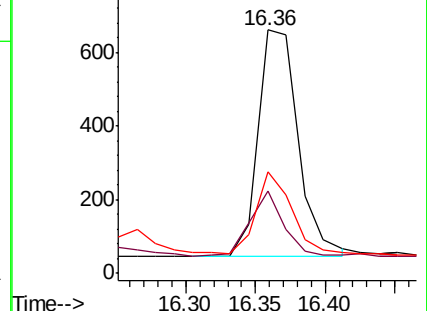
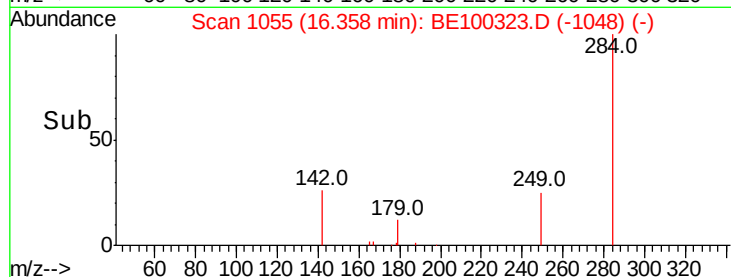
249 30.6 23.7 35.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23

Phenanthrene

Concen: 0.411 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

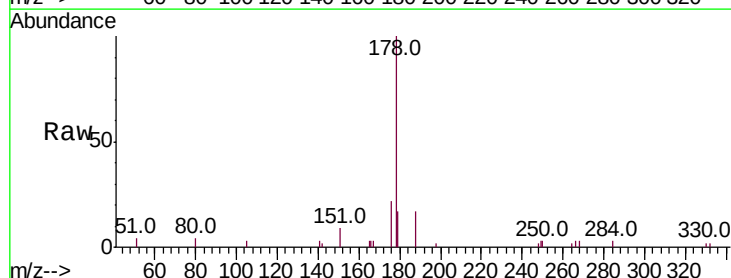
Tgt Ion:178 Resp: 4137

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

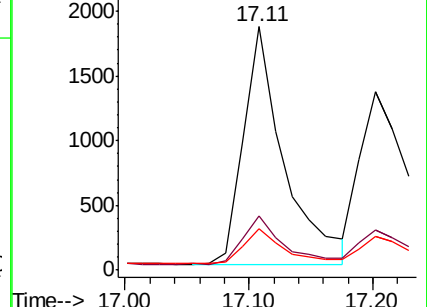
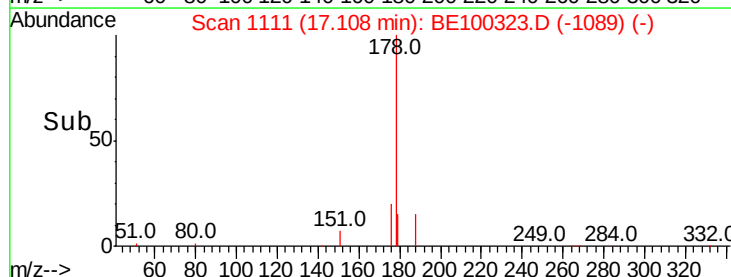
179 14.1 12.2 18.2

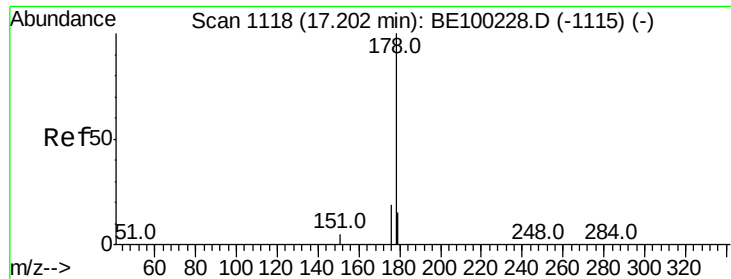


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

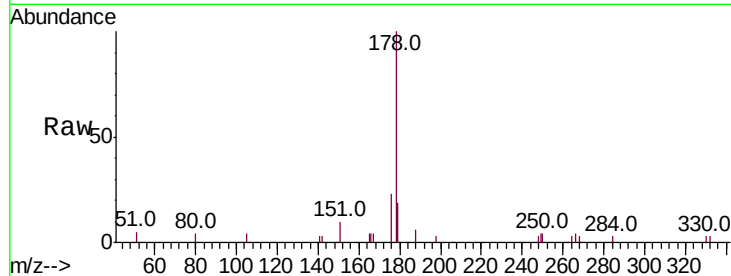




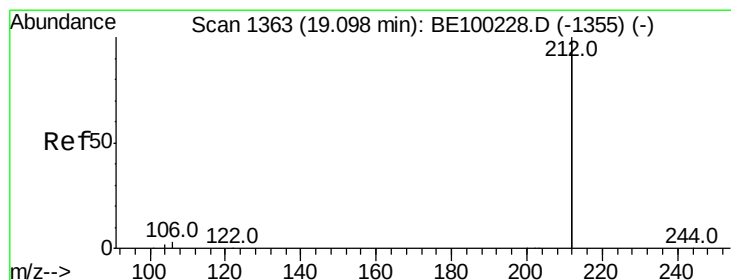
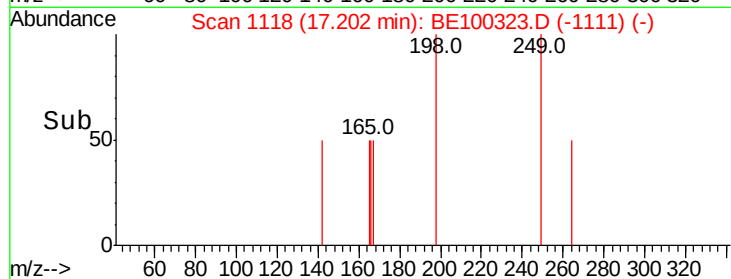
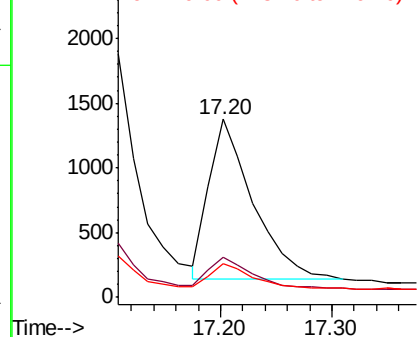
#24
 Anthracene
 Concen: 0.374 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BE100323.D
 Acq: 3 Jul 2019 11:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:178 Resp: 3383
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.0 12.2 18.2

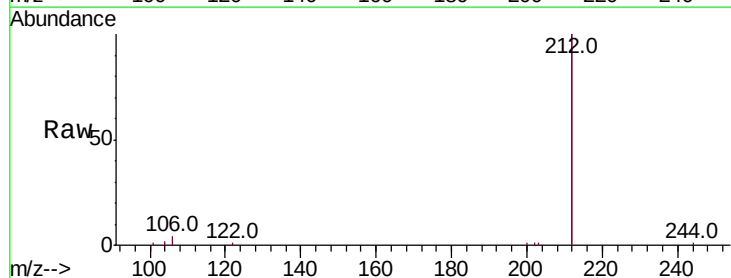


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

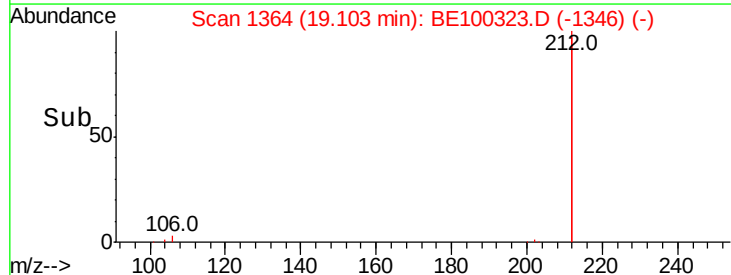
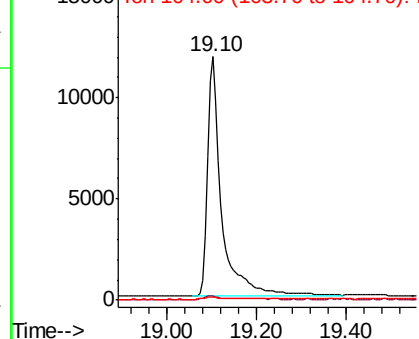


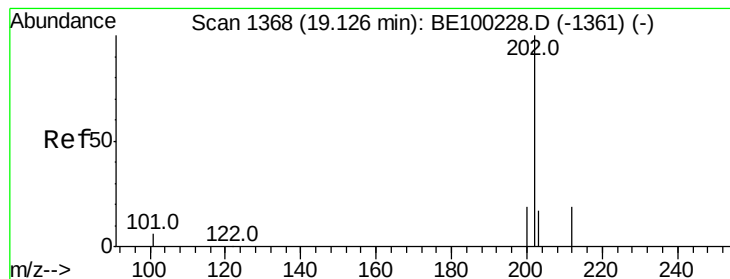
#25
 Fluoranthene-d10
 Concen: 0.440 ng
 RT: 19.10 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BE100323.D
 Acq: 3 Jul 2019 11:46

Tgt Ion:212 Resp: 26469
 Ion Ratio Lower Upper
 212 100
 106 1.4 1.3 1.9
 104 1.0 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: 0.441 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

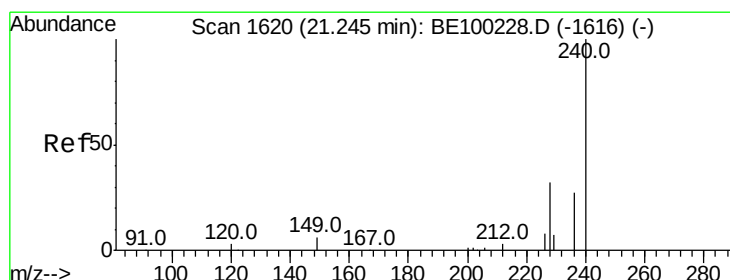
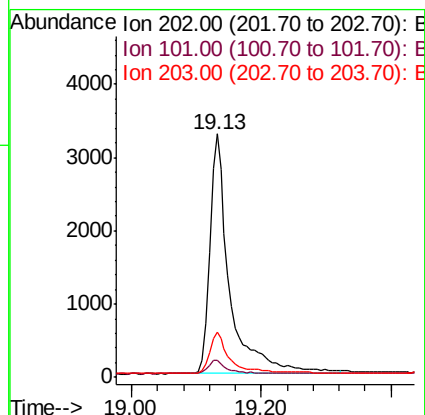
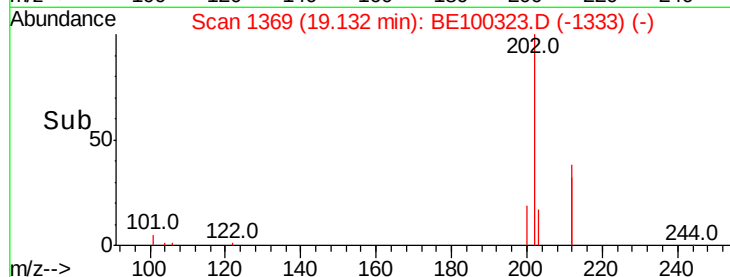
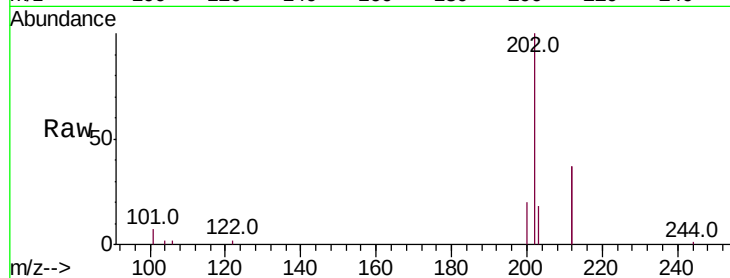
Tot Ion:202 Resp: 7055

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

203 16.3 13.7 20.5



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

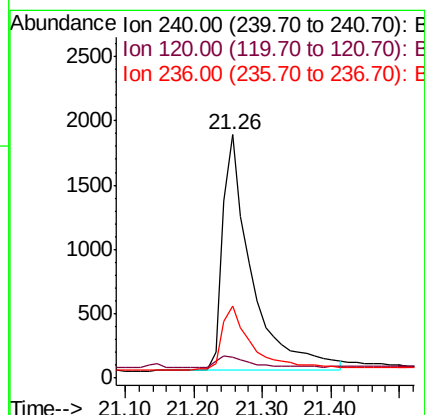
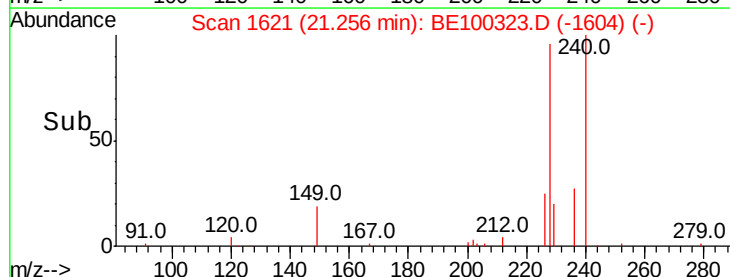
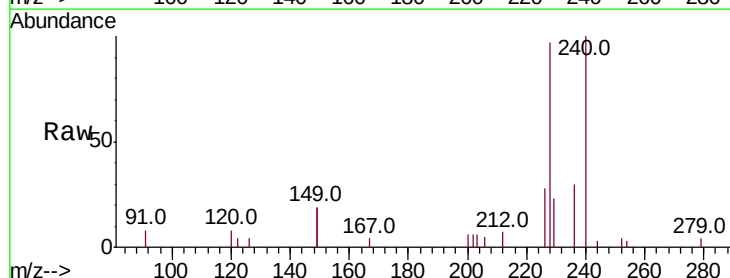
Tgt Ion:240 Resp: 5436

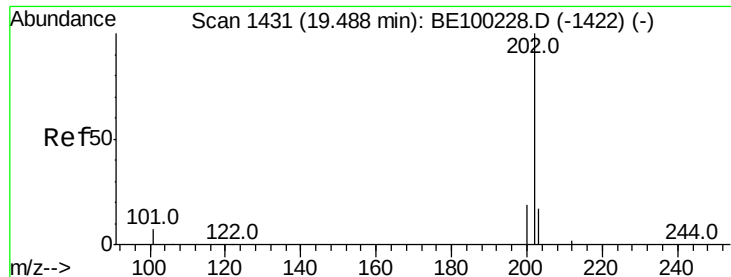
Ion Ratio Lower Upper

240 100

120 8.3 3.3 4.9#

236 29.6 22.6 34.0

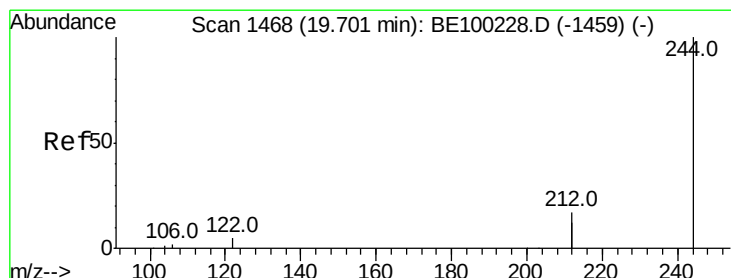
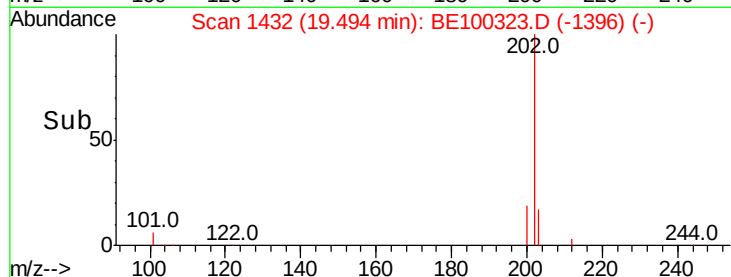
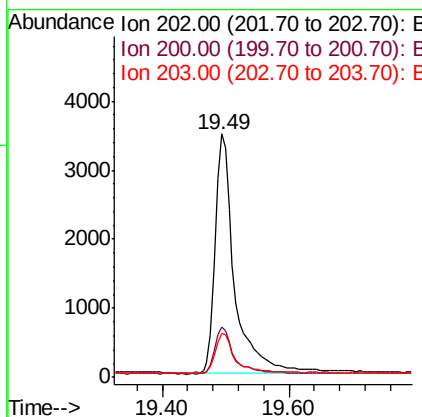
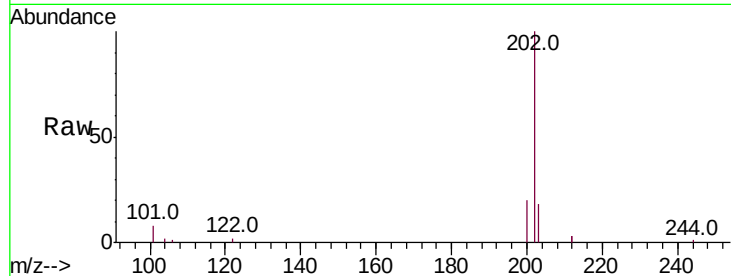




#28
Pvrene
Concen: 0.515 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

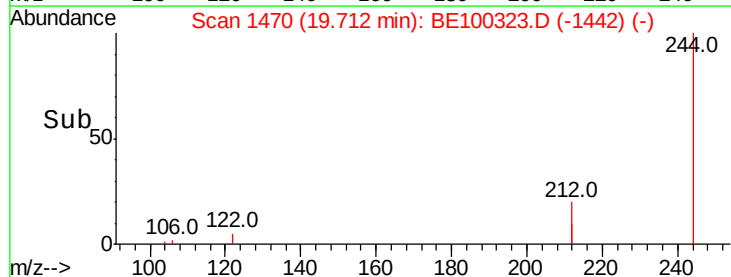
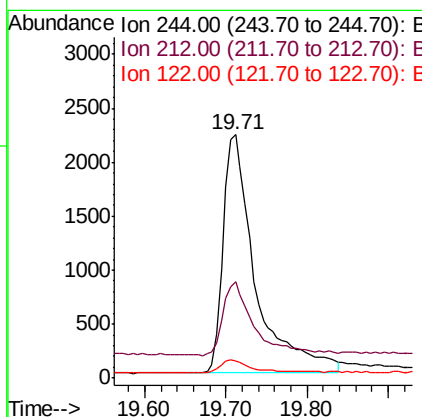
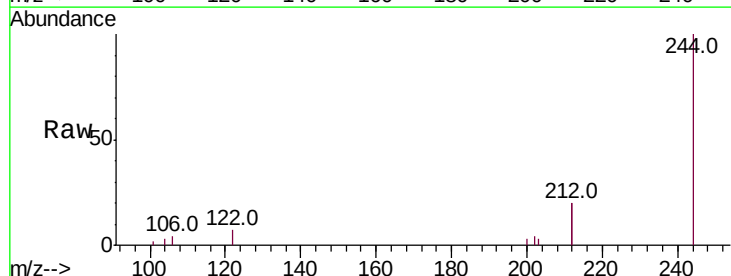
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

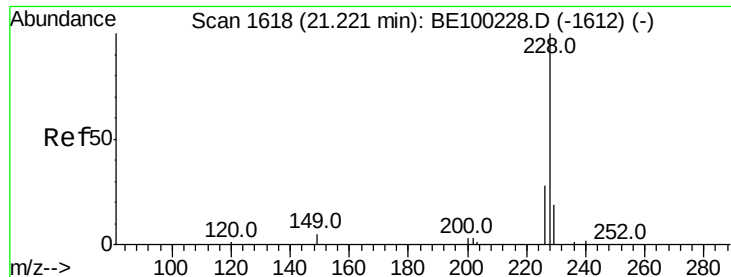
Tot Ion:202 Resp: 7408
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 16.4 14.0 21.0



#29
Terphenyl-d14
Concen: 0.542 ng
RT: 19.71 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:244 Resp: 6105
Ion Ratio Lower Upper
244 100
212 39.5 27.3 40.9
122 7.0 4.7 7.1





#30

Benzo(a)anthracene

Concen: 0.378 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

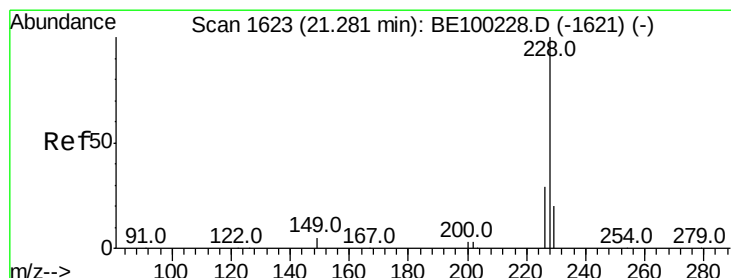
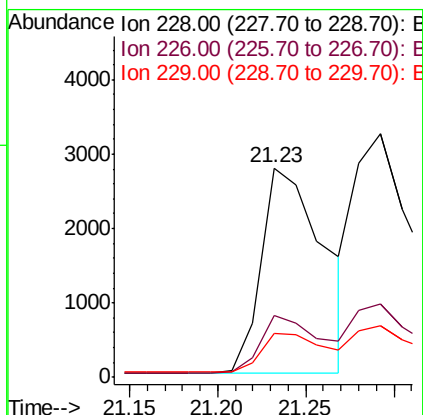
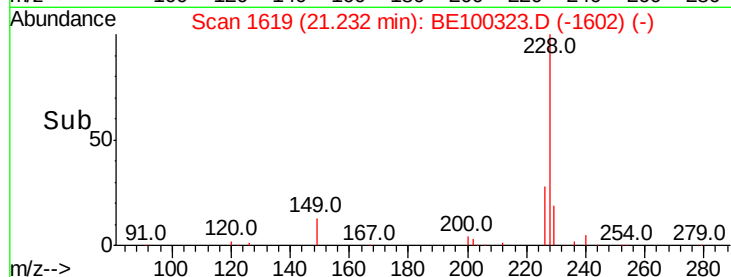
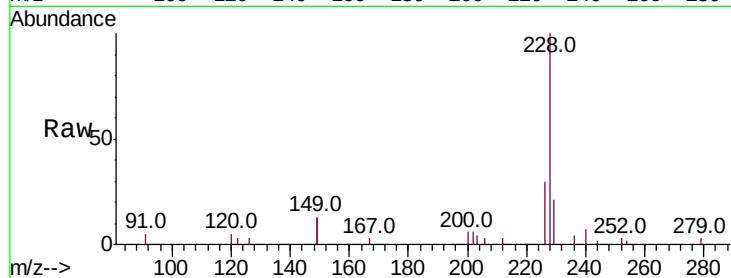
Tot Ion:228 Resp: 6758

Ion Ratio Lower Upper

228 100

226 29.7 23.2 34.8

229 21.3 15.7 23.5



#31

Chrysene

Concen: 0.396 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

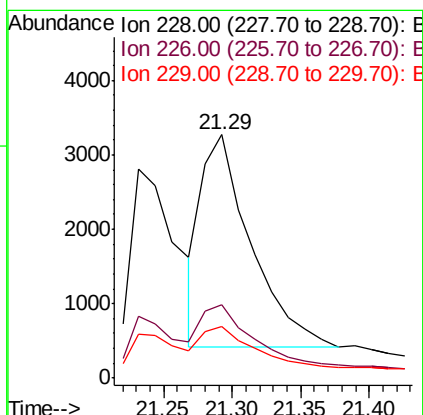
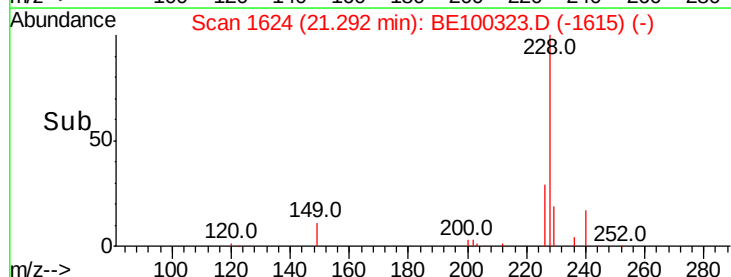
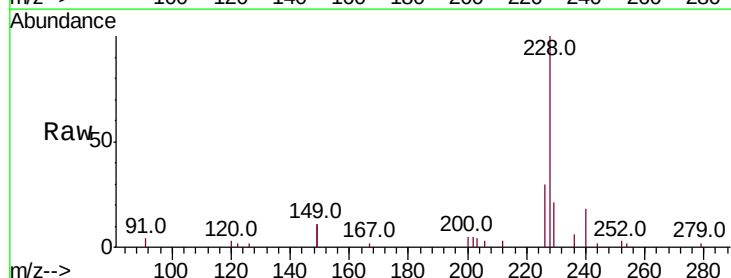
Tgt Ion:228 Resp: 7115

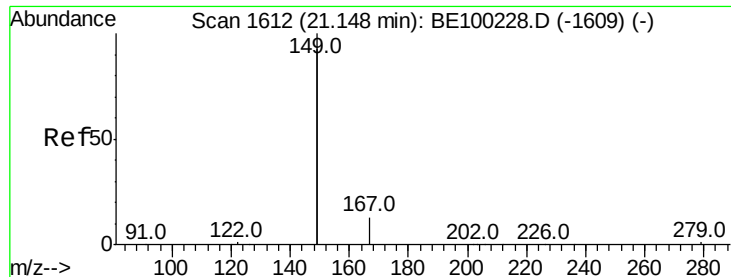
Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 21.0 16.5 24.7





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.459 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

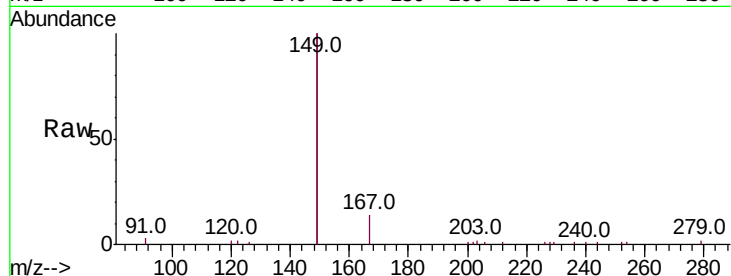
Tot Ion:149 Resp: 13039

Ion Ratio Lower Upper

149 100

167 7.7 5.8 8.8

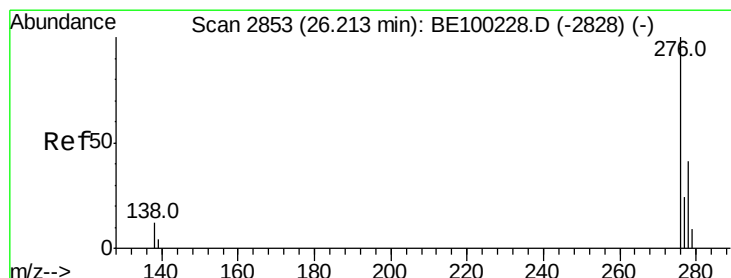
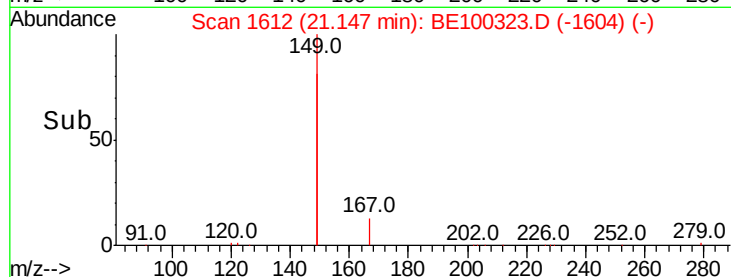
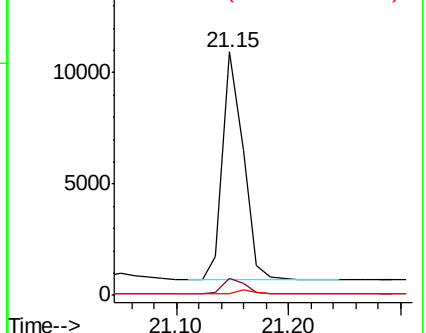
279 1.4 1.1 1.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng

RT: 26.23 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

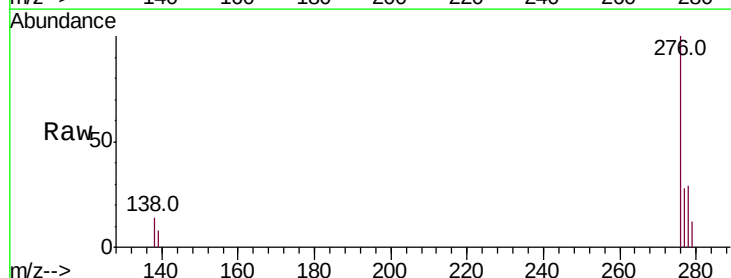
Tgt Ion:276 Resp: 8618

Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.0#

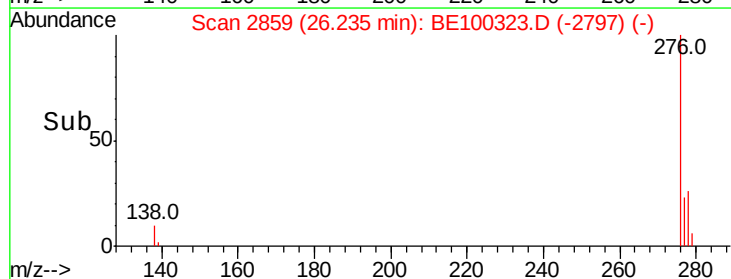
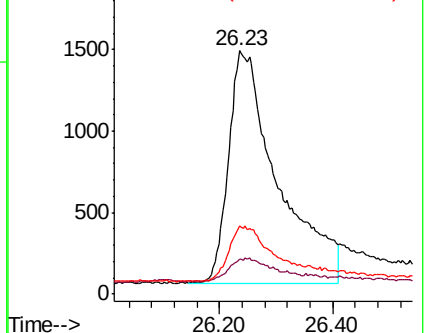
277 21.0 19.2 28.8

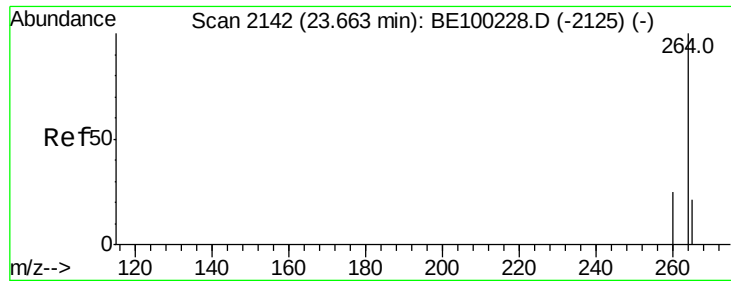


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

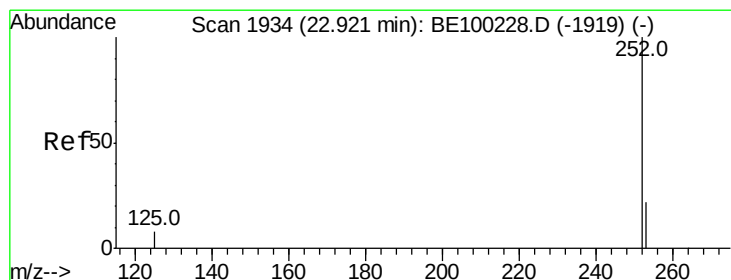
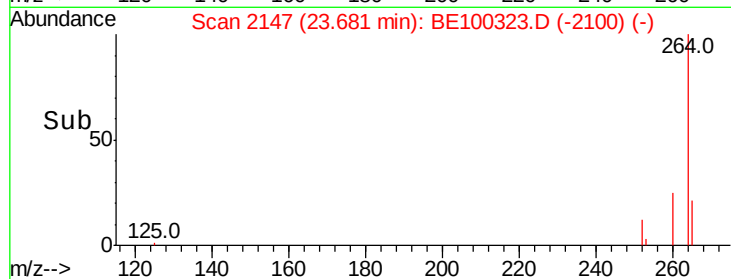
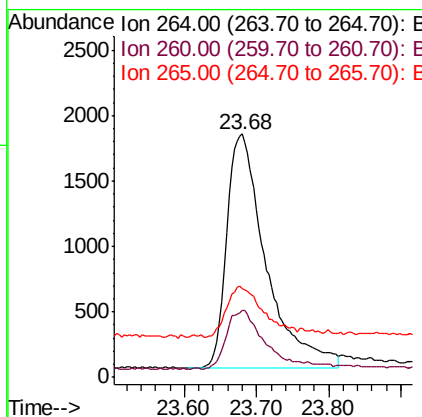
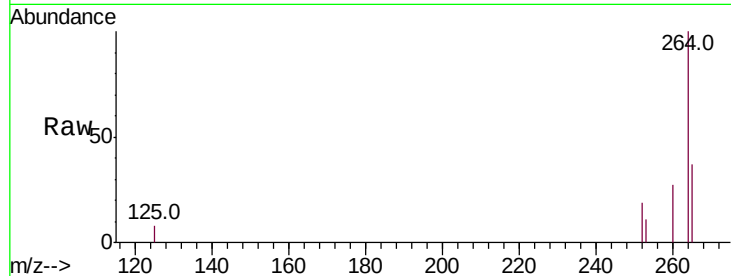




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2147
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

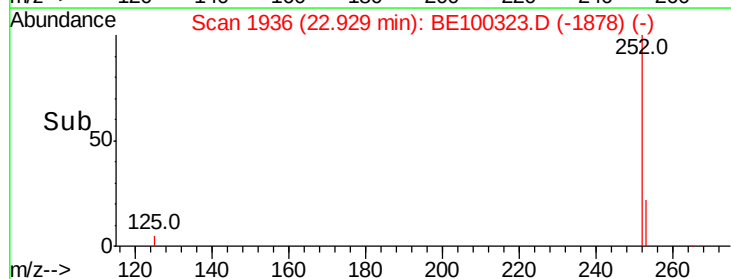
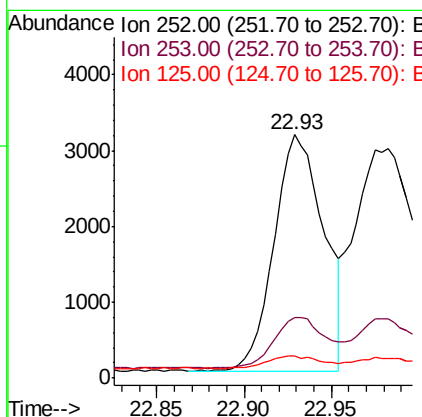
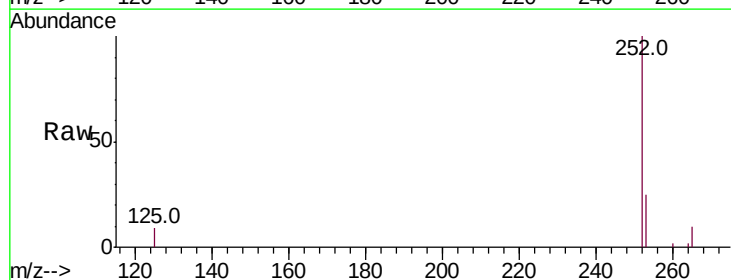
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

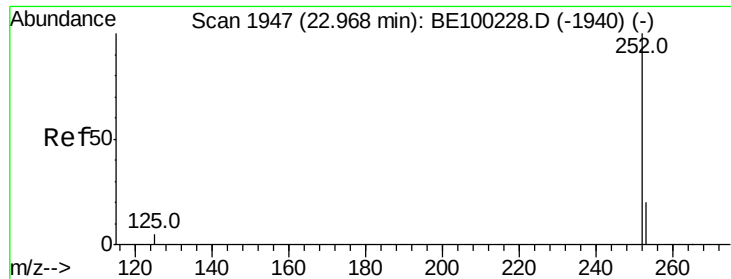
Tot Ion:264 Resp: 6681
Ion Ratio Lower Upper
264 100
260 27.3 20.8 31.2
265 36.6 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 0.339 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:252 Resp: 6140
Ion Ratio Lower Upper
252 100
253 24.9 19.2 28.8
125 8.9 7.4 11.0

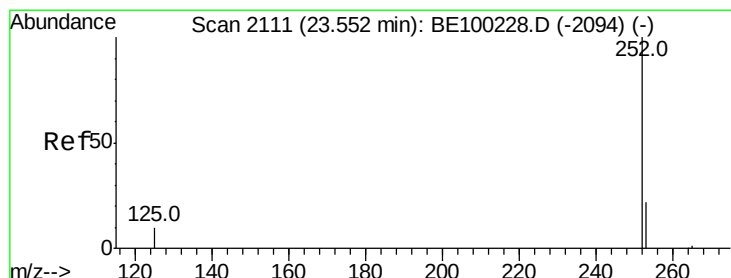
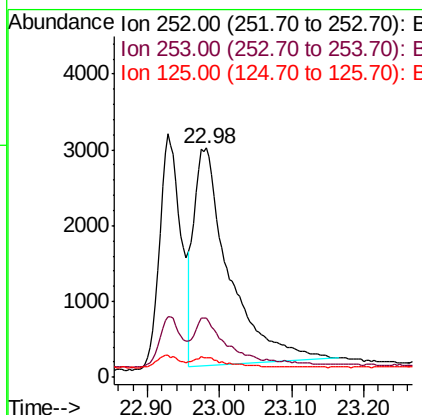
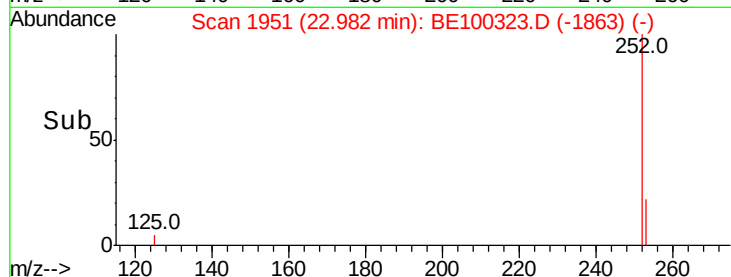
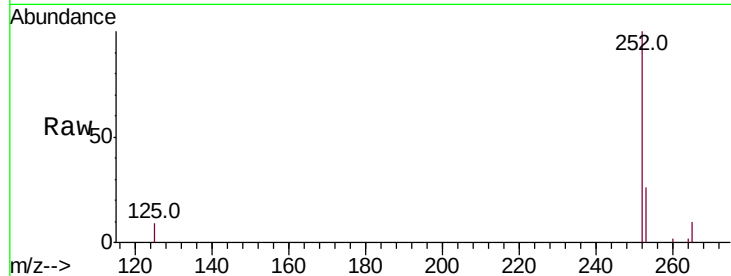




#36
Benzo(k)fluoranthene
Concen: 0.484 ng
RT: 22.98 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

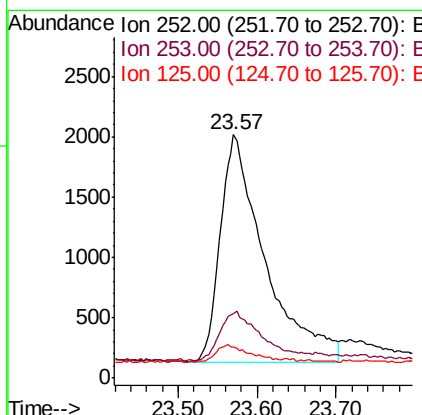
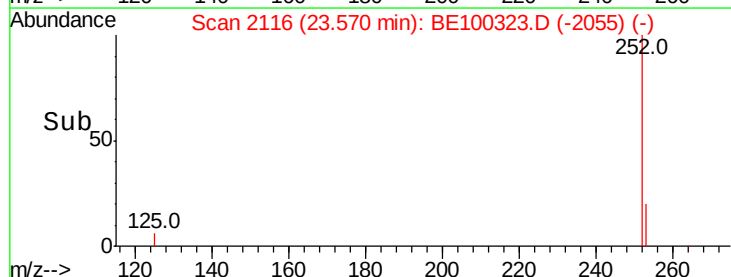
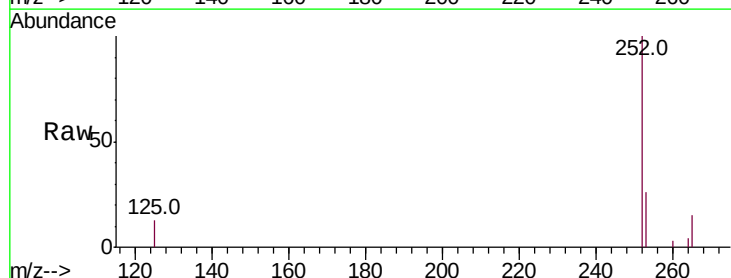
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

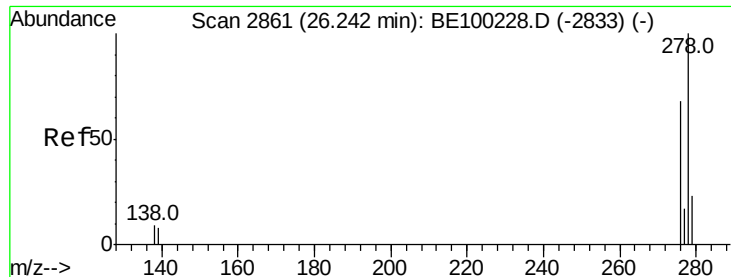
Tot Ion:252 Resp: 9787
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 8.8 5.0 7.4#



#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.57 min Scan# 2116
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:252 Resp: 7373
Ion Ratio Lower Upper
252 100
253 26.3 19.6 29.4
125 12.7 9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.344 ng

RT: 26.27 min Scan# 2868

Delta R.T. 0.02 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

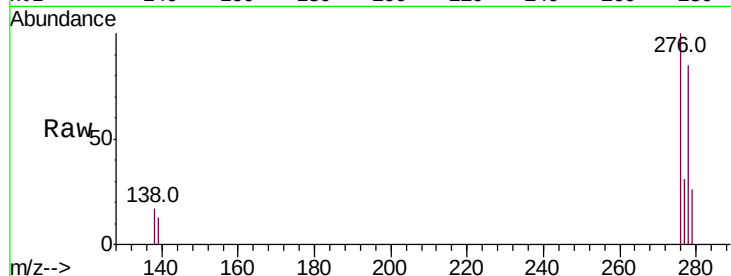
Tot Ion:278 Resp: 6529

Ion Ratio Lower Upper

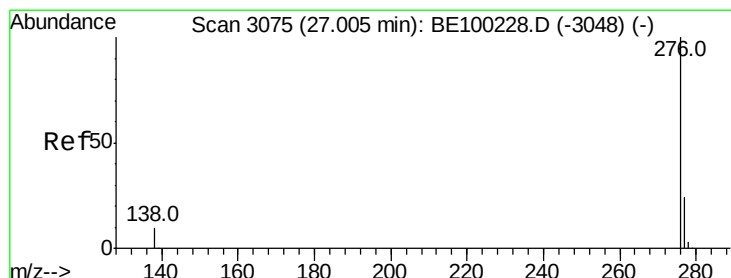
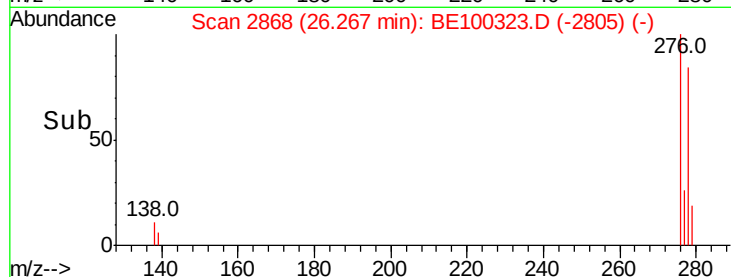
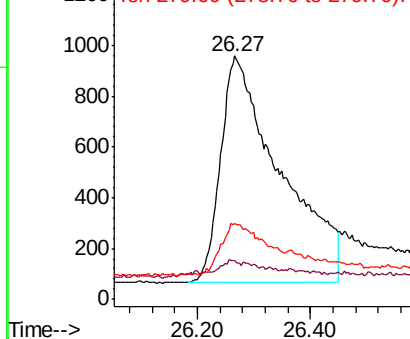
278 100

139 15.8 8.2 12.2#

279 31.2 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: 0.415 ng

RT: 27.03 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

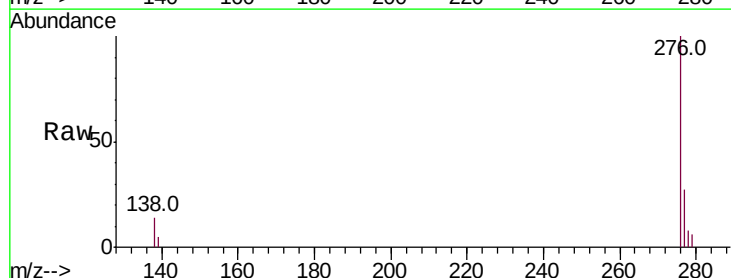
Tgt Ion:276 Resp: 8083

Ion Ratio Lower Upper

276 100

277 26.9 20.2 30.2

138 13.5 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

