

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 :

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

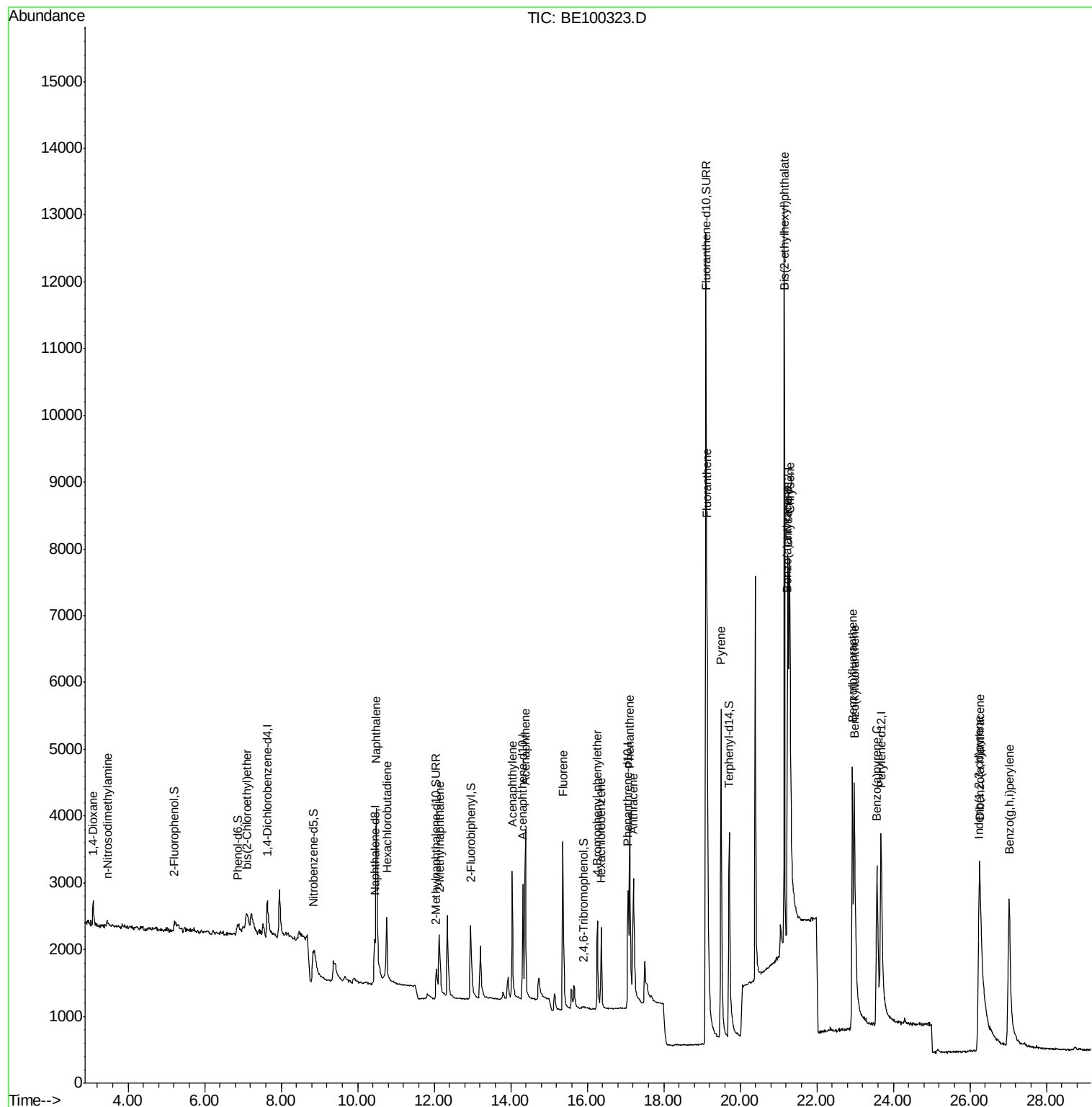
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	310	0.468	ng	92
3) n-Nitrosodimethylamine	3.46	42	144	0.466	ng	# 51
6) bis(2-Chloroethyl)ether	7.10	93	442	0.376	ng	# 63
9) Naphthalene	10.48	128	7277	0.428	ng	98
10) Hexachlorobutadiene	10.76	225	839	0.512	ng	99
12) 2-Methylnaphthalene	12.14	142	1199	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

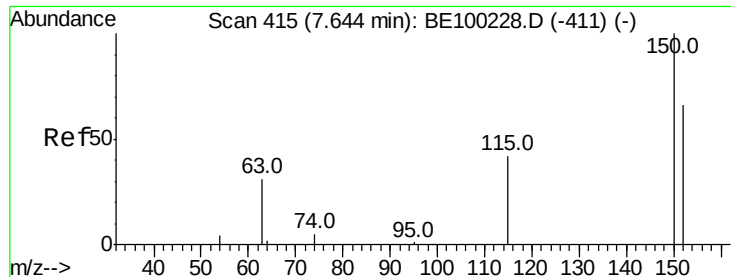
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
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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 :

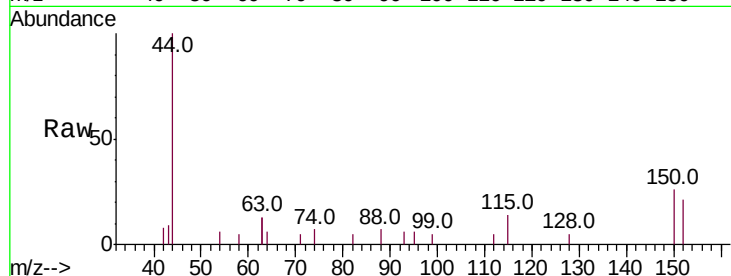
Tot Ion:152 Resp: 427

Ion Ratio Lower Upper

152 100

150 127.9 114.5 171.7

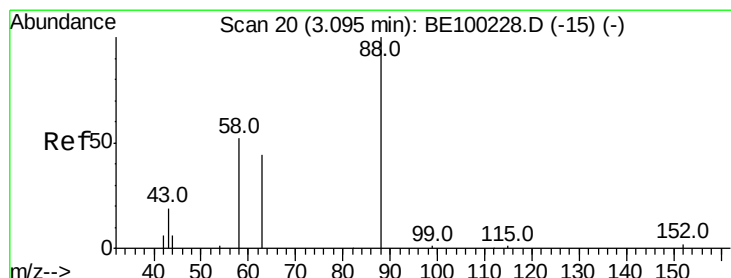
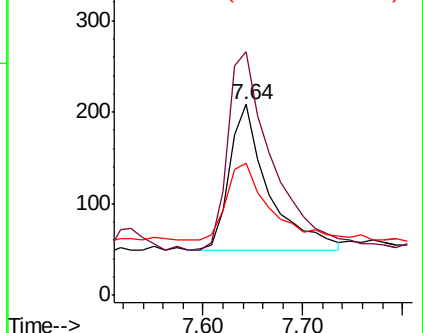
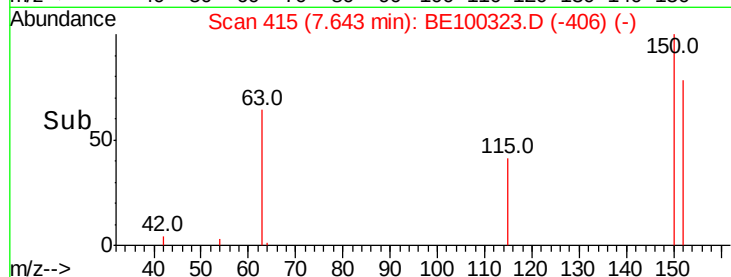
115 69.2 57.1 85.7



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

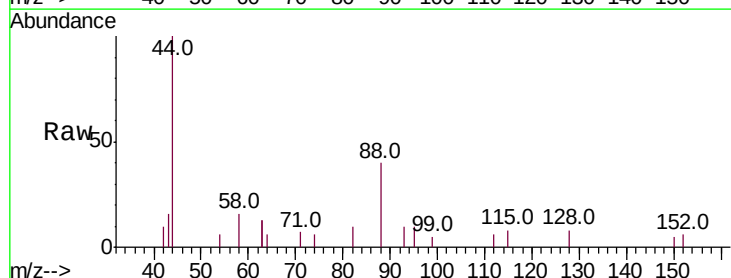
Tgt Ion: 88 Resp: 310

Ion Ratio Lower Upper

88 100

58 60.3 43.6 65.4

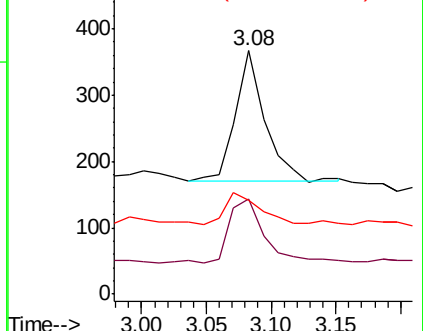
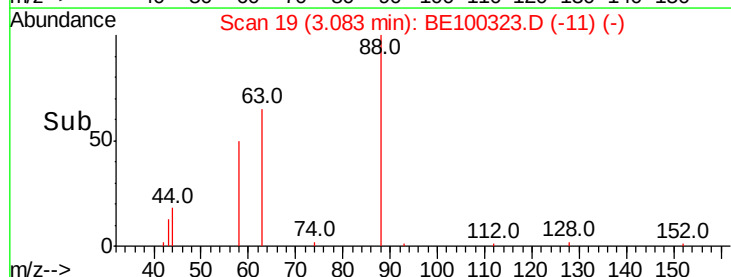
43 30.3 21.4 32.0

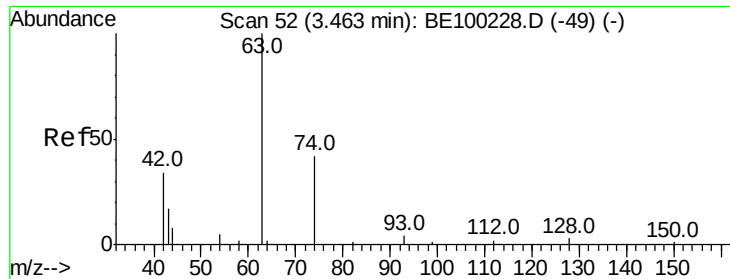


Abundance Ion 88.00 (87.70 to 88.70): BE1

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 :

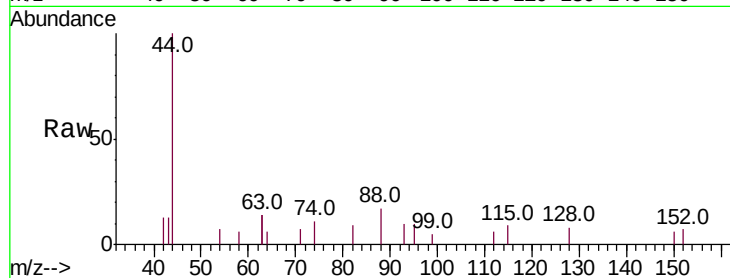
Tot Ion: 42 Resp: 144

Ion Ratio Lower Upper

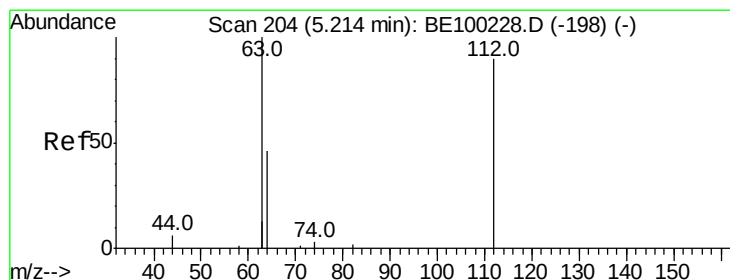
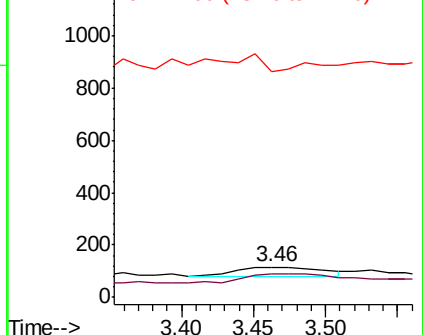
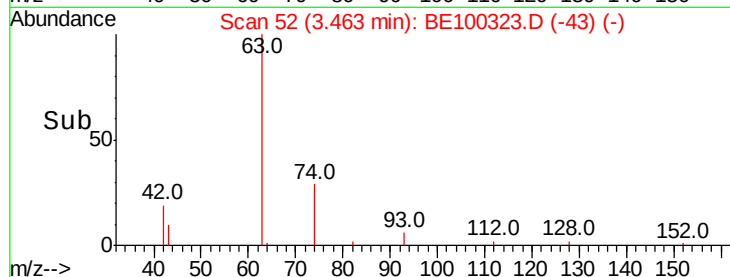
42 100

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

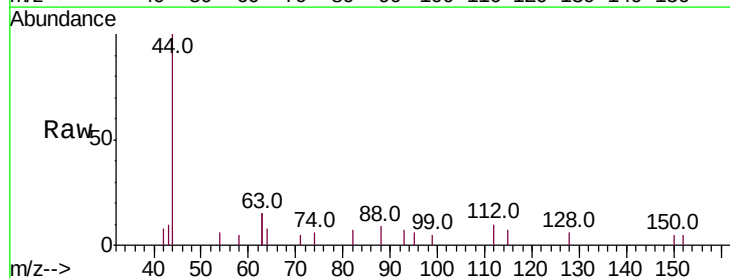
Tgt Ion: 112 Resp: 97

Ion Ratio Lower Upper

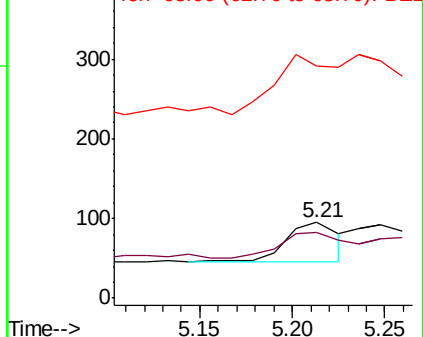
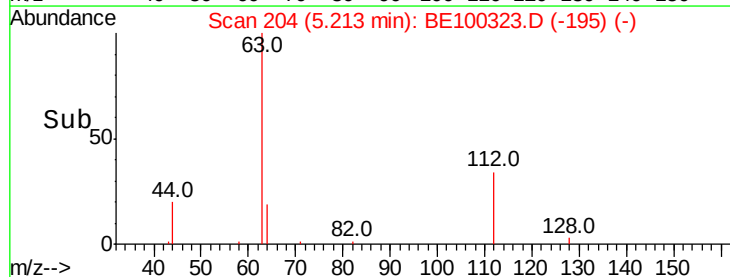
112 100

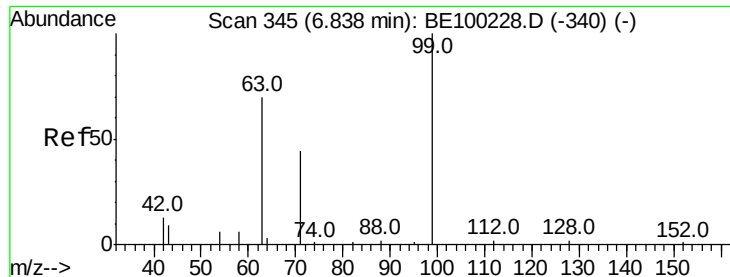
64 81.4 39.4 59.0#

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 :

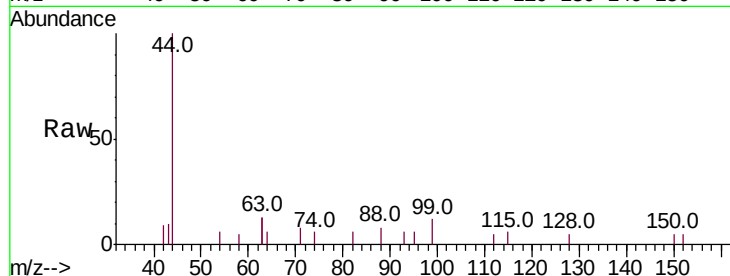
Tot Ion: 99 Resp: 510

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

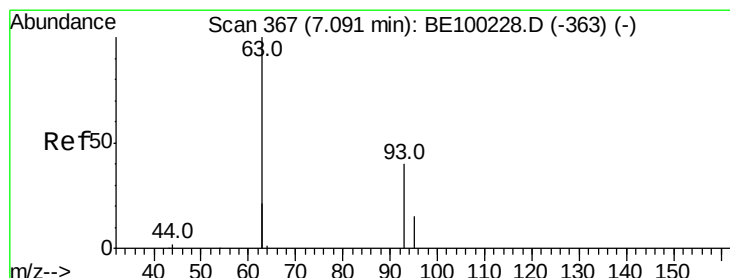
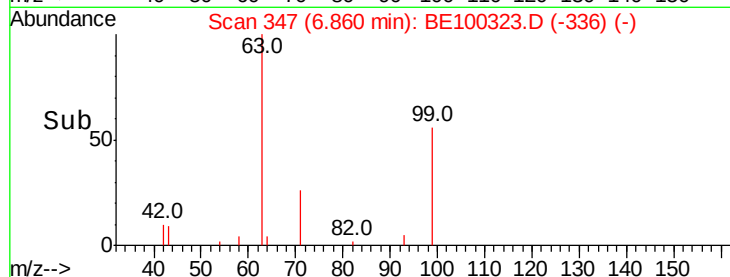
50

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

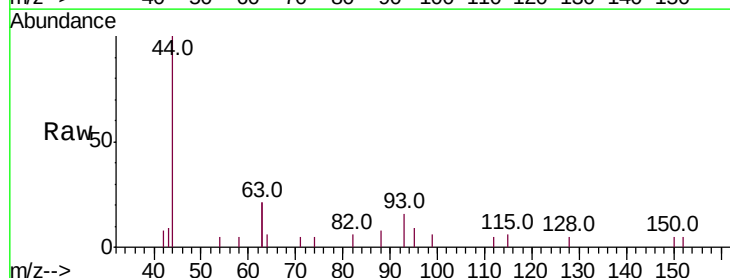
Tgt Ion: 93 Resp: 442

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

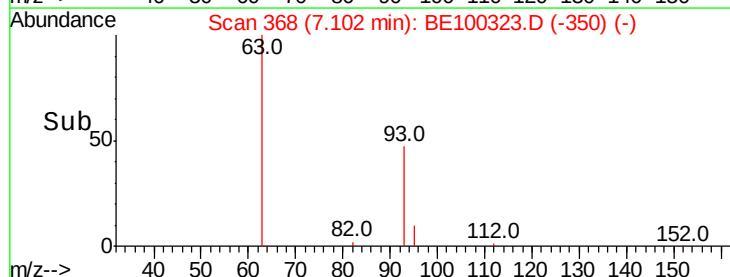
0

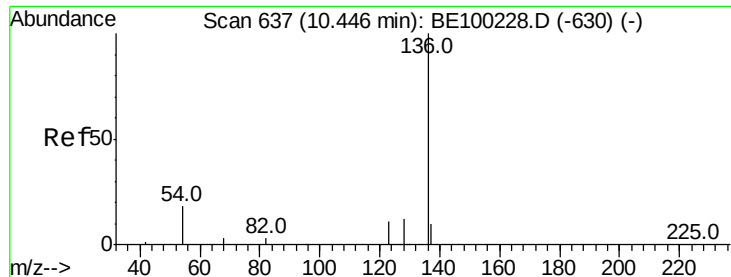
7.00

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

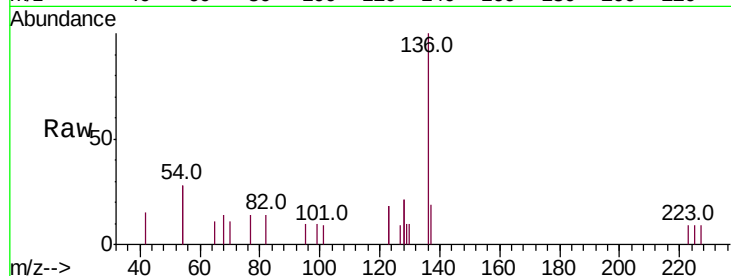
Acq: 3 Jul 2019 11:46

Instrument :

BNA_E

ClientSampleId :

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#

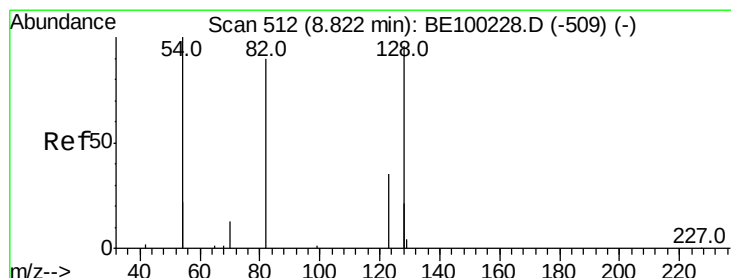
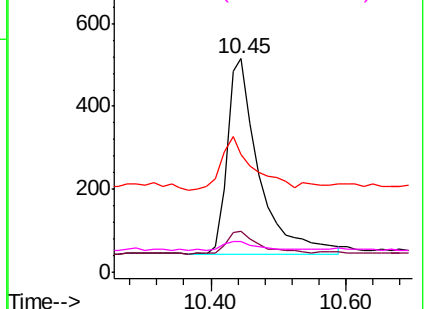
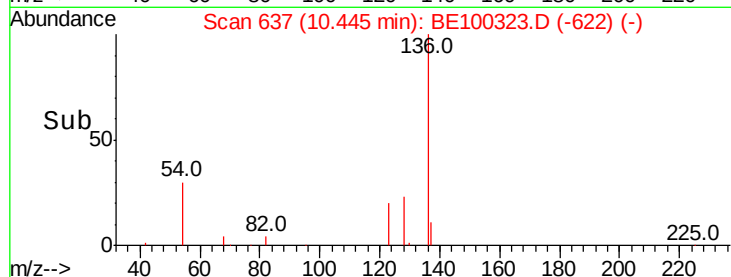


Abundance Ion 136.00 (135.70 to 136.70): E

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

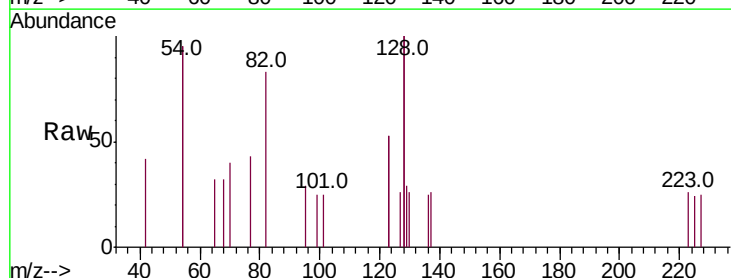
RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

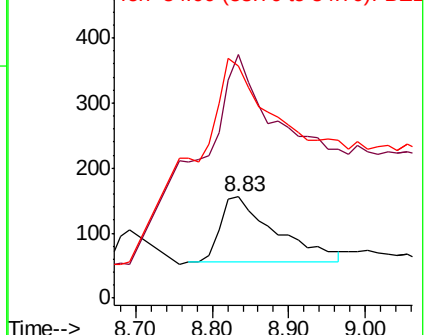
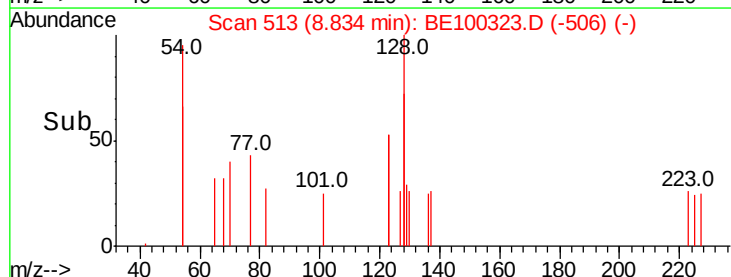
Tgt Ion: 82	Resp:	513
Ion Ratio	Lower	Upper
82	100	
128	239.7	140.9 211.3#
54	228.2	146.2 219.2#

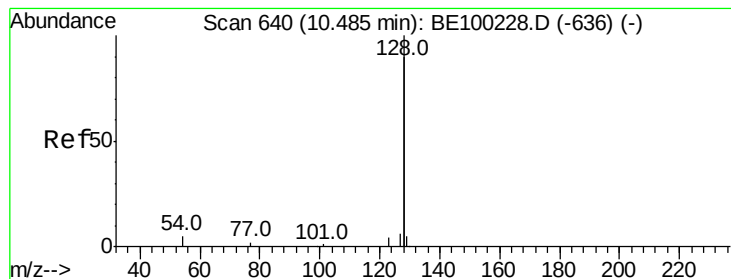


Abundance Ion 82.00 (81.70 to 82.70): BE1

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 :

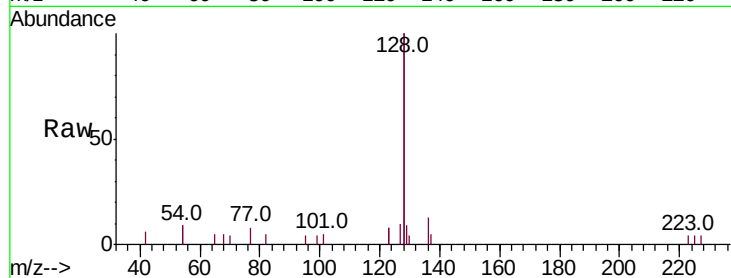
Tot Ion:128 Resp: 7277

Ion Ratio Lower Upper

128 100

129 4.4 3.0 4.6

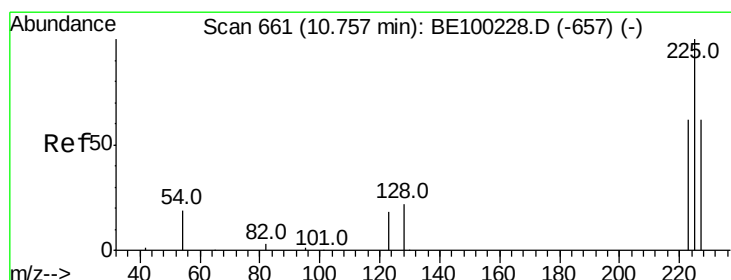
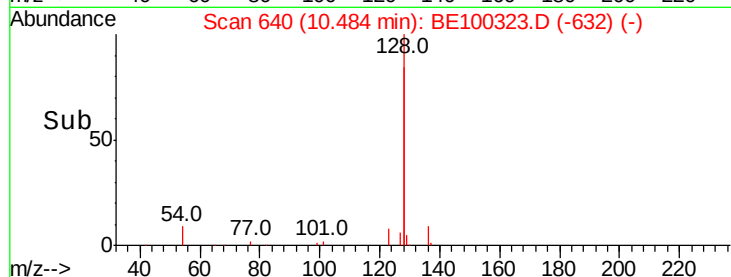
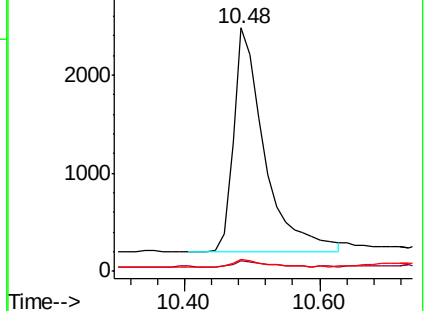
127 5.0 3.5 5.3



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

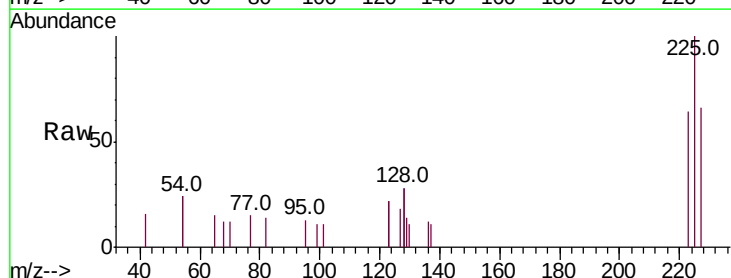
Tgt Ion:225 Resp: 839

Ion Ratio Lower Upper

225 100

223 62.6 49.1 73.7

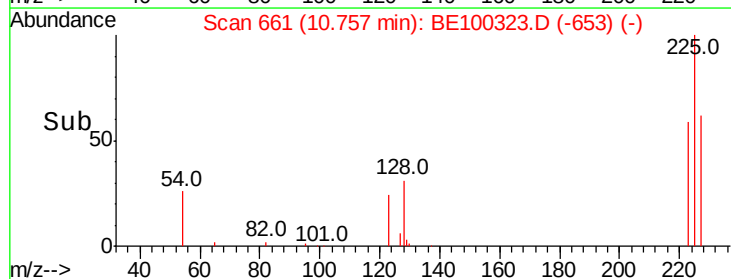
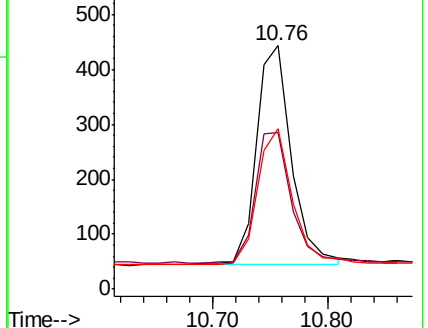
227 62.2 49.3 73.9

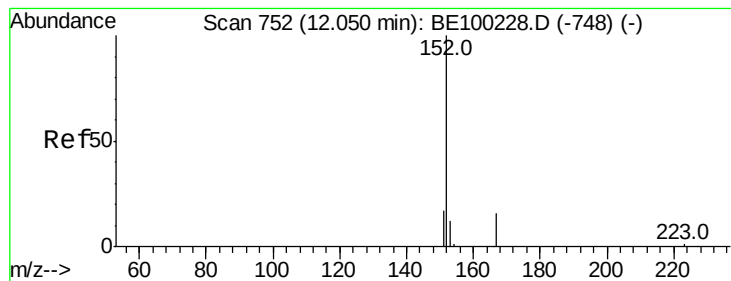


Abundance Ion 225.00 (224.70 to 225.70): E

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

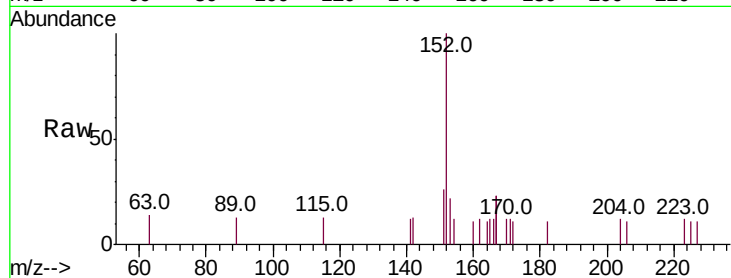
ClientSampleId :

Tot Ion:152 Resp: 1265

Ion Ratio Lower Upper

152 100

151 21.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.05

400

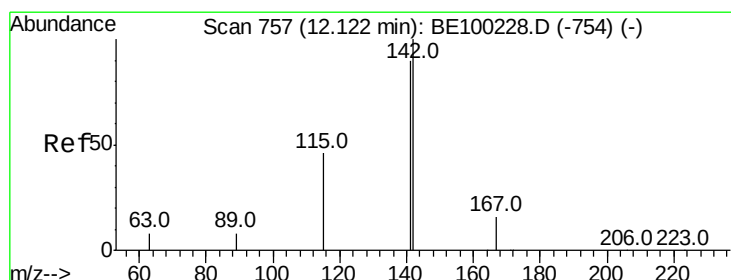
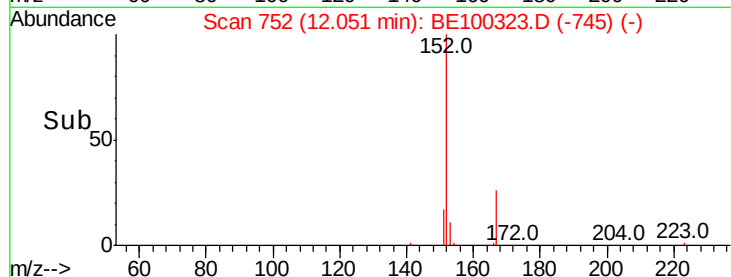
300

200

100

0

Time-->



#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

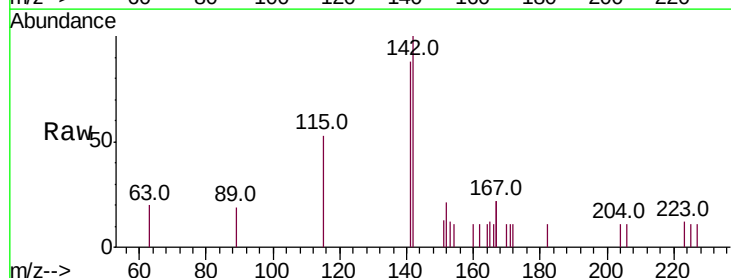
Tgt Ion:142 Resp: 1199

Ion Ratio Lower Upper

142 100

141 87.7 72.4 108.6

115 53.3 40.4 60.6



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

500

400

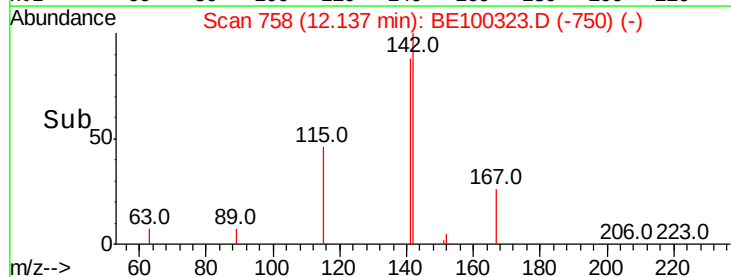
300

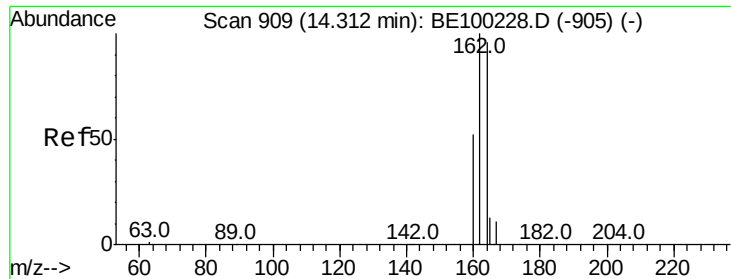
200

100

0

Time-->

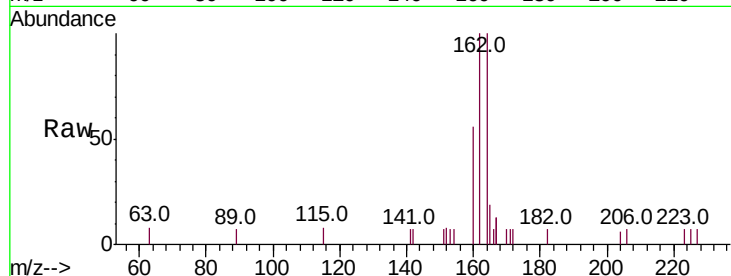




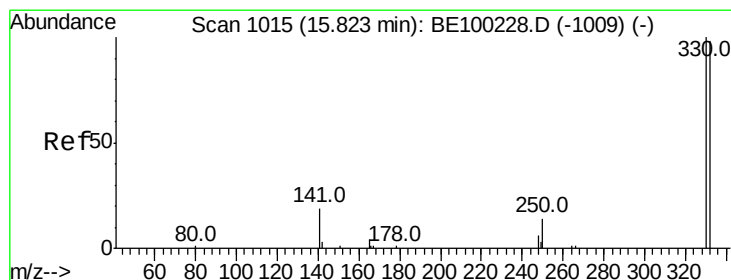
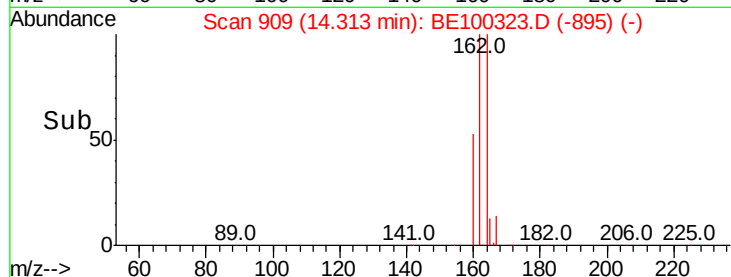
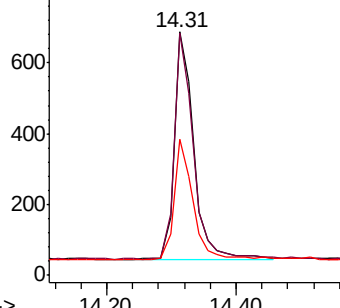
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :

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

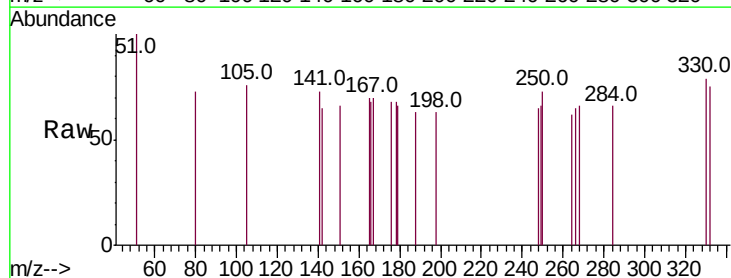


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

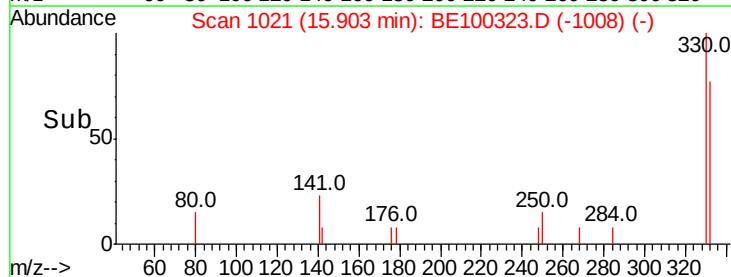
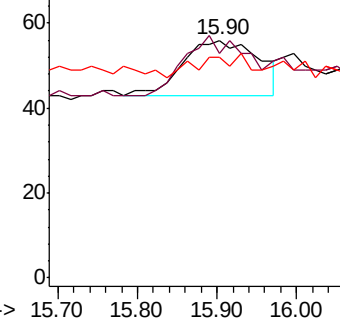


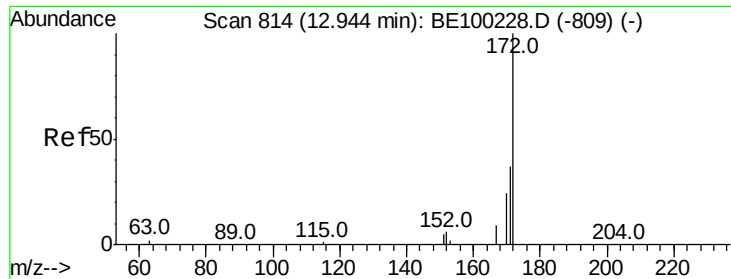
#14
2,4,6-Tribromophenol
Concen: 0.092 ng
RT: 15.90 min Scan# 1021
Delta R.T. 0.08 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

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

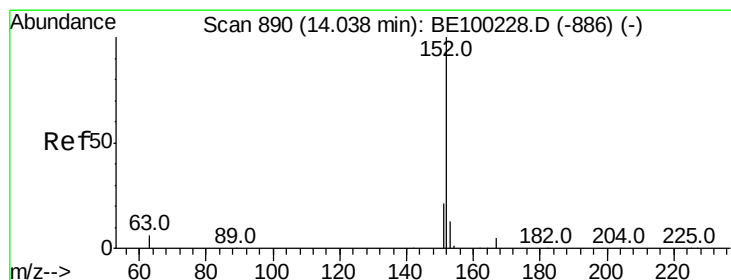
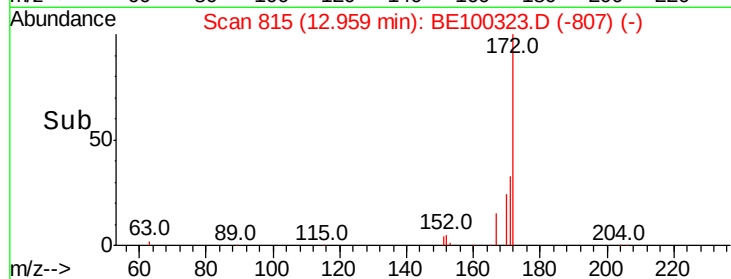
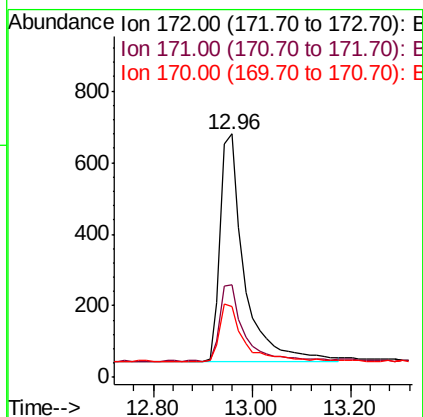
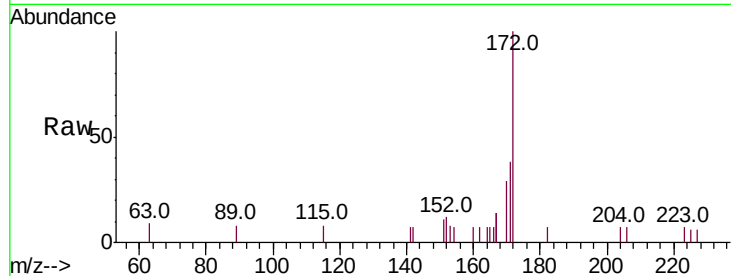




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

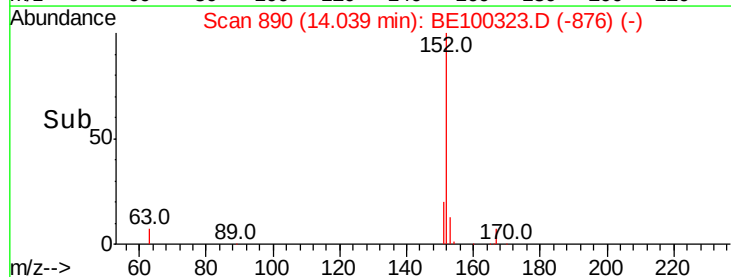
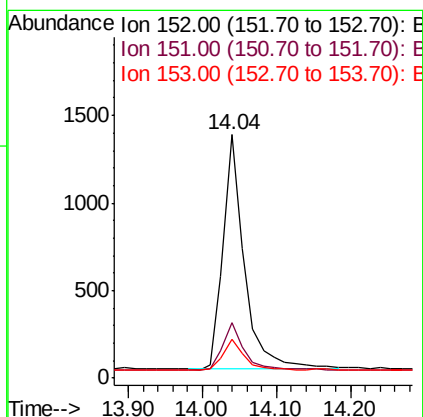
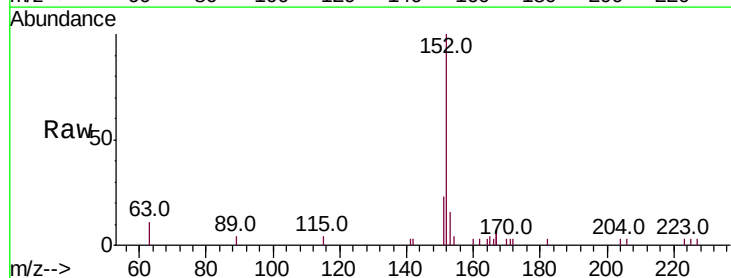
Instrument :
BNA_E
ClientSampleId :

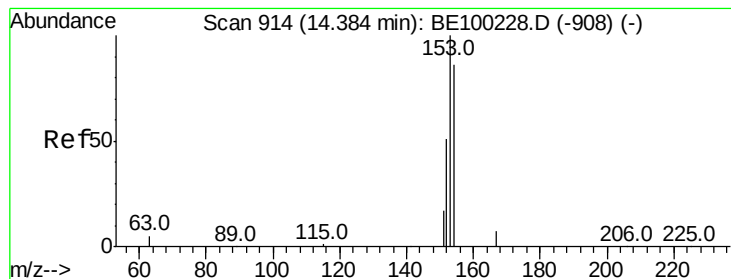
Tot Ion:172 Resp: 2146
Ion Ratio Lower Upper
172 100
171 38.2 31.9 47.9
170 29.0 22.2 33.2



#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 :

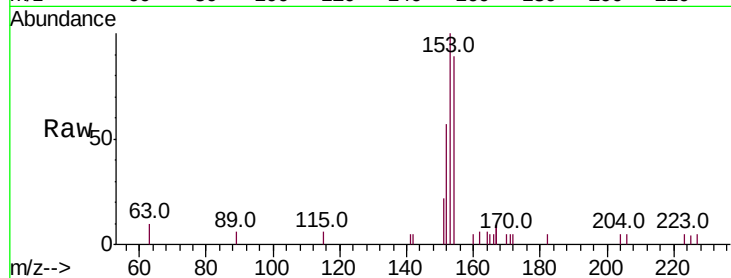
Tot Ion:154 Resp: 1593

Ion Ratio Lower Upper

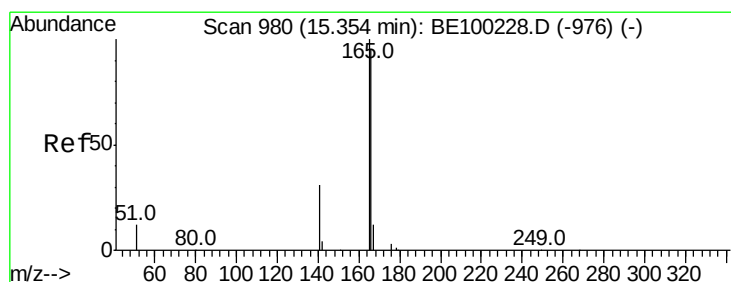
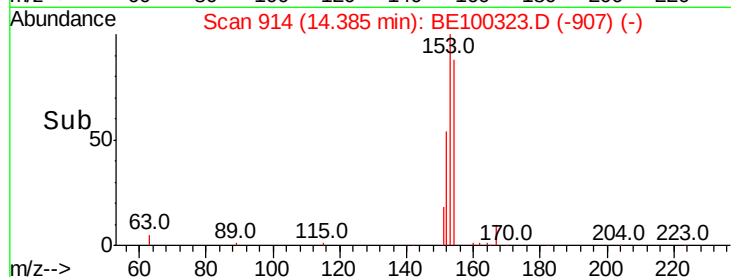
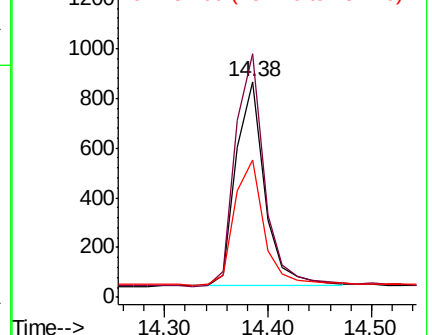
154 100

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

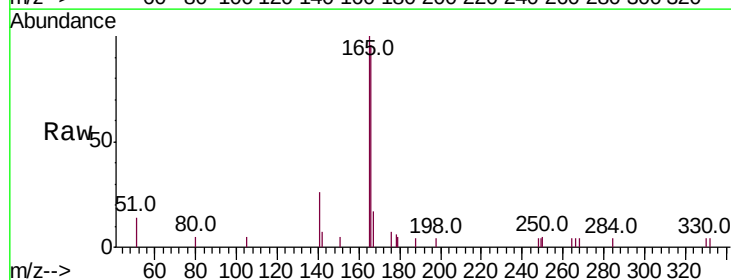
Tgt Ion:166 Resp: 2316

Ion Ratio Lower Upper

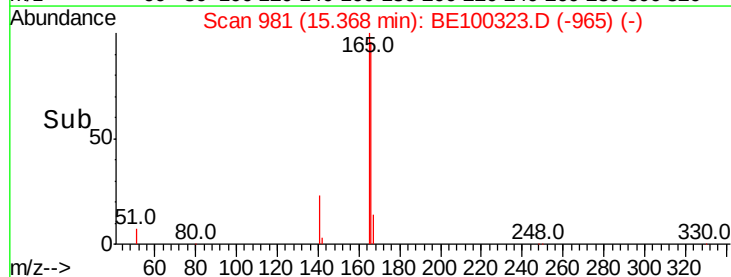
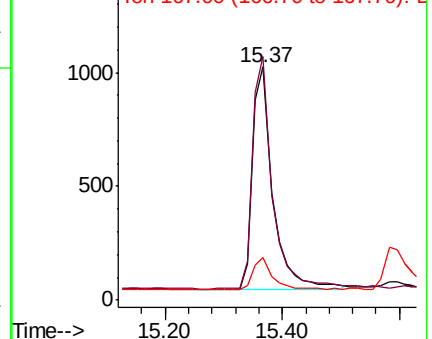
166 100

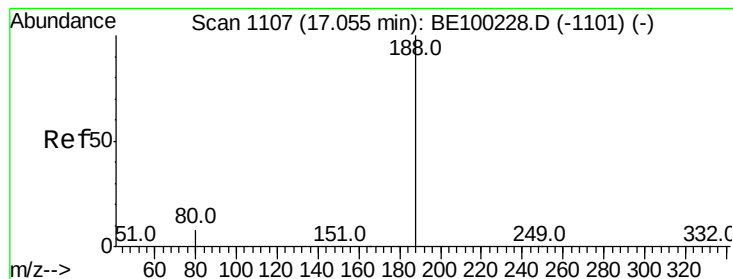
165 102.2 81.1 121.7

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 :

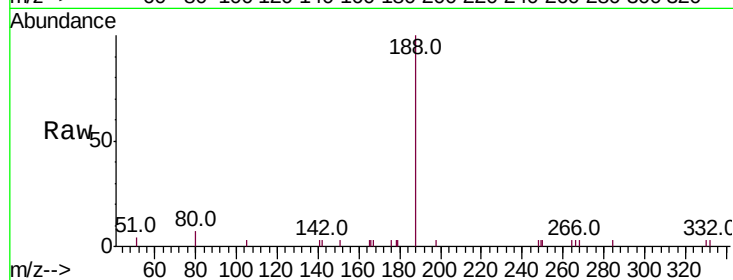
Tot Ion:188 Resp: 4148

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

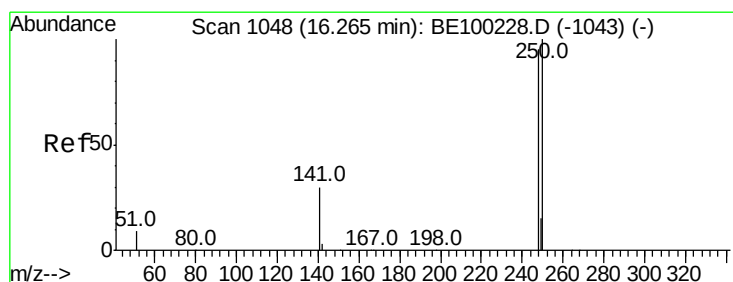
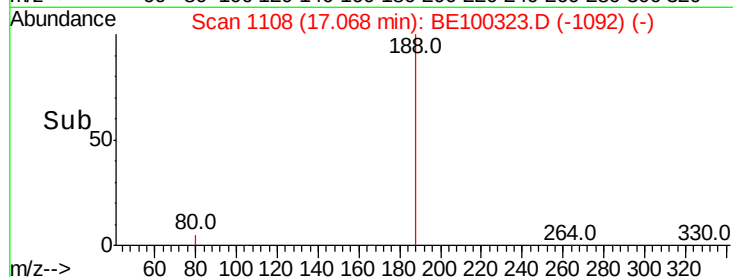
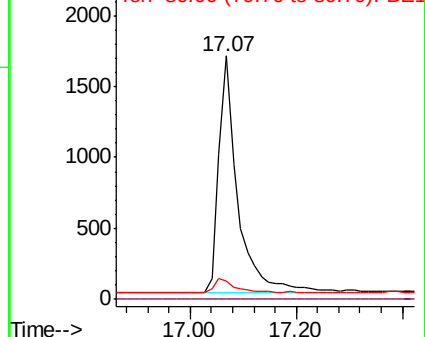
80 7.4 7.6 11.4#



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: 0.449 ng

RT: 16.26 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

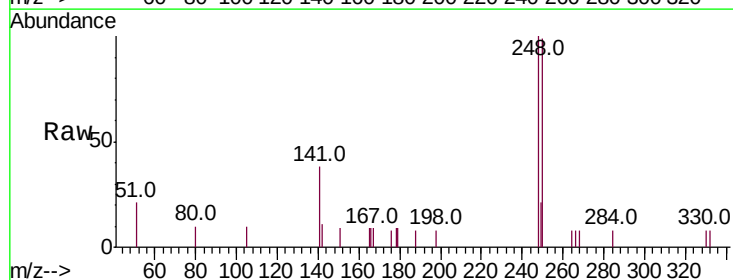
Tgt Ion:248 Resp: 1188

Ion Ratio Lower Upper

248 100

250 98.6 84.2 126.4

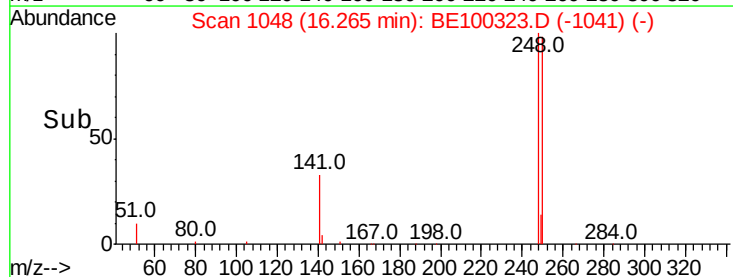
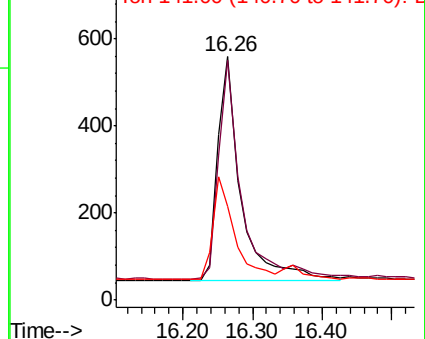
141 38.3 29.3 43.9

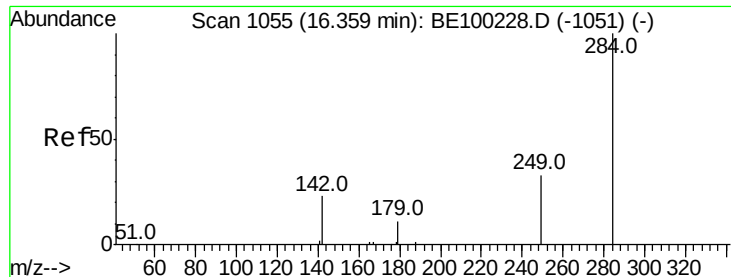


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.450 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 :

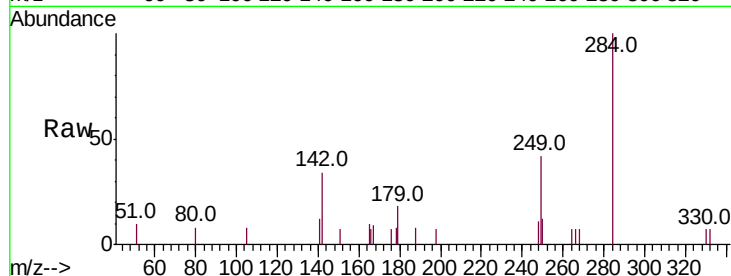
Tot Ion:284 Resp: 1236

Ion Ratio Lower Upper

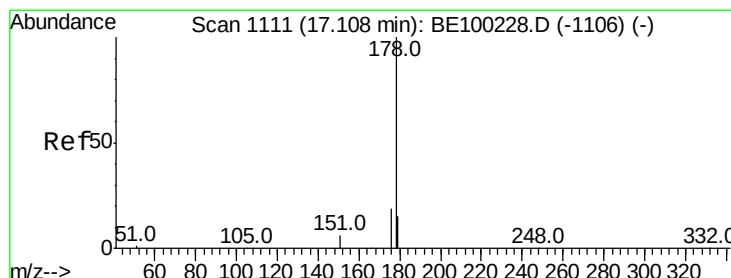
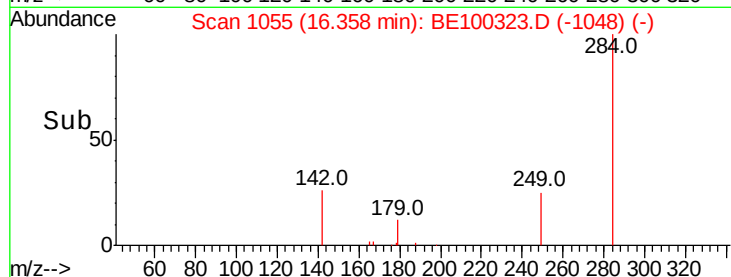
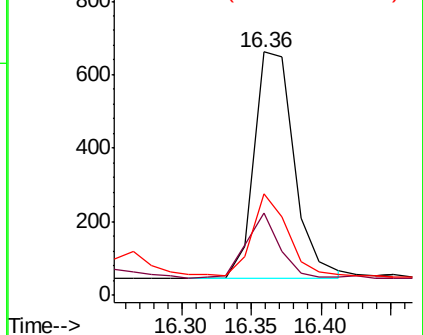
284 100

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

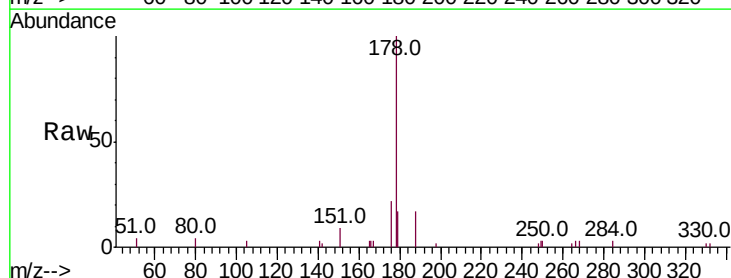
Tgt Ion:178 Resp: 4137

Ion Ratio Lower Upper

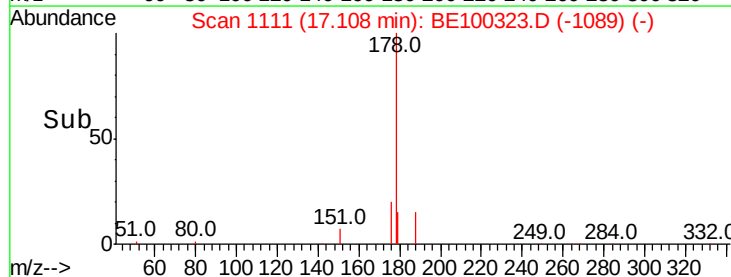
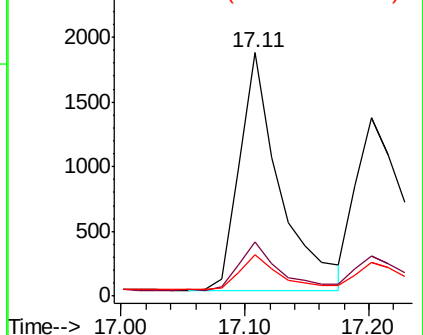
178 100

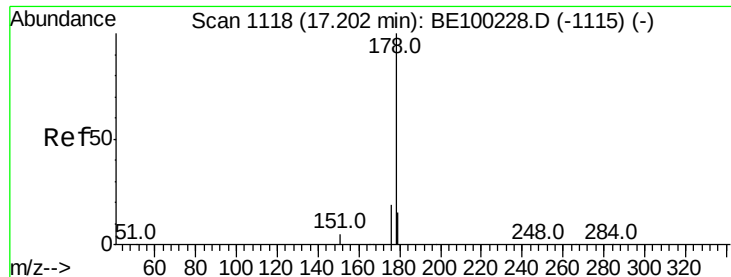
176 20.3 15.9 23.9

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 :

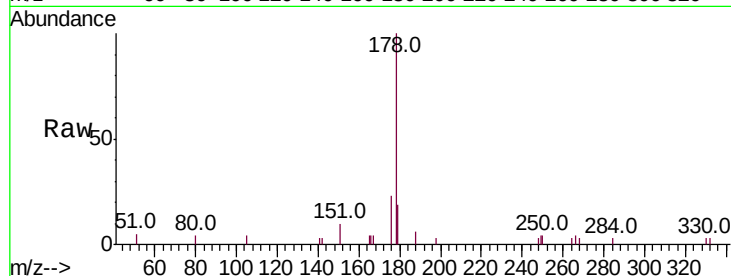
Tot Ion:178 Resp: 3383

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

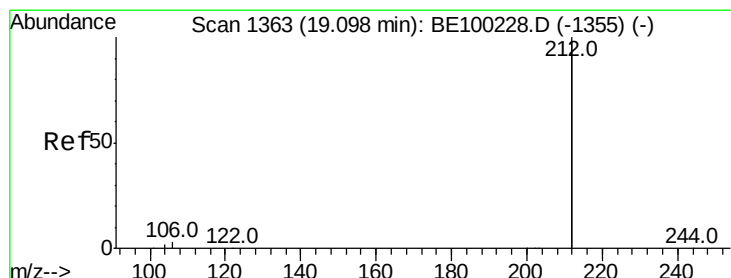
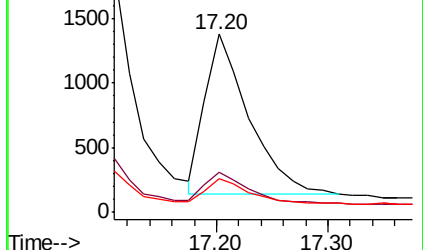
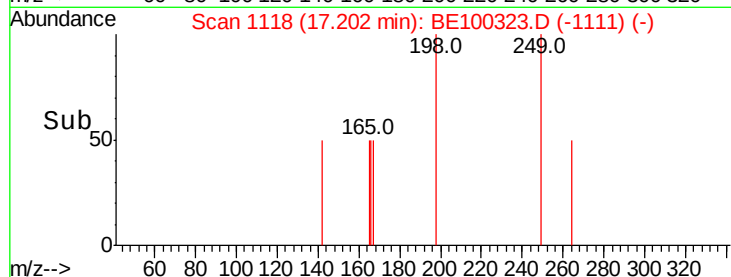
179 15.0 12.2 18.2



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

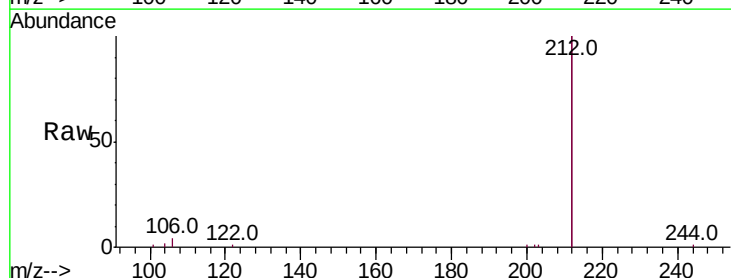
Tgt Ion:212 Resp: 26469

Ion Ratio Lower Upper

212 100

106 1.4 1.3 1.9

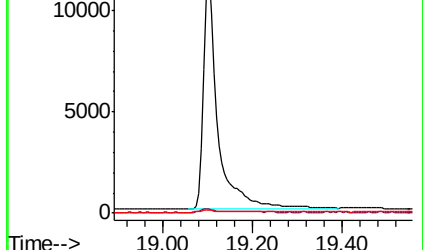
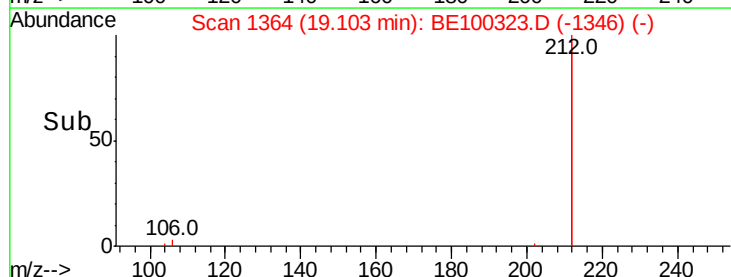
104 1.0 0.8 1.2

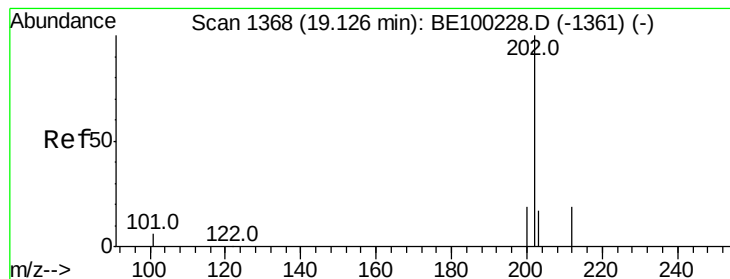


Abundance Ion 212.00 (211.70 to 212.70): E

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 :

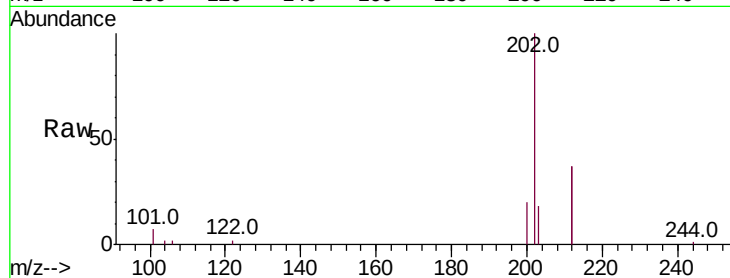
Tot Ion:202 Resp: 7055

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

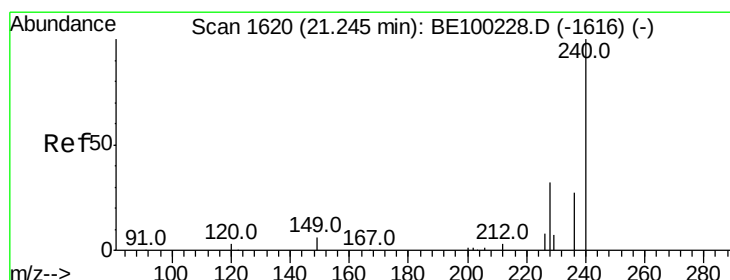
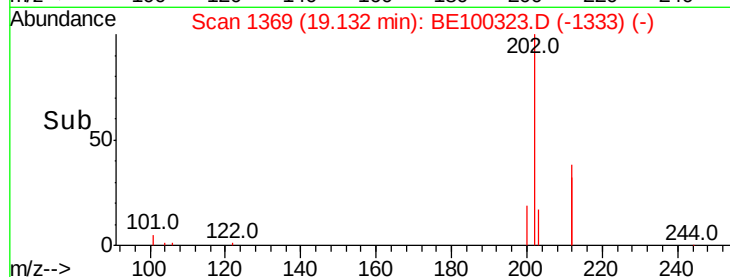
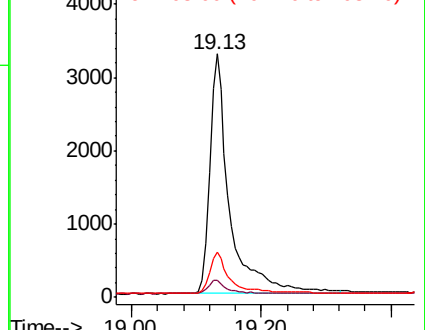
203 16.3 13.7 20.5



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: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100323.D

Acq: 3 Jul 2019 11:46

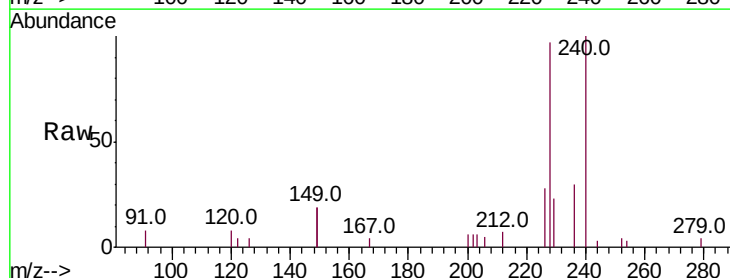
Tgt Ion:240 Resp: 5436

Ion Ratio Lower Upper

240 100

120 8.3 3.3 4.9#

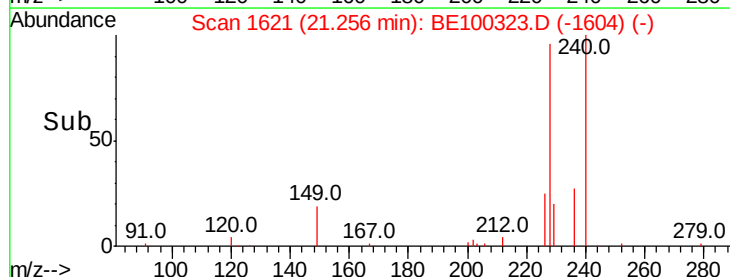
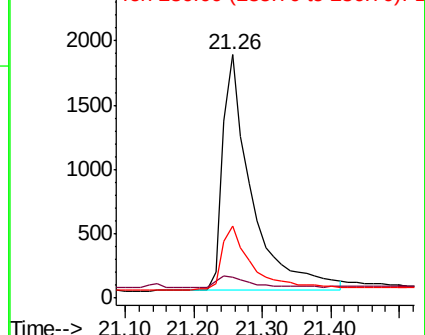
236 29.6 22.6 34.0

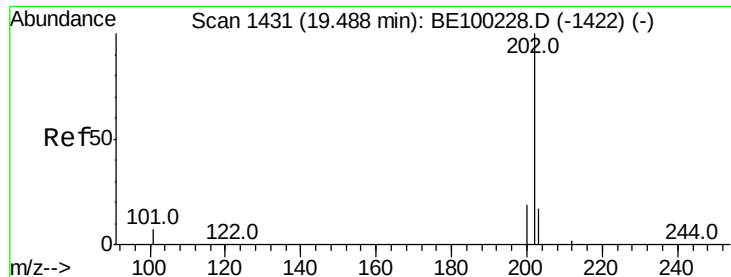


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

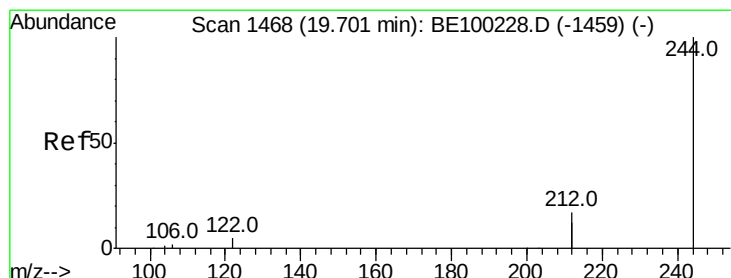
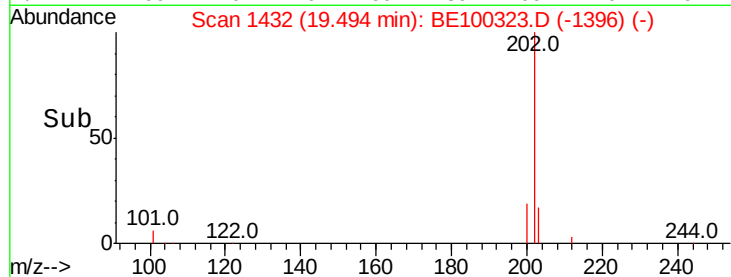
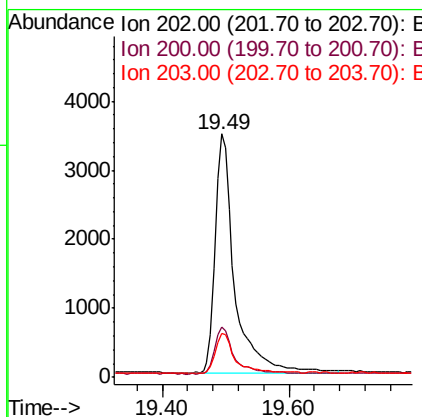
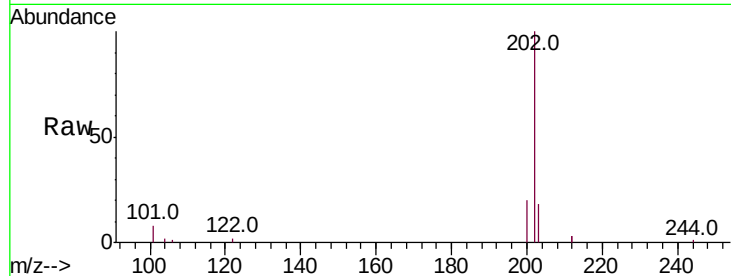




#28
 Pvrene
 Concen: 0.515 ng
 RT: 19.49 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BE100323.D
 Acq: 3 Jul 2019 11:46

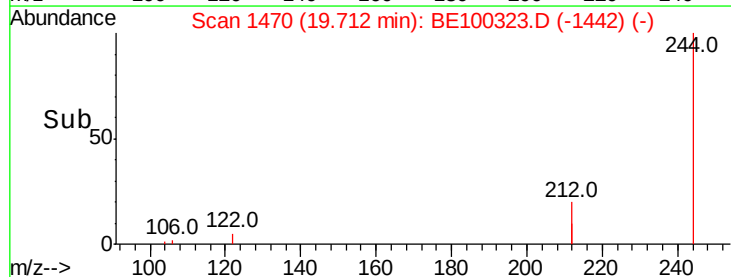
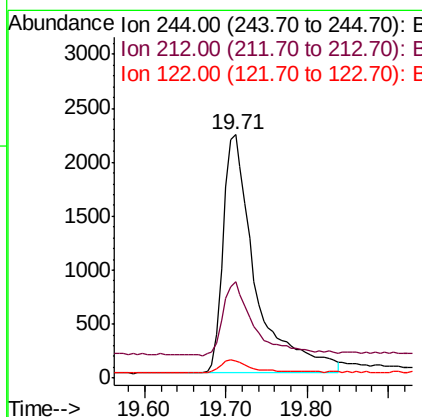
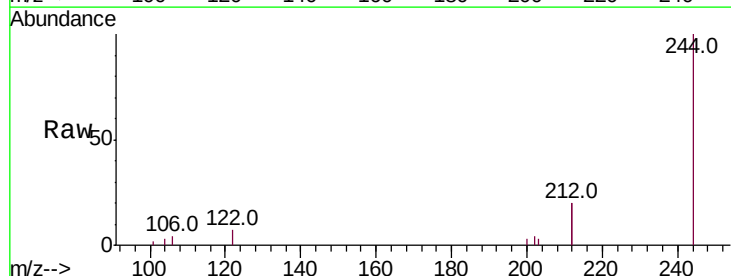
Instrument :
 BNA_E
 ClientSampleId :

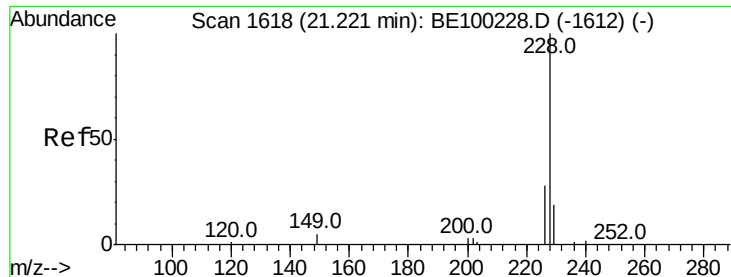
Tot Ion:202 Resp: 7408
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.6 23.4
 203 16.4 14.0 21.0



#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

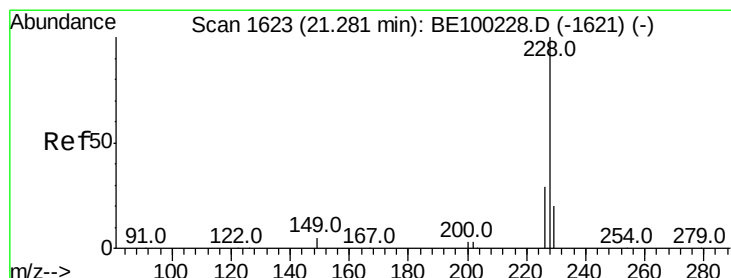
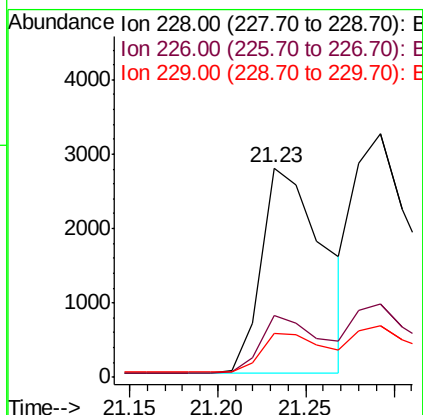
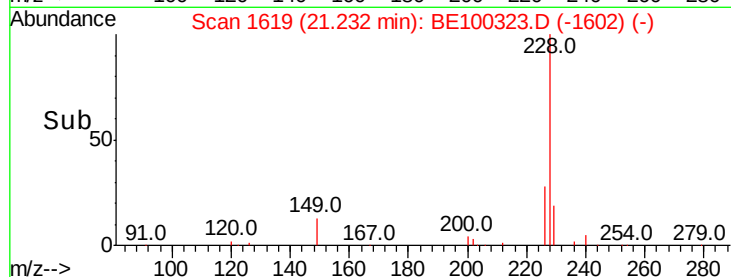
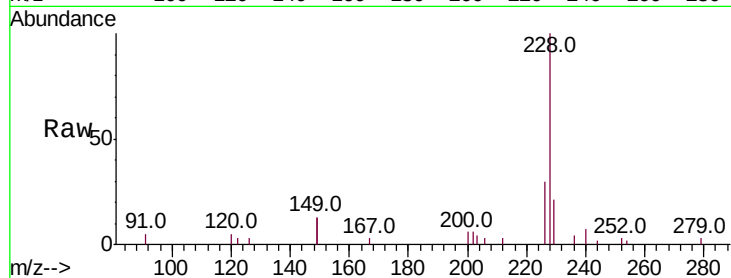
Instrument :

BNA_E

ClientSampleId :

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

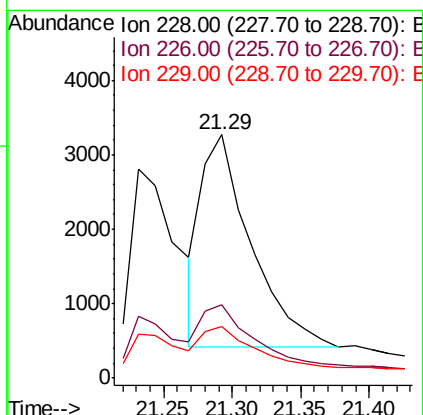
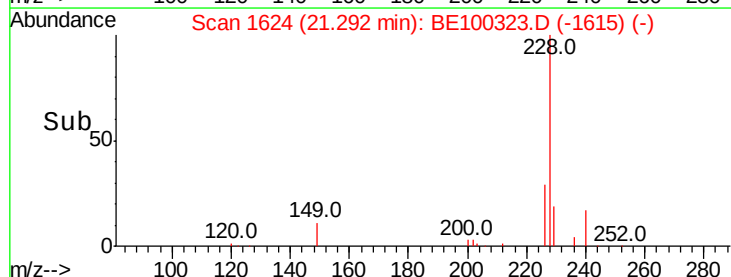
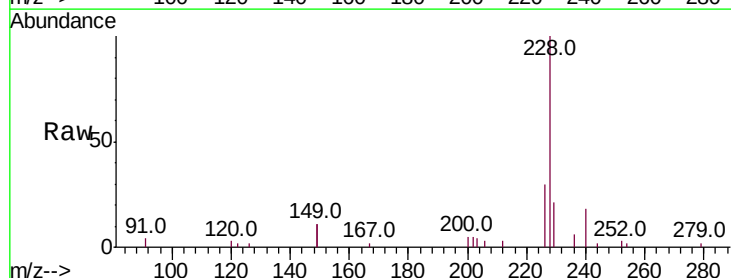
Delta R.T. 0.01 min

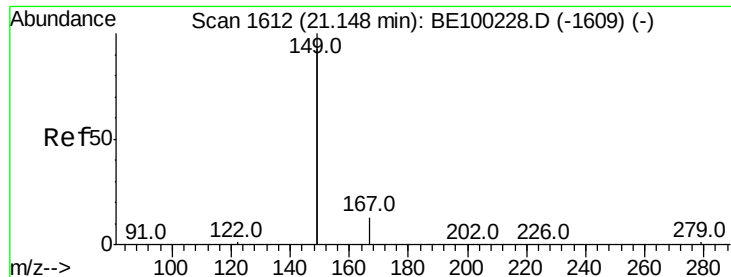
Lab File: BE100323.D

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

ClientSampled :

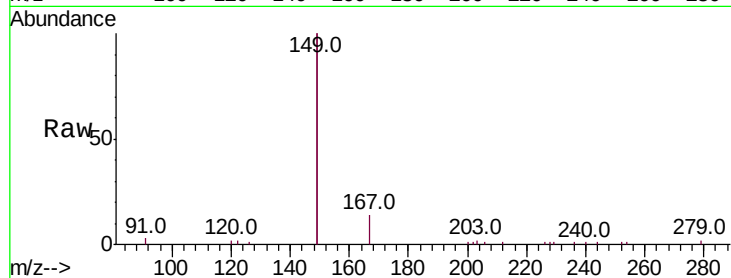
Tot Ion:149 Resp: 13039

Ion Ratio Lower Upper

149 100

167 7.7 5.8 8.8

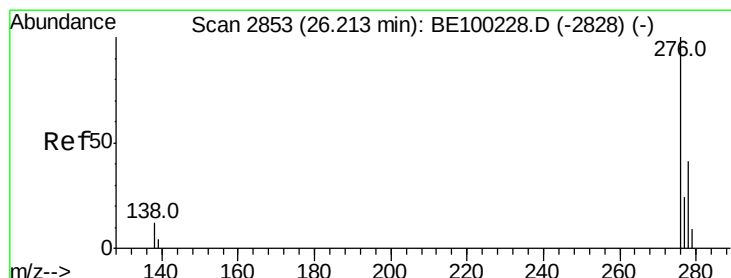
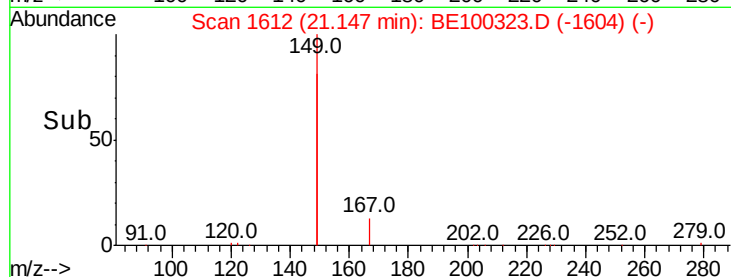
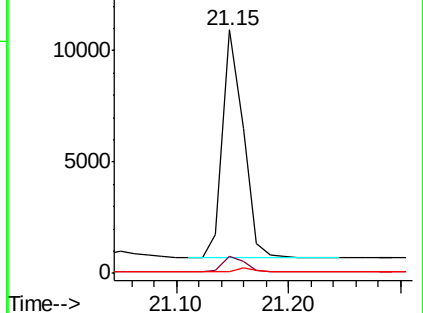
279 1.4 1.1 1.7



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

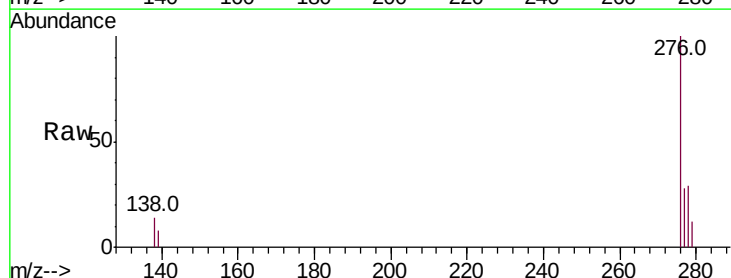
Tgt Ion:276 Resp: 8618

Ion Ratio Lower Upper

276 100

138 8.7 9.4 14.0#

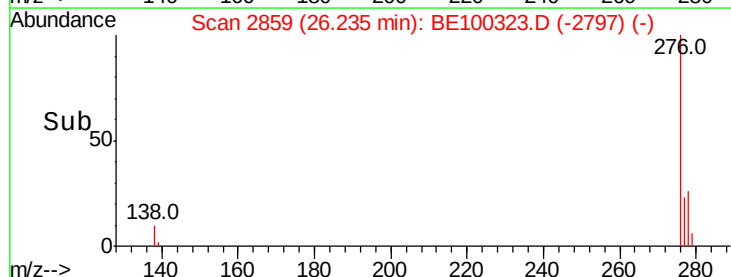
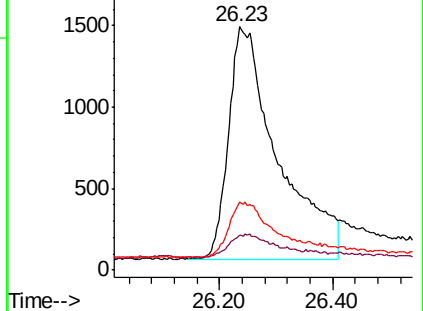
277 21.0 19.2 28.8

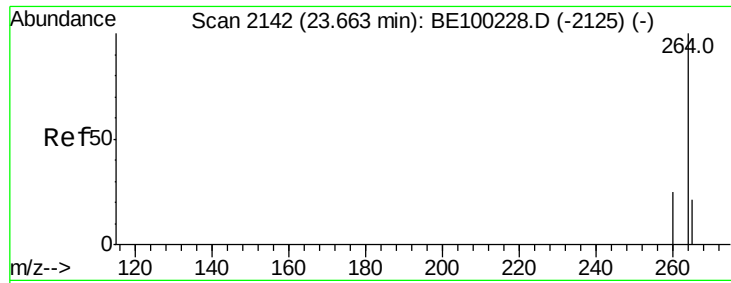


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

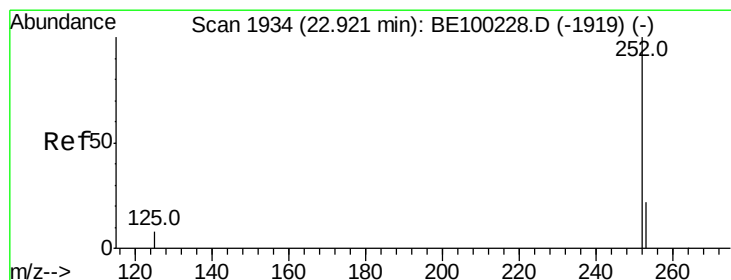
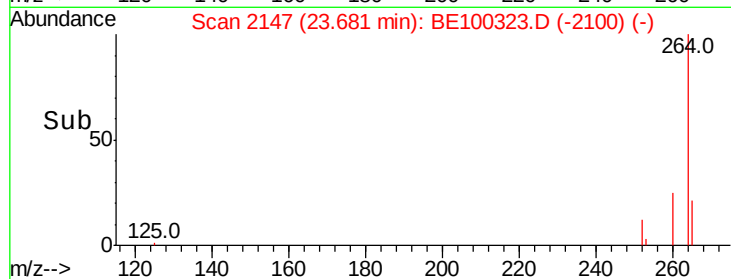
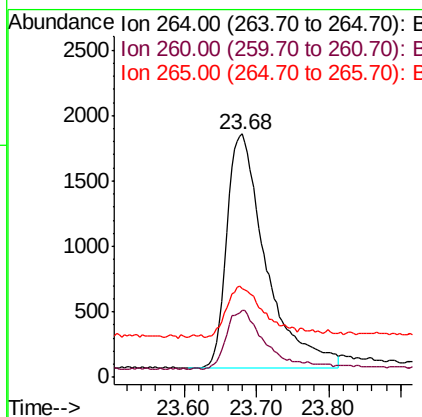
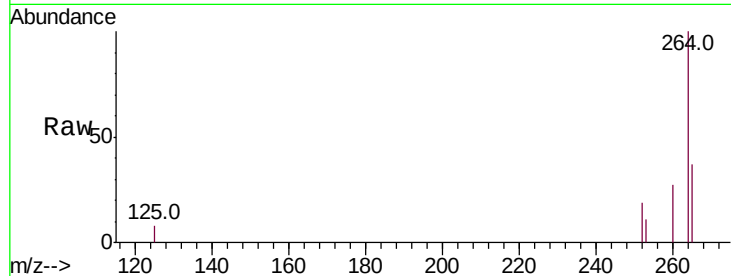




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2147
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

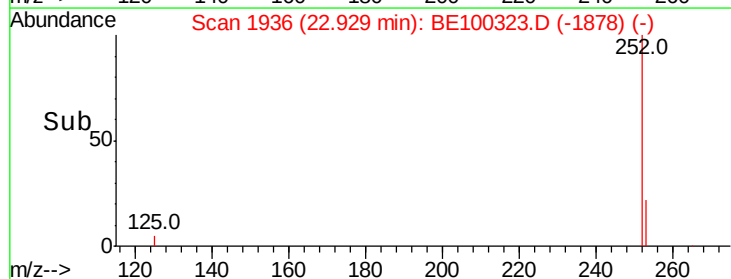
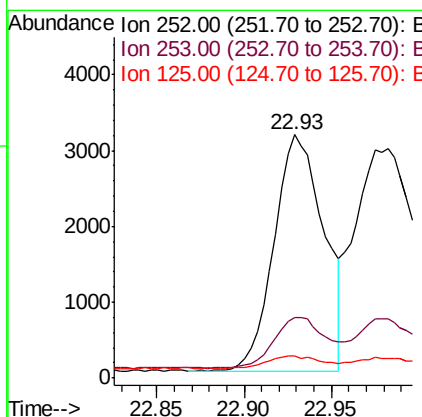
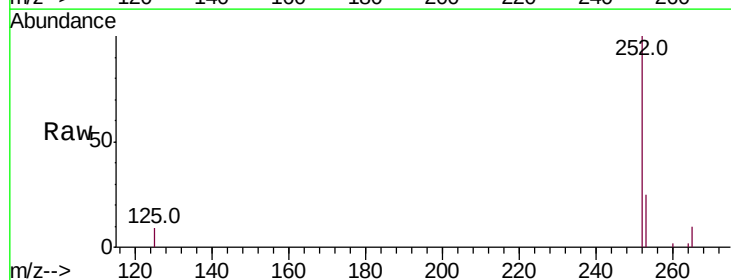
Instrument :
BNA_E
ClientSampleId :

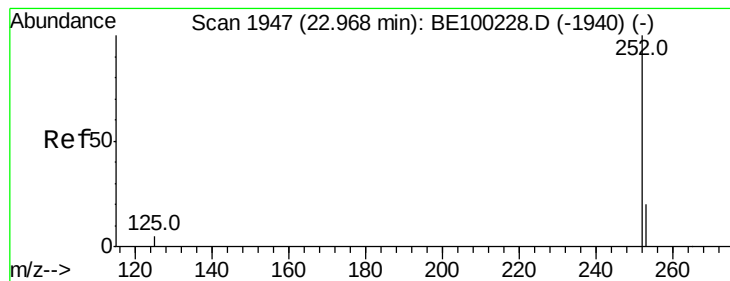
Tot Ion:264 Resp: 6681
Ion Ratio Lower Upper
264 100
260 27.3 20.8 31.2
265 36.6 21.8 32.6#



#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 :

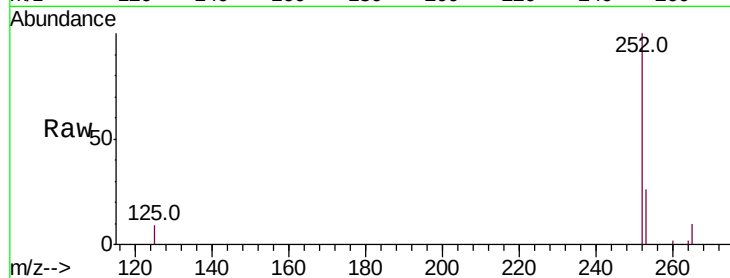
Tot Ion:252 Resp: 9787

Ion Ratio Lower Upper

252 100

253 25.6 17.9 26.9

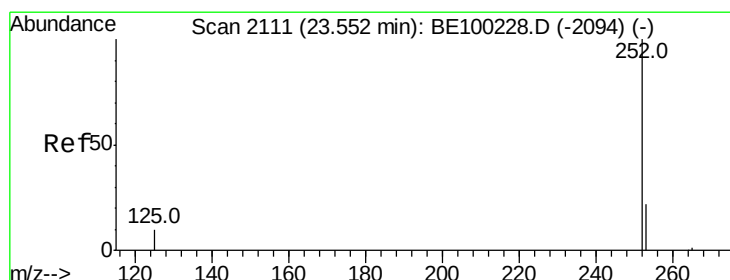
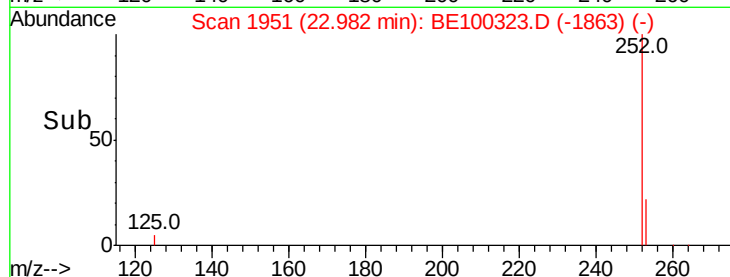
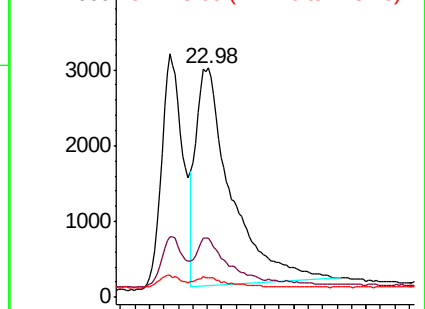
125 8.8 5.0 7.4#



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



#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

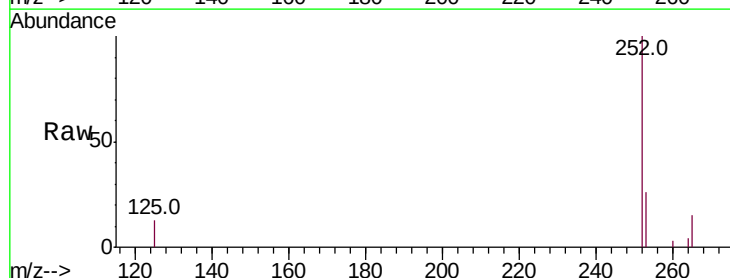
Tgt Ion:252 Resp: 7373

Ion Ratio Lower Upper

252 100

253 26.3 19.6 29.4

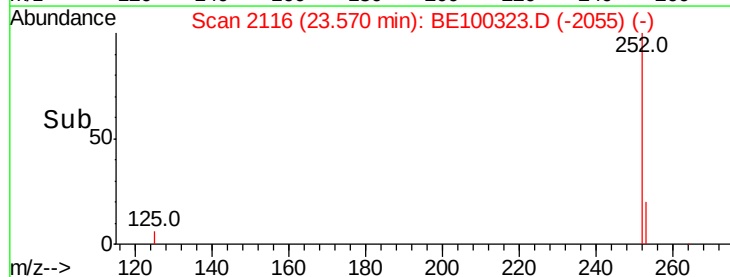
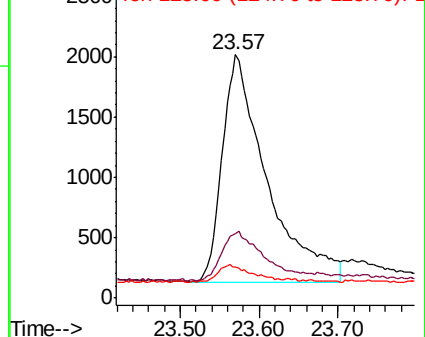
125 12.7 9.0 13.6

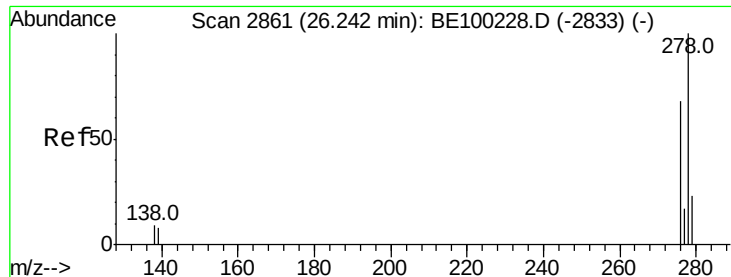


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

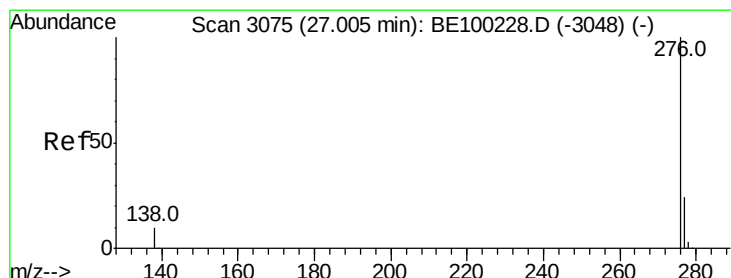
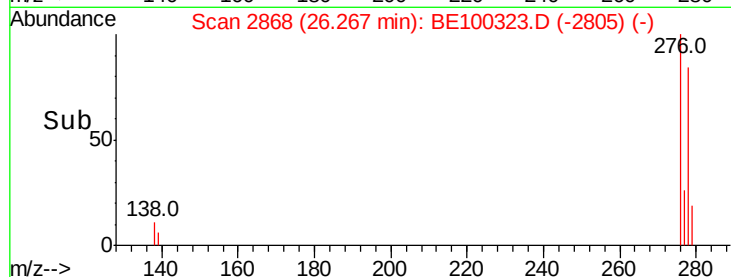
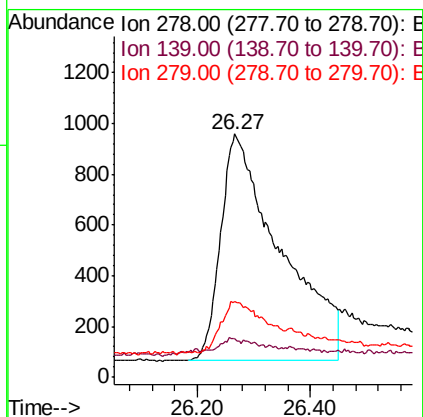
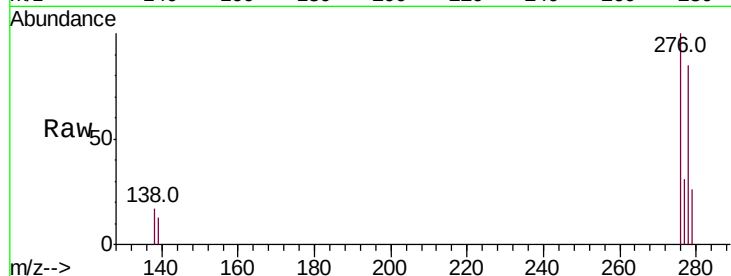




#38
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 26.27 min Scan# 2868
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :

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#



#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

