

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
 Data File : BE100801.D
 Acq On : 6 Dec 2019 11:08
 Operator : JU
 Sample : PB125273BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Quant Time: Dec 06 12:48:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5265	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24484	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13664	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32645	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	34124	0.40	ng	0.00
34) Perylene-d12	23.75	264	40254	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	3583	0.29	ng	0.00
5) Phenol-d6	6.93	99	3501	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	7290	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	17068	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1746	1.15	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21722	0.40	ng	0.00
25) Fluoranthene-d10	19.16	212	157801	0.41	ng	0.00
29) Terphenyl-d14	19.77	244	38662	0.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1465	0.153	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	1410	0.180	ng	# 79
6) bis(2-Chloroethyl)ether	7.19	93	7441	0.408	ng	98
9) Naphthalene	10.59	128	100274	0.385	ng	100
10) Hexachlorobutadiene	10.89	225	3351	0.330	ng	97
12) 2-Methylnaphthalene	12.21	142	15978	0.393	ng	98
16) Acenaphthylene	14.11	152	23745	0.420	ng	99
17) Acenaphthene	14.46	154	15203	0.390	ng	97
18) Fluorene	15.43	166	20515	0.408	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	6186	0.386	ng	# 93
21) Hexachlorobenzene	16.44	284	6082	0.350	ng	99
22) Pentachlorophenol	16.79	266	2455	2.040	ng	# 81
23) Phenanthrene	17.16	178	39198	0.396	ng	99
24) Anthracene	17.26	178	34393	0.416	ng	99
26) Fluoranthene	19.19	202	46247	0.392	ng	100
28) Pyrene	19.55	202	46947	0.423	ng	99
30) Benzo(a)anthracene	21.29	228	45649	0.454	ng	100
31) Chrysene	21.34	228	45725	0.387	ng	98
32) Bis(2-ethylhexyl)phthalate	21.24	149	104893	1.272	ng	99
33) Indeno(1,2,3-cd)pyrene	26.32	276	49906	0.485	ng	99
35) Benzo(b)fluoranthene	23.00	252	44938	0.408	ng	100
36) Benzo(k)fluoranthene	23.05	252	46520	0.376	ng	98
37) Benzo(a)pyrene	23.64	252	43030	0.451	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	41684	0.439	ng	100
39) Benzo(g,h,i)perylene	27.12	276	43120	0.425	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

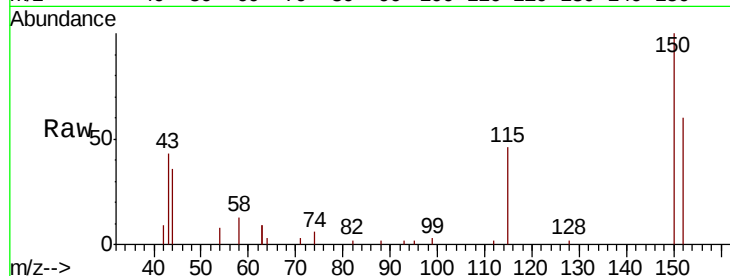
Tot Ion:152 Resp: 5265

Ion Ratio Lower Upper

152 100

150 166.4 120.6 181.0

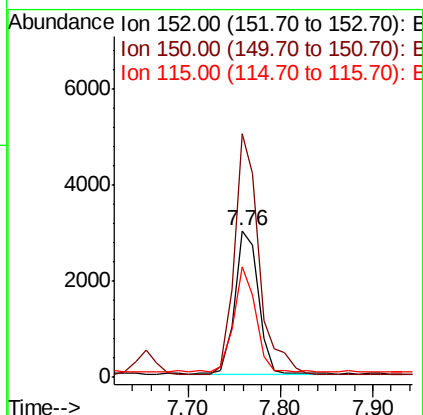
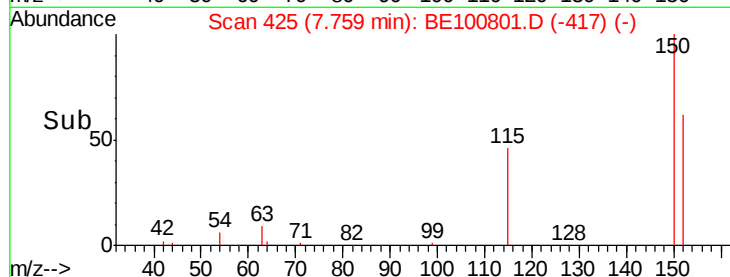
115 75.8 47.4 71.2#



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: 0.153 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

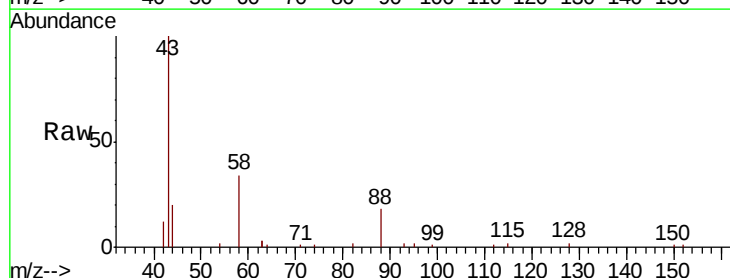
Tgt Ion: 88 Resp: 1465

Ion Ratio Lower Upper

88 100

58 117.5 52.5 78.7#

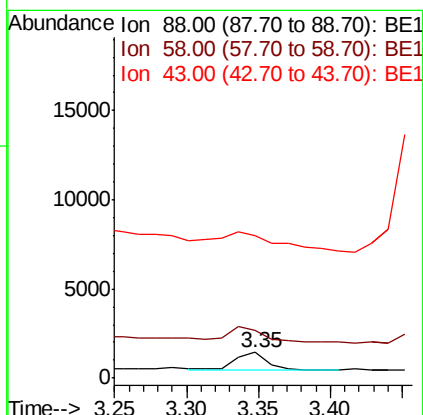
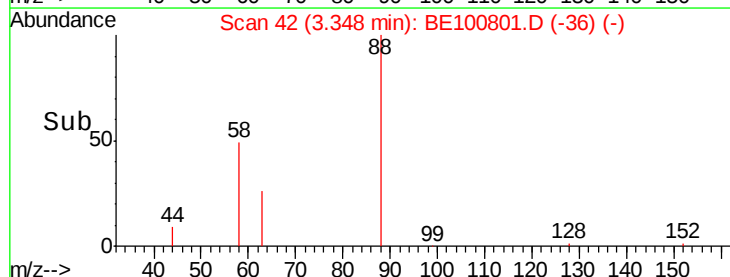
43 211.5 23.0 34.6#



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: 0.180 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

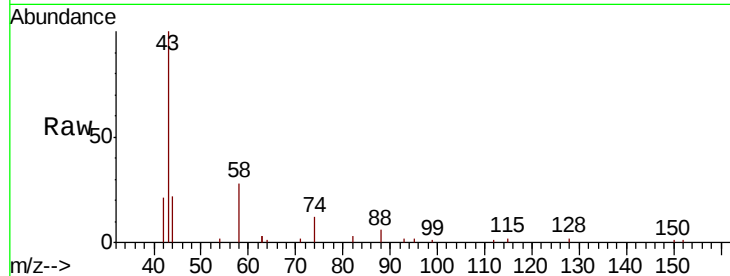
Tot Ion: 42 Resp: 1410

Ion Ratio Lower Upper

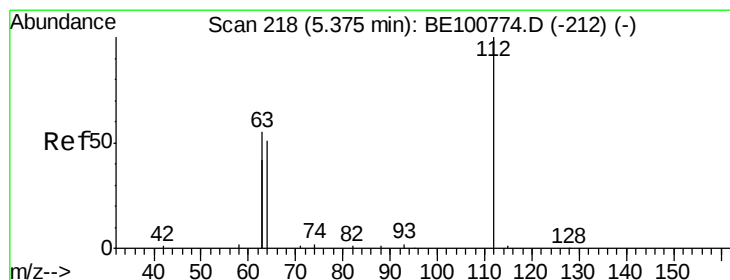
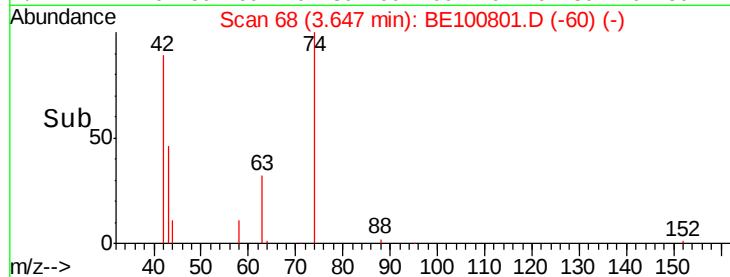
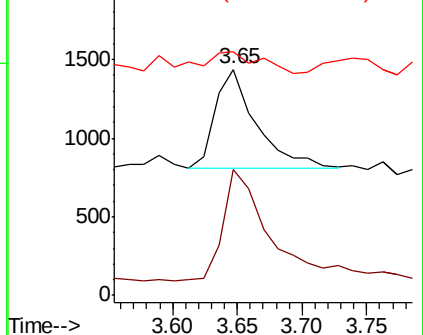
42 100

74 130.1 86.3 129.5#

44 22.8 11.6 17.4#



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: 0.287 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

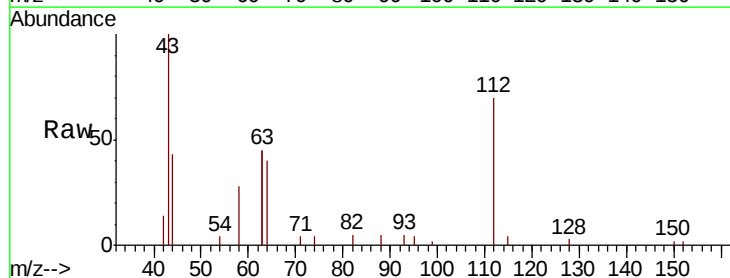
Tgt Ion: 112 Resp: 3583

Ion Ratio Lower Upper

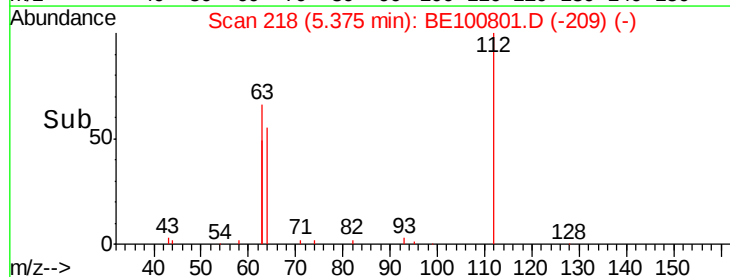
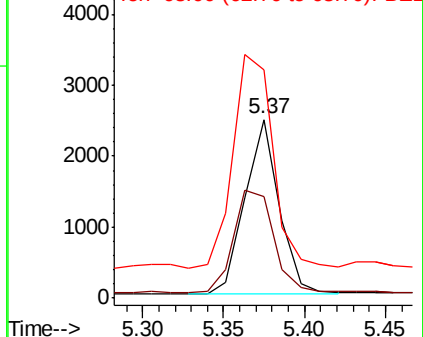
112 100

64 68.8 54.1 81.1

63 143.8 113.2 169.8



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: 0.186 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

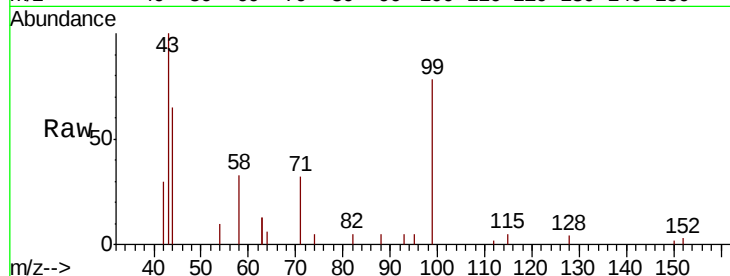
Tot Ion: 99 Resp: 3501

Ion Ratio Lower Upper

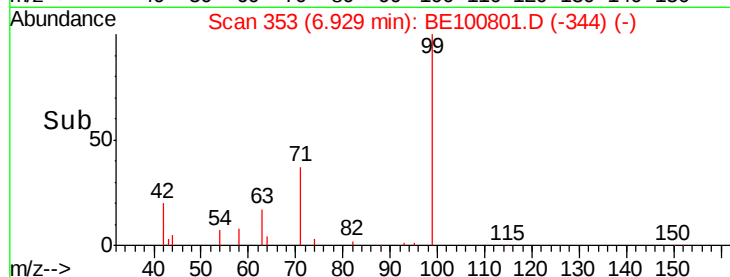
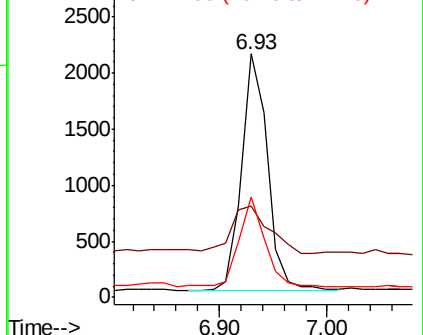
99 100

42 29.2 19.1 28.7#

71 38.2 27.7 41.5



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: 0.408 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

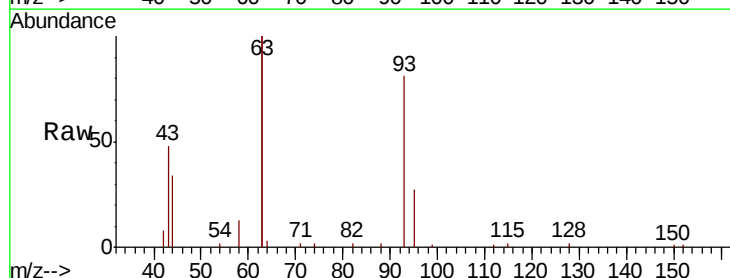
Tgt Ion: 93 Resp: 7441

Ion Ratio Lower Upper

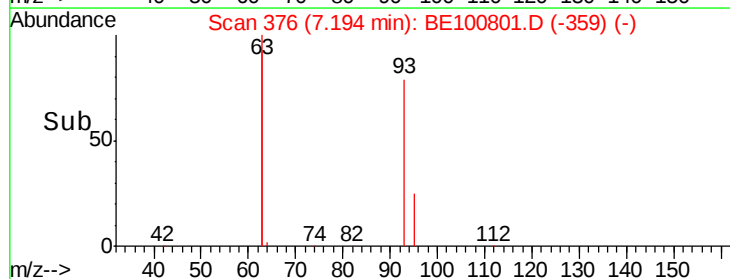
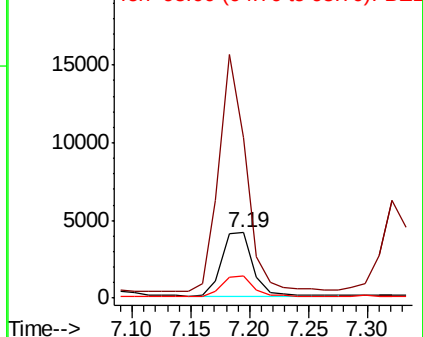
93 100

63 328.4 259.4 389.0

95 33.4 26.2 39.2



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: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

Tot Ion:136 Resp: 24484

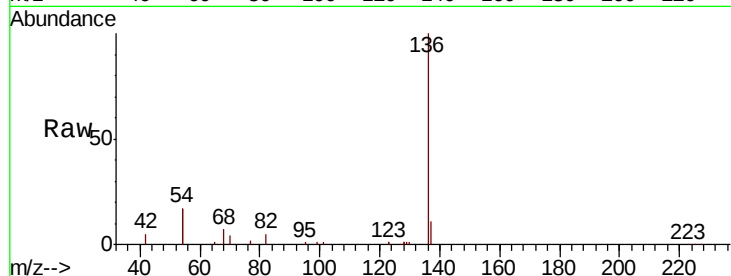
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 33.4 31.1 46.7

68 7.4 6.6 10.0

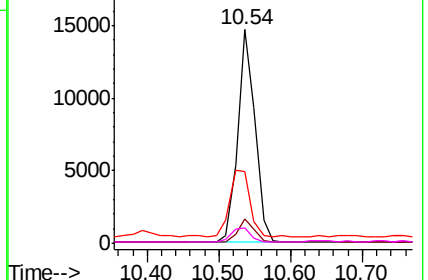
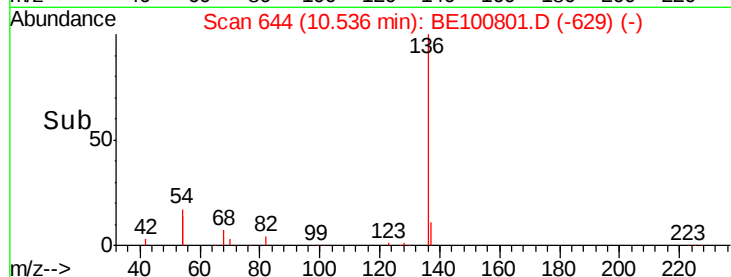


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.625 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

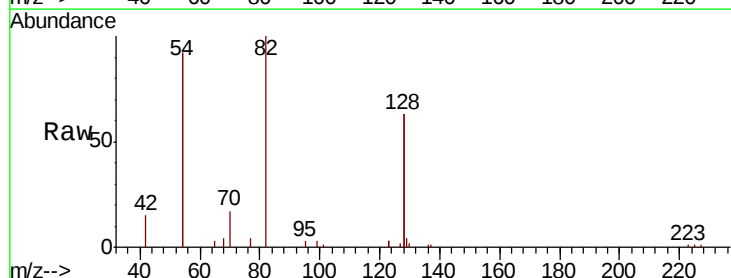
Tgt Ion: 82 Resp: 7290

Ion Ratio Lower Upper

82 100

128 126.0 97.0 145.4

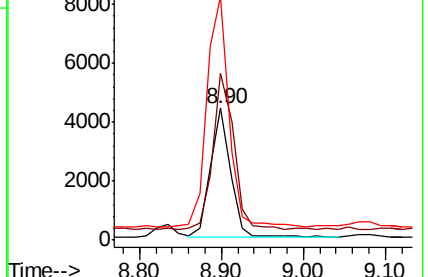
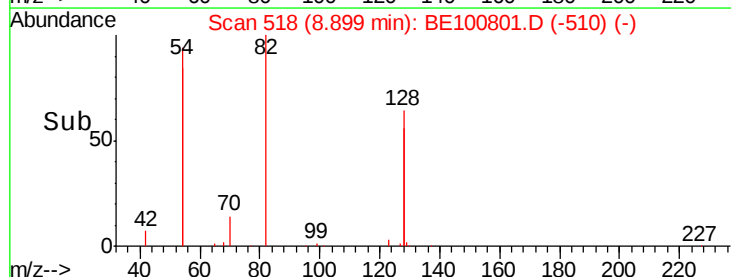
54 184.4 171.8 257.6



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: 0.385 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

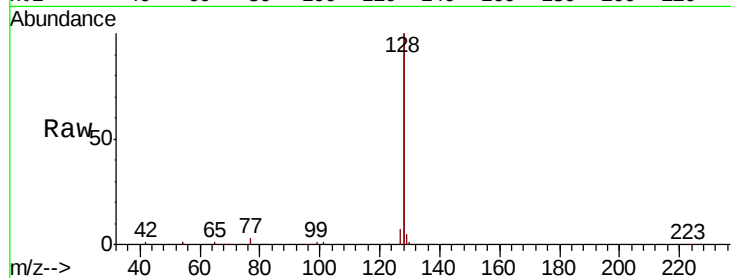
Tot Ion:128 Resp: 100274

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

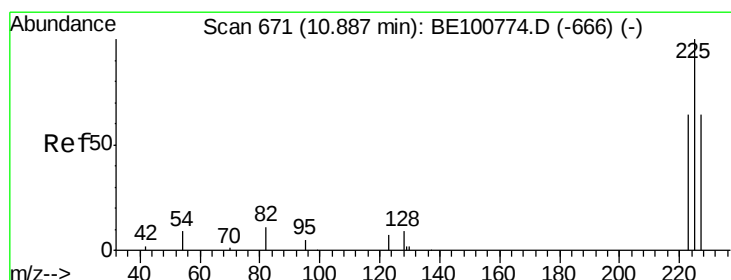
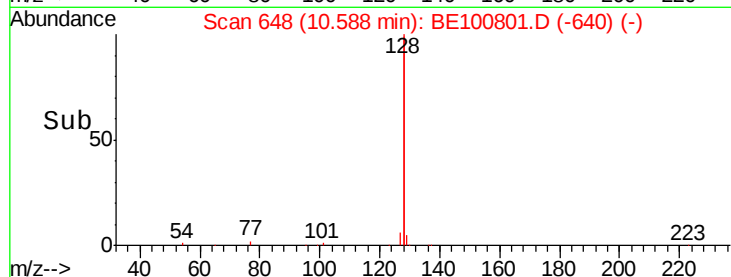
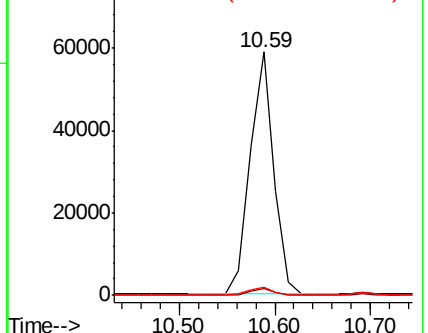
127 3.3 2.7 4.1



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: 0.330 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

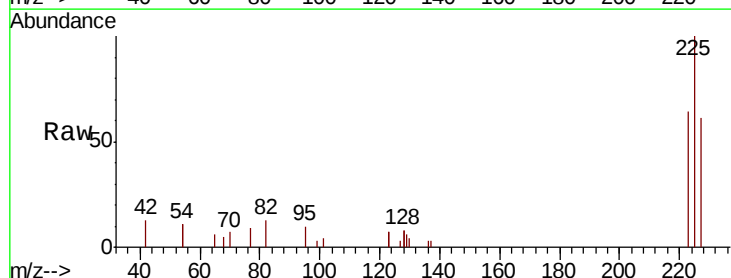
Tgt Ion:225 Resp: 3351

Ion Ratio Lower Upper

225 100

223 61.3 49.9 74.9

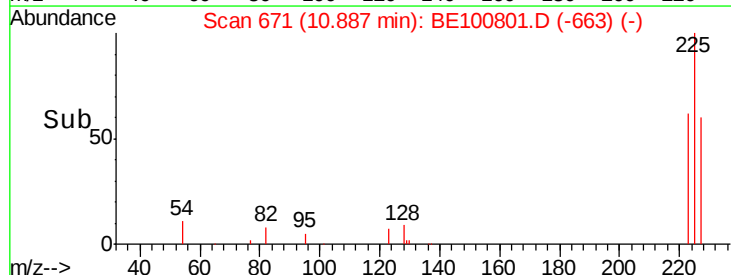
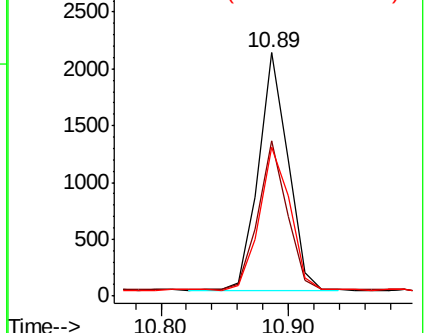
227 62.4 52.2 78.4



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

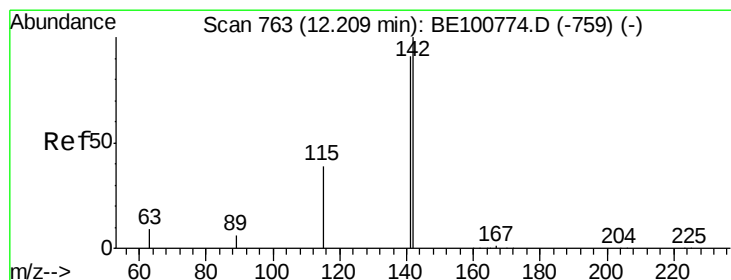
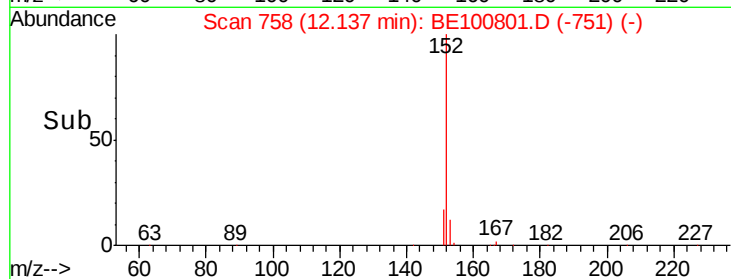
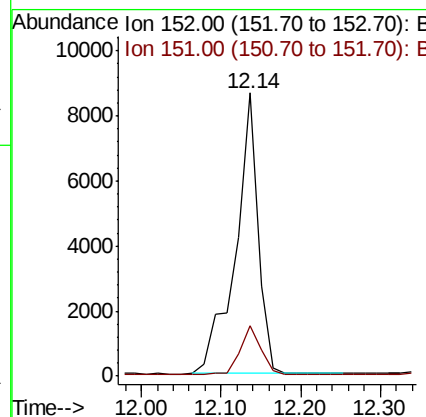
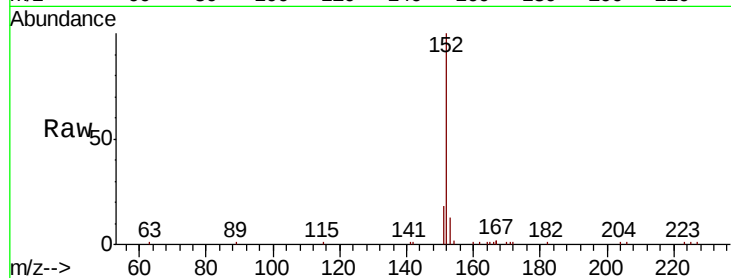




#11
 2-Methylnaphthalene-d10
 Concen: 0.481 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

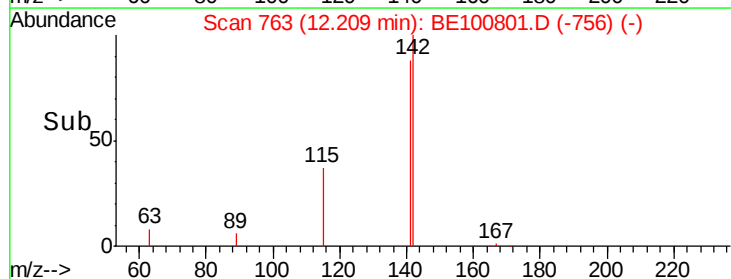
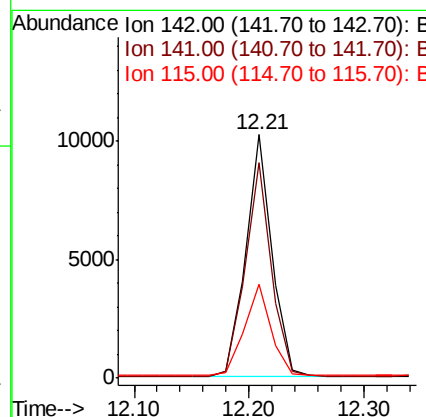
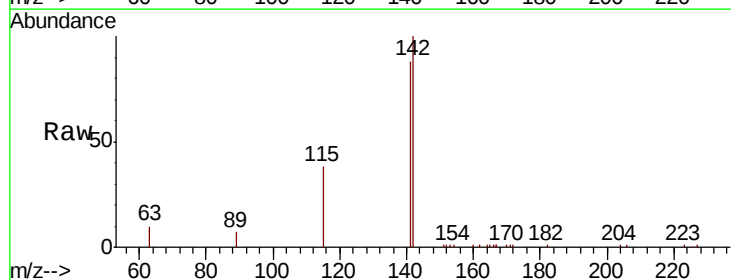
Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Tot Ion:152 Resp: 17068
 Ion Ratio Lower Upper
 152 100
 151 15.6 15.8 23.8#



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Tgt Ion:142 Resp: 15978
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.6 108.8
 115 38.3 31.8 47.6

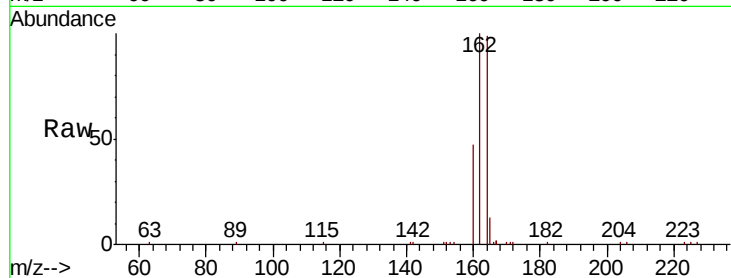




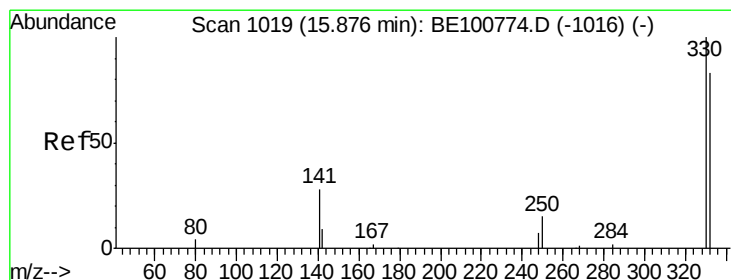
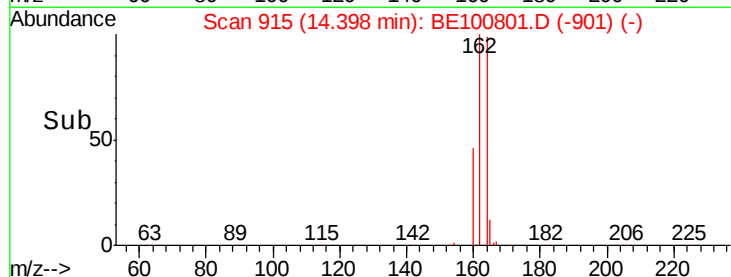
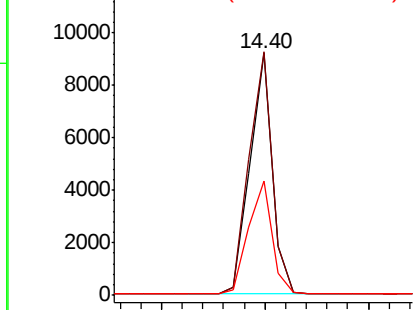
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion:164 Resp: 13664
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 47.2 39.4 59.0

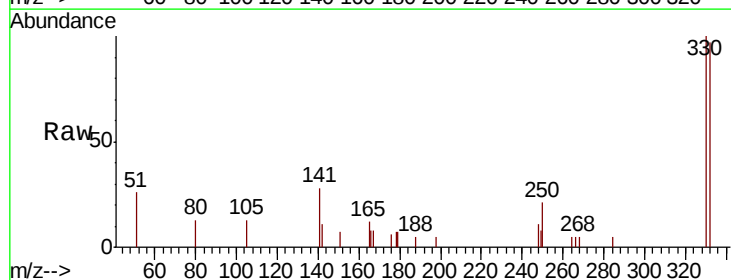


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

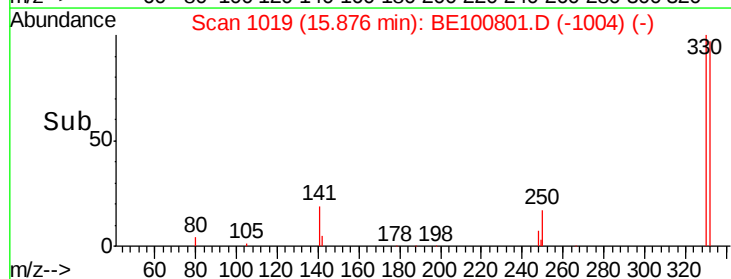
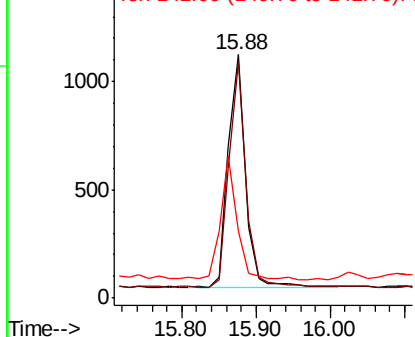


#14
2,4,6-Tribromophenol
Concen: 1.149 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:330 Resp: 1746
Ion Ratio Lower Upper
330 100
332 95.1 69.4 104.2
141 51.3 51.1 76.7



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

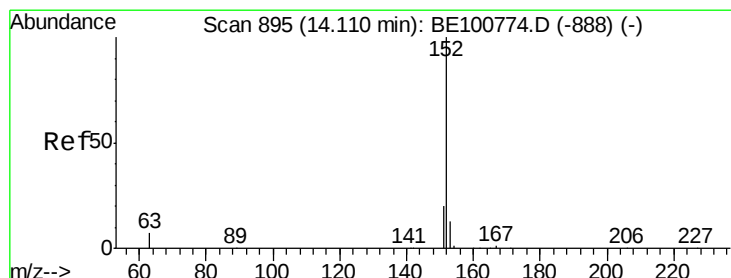
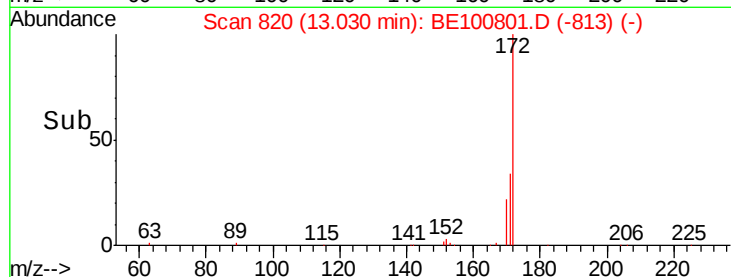
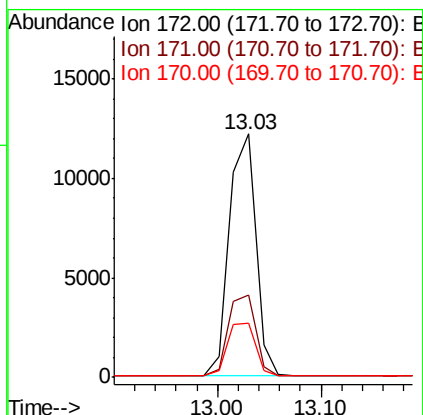
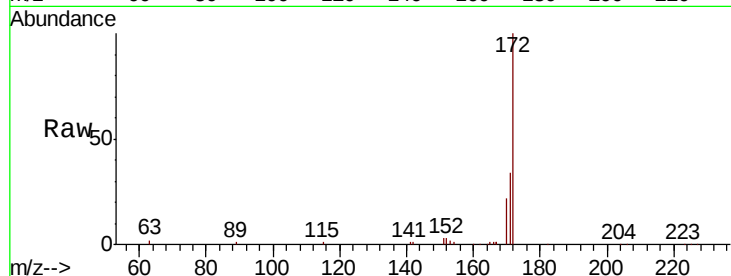




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

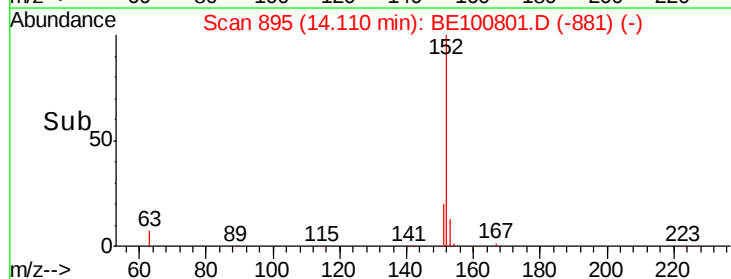
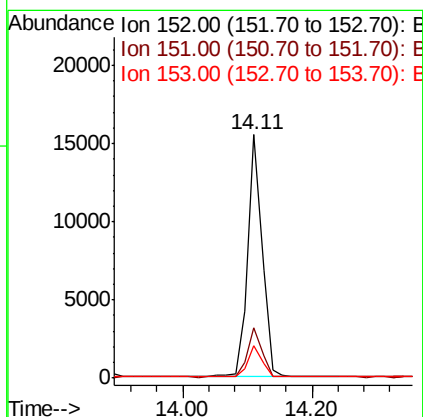
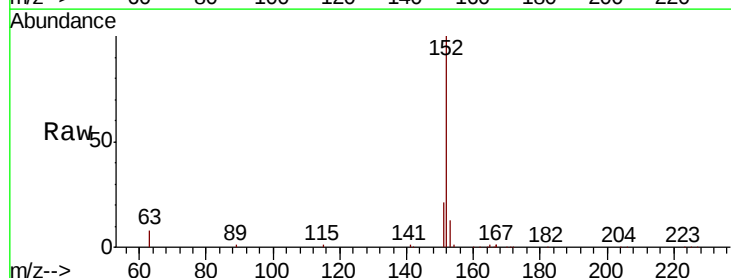
Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion:172 Resp: 21722
Ion Ratio Lower Upper
172 100
171 33.9 27.2 40.8
170 22.1 18.0 27.0



#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:152 Resp: 23745
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 12.8 10.4 15.6





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

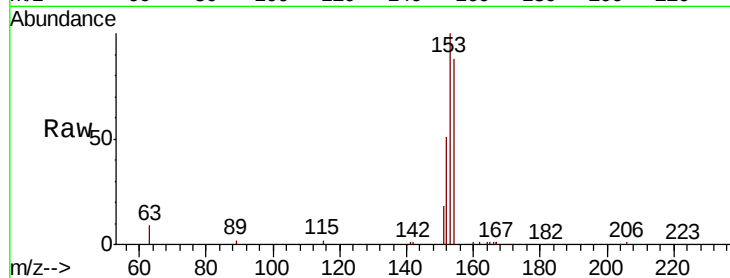
Tot Ion:154 Resp: 15203

Ion Ratio Lower Upper

154 100

153 113.8 92.2 138.2

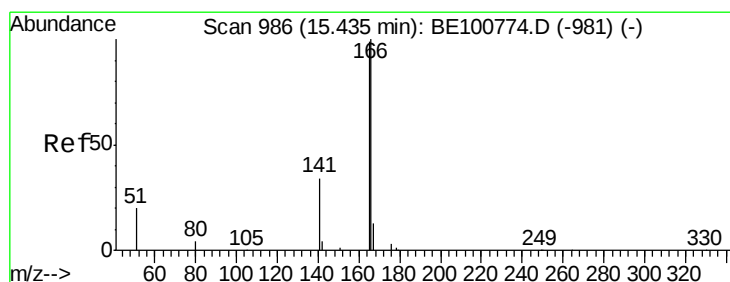
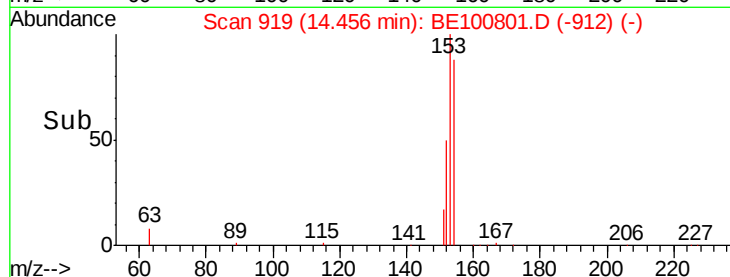
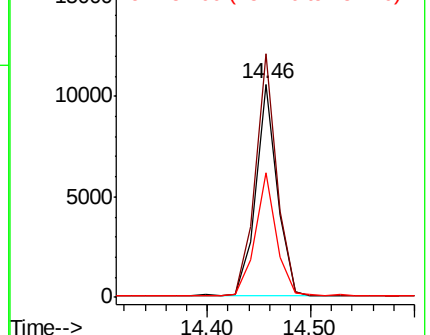
152 57.2 49.1 73.7



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: 0.408 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

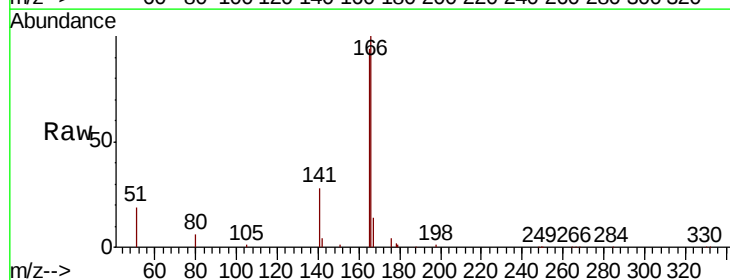
Tgt Ion:166 Resp: 20515

Ion Ratio Lower Upper

166 100

165 96.8 80.5 120.7

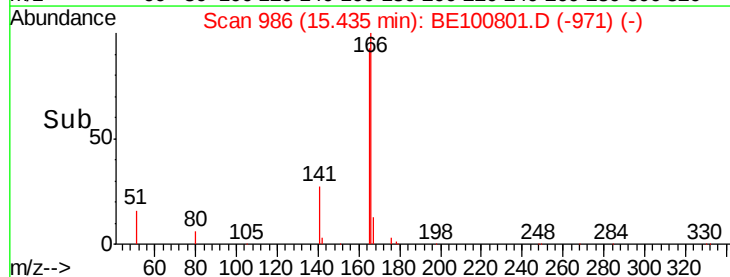
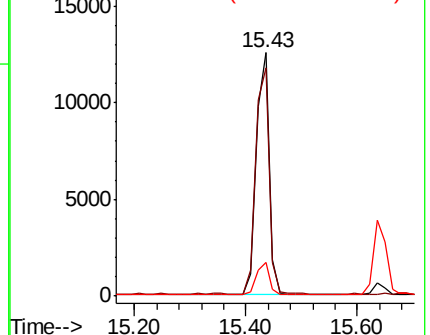
167 13.6 10.7 16.1



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

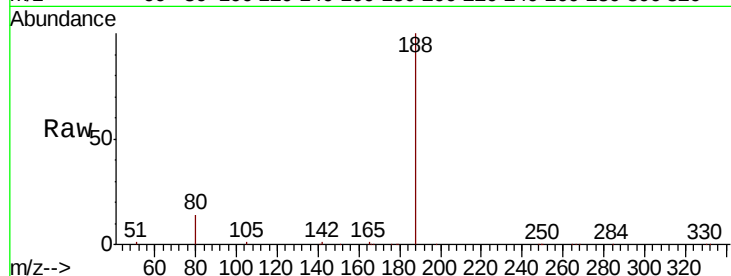
Tot Ion:188 Resp: 32645

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

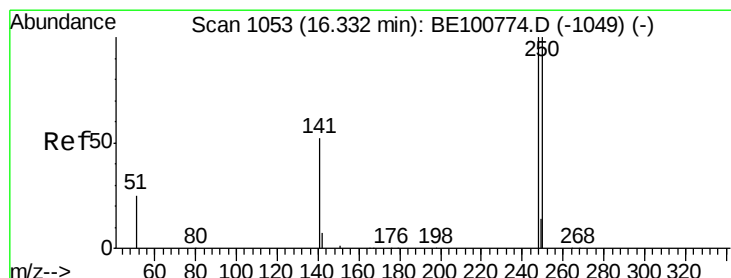
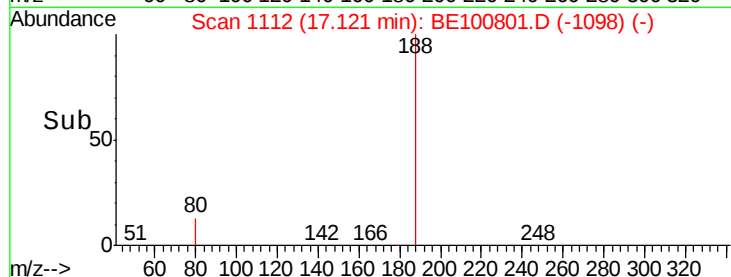
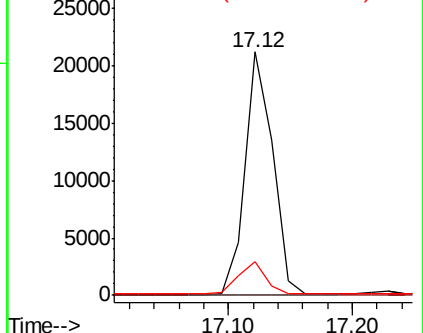
80 13.7 5.2 7.8#



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: 0.386 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

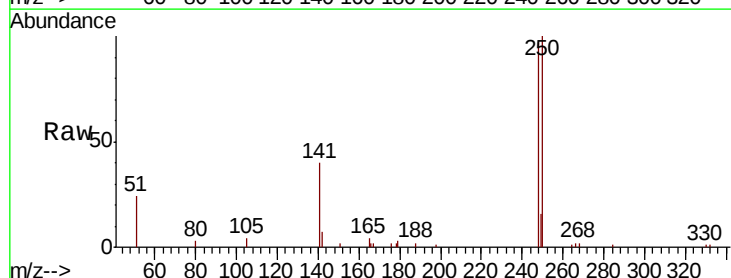
Tgt Ion:248 Resp: 6186

Ion Ratio Lower Upper

248 100

250 103.3 80.5 120.7

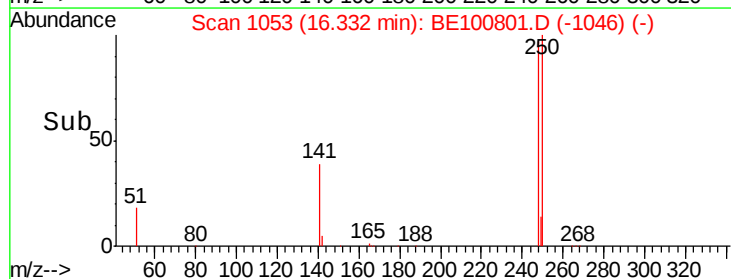
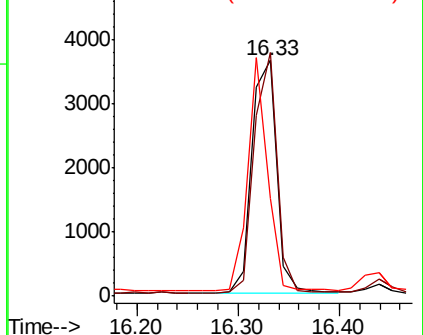
141 41.6 42.6 64.0#

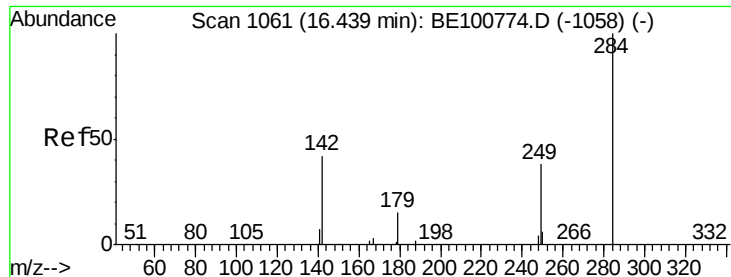


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.350 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

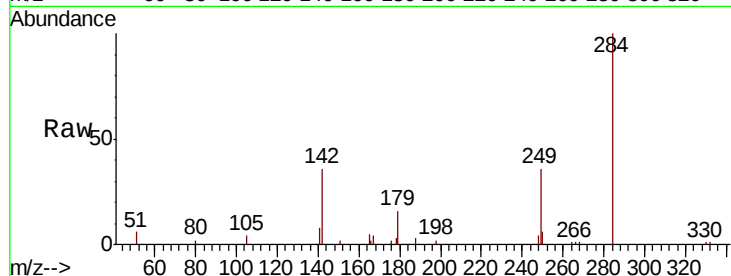
Tot Ion:284 Resp: 6082

Ion Ratio Lower Upper

284 100

142 43.6 34.4 51.6

249 34.8 28.5 42.7

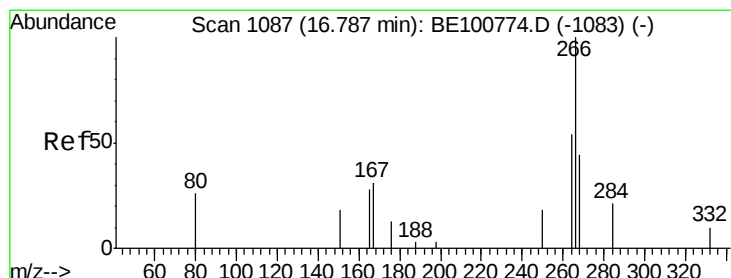
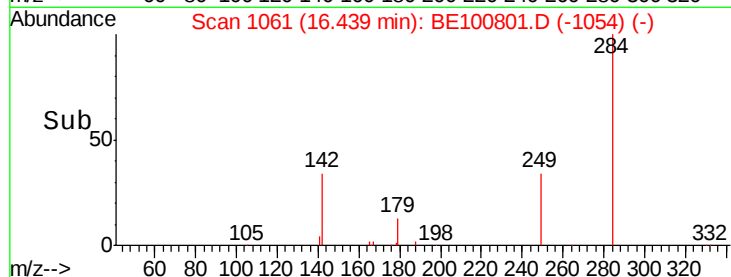
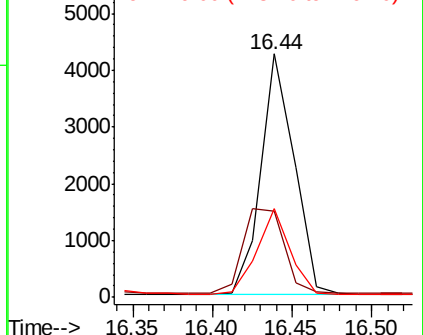


Abundance

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: 2.040 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

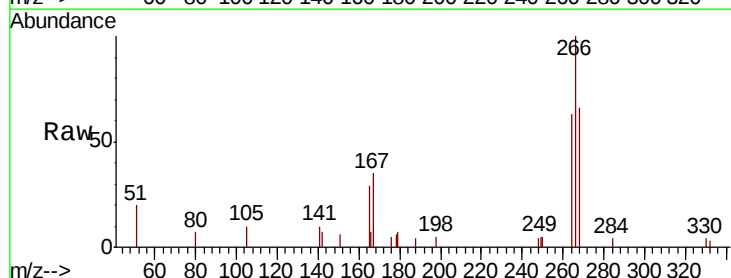
Tgt Ion:266 Resp: 2455

Ion Ratio Lower Upper

266 100

264 62.6 63.4 95.0#

268 65.5 65.8 98.8#

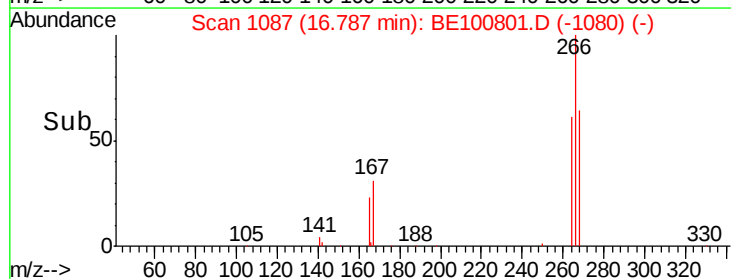
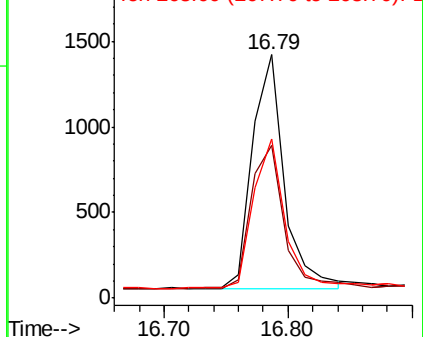


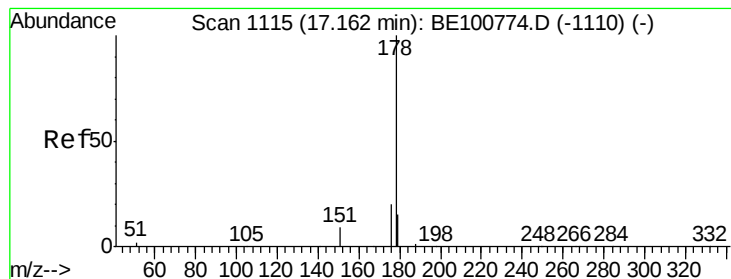
Abundance

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: 0.396 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

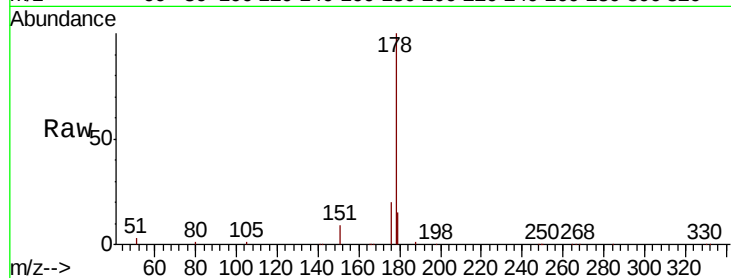
Tot Ion:178 Resp: 39198

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

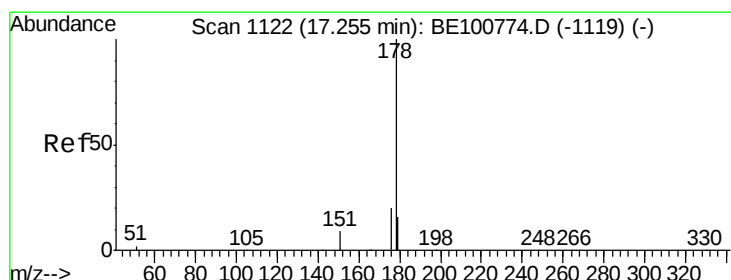
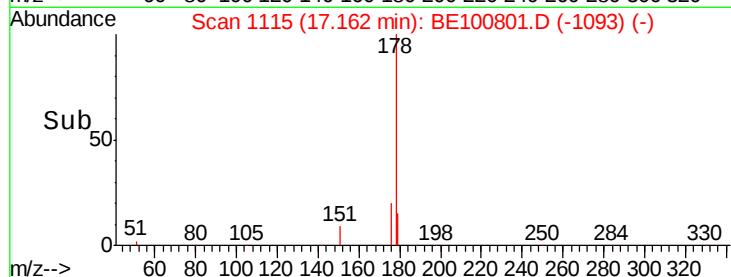
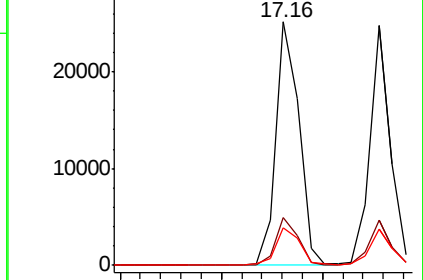
179 15.3 12.3 18.5



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: 0.416 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

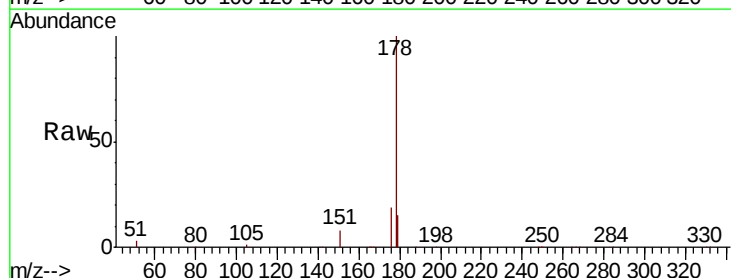
Tgt Ion:178 Resp: 34393

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

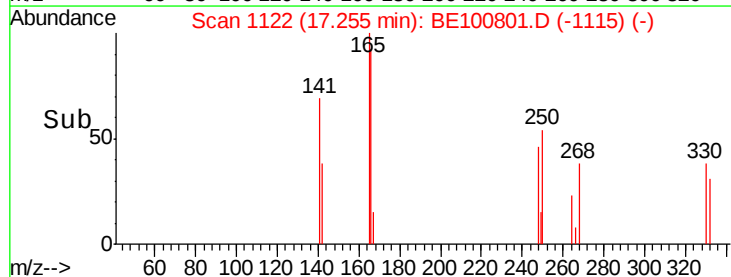
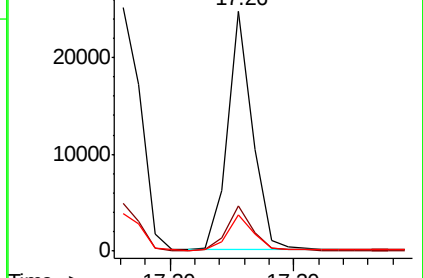
179 15.5 12.7 19.1

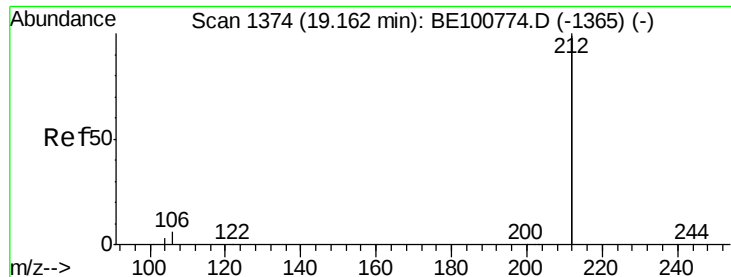


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

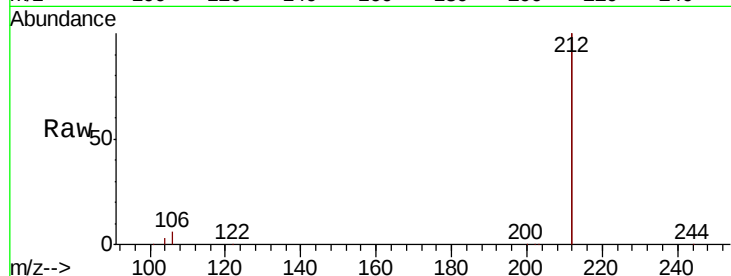
Tot Ion:212 Resp: 157801

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

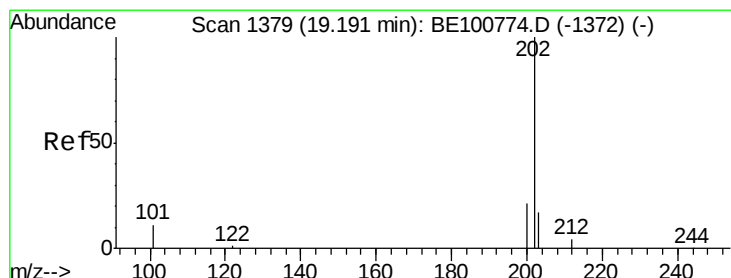
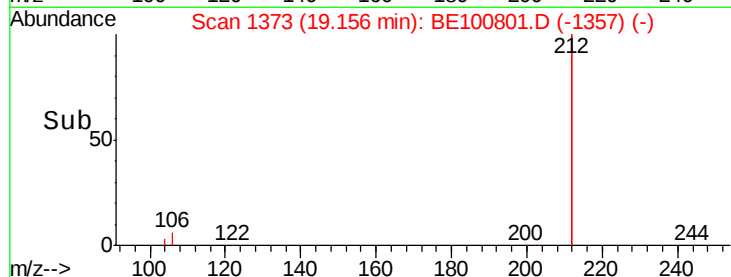
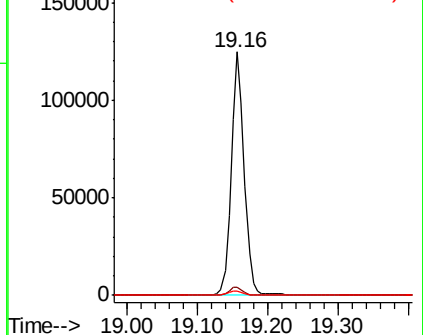
104 1.8 1.4 2.2



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: 0.392 ng

RT: 19.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

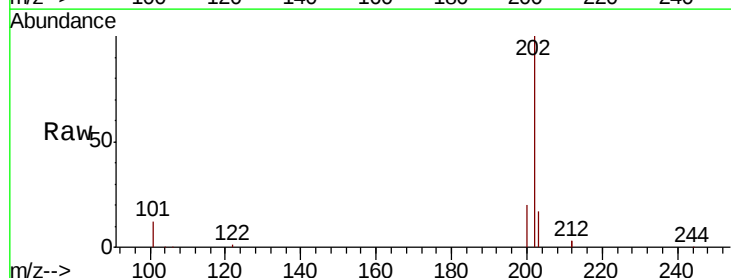
Tgt Ion:202 Resp: 46247

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

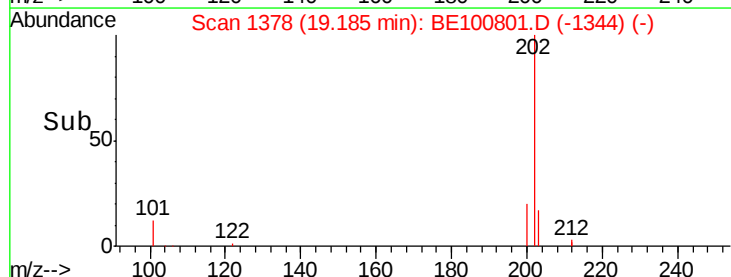
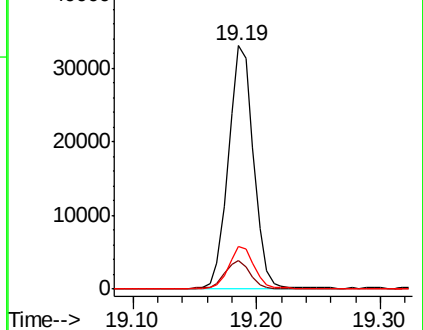
203 17.2 13.8 20.6



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

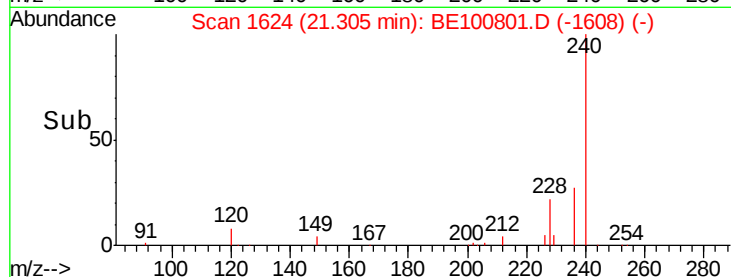
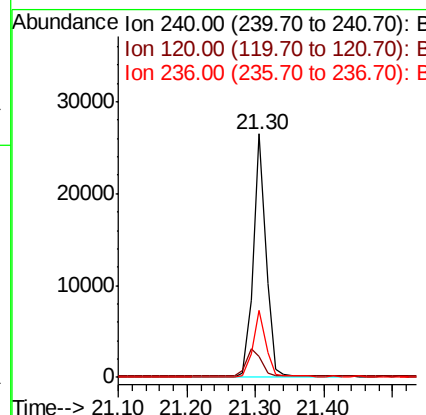
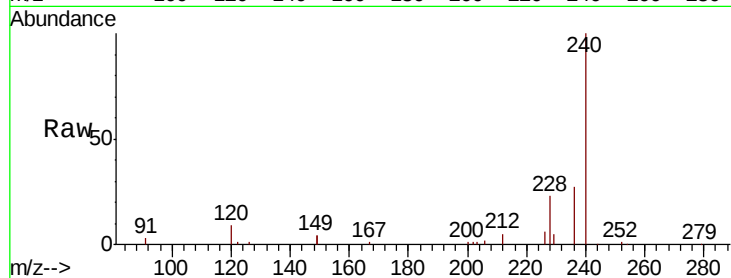




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

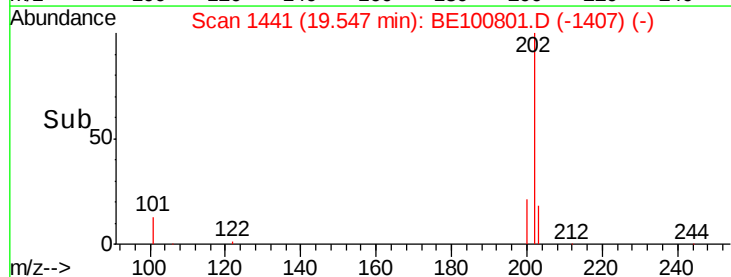
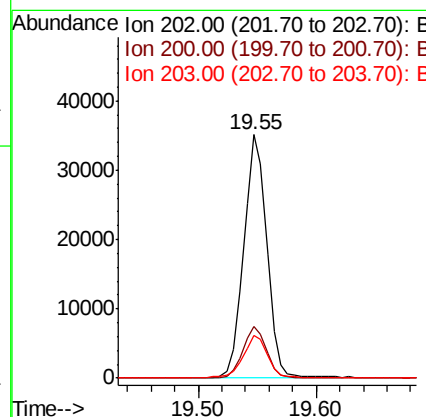
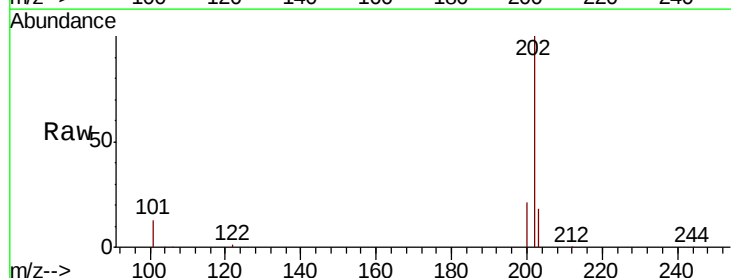
Instrument :
 BNA_E
 ClientSampleId :
 PB125273BSD

Tot Ion:240 Resp: 34124
 Ion Ratio Lower Upper
 240 100
 120 8.7 10.2 15.2#
 236 27.3 22.3 33.5



#28
 Pyrene
 Concen: 0.423 ng
 RT: 19.55 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BE100801.D
 Acq: 6 Dec 2019 11:08

Tgt Ion:202 Resp: 46947
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 18.0 13.9 20.9





#29

Terphenyl-d14

Concen: 0.473 ng

RT: 19.77 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

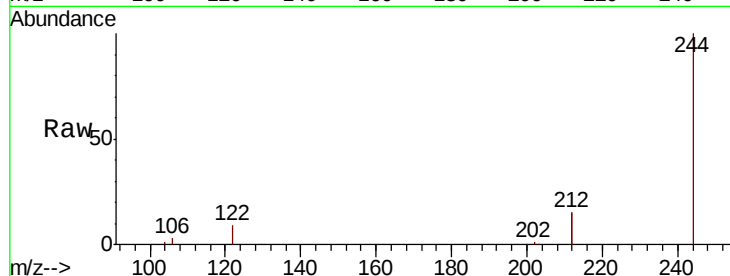
Tot Ion:244 Resp: 38662

Ion Ratio Lower Upper

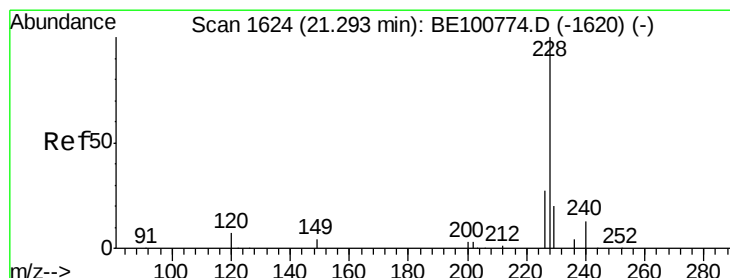
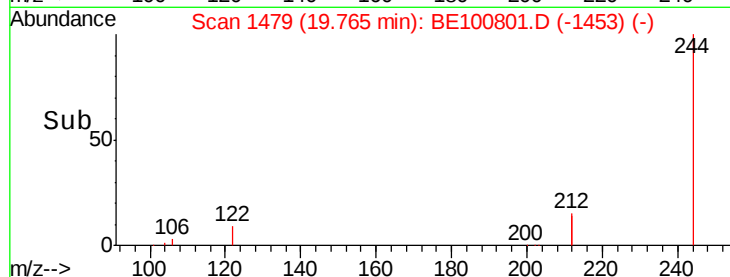
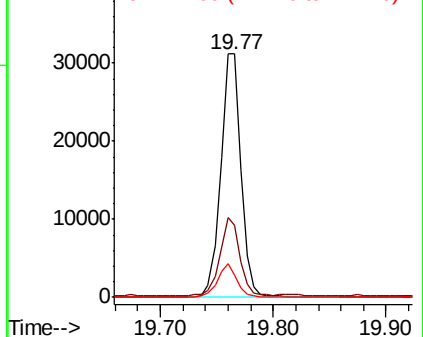
244 100

212 29.9 26.2 39.4

122 9.3 10.2 15.4#



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: 0.454 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

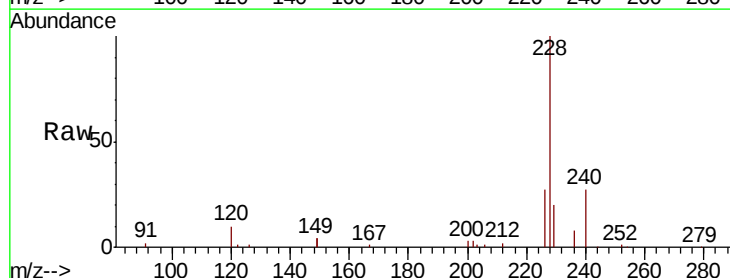
Tgt Ion:228 Resp: 45649

Ion Ratio Lower Upper

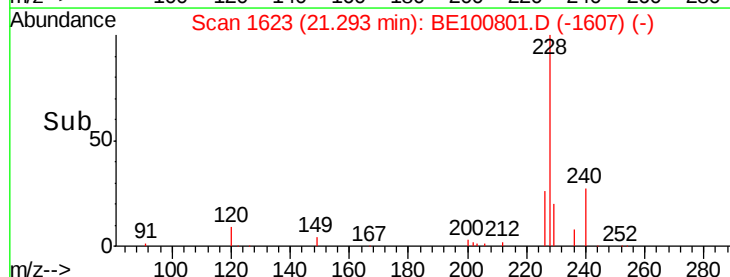
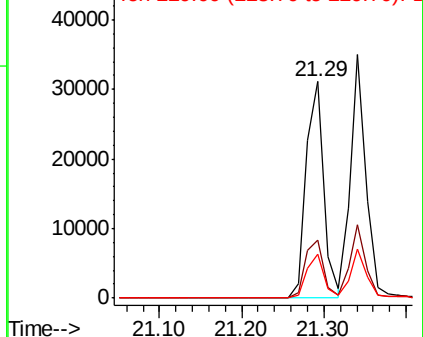
228 100

226 26.6 21.5 32.3

229 20.1 16.0 24.0



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: 0.387 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

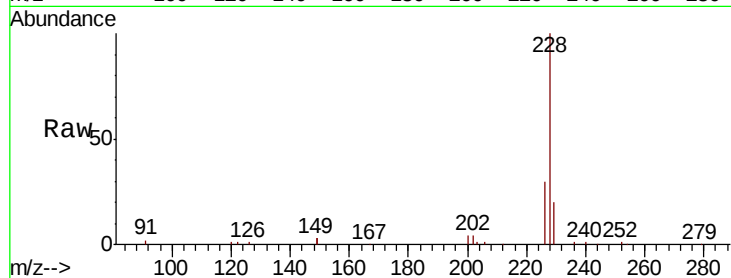
Tot Ion:228 Resp: 45725

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

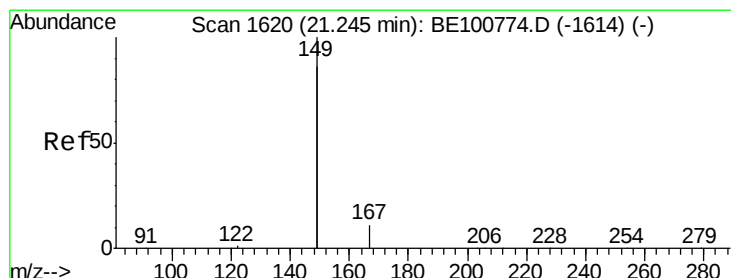
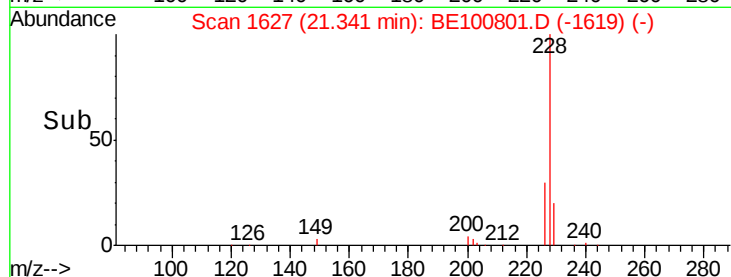
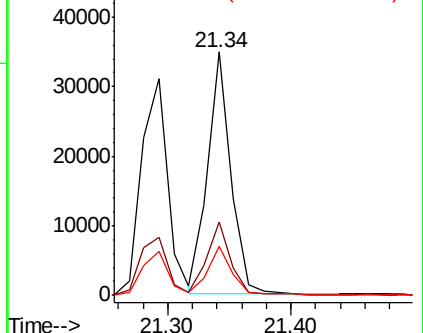
229 20.0 15.4 23.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.272 ng

RT: 21.24 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

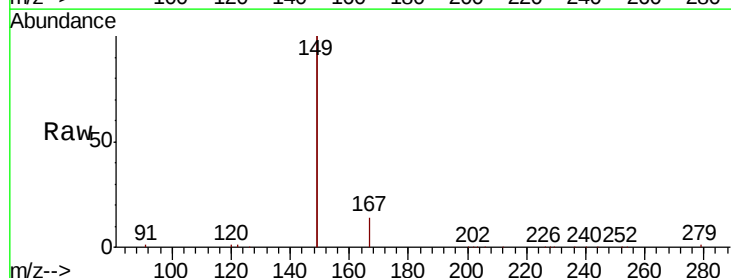
Tgt Ion:149 Resp: 104893

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

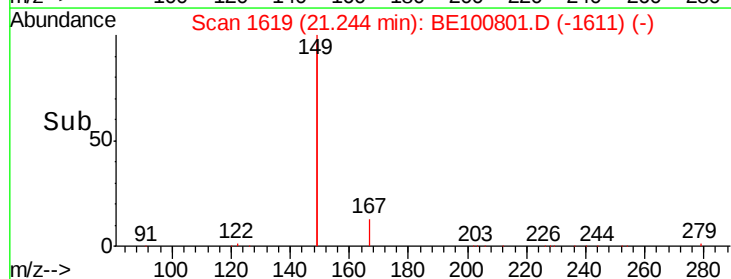
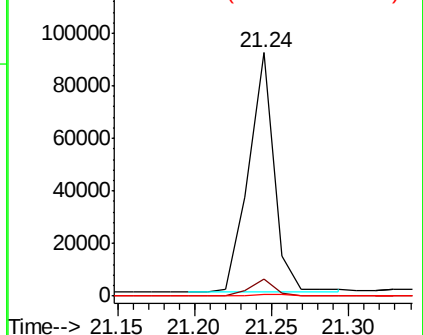
279 0.8 0.7 1.1



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

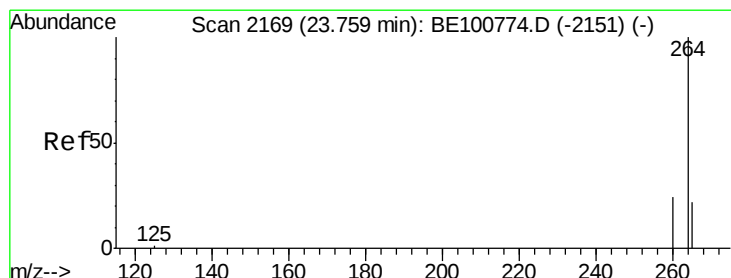
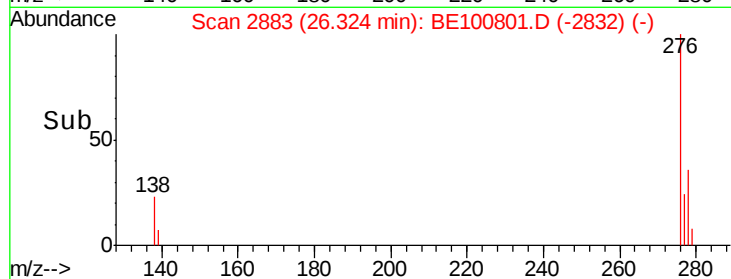
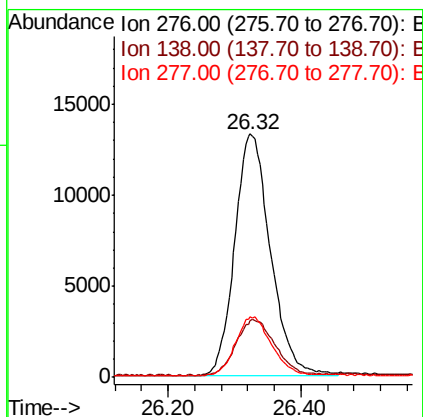
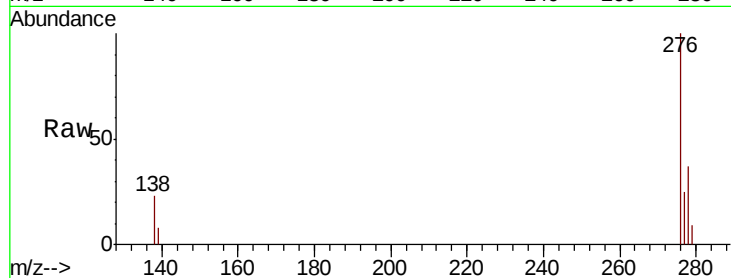




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng
RT: 26.32 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

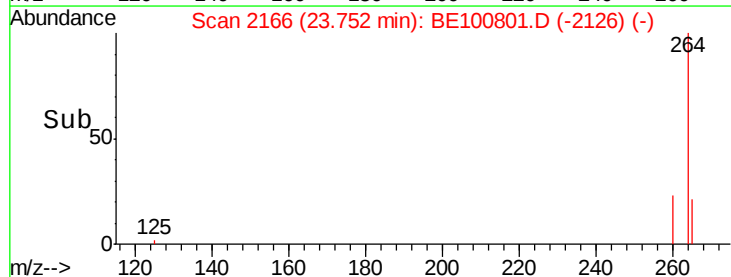
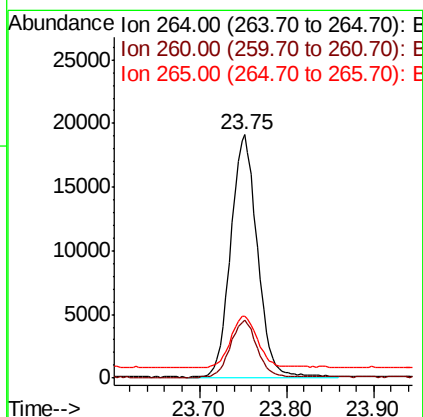
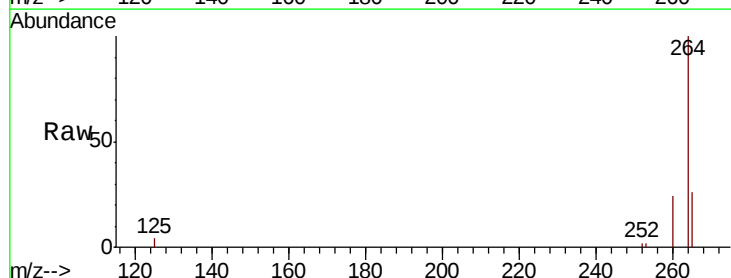
Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion:276 Resp: 49906
Ion Ratio Lower Upper
276 100
138 24.9 19.4 29.0
277 24.6 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:264 Resp: 40254
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 25.6 21.8 32.8

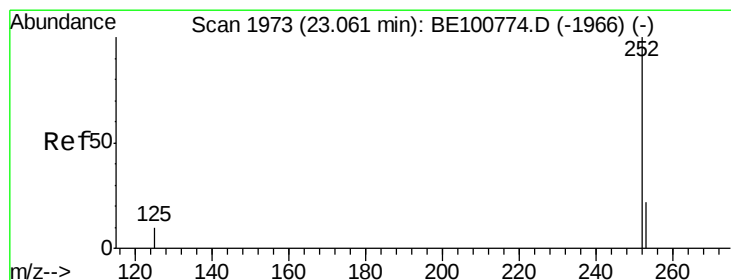
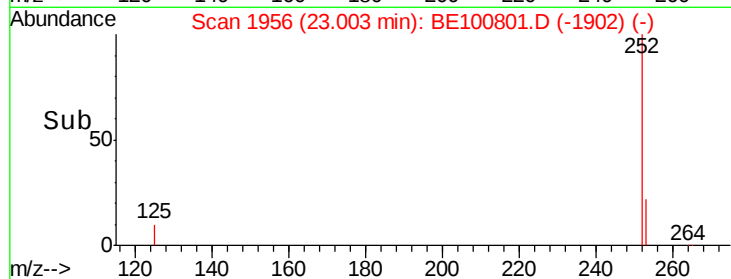
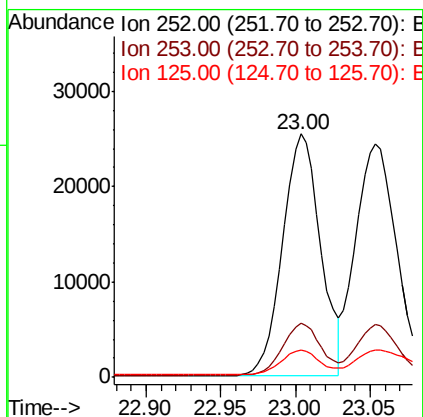
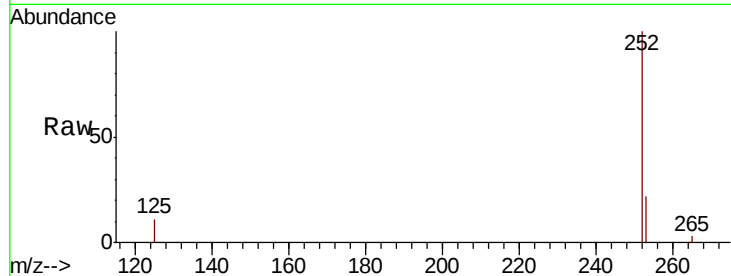




#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

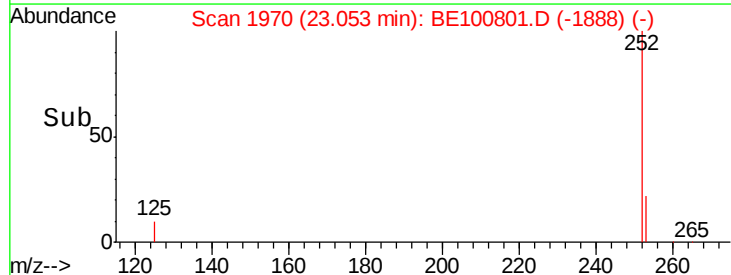
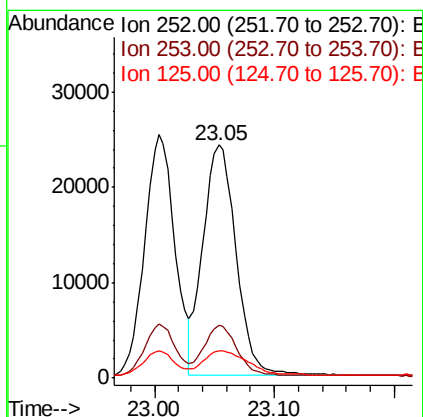
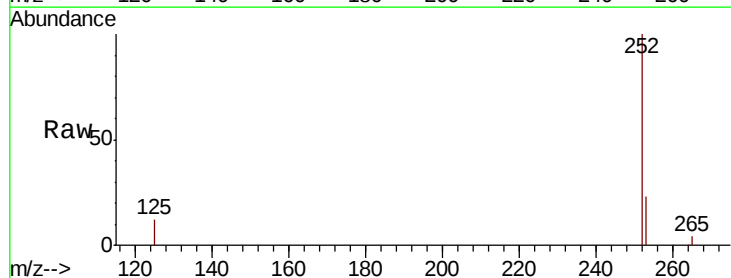
Instrument :
BNA_E
ClientSampleId :
PB125273BSD

Tot Ion:252 Resp: 44938
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.2 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 0.376 ng
RT: 23.05 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE100801.D
Acq: 6 Dec 2019 11:08

Tgt Ion:252 Resp: 46520
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.6 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.451 ng

RT: 23.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

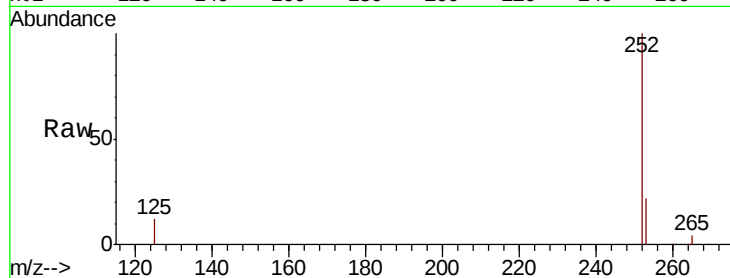
Tot Ion:252 Resp: 43030

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

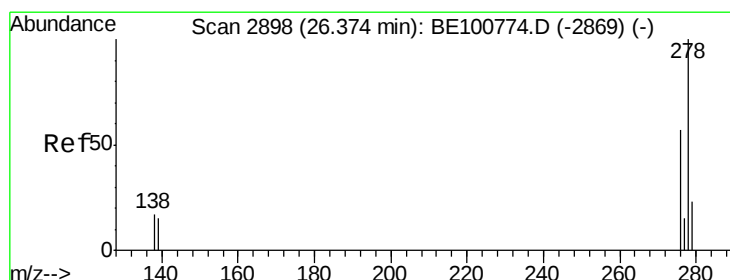
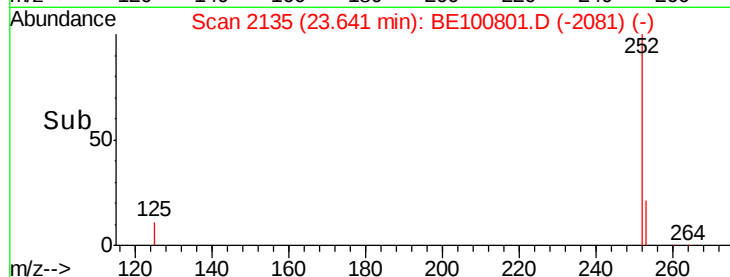
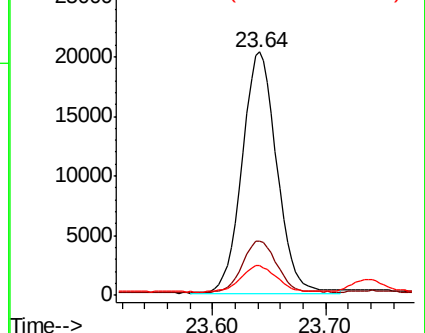
125 12.0 10.4 15.6



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: 0.439 ng

RT: 26.35 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

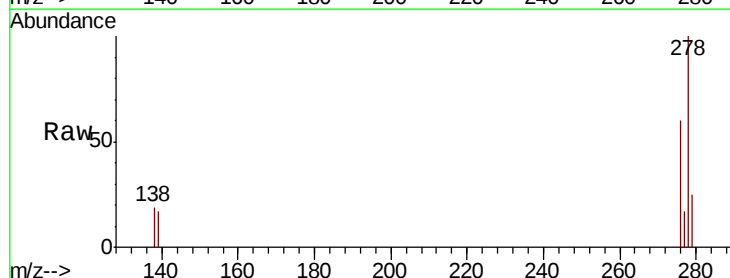
Tgt Ion:278 Resp: 41684

Ion Ratio Lower Upper

278 100

139 16.7 13.0 19.4

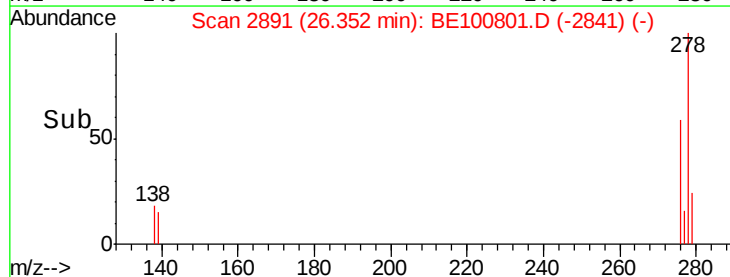
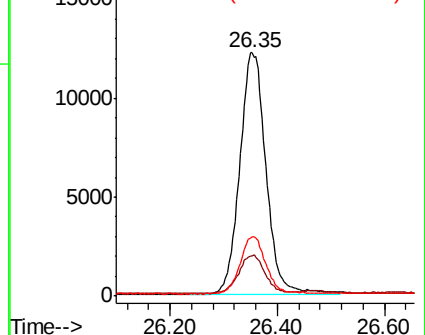
279 24.5 19.6 29.4



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: 0.425 ng

RT: 27.12 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BE100801.D

Acq: 6 Dec 2019 11:08

Instrument :

BNA_E

ClientSampleId :

PB125273BSD

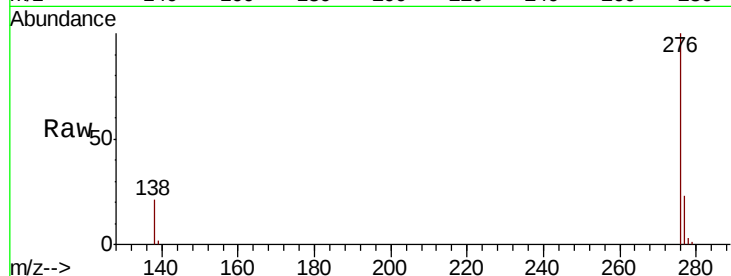
Tot Ion: 276 Resp: 43120

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 21.4 17.8 26.6



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

