

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100806.D
 Acq On : 10 Dec 2019 11:32
 Operator : JU
 Sample : PB125315BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125315BS

Quant Time: Dec 10 14:09:03 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	5720	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	27981	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	16128	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34414	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	30512	0.40	ng	0.00
34) Perylene-d12	23.75	264	37092	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	6283	0.46	ng	0.00
5) Phenol-d6	6.93	99	9696	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	7459	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15902	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1196	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	23088	0.36	ng	-0.01
25) Fluoranthene-d10	19.16	212	132222	0.33	ng	0.00
29) Terphenyl-d14	19.76	244	28306	0.39	ng	0.00

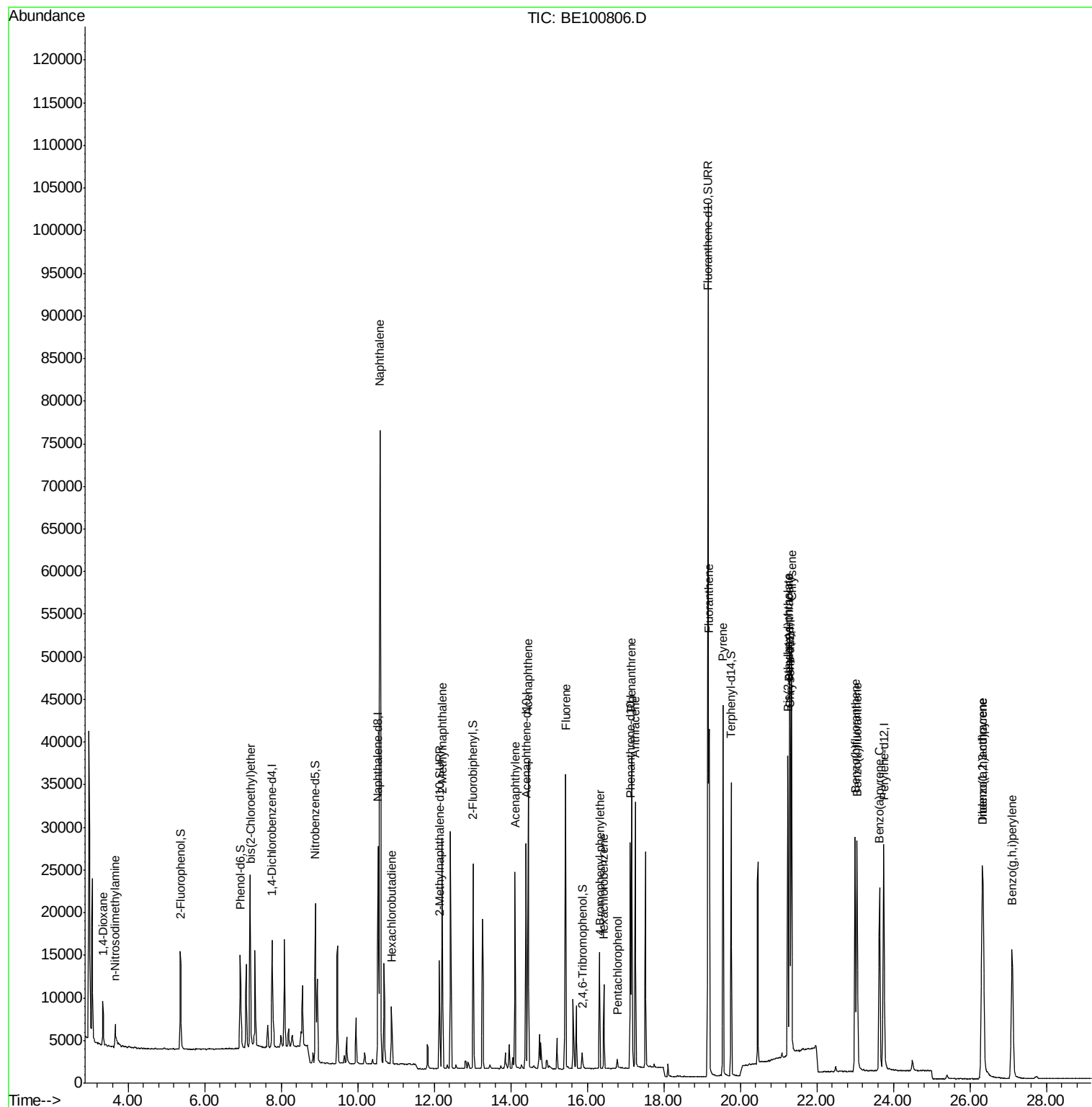
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3802	0.365	ng	96
3) n-Nitrosodimethylamine	3.65	42	3272	0.385	ng	97
6) bis(2-Chloroethyl)ether	7.19	93	7725	0.390	ng	99
9) Naphthalene	10.59	128	114202	0.384	ng	100
10) Hexachlorobutadiene	10.89	225	4363	0.376	ng	100
12) 2-Methylnaphthalene	12.21	142	18027	0.388	ng	97
16) Acenaphthylene	14.11	152	24675	0.370	ng	99
17) Acenaphthene	14.46	154	17305	0.376	ng	99
18) Fluorene	15.43	166	21559	0.364	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	6223	0.369	ng	# 91
21) Hexachlorobenzene	16.44	284	7006	0.382	ng	99
22) Pentachlorophenol	16.79	266	748	0.590	ng	# 84
23) Phenanthrene	17.16	178	38433	0.369	ng	100
24) Anthracene	17.25	178	31198	0.358	ng	98
26) Fluoranthene	19.18	202	39795	0.320	ng	100
28) Pyrene	19.55	202	38962	0.393	ng	100
30) Benzo(a)anthracene	21.28	228	37335	0.415	ng	98
31) Chrysene	21.34	228	39759	0.376	ng	97
32) Bis(2-ethylhexyl)phthalate	21.25	149	46847	0.721	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	42110	0.457	ng	100
35) Benzo(b)fluoranthene	23.00	252	37328	0.368	ng	100
36) Benzo(k)fluoranthene	23.05	252	39449	0.346	ng	99
37) Benzo(a)pyrene	23.64	252	34036	0.387	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	34150	0.390	ng	99
39) Benzo(g,h,i)perylene	27.10	276	36123	0.386	ng	99

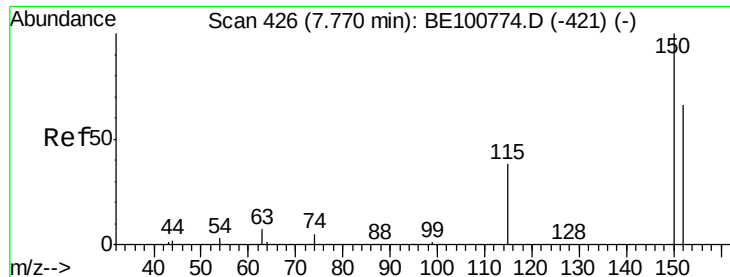
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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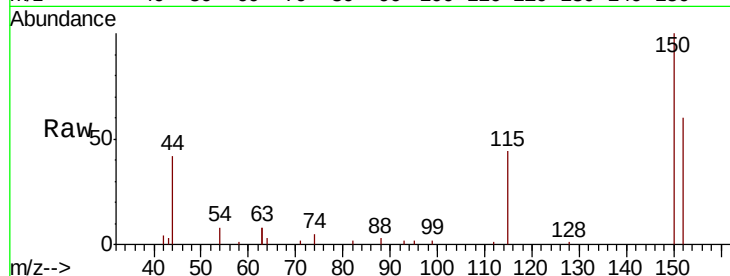


#1

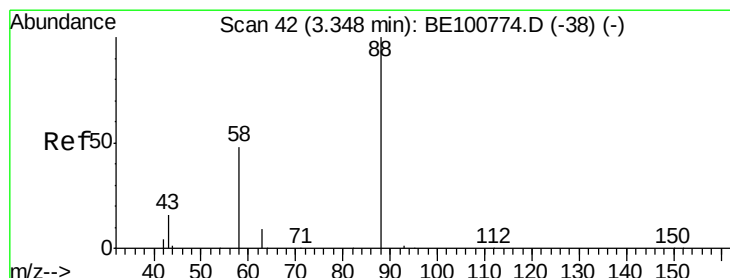
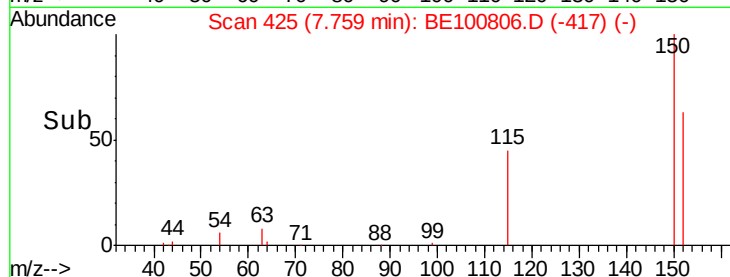
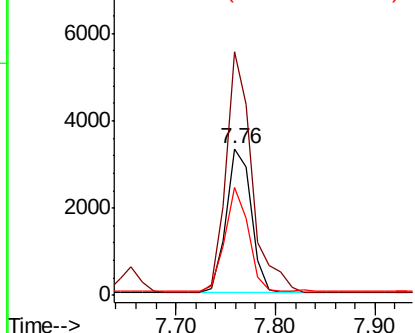
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

Instrument :
 BNA_E
 ClientSampleId :
 PB125315BS

Tot Ion:152 Resp: 5720
 Ion Ratio Lower Upper
 152 100
 150 166.0 120.6 181.0
 115 73.9 47.4 71.2#



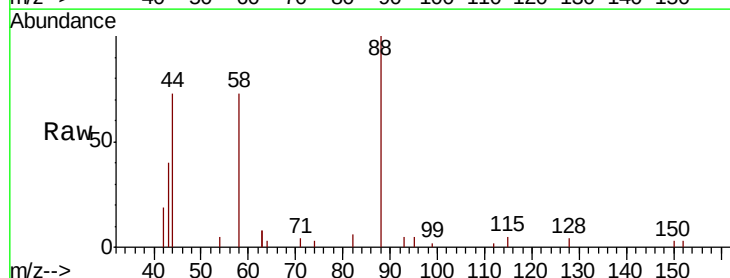
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



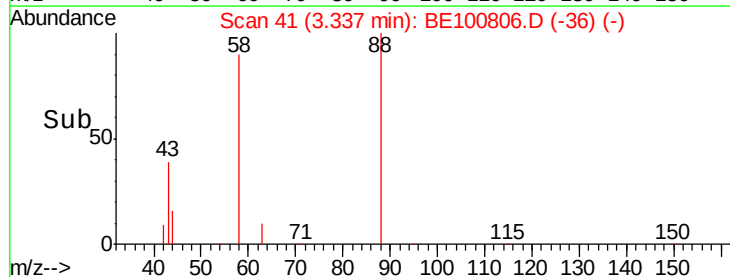
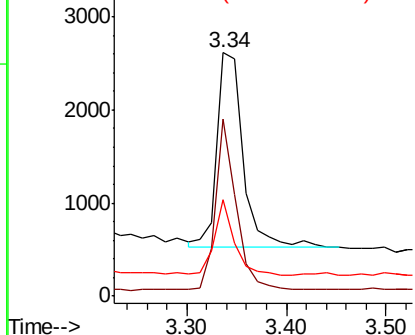
#2

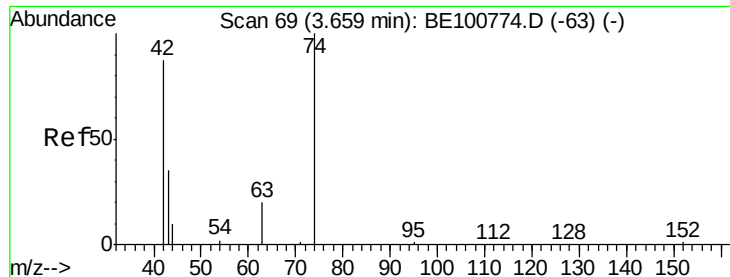
1,4-Dioxane
 Concen: 0.365 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

Tgt Ion: 88 Resp: 3802
 Ion Ratio Lower Upper
 88 100
 58 69.3 52.5 78.7
 43 29.4 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: 0.385 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

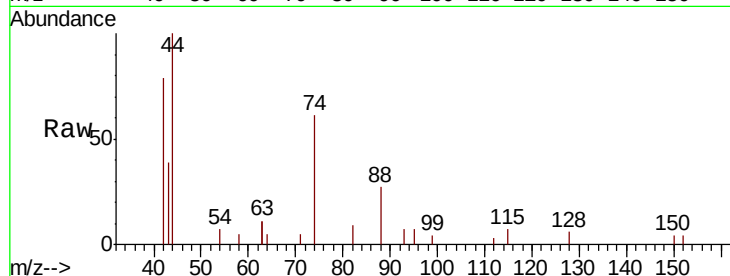
Tot Ion: 42 Resp: 3272

Ion Ratio Lower Upper

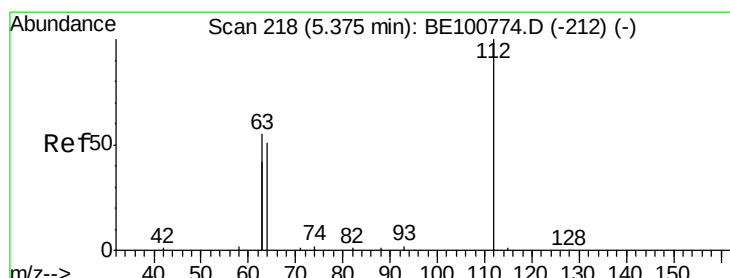
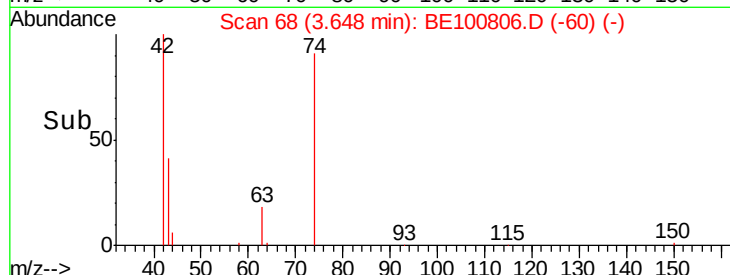
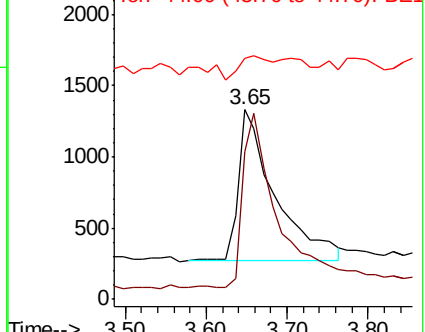
42 100

74 111.7 86.3 129.5

44 14.1 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: 0.463 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

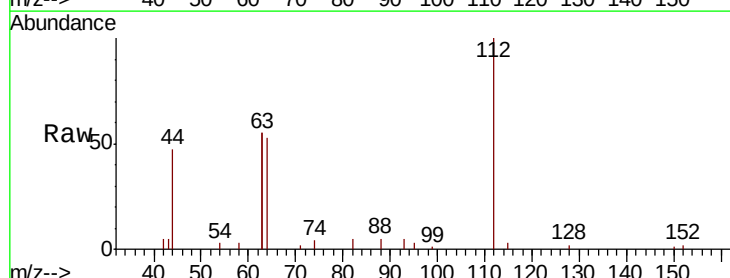
Tgt Ion: 112 Resp: 6283

Ion Ratio Lower Upper

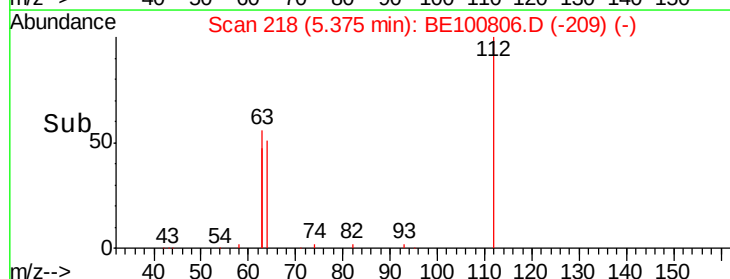
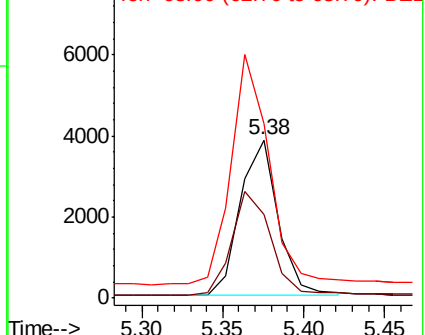
112 100

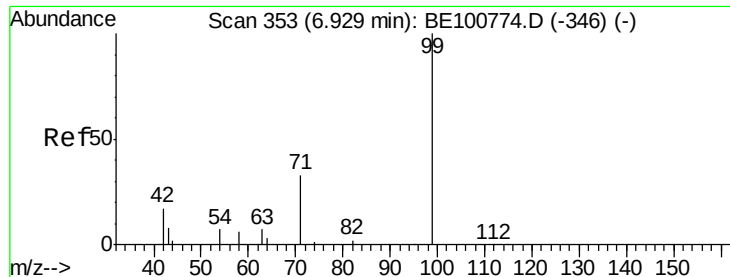
64 67.8 54.1 81.1

63 146.2 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.473 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

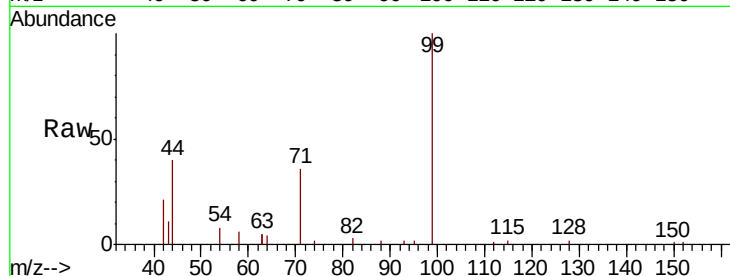
Tot Ion: 99 Resp: 9696

Ion Ratio Lower Upper

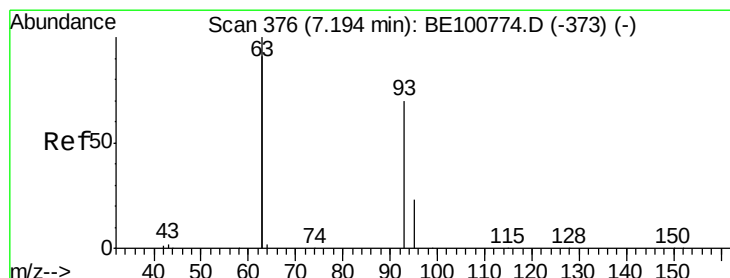
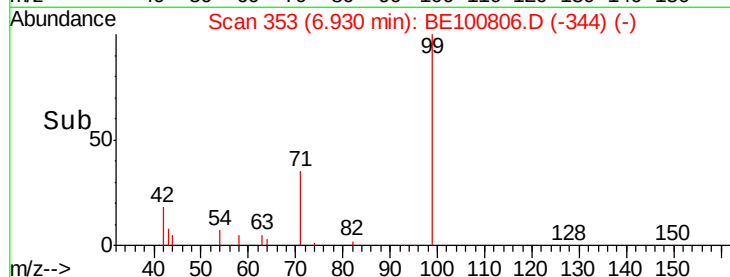
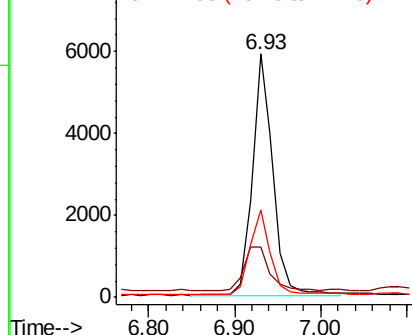
99 100

42 22.2 19.1 28.7

71 35.6 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: 0.390 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

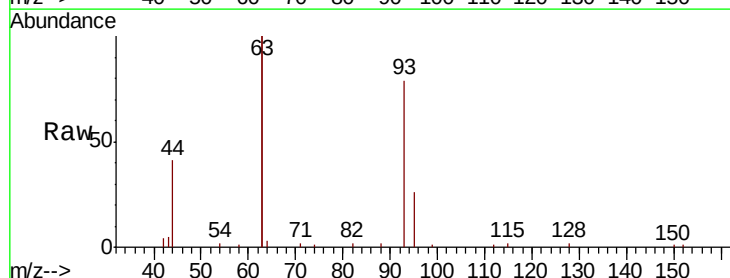
Tgt Ion: 93 Resp: 7725

Ion Ratio Lower Upper

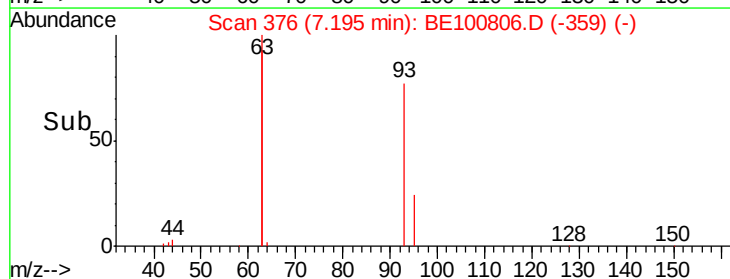
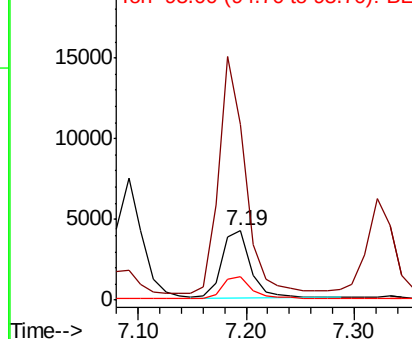
93 100

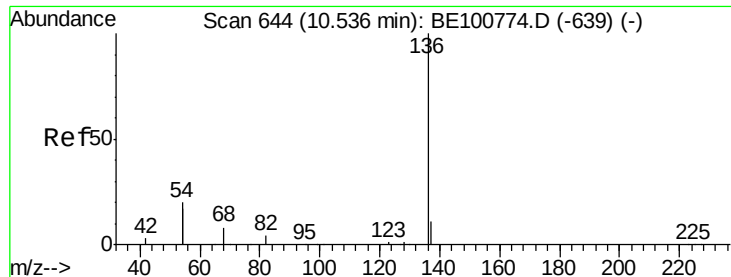
63 326.0 259.4 389.0

95 32.6 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: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

Tot Ion:136 Resp: 27981

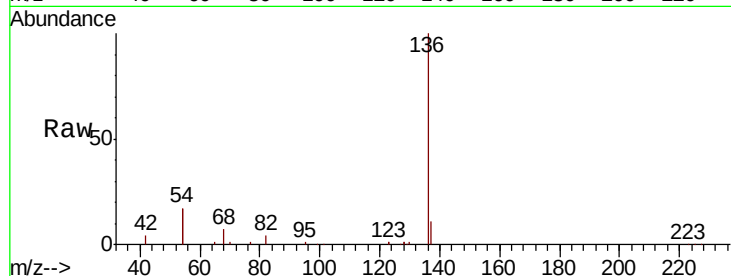
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.0

54 34.0 31.1 46.7

68 7.4 6.6 10.0

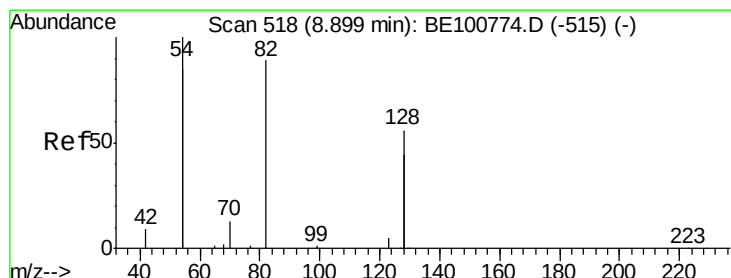
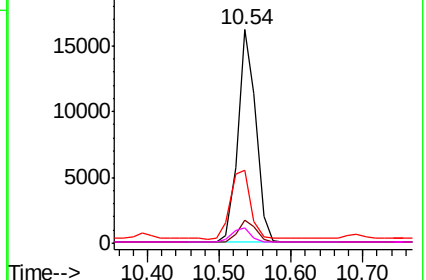
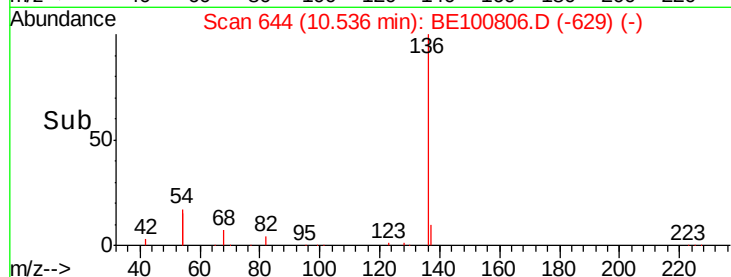


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.560 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

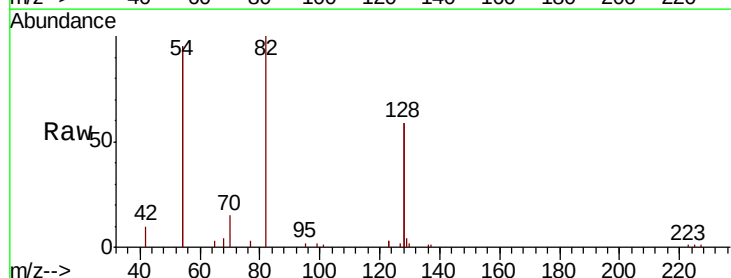
Tgt Ion: 82 Resp: 7459

Ion Ratio Lower Upper

82 100

128 118.2 97.0 145.4

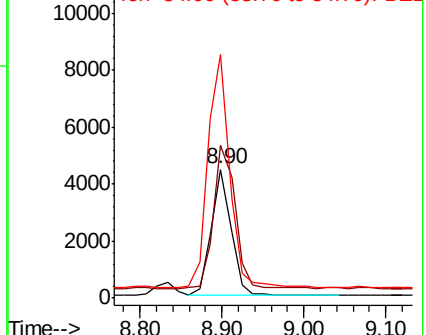
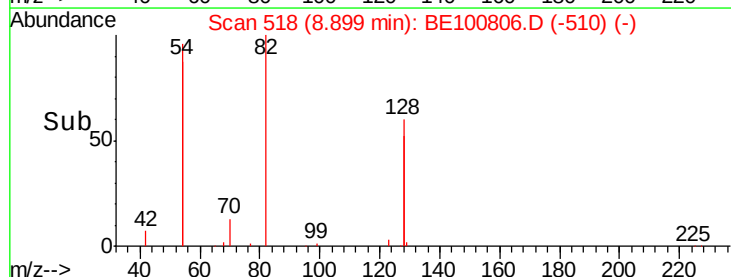
54 189.0 171.8 257.6

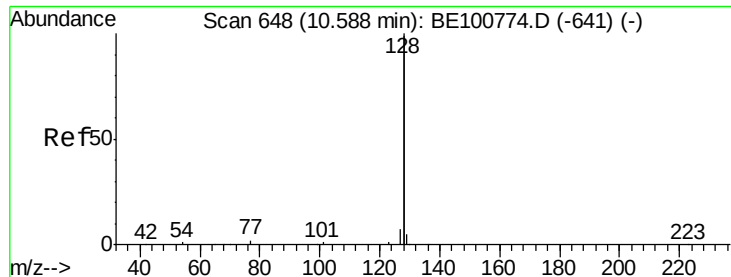


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.384 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

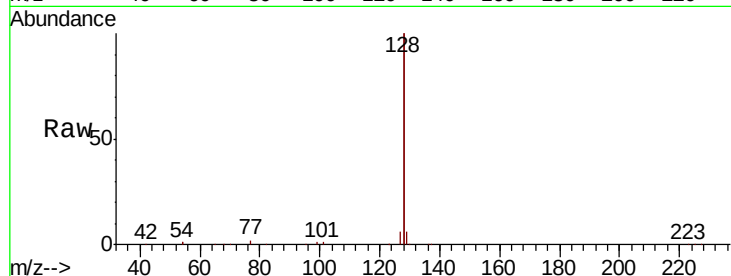
Tot Ion:128 Resp: 114202

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

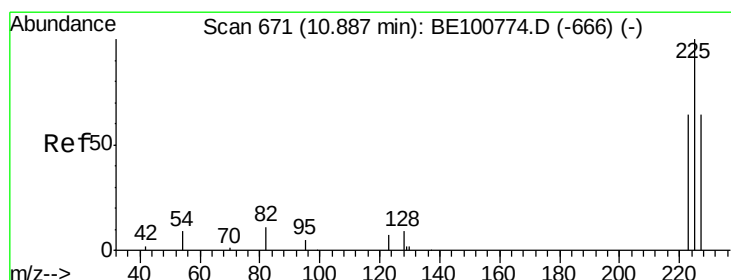
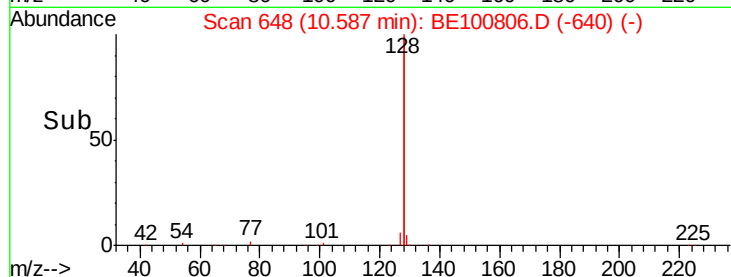
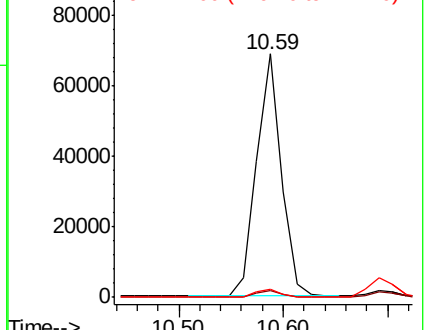
127 3.2 2.7 4.1



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: 0.376 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

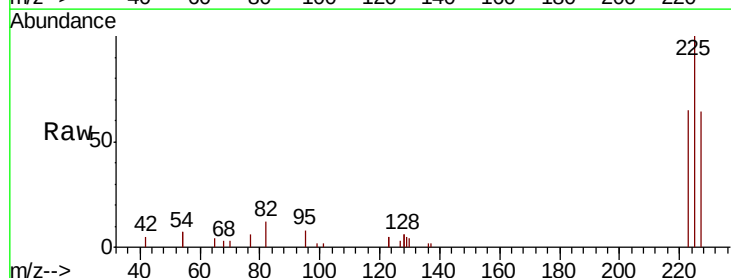
Tgt Ion:225 Resp: 4363

Ion Ratio Lower Upper

225 100

223 62.3 49.9 74.9

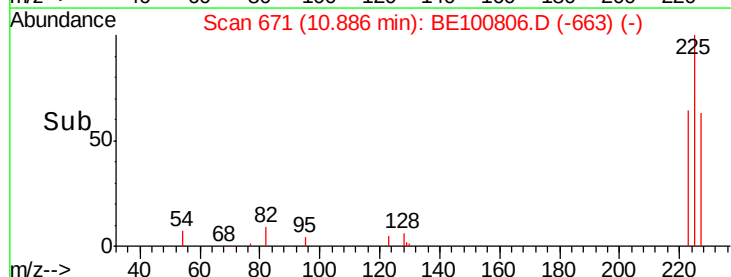
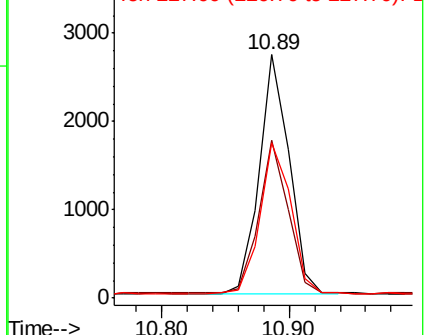
227 65.4 52.2 78.4

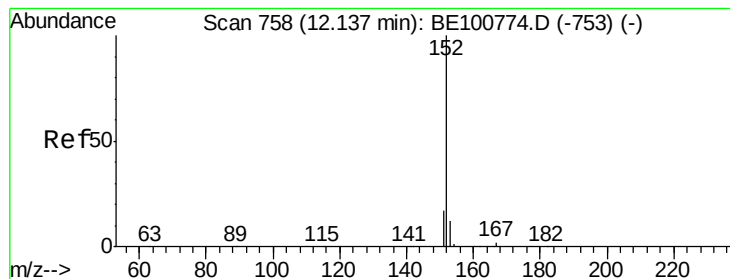


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

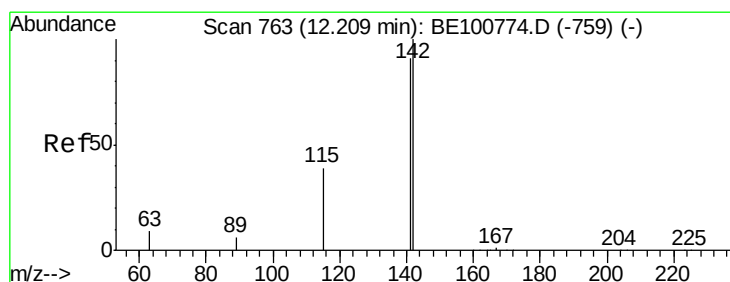
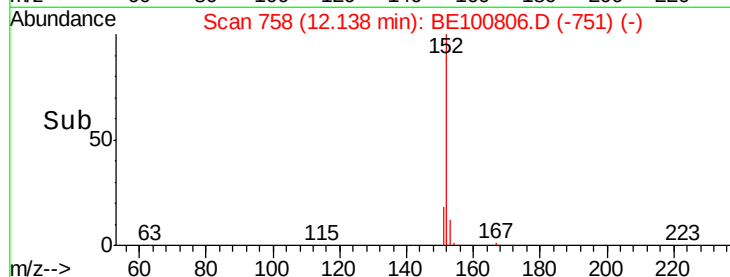
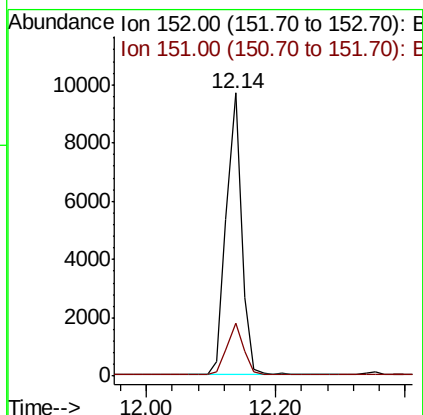
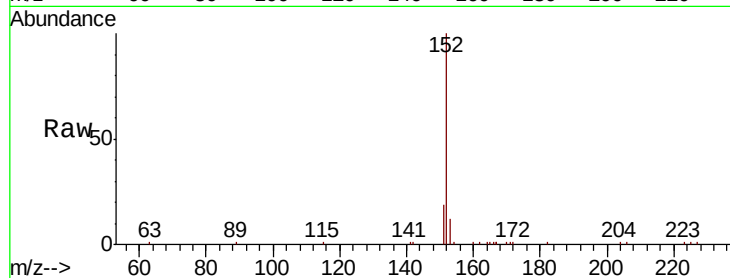




#11
 2-Methylnaphthalene-d10
 Concen: 0.392 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

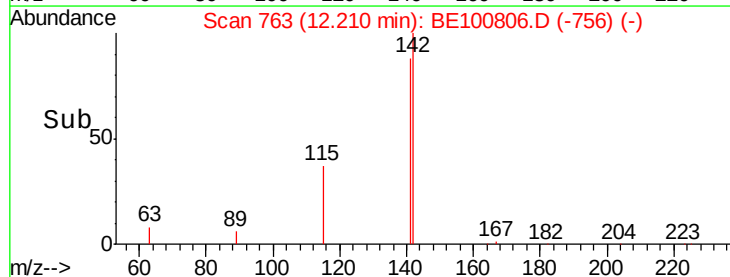
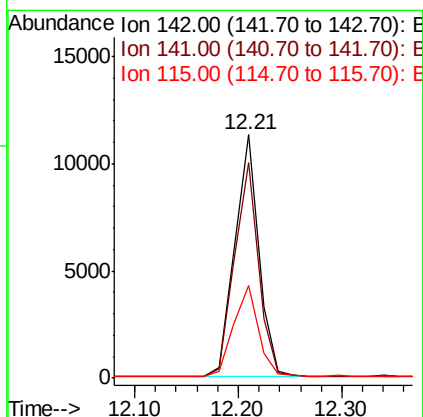
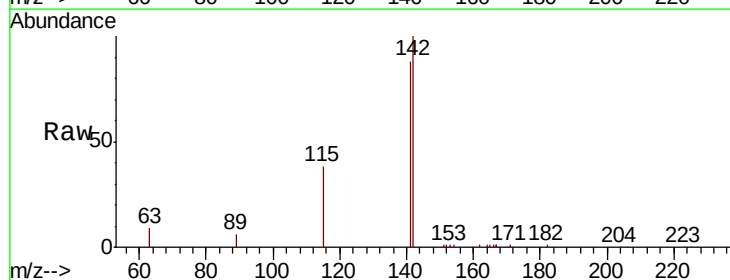
Instrument :
 BNA_E
 ClientSampleId :
 PB125315BS

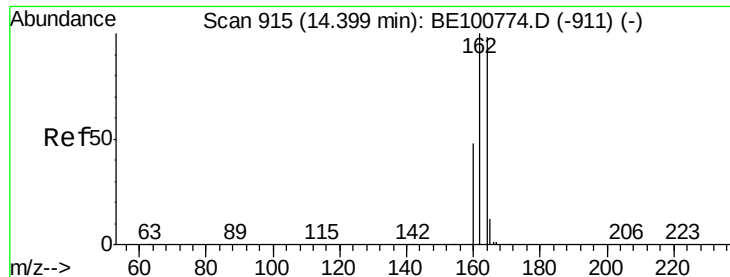
Tot Ion:152 Resp: 15902
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

Tgt Ion:142 Resp: 18027
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.6 108.8
 115 38.0 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: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

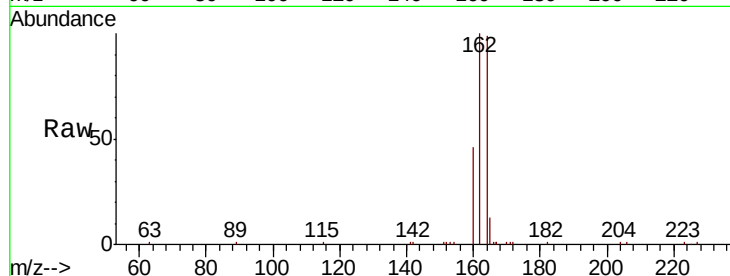
Tot Ion:164 Resp: 16128

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

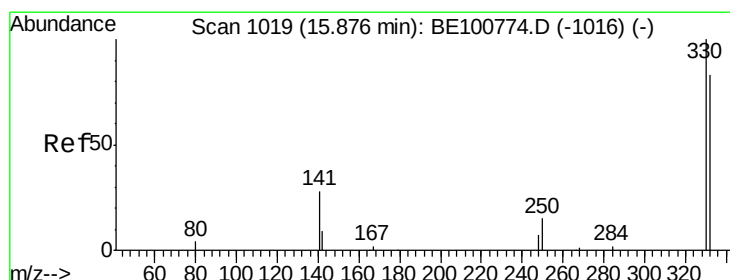
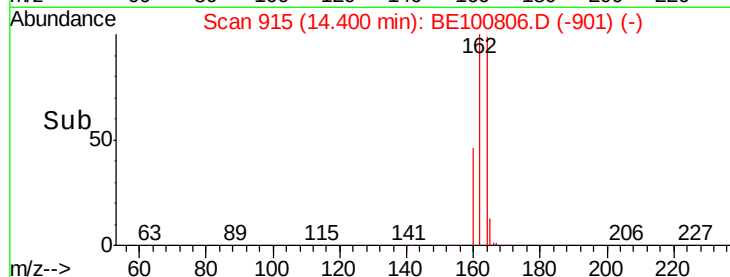
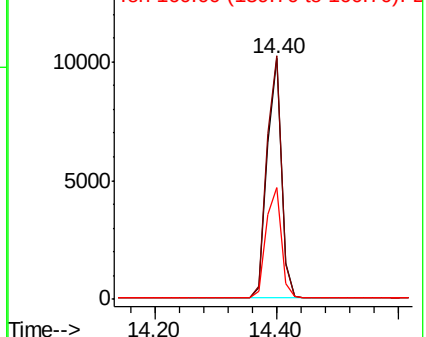
160 46.5 39.4 59.0



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: 0.667 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

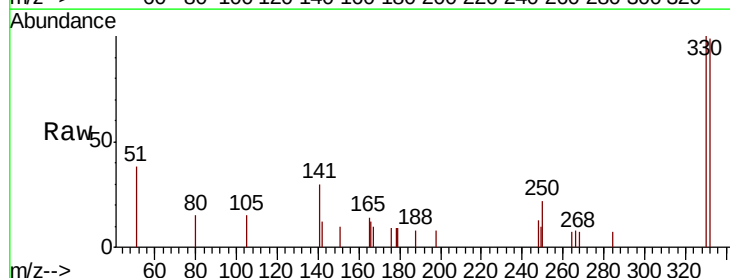
Tgt Ion:330 Resp: 1196

Ion Ratio Lower Upper

330 100

332 96.4 69.4 104.2

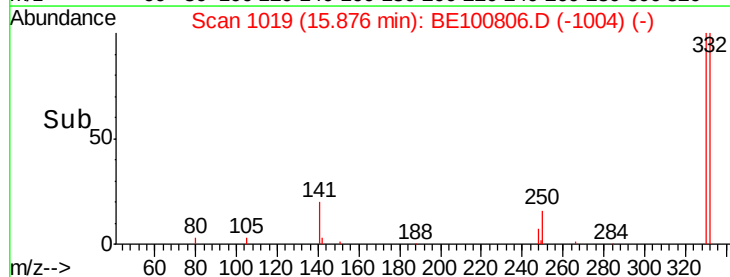
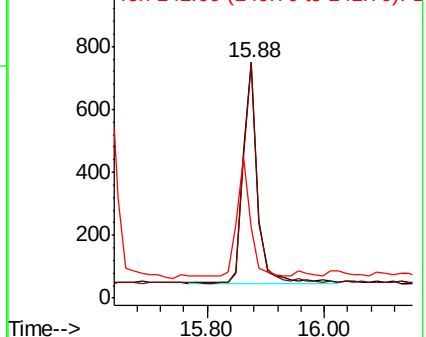
141 53.3 51.1 76.7

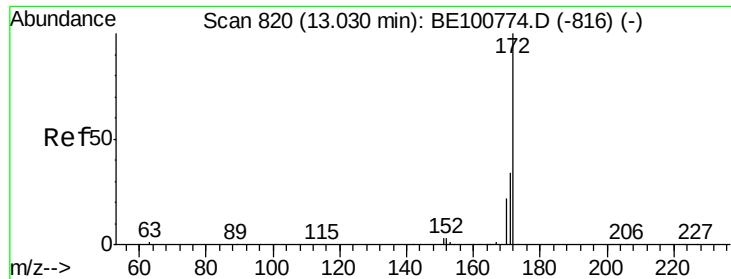


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

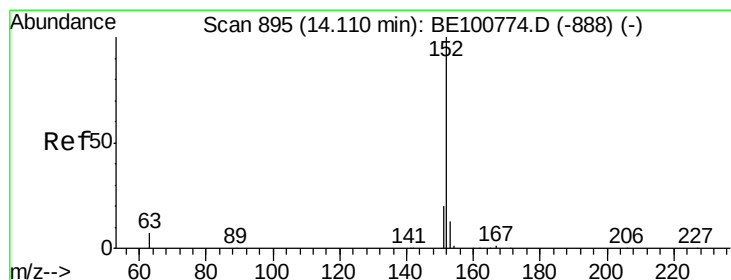
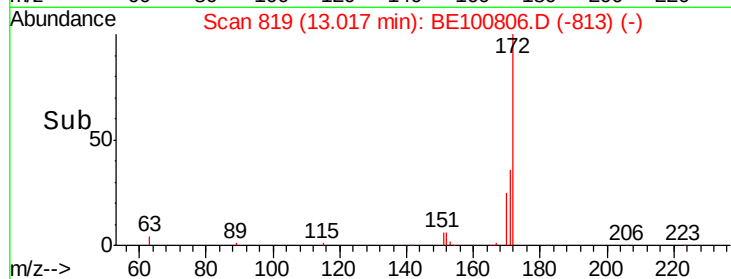
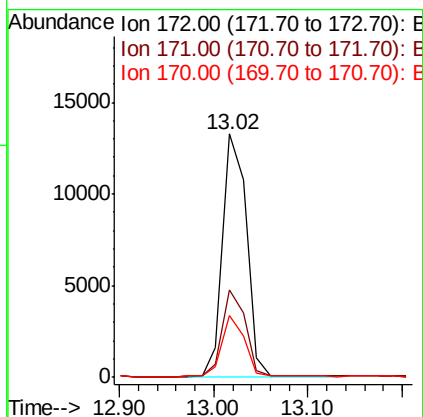
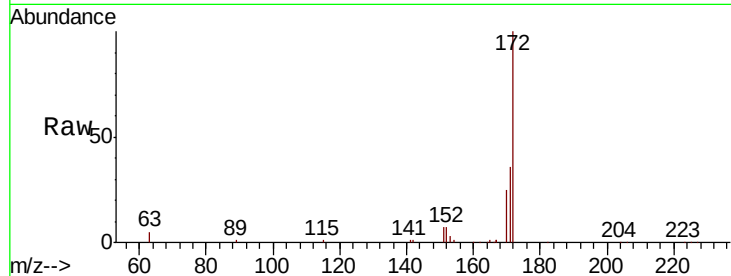




#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

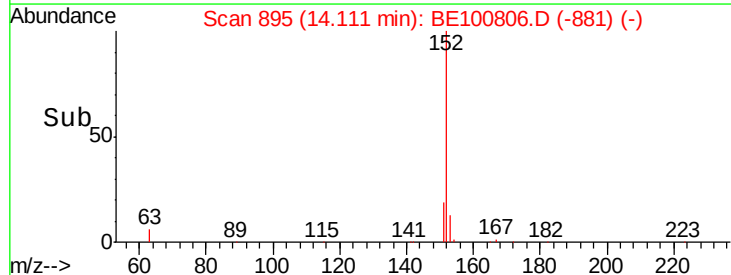
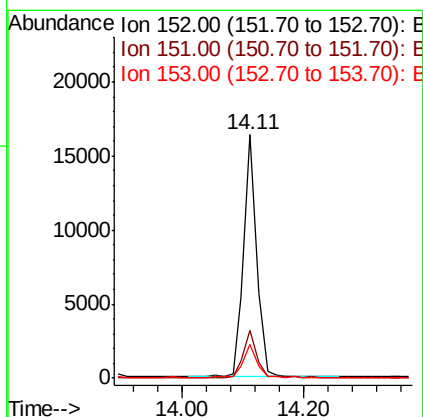
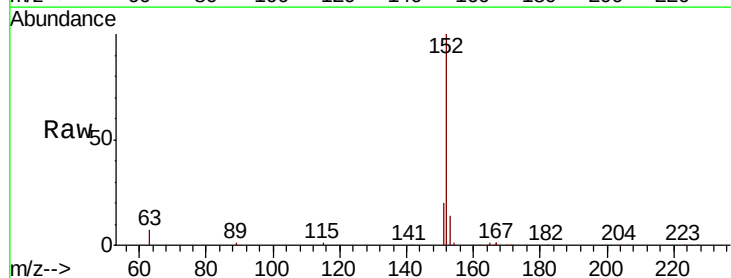
Instrument :
BNA_E
ClientSampleId :
PB125315BS

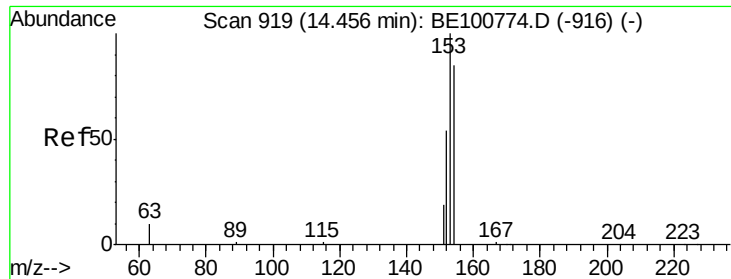
Tot Ion:172 Resp: 23088
Ion Ratio Lower Upper
172 100
171 36.0 27.2 40.8
170 25.4 18.0 27.0



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

Tgt Ion:152 Resp: 24675
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 13.3 10.4 15.6

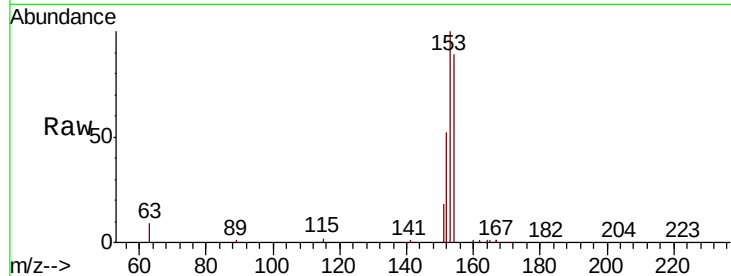




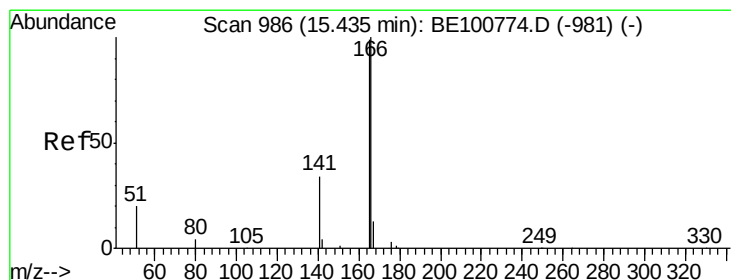
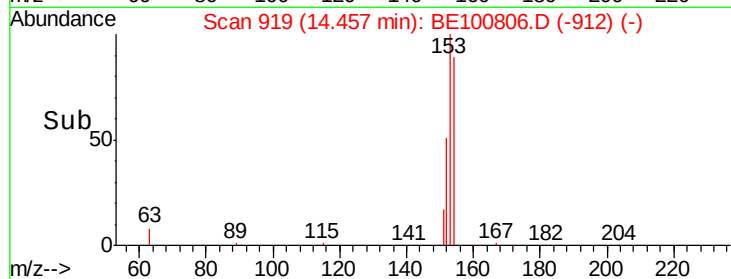
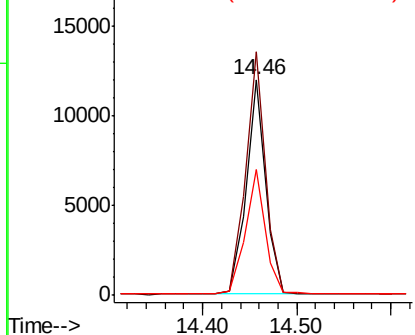
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

Instrument :
BNA_E
ClientSampleId :
PB125315BS

Tot Ion:154 Resp: 17305
Ion Ratio Lower Upper
154 100
153 114.2 92.2 138.2
152 59.6 49.1 73.7

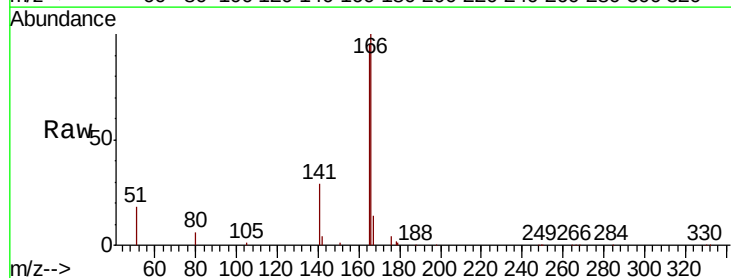


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

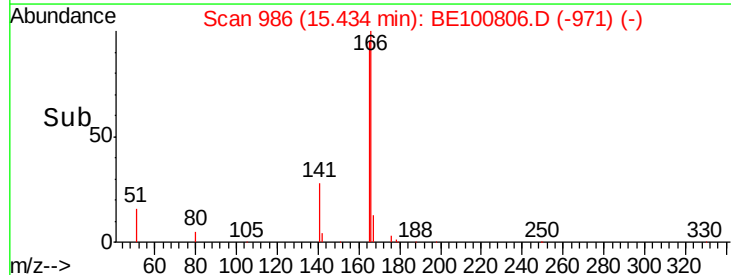
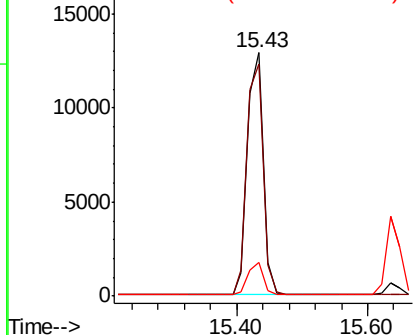


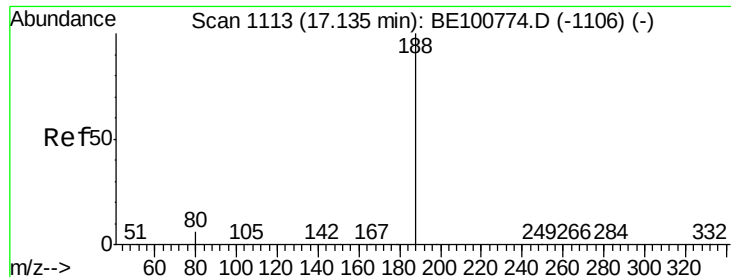
#18
Fluorene
Concen: 0.364 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

Tgt Ion:166 Resp: 21559
Ion Ratio Lower Upper
166 100
165 98.1 80.5 120.7
167 13.1 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: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

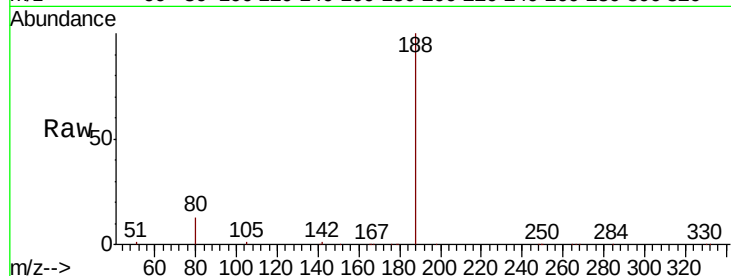
Tot Ion:188 Resp: 34414

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

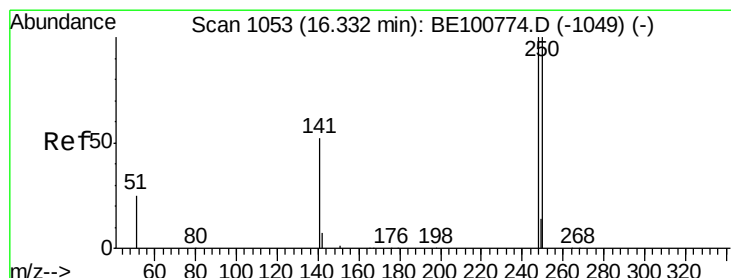
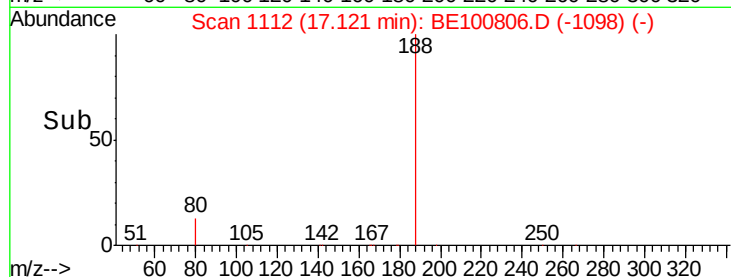
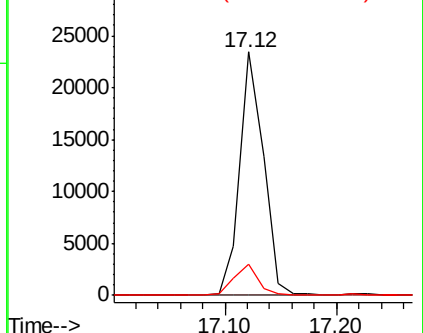
80 12.9 5.2 7.8#



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: 0.369 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

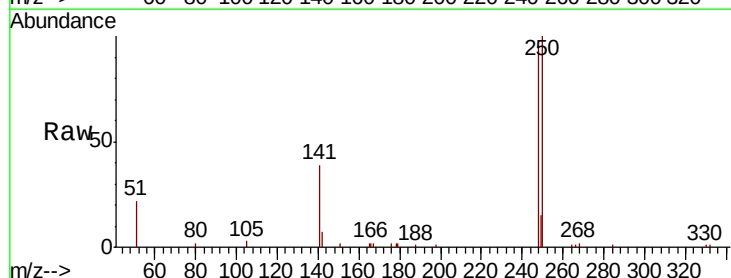
Tgt Ion:248 Resp: 6223

Ion Ratio Lower Upper

248 100

250 105.8 80.5 120.7

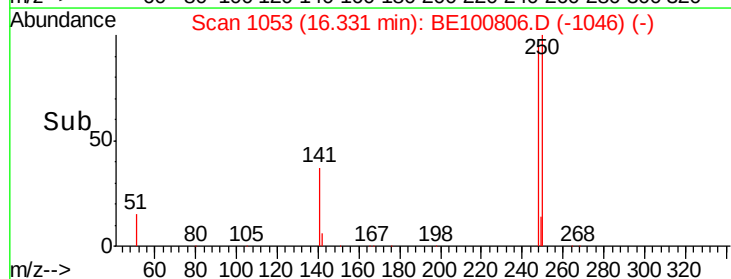
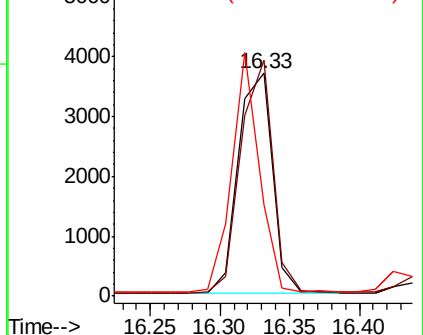
141 40.8 42.6 64.0#

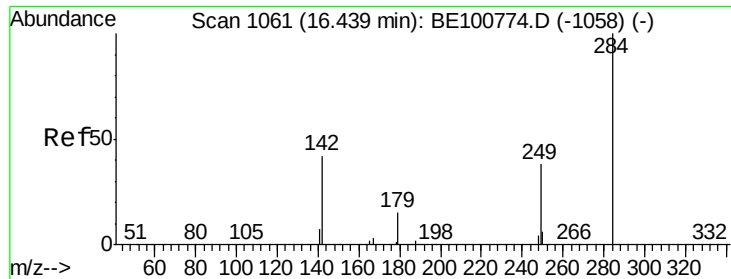


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

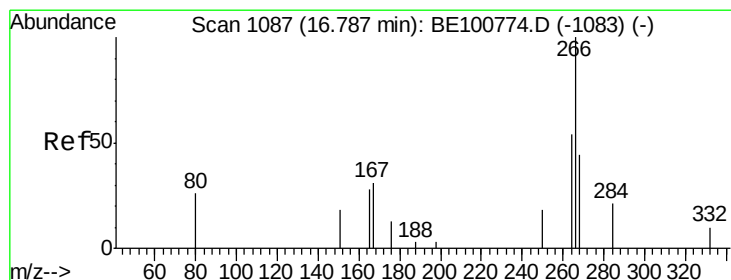
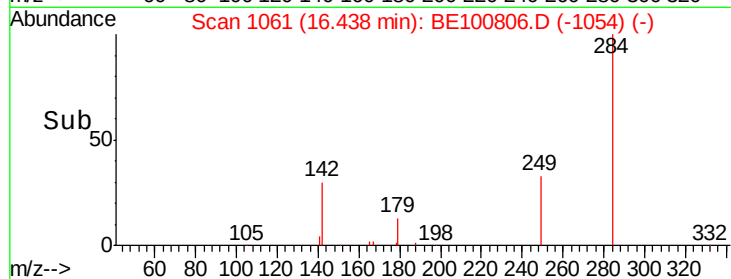
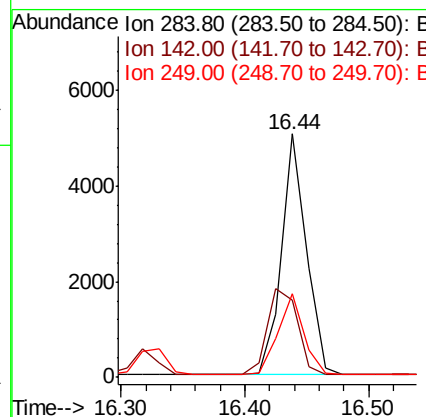
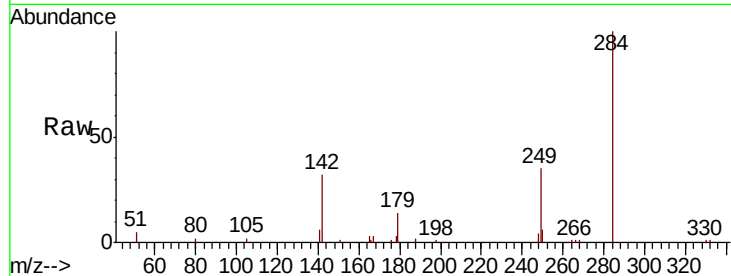




#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

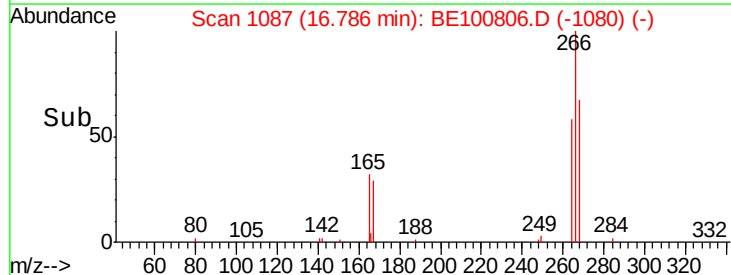
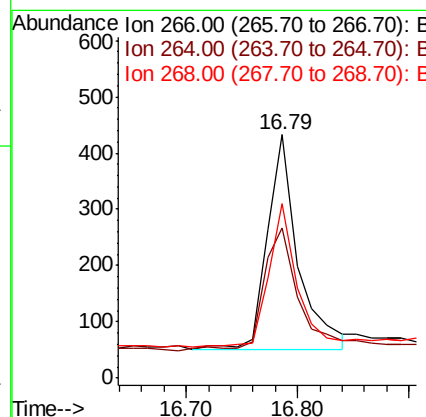
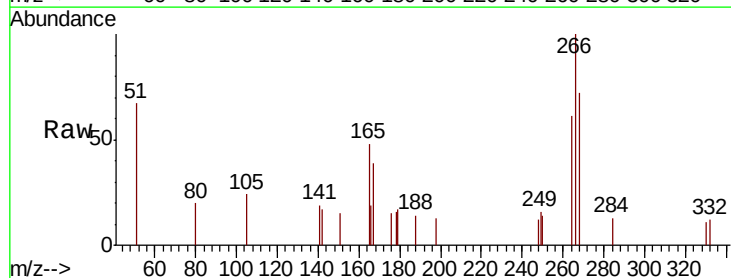
Instrument :
BNA_E
ClientSampleId :
PB125315BS

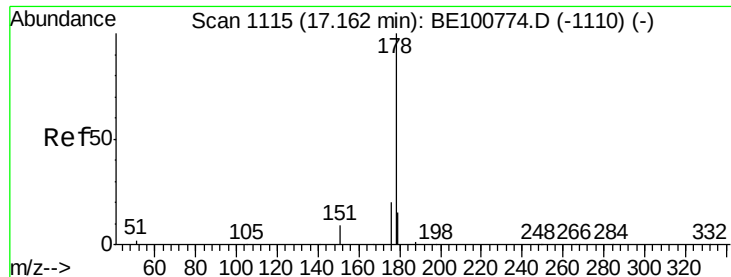
Tot Ion:284	Resp:	7006
Ion Ratio	Lower	Upper
284	100	
142	42.7	34.4 51.6
249	34.9	28.5 42.7



#22
Pentachlorophenol
Concen: 0.590 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

Tgt Ion:266	Resp:	748
Ion Ratio	Lower	Upper
266	100	
264	61.4	63.4 95.0#
268	71.6	65.8 98.8





#23

Phenanthrene

Concen: 0.369 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

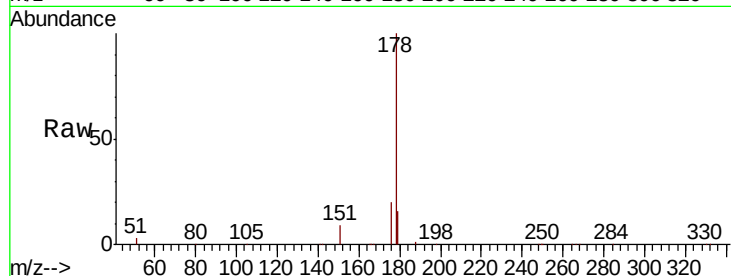
Tot Ion:178 Resp: 38433

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

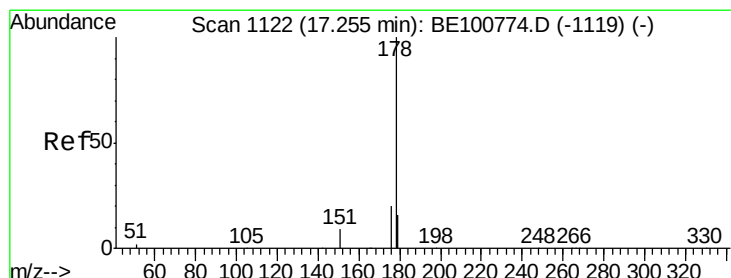
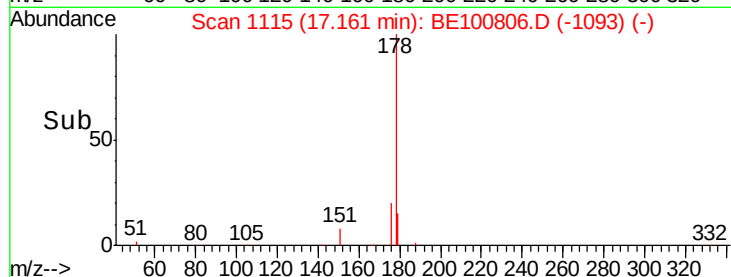
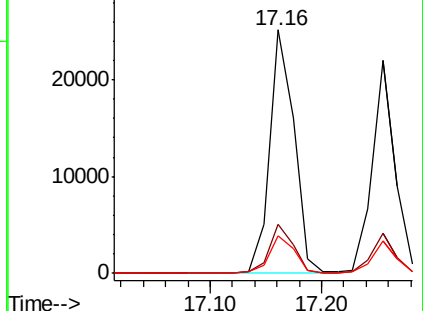
179 15.4 12.3 18.5



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: 0.358 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

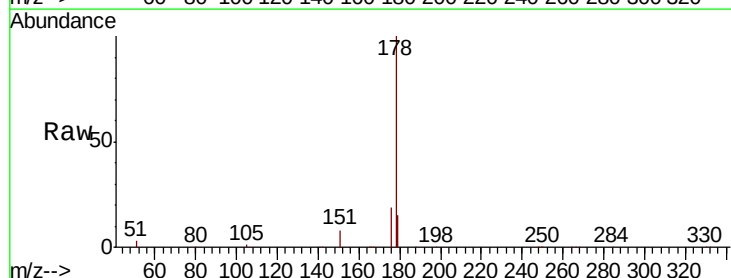
Tgt Ion:178 Resp: 31198

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

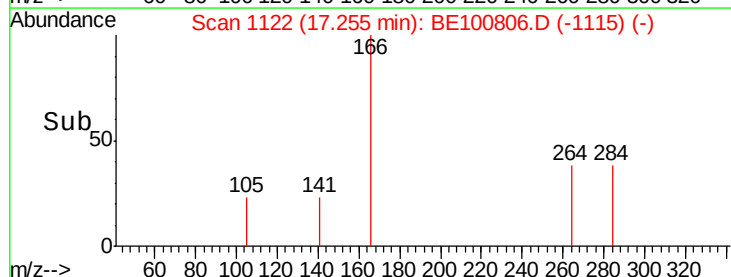
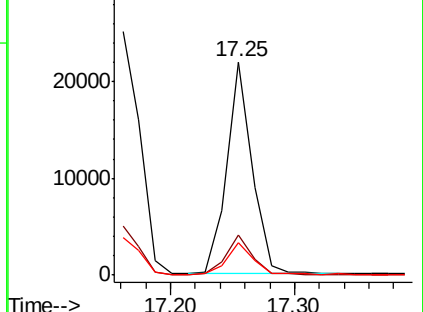
179 15.0 12.7 19.1

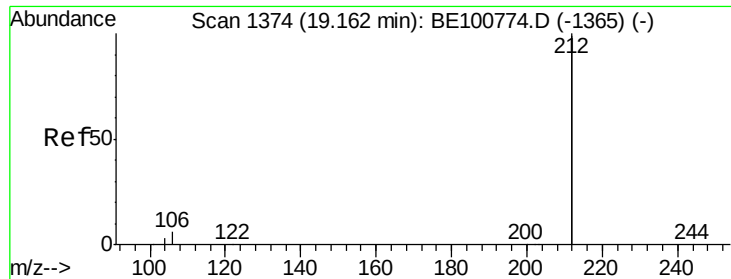


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

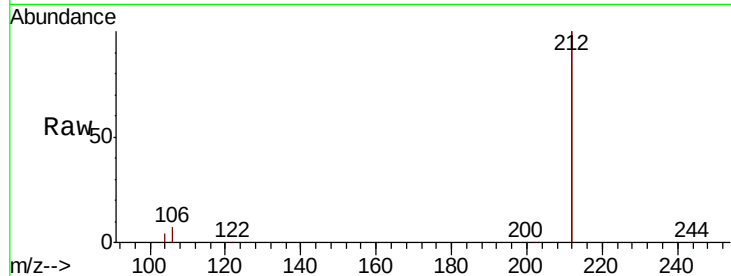
Tot Ion:212 Resp: 132222

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

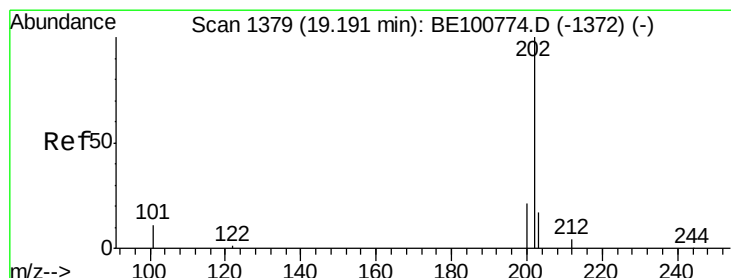
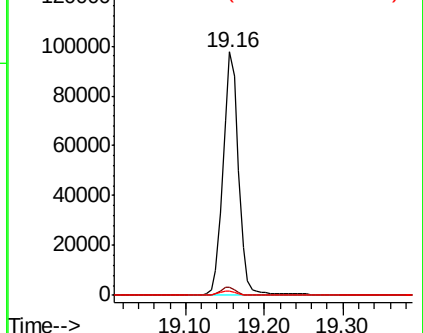
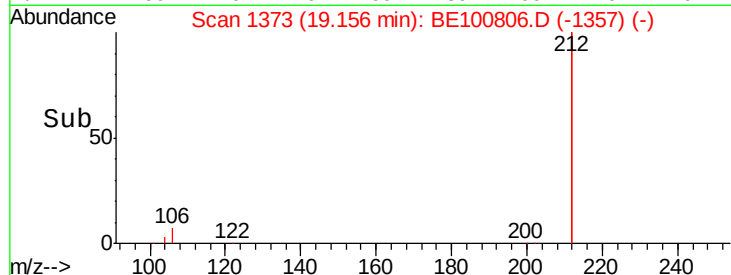
104 1.8 1.4 2.2



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: 0.320 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

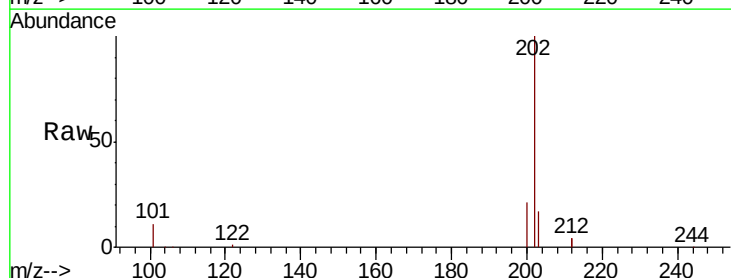
Tgt Ion:202 Resp: 39795

Ion Ratio Lower Upper

202 100

101 11.3 9.1 13.7

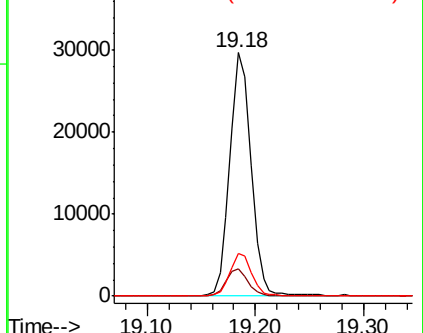
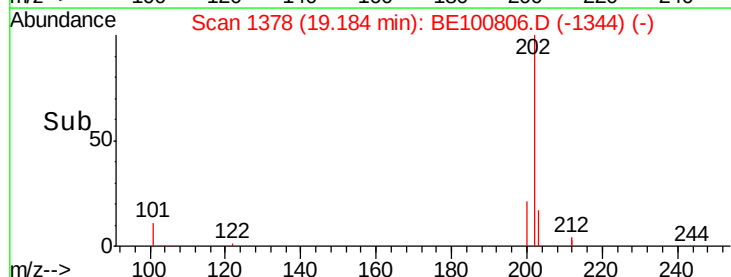
203 17.3 13.8 20.6

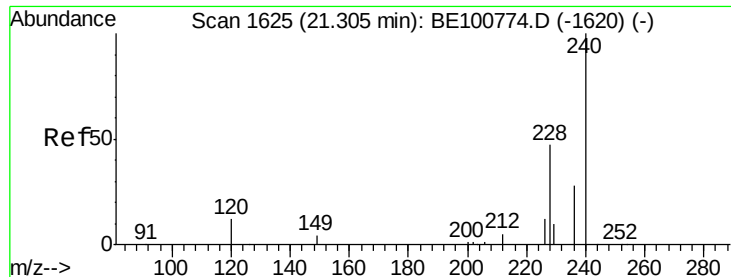


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

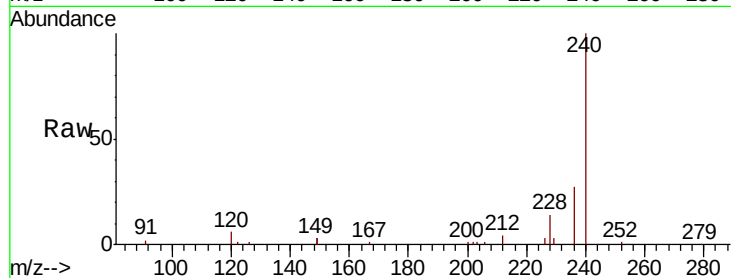
Tot Ion:240 Resp: 30512

Ion Ratio Lower Upper

240 100

120 6.0 10.2 15.2#

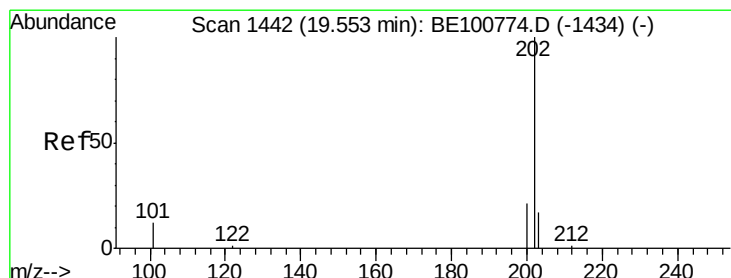
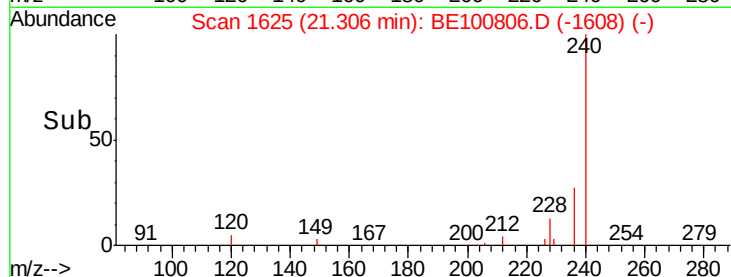
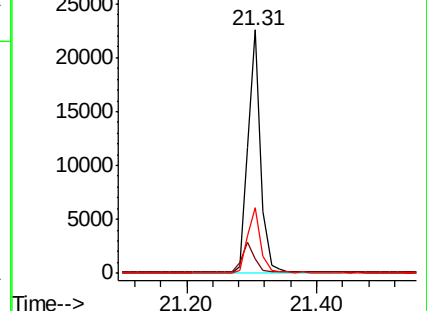
236 26.9 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.393 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

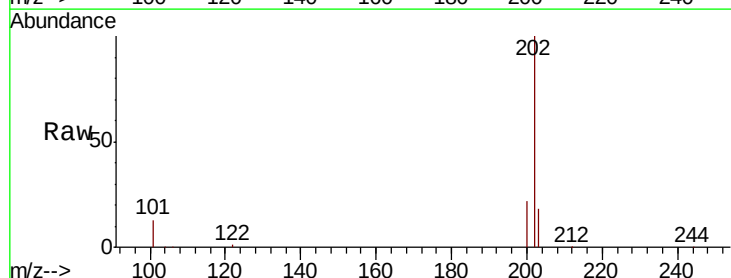
Tgt Ion:202 Resp: 38962

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

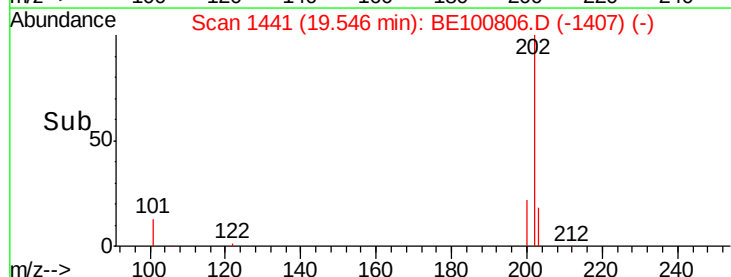
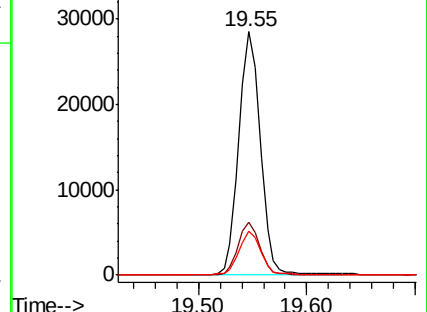
203 17.5 13.9 20.9

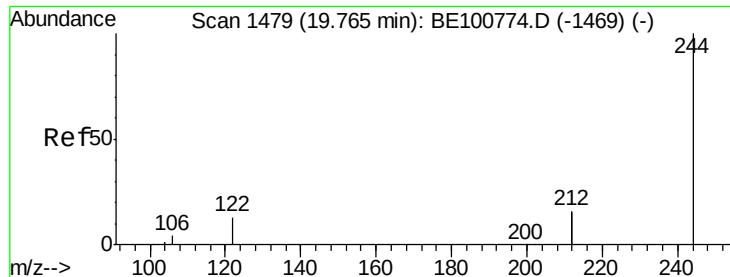


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

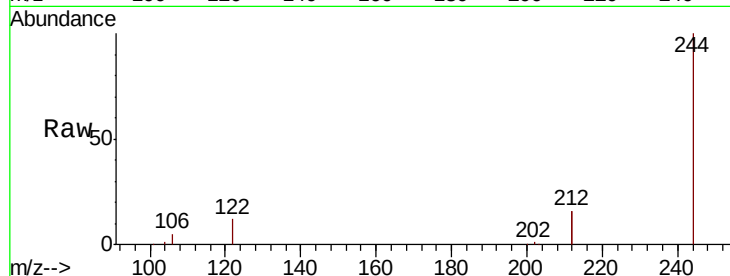
Tot Ion:244 Resp: 28306

Ion Ratio Lower Upper

244 100

212 31.2 26.2 39.4

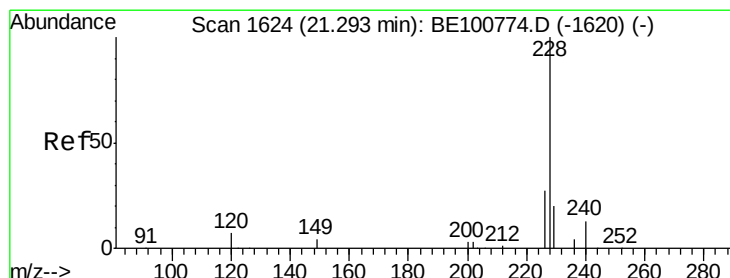
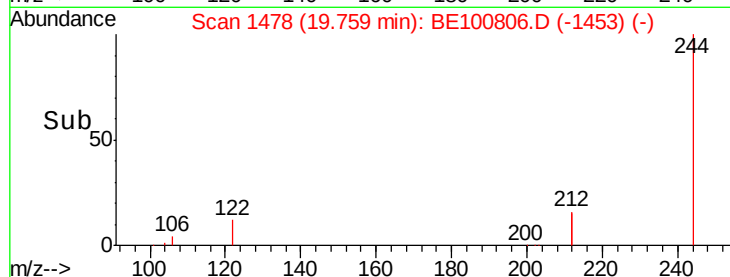
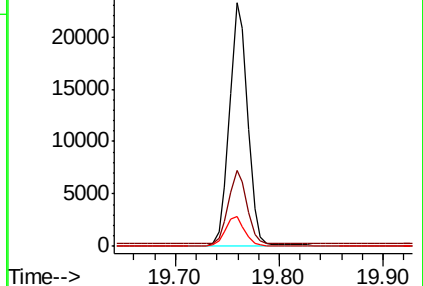
122 12.4 10.2 15.4



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: 0.415 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

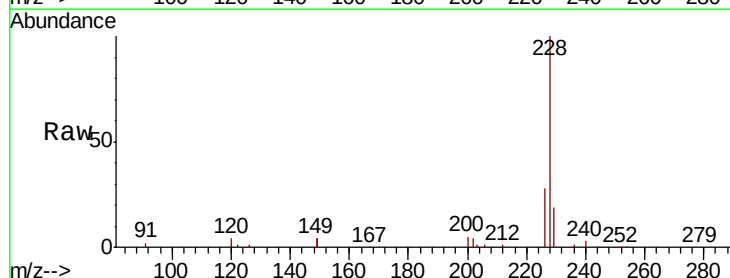
Tgt Ion:228 Resp: 37335

Ion Ratio Lower Upper

228 100

226 27.9 21.5 32.3

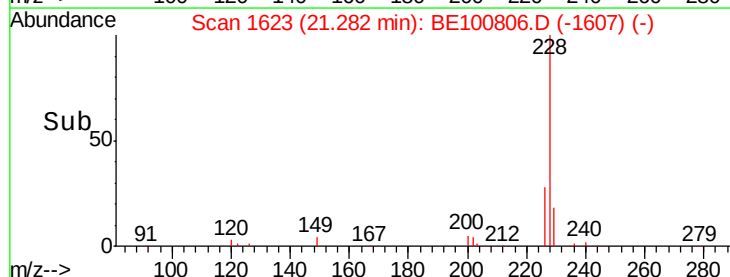
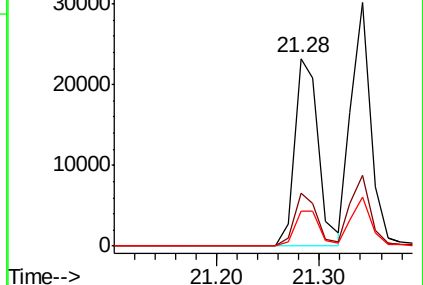
229 18.7 16.0 24.0

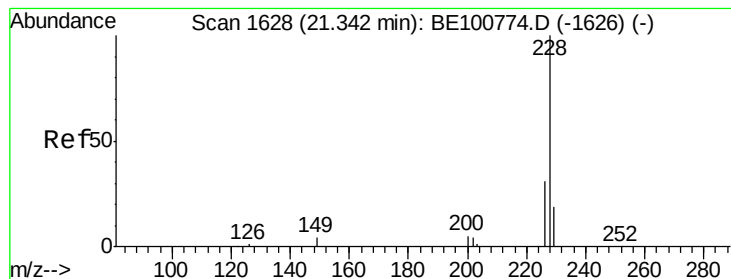


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.376 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

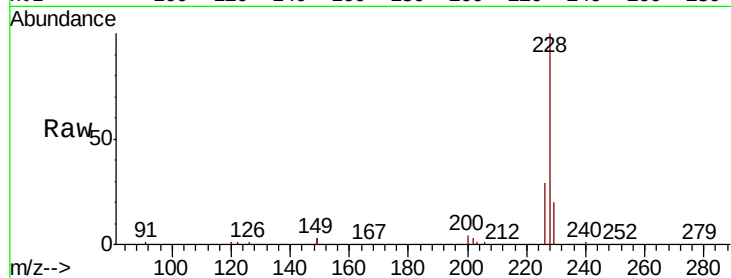
Tot Ion:228 Resp: 39759

Ion Ratio Lower Upper

228 100

226 29.1 25.0 37.4

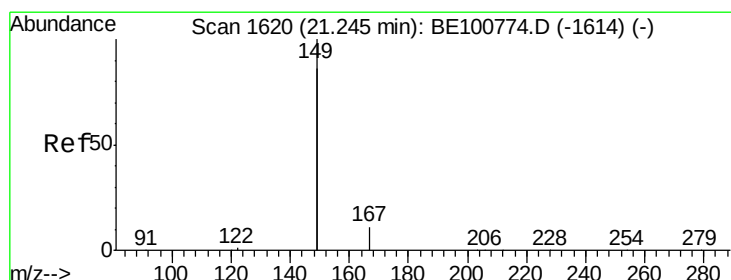
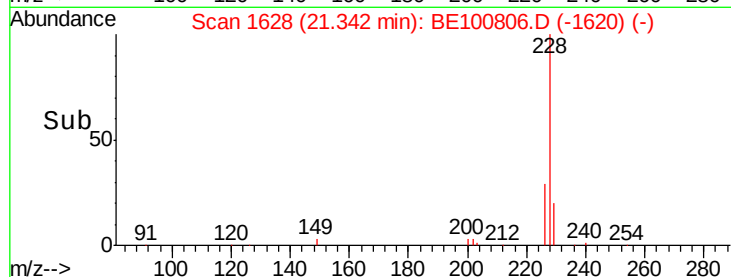
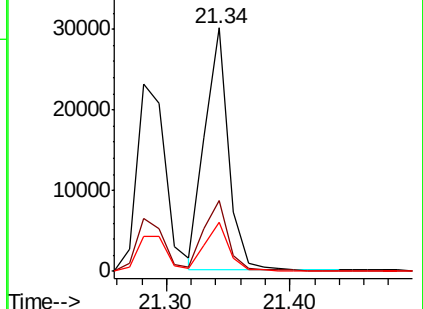
229 19.9 15.4 23.2



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: 0.721 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

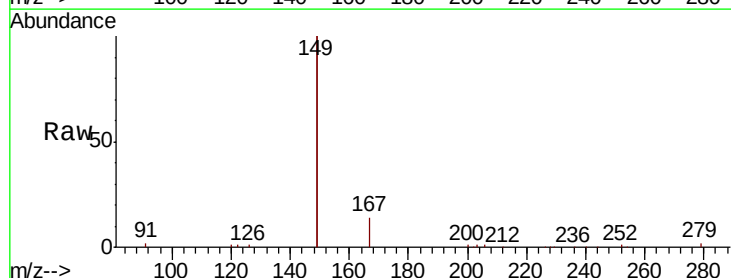
Tgt Ion:149 Resp: 46847

Ion Ratio Lower Upper

149 100

167 6.2 5.0 7.6

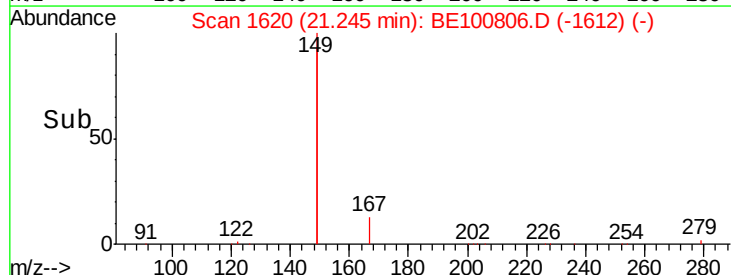
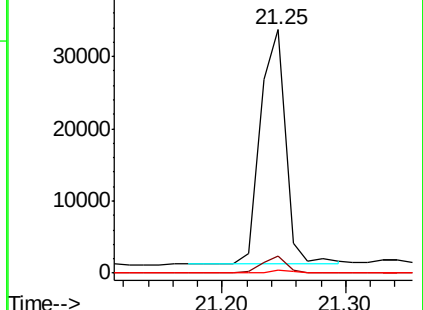
279 0.8 0.7 1.1

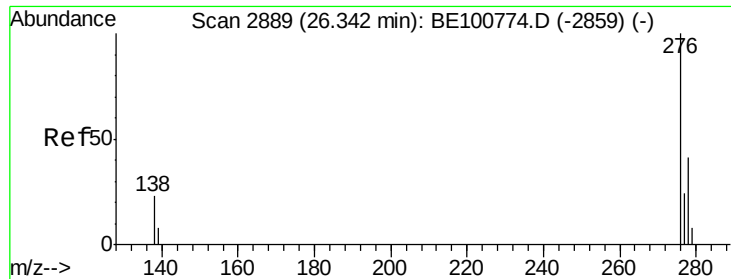


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

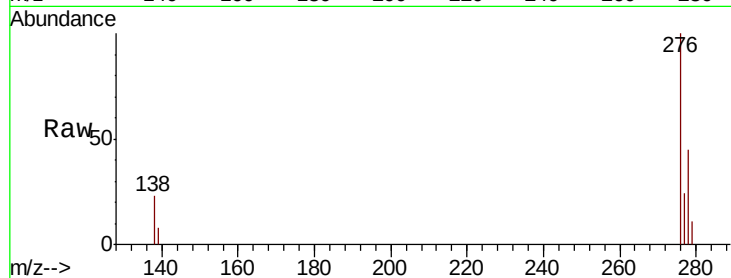




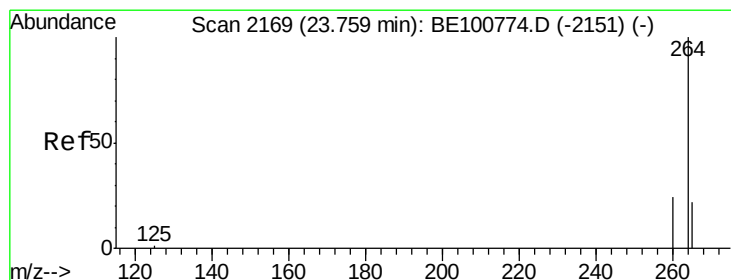
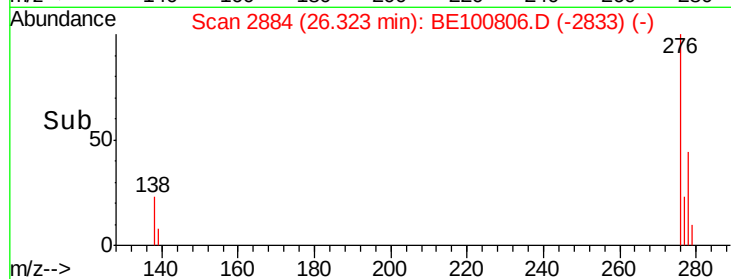
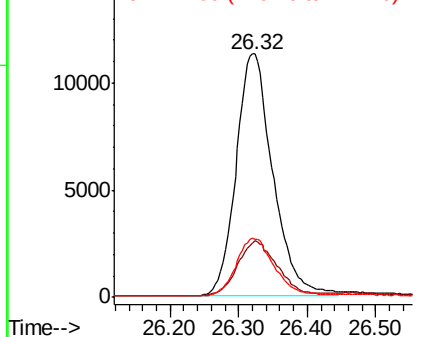
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.457 ng
 RT: 26.32 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

Instrument :
 BNA_E
 ClientSampleId :
 PB125315BS

Tot Ion:276 Resp: 42110
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.4 29.0
 277 24.5 19.8 29.6

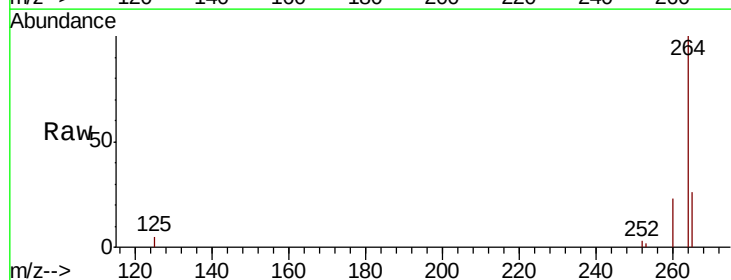


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

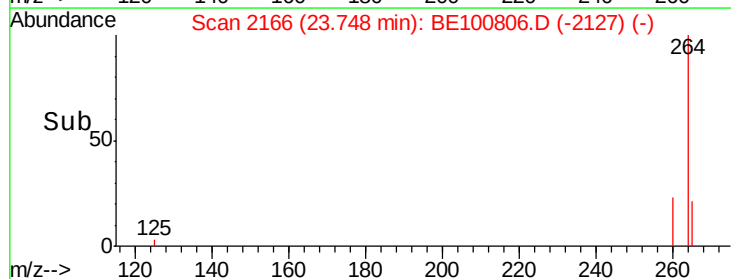
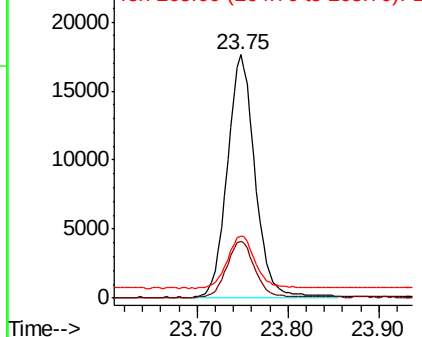


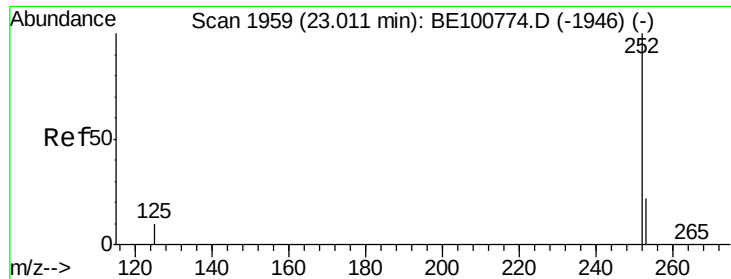
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BE100806.D
 Acq: 10 Dec 2019 11:32

Tgt Ion:264 Resp: 37092
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 25.6 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

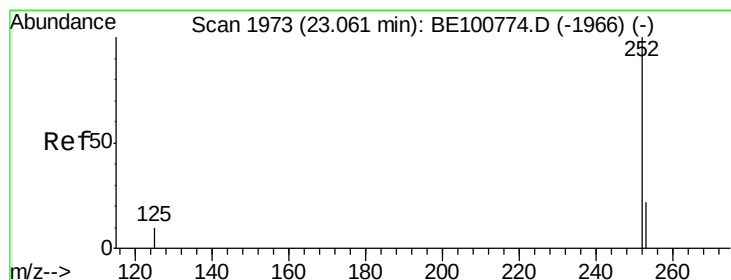
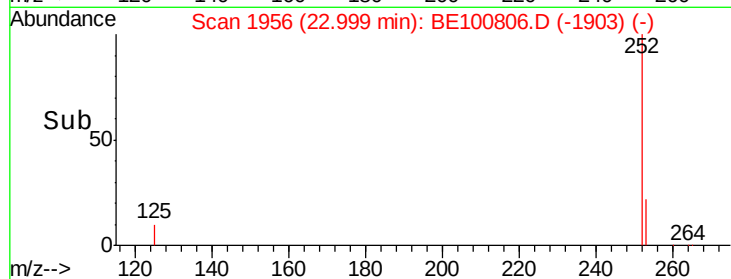
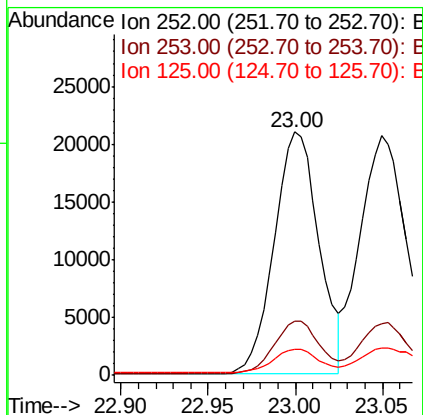
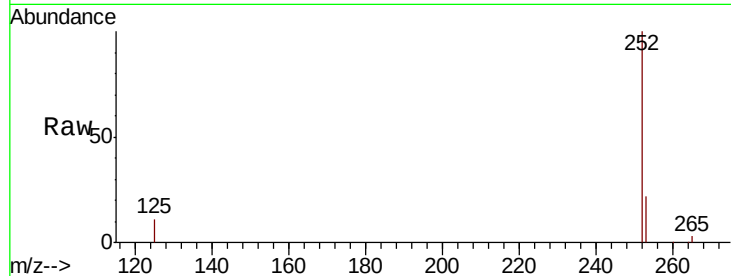




#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

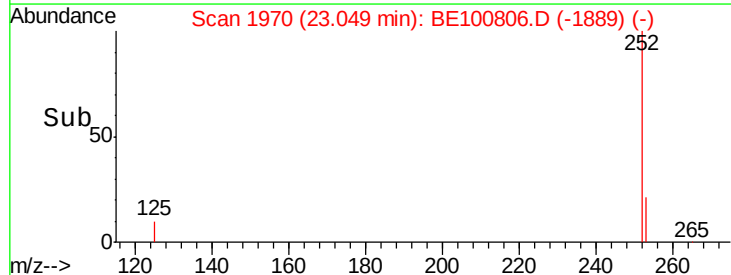
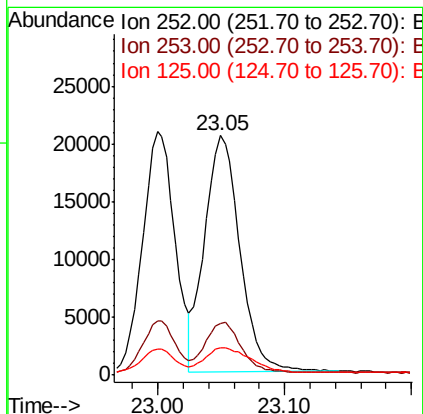
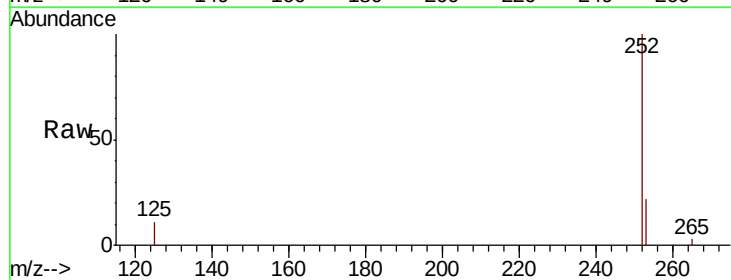
Instrument :
BNA_E
ClientSampleId :
PB125315BS

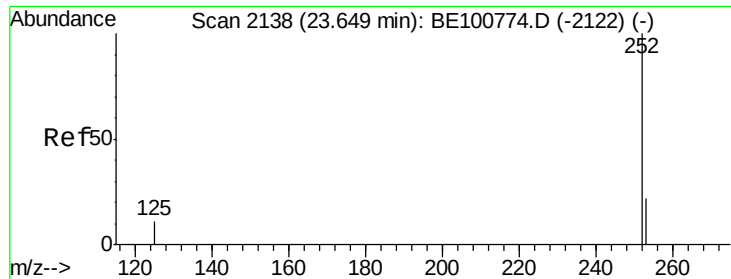
Tot Ion:252 Resp: 37328
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.8 9.0 13.4



#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 23.05 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BE100806.D
Acq: 10 Dec 2019 11:32

Tgt Ion:252 Resp: 39449
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.4 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

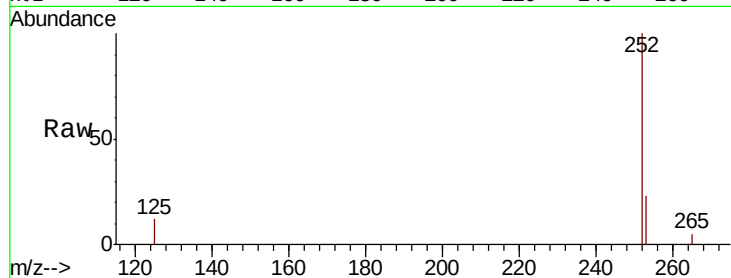
Tot Ion:252 Resp: 34036

Ion Ratio Lower Upper

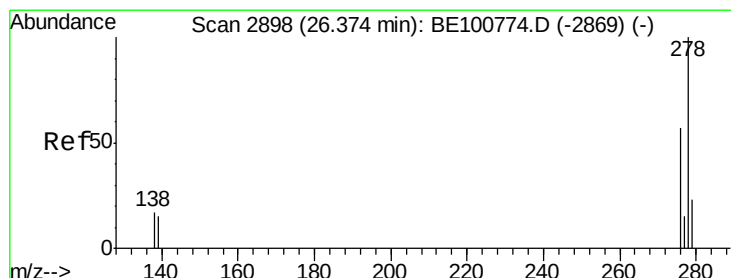
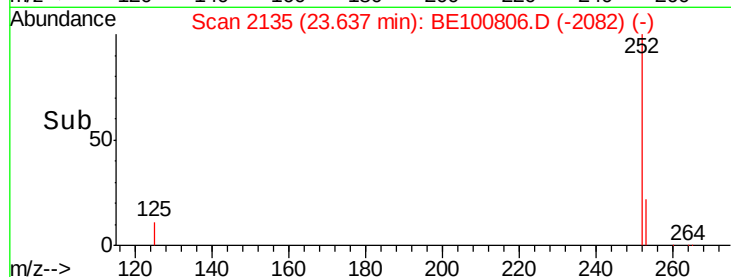
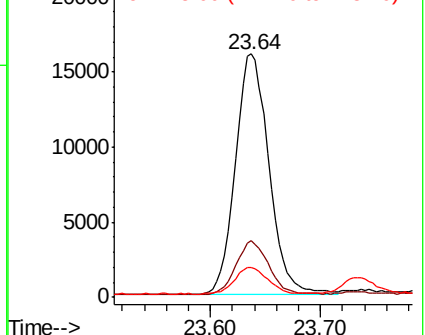
252 100

253 23.1 18.2 27.4

125 12.5 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: 0.390 ng

RT: 26.35 min Scan# 2891

Delta R.T. -0.03 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

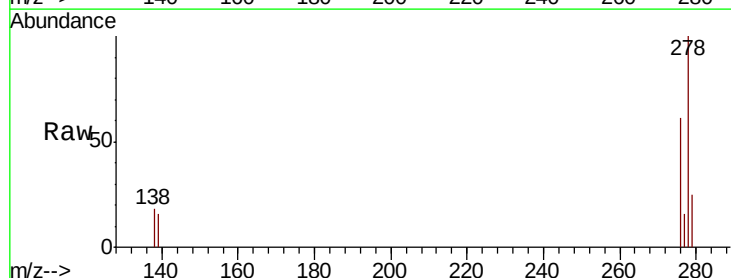
Tgt Ion:278 Resp: 34150

Ion Ratio Lower Upper

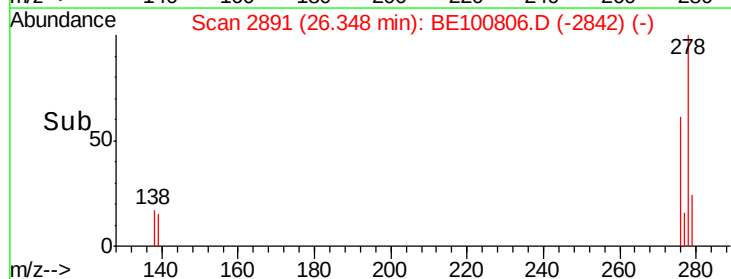
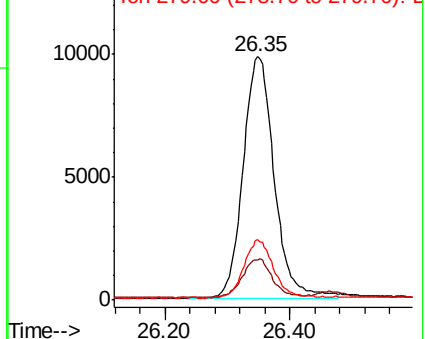
278 100

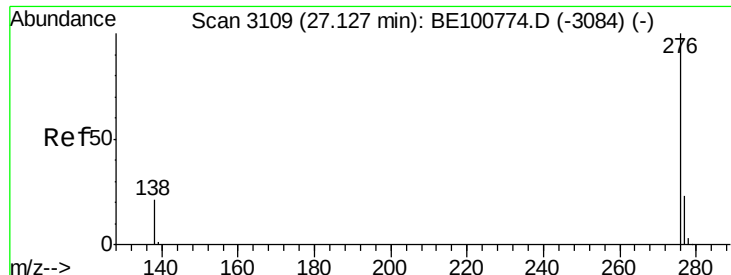
139 16.3 13.0 19.4

279 25.1 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: 0.386 ng

RT: 27.10 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BE100806.D

Acq: 10 Dec 2019 11:32

Instrument :

BNA_E

ClientSampleId :

PB125315BS

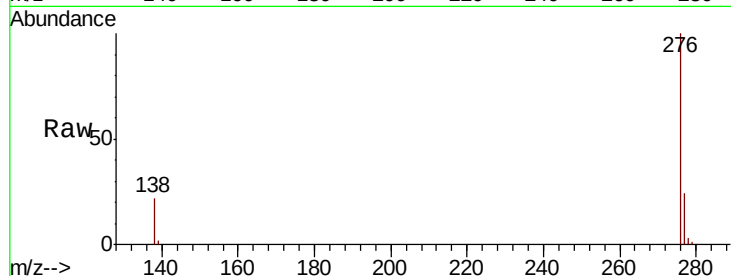
Tot Ion:276 Resp: 36123

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 21.7 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

