

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100990.D
 Acq On : 27 Dec 2019 13:07
 Operator : JU
 Sample : PB125417BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125417BS

Quant Time: Dec 27 22:43:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2240	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11537	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7123	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	16374	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	14621	0.40	ng	0.00
34) Perylene-d12	23.72	264	16679	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1486	0.39	ng	0.00
5) Phenol-d6	6.97	99	1564	0.39	ng	-0.02
8) Nitrobenzene-d5	8.91	82	2199	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	7223	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	527	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10951	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	76024	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	14974	0.45	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	2436	0.292	ng	# 84
3) n-Nitrosodimethylamine	3.66	42	360	0.443	ng	# 20
6) bis(2-Chloroethyl)ether	7.18	93	2104	0.260	ng	84
9) Naphthalene	10.57	128	50847	0.415	ng	100
10) Hexachlorobutadiene	10.86	225	2301	0.424	ng	100
12) 2-Methylnaphthalene	12.20	142	7009	0.377	ng	99
16) Acenaphthylene	14.10	152	9344	0.351	ng	98
17) Acenaphthene	14.44	154	7916	0.409	ng	98
18) Fluorene	15.42	166	9849	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2753	0.383	ng	96
21) Hexachlorobenzene	16.42	284	3305	0.389	ng	99
22) Pentachlorophenol	16.79	266	320	0.406	ng	98
23) Phenanthrene	17.16	178	16605	0.393	ng	100
24) Anthracene	17.25	178	9447	0.221	ng	97
26) Fluoranthene	19.17	202	21414	0.372	ng	99
28) Pyrene	19.53	202	22550	0.441	ng	100
30) Benzo(a)anthracene	21.27	228	14895	0.416	ng	99
31) Chrysene	21.33	228	18729	0.281	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	24949	0.393	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	18608	0.371	ng	# 80
35) Benzo(b)fluoranthene	22.98	252	16204	0.461	ng	99
36) Benzo(k)fluoranthene	23.03	252	25878	0.389	ng	99
37) Benzo(a)pyrene	23.61	252	17575	0.429	ng	98
38) Dibenzo(a,h)anthracene	26.31	278	12132	0.327	ng	96
39) Benzo(g,h,i)perylene	27.06	276	19568	0.447	ng	99

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

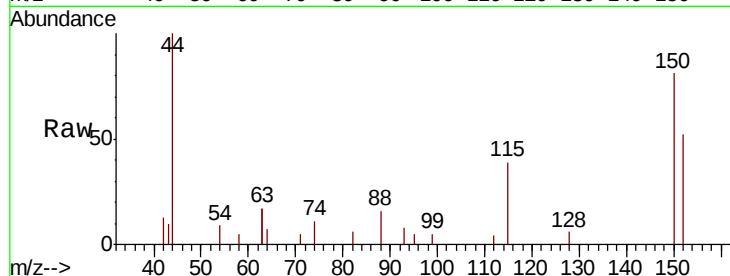


#1

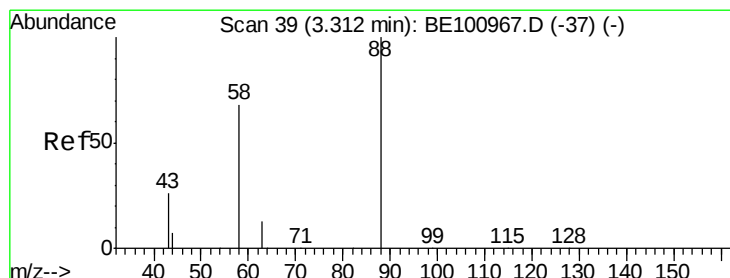
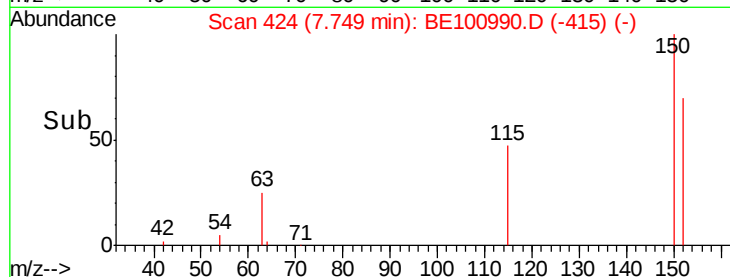
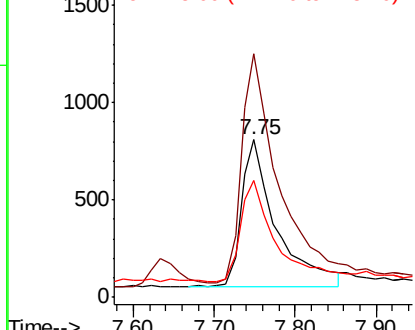
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tot Ion:152 Resp: 2240
Ion Ratio Lower Upper
152 100
150 154.8 132.6 199.0
115 74.5 64.1 96.1



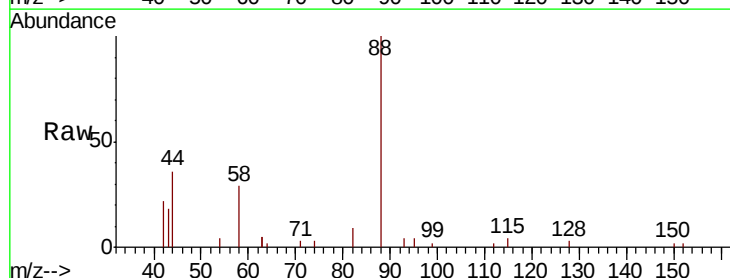
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



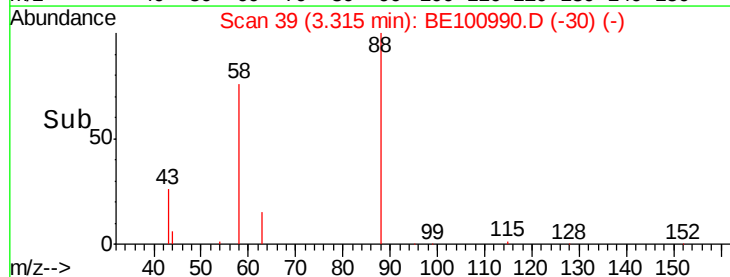
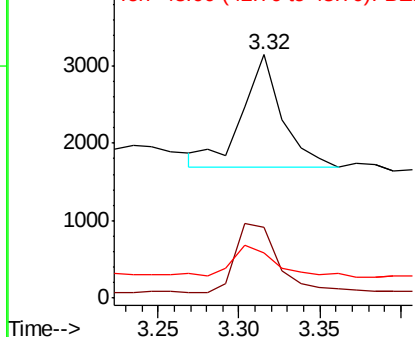
#2

1,4-Dioxane
Concen: 0.292 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion: 88 Resp: 2436
Ion Ratio Lower Upper
88 100
58 67.7 44.2 66.4#
43 32.6 21.0 31.6#



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: 0.443 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

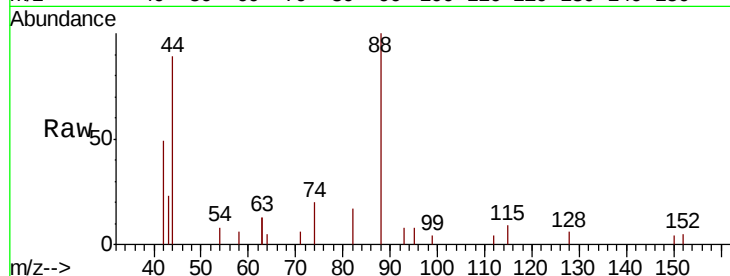
Tot Ion: 42 Resp: 360

Ion Ratio Lower Upper

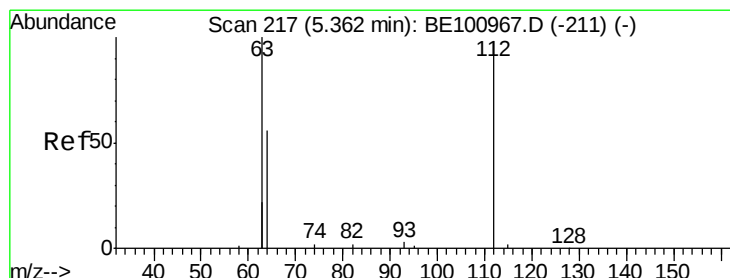
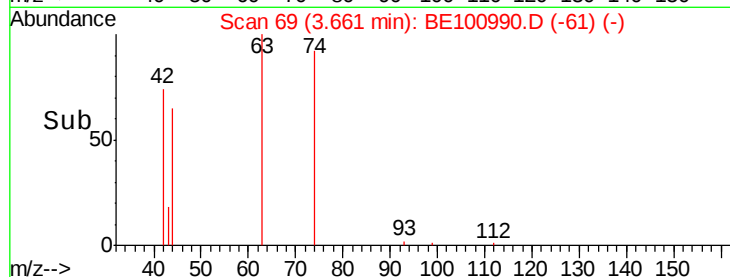
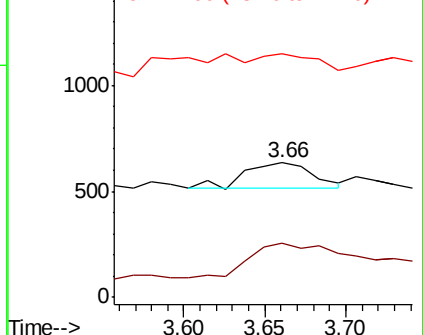
42 100

74 245.8 116.6 174.8#

44 0.0 0.0 0.0



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: 0.392 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

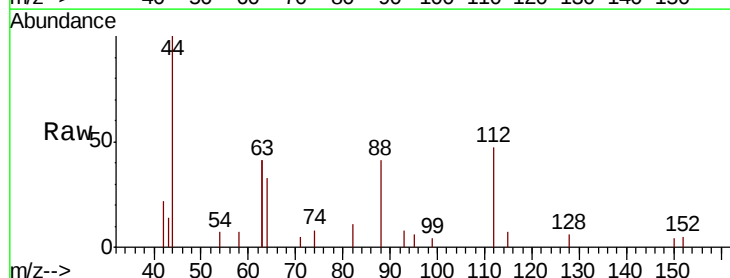
Tgt Ion: 112 Resp: 1486

Ion Ratio Lower Upper

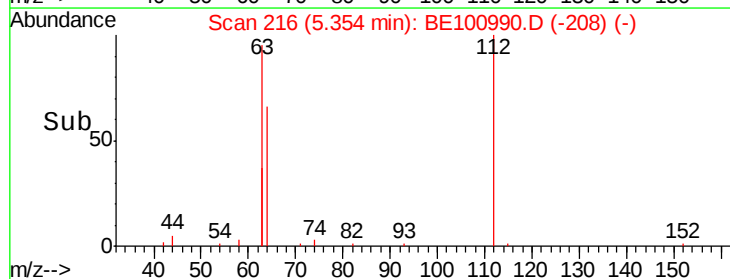
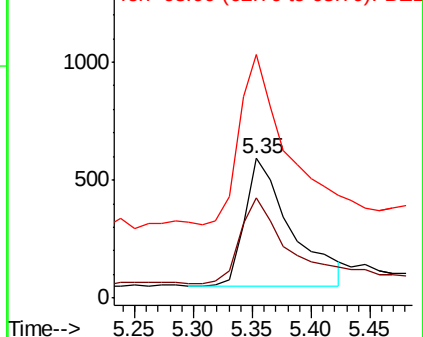
112 100

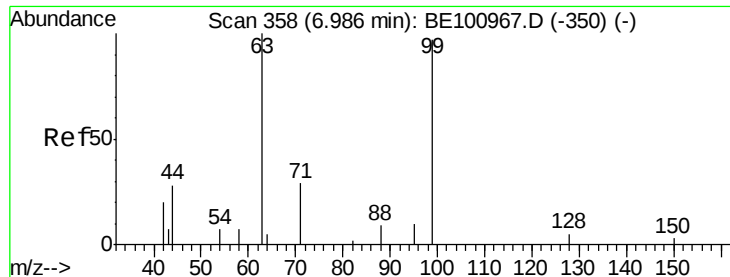
64 68.8 59.0 88.6

63 137.5 121.4 182.0



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: 0.394 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

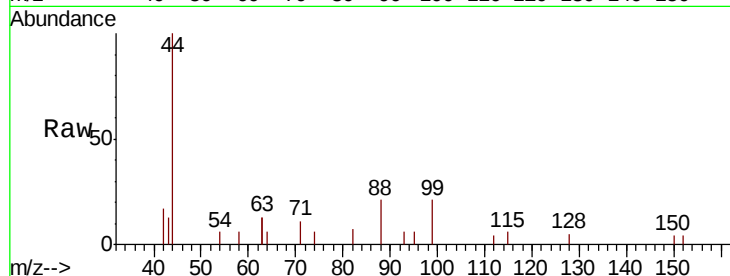
Tot Ion: 99 Resp: 1564

Ion Ratio Lower Upper

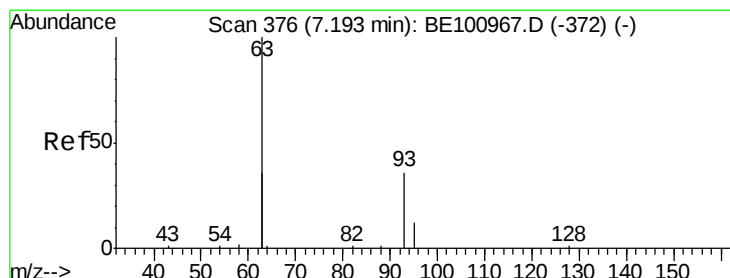
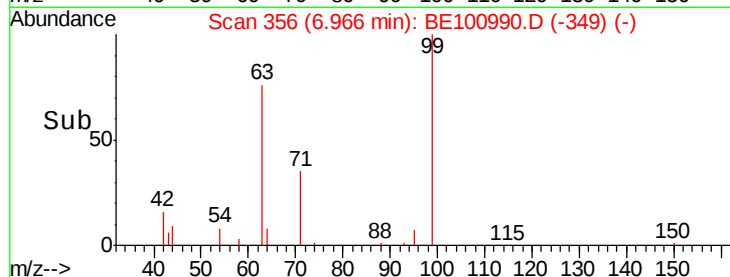
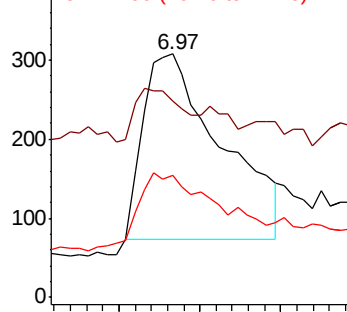
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



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: 0.260 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

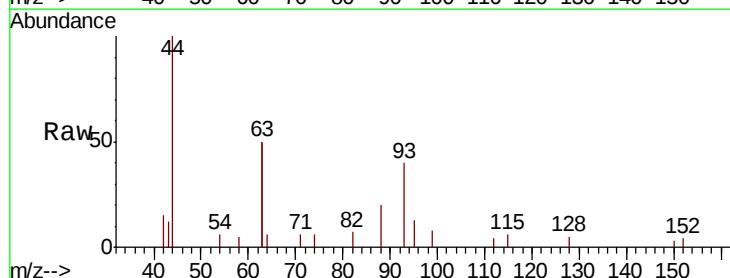
Tgt Ion: 93 Resp: 2104

Ion Ratio Lower Upper

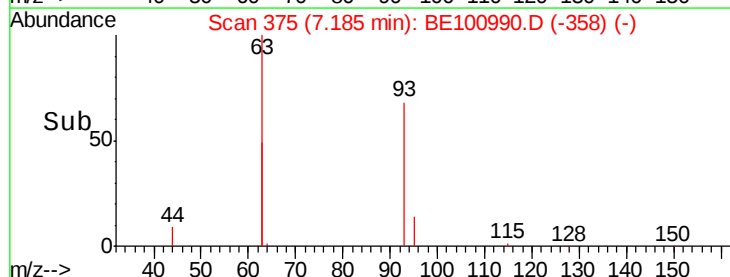
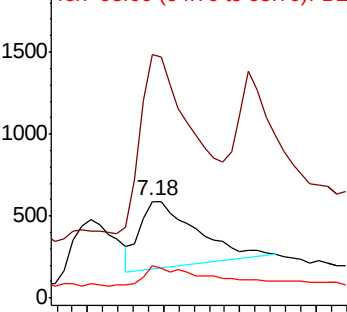
93 100

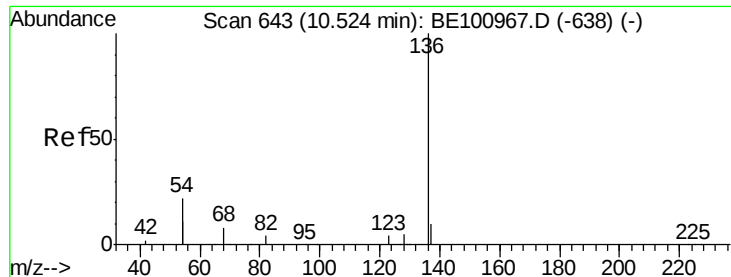
63 252.0 228.3 342.5

95 31.2 25.9 38.9



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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

Tot Ion:136 Resp: 11537

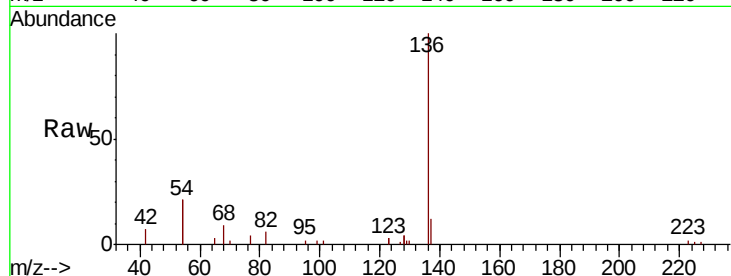
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 41.3 34.4 51.6

68 8.6 7.8 11.6

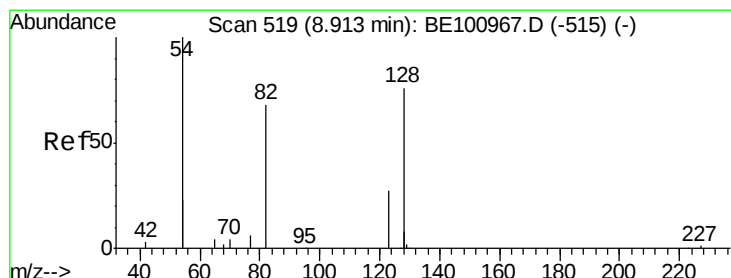
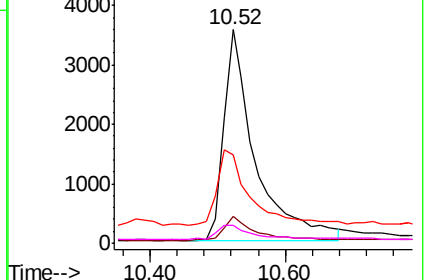
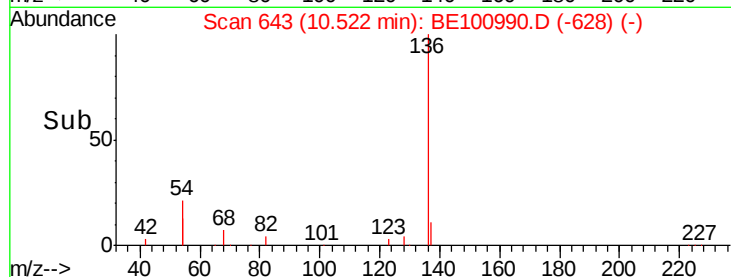


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.464 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

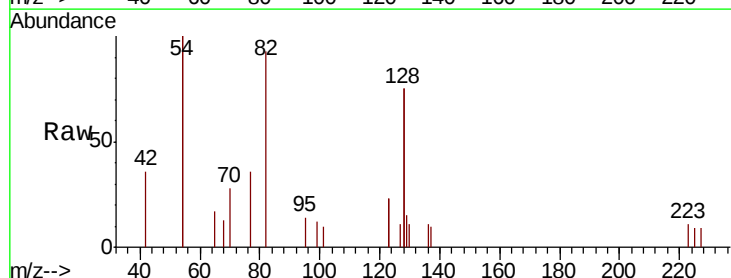
Tgt Ion: 82 Resp: 2199

Ion Ratio Lower Upper

82 100

128 160.7 140.2 210.2

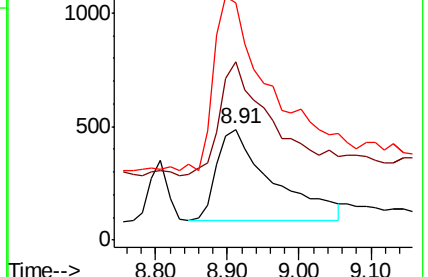
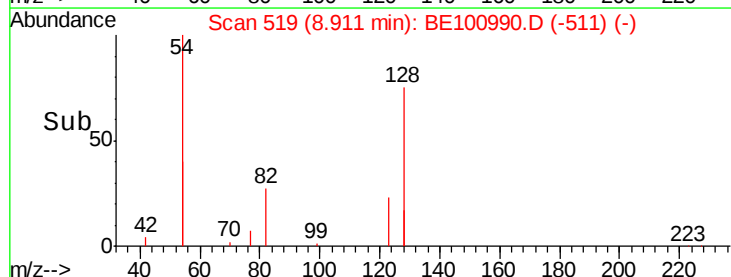
54 213.9 183.8 275.6

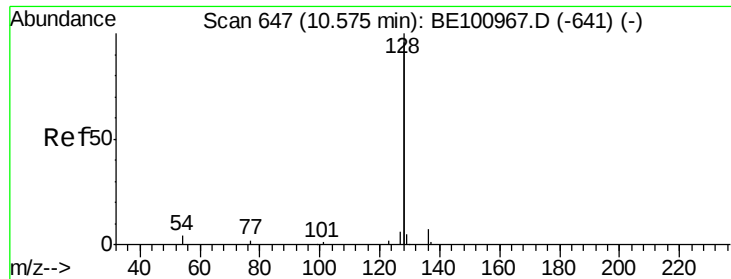


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.415 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

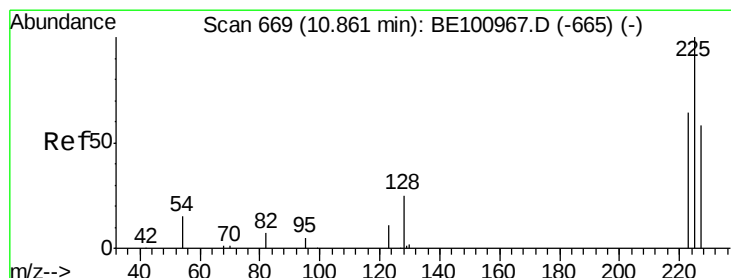
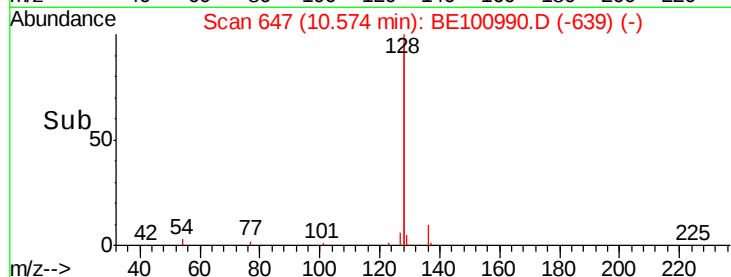
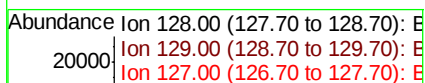
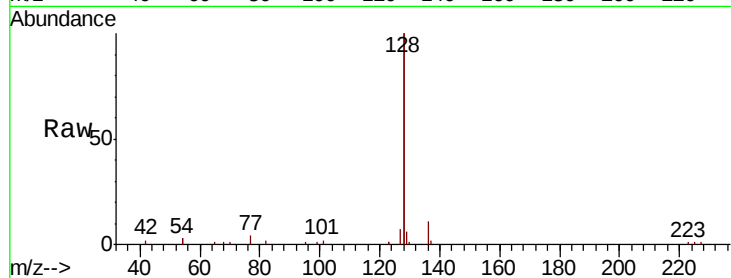
Tot Ion:128 Resp: 50847

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

127 3.4 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.424 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

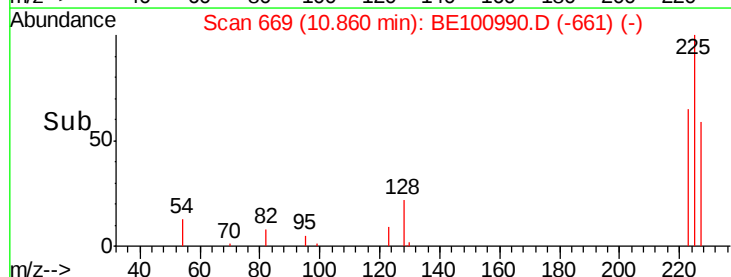
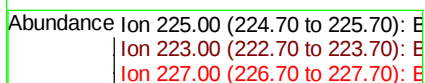
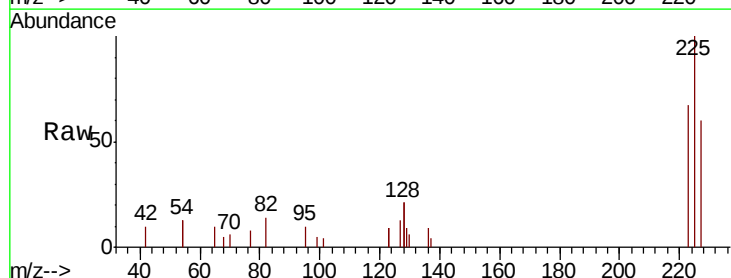
Tgt Ion:225 Resp: 2301

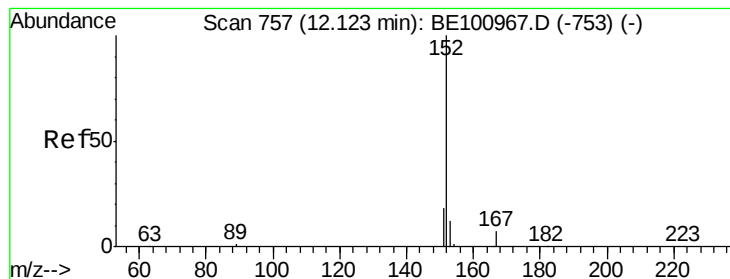
Ion Ratio Lower Upper

225 100

223 64.4 51.4 77.0

227 62.2 50.2 75.2





#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

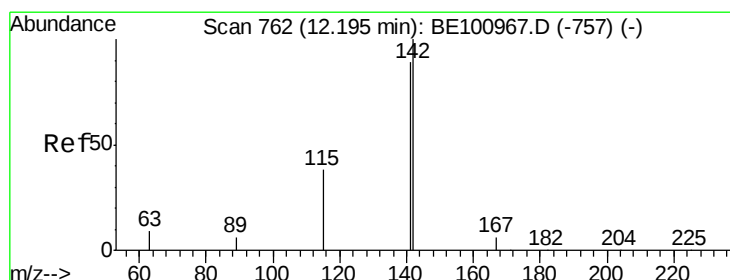
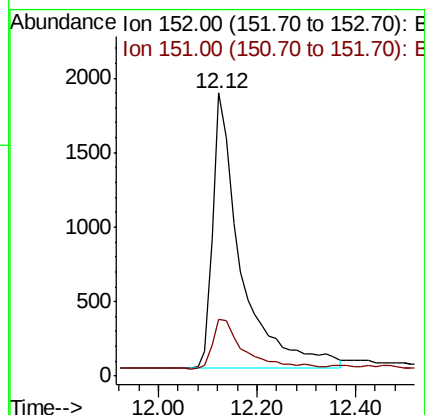
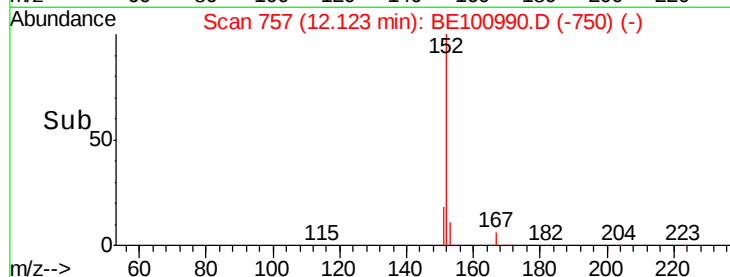
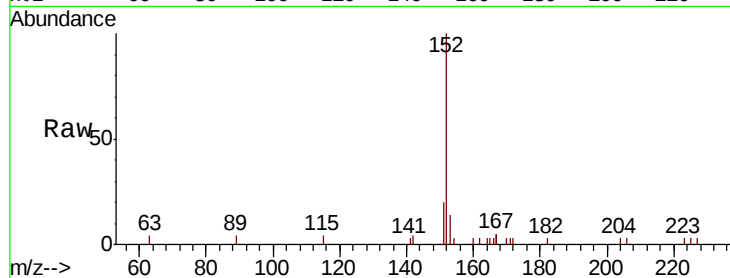
PB125417BS

Tot Ion:152 Resp: 7223

Ion Ratio Lower Upper

152 100

151 20.0 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

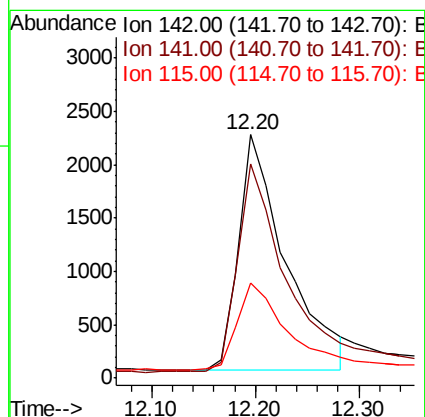
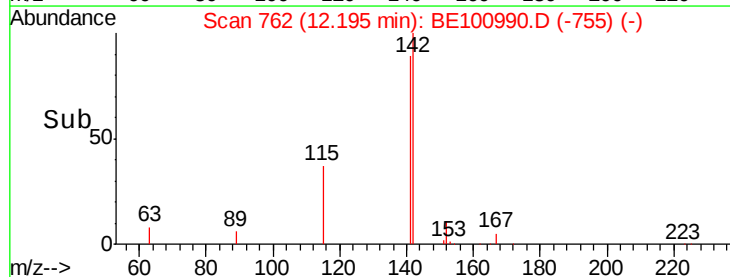
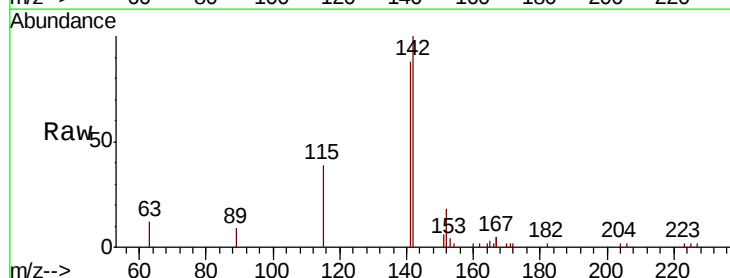
Tgt Ion:142 Resp: 7009

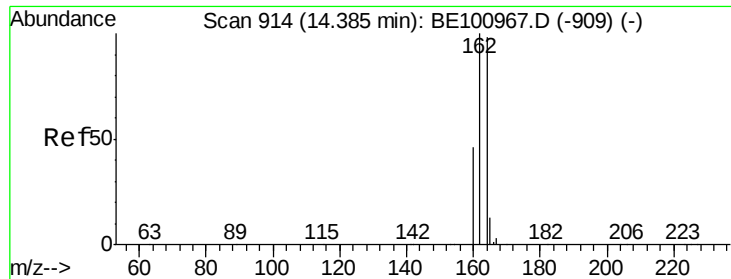
Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2

115 39.2 32.0 48.0

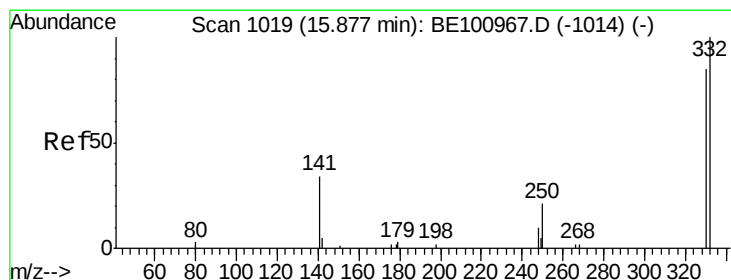
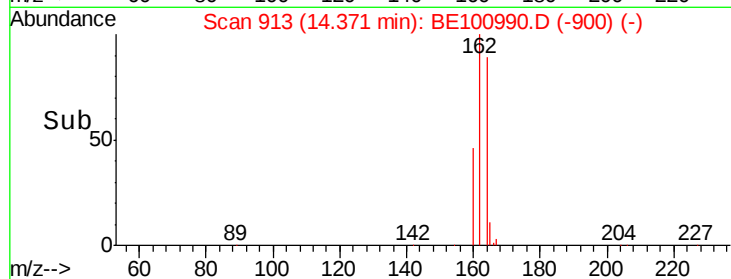
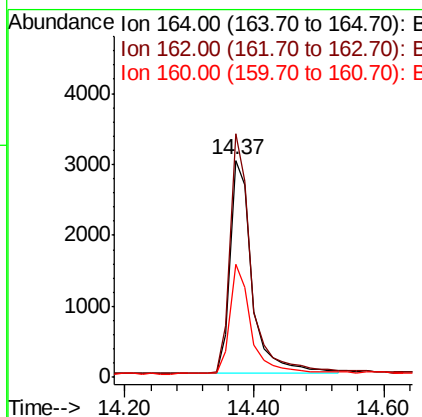
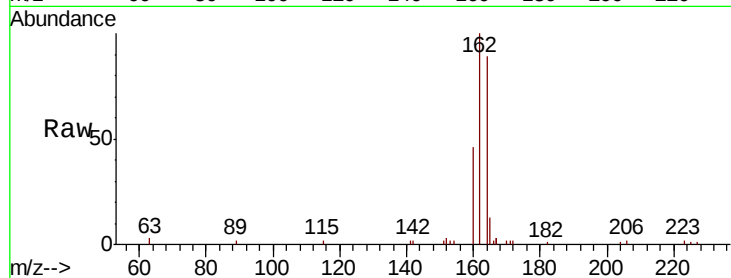




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

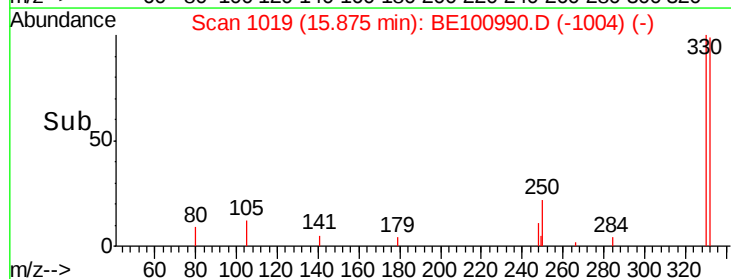
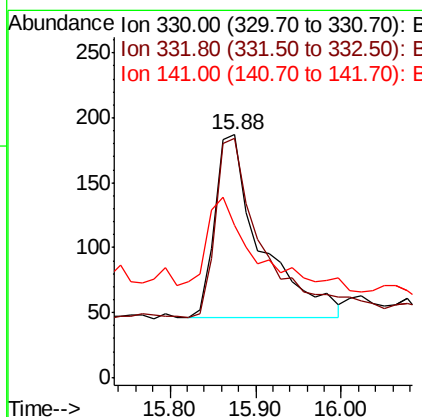
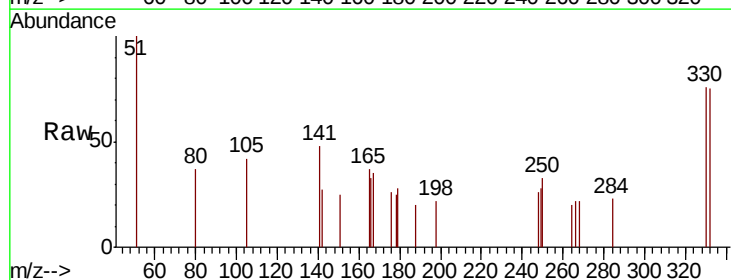
Instrument :
BNA_E
ClientSampleId :
PB125417BS

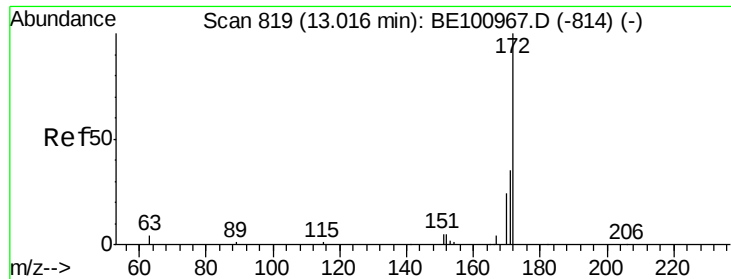
Tot Ion:164 Resp: 7123
Ion Ratio Lower Upper
164 100
162 112.2 81.6 122.4
160 51.9 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:330 Resp: 527
Ion Ratio Lower Upper
330 100
332 98.9 72.4 108.6
141 53.1 25.4 38.2#

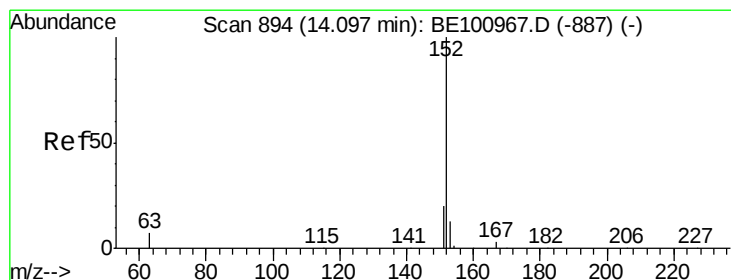
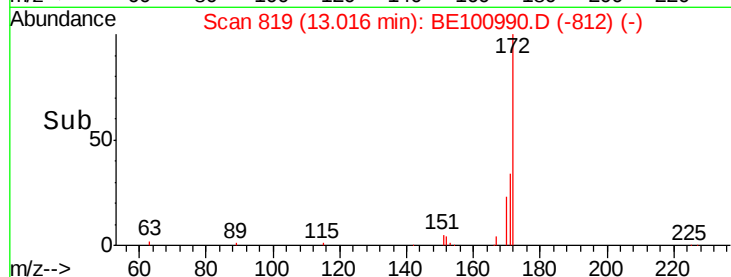
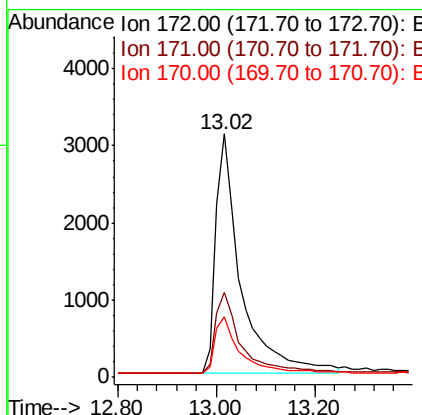
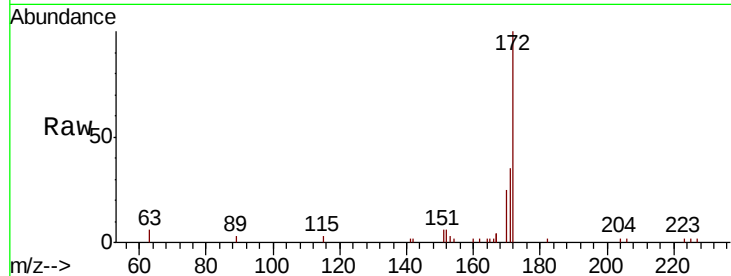




#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

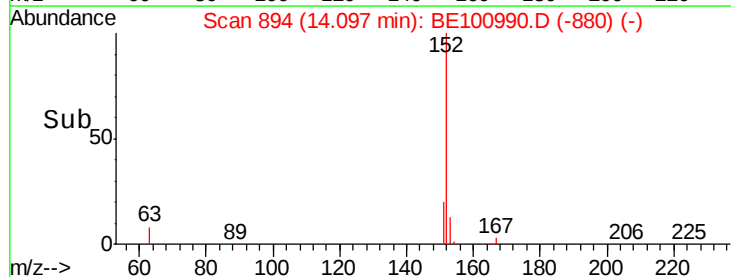
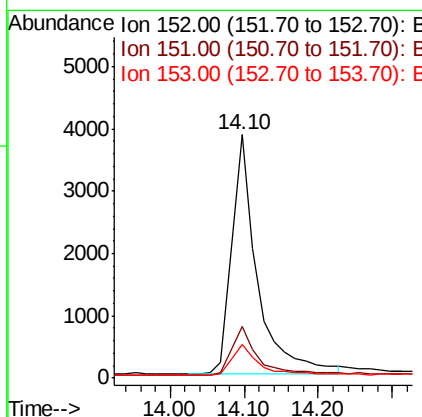
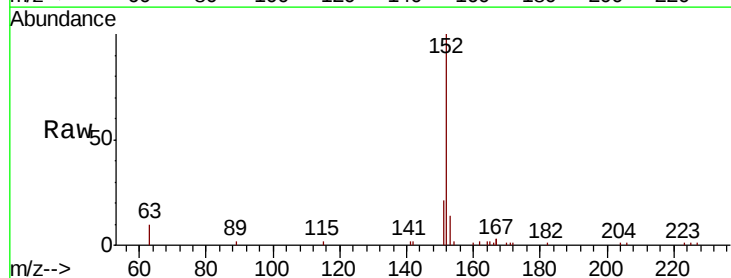
Instrument :
BNA_E
ClientSampleId :
PB125417BS

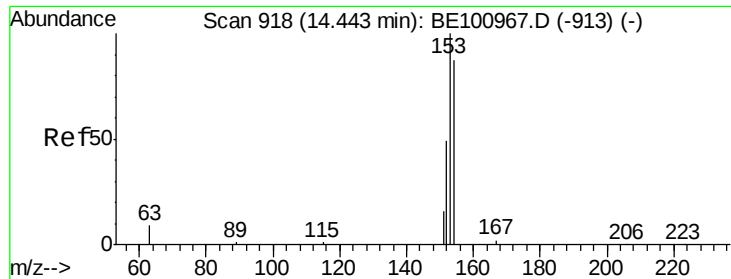
Tot Ion:172 Resp: 10951
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 24.7 20.0 30.0



#16
Acenaphthylene
Concen: 0.351 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:152 Resp: 9344
Ion Ratio Lower Upper
152 100
151 20.8 15.5 23.3
153 13.3 10.5 15.7

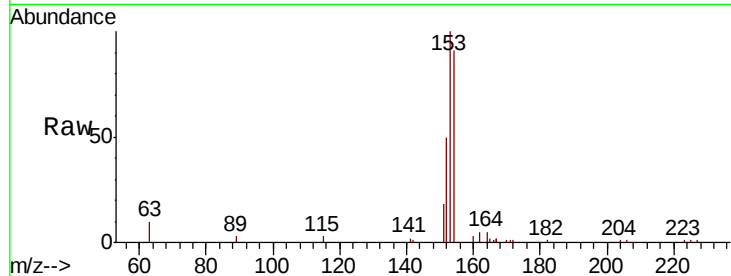




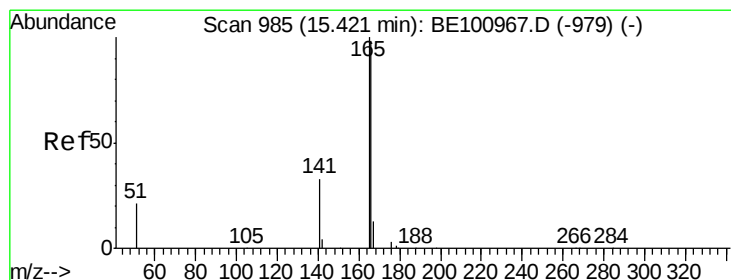
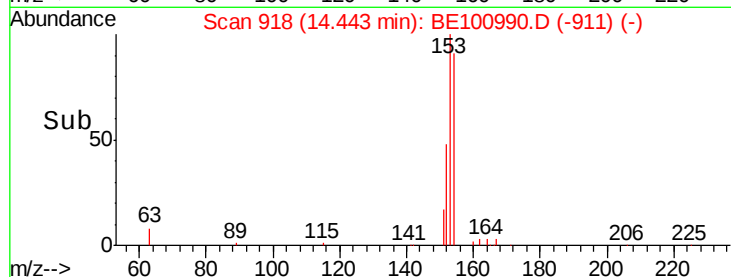
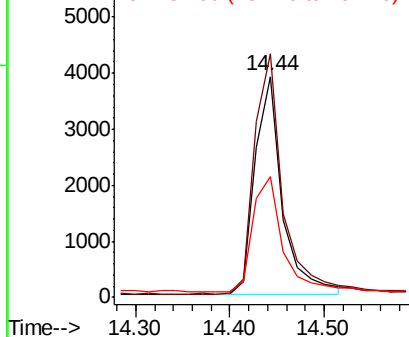
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Instrument :
BNA_E
ClientSampleId :
PB125417BS

Tot Ion:154 Resp: 7916
Ion Ratio Lower Upper
154 100
153 113.3 91.7 137.5
152 57.2 44.5 66.7

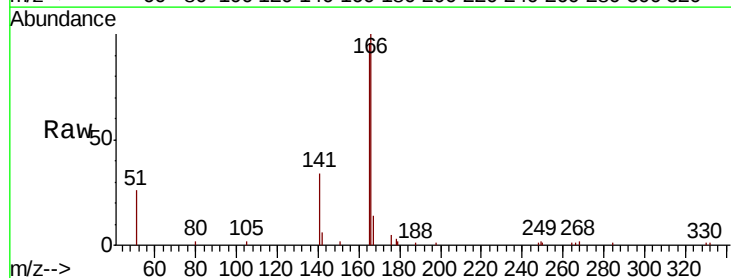


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

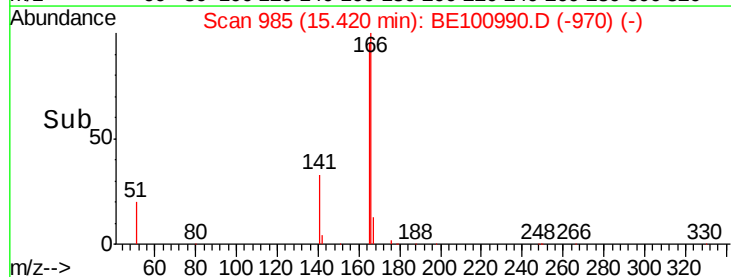
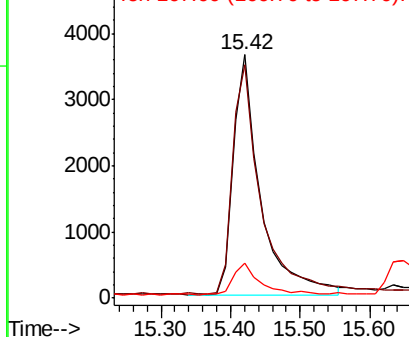


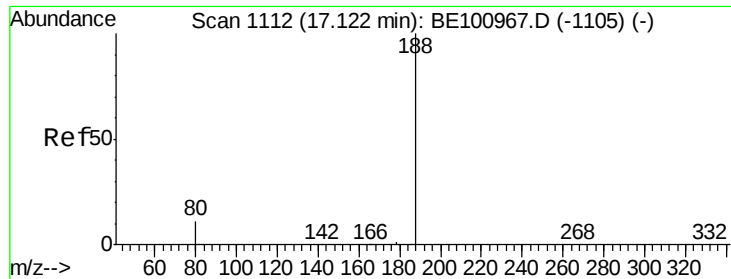
#18
Fluorene
Concen: 0.409 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:166 Resp: 9849
Ion Ratio Lower Upper
166 100
165 98.2 79.4 119.0
167 13.1 10.6 15.8



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

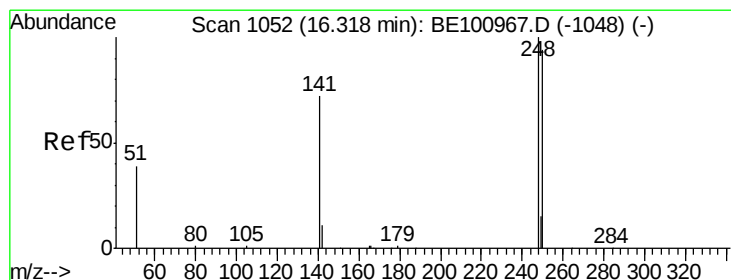
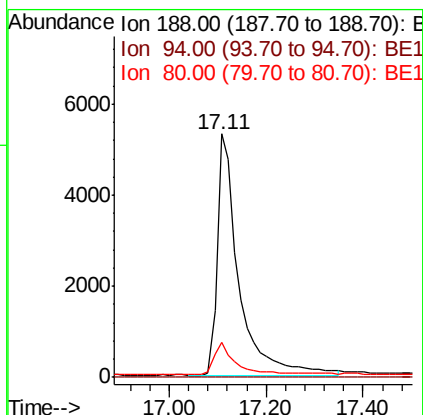
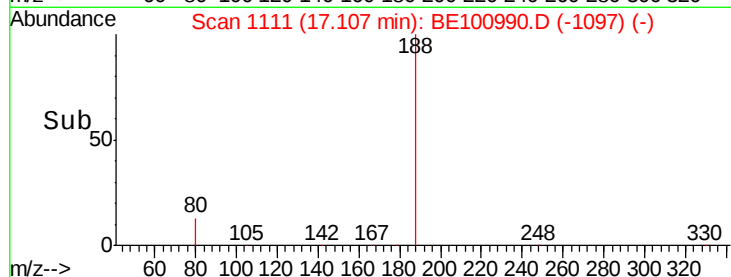
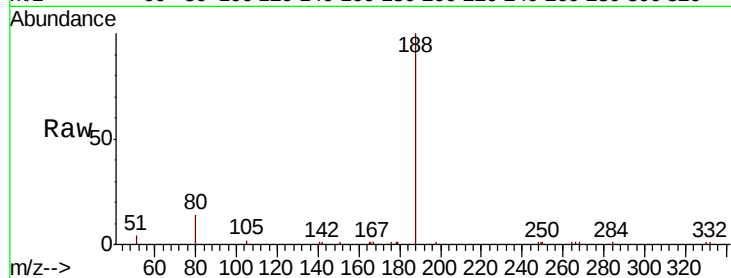




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

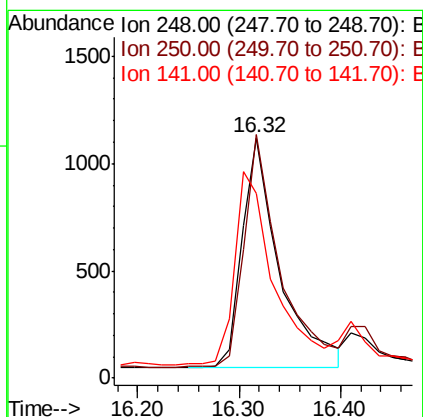
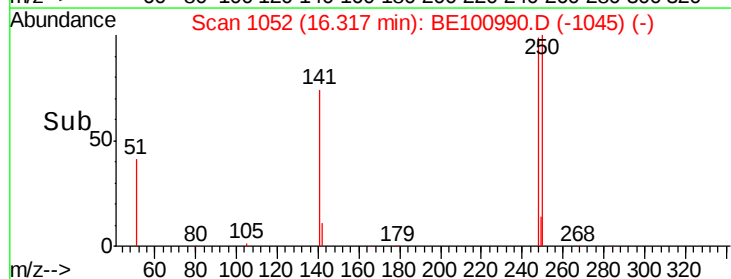
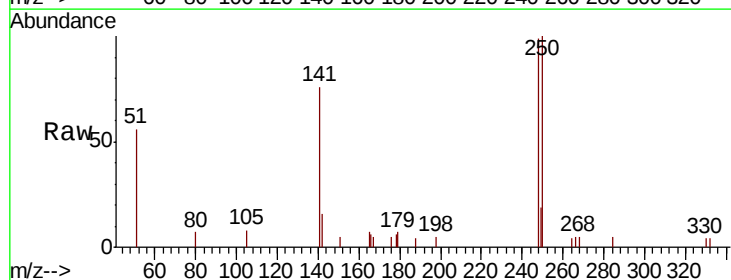
Instrument :
BNA_E
ClientSampleId :
PB125417BS

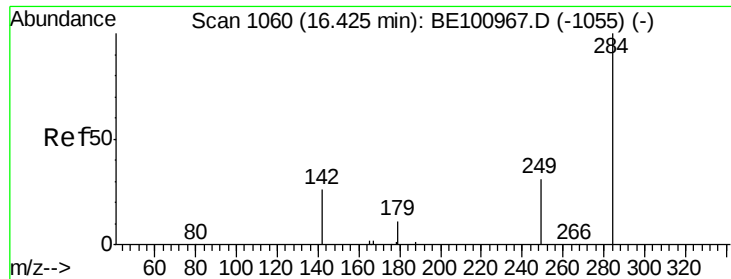
Tot Ion:188 Resp: 16374
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 9.7 14.5



#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100990.D
Acq: 27 Dec 2019 13:07

Tgt Ion:248 Resp: 2753
Ion Ratio Lower Upper
248 100
250 101.5 76.0 114.0
141 77.3 61.0 91.6





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

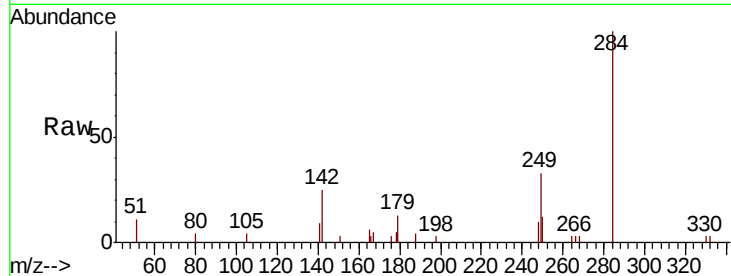
Tot Ion:284 Resp: 3305

Ion Ratio Lower Upper

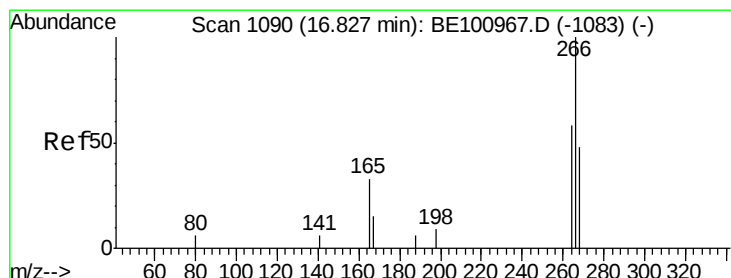
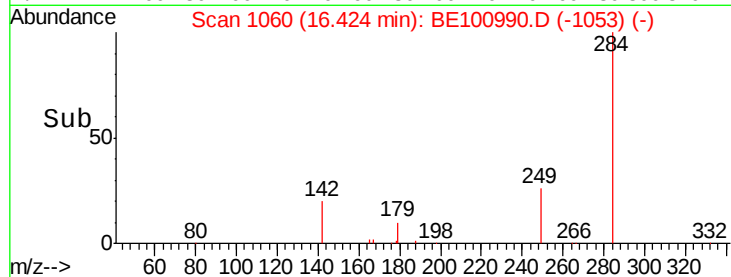
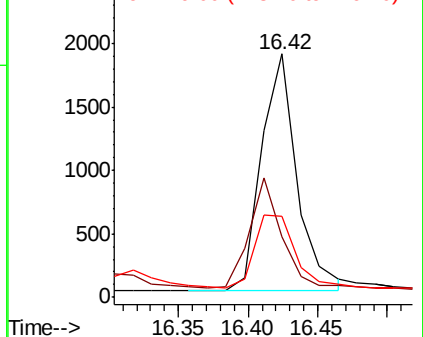
284 100

142 41.3 33.3 49.9

249 34.8 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.406 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.04 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

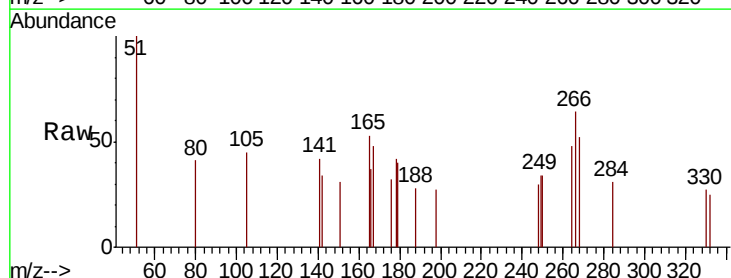
Tgt Ion:266 Resp: 320

Ion Ratio Lower Upper

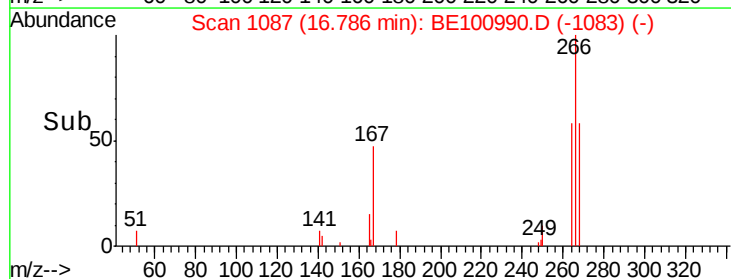
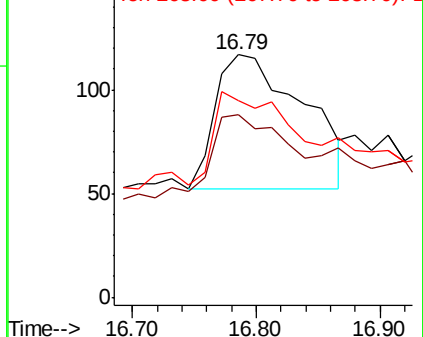
266 100

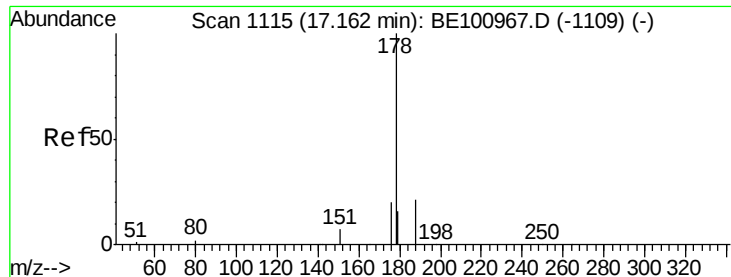
264 75.2 62.3 93.5

268 81.2 66.1 99.1



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: 0.393 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

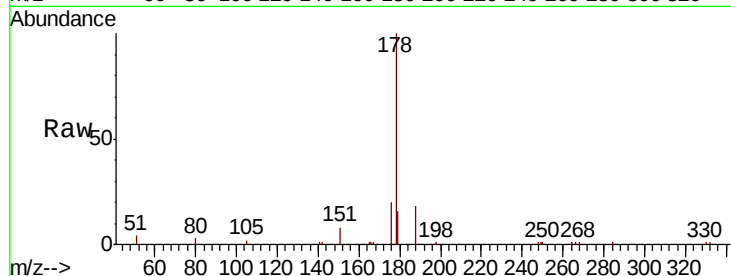
Tot Ion:178 Resp: 16605

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

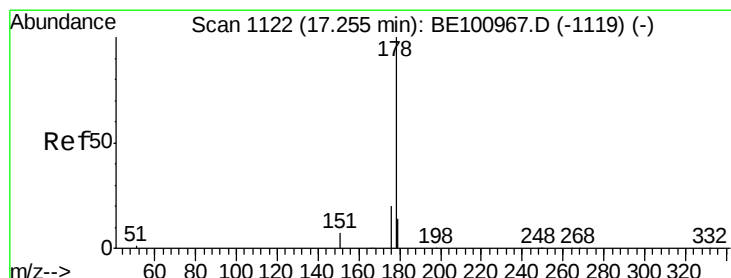
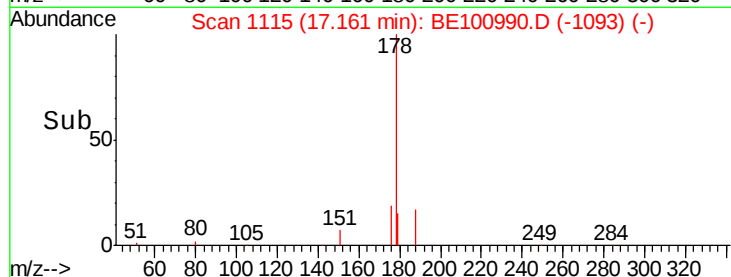
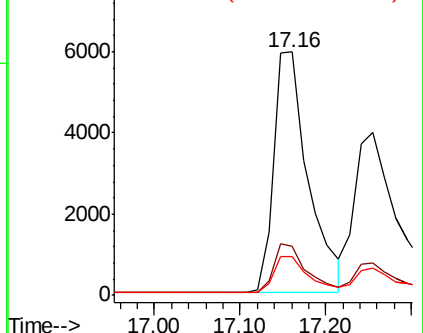
179 15.5 12.6 18.8



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: 0.221 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

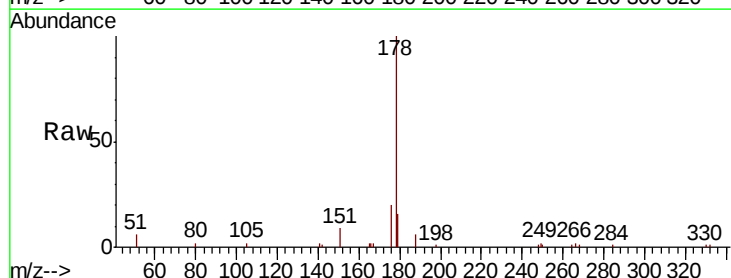
Tgt Ion:178 Resp: 9447

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.4

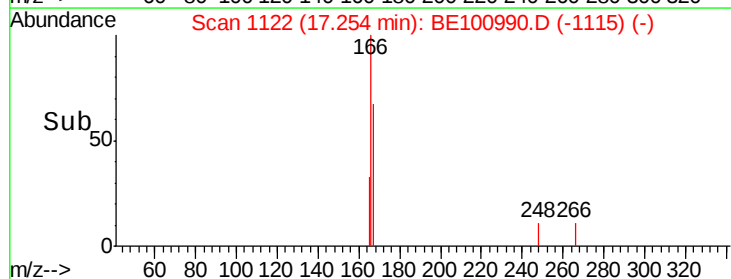
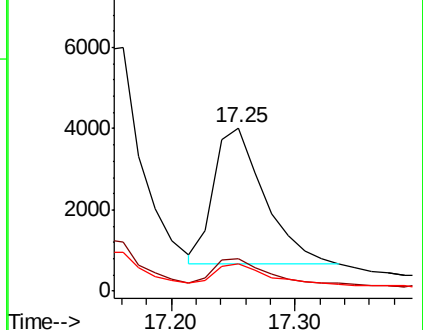
179 14.4 12.5 18.7

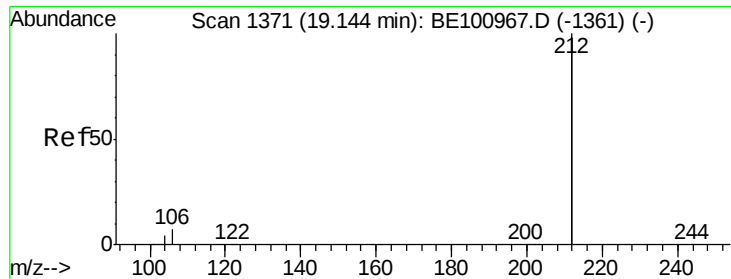


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

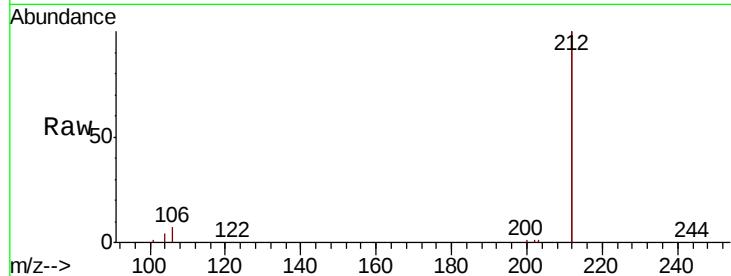
Tot Ion:212 Resp: 76024

Ion Ratio Lower Upper

212 100

106 3.2 2.4 3.6

104 1.9 1.4 2.0

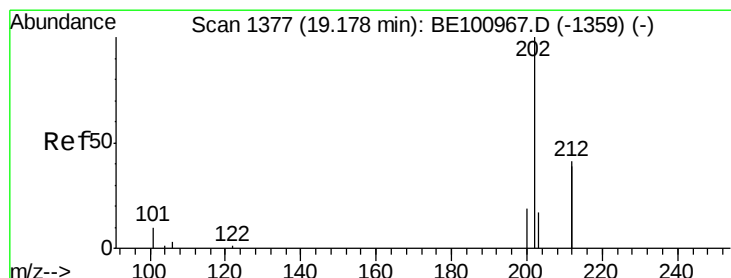
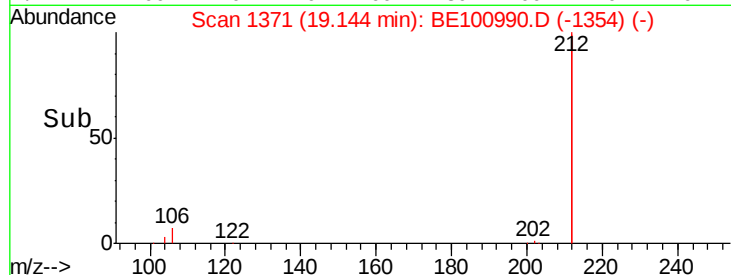
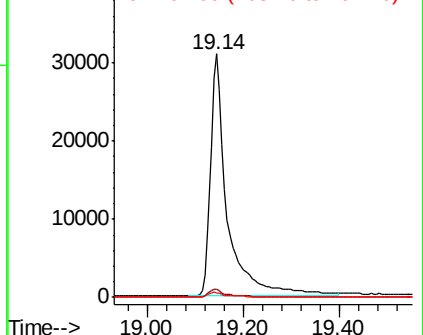


Abundance

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: 0.372 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

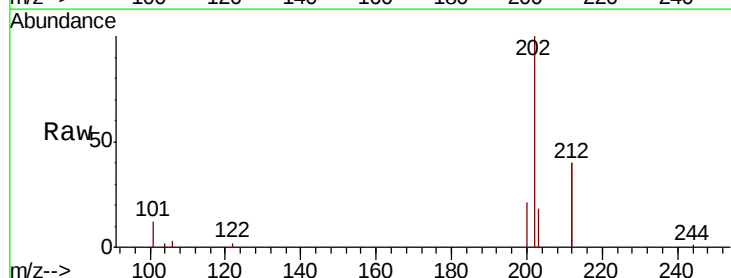
Tgt Ion:202 Resp: 21414

Ion Ratio Lower Upper

202 100

101 12.1 9.0 13.4

203 16.6 13.2 19.8

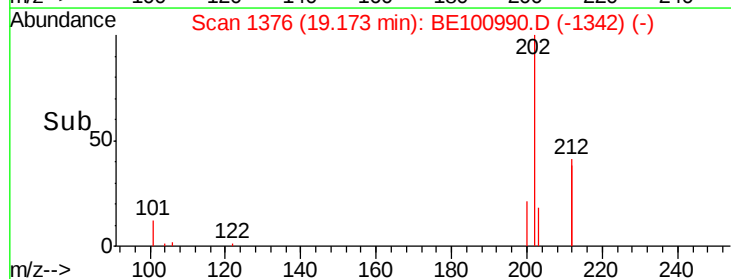
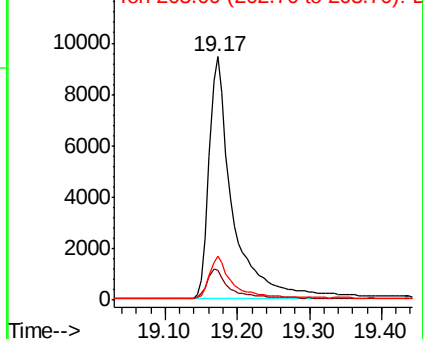


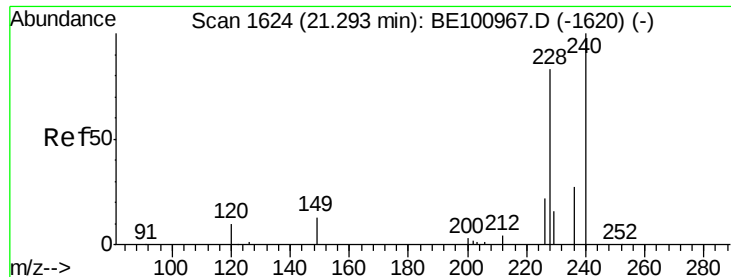
Abundance

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

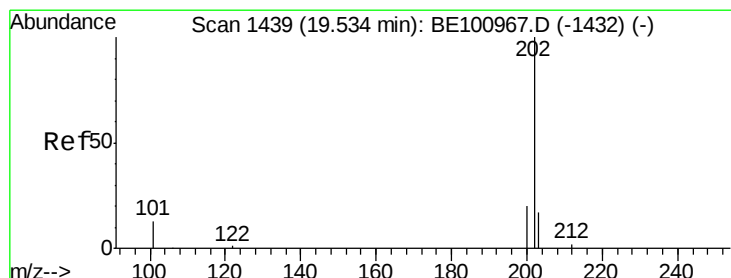
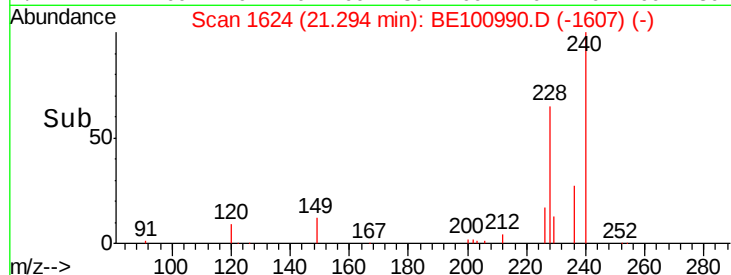
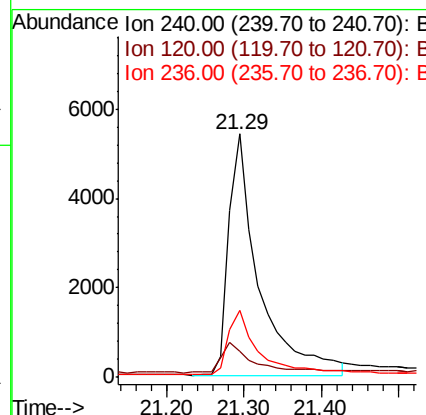
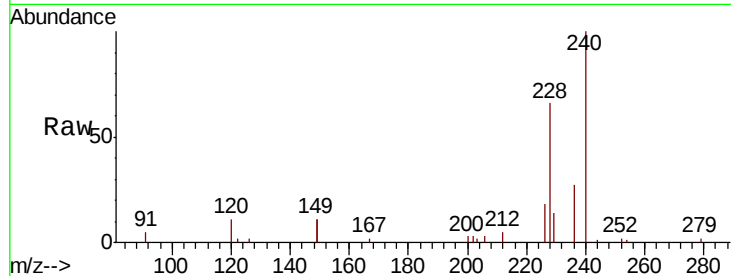




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100990.D
 Acq: 27 Dec 2019 13:07

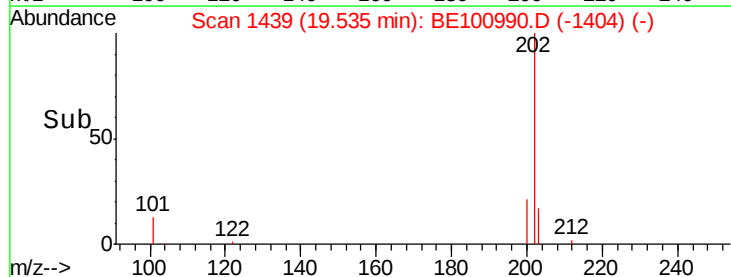
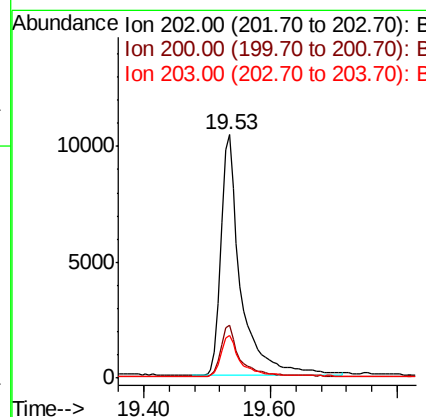
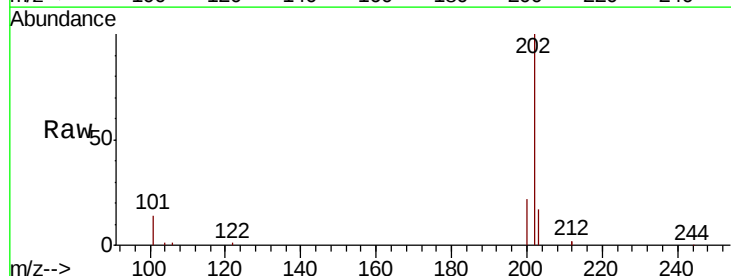
Instrument :
 BNA_E
 ClientSampleId :
 PB125417BS

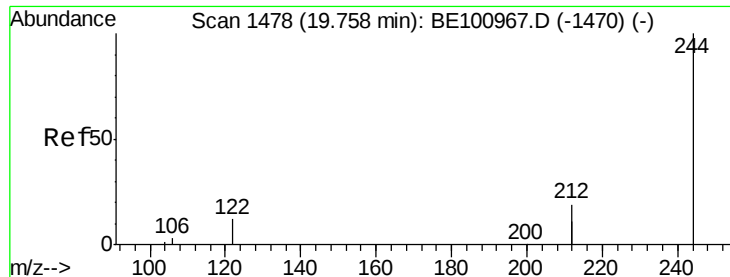
Tot Ion:240 Resp: 14621
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.2 15.4
 236 27.5 22.6 34.0



#28
 Pyrene
 Concen: 0.441 ng
 RT: 19.53 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE100990.D
 Acq: 27 Dec 2019 13:07

Tgt Ion:202 Resp: 22550
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 17.3 13.8 20.6





#29

Terphenyl-d14

Concen: 0.446 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

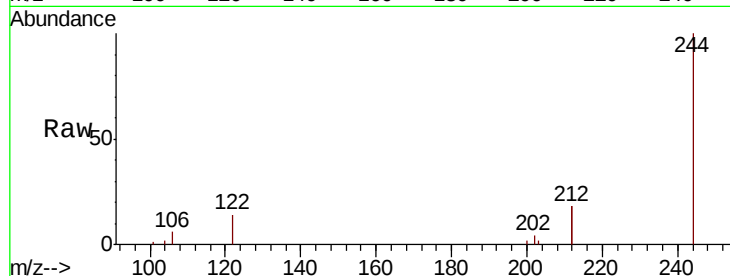
Tot Ion:244 Resp: 14974

Ion Ratio Lower Upper

244 100

212 35.5 29.3 43.9

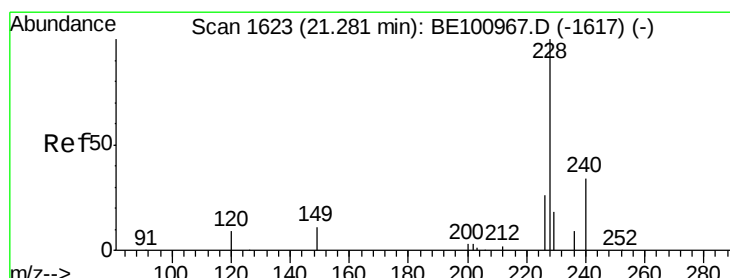
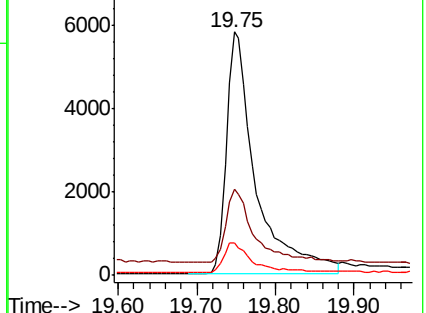
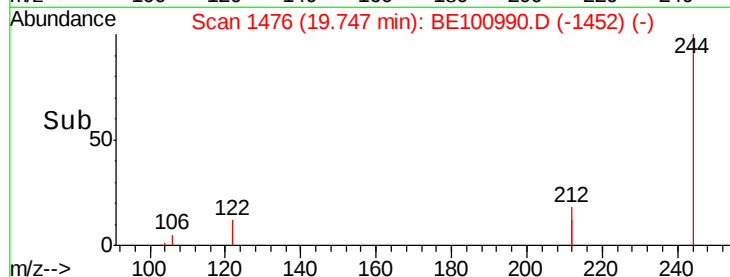
122 13.5 10.2 15.4



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: 0.416 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

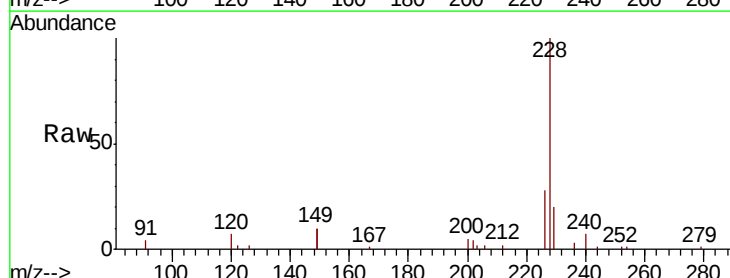
Tgt Ion:228 Resp: 14895

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

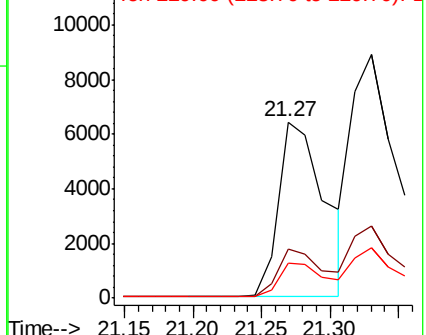
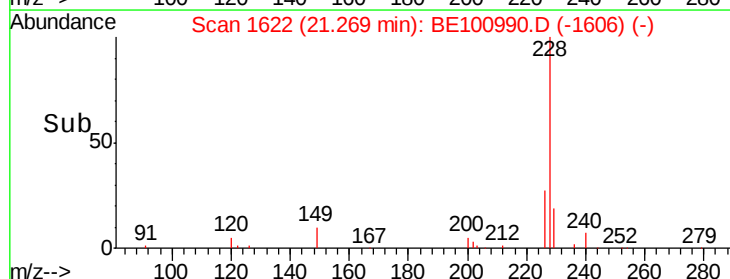
229 19.6 15.4 23.0

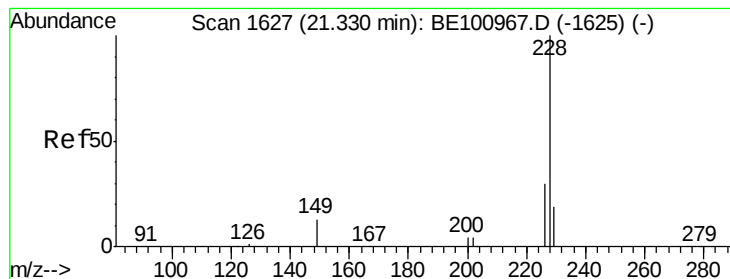


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.281 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

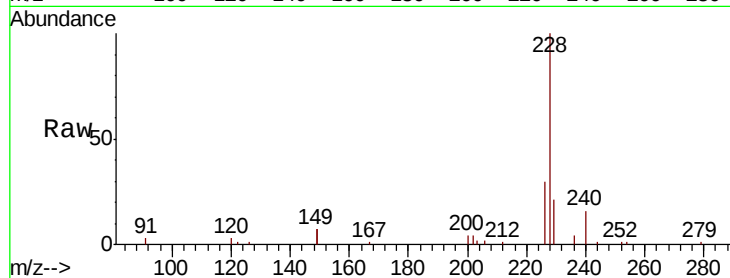
Tot Ion:228 Resp: 18729

Ion Ratio Lower Upper

228 100

226 29.8 23.6 35.4

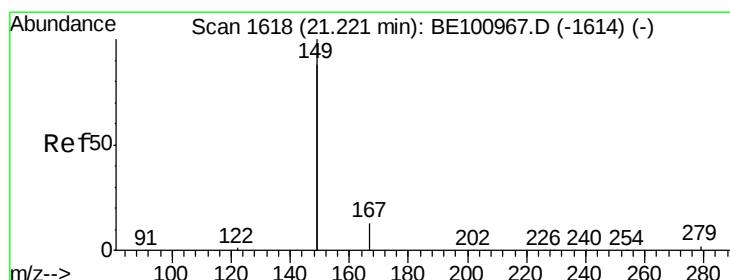
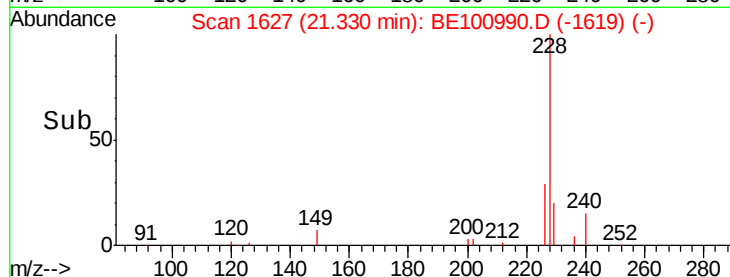
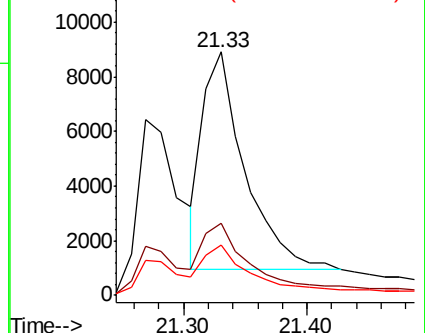
229 20.6 15.7 23.5



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: 0.393 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

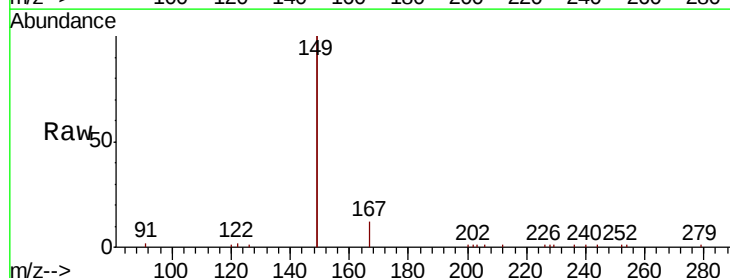
Tgt Ion:149 Resp: 24949

Ion Ratio Lower Upper

149 100

167 6.4 5.1 7.7

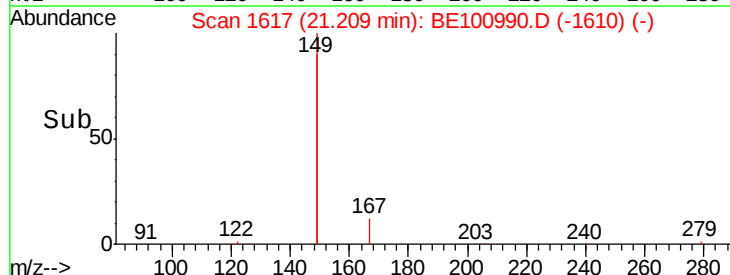
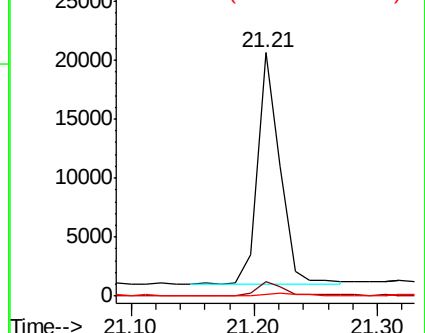
279 0.8 0.6 1.0

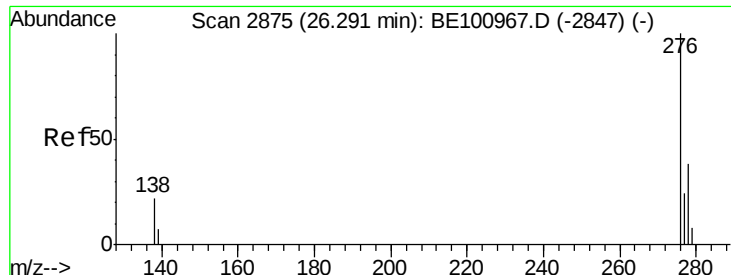


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.371 ng

RT: 26.28 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

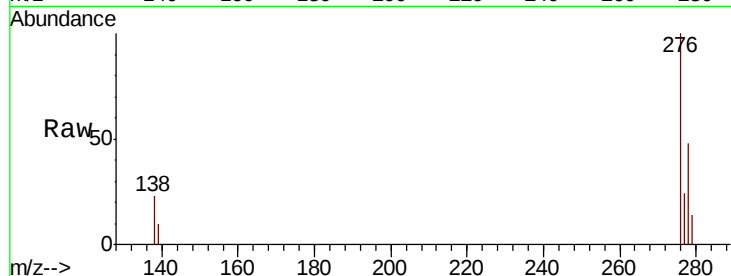
Tot Ion:276 Resp: 18608

Ion Ratio Lower Upper

276 100

138 23.7 14.8 22.2#

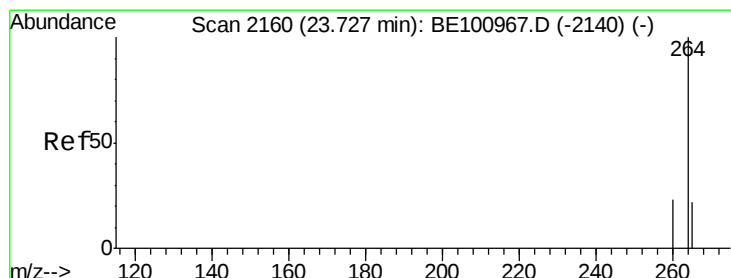
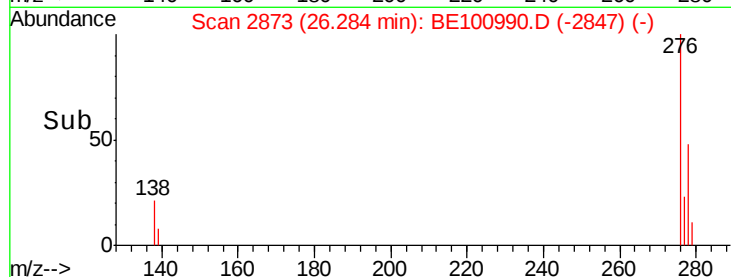
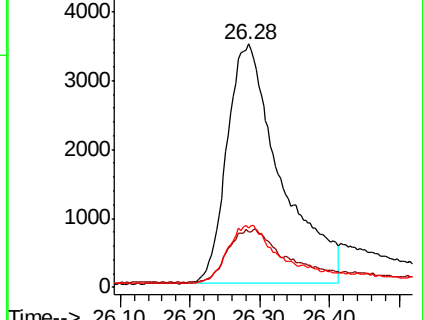
277 9.5 18.0 27.0#



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: 23.72 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

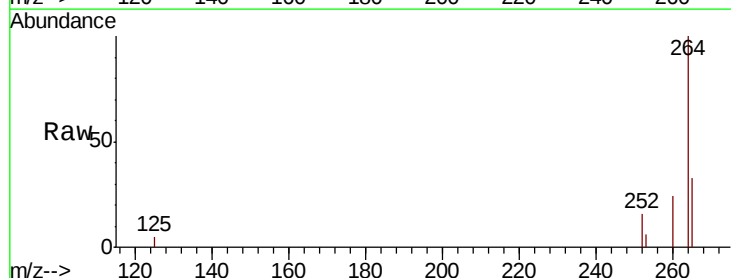
Tgt Ion:264 Resp: 16679

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

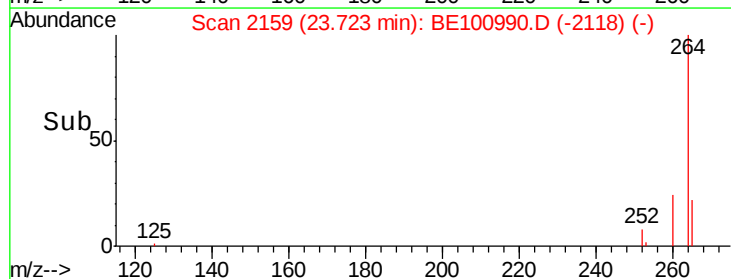
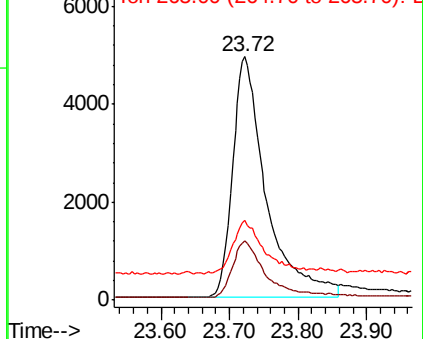
265 32.5 26.6 40.0

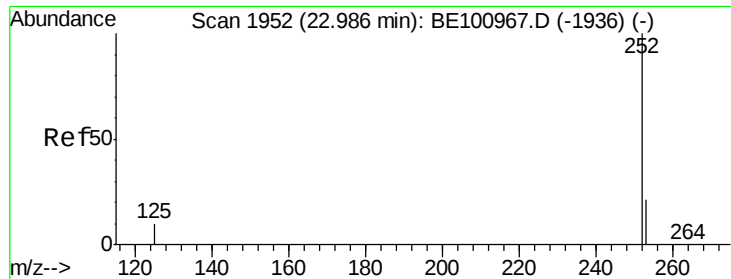


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.461 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

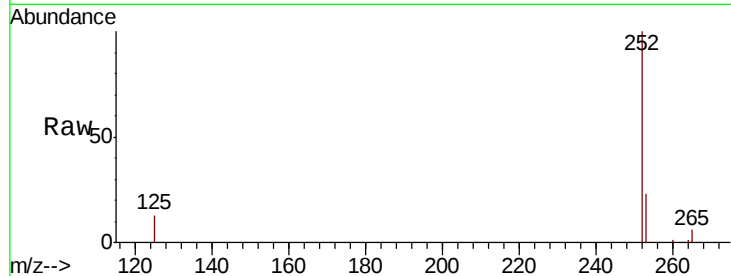
Tot Ion:252 Resp: 16204

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

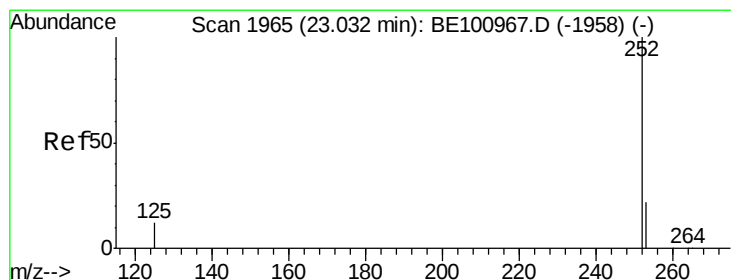
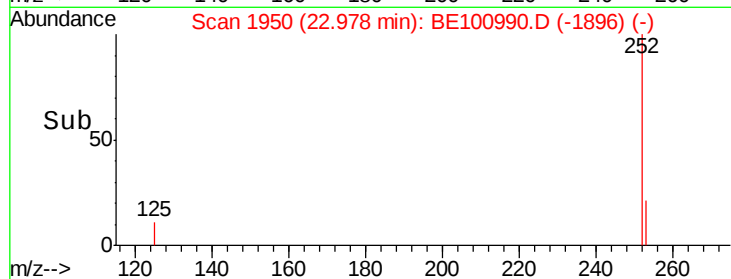
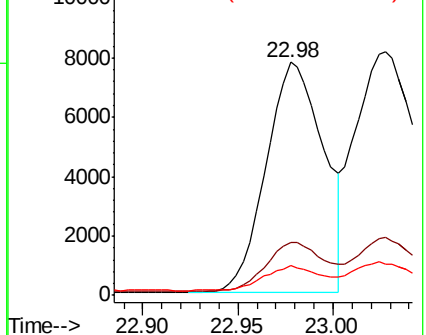
125 12.7 9.7 14.5



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



#36

Benzo(k)fluoranthene

Concen: 0.389 ng

RT: 23.03 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

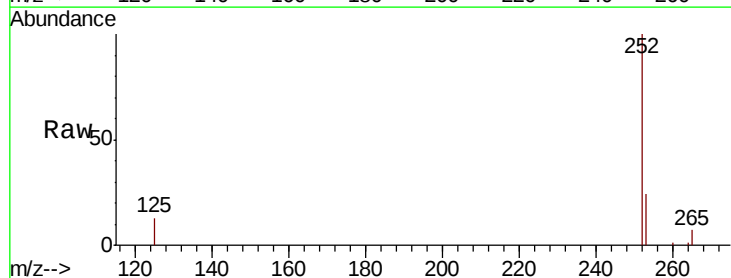
Tgt Ion:252 Resp: 25878

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

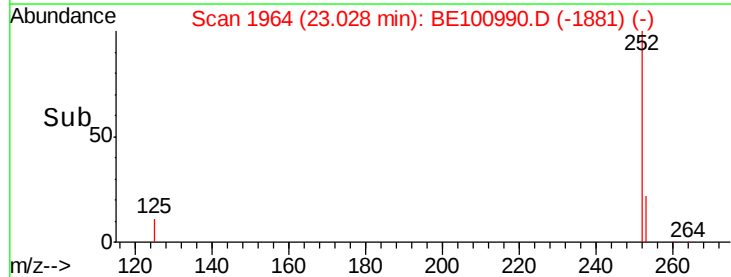
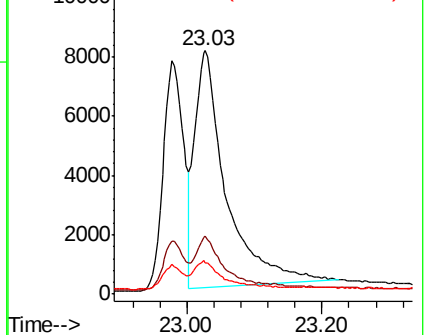
125 12.9 11.2 16.8

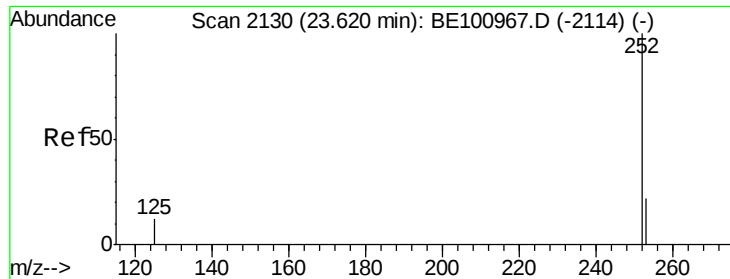


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.429 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

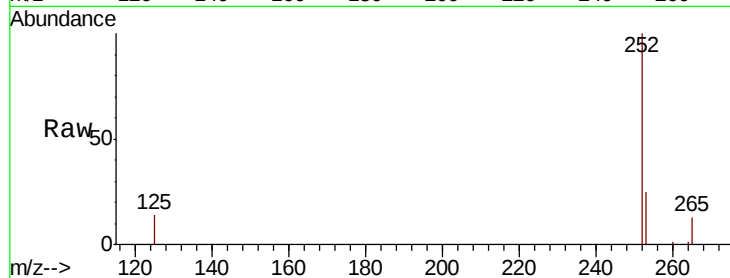
Tot Ion:252 Resp: 17575

Ion Ratio Lower Upper

252 100

253 24.8 20.1 30.1

125 14.3 12.6 18.8

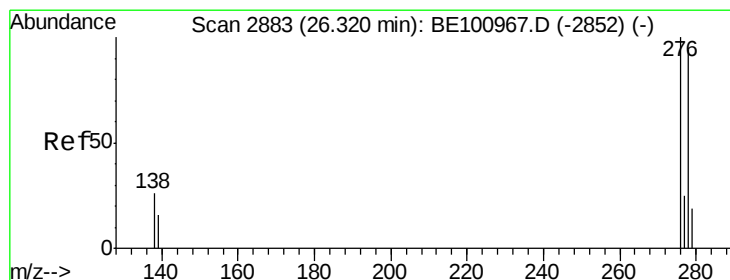
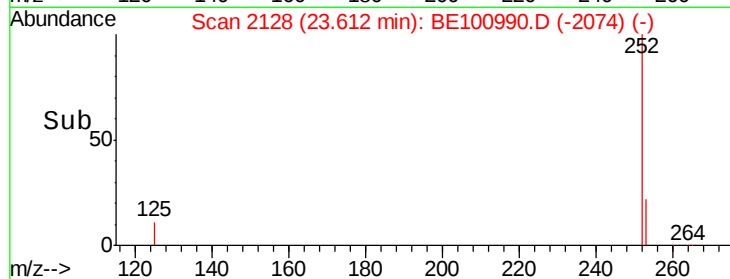
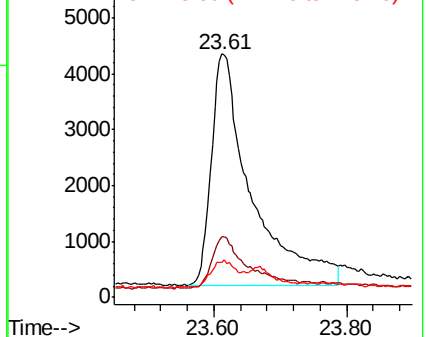


Abundance

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: 0.327 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

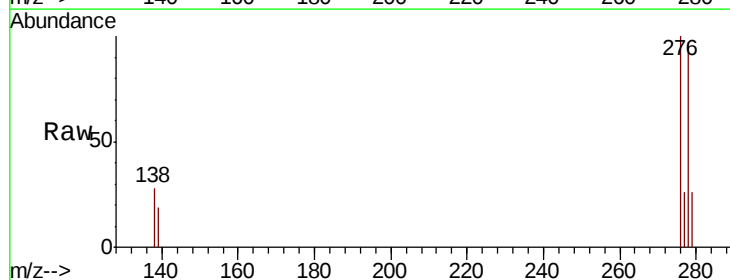
Tgt Ion:278 Resp: 12132

Ion Ratio Lower Upper

278 100

139 20.1 16.4 24.6

279 27.4 19.3 28.9

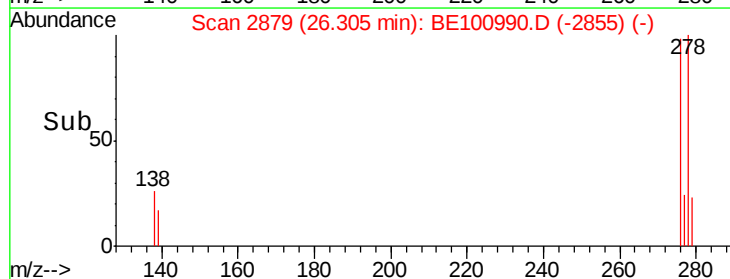
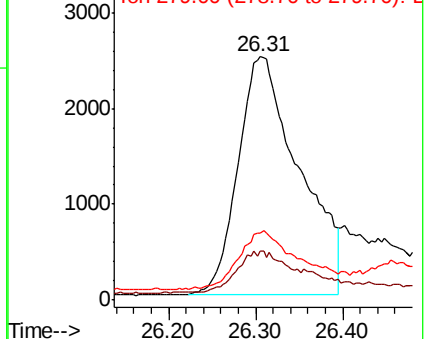


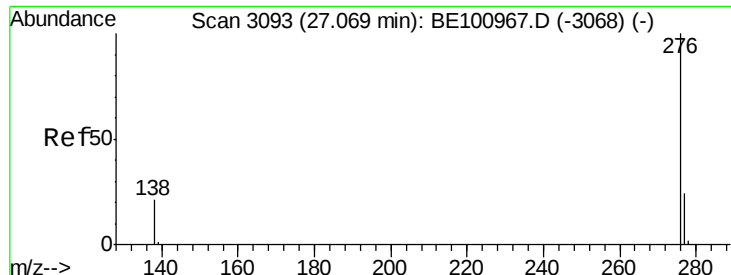
Abundance

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: 0.447 ng

RT: 27.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BE100990.D

Acq: 27 Dec 2019 13:07

Instrument :

BNA_E

ClientSampleId :

PB125417BS

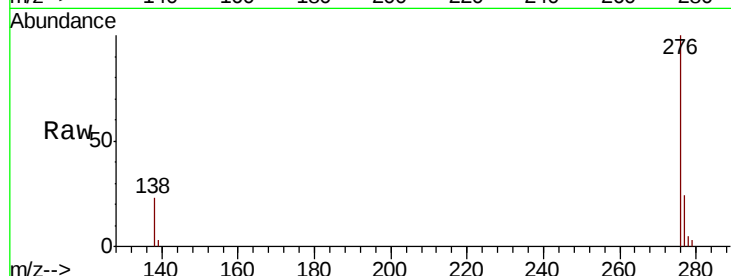
Tot Ion: 276 Resp: 19568

Ion Ratio Lower Upper

276 100

277 24.1 20.0 30.0

138 23.2 18.6 27.8



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

