

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
 Data File : BE100800.D
 Acq On : 6 Dec 2019 10:33
 Operator : JU
 Sample : PB125273BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BS

Quant Time: Dec 06 12:49:10 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	5510	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24336	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13837	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33955	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	35009	0.40	ng	0.00
34) Perylene-d12	23.75	264	44719	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	3923	0.30	ng	0.00
5) Phenol-d6	6.93	99	4106	0.21	ng	0.00
8) Nitrobenzene-d5	8.90	82	6558	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12882	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1067	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	19757	0.36	ng	0.00
25) Fluoranthene-d10	19.16	212	154751	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	35064	0.42	ng	0.00

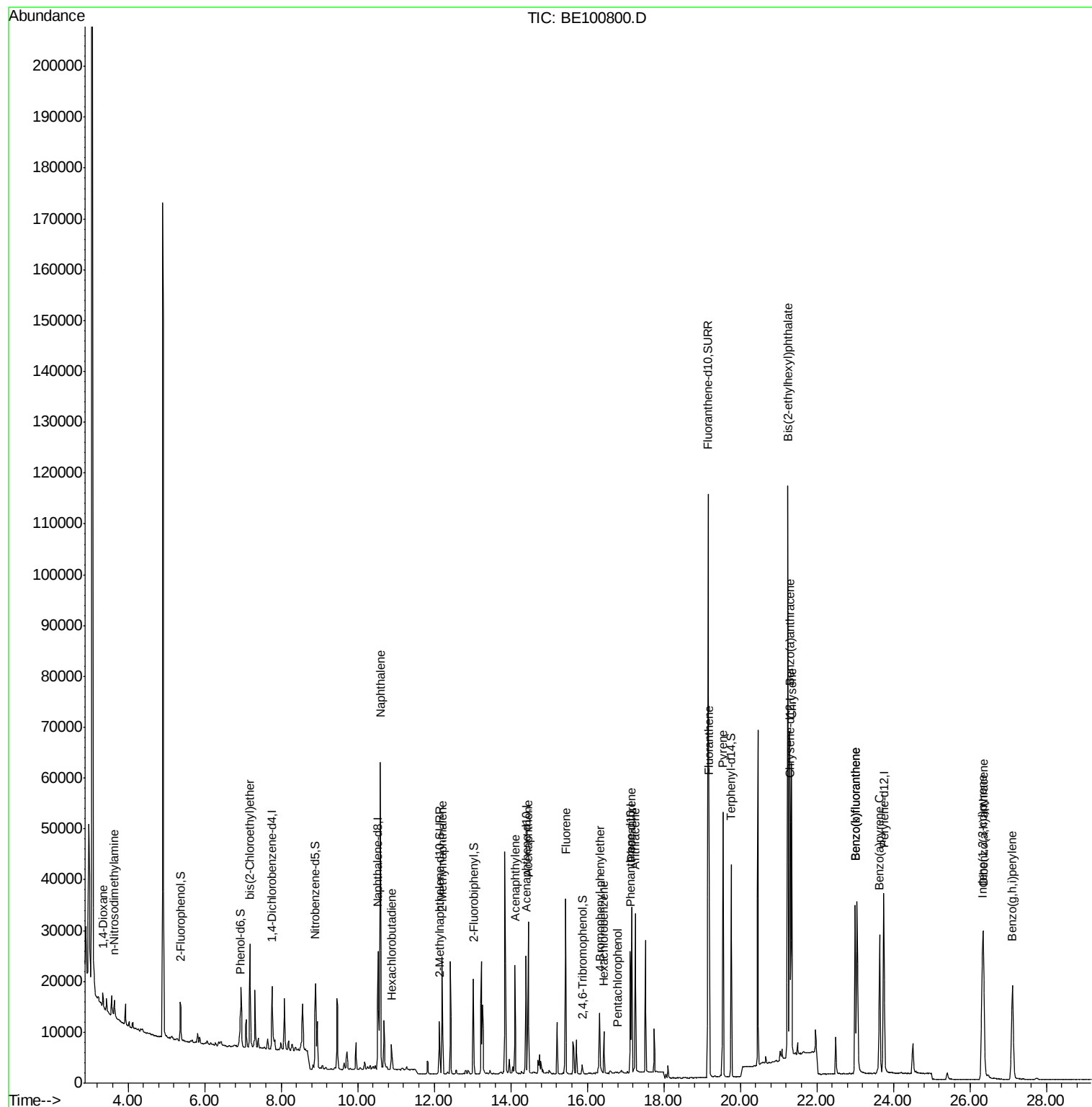
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1672	0.166	ng	# 4
3) n-Nitrosodimethylamine	3.64	42	1823	0.223	ng	# 95
6) bis(2-Chloroethyl)ether	7.18	93	7059	0.370	ng	98
9) Naphthalene	10.59	128	93146	0.360	ng	100
10) Hexachlorobutadiene	10.89	225	3106	0.308	ng	98
12) 2-Methylnaphthalene	12.21	142	14785	0.366	ng	100
16) Acenaphthylene	14.11	152	22277	0.389	ng	100
17) Acenaphthene	14.46	154	14025	0.355	ng	98
18) Fluorene	15.43	166	19381	0.381	ng	96
20) 4-Bromophenyl-phenylether	16.33	248	7037	0.422	ng	97
21) Hexachlorobenzene	16.44	284	5702	0.315	ng	99
22) Pentachlorophenol	16.79	266	157	0.125	ng	95
23) Phenanthrene	17.16	178	37007	0.360	ng	100
24) Anthracene	17.25	178	32291	0.375	ng	99
26) Fluoranthene	19.19	202	44889	0.366	ng	99
28) Pyrene	19.55	202	47050	0.414	ng	99
30) Benzo(a)anthracene	21.29	228	45242	0.438	ng	99
31) Chrysene	21.34	228	45135	0.372	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	128574	1.453	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	49762	0.471	ng	99
35) Benzo(b)fluoranthene	23.00	252	44949	0.367	ng	99
36) Benzo(k)fluoranthene	23.00	252	44949	0.327	ng	99
37) Benzo(a)pyrene	23.64	252	42724	0.403	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	41006	0.389	ng	98
39) Benzo(g,h,i)perylene	27.11	276	42631	0.378	ng	99

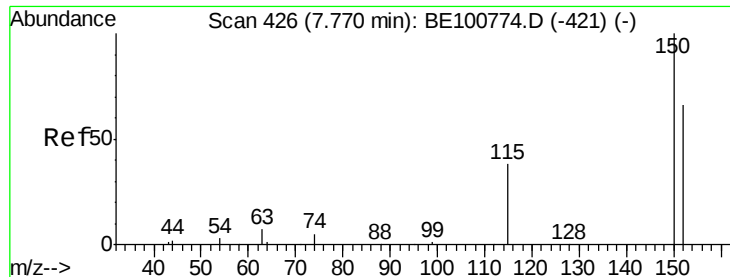
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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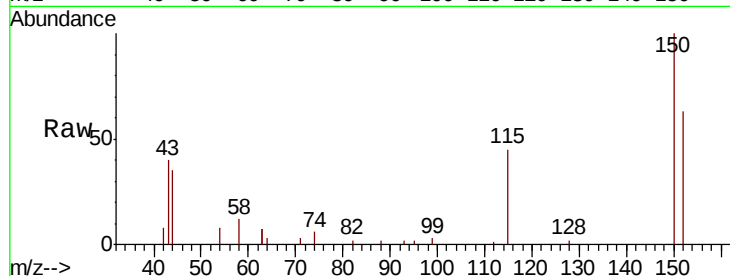


#1

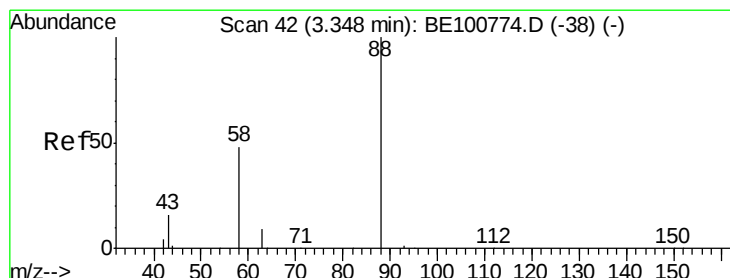
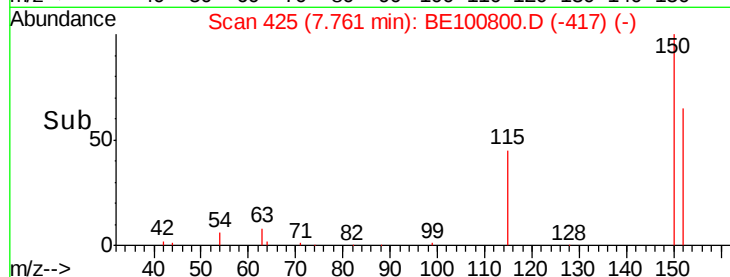
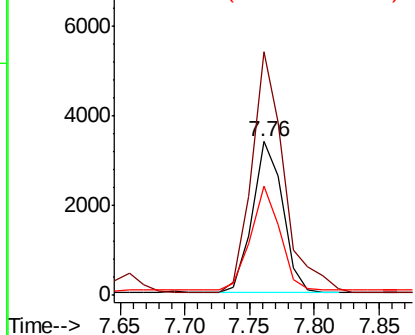
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Instrument :
BNA_E
ClientSampleId :
PB125273BS

Tot Ion:152 Resp: 5510
Ion Ratio Lower Upper
152 100
150 158.7 120.6 181.0
115 71.0 47.4 71.2



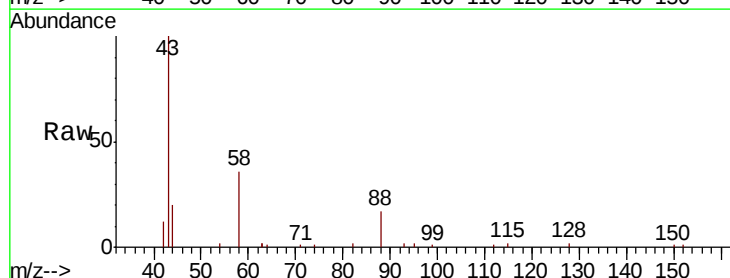
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



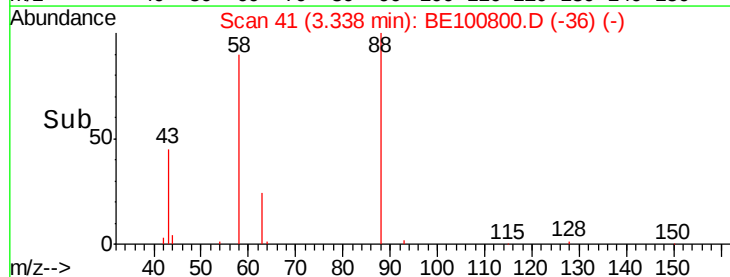
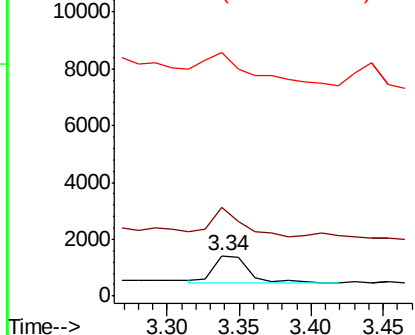
#2

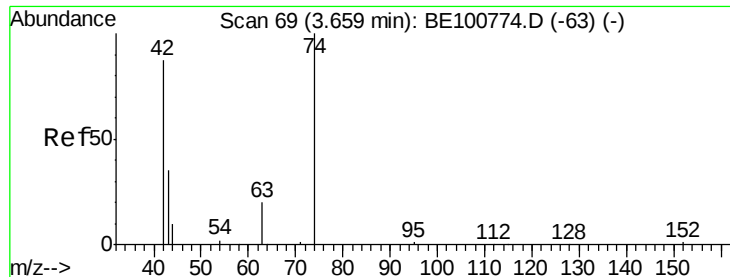
1,4-Dioxane
Concen: 0.166 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Tgt Ion: 88 Resp: 1672
Ion Ratio Lower Upper
88 100
58 89.1 52.5 78.7#
43 160.4 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: 0.223 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

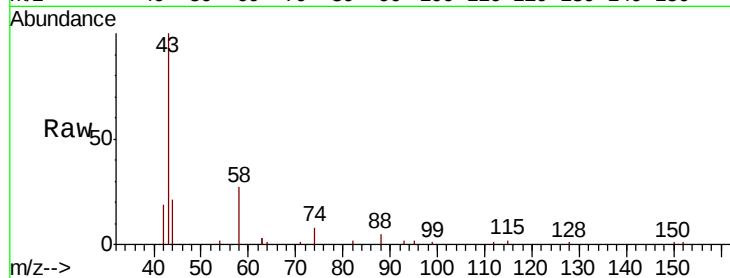
Tot Ion: 42 Resp: 1823

Ion Ratio Lower Upper

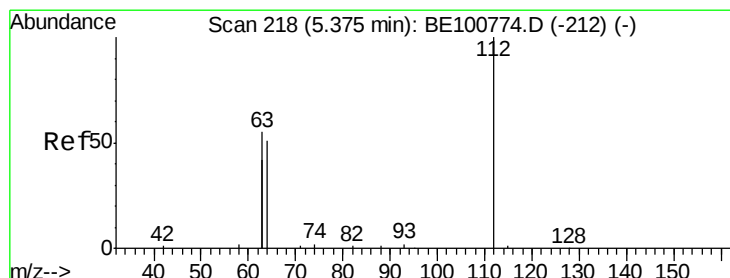
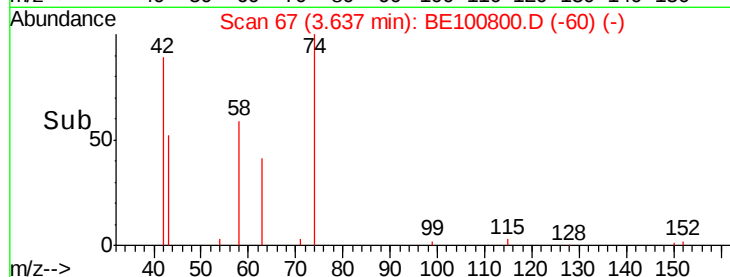
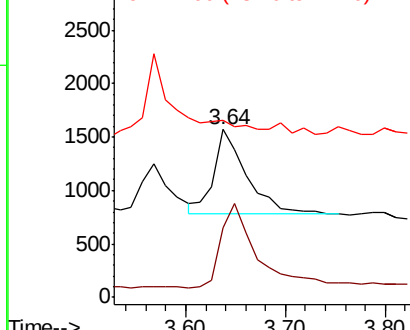
42 100

74 107.0 86.3 129.5

44 0.0 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: 0.300 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

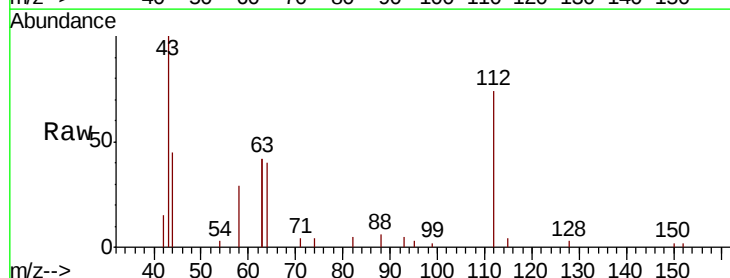
Tgt Ion: 112 Resp: 3923

Ion Ratio Lower Upper

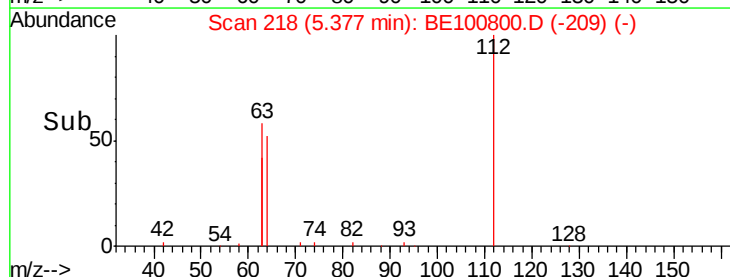
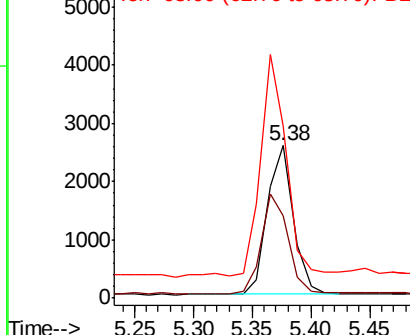
112 100

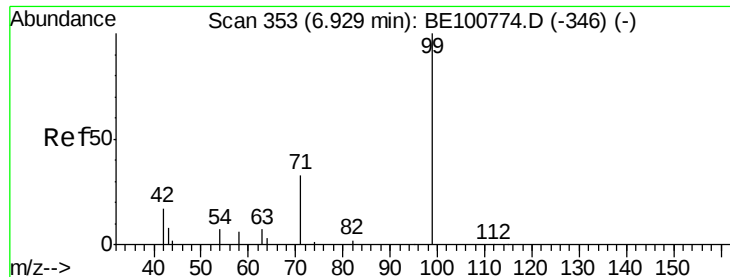
64 68.8 54.1 81.1

63 144.3 113.2 169.8



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: 0.208 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

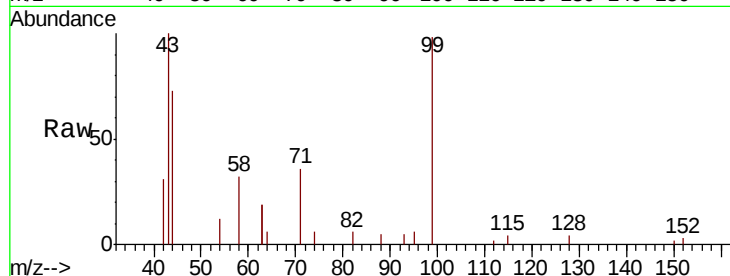
Tot Ion: 99 Resp: 4106

Ion Ratio Lower Upper

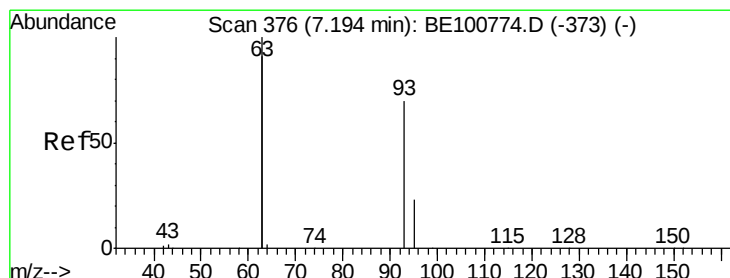
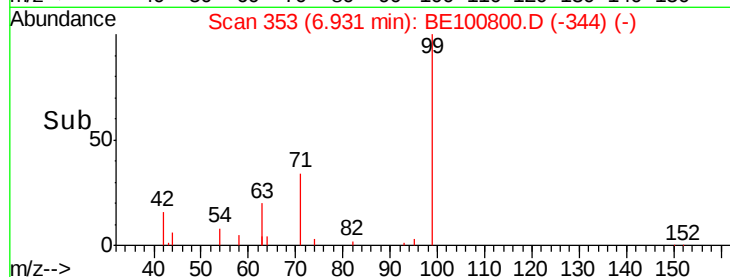
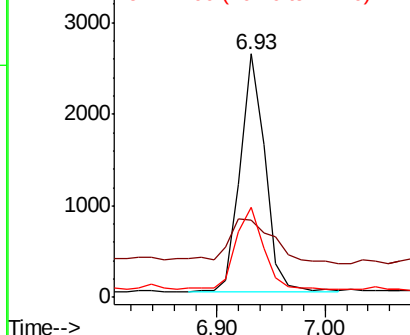
99 100

42 35.8 19.1 28.7#

71 37.9 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: 0.370 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

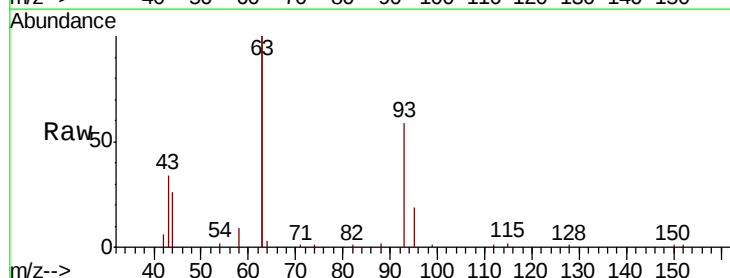
Tgt Ion: 93 Resp: 7059

Ion Ratio Lower Upper

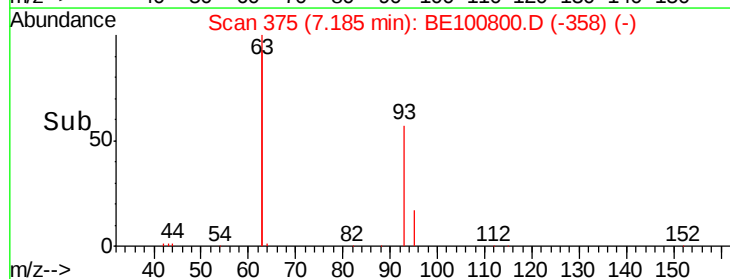
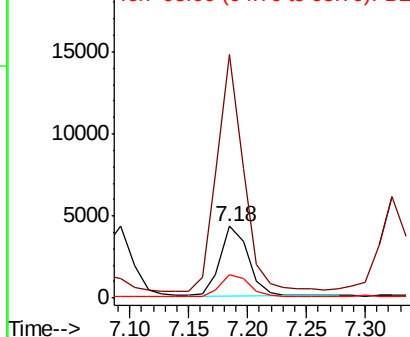
93 100

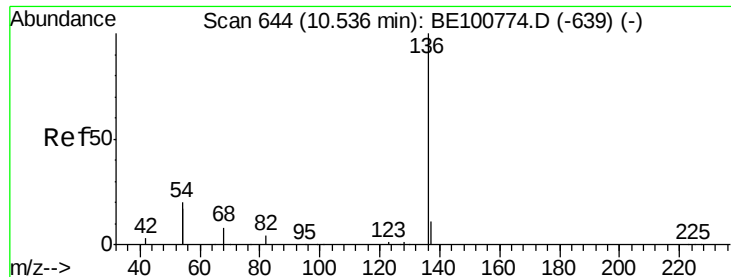
63 319.9 259.4 389.0

95 32.5 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: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

Tot Ion:136 Resp: 24336

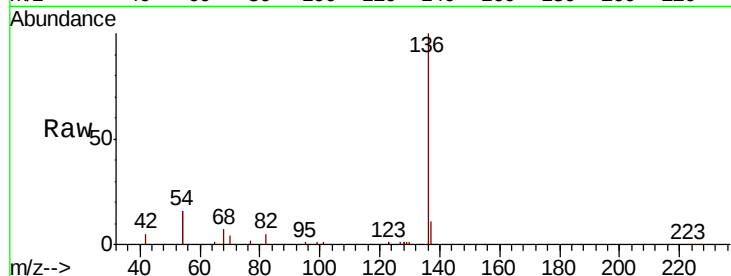
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 32.5 31.1 46.7

68 7.4 6.6 10.0

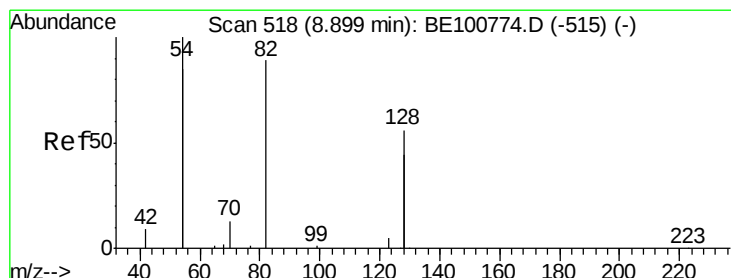
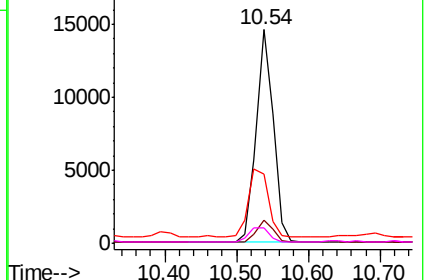
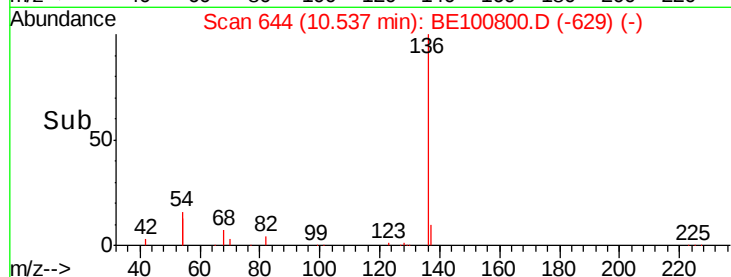


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.566 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

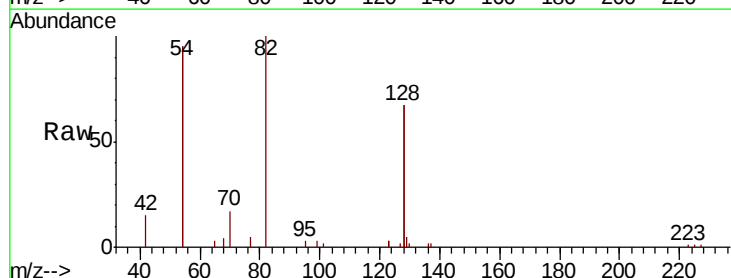
Tgt Ion: 82 Resp: 6558

Ion Ratio Lower Upper

82 100

128 133.8 97.0 145.4

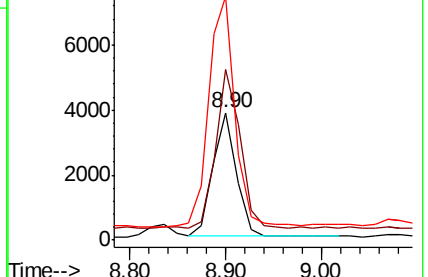
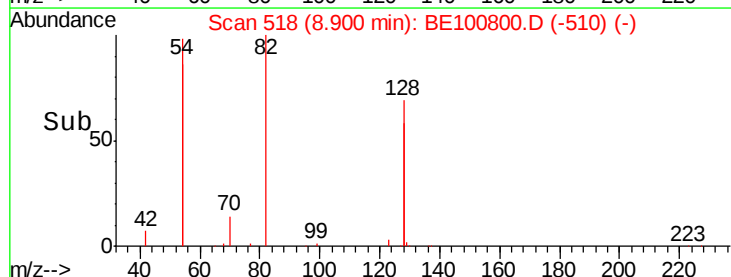
54 190.8 171.8 257.6

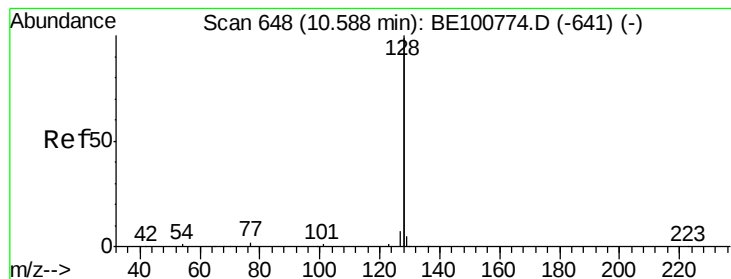


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.360 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

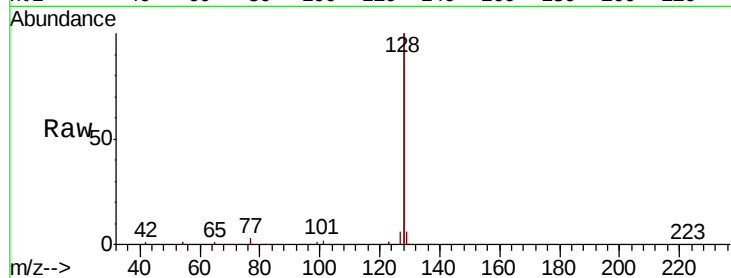
Tot Ion:128 Resp: 93146

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

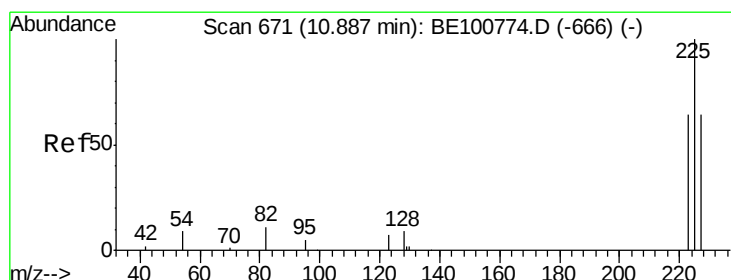
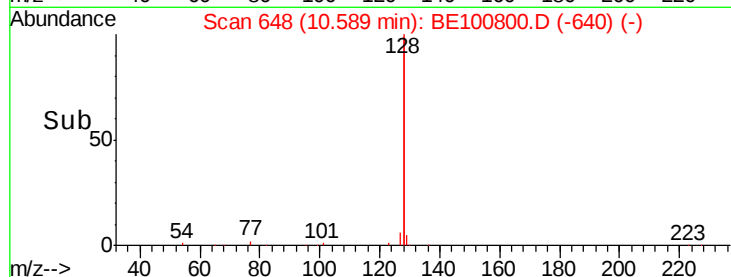
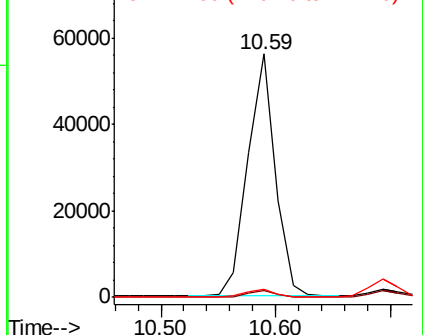
127 3.2 2.7 4.1



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: 0.308 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

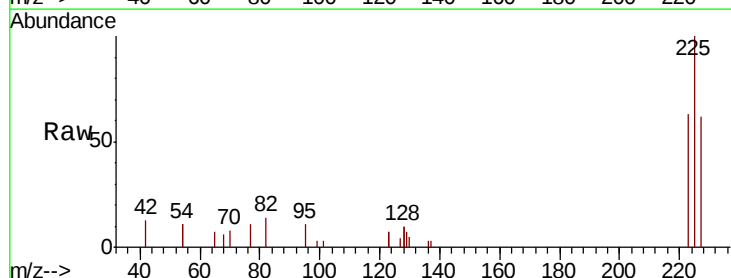
Tgt Ion:225 Resp: 3106

Ion Ratio Lower Upper

225 100

223 62.2 49.9 74.9

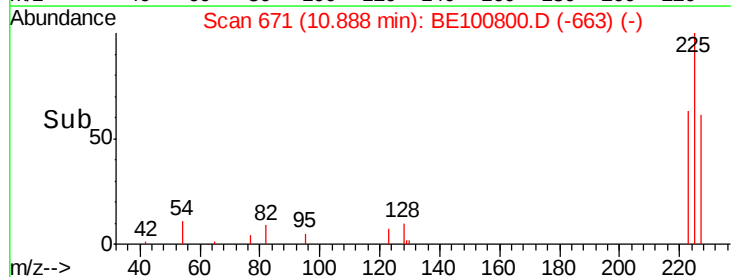
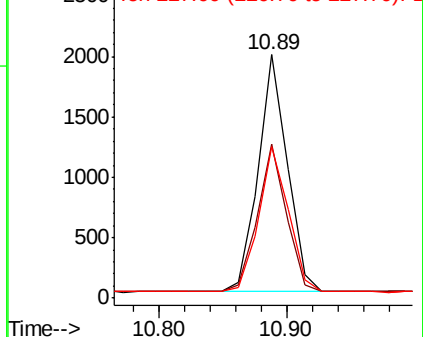
227 62.6 52.2 78.4

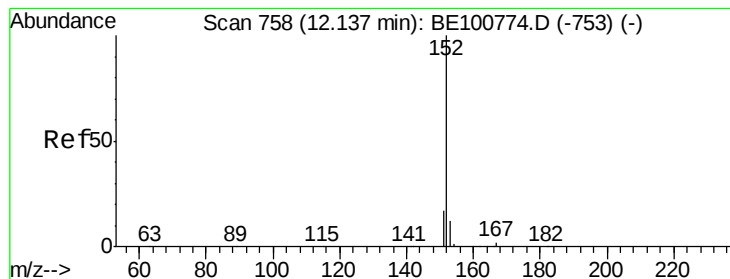


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

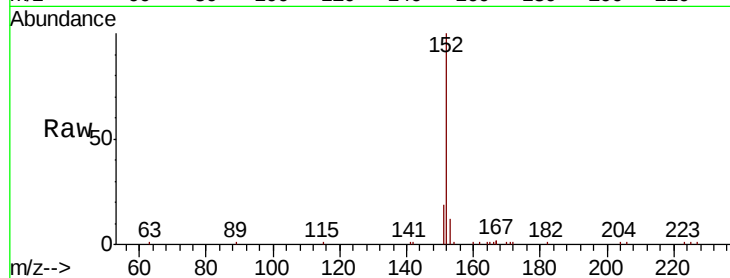
PB125273BS

Tot Ion:152 Resp: 12882

Ion Ratio Lower Upper

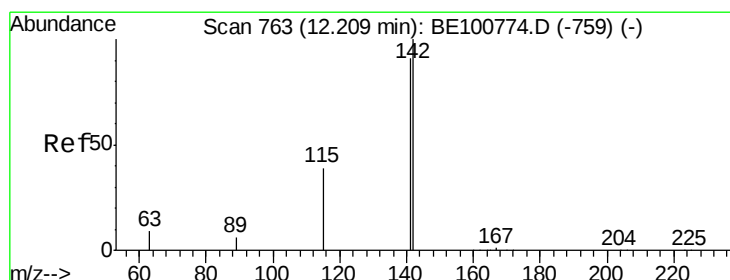
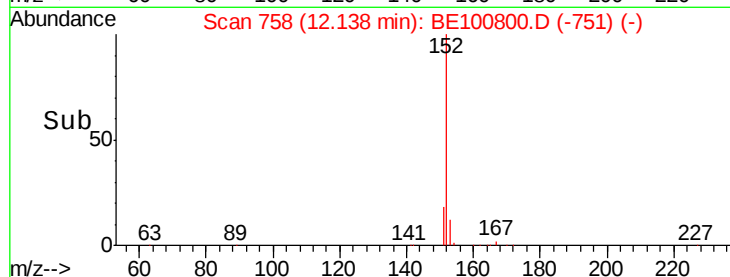
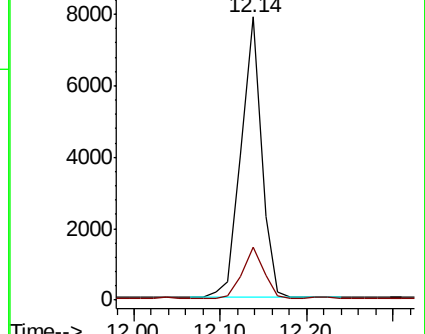
152 100

151 18.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

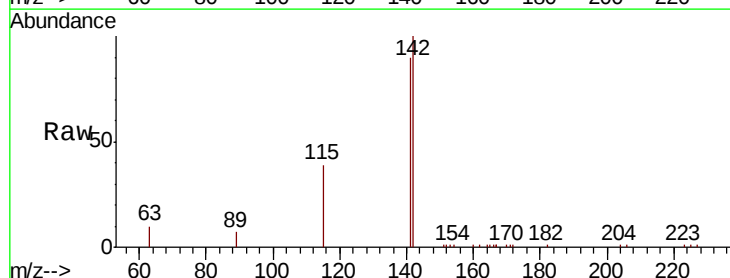
Tgt Ion:142 Resp: 14785

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8

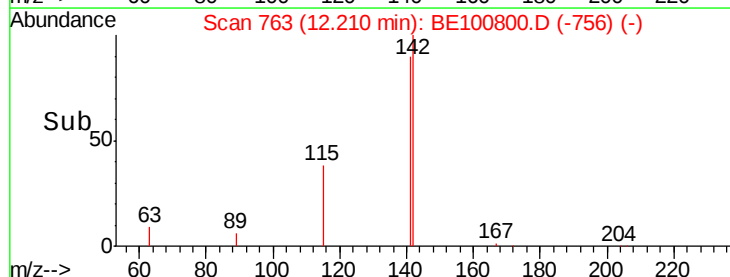
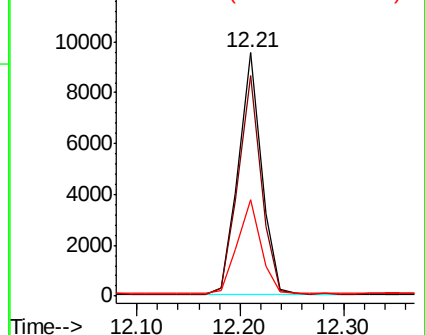
115 39.4 31.8 47.6

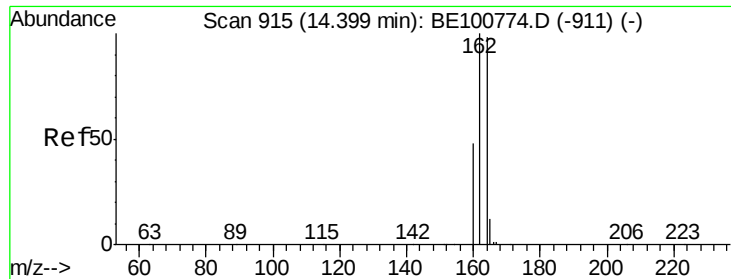


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

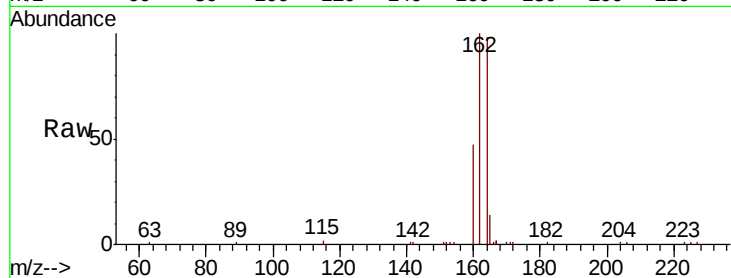




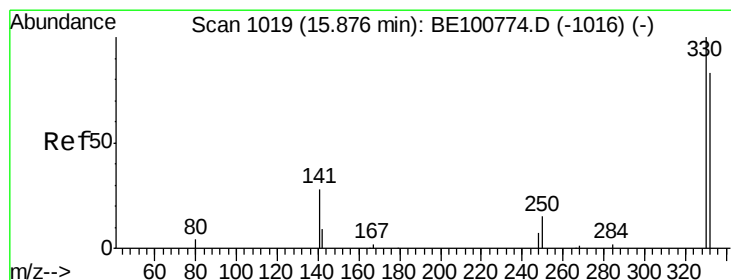
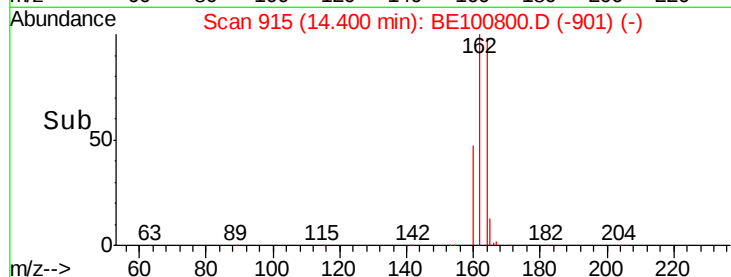
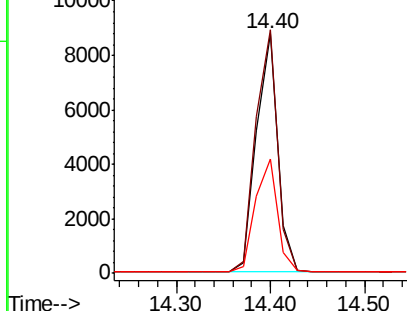
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BS

Tot Ion:164 Resp: 13837
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.4 122.0
 160 48.0 39.4 59.0

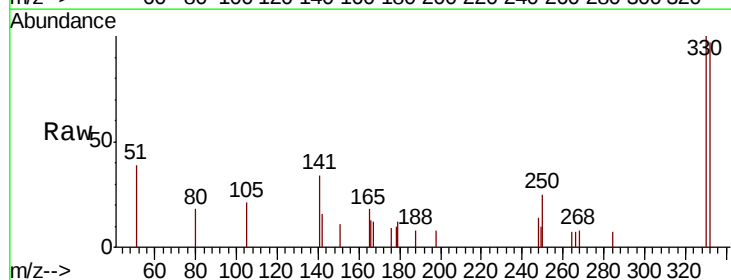


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

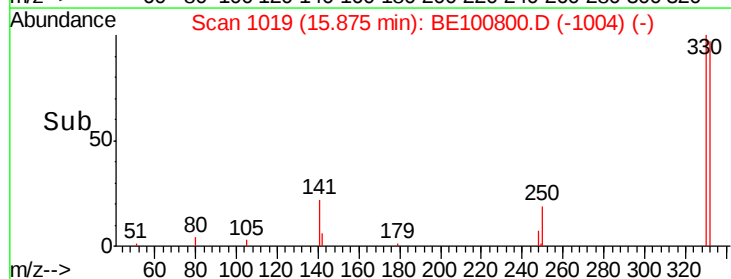
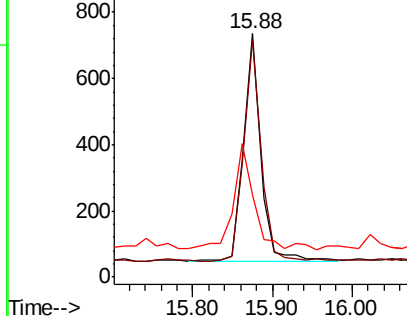


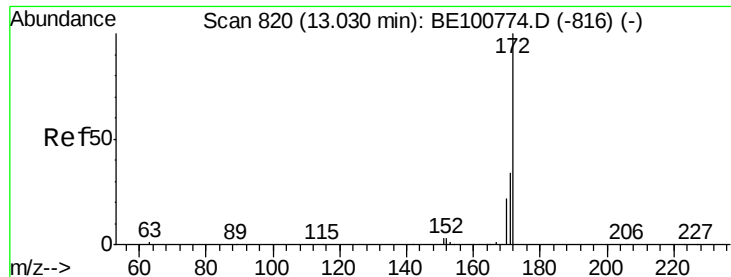
#14
 2,4,6-Tribromophenol
 Concen: 0.693 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

Tgt Ion:330 Resp: 1067
 Ion Ratio Lower Upper
 330 100
 332 96.5 69.4 104.2
 141 56.5 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

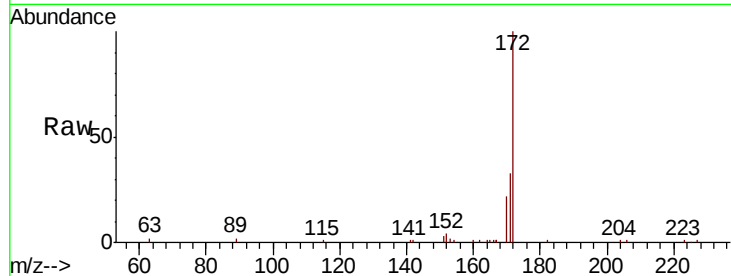




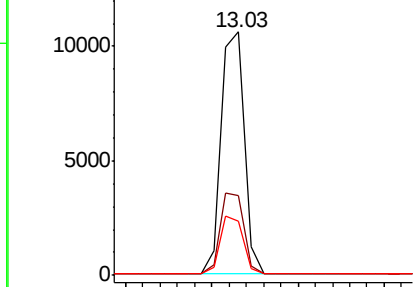
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Instrument :
BNA_E
ClientSampleId :
PB125273BS

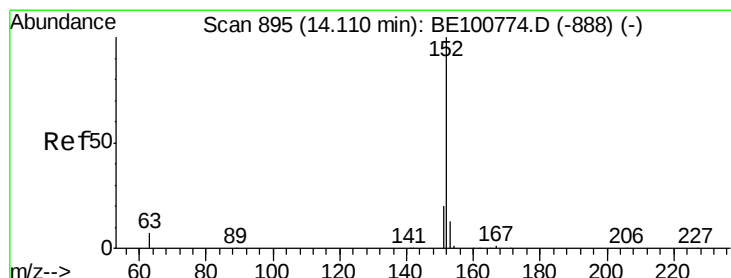
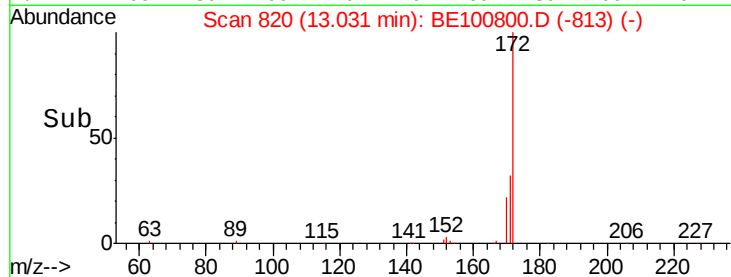
Tot Ion:172 Resp: 19757
Ion Ratio Lower Upper
172 100
171 32.7 27.2 40.8
170 22.0 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

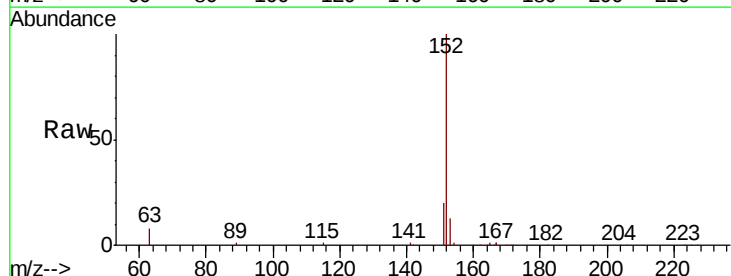


Time--> 12.90 13.00 13.10 13.20

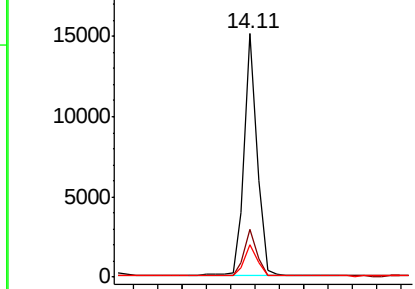


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

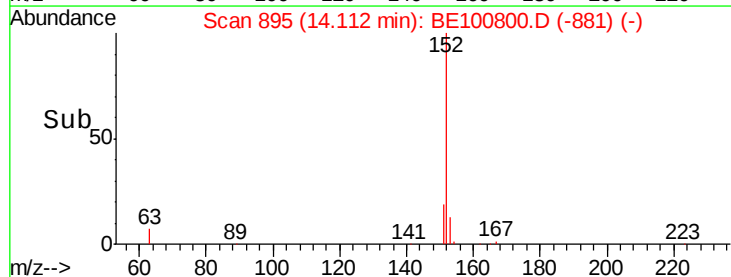
Tgt Ion:152 Resp: 22277
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.4 15.6

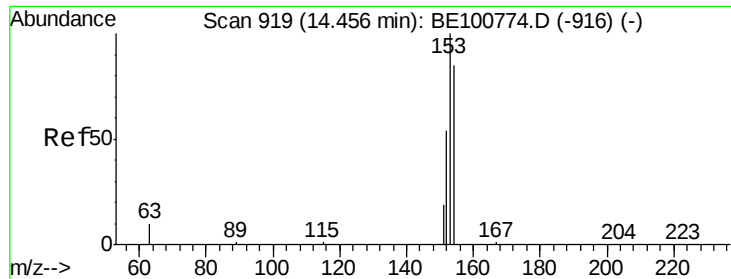


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 14.00 14.20

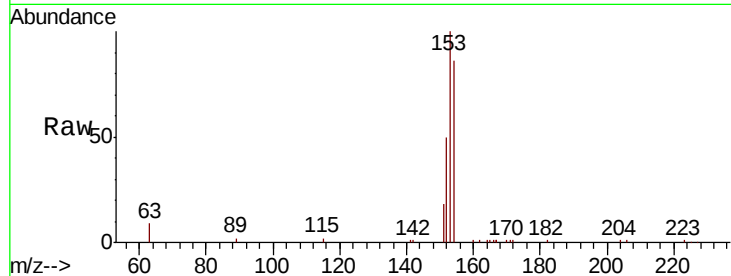




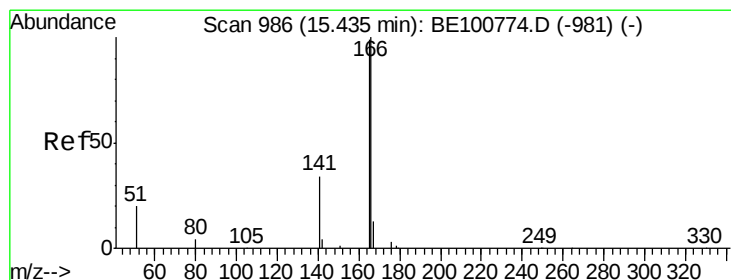
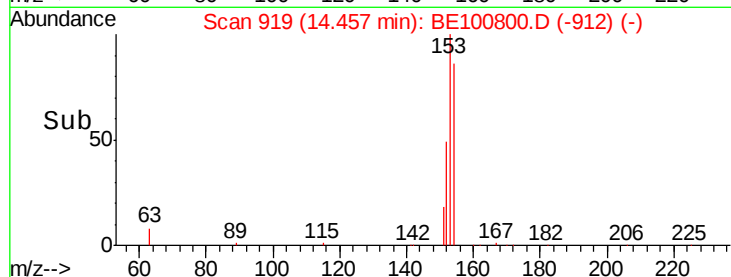
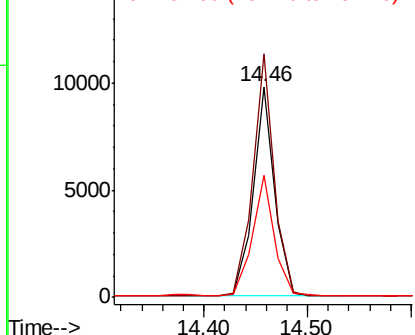
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Instrument :
BNA_E
ClientSampleId :
PB125273BS

Tot Ion:154 Resp: 14025
Ion Ratio Lower Upper
154 100
153 114.9 92.2 138.2
152 58.3 49.1 73.7

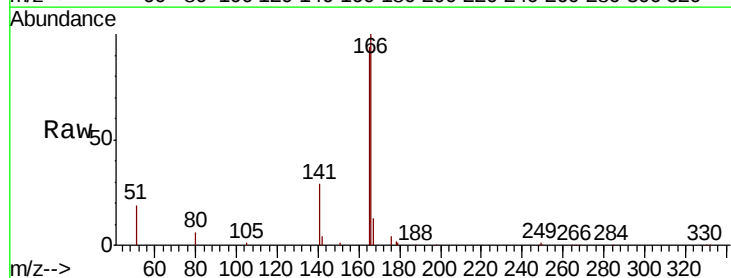


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

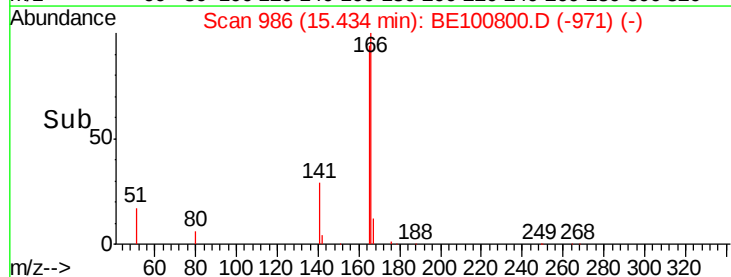
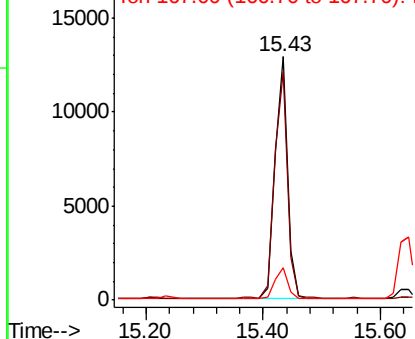


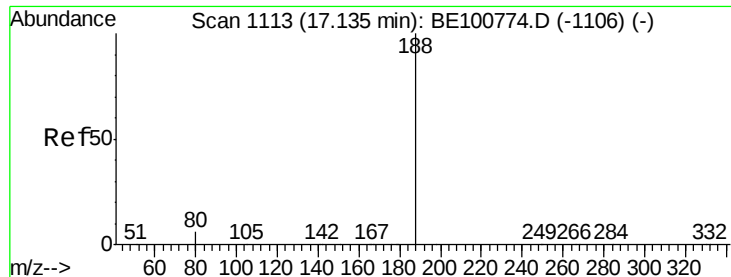
#18
Fluorene
Concen: 0.381 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Tgt Ion:166 Resp: 19381
Ion Ratio Lower Upper
166 100
165 96.0 80.5 120.7
167 13.4 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: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampled :

PB125273BS

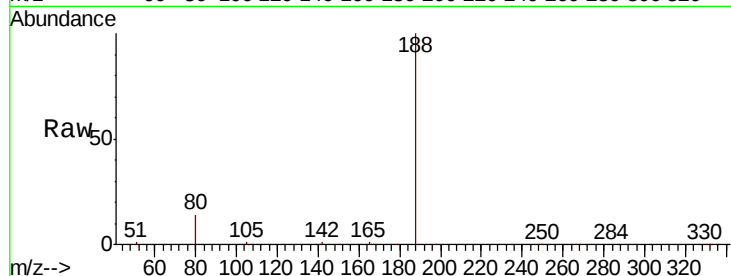
Tot Ion:188 Resp: 33955

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

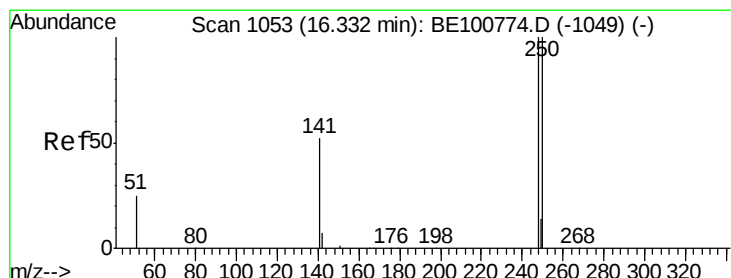
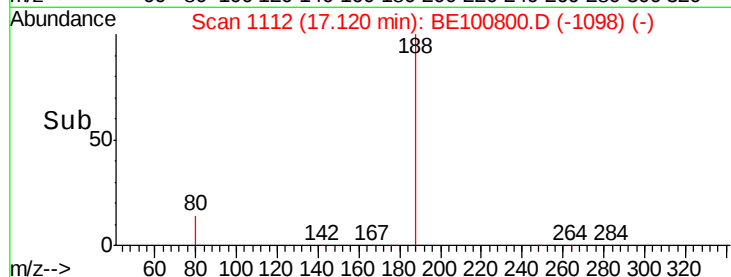
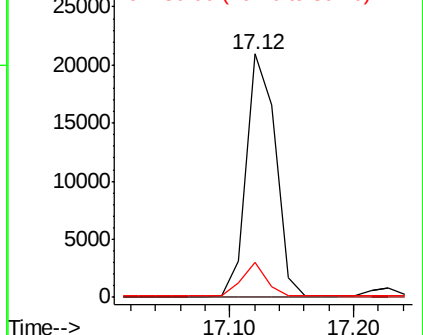
80 14.3 5.2 7.8#



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: 0.422 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

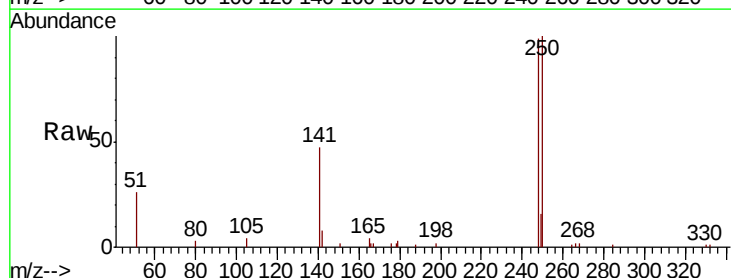
Tgt Ion:248 Resp: 7037

Ion Ratio Lower Upper

248 100

250 101.0 80.5 120.7

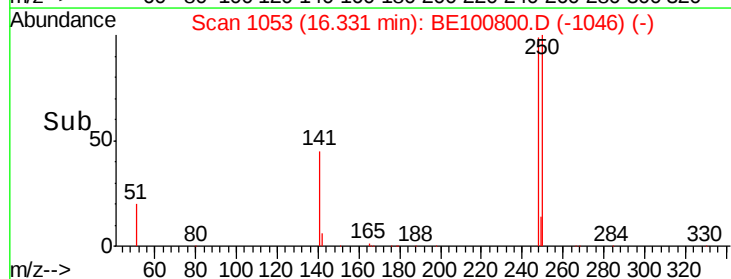
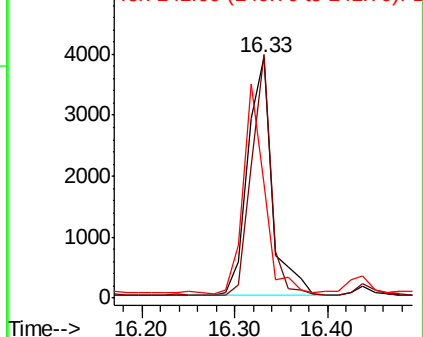
141 47.5 42.6 64.0

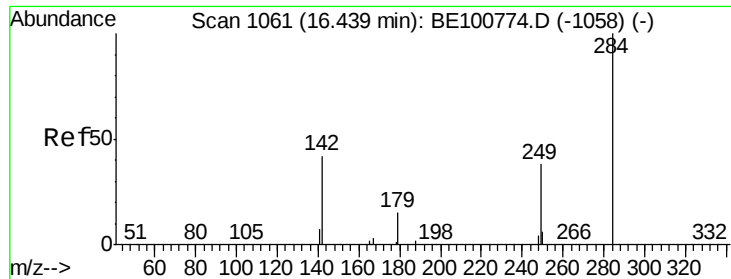


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

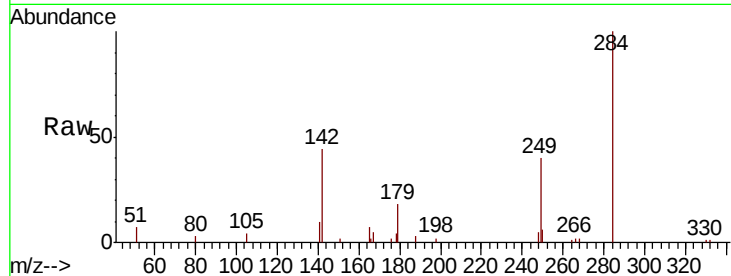




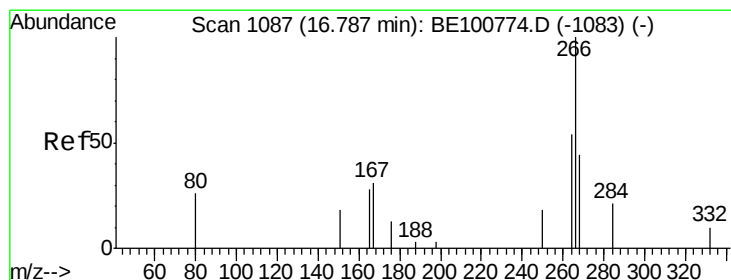
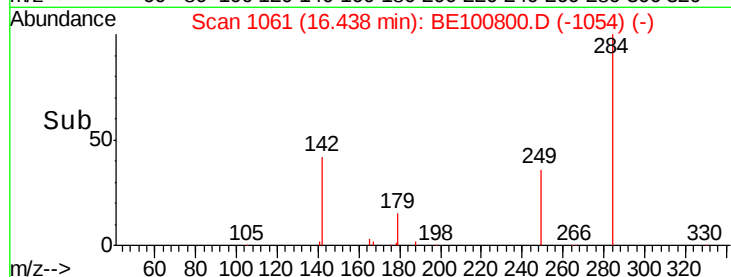
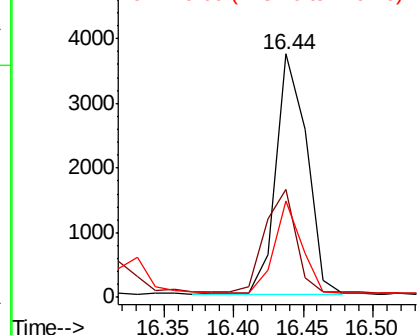
#21
Hexachlorobenzene
Concen: 0.315 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Instrument :
BNA_E
ClientSampleId :
PB125273BS

Tot Ion:284 Resp: 5702
Ion Ratio Lower Upper
284 100
142 43.0 34.4 51.6
249 35.0 28.5 42.7

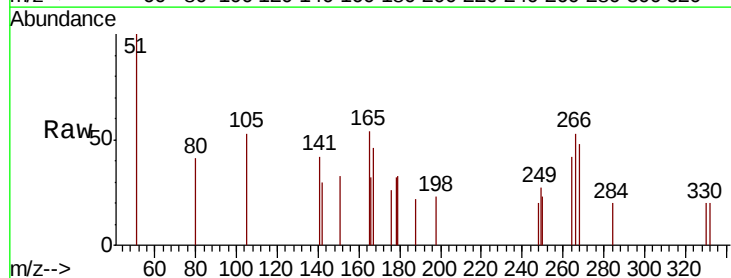


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

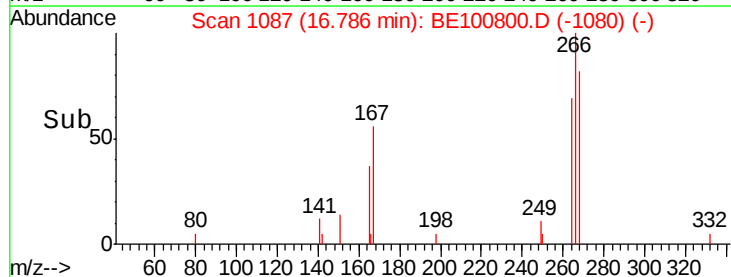
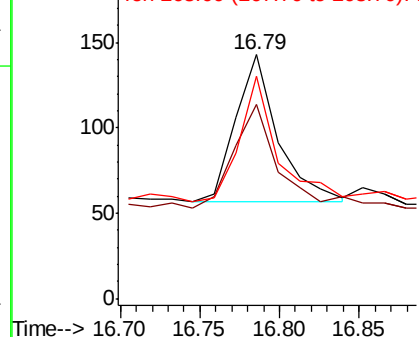


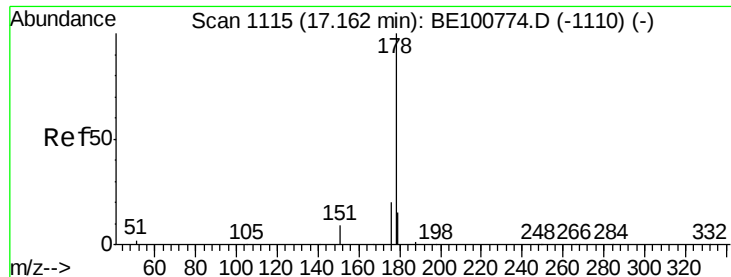
#22
Pentachlorophenol
Concen: 0.125 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100800.D
Acq: 6 Dec 2019 10:33

Tgt Ion:266 Resp: 157
Ion Ratio Lower Upper
266 100
264 79.7 63.4 95.0
268 90.9 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: 0.360 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

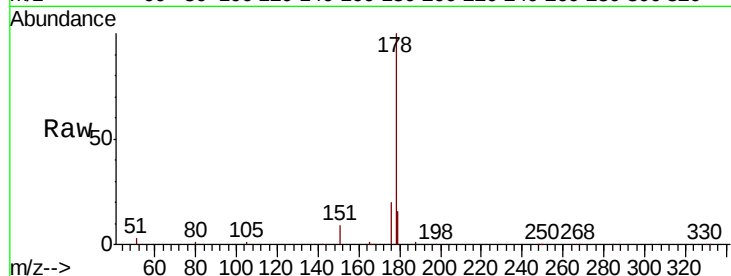
Tot Ion:178 Resp: 37007

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

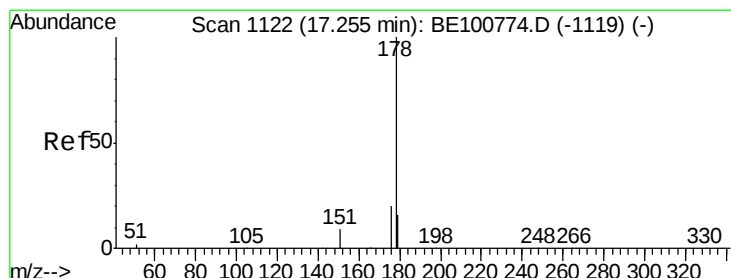
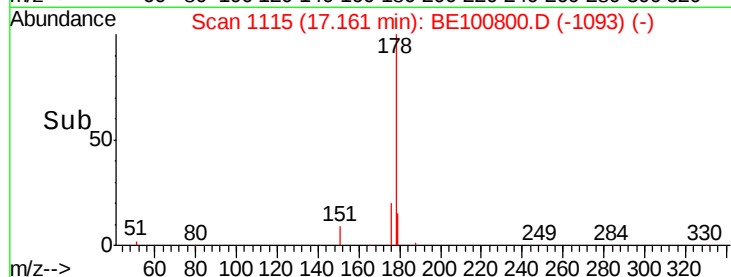
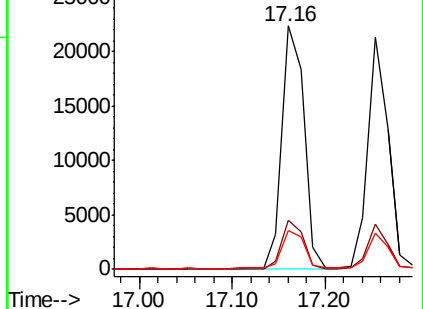
179 15.7 12.3 18.5



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: 0.375 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

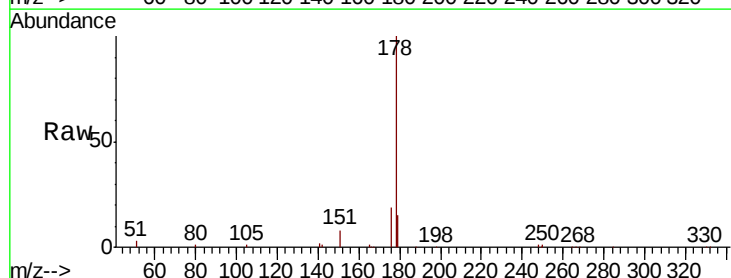
Tgt Ion:178 Resp: 32291

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

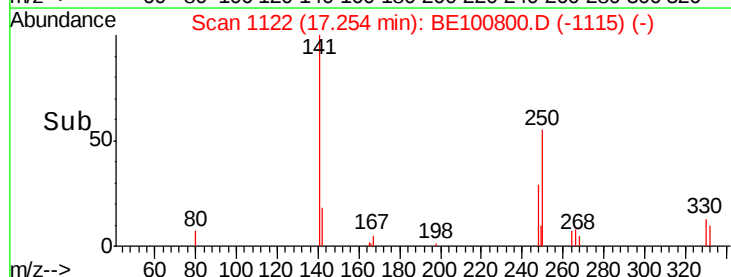
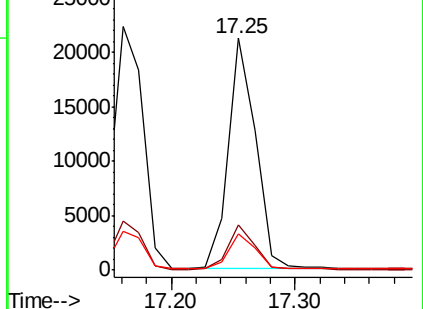
179 15.3 12.7 19.1

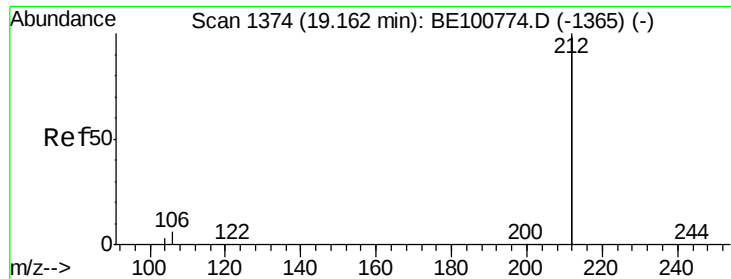


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

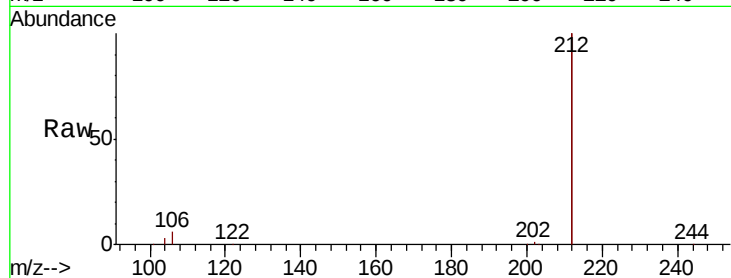
Tot Ion:212 Resp: 154751

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.9 1.4 2.2

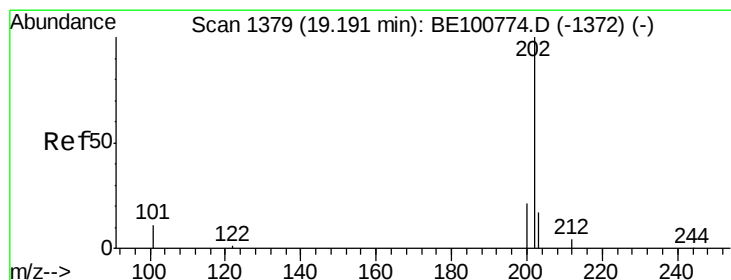
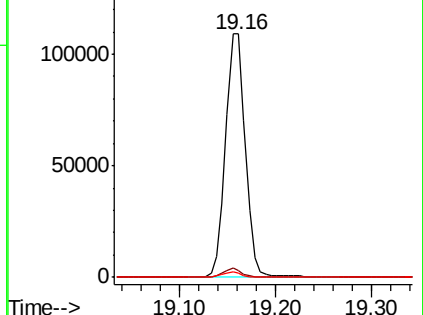
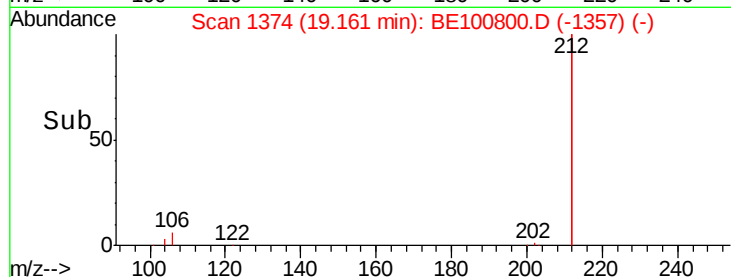


Abundance

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: 0.366 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

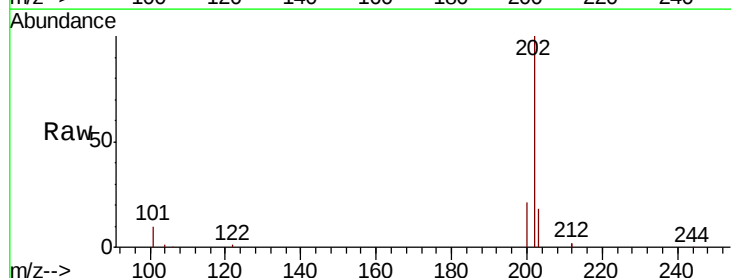
Tgt Ion:202 Resp: 44889

Ion Ratio Lower Upper

202 100

101 11.6 9.1 13.7

203 17.5 13.8 20.6

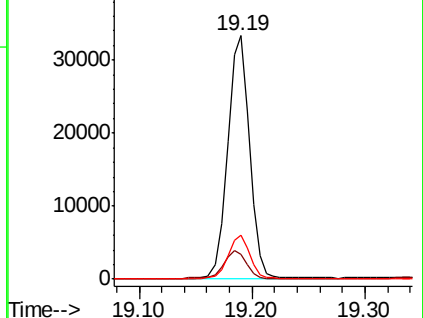
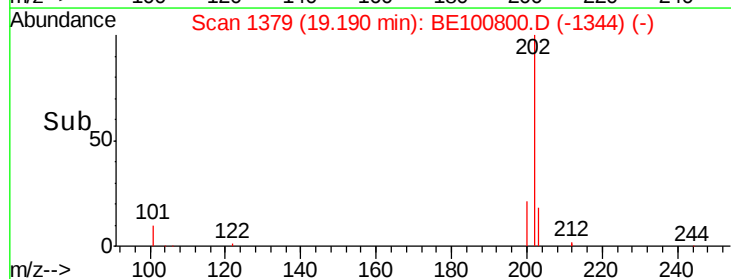


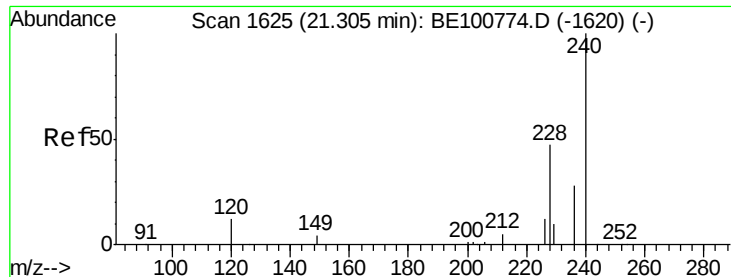
Abundance

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

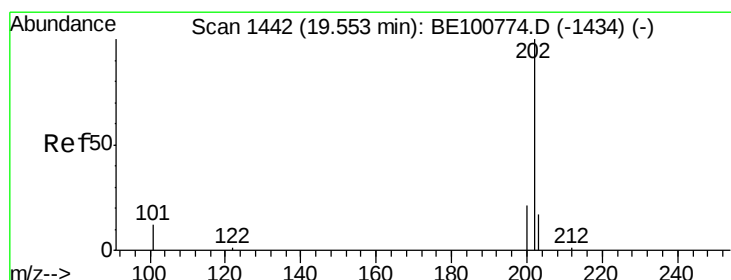
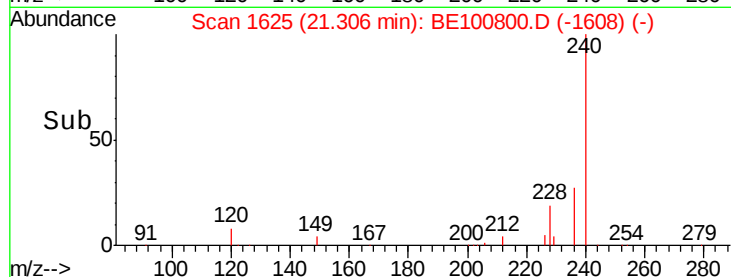
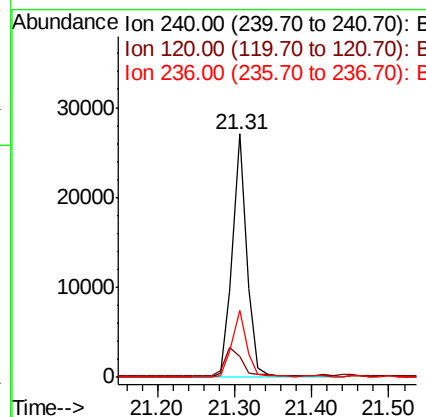
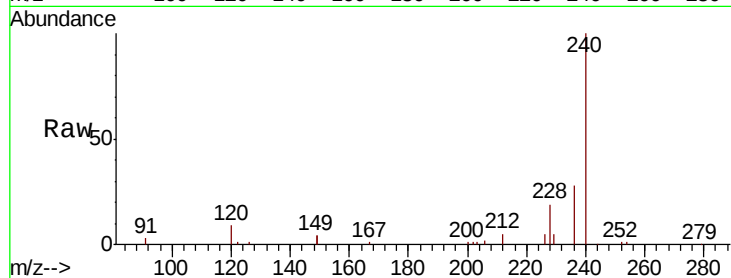




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

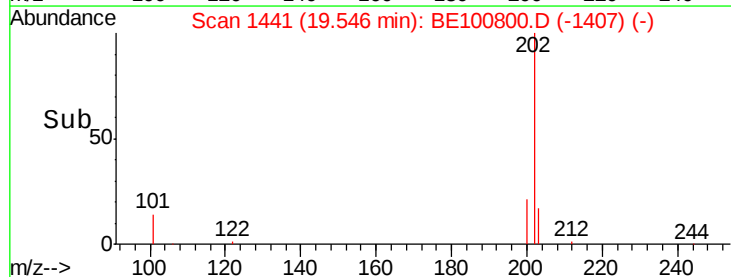
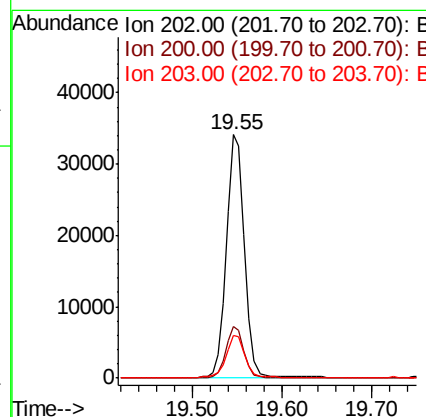
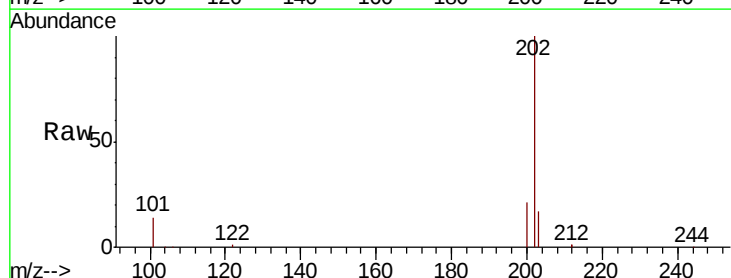
Instrument :
 BNA_E
 ClientSampleId :
 PB125273BS

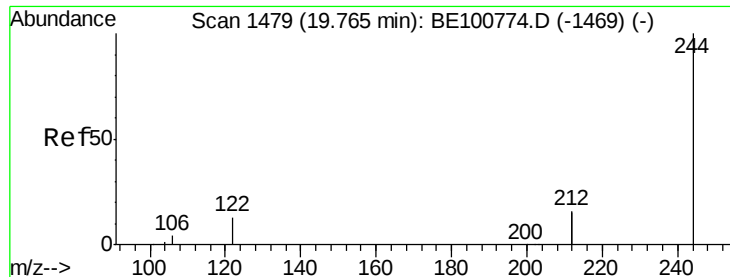
Tot Ion:240 Resp: 35009
 Ion Ratio Lower Upper
 240 100
 120 8.6 10.2 15.2#
 236 27.6 22.3 33.5



#28
 Pyrene
 Concen: 0.414 ng
 RT: 19.55 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

Tgt Ion:202 Resp: 47050
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.0 25.4
 203 17.9 13.9 20.9





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

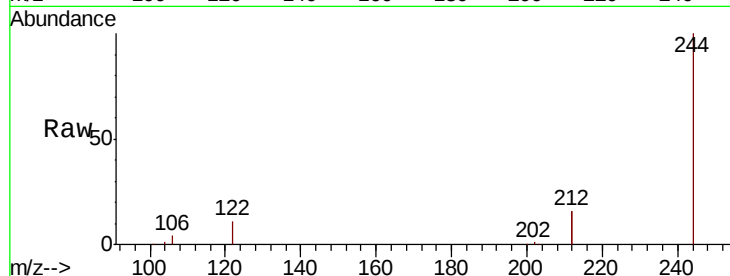
Tot Ion:244 Resp: 35064

Ion Ratio Lower Upper

244 100

212 32.2 26.2 39.4

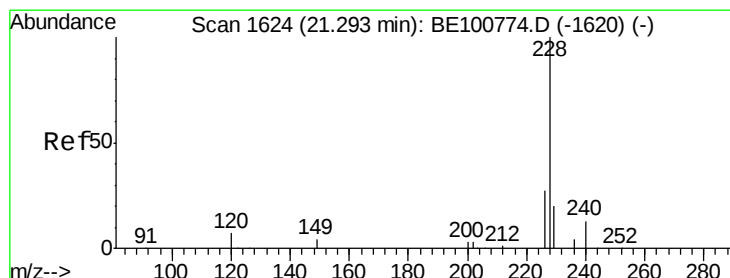
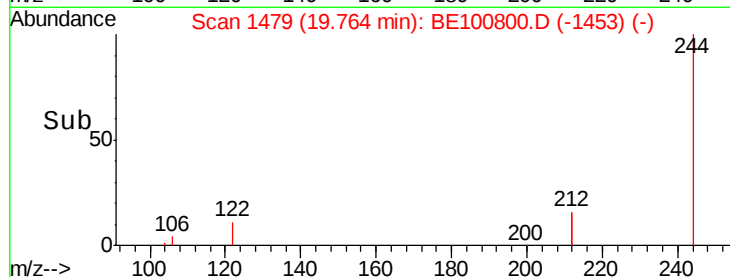
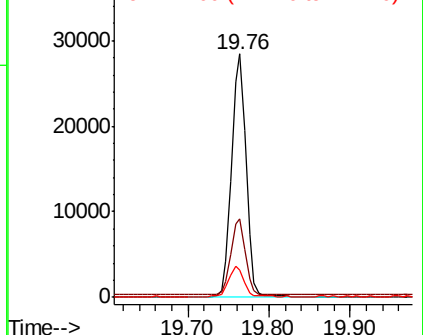
122 11.4 10.2 15.4



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: 0.438 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

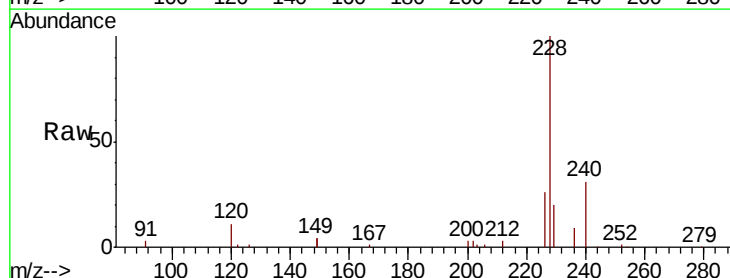
Tgt Ion:228 Resp: 45242

Ion Ratio Lower Upper

228 100

226 26.3 21.5 32.3

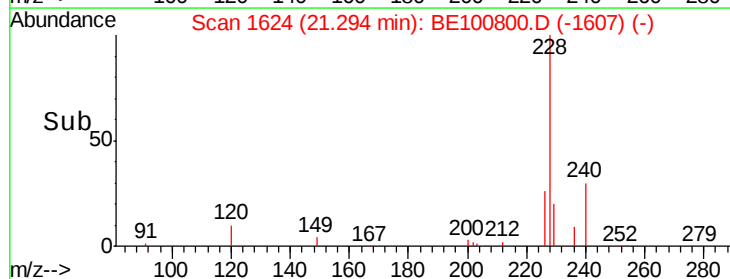
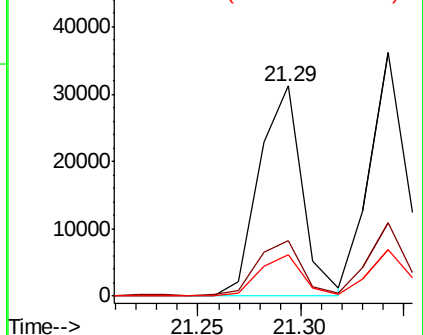
229 20.0 16.0 24.0

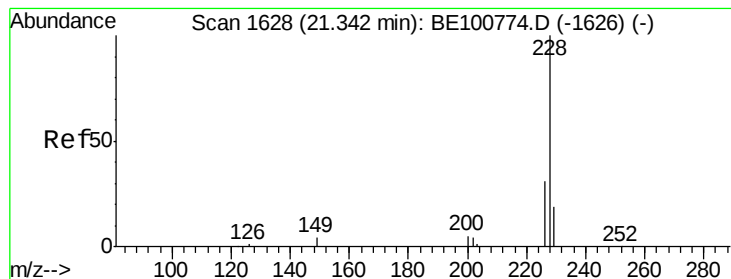


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.372 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

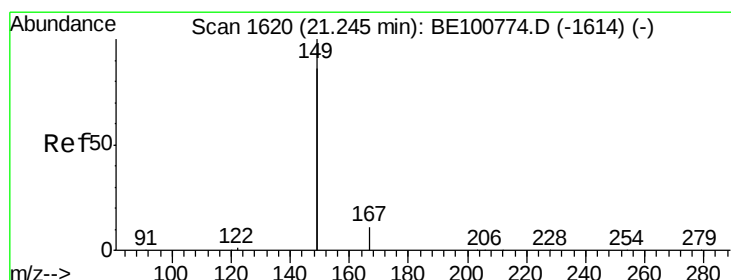
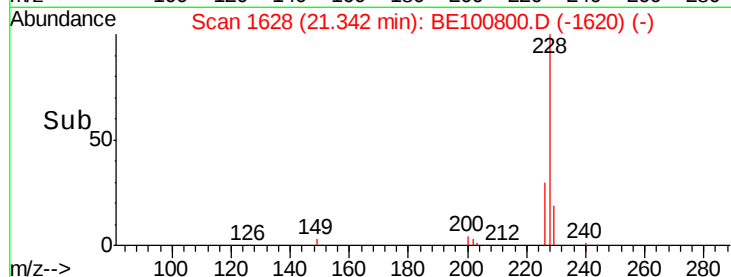
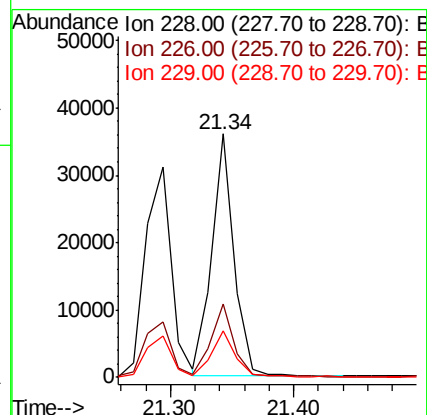
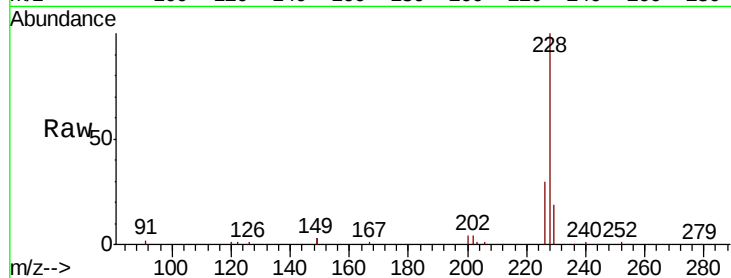
Tot Ion:228 Resp: 45135

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

229 19.2 15.4 23.2



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.453 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

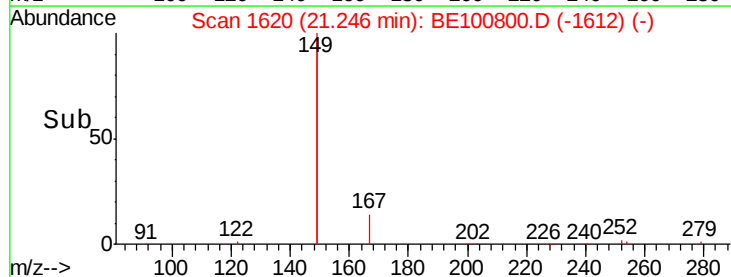
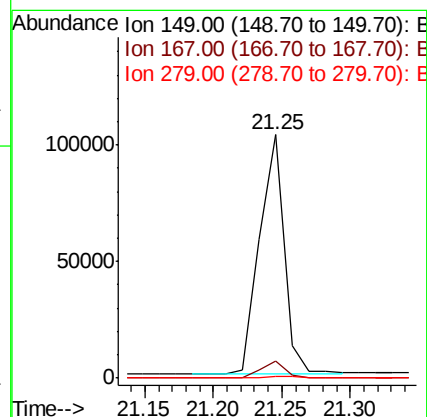
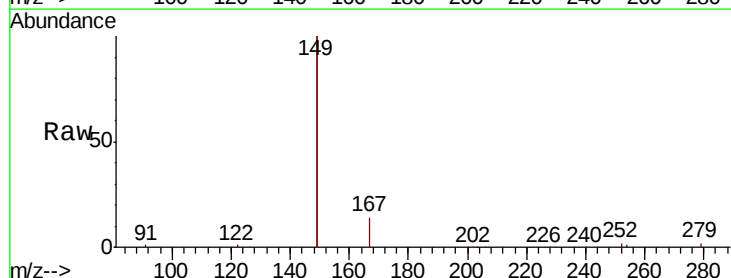
Tgt Ion:149 Resp: 128574

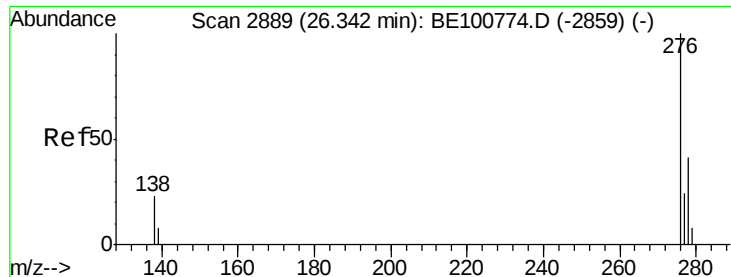
Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.6

279 0.8 0.7 1.1

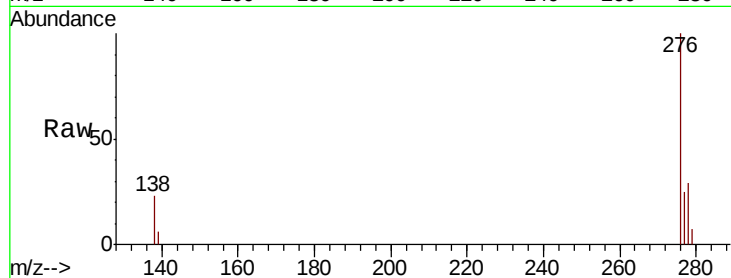




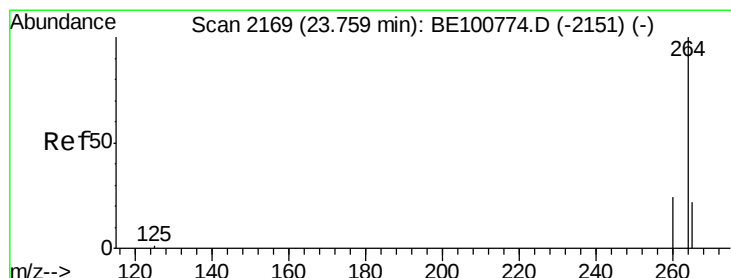
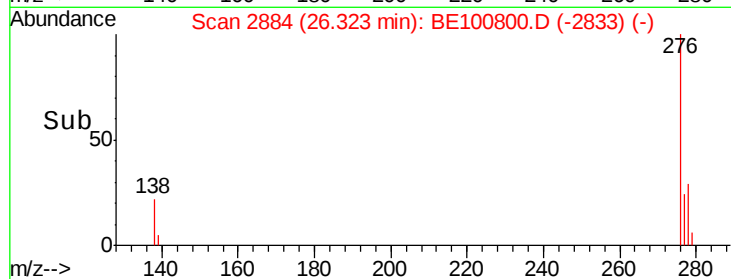
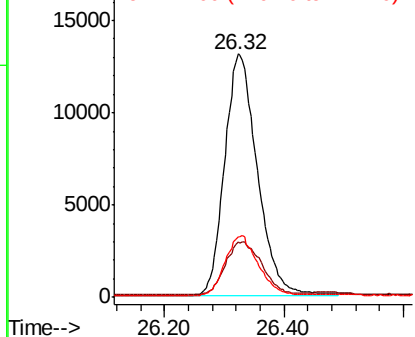
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.471 ng
 RT: 26.32 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

Instrument :
 BNA_E
 ClientSampleId :
 PB125273BS

Tot Ion:276 Resp: 49762
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.4 29.0
 277 25.1 19.8 29.6

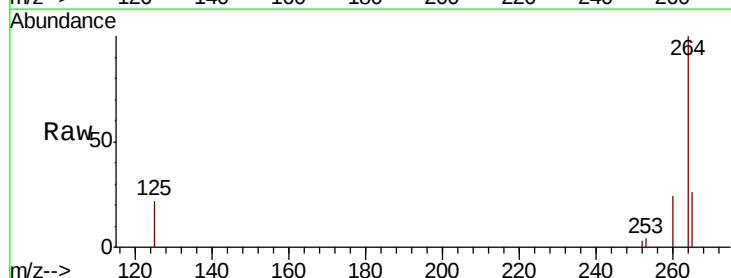


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

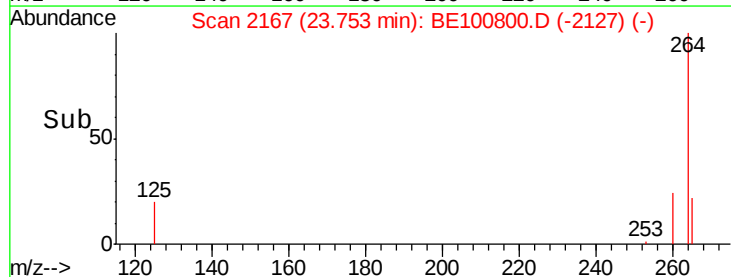
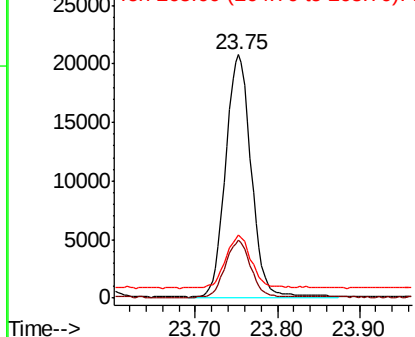


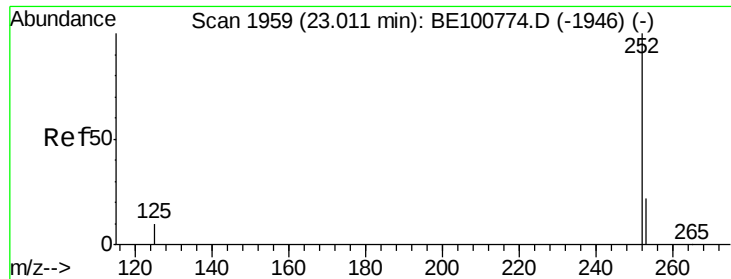
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BE100800.D
 Acq: 6 Dec 2019 10:33

Tgt Ion:264 Resp: 44719
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 25.8 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: 0.367 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

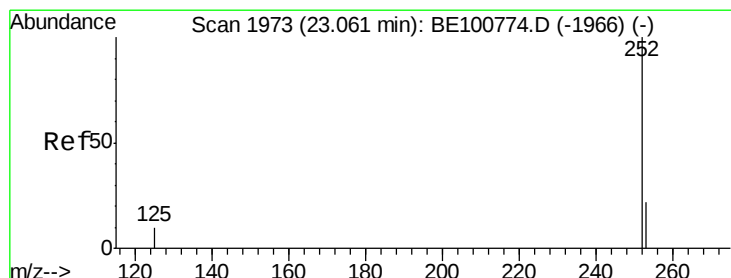
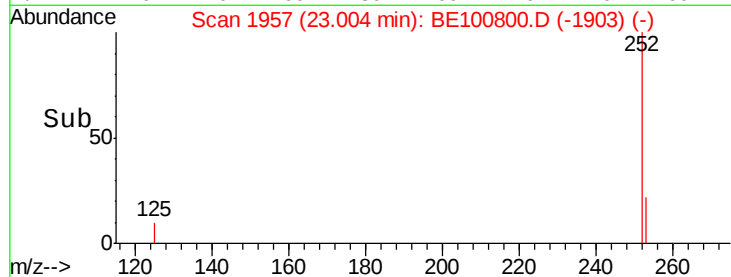
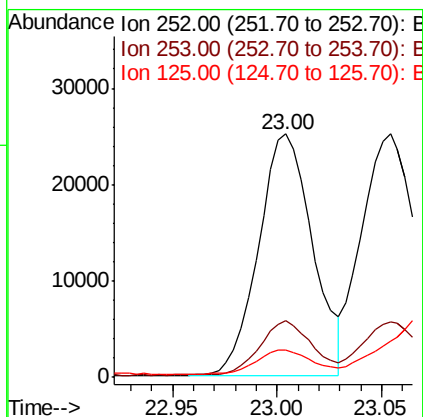
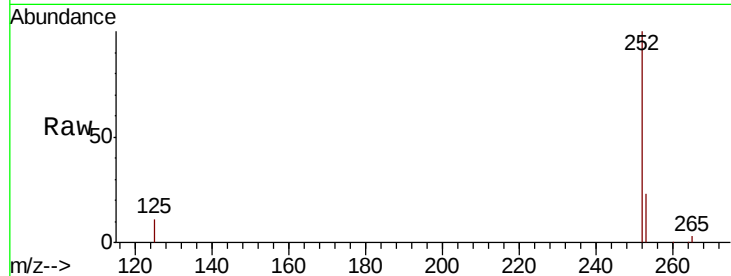
Tot Ion:252 Resp: 44949

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 11.1 9.0 13.4



#36

Benzo(k)fluoranthene

Concen: 0.327 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

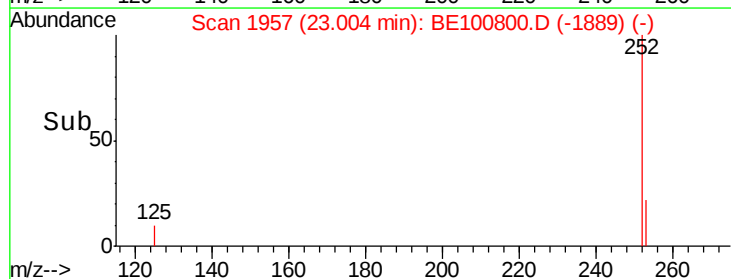
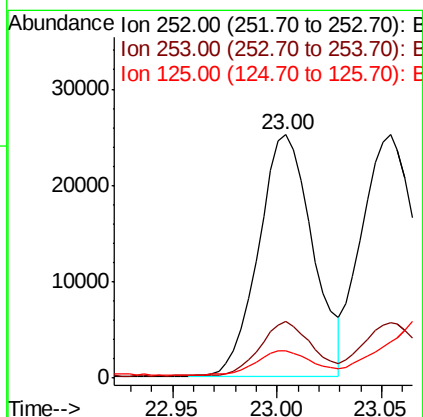
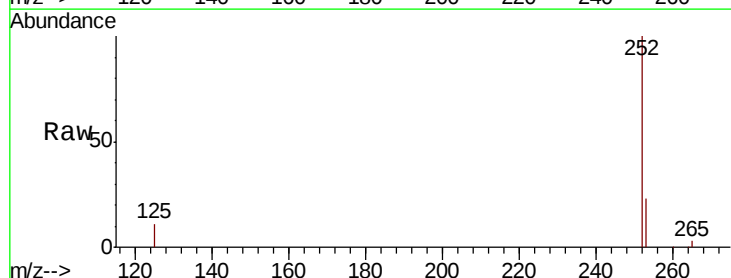
Tgt Ion:252 Resp: 44949

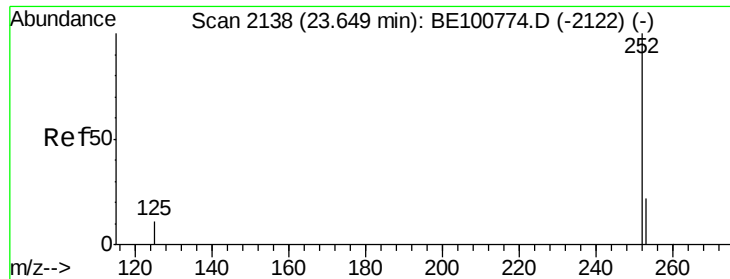
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 11.1 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

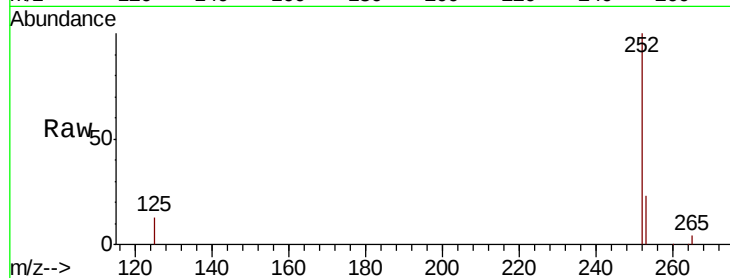
Tot Ion:252 Resp: 42724

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

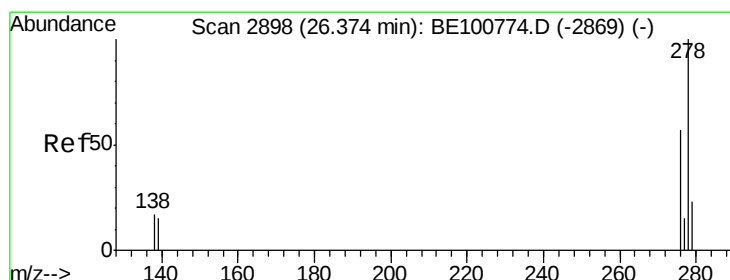
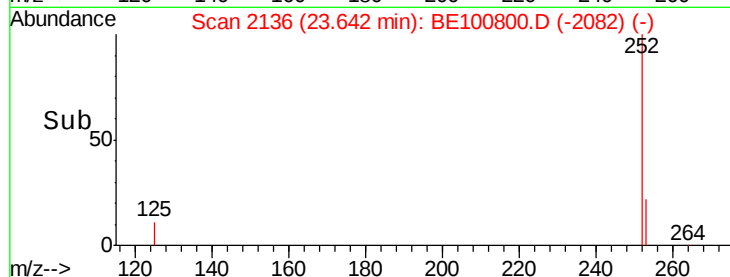
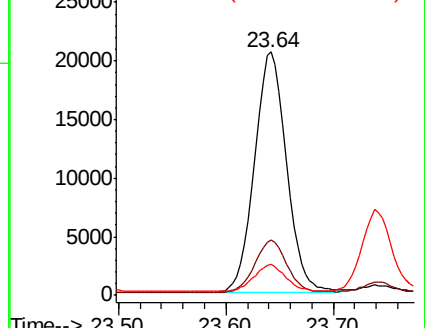
125 12.6 10.4 15.6



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: 0.389 ng

RT: 26.36 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

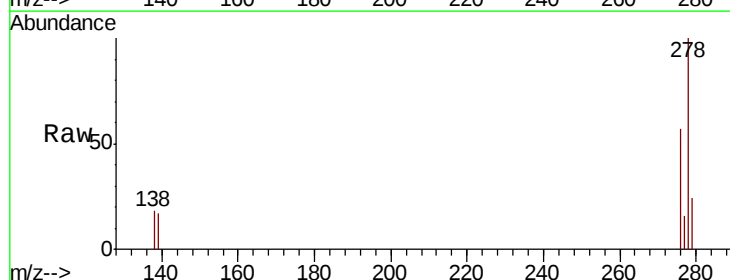
Tgt Ion:278 Resp: 41006

Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.4

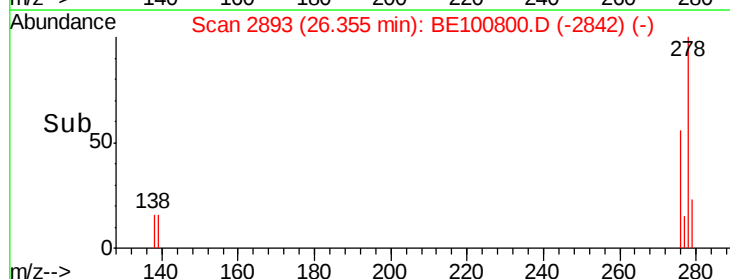
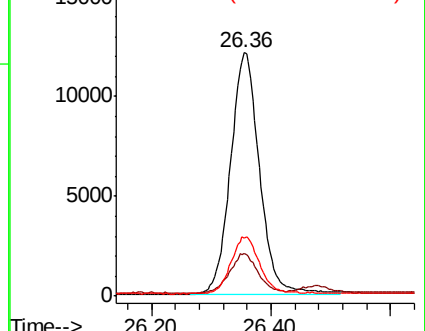
279 24.1 19.6 29.4

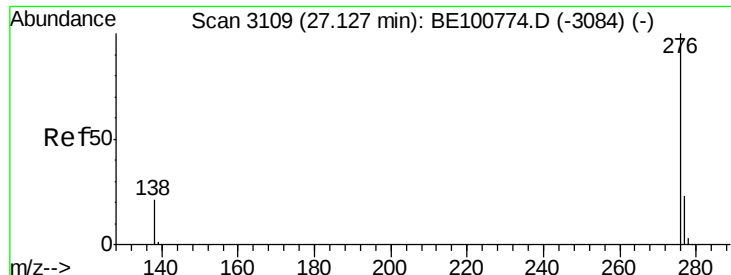


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.378 ng

RT: 27.11 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BE100800.D

Acq: 6 Dec 2019 10:33

Instrument :

BNA_E

ClientSampleId :

PB125273BS

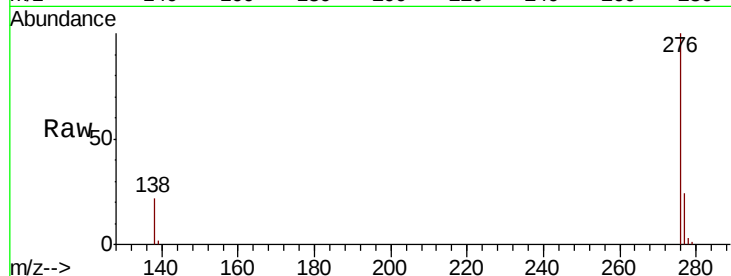
Tot Ion: 276 Resp: 42631

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 22.4 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

