

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100086.D
 Acq On : 19 Jun 2019 16:51
 Operator : JU/SJ
 Sample : PB120501BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BS

Quant Time: Jun 19 18:32:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	858	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2786	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1754	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4899	0.40	ng	0.00
27) Chrysene-d12	21.35	240	5829	0.40	ng	0.01
34) Perylene-d12	23.84	264	7231	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.30	112	695	0.39	ng	0.00
5) Phenol-d6	6.92	99	904	0.37	ng	-0.01
8) Nitrobenzene-d5	8.90	82	945	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.15	152	2387	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.92	330	223	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	2571	0.37	ng	0.00
25) Fluoranthene-d10	19.20	212	19564	0.28	ng	0.00
29) Terphenyl-d14	19.80	244	3959	0.34	ng	0.00

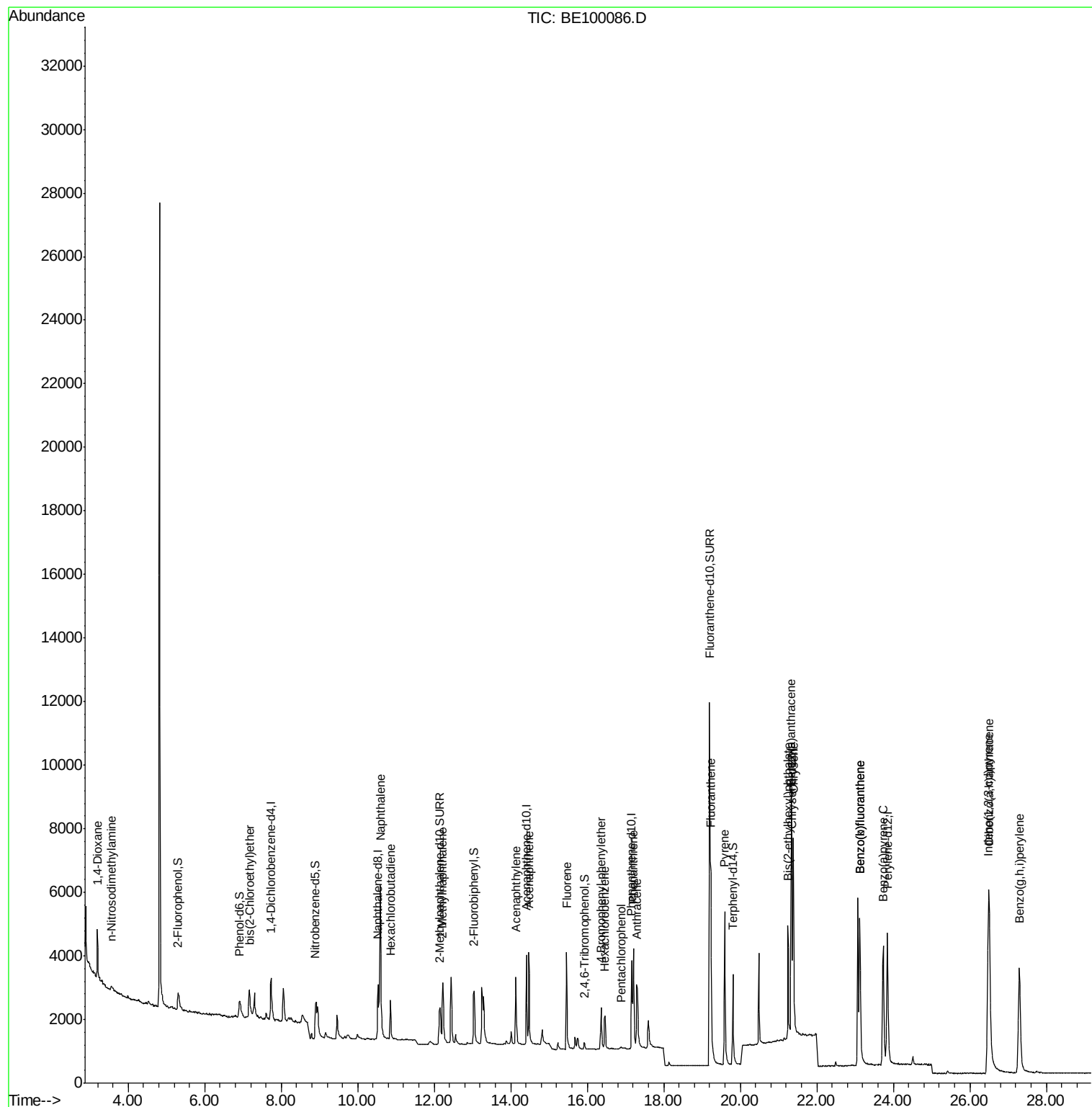
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	1084	0.787	ng	# 84
3) n-Nitrosodimethylamine	3.57	42	195	0.557	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	974	0.420	ng	# 64
9) Naphthalene	10.59	128	10547	0.348	ng	99
10) Hexachlorobutadiene	10.86	225	1002	0.337	ng	96
12) 2-Methylnaphthalene	12.22	142	1733	0.348	ng	95
16) Acenaphthylene	14.14	152	2988	0.359	ng	99
17) Acenaphthene	14.47	154	1635	0.351	ng	99
18) Fluorene	15.46	166	2312	0.333	ng	98
20) 4-Bromophenyl-phenylether	16.36	248	1011	0.347	ng	97
21) Hexachlorobenzene	16.47	284	1107	0.344	ng	99
22) Pentachlorophenol	16.88	266	90	0.328	ng	97
23) Phenanthrene	17.20	178	4038	0.344	ng	99
24) Anthracene	17.30	178	3190	0.322	ng	99
26) Fluoranthene	19.23	202	5769	0.306	ng	99
28) Pyrene	19.59	202	5746	0.384	ng	99
30) Benzo(a)anthracene	21.33	228	5966	0.344	ng	100
31) Chrysene	21.39	228	7422	0.368	ng	100
32) Bis(2-ethylhexyl)phthalate	21.24	149	4939	0.302	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	11391	0.502	ng	# 95
35) Benzo(b)fluoranthene	23.12	252	8354	0.394	ng	96
36) Benzo(k)fluoranthene	23.12	252	8354	0.346	ng	98
37) Benzo(a)pyrene	23.73	252	7413	0.362	ng	# 96
38) Dibenzo(a,h)anthracene	26.51	278	9360	0.446	ng	99
39) Benzo(g,h,i)perylene	27.29	276	9649	0.442	ng	97

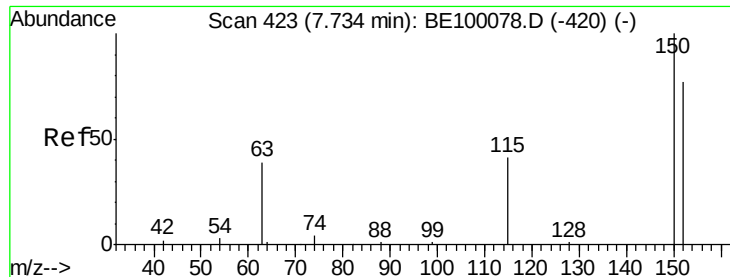
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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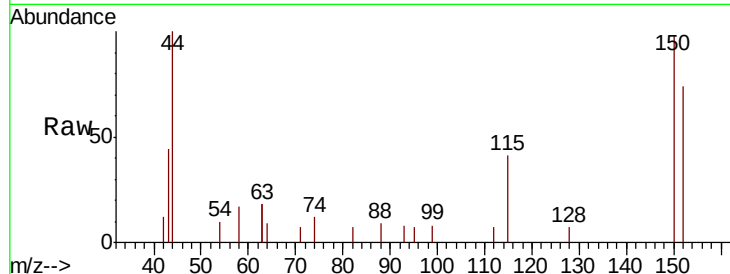


#1

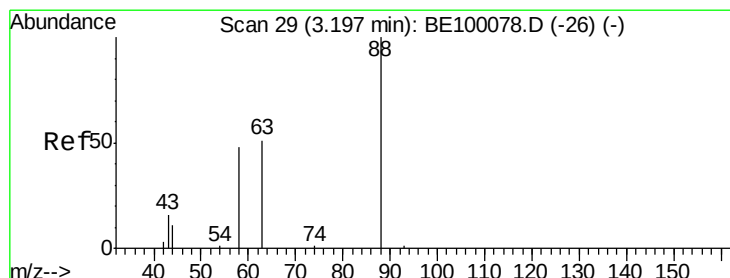
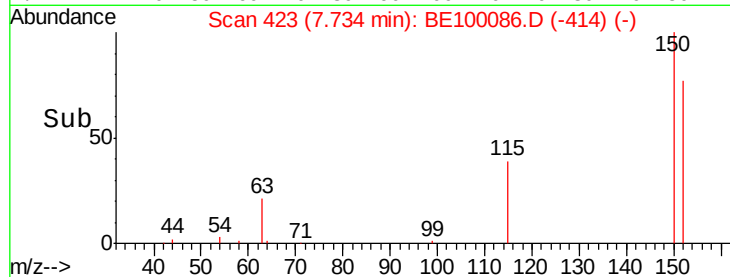
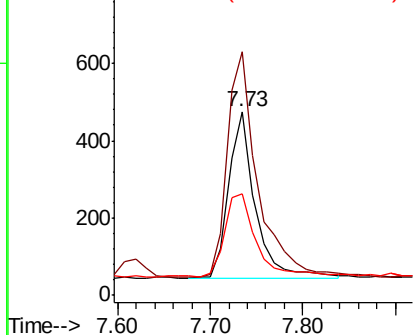
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BE100086.D
 Acq: 19 Jun 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BS

Tot Ion:152 Resp: 858
 Ion Ratio Lower Upper
 152 100
 150 132.6 99.8 149.8
 115 55.6 51.3 76.9



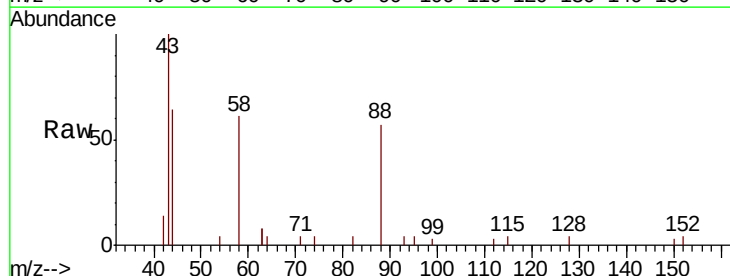
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



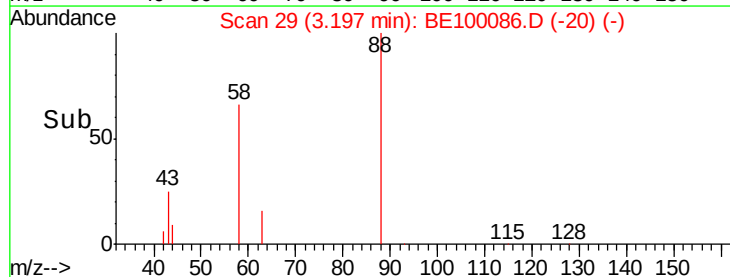
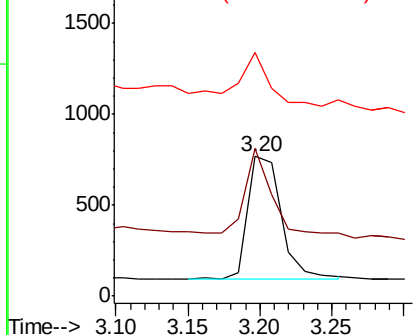
#2

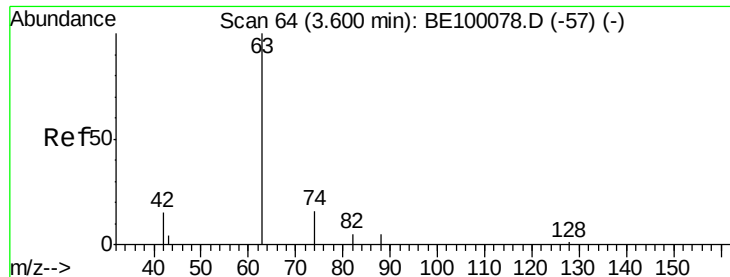
1,4-Dioxane
 Concen: 0.787 ng
 RT: 3.20 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: BE100086.D
 Acq: 19 Jun 2019 16:51

Tgt Ion: 88 Resp: 1084
 Ion Ratio Lower Upper
 88 100
 58 51.5 51.1 76.7
 43 35.8 21.7 32.5#



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: 0.557 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

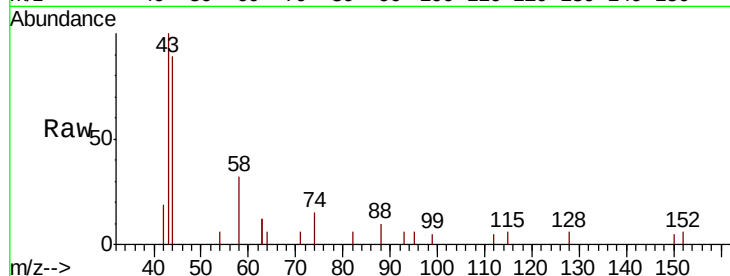
Tot Ion: 42 Resp: 195

Ion Ratio Lower Upper

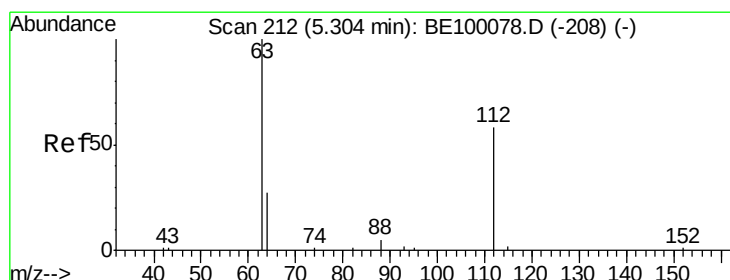
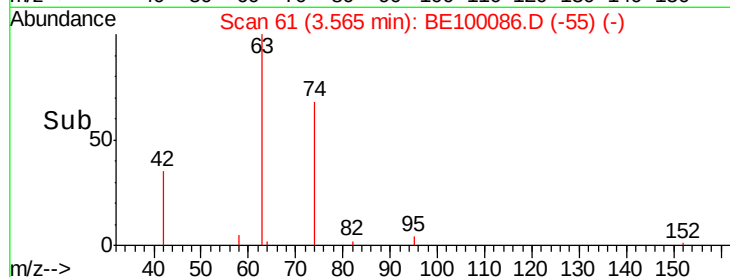
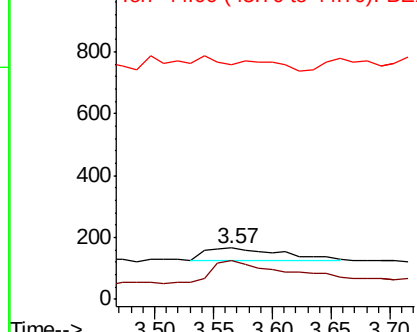
42 100

74 153.3 0.0 0.0#

44 39.5 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: 0.390 ng

RT: 5.30 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

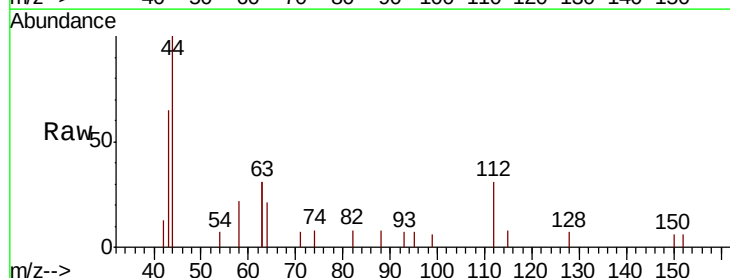
Tgt Ion: 112 Resp: 695

Ion Ratio Lower Upper

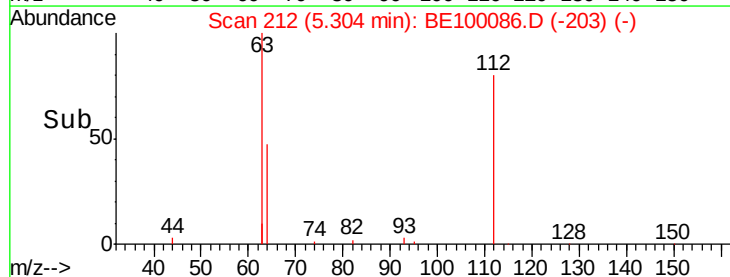
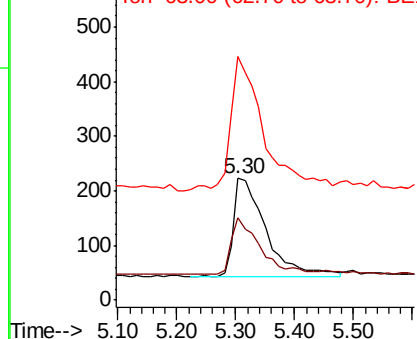
112 100

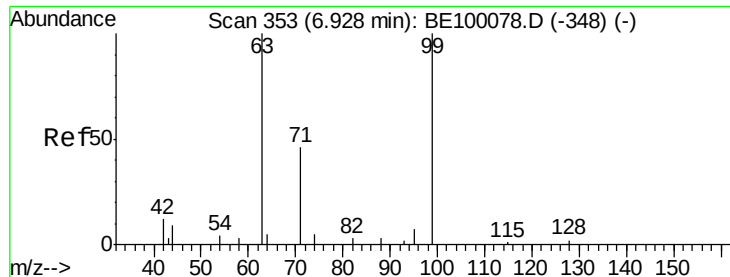
64 50.8 22.0 33.0#

63 136.4 121.8 182.6



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





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.01 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

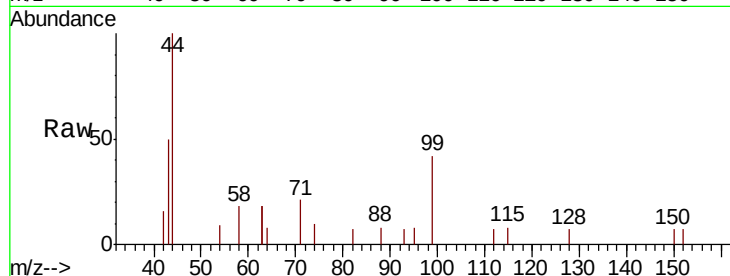
Tot Ion: 99 Resp: 904

Ion Ratio Lower Upper

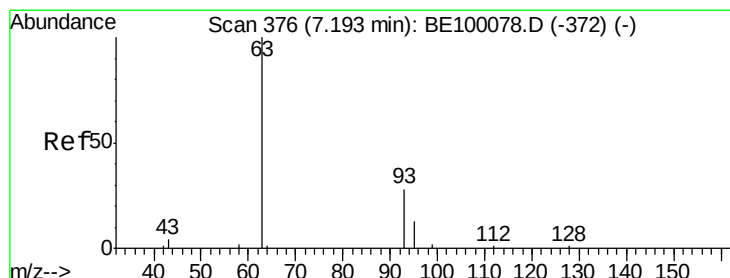
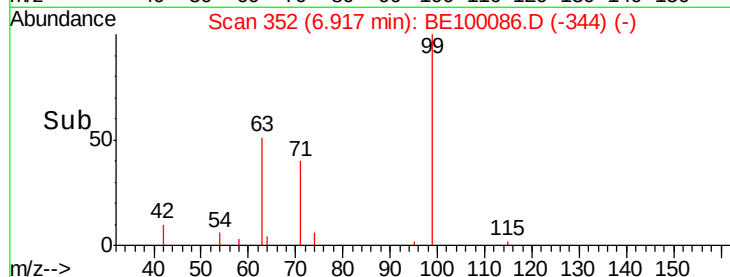
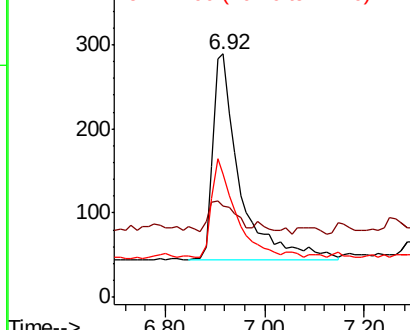
99 100

42 14.5 0.0 0.0#

71 42.1 37.6 56.4



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: 0.420 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

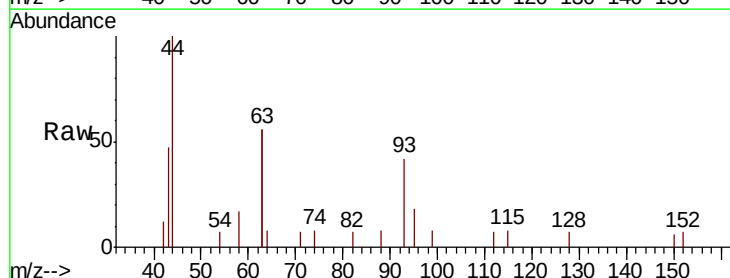
Tgt Ion: 93 Resp: 974

Ion Ratio Lower Upper

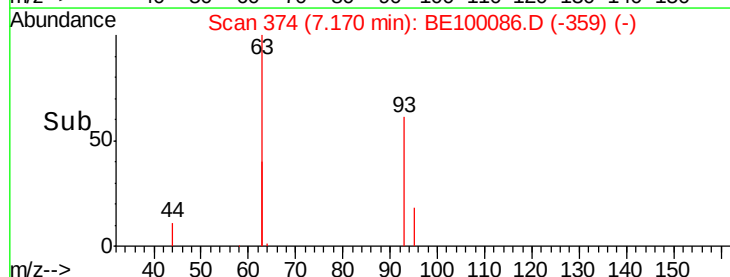
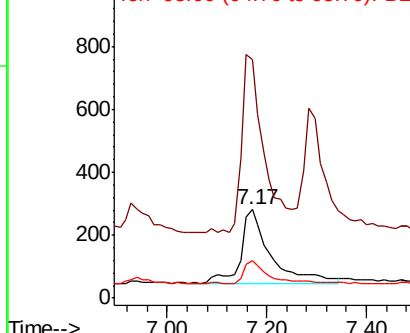
93 100

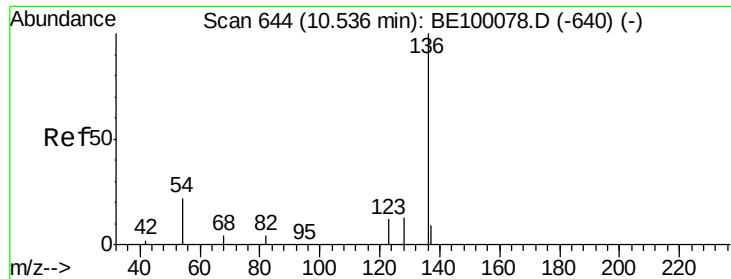
63 182.0 200.0 300.0#

95 24.9 24.0 36.0



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: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

Tot Ion:136 Resp: 2786

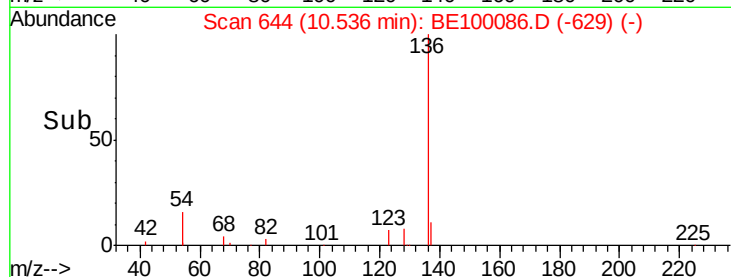
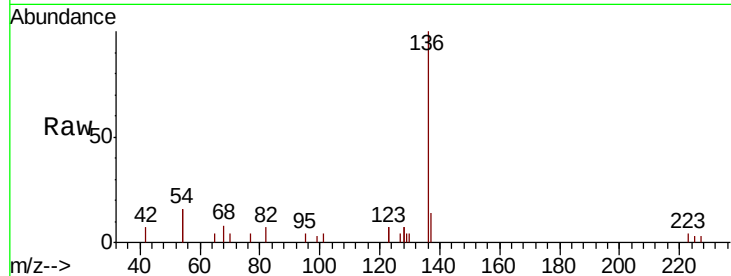
Ion Ratio Lower Upper

136 100

137 14.2 11.6 17.4

54 31.1 33.9 50.9#

68 7.7 7.8 11.8#

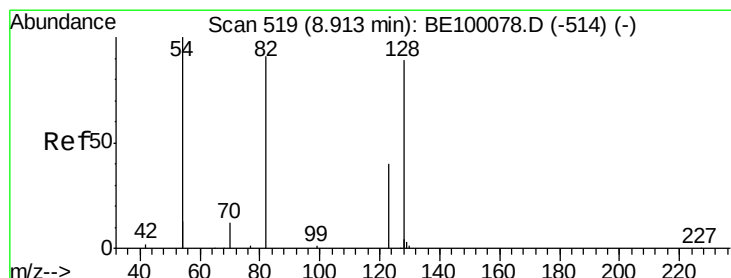
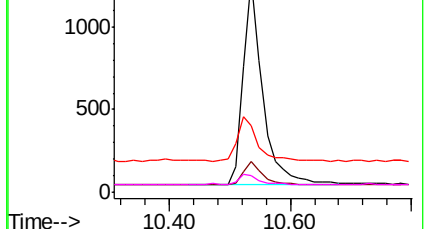


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

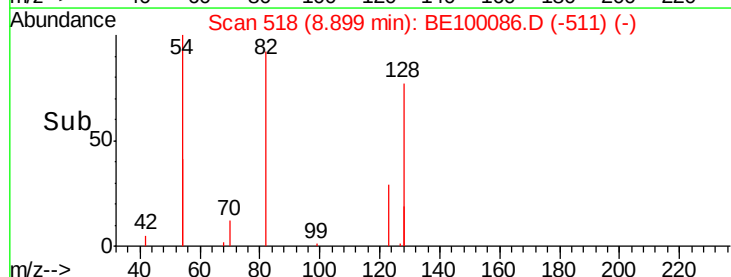
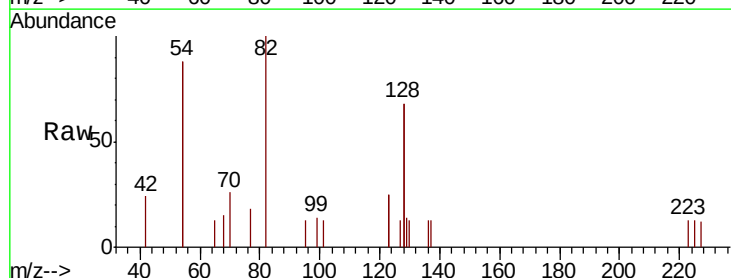
Tgt Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 136.5 128.0 192.0

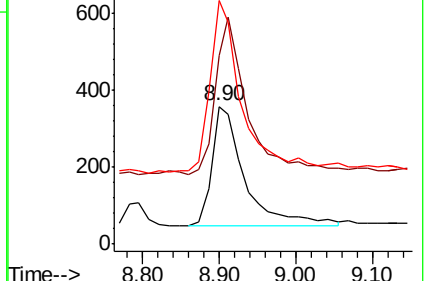
54 176.6 143.4 215.0

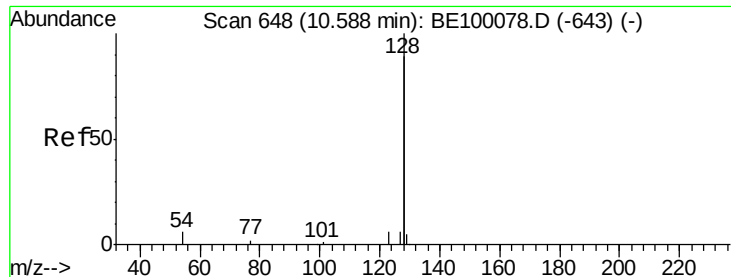


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.348 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

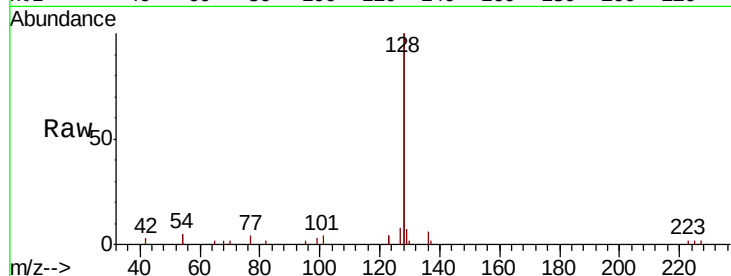
Tot Ion:128 Resp: 10547

Ion Ratio Lower Upper

128 100

129 3.6 3.1 4.7

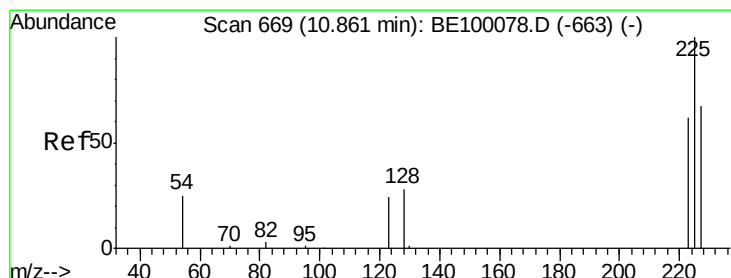
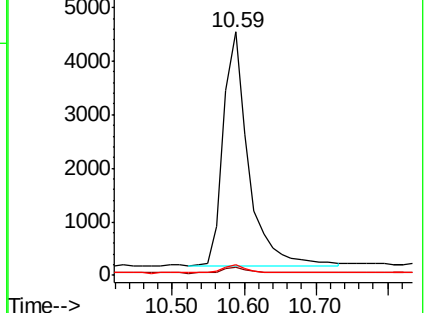
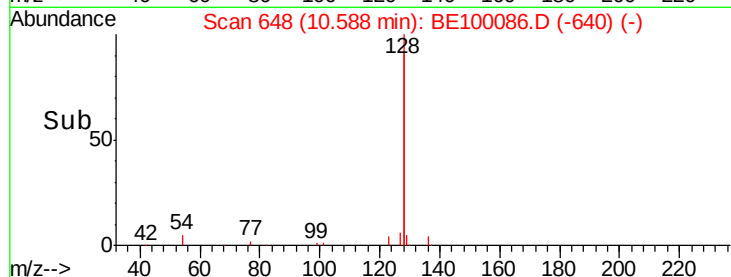
127 4.2 3.4 5.2



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: 0.337 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

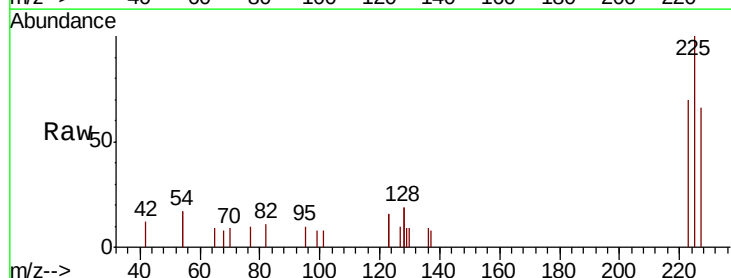
Tgt Ion:225 Resp: 1002

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

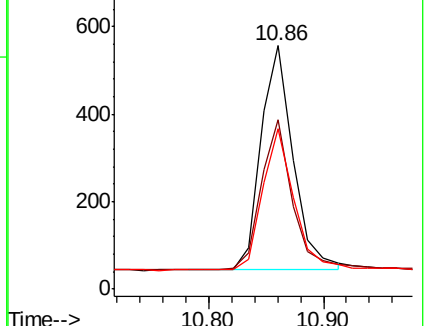
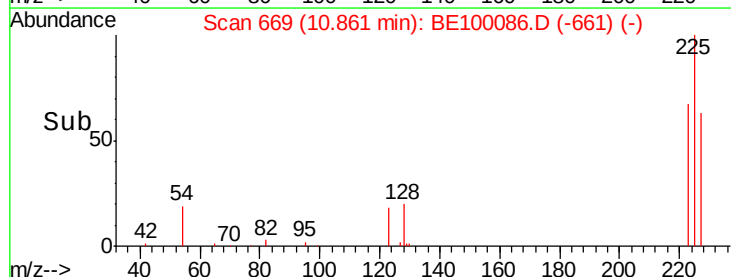
227 61.9 53.0 79.6

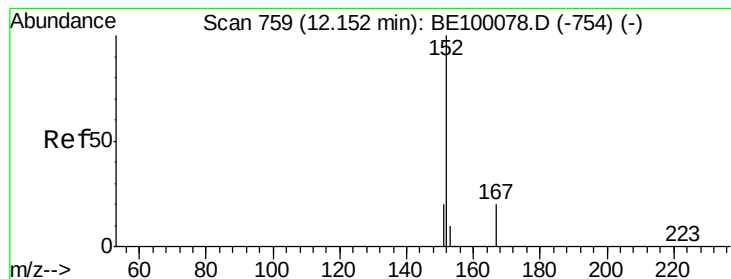


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.450 ng

RT: 12.15 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

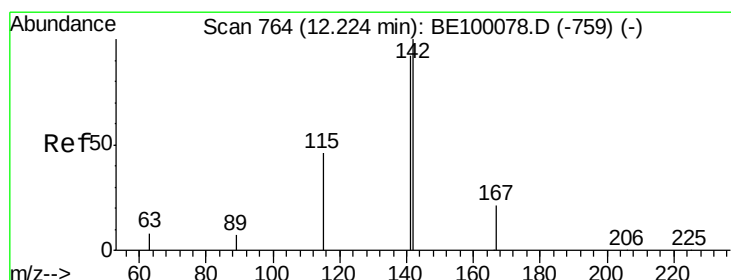
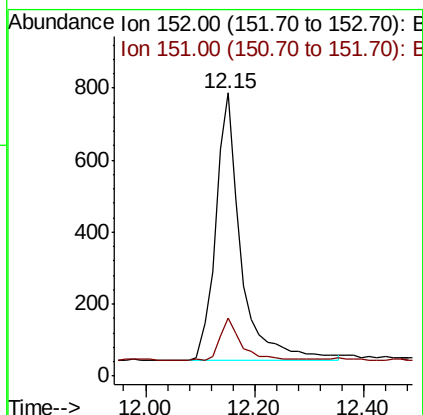
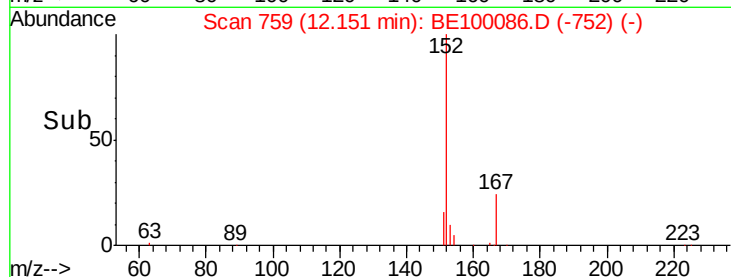
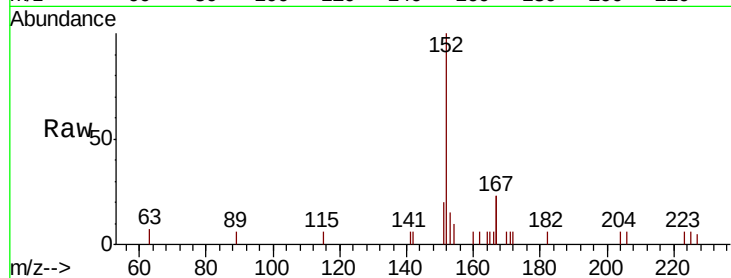
PB120501BS

Tot Ion:152 Resp: 2387

Ion Ratio Lower Upper

152 100

151 13.6 16.3 24.5#



#12

2-Methylnaphthalene

Concen: 0.348 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

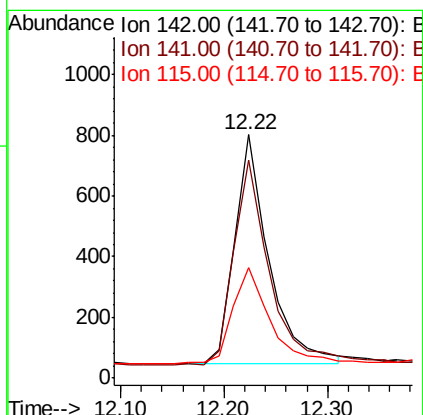
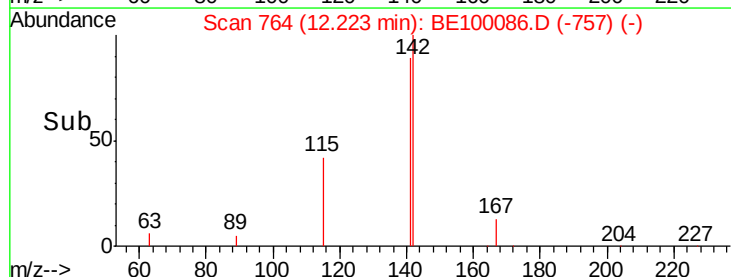
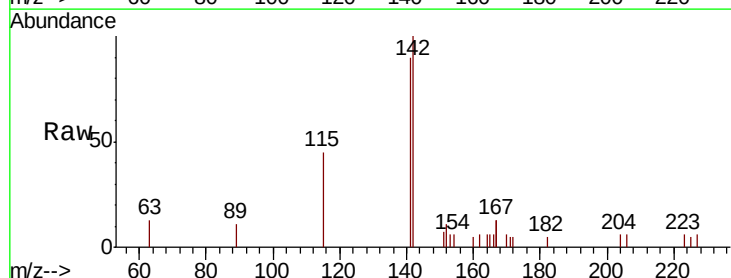
Tgt Ion:142 Resp: 1733

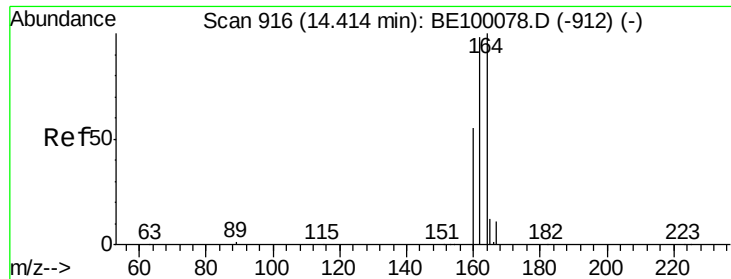
Ion Ratio Lower Upper

142 100

141 89.5 74.1 111.1

115 45.3 40.9 61.3

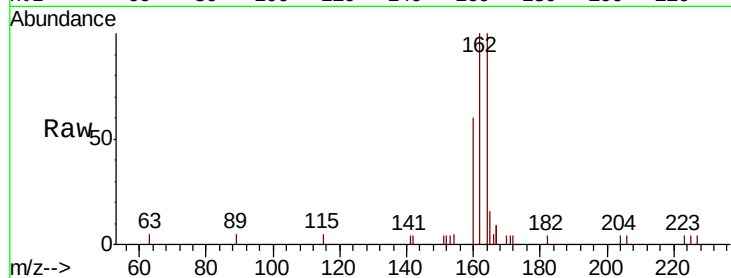




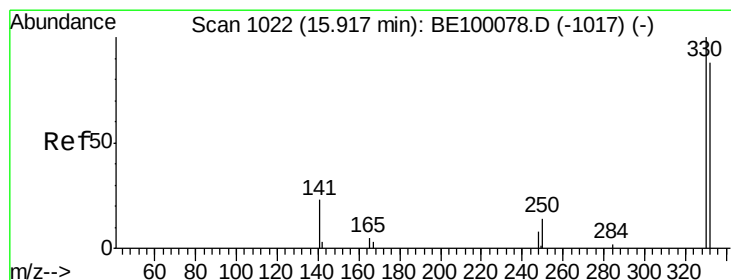
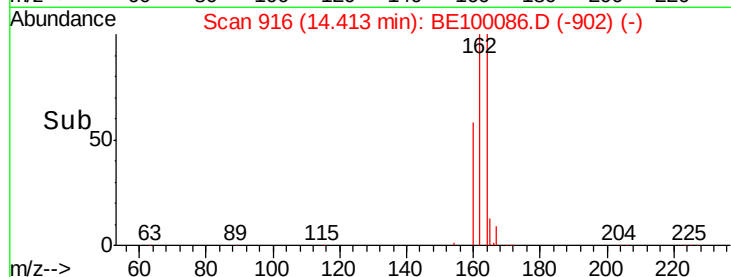
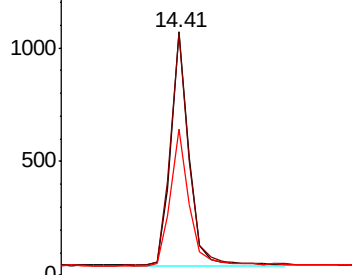
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100086.D
 Acq: 19 Jun 2019 16:51

Instrument :
 BNA_E
 ClientSampleId :
 PB120501BS

Tot Ion:164 Resp: 1754
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.2 117.2
 160 60.0 45.6 68.4

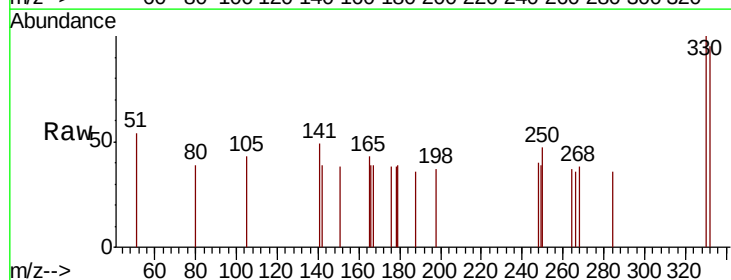


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

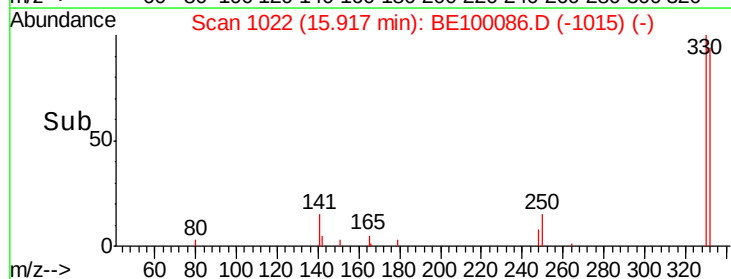
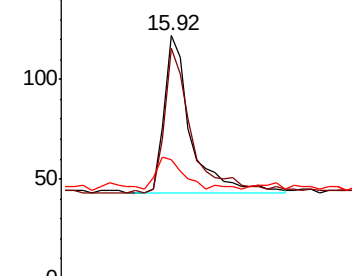


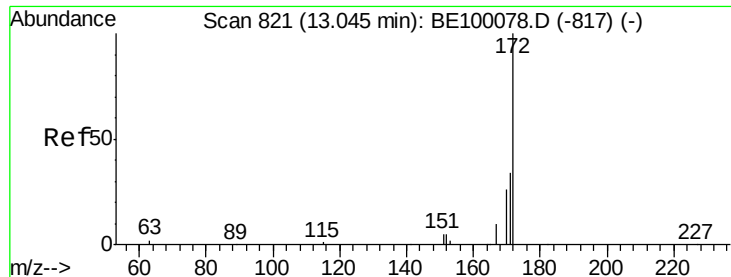
#14
 2,4,6-Tribromophenol
 Concen: 0.230 ng
 RT: 15.92 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BE100086.D
 Acq: 19 Jun 2019 16:51

Tgt Ion:330 Resp: 223
 Ion Ratio Lower Upper
 330 100
 332 98.7 73.3 109.9
 141 21.1 22.2 33.2#



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

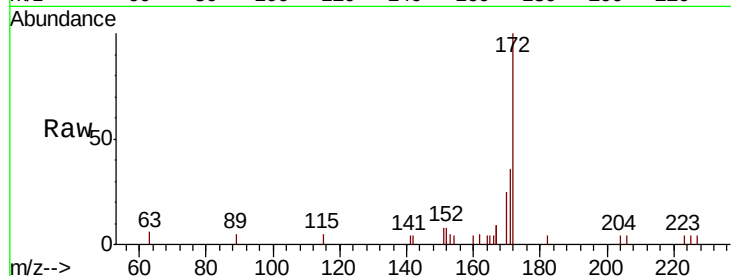




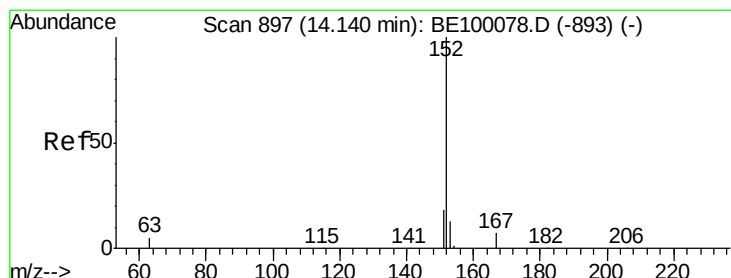
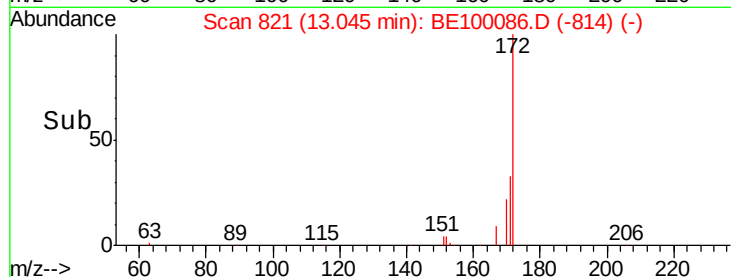
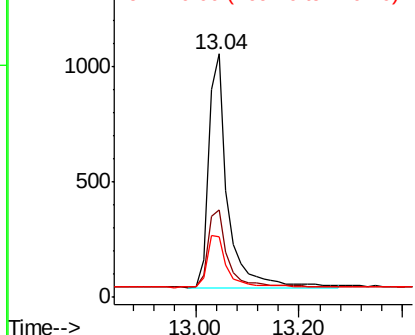
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.04 min Scan# 821
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tot Ion:172 Resp: 2571
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.8
170 25.0 23.2 34.8

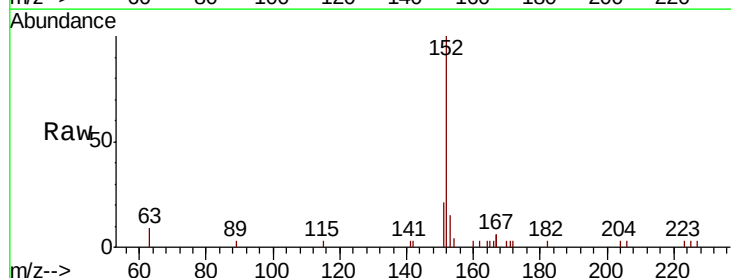


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

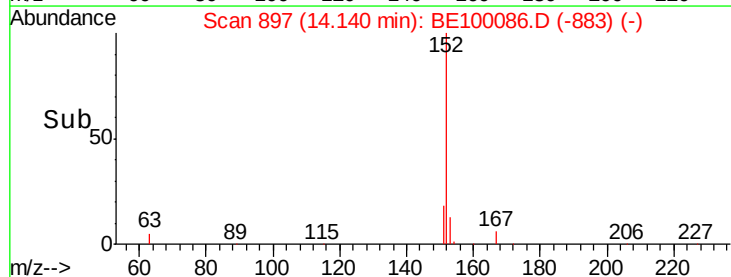
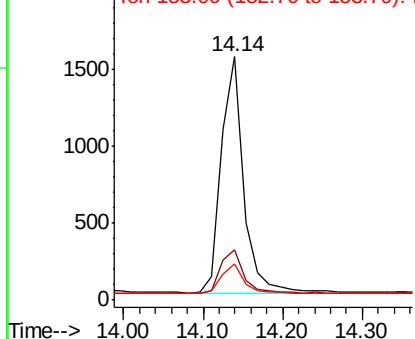


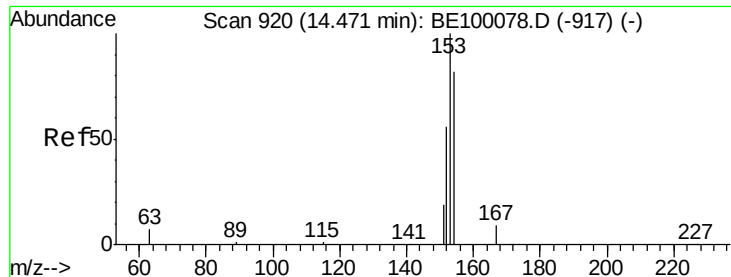
#16
Acenaphthylene
Concen: 0.359 ng
RT: 14.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:152 Resp: 2988
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 12.6 10.1 15.1



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

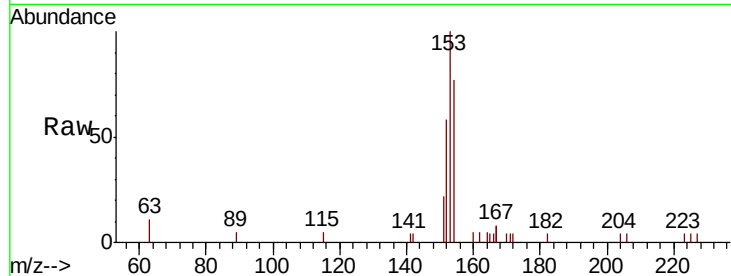




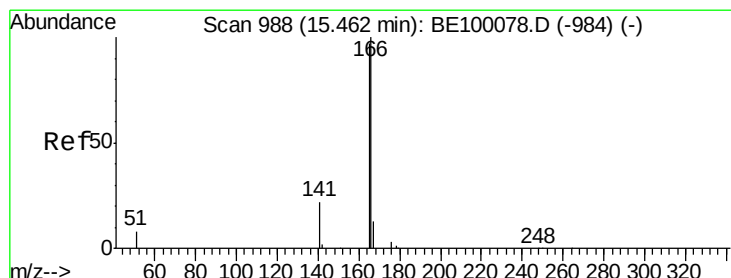
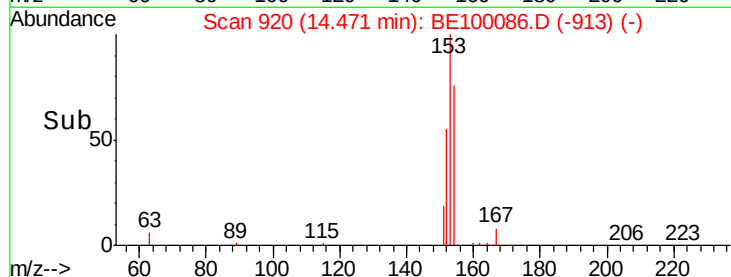
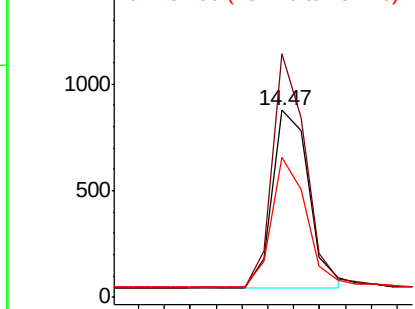
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Instrument :
BNA_E
ClientSampleId :
PB120501BS

Tot Ion:154 Resp: 1635
Ion Ratio Lower Upper
154 100
153 120.7 95.5 143.3
152 70.2 54.9 82.3

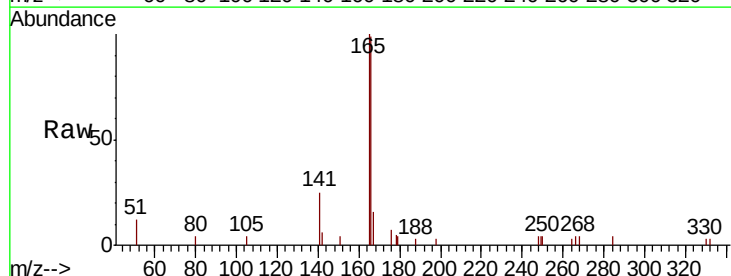


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

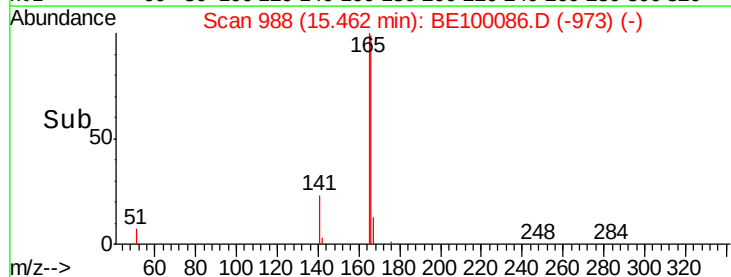
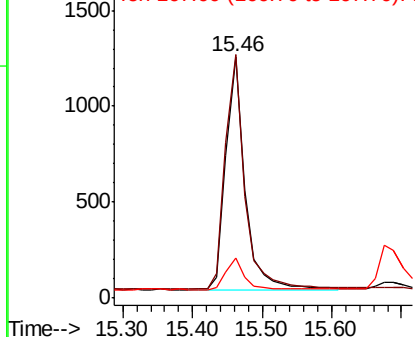


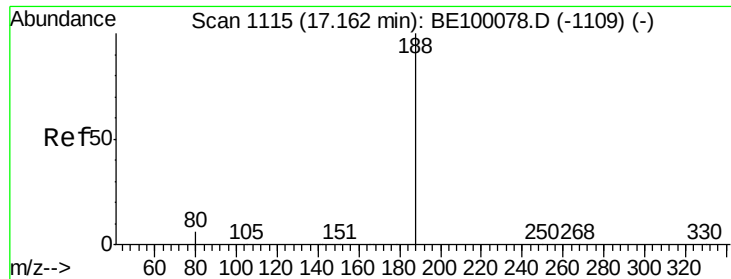
#18
Fluorene
Concen: 0.333 ng
RT: 15.46 min Scan# 988
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:166 Resp: 2312
Ion Ratio Lower Upper
166 100
165 102.2 79.8 119.8
167 13.0 10.2 15.4



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: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

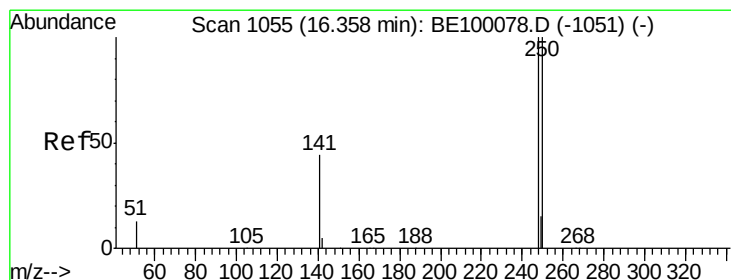
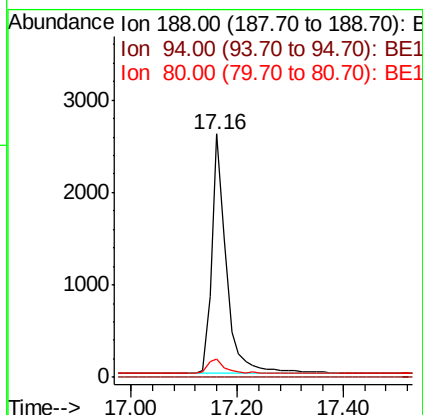
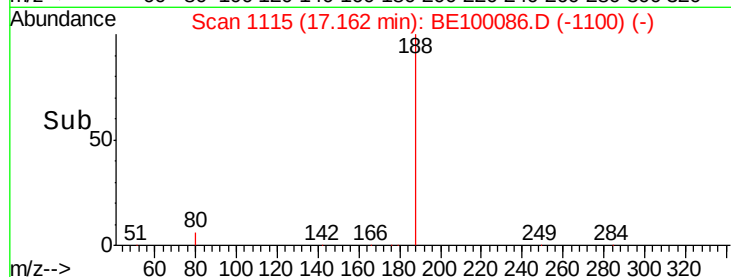
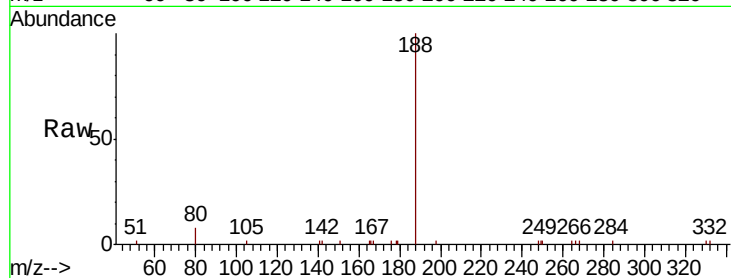
Tot Ion:188 Resp: 4899

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.347 ng

RT: 16.36 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

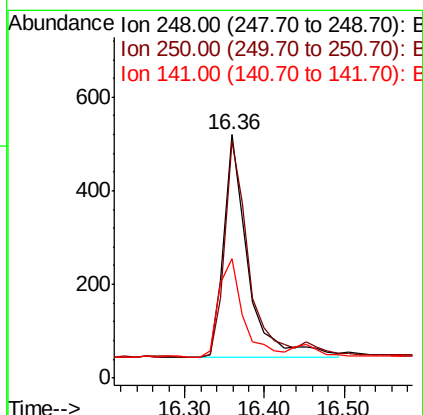
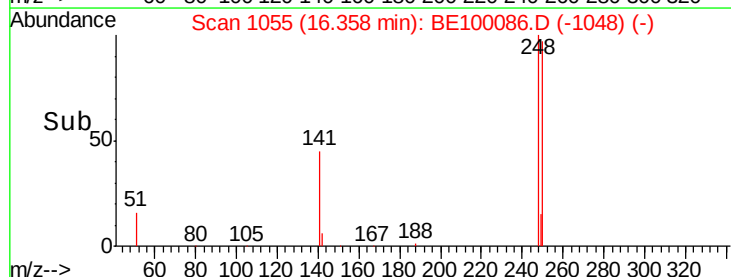
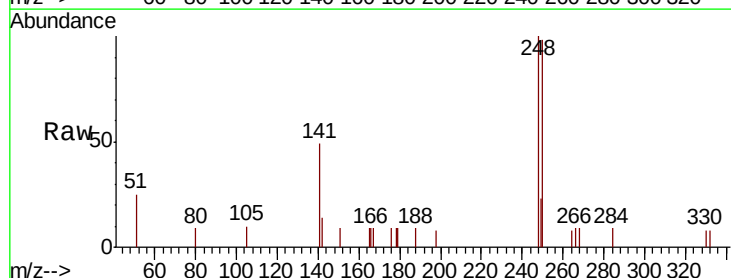
Tgt Ion:248 Resp: 1011

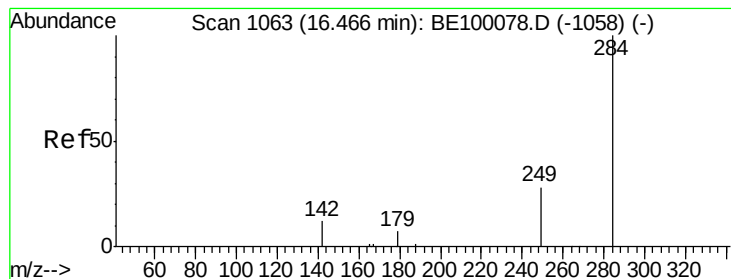
Ion Ratio Lower Upper

248 100

250 97.5 80.6 120.8

141 49.2 38.8 58.2





#21

Hexachlorobenzene

Concen: 0.344 ng

RT: 16.47 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

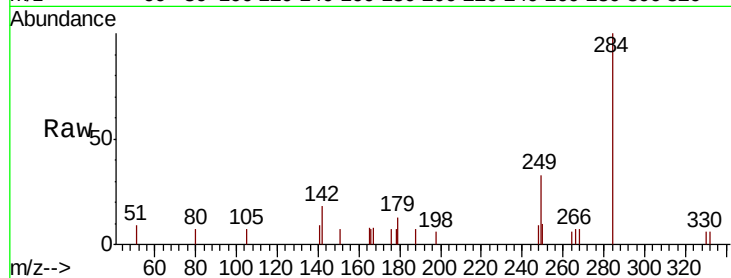
Tot Ion:284 Resp: 1107

Ion Ratio Lower Upper

284 100

142 25.5 20.7 31.1

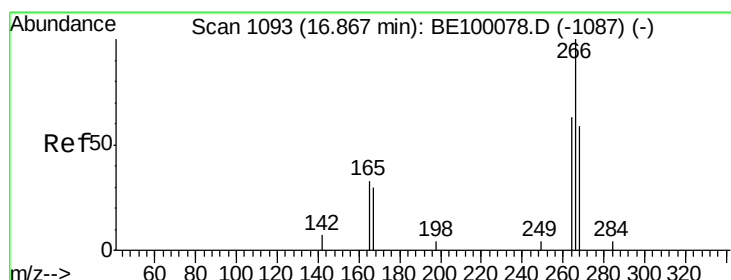
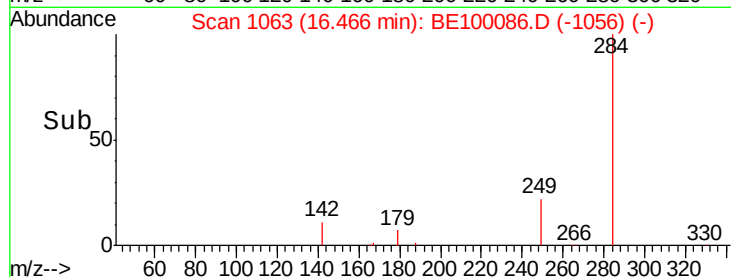
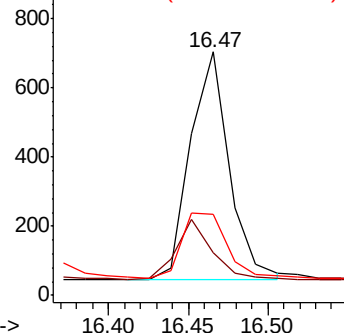
249 33.6 26.6 39.8



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: 0.328 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

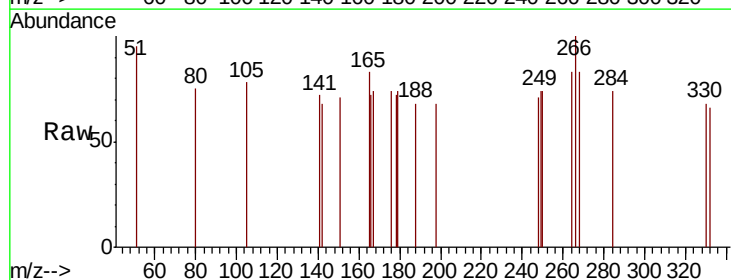
Tgt Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

264 83.1 67.8 101.6

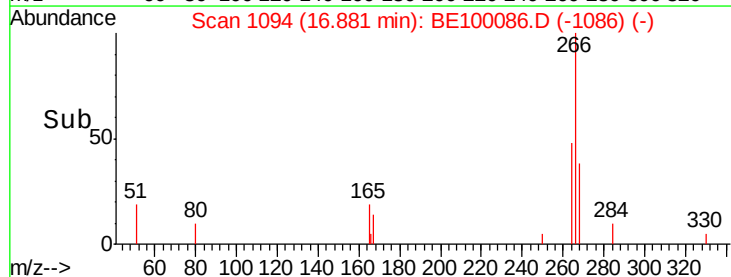
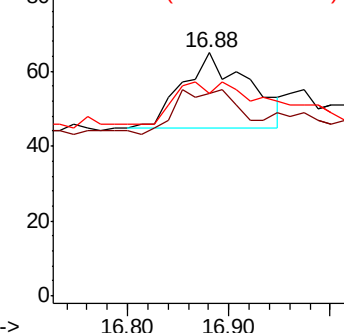
268 83.1 70.0 105.0

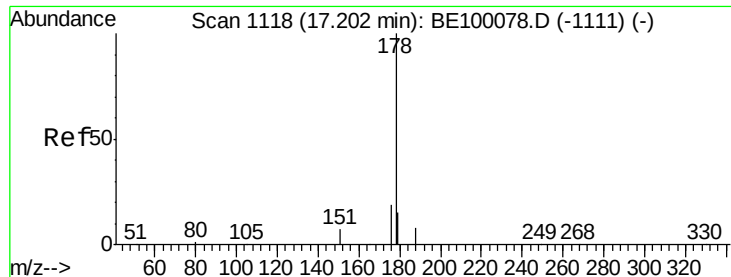


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

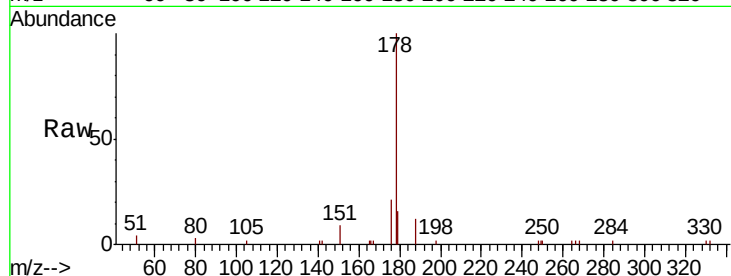
Tot Ion:178 Resp: 4038

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

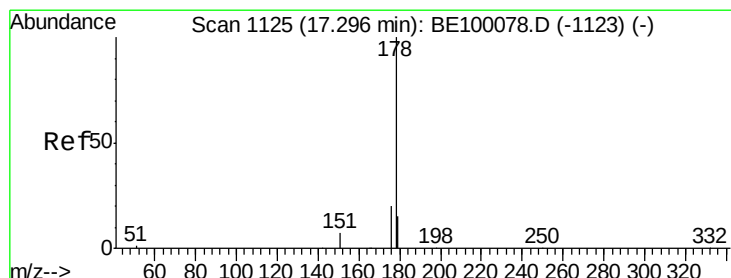
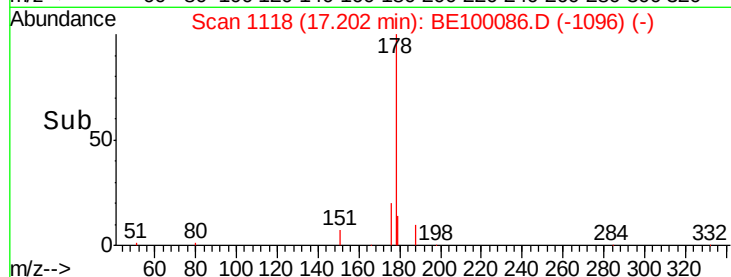
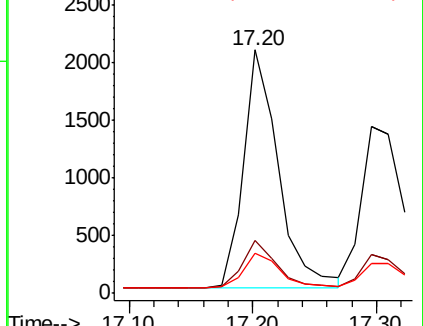
179 15.4 13.1 19.7



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



#24

Anthracene

Concen: 0.322 ng

RT: 17.30 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

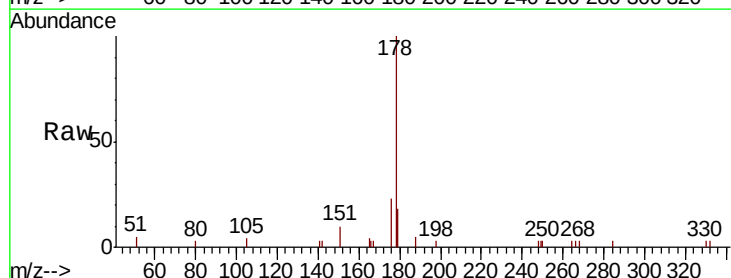
Tgt Ion:178 Resp: 3190

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

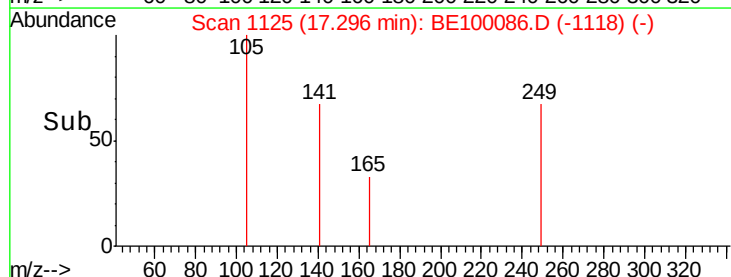
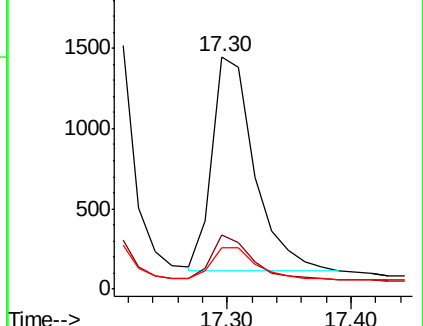
179 15.8 12.0 18.0

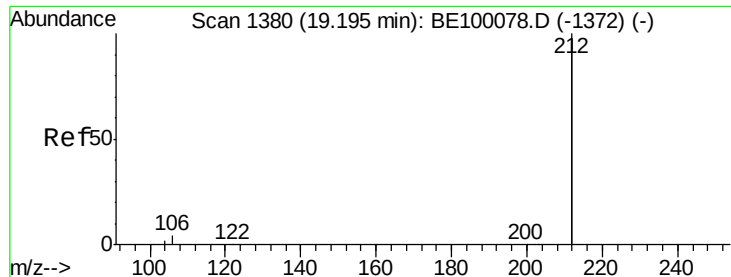


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

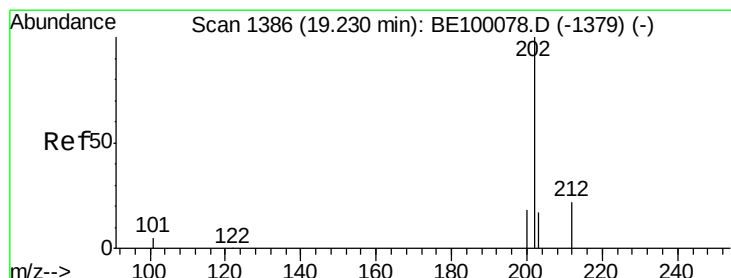
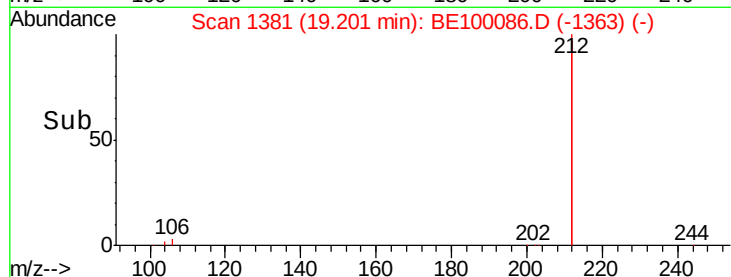
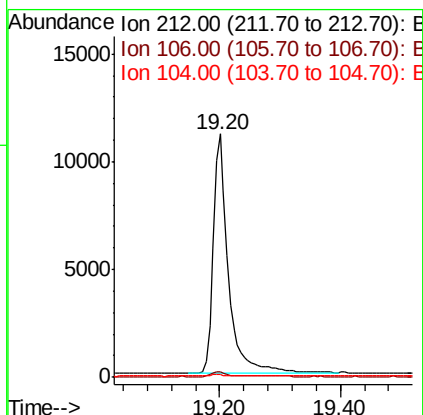
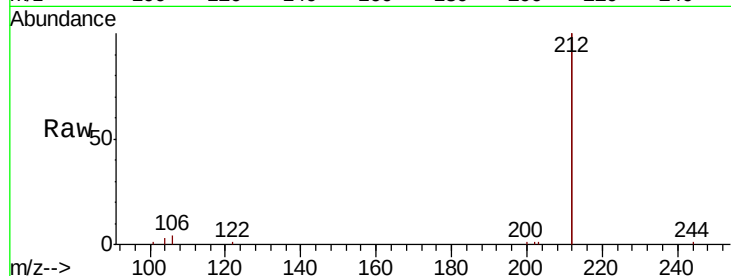




#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

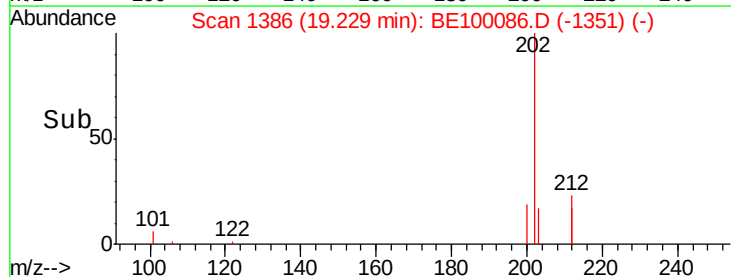
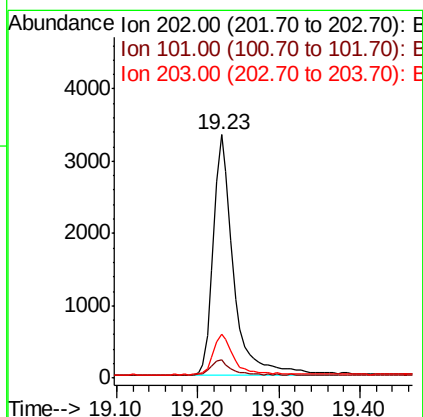
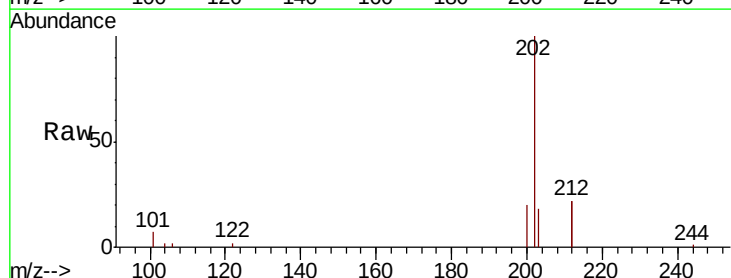
Instrument :
BNA_E
ClientSampleId :
PB120501BS

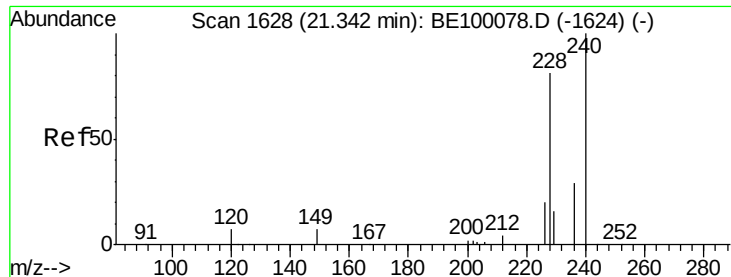
Tot Ion:212 Resp: 19564
Ion Ratio Lower Upper
212 100
106 1.8 1.4 2.0
104 1.0 0.8 1.2



#26
Fluoranthene
Concen: 0.306 ng
RT: 19.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:202 Resp: 5769
Ion Ratio Lower Upper
202 100
101 5.9 5.0 7.4
203 17.8 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

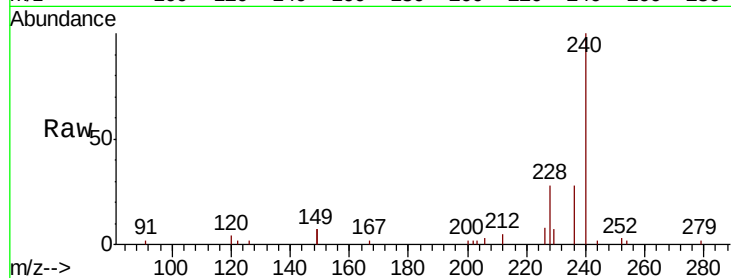
Tot Ion:240 Resp: 5829

Ion Ratio Lower Upper

240 100

120 4.3 6.6 10.0#

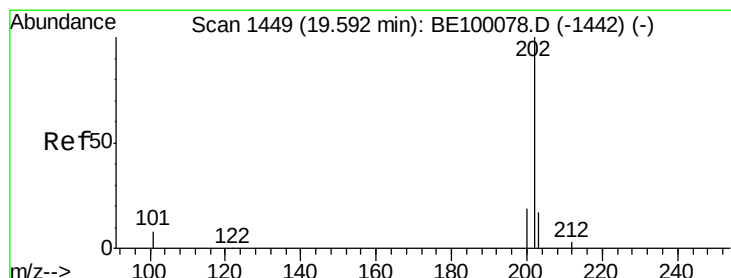
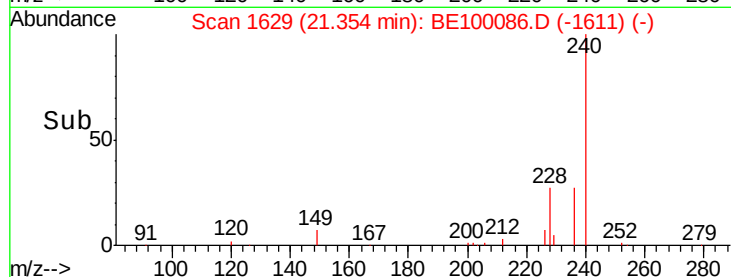
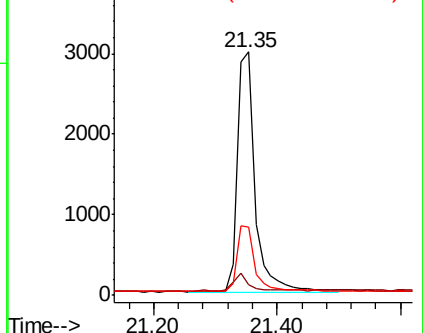
236 28.1 23.8 35.6



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: 0.384 ng

RT: 19.59 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

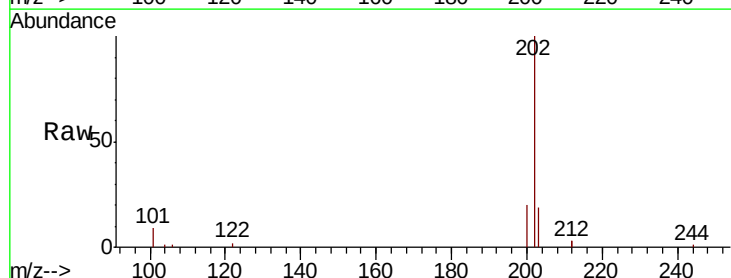
Tgt Ion:202 Resp: 5746

Ion Ratio Lower Upper

202 100

200 19.5 15.6 23.4

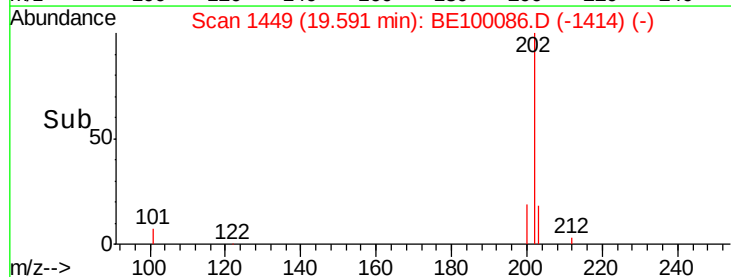
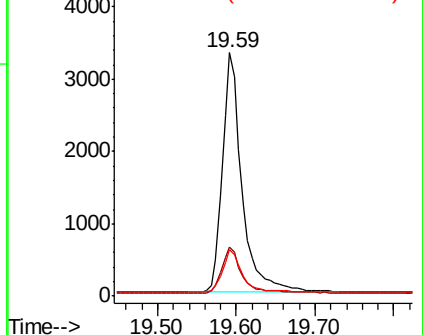
203 17.9 13.9 20.9

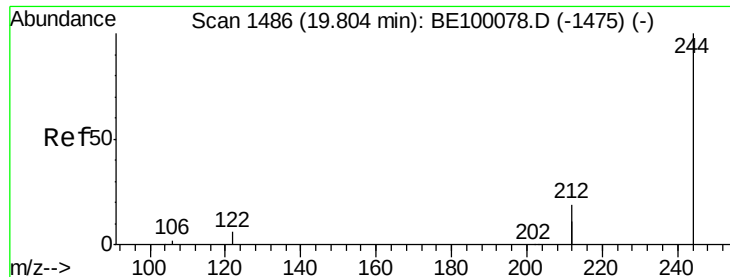


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.340 ng

RT: 19.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

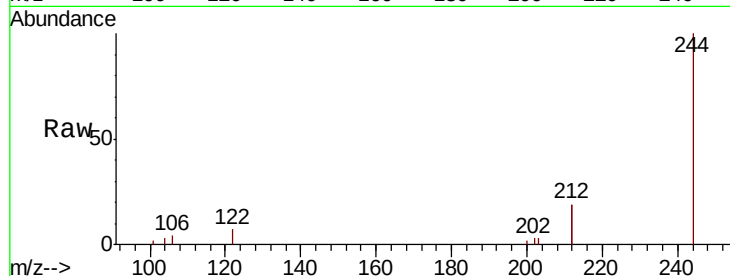
Tot Ion:244 Resp: 3959

Ion Ratio Lower Upper

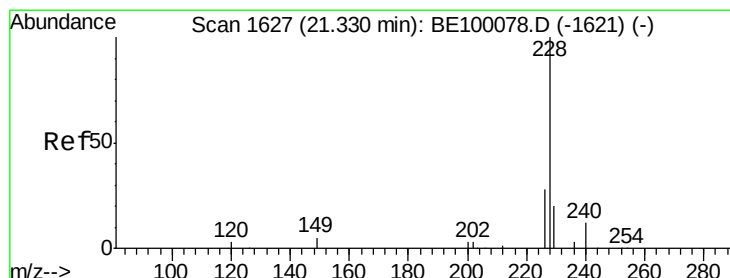
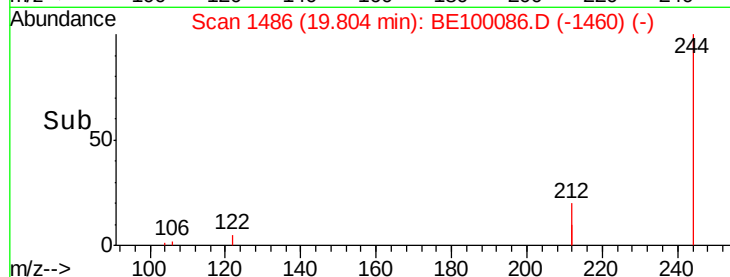
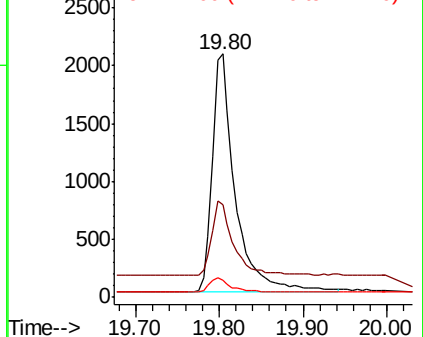
244 100

212 38.2 29.8 44.8

122 7.2 6.1 9.1



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: 0.344 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

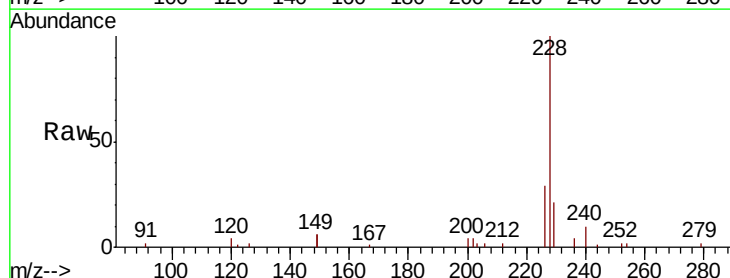
Tgt Ion:228 Resp: 5966

Ion Ratio Lower Upper

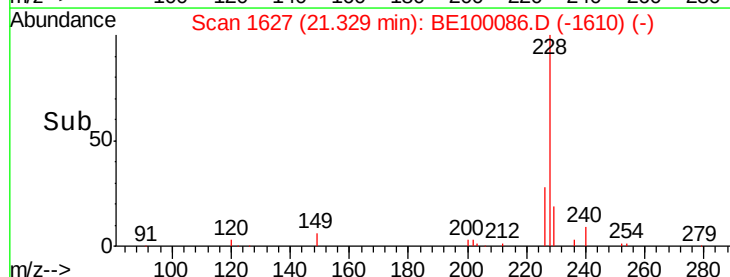
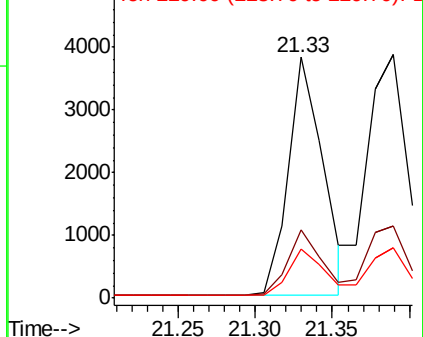
228 100

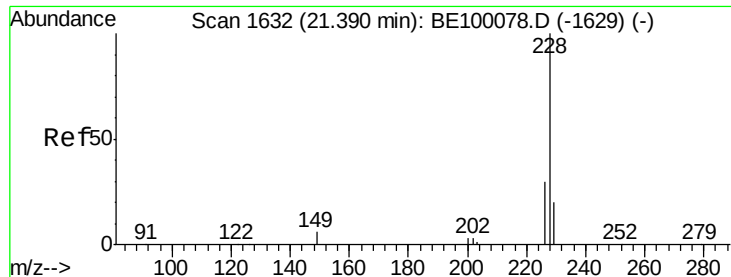
226 28.5 23.0 34.4

229 20.5 16.4 24.6



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: 0.368 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

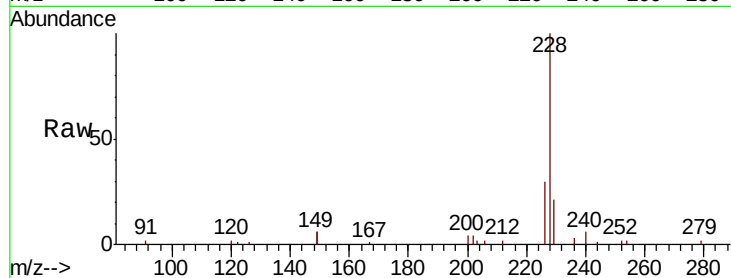
Tot Ion:228 Resp: 7422

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.8

229 20.8 16.3 24.5

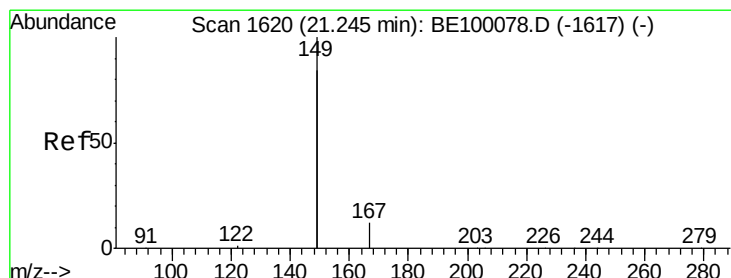
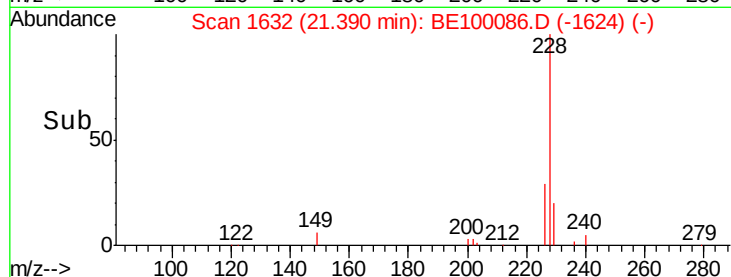
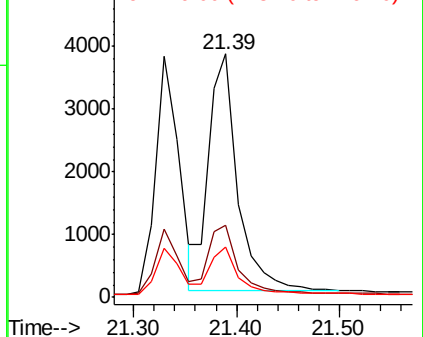


Abundance

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: 0.302 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

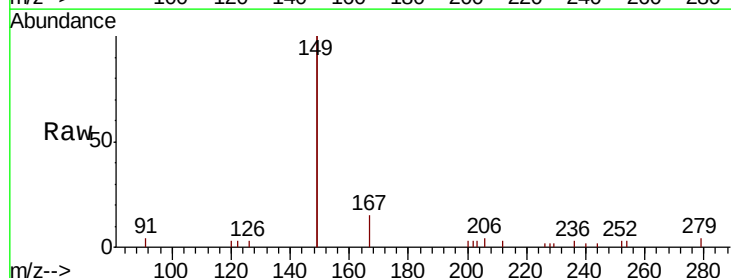
Tgt Ion:149 Resp: 4939

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

279 1.6 1.1 1.7

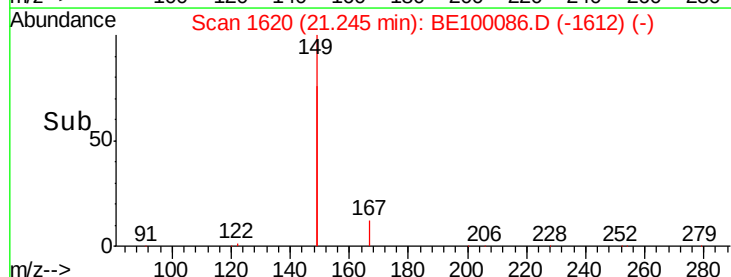
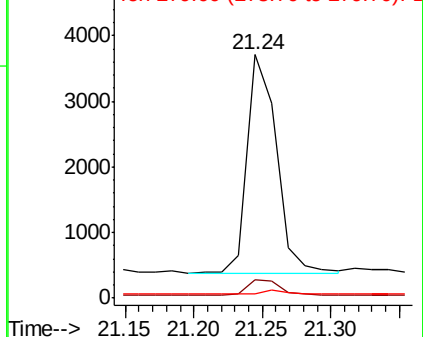


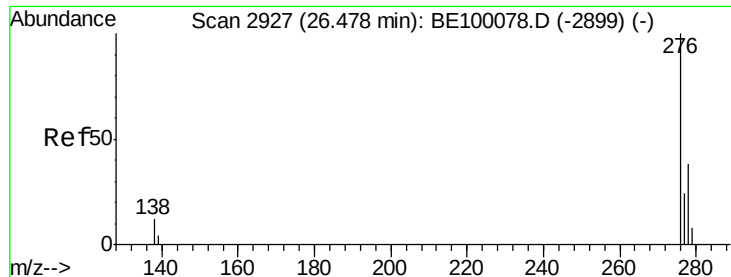
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

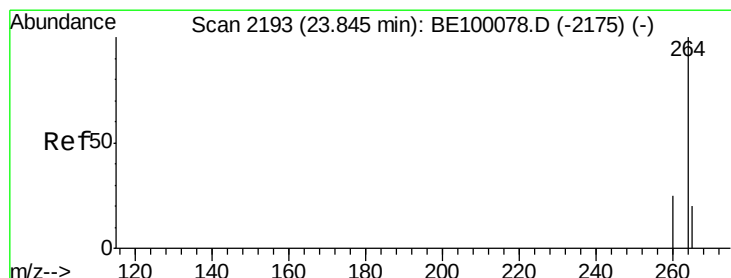
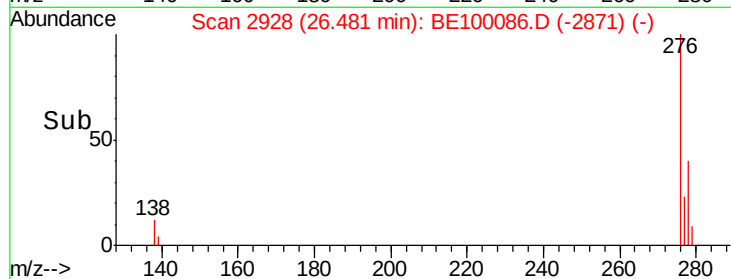
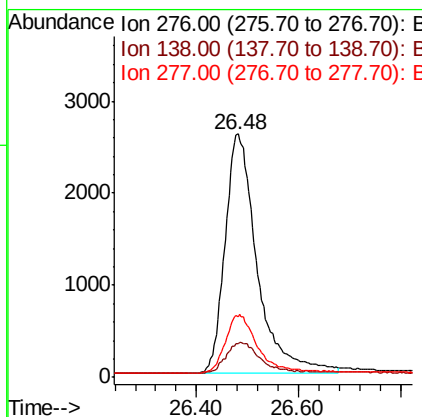
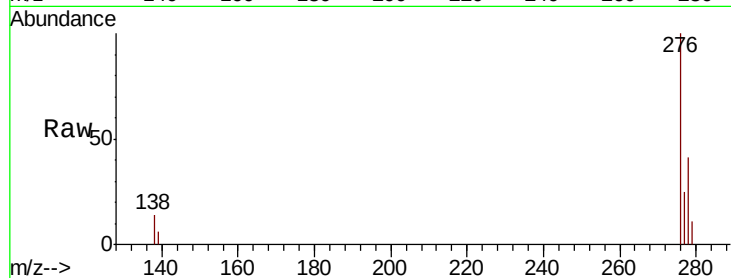




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

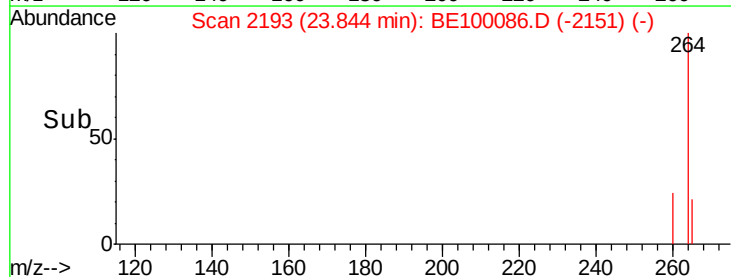
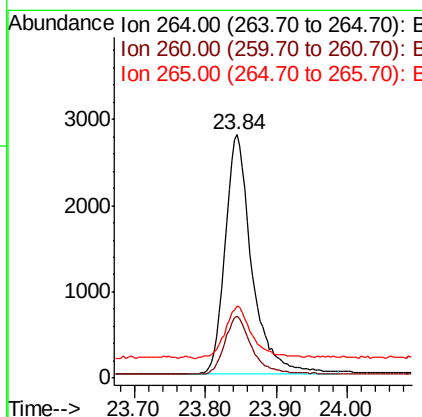
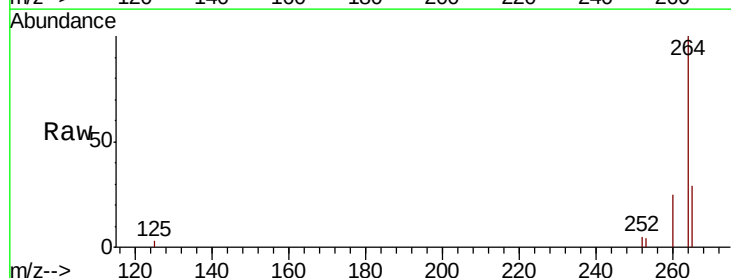
Instrument :
BNA_E
ClientSampleId :
PB120501BS

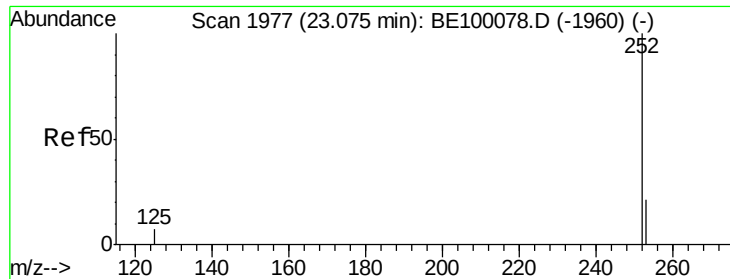
Tot Ion:276 Resp: 11391
Ion Ratio Lower Upper
276 100
138 13.3 4.3 6.5#
277 23.9 19.4 29.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:264 Resp: 7231
Ion Ratio Lower Upper
264 100
260 25.4 20.8 31.2
265 29.4 23.2 34.8

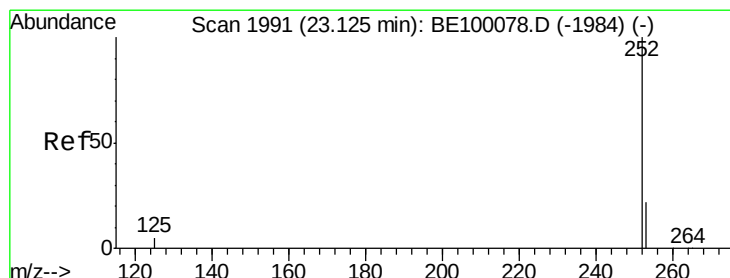
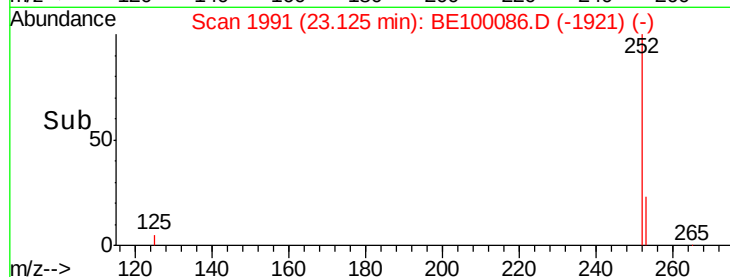
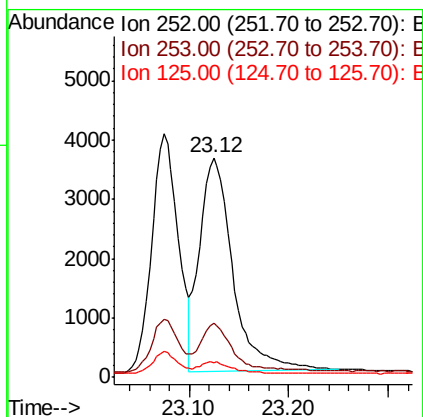
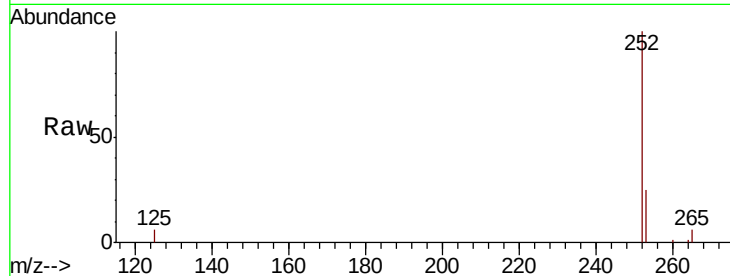




#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.12 min Scan# 1991
Delta R.T. 0.05 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

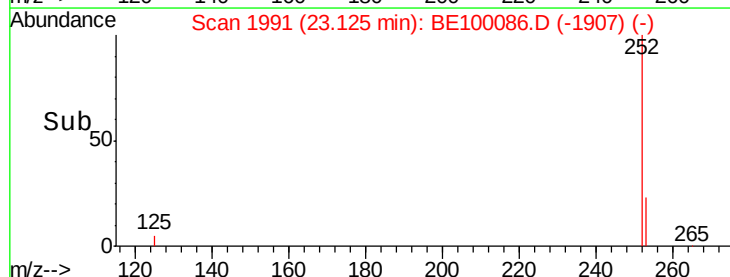
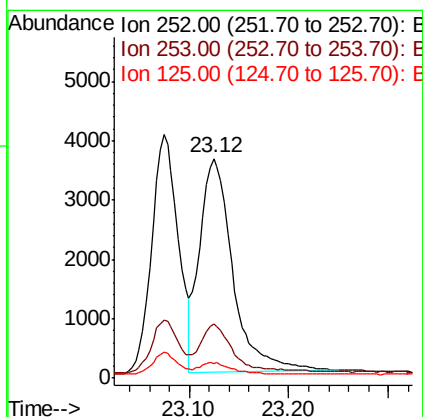
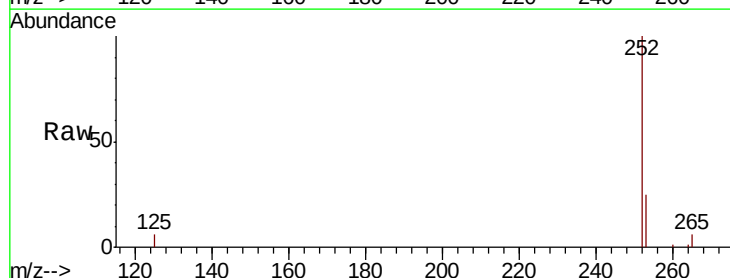
Instrument :
BNA_E
ClientSampleId :
PB120501BS

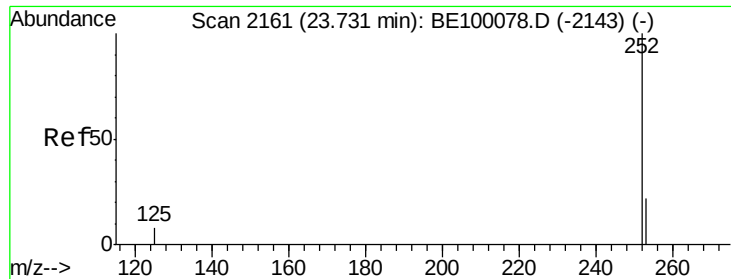
Tot Ion:252 Resp: 8354
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 6.4 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100086.D
Acq: 19 Jun 2019 16:51

Tgt Ion:252 Resp: 8354
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 6.4 5.3 7.9





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.73 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

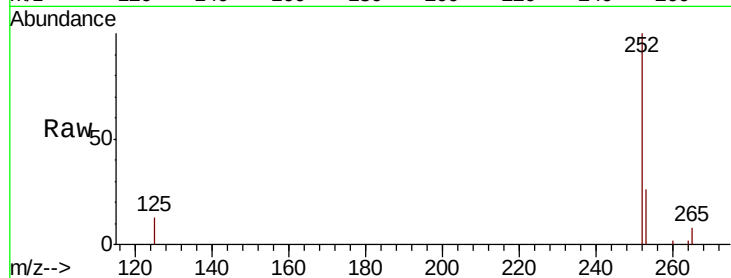
Tot Ion:252 Resp: 7413

Ion Ratio Lower Upper

252 100

253 25.7 19.4 29.2

125 12.7 8.0 12.0#

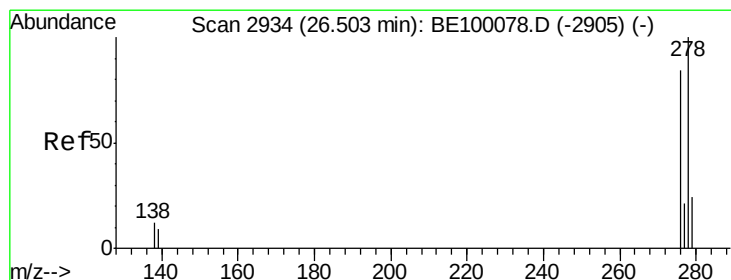
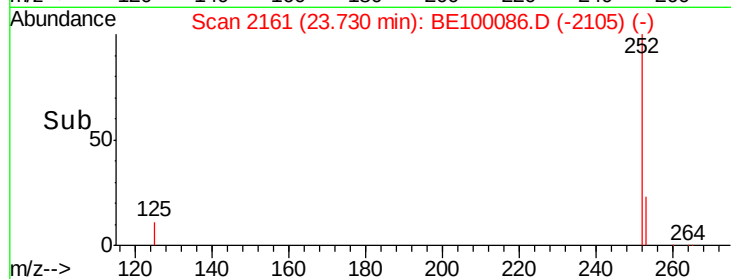
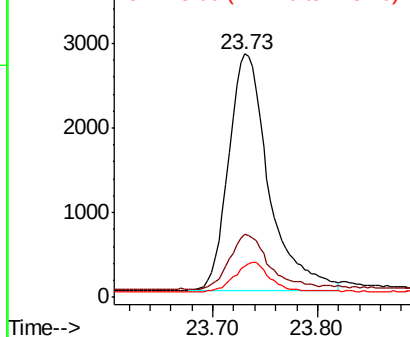


Abundance

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: 0.446 ng

RT: 26.51 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

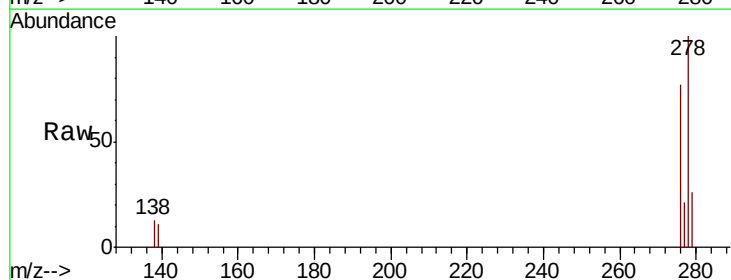
Tgt Ion:278 Resp: 9360

Ion Ratio Lower Upper

278 100

139 11.0 9.0 13.6

279 26.1 21.4 32.0

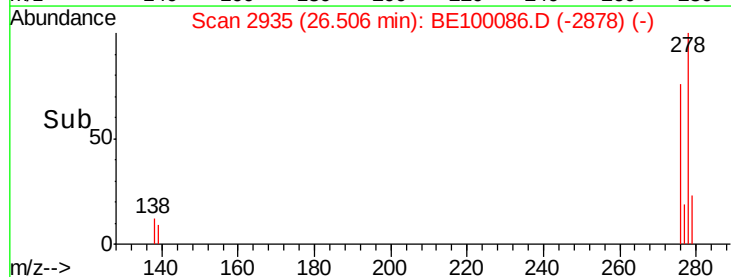
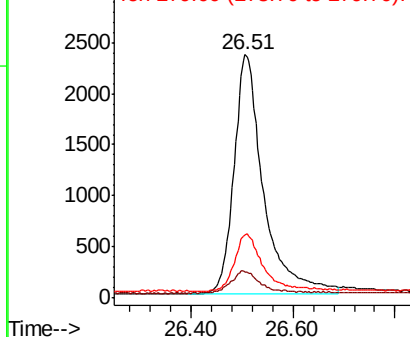


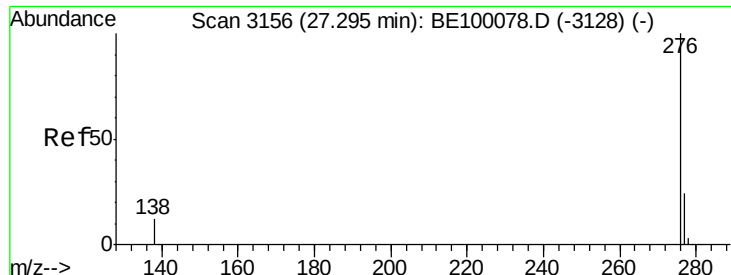
Abundance

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: 0.442 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100086.D

Acq: 19 Jun 2019 16:51

Instrument :

BNA_E

ClientSampleId :

PB120501BS

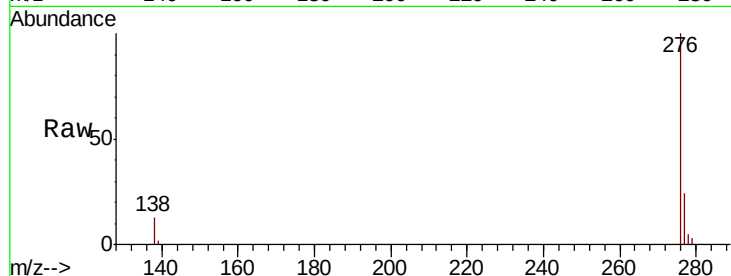
Tot Ion:276 Resp: 9649

Ion Ratio Lower Upper

276 100

277 24.0 20.3 30.5

138 12.6 11.3 16.9



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

