

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100782.D
 Acq On : 5 Dec 2019 10:50
 Operator : JU
 Sample : PB125154BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125154BS

Quant Time: Dec 05 12:50:05 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	6973	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	28926	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13360	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26850	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	25796	0.40	ng	0.00
34) Perylene-d12	23.76	264	31342	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	5104	0.31	ng	0.00
5) Phenol-d6	6.93	99	8203	0.33	ng	0.00
8) Nitrobenzene-d5	8.90	82	4437	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12288	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	408	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	17179	0.32	ng	0.00
25) Fluoranthene-d10	19.16	212	80635	0.25	ng	0.00
29) Terphenyl-d14	19.76	244	17223	0.28	ng	0.00

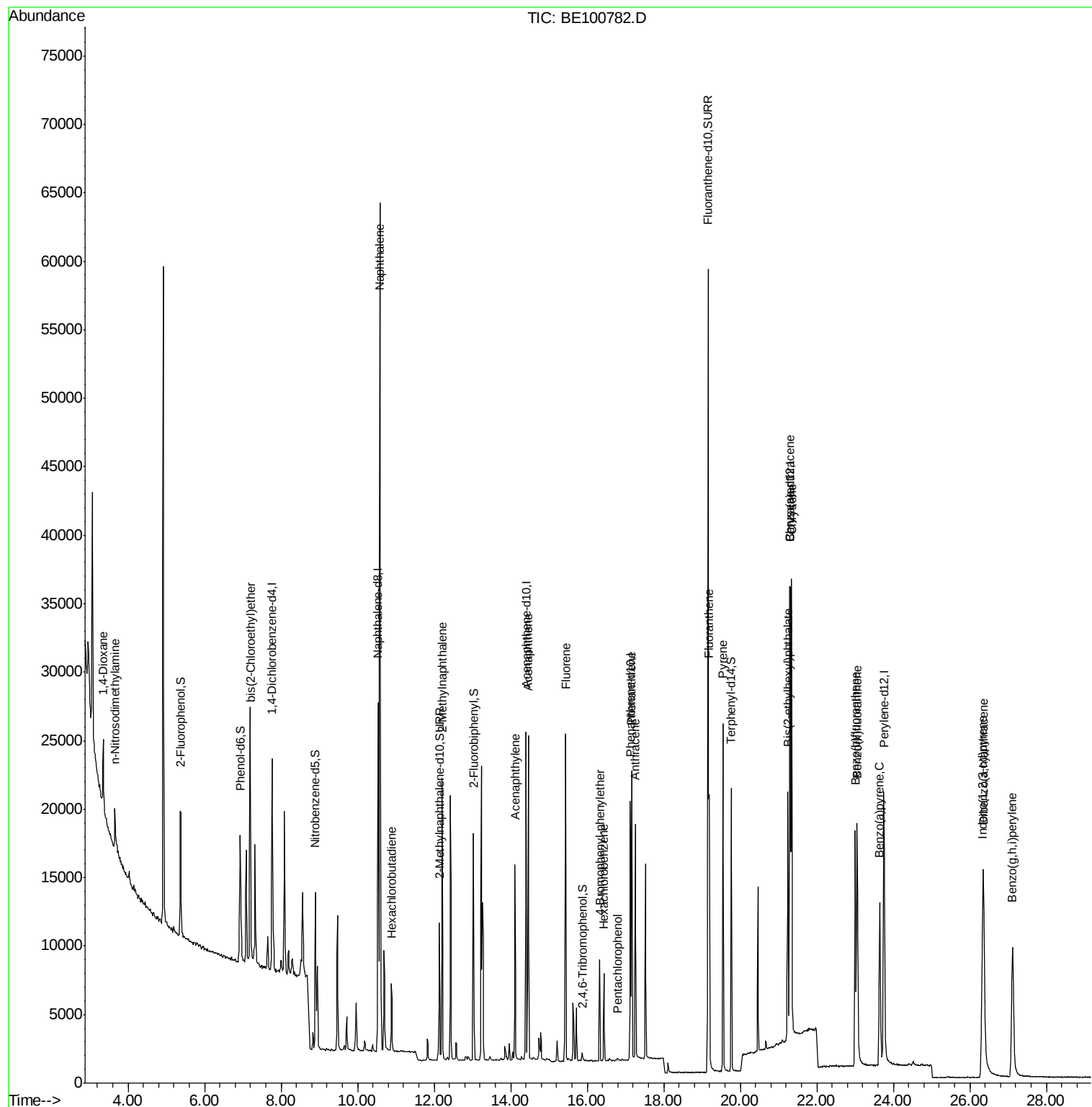
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	3023	0.238	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	3170	0.306	ng	95
6) bis(2-Chloroethyl)ether	7.20	93	7399	0.307	ng	97
9) Naphthalene	10.59	128	95886	0.312	ng	100
10) Hexachlorobutadiene	10.89	225	3459	0.289	ng	97
12) 2-Methylnaphthalene	12.21	142	13588	0.283	ng	98
16) Acenaphthylene	14.11	152	15714	0.284	ng	99
17) Acenaphthene	14.46	154	11201	0.294	ng	99
18) Fluorene	15.43	166	13232	0.269	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3708	0.281	ng	97
21) Hexachlorobenzene	16.44	284	4276	0.299	ng	99
22) Pentachlorophenol	16.79	266	118	0.119	ng	99
23) Phenanthrene	17.16	178	24306	0.299	ng	100
24) Anthracene	17.25	178	18238	0.268	ng	98
26) Fluoranthene	19.19	202	24055	0.248	ng	99
28) Pyrene	19.55	202	23837	0.284	ng	99
30) Benzo(a)anthracene	21.29	228	21629	0.284	ng	98
31) Chrysene	21.34	228	27518	0.308	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	18579	0.343	ng	100
33) Indeno(1,2,3-cd)pyrene	26.33	276	27219	0.350	ng	# 87
35) Benzo(b)fluoranthene	23.01	252	25070	0.292	ng	99
36) Benzo(k)fluoranthene	23.06	252	28686	0.298	ng	100
37) Benzo(a)pyrene	23.65	252	21991	0.296	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	22815	0.309	ng	99
39) Benzo(g,h,i)perylene	27.12	276	25655	0.325	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

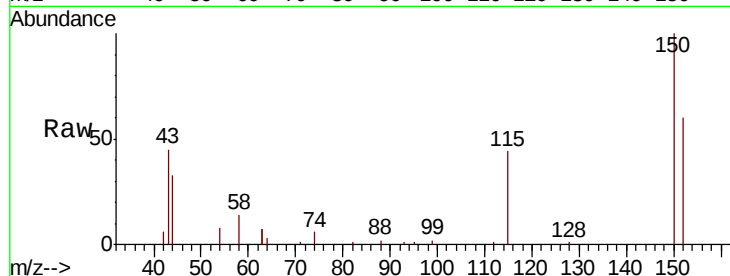
Tot Ion:152 Resp: 6973

Ion Ratio Lower Upper

152 100

150 166.6 120.6 181.0

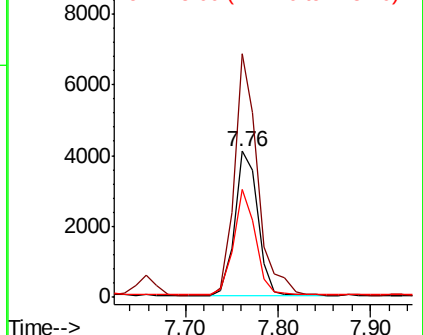
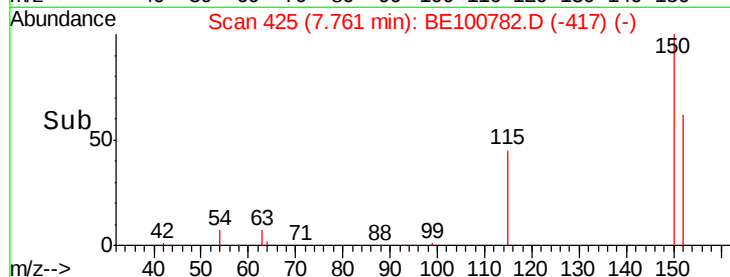
115 73.8 47.4 71.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.238 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

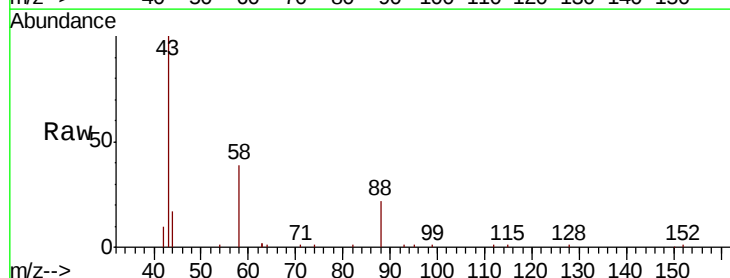
Tgt Ion: 88 Resp: 3023

Ion Ratio Lower Upper

88 100

58 110.3 52.5 78.7#

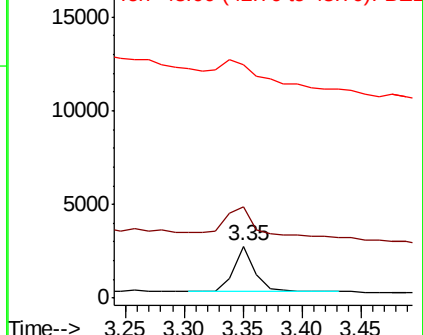
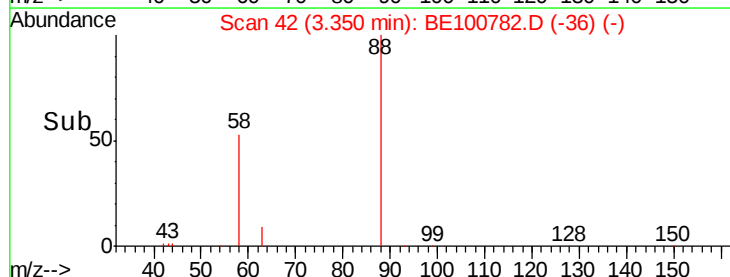
43 153.4 23.0 34.6#



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



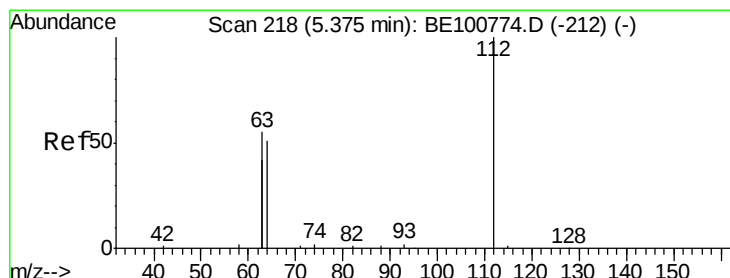
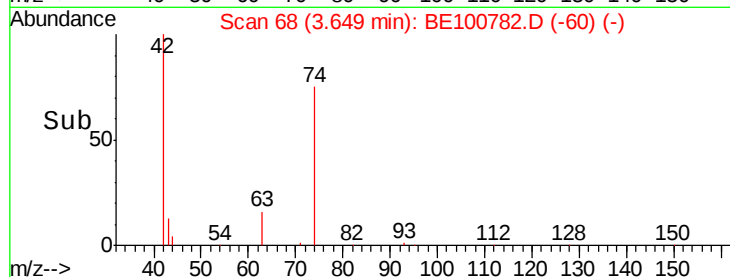
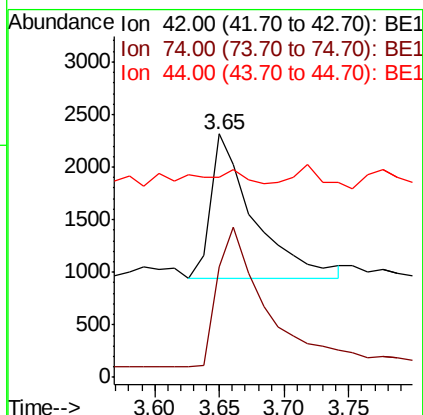
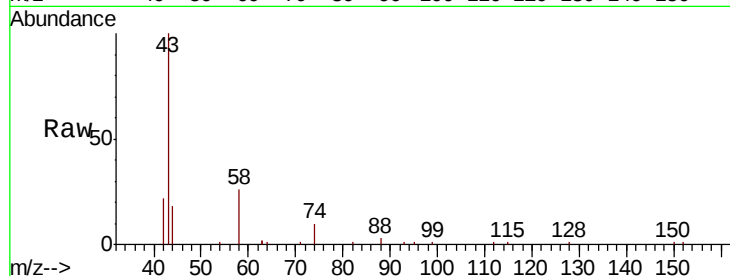


#3

n-Nitrosodimethylamine
 Concen: 0.306 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE100782.D
 Acq: 5 Dec 2019 10:50

Instrument :
 BNA_E
 ClientSampleId :
 PB125154BS

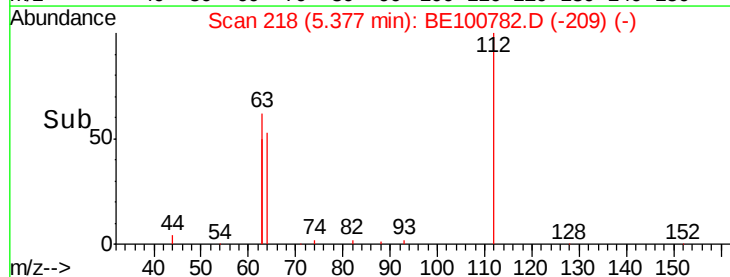
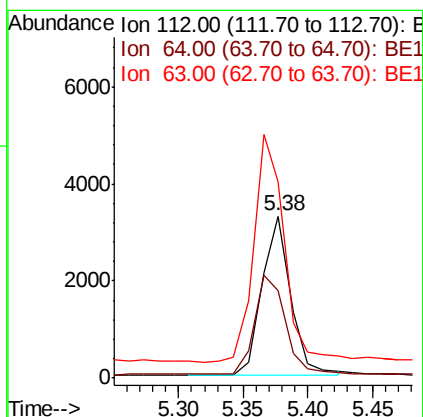
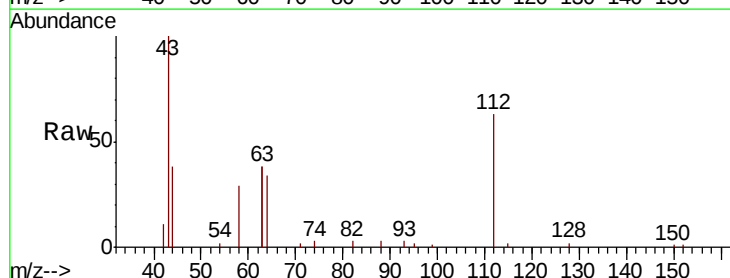
Tot Ion: 42 Resp: 3170
 Ion Ratio Lower Upper
 42 100
 74 112.8 86.3 129.5
 44 16.4 11.6 17.4

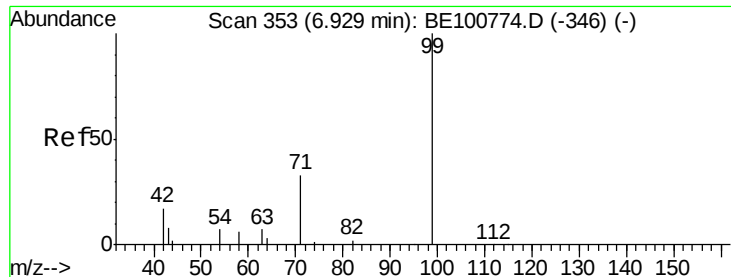


#4

2-Fluorophenol
 Concen: 0.308 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100782.D
 Acq: 5 Dec 2019 10:50

Tgt Ion: 112 Resp: 5104
 Ion Ratio Lower Upper
 112 100
 64 66.1 54.1 81.1
 63 149.7 113.2 169.8





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

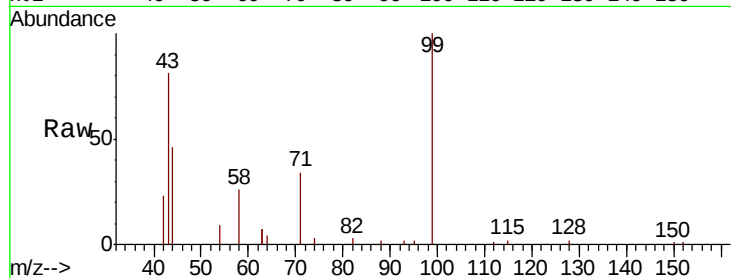
Tot Ion: 99 Resp: 8203

Ion Ratio Lower Upper

99 100

42 23.8 19.1 28.7

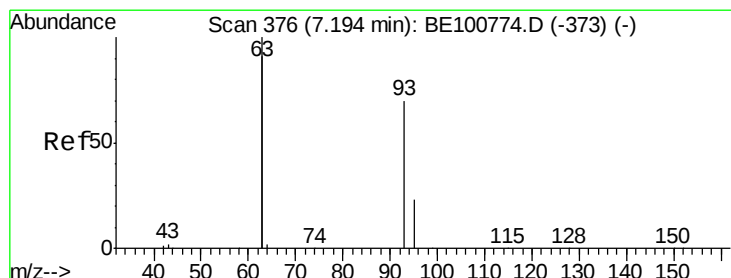
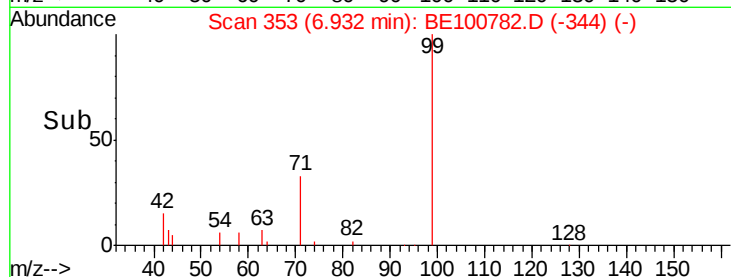
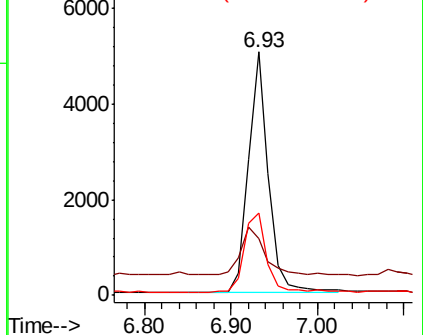
71 36.5 27.7 41.5



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: 0.307 ng

RT: 7.20 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

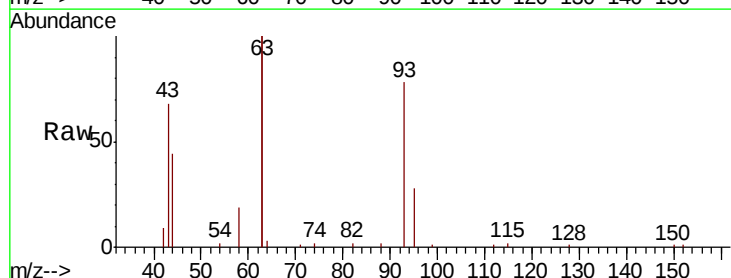
Tgt Ion: 93 Resp: 7399

Ion Ratio Lower Upper

93 100

63 317.1 259.4 389.0

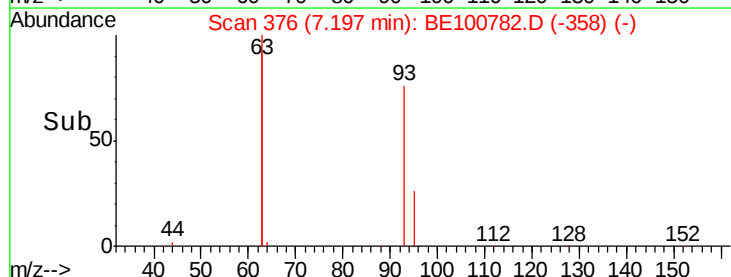
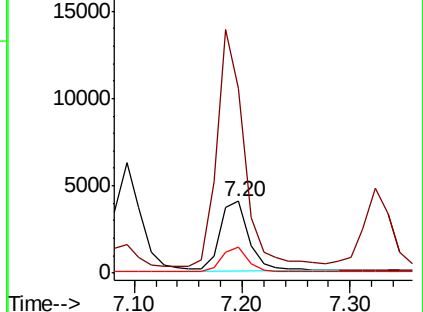
95 34.3 26.2 39.2



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: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

Tot Ion:136 Resp: 28926

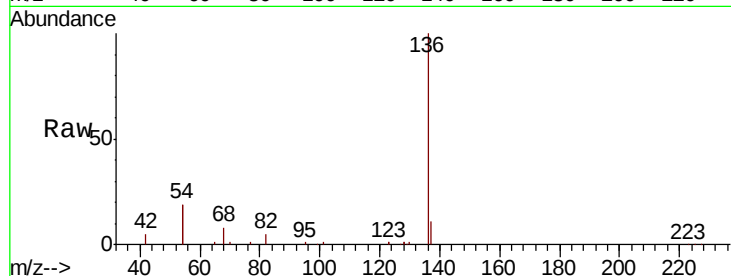
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 39.0 31.1 46.7

68 8.4 6.6 10.0

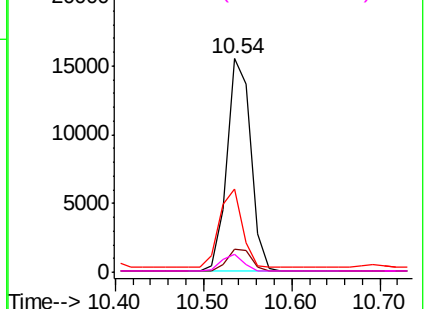
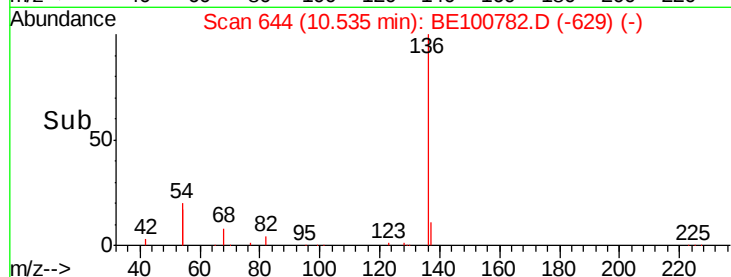


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

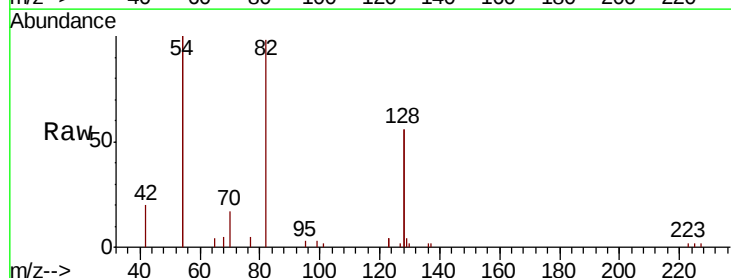
Tgt Ion: 82 Resp: 4437

Ion Ratio Lower Upper

82 100

128 112.8 97.0 145.4

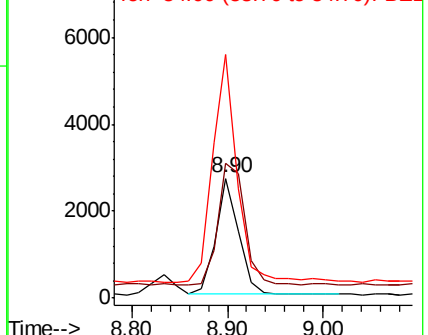
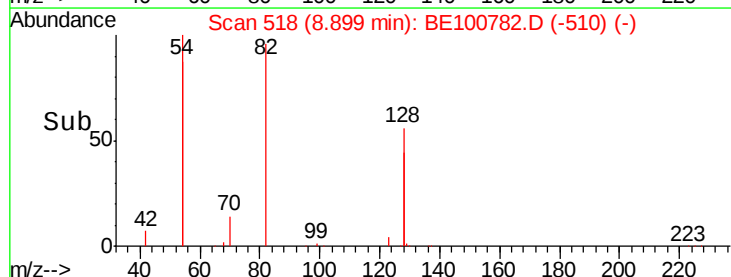
54 203.3 171.8 257.6

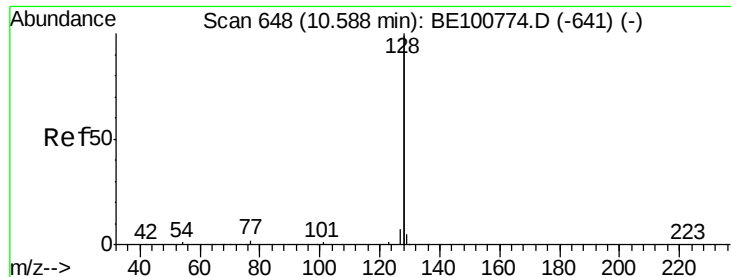


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.312 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

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ClientSampleId :

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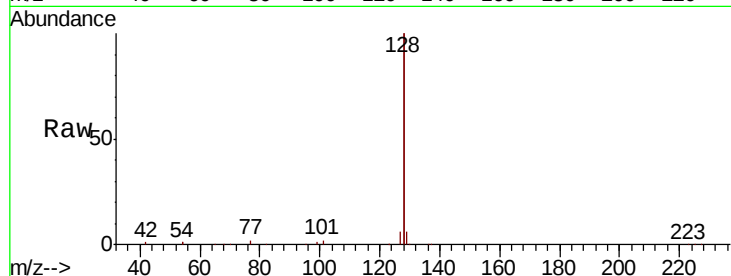
Tot Ion:128 Resp: 95886

Ion Ratio Lower Upper

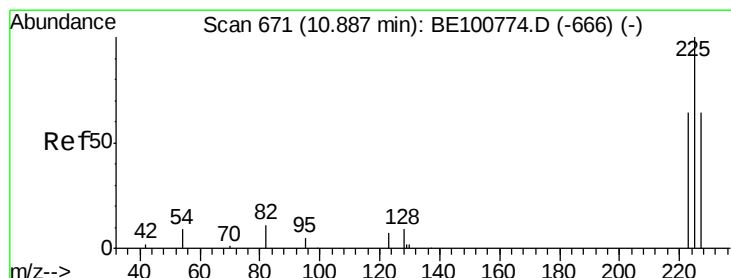
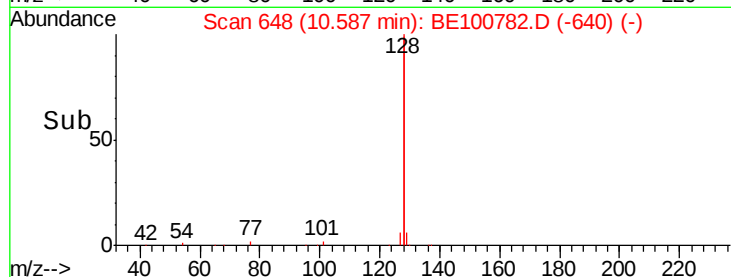
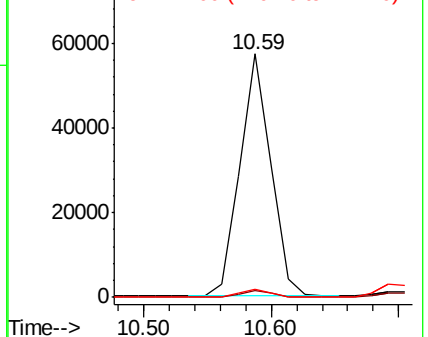
128 100

129 2.9 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: 0.289 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

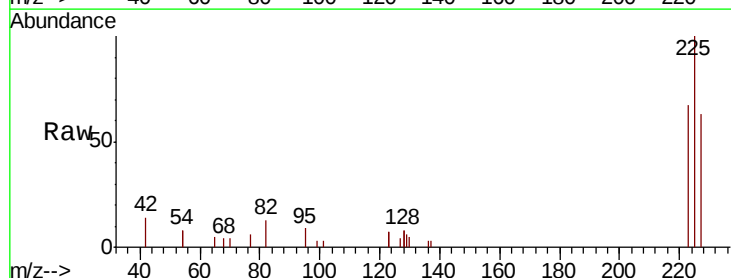
Tgt Ion:225 Resp: 3459

Ion Ratio Lower Upper

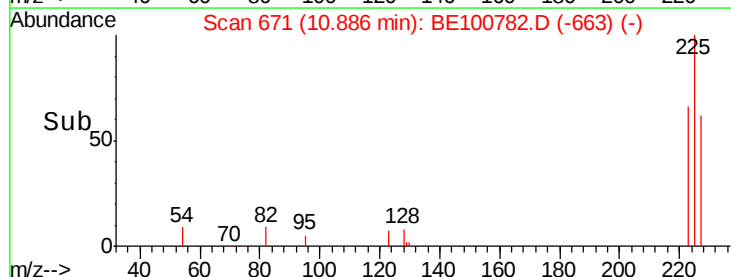
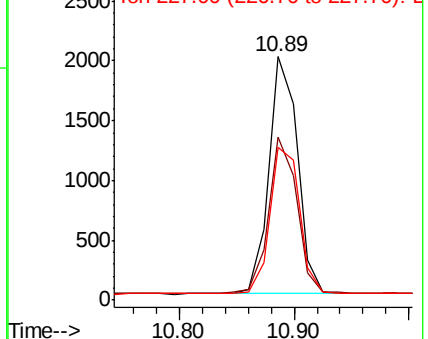
225 100

223 65.6 49.9 74.9

227 64.6 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: 0.293 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

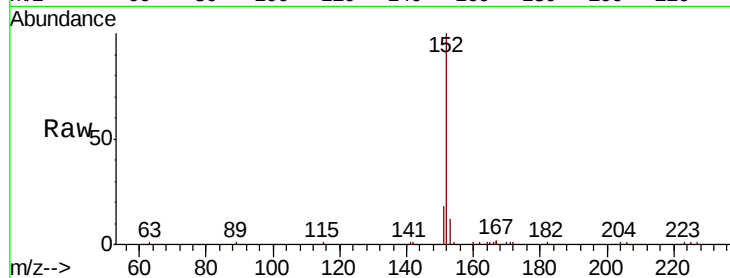
PB125154BS

Tot Ion:152 Resp: 12288

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

8000

6000

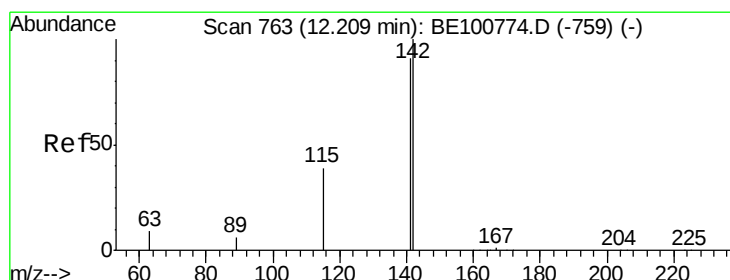
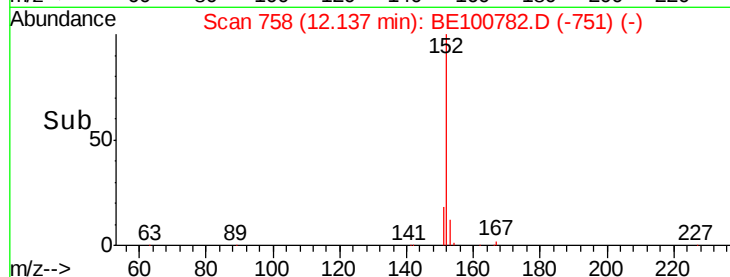
4000

2000

0

12.00 12.10 12.20 12.30

Time-->



#12

2-Methylnaphthalene

Concen: 0.283 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

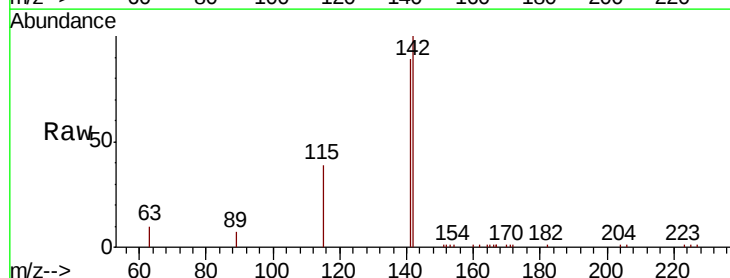
Tgt Ion:142 Resp: 13588

Ion Ratio Lower Upper

142 100

141 89.3 72.6 108.8

115 38.7 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

12.21

10000

8000

6000

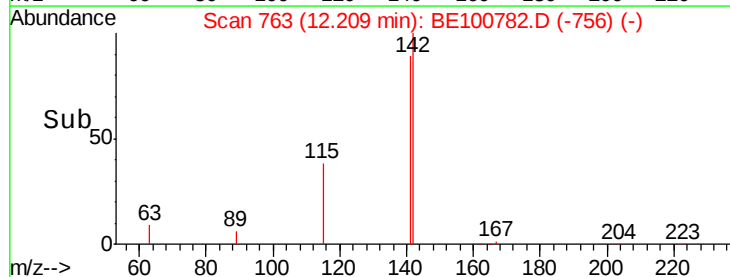
4000

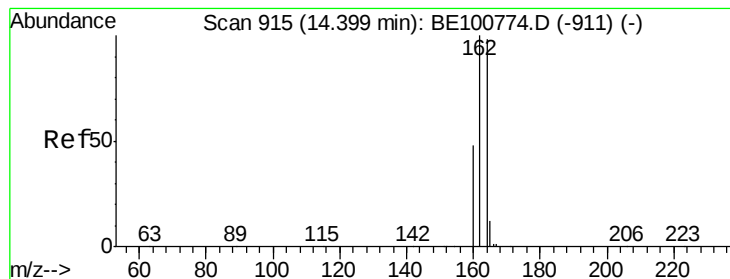
2000

0

12.10 12.20 12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

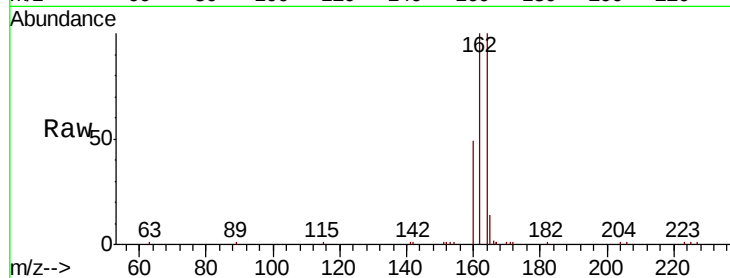
Tot Ion:164 Resp: 13360

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

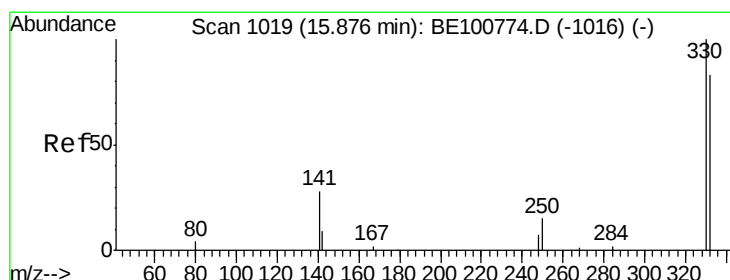
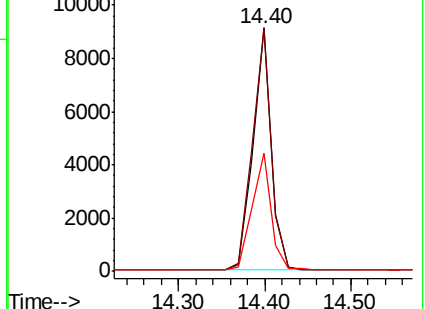
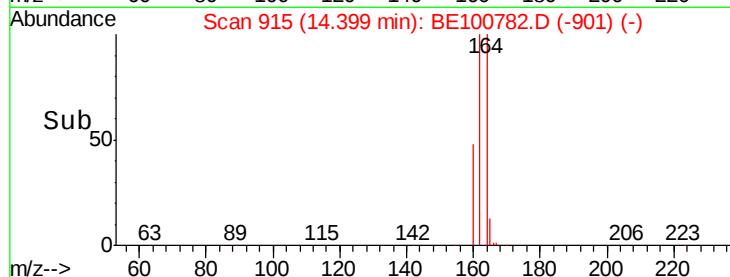
160 48.6 39.4 59.0



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: 0.275 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

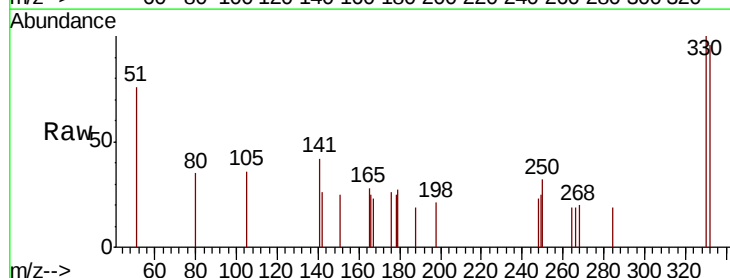
Tgt Ion:330 Resp: 408

Ion Ratio Lower Upper

330 100

332 93.6 69.4 104.2

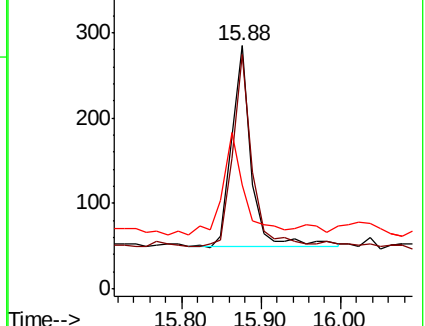
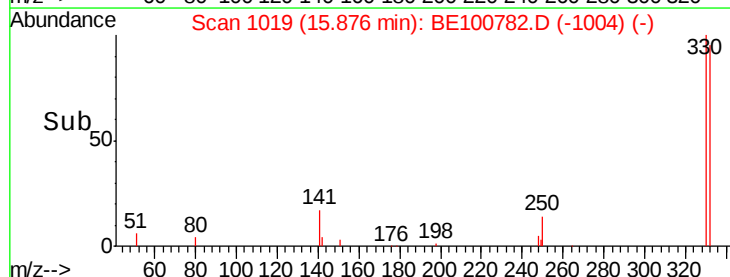
141 55.9 51.1 76.7



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

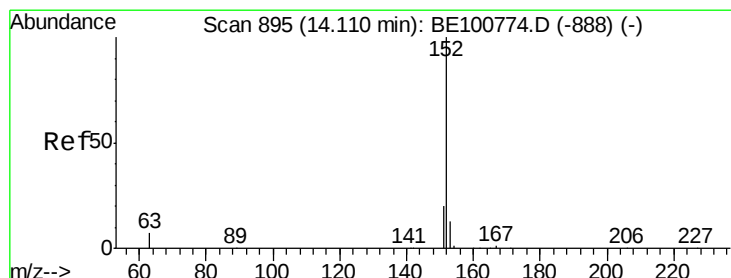
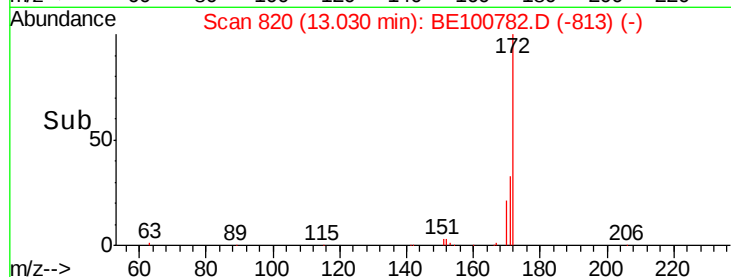
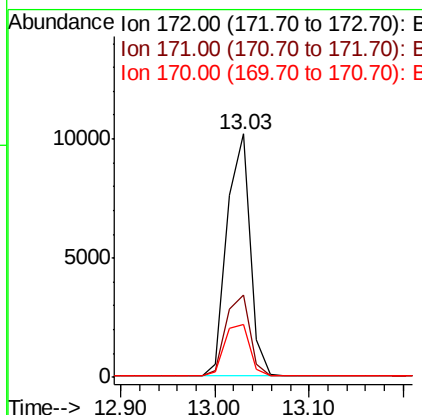
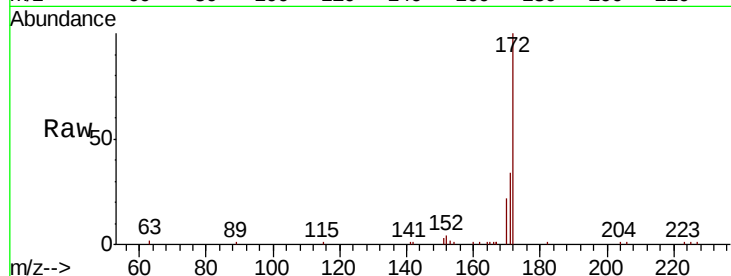




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100782.D
Acq: 5 Dec 2019 10:50

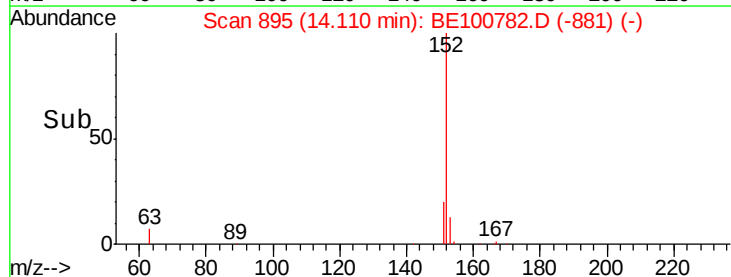
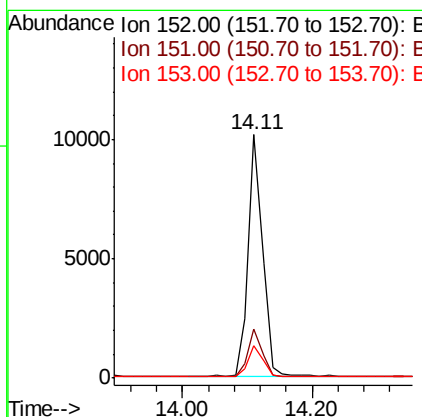
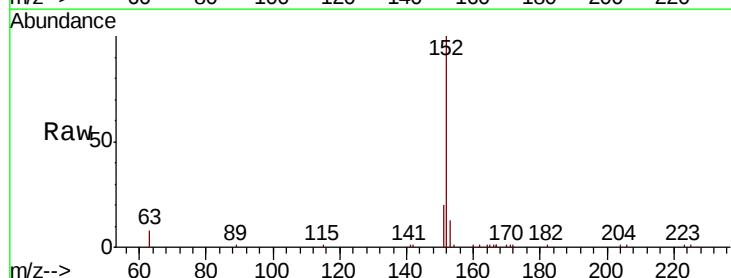
Instrument :
BNA_E
ClientSampleId :
PB125154BS

Tot Ion:172 Resp: 17179
Ion Ratio Lower Upper
172 100
171 33.8 27.2 40.8
170 21.6 18.0 27.0



#16
Acenaphthylene
Concen: 0.284 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100782.D
Acq: 5 Dec 2019 10:50

Tgt Ion:152 Resp: 15714
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 12.9 10.4 15.6

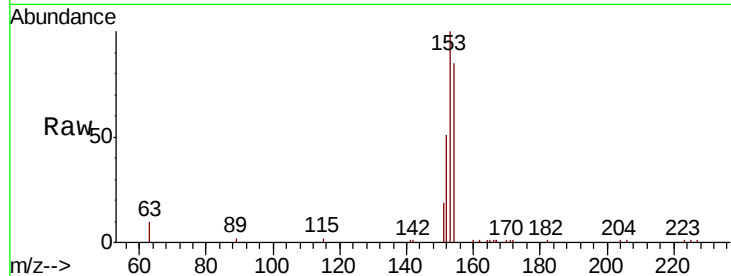




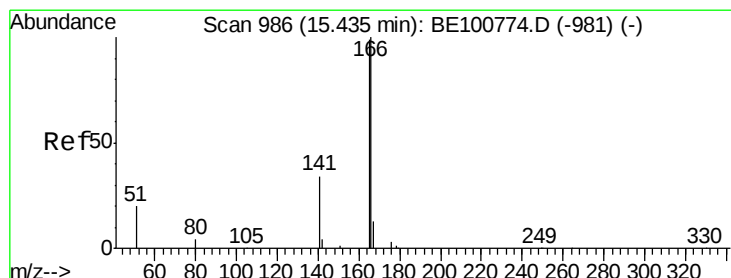
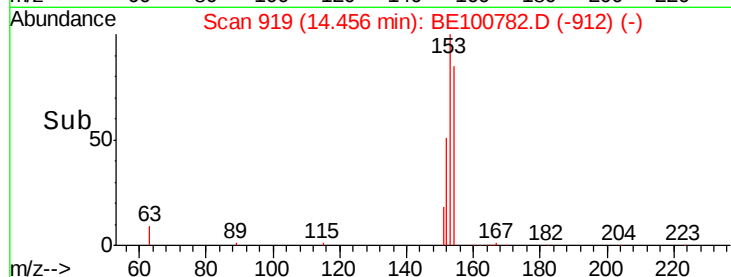
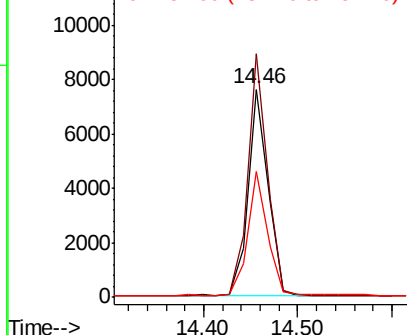
#17
Acenaphthene
Concen: 0.294 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100782.D
Acq: 5 Dec 2019 10:50

Instrument :
BNA_E
ClientSampleId :
PB125154BS

Tot Ion:154 Resp: 11201
Ion Ratio Lower Upper
154 100
153 115.2 92.2 138.2
152 59.7 49.1 73.7

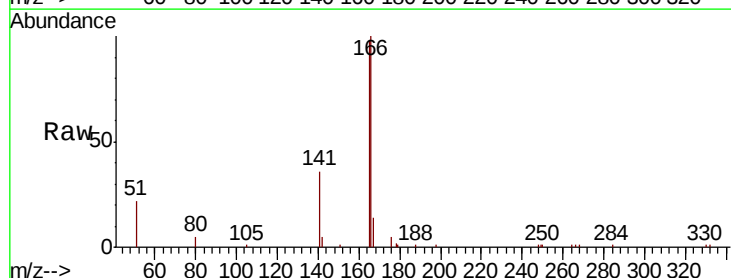


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

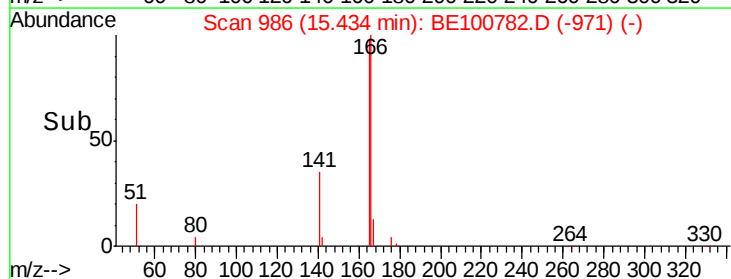
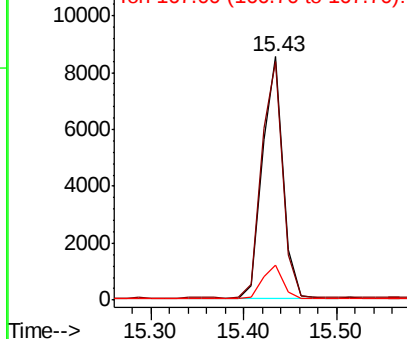


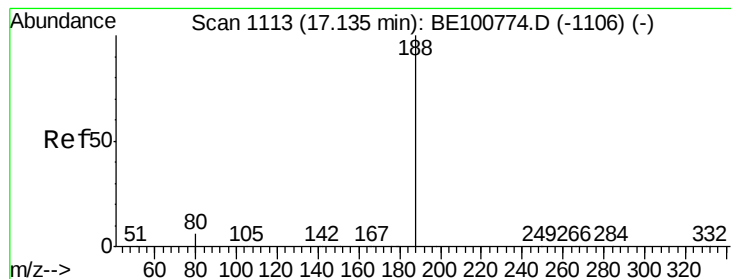
#18
Fluorene
Concen: 0.269 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100782.D
Acq: 5 Dec 2019 10:50

Tgt Ion:166 Resp: 13232
Ion Ratio Lower Upper
166 100
165 100.0 80.5 120.7
167 13.8 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: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

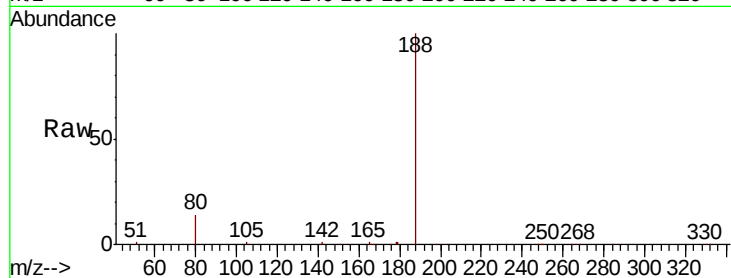
Tot Ion:188 Resp: 26850

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

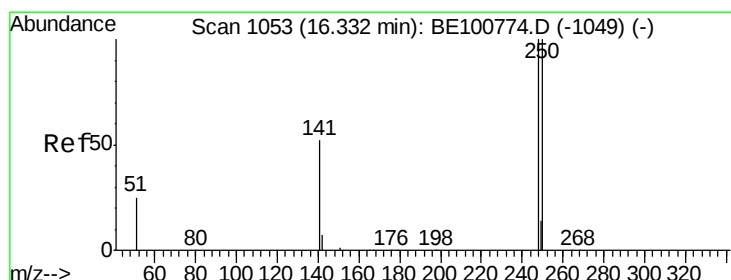
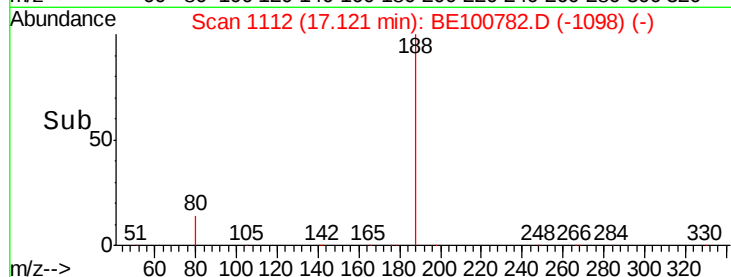
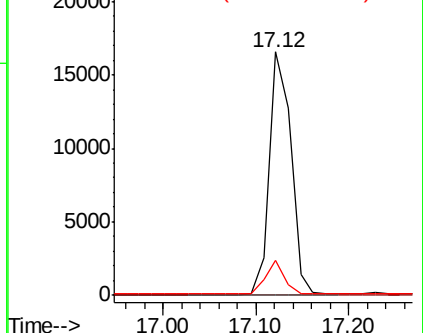
80 14.2 5.2 7.8#



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: 0.281 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

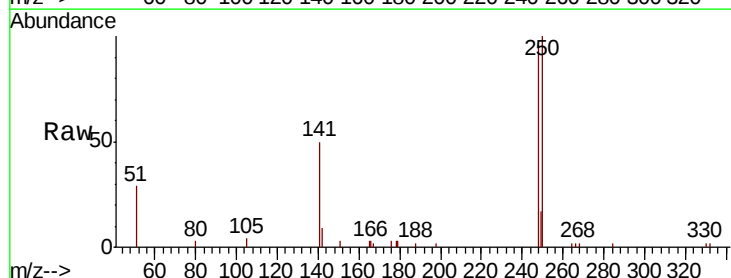
Tgt Ion:248 Resp: 3708

Ion Ratio Lower Upper

248 100

250 103.8 80.5 120.7

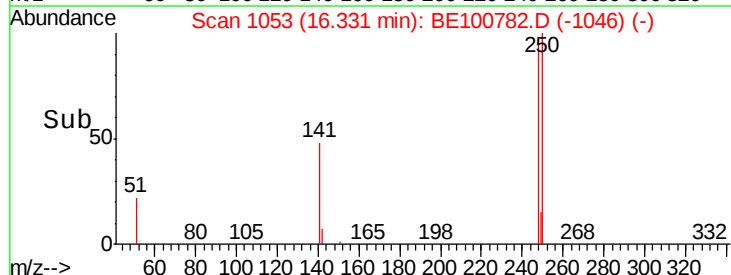
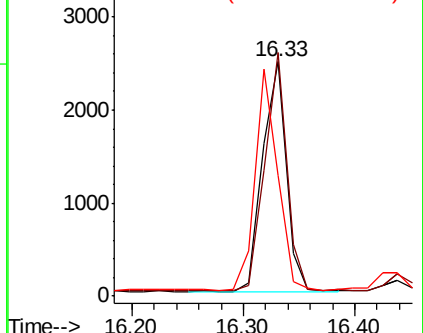
141 51.4 42.6 64.0

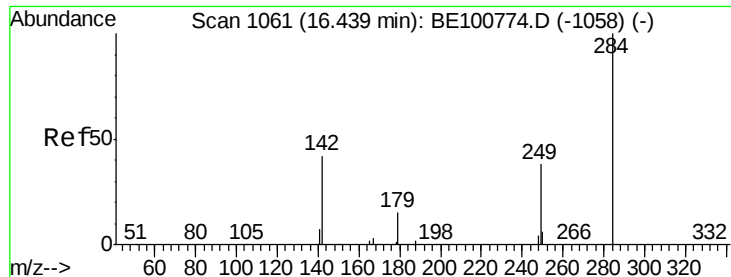


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.299 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

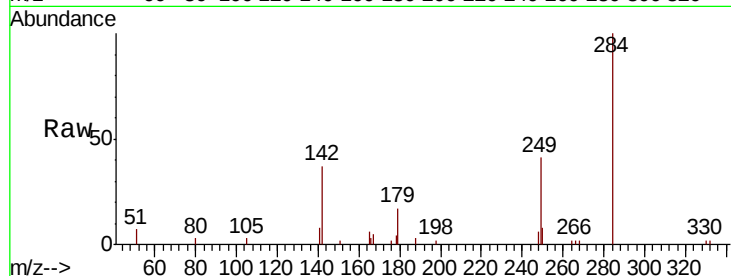
Tot Ion:284 Resp: 4276

Ion Ratio Lower Upper

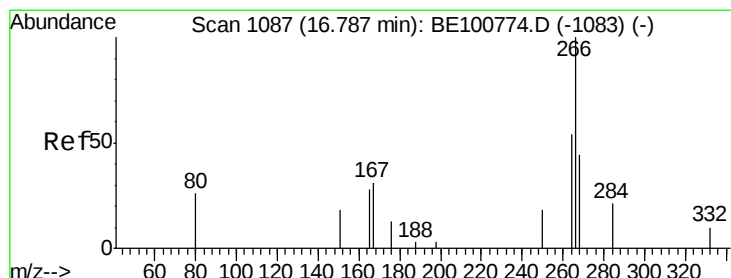
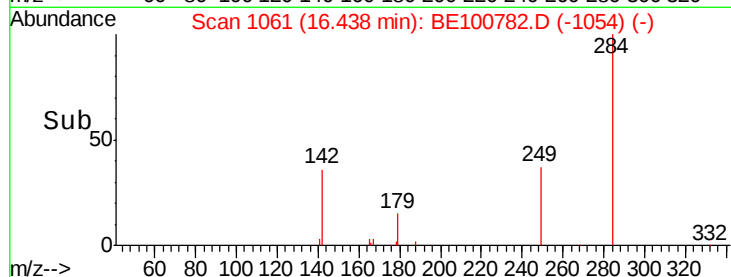
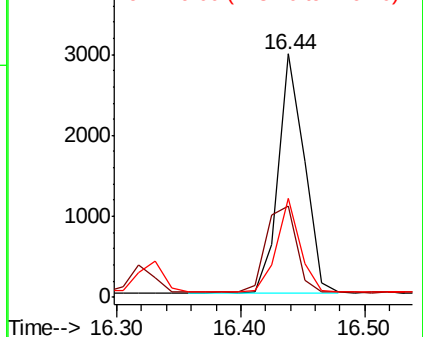
284 100

142 42.4 34.4 51.6

249 35.6 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: 0.119 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

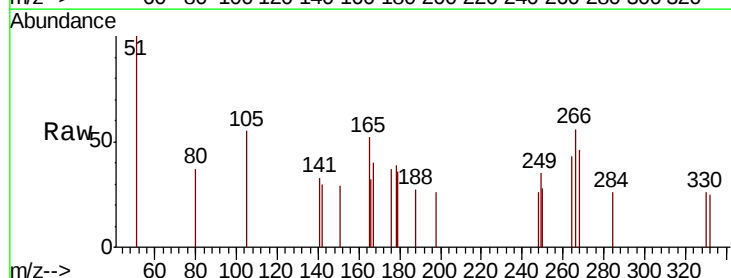
Tgt Ion:266 Resp: 118

Ion Ratio Lower Upper

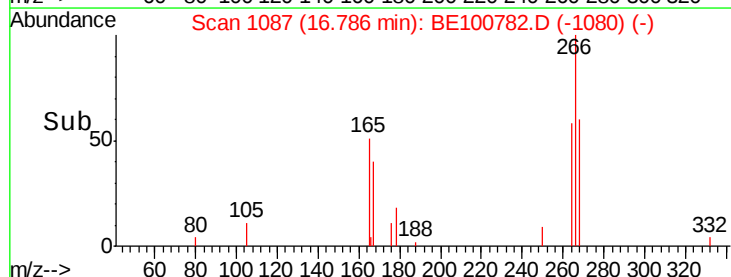
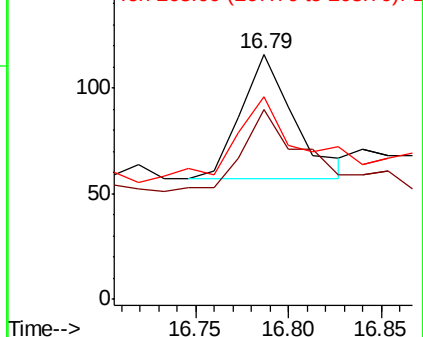
266 100

264 77.6 63.4 95.0

268 82.8 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: 0.299 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

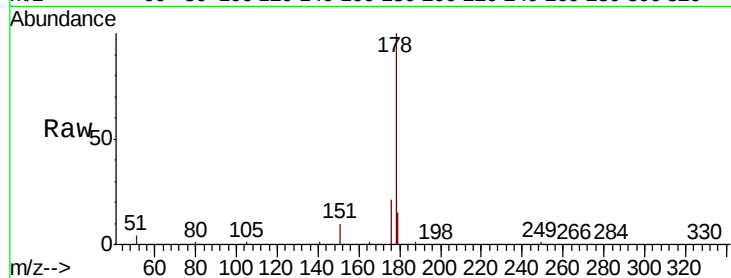
Tot Ion:178 Resp: 24306

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.2 12.3 18.5

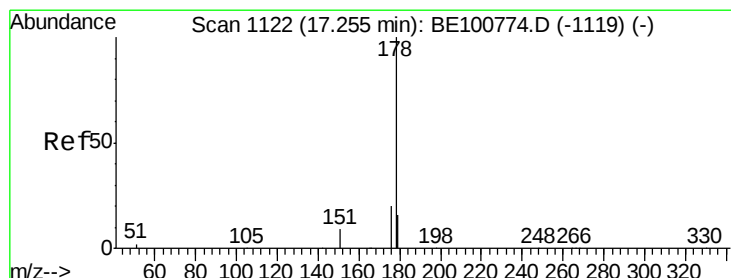
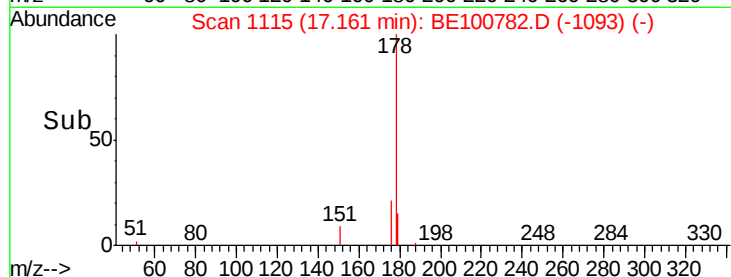
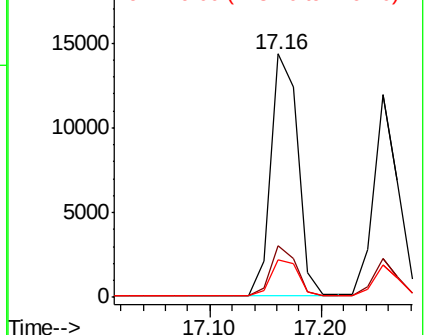


Abundance

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: 0.268 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

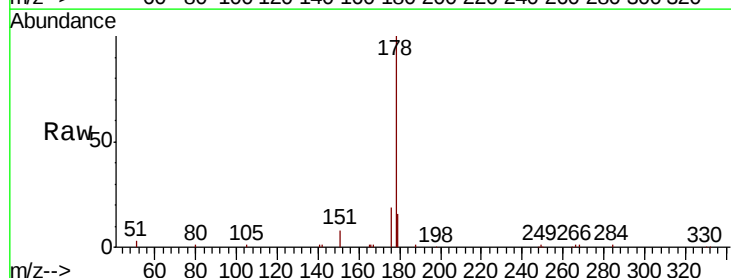
Tgt Ion:178 Resp: 18238

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

179 15.6 12.7 19.1

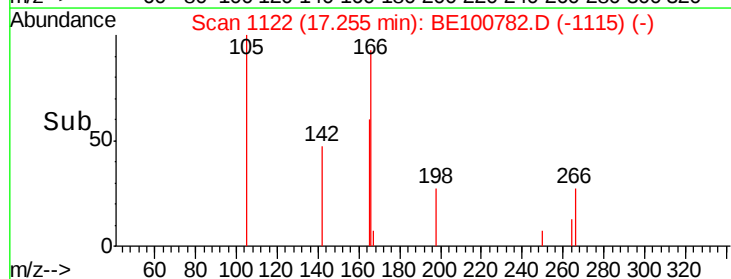
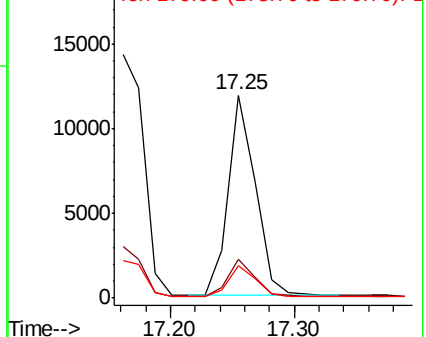


Abundance

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: 0.254 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

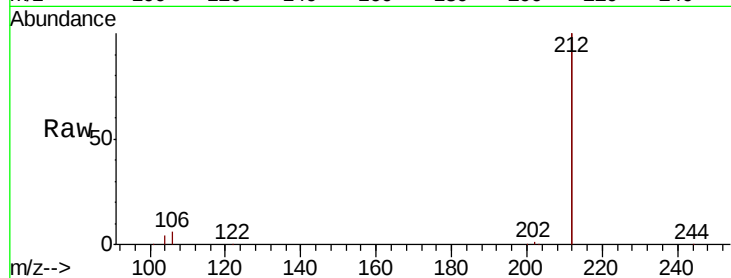
Tot Ion:212 Resp: 80635

Ion Ratio Lower Upper

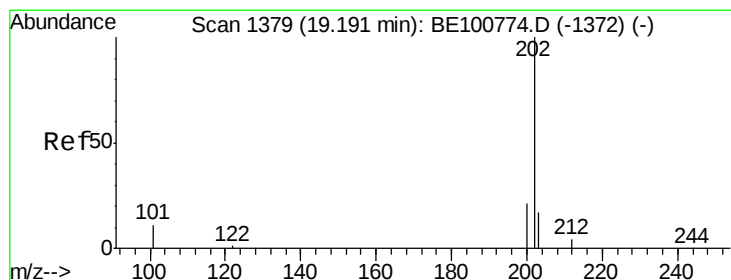
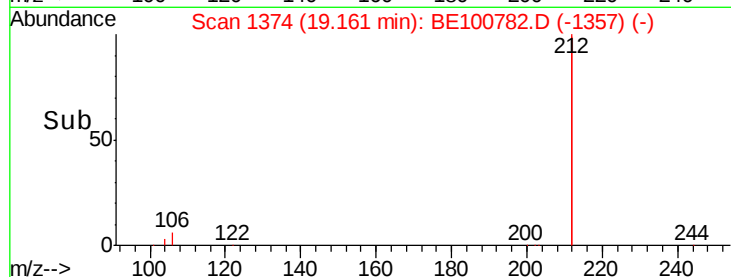
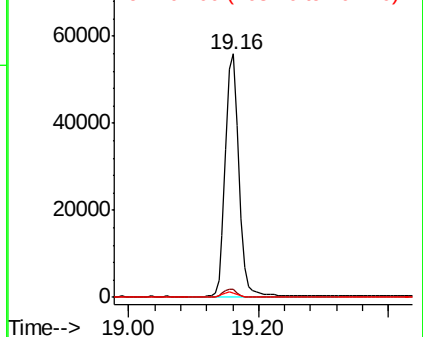
212 100

106 3.4 2.6 3.8

104 1.8 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.248 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

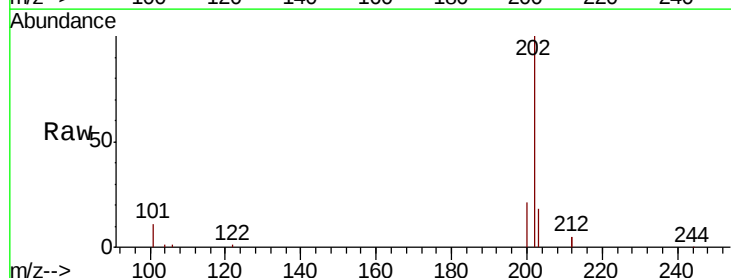
Tgt Ion:202 Resp: 24055

Ion Ratio Lower Upper

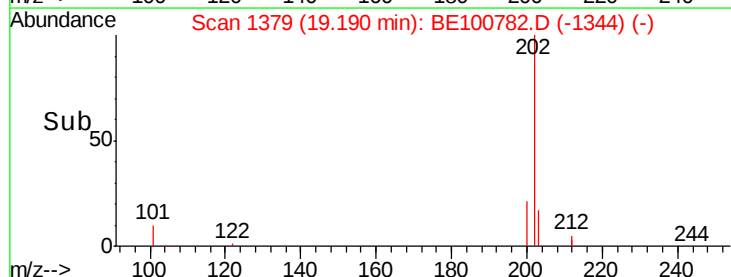
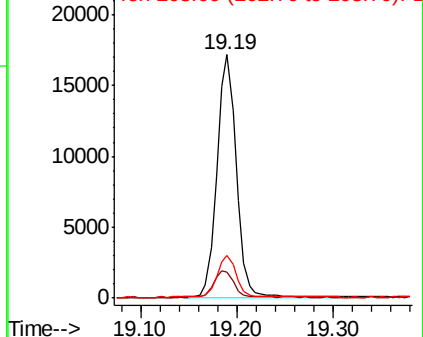
202 100

101 11.3 9.1 13.7

203 16.8 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: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

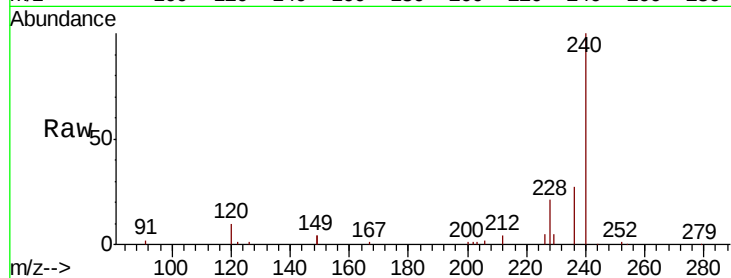
Tot Ion:240 Resp: 25796

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.2#

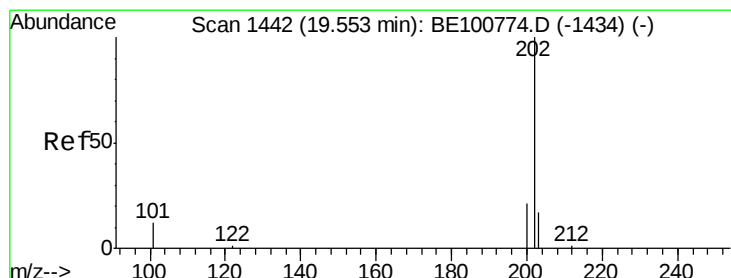
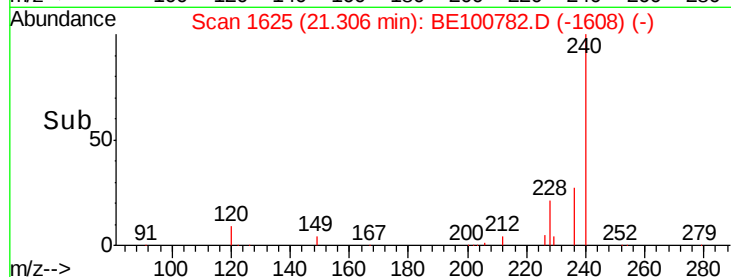
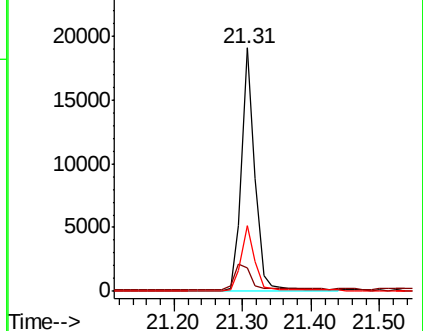
236 27.2 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.284 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

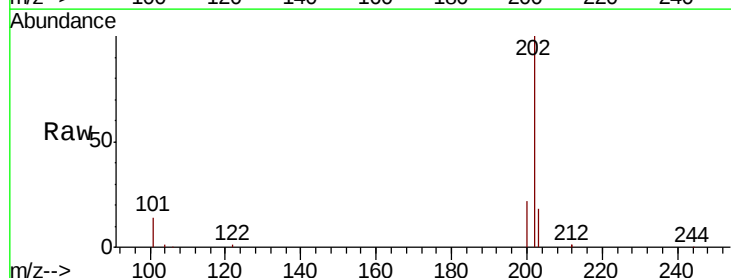
Tgt Ion:202 Resp: 23837

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

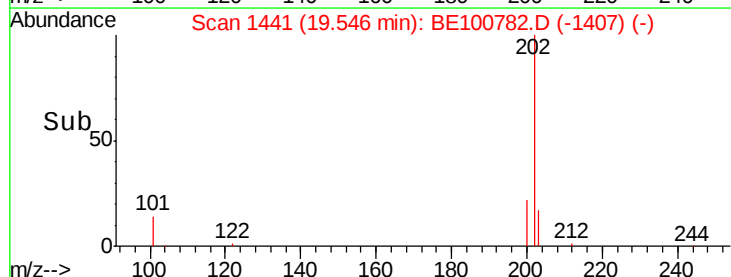
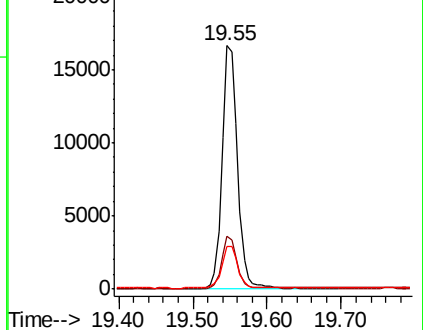
203 17.8 13.9 20.9



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: 0.279 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

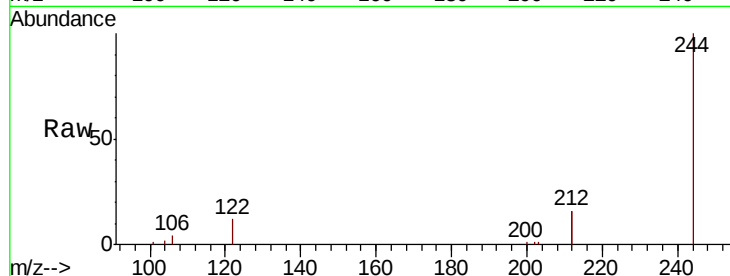
Tot Ion:244 Resp: 17223

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.4

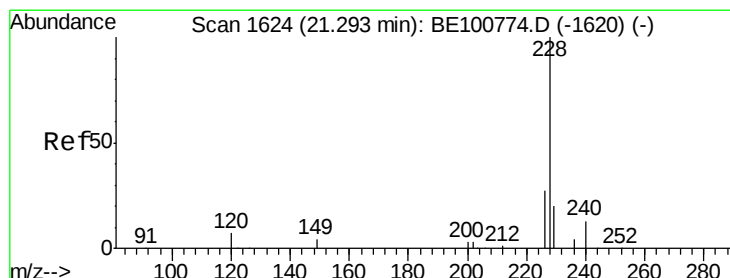
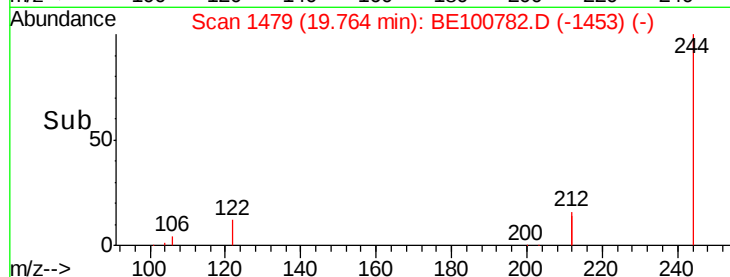
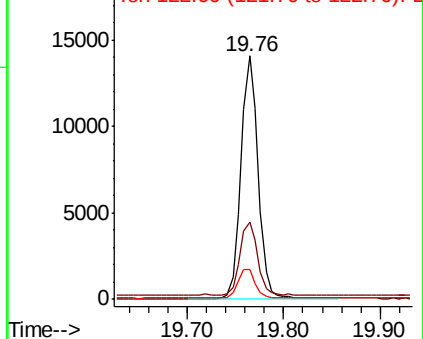
122 12.0 10.2 15.4



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: 0.284 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

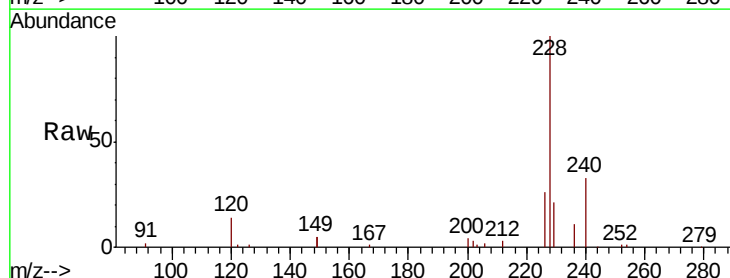
Tgt Ion:228 Resp: 21629

Ion Ratio Lower Upper

228 100

226 25.9 21.5 32.3

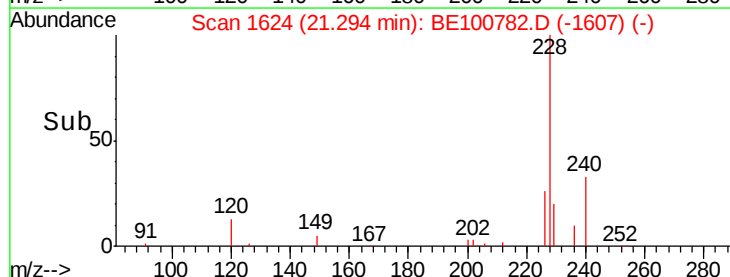
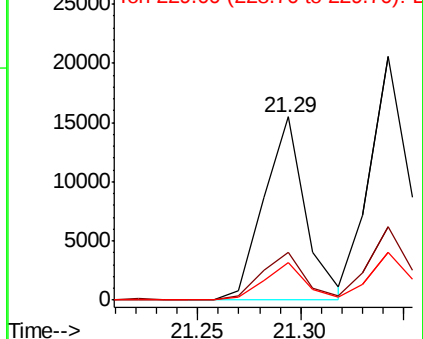
229 20.6 16.0 24.0



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: 0.308 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

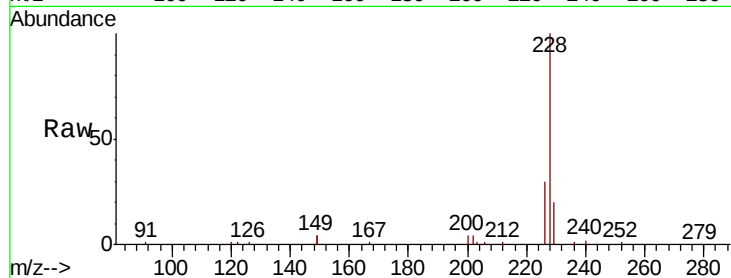
Tot Ion:228 Resp: 27518

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

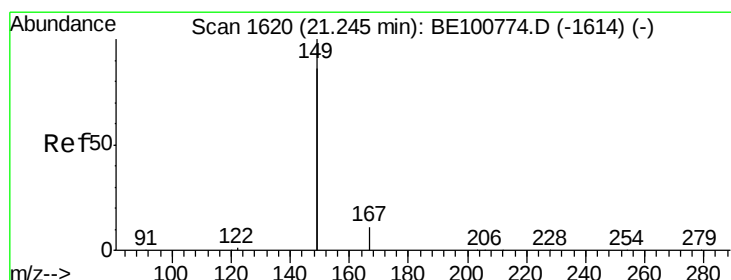
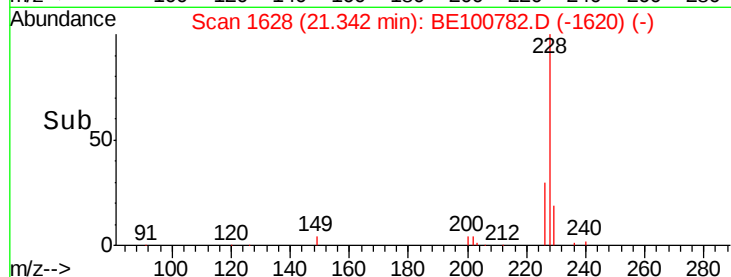
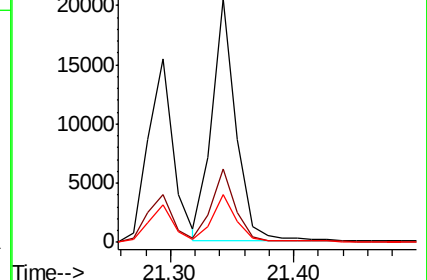
229 19.7 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

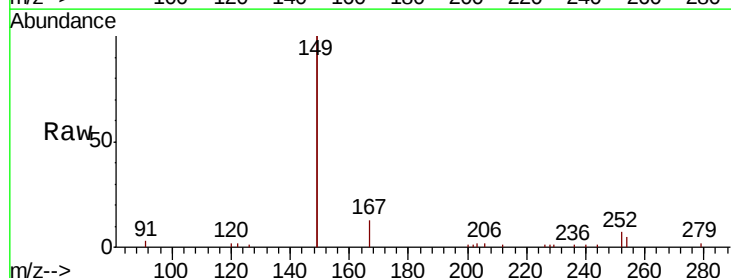
Tgt Ion:149 Resp: 18579

Ion Ratio Lower Upper

149 100

167 6.4 5.0 7.6

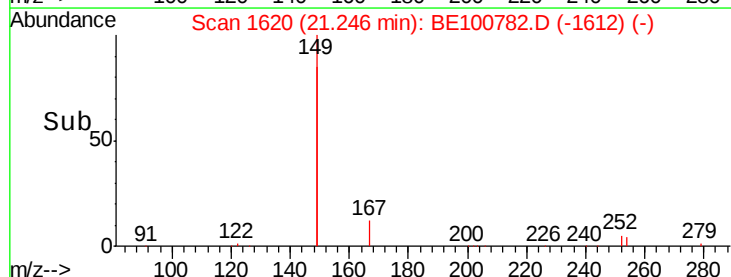
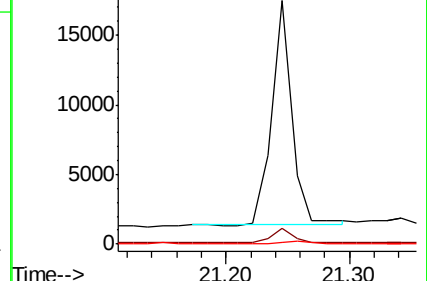
279 0.9 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng

RT: 26.33 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

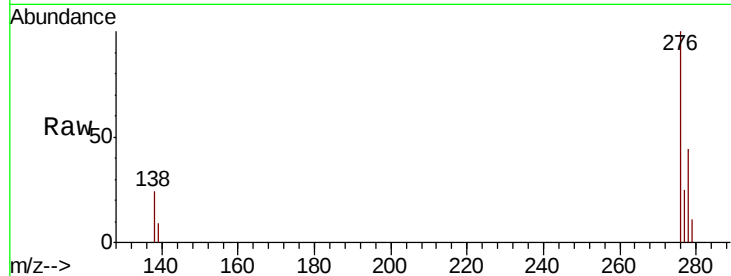
Tot Ion:276 Resp: 27219

Ion Ratio Lower Upper

276 100

138 11.6 19.4 29.0#

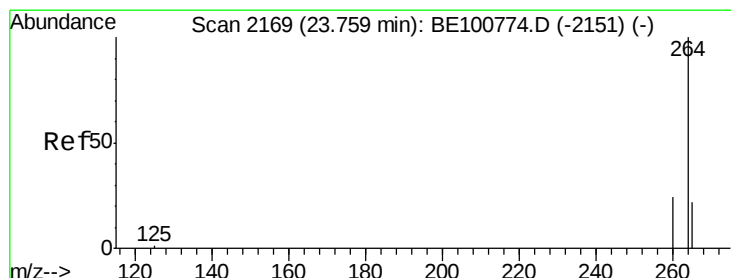
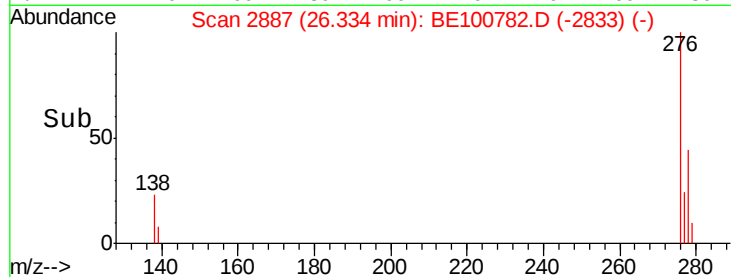
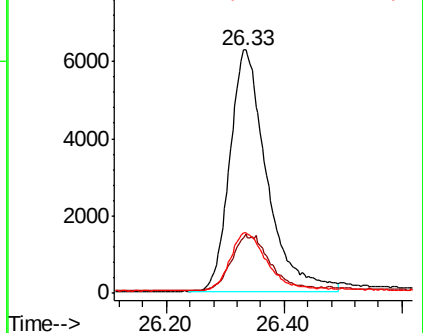
277 23.8 19.8 29.6



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: 23.76 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

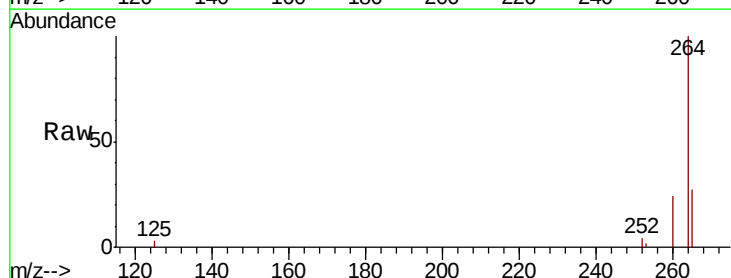
Tgt Ion:264 Resp: 31342

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

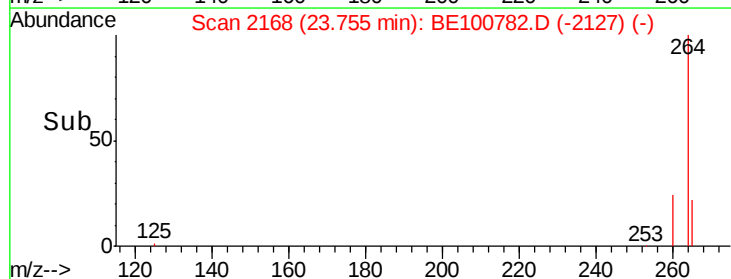
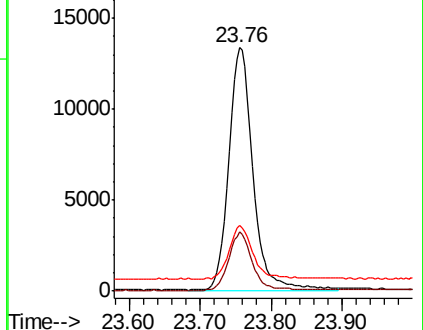
265 26.8 21.8 32.8



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: 0.292 ng

RT: 23.01 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

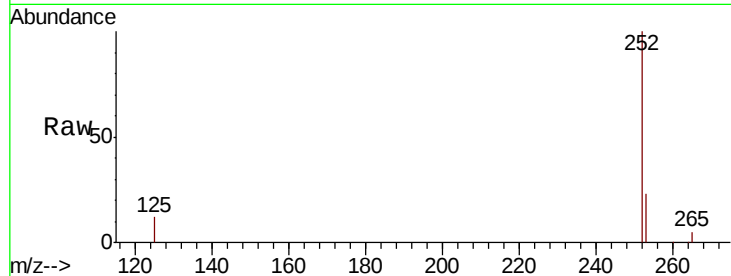
Tot Ion:252 Resp: 25070

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

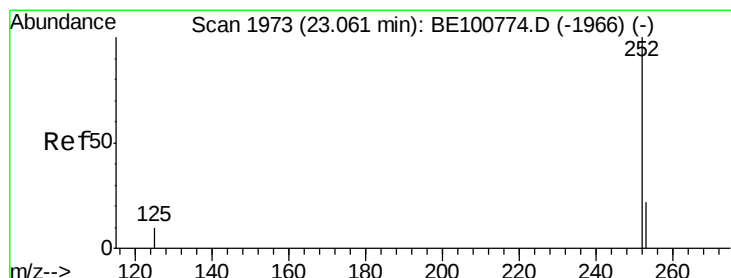
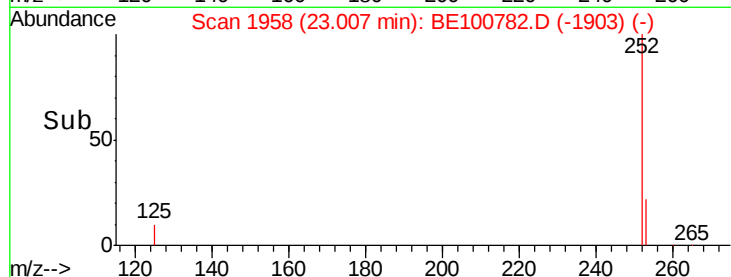
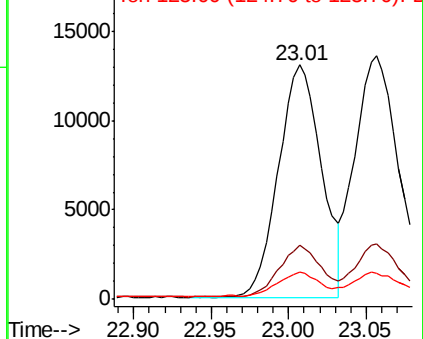
125 11.7 9.0 13.4



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: 0.298 ng

RT: 23.06 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

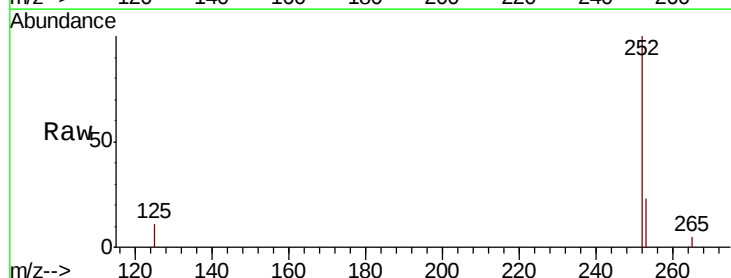
Tgt Ion:252 Resp: 28686

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

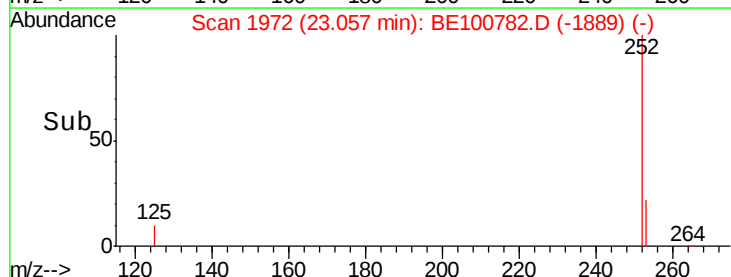
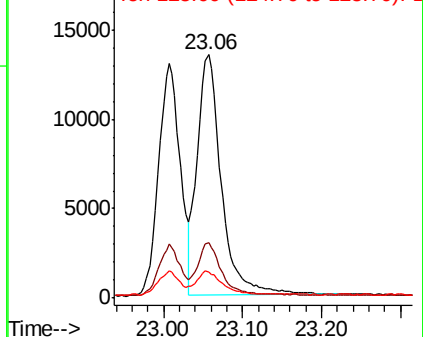
125 10.9 8.7 13.1



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: 0.296 ng

RT: 23.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

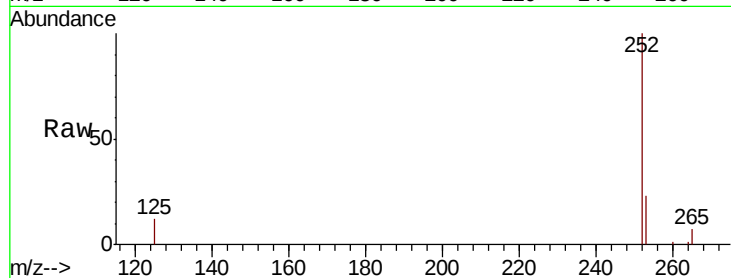
Tot Ion:252 Resp: 21991

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 12.2 10.4 15.6

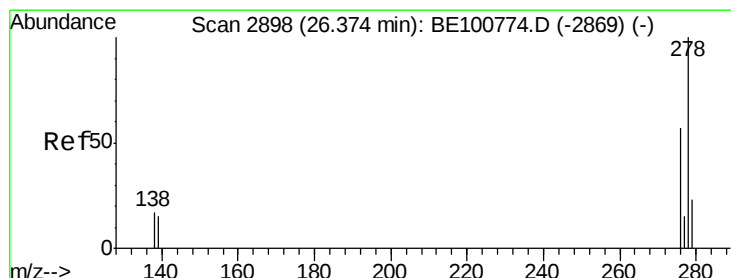
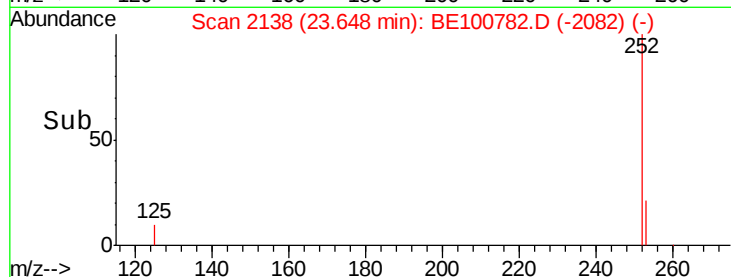
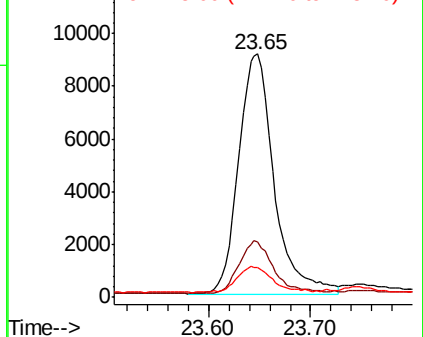


Abundance

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: 0.309 ng

RT: 26.36 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

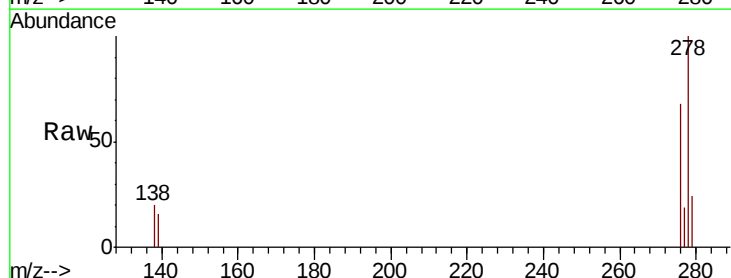
Tgt Ion:278 Resp: 22815

Ion Ratio Lower Upper

278 100

139 16.0 13.0 19.4

279 24.1 19.6 29.4

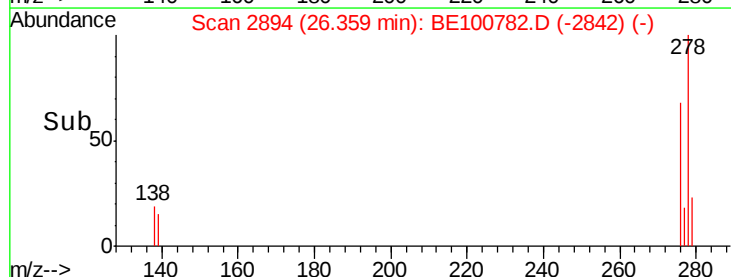
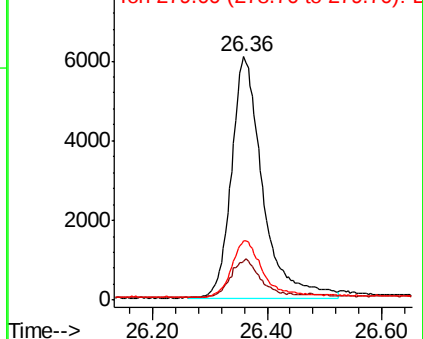


Abundance

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: 0.325 ng

RT: 27.12 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BE100782.D

Acq: 5 Dec 2019 10:50

Instrument :

BNA_E

ClientSampleId :

PB125154BS

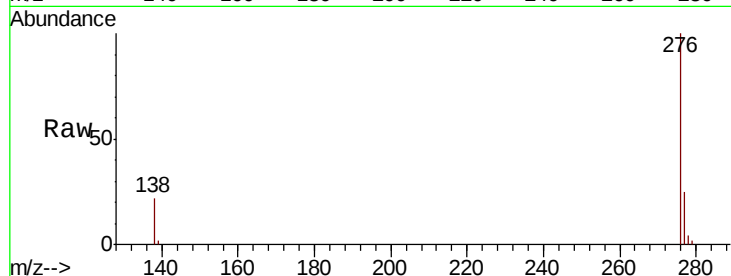
Tot Ion: 276 Resp: 25655

Ion Ratio Lower Upper

276 100

277 24.7 19.3 28.9

138 21.5 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

