

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE012020\
 Data File : BE101102.D
 Acq On : 20 Jan 2020 15:05
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

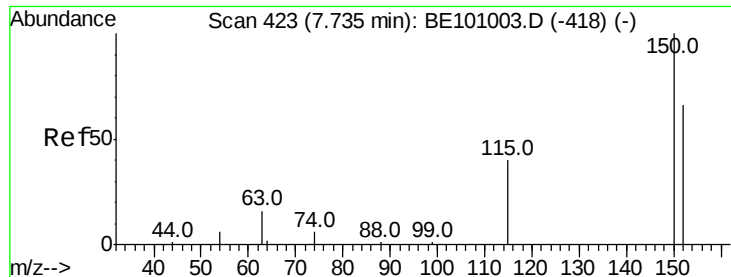
Quant Time: Jan 21 10:39:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1656	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	7559	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5461	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13731	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16315	0.40	ng	-0.01
34) Perylene-d12	23.69	264	19599	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1716	0.46	ng	-0.01
5) Phenol-d6	6.91	99	1771	0.38	ng	-0.01
8) Nitrobenzene-d5	8.87	82	1959	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	5697	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	527	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7119	0.34	ng	-0.01
25) Fluoranthene-d10	19.12	212	80205	0.42	ng	-0.01
29) Terphenyl-d14	19.72	244	13383	0.33	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1716	0.443	ng	97
3) n-Nitrosodimethylamine	3.60	42	831	0.361	ng	# 87
6) bis(2-Chloroethyl)ether	7.16	93	1843	0.328	ng	96
9) Naphthalene	10.55	128	33211	0.396	ng	99
10) Hexachlorobutadiene	10.84	225	1508	0.424	ng	97
12) 2-Methylnaphthalene	12.18	142	4788	0.377	ng	96
16) Acenaphthylene	14.08	152	8396	0.377	ng	99
17) Acenaphthene	14.41	154	5854	0.368	ng	100
18) Fluorene	15.39	166	7608	0.378	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	2446	0.365	ng	95
21) Hexachlorobenzene	16.40	284	2653	0.361	ng	97
22) Pentachlorophenol	16.76	266	330	0.378	ng	95
23) Phenanthrene	17.14	178	13083	0.349	ng	99
24) Anthracene	17.23	178	13935	0.394	ng	99
26) Fluoranthene	19.15	202	19451	0.414	ng	99
28) Pyrene	19.51	202	20461	0.337	ng	99
30) Benzo(a)anthracene	21.26	228	18048	0.388	ng	98
31) Chrysene	21.31	228	27421	0.396	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	43360	0.559	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	23632	0.432	ng	# 88
35) Benzo(b)fluoranthene	22.95	252	18314	0.333	ng	99
36) Benzo(k)fluoranthene	22.95	252	18314	0.230	ng	99
37) Benzo(a)pyrene	23.58	252	20090	0.378	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	18080	0.370	ng	97
39) Benzo(g,h,i)perylene	27.02	276	20968	0.349	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampled :

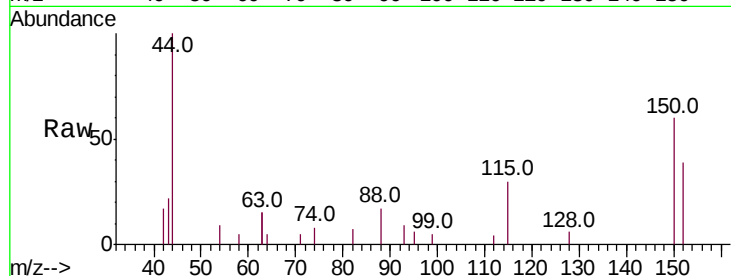
Tot Ion:152 Resp: 1656

Ion Ratio Lower Upper

152 100

150 151.9 120.3 180.5

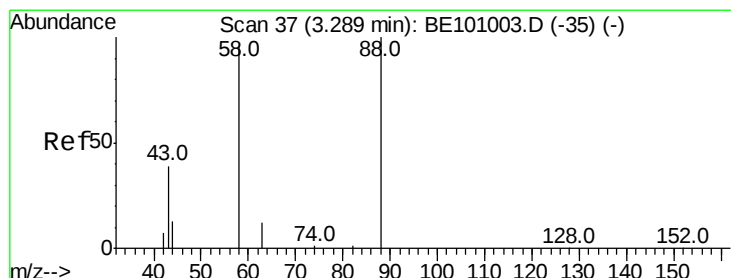
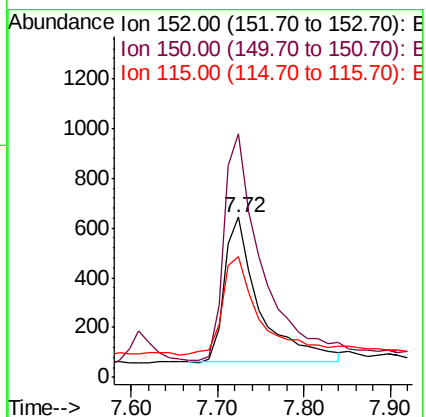
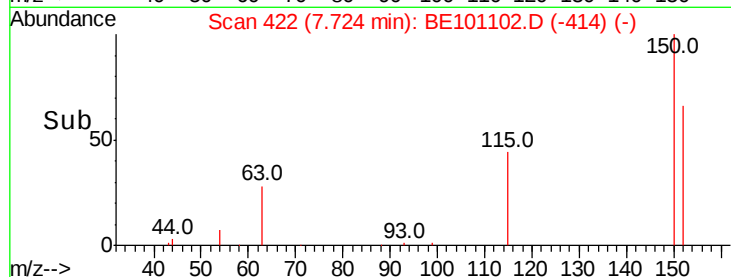
115 75.5 51.7 77.5



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: 0.443 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

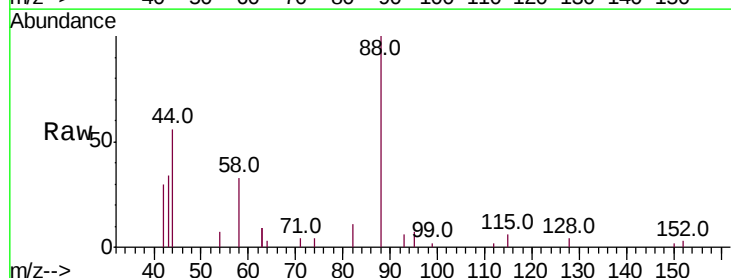
Tgt Ion: 88 Resp: 1716

Ion Ratio Lower Upper

88 100

58 65.4 53.0 79.4

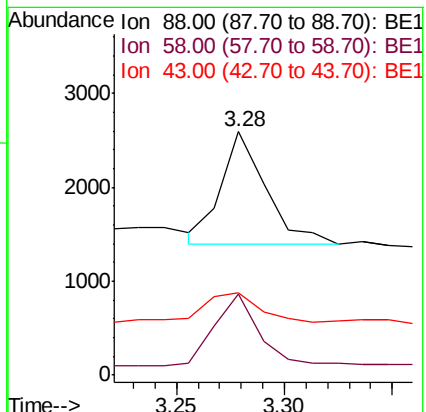
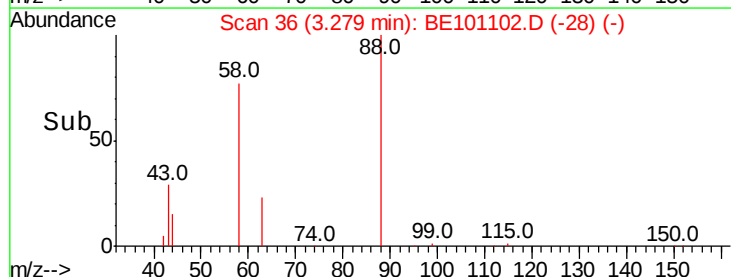
43 33.4 23.4 35.2

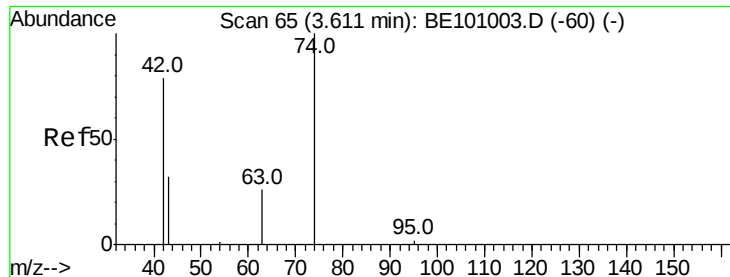


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.361 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

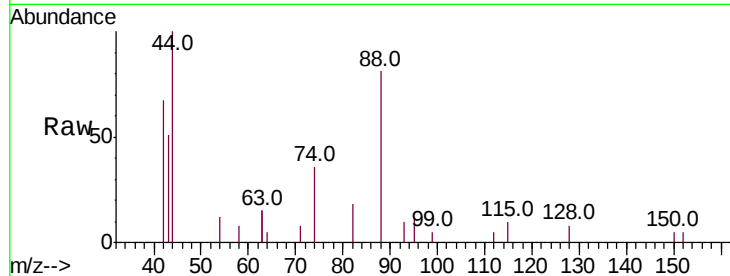
Tot Ion: 42 Resp: 831

Ion Ratio Lower Upper

42 100

74 146.3 105.7 158.5

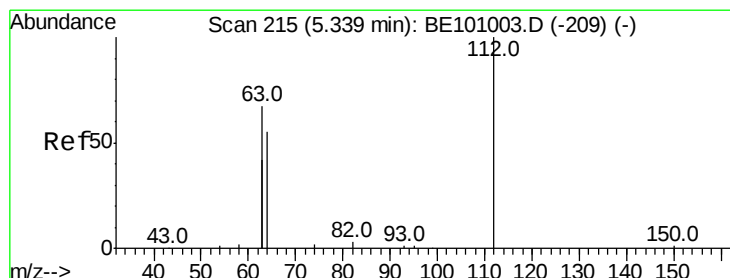
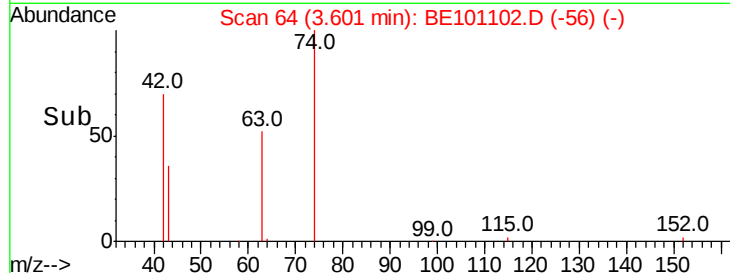
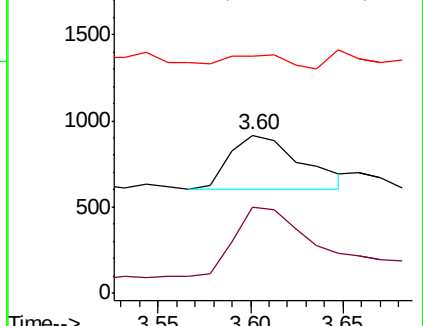
44 20.0 10.0 15.0#



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: 0.460 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

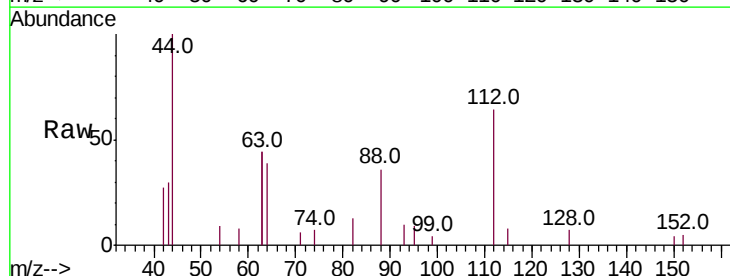
Tgt Ion: 112 Resp: 1716

Ion Ratio Lower Upper

112 100

64 69.1 53.6 80.4

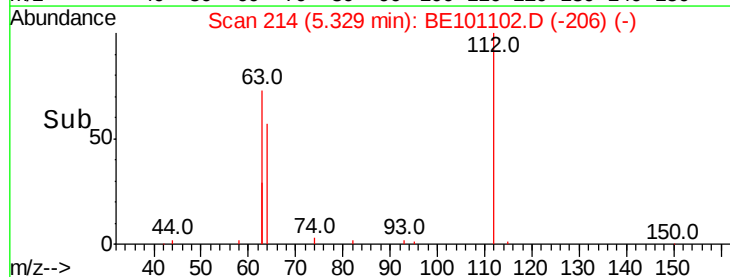
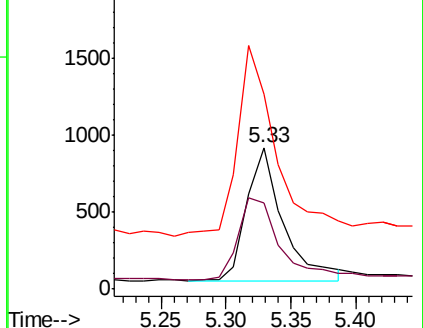
63 152.4 114.6 172.0

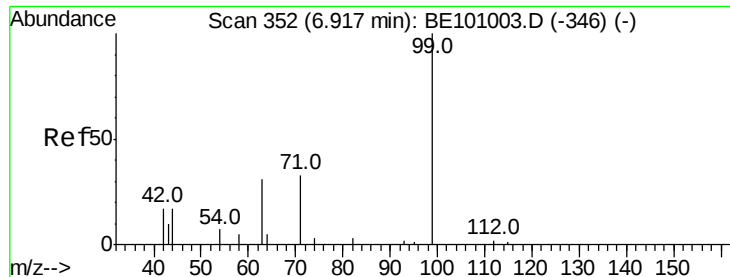


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampled :

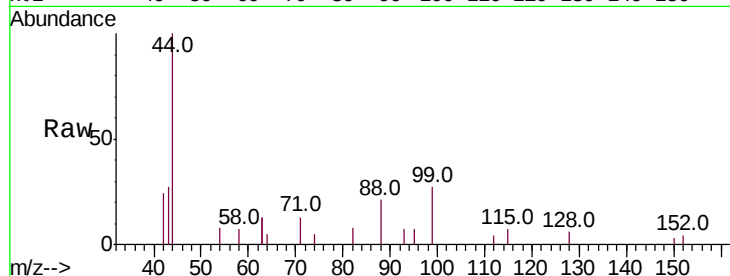
Tot Ion: 99 Resp: 1771

Ion Ratio Lower Upper

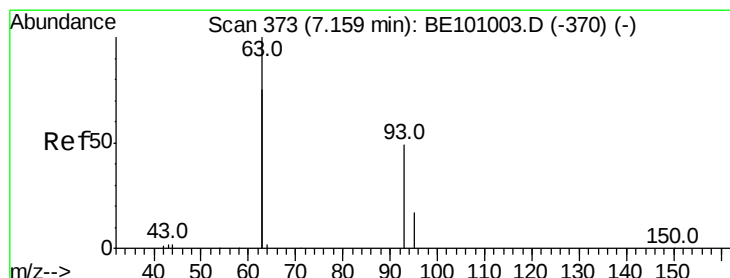
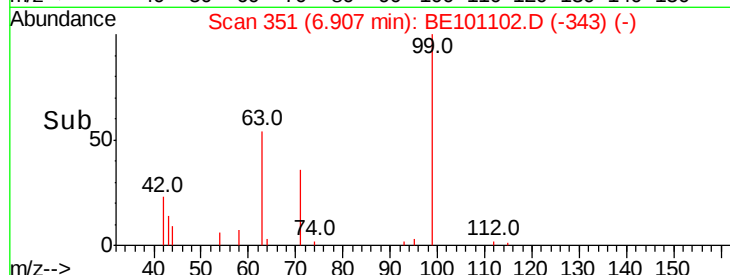
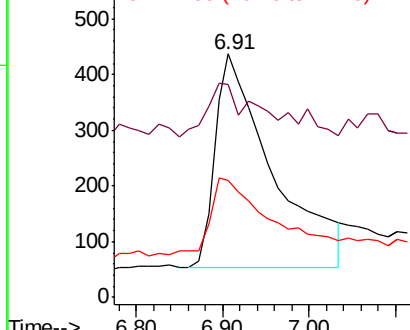
99 100

42 26.0 18.3 27.5

71 38.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.328 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

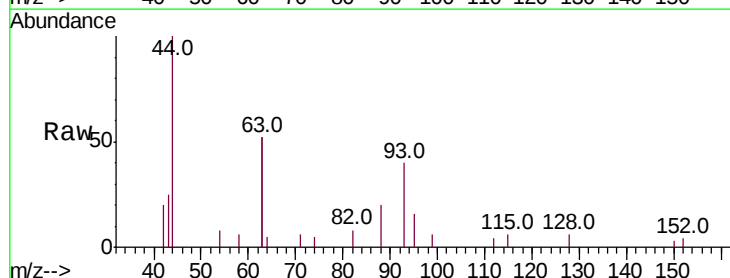
Tgt Ion: 93 Resp: 1843

Ion Ratio Lower Upper

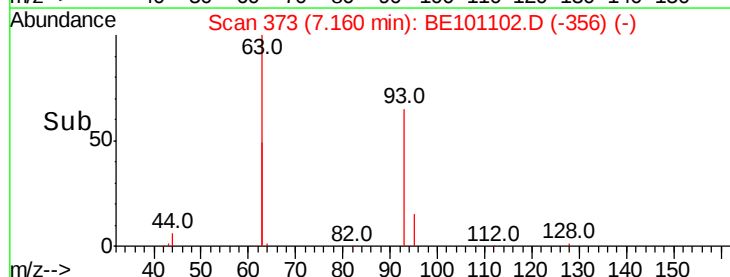
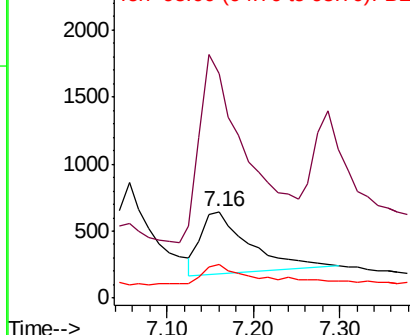
93 100

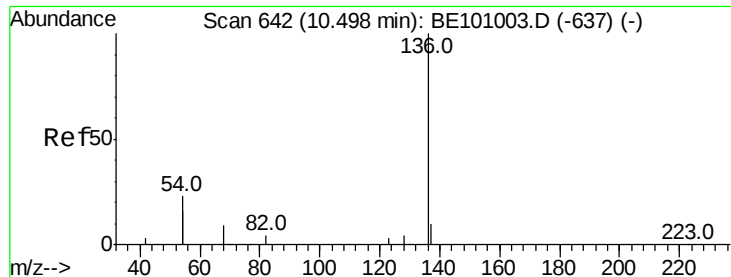
63 298.3 233.9 350.9

95 34.3 23.5 35.3



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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7559

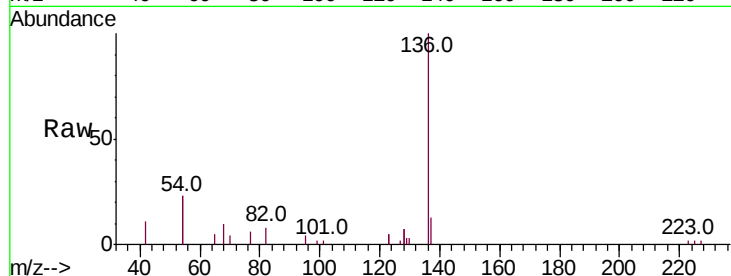
Ion Ratio Lower Upper

136 100

137 12.6 9.3 13.9

54 45.7 36.8 55.2

68 9.8 8.4 12.6

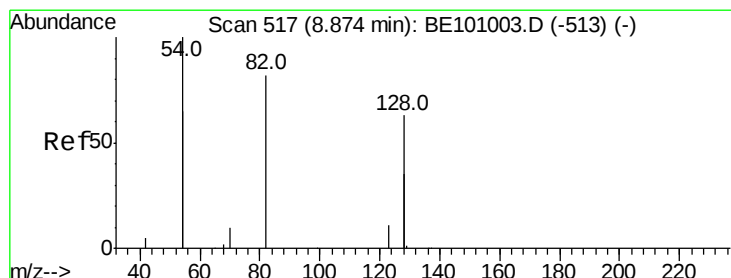
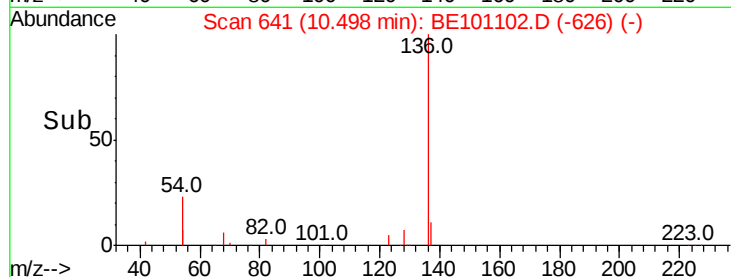
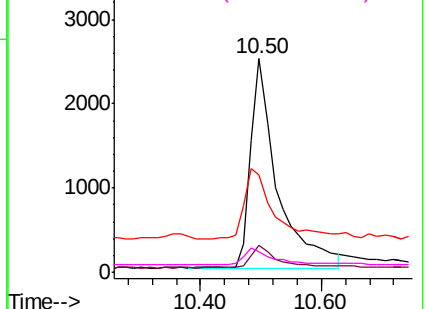


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

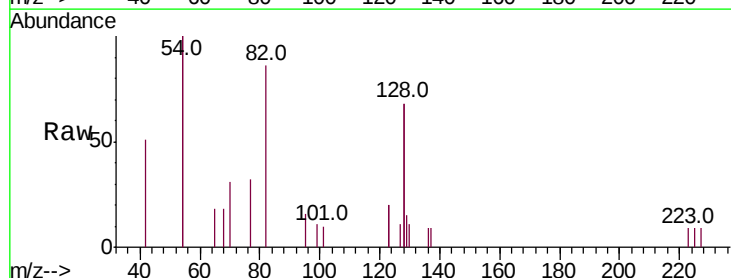
Tgt Ion: 82 Resp: 1959

Ion Ratio Lower Upper

82 100

128 159.1 109.8 164.6

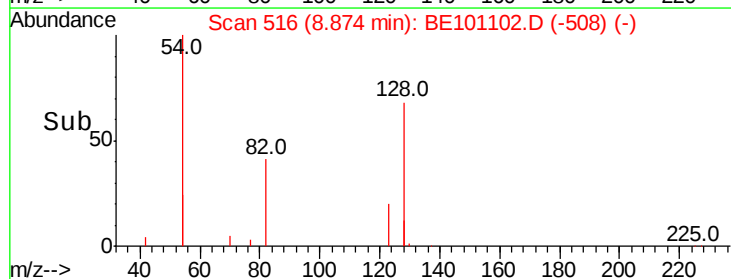
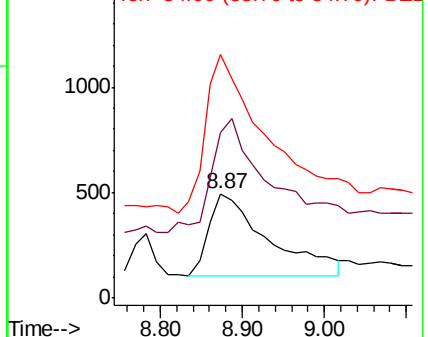
54 233.6 174.5 261.7

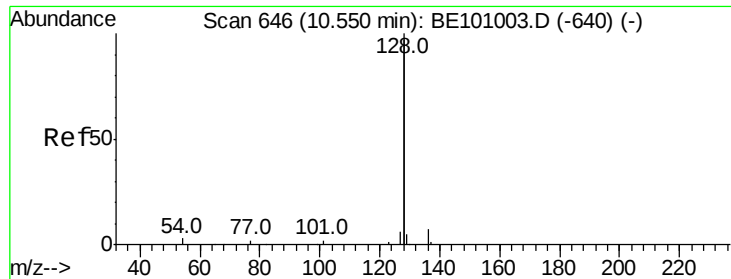


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampled :

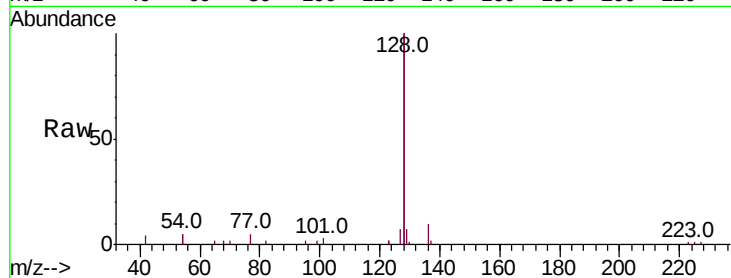
Tot Ion:128 Resp: 33211

Ion Ratio Lower Upper

128 100

129 3.3 2.3 3.5

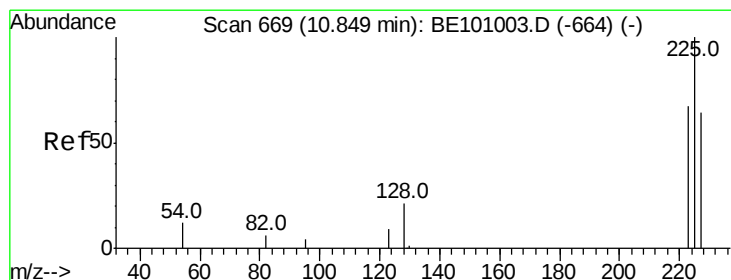
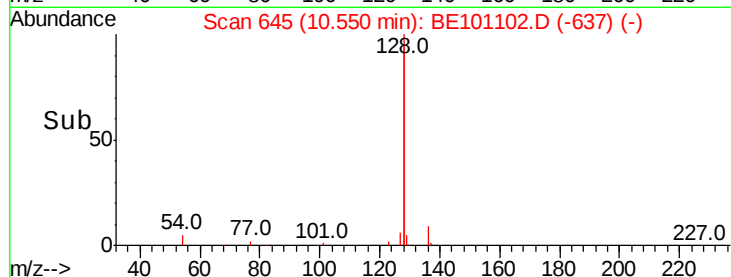
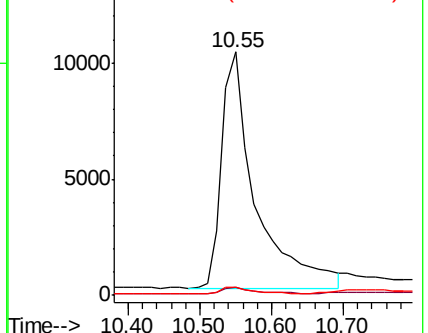
127 3.5 2.7 4.1



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: 0.424 ng

RT: 10.84 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

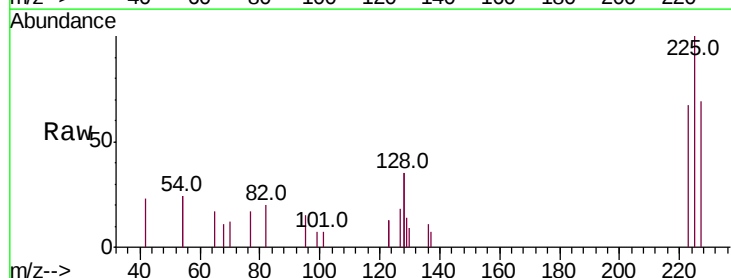
Tgt Ion:225 Resp: 1508

Ion Ratio Lower Upper

225 100

223 61.8 52.2 78.4

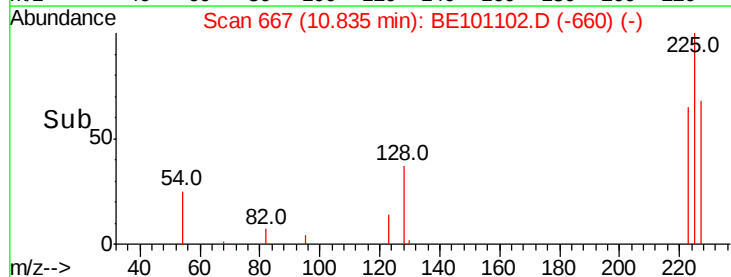
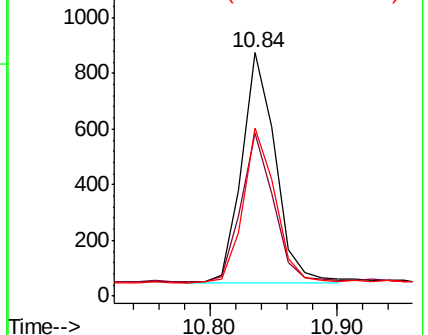
227 64.1 49.9 74.9

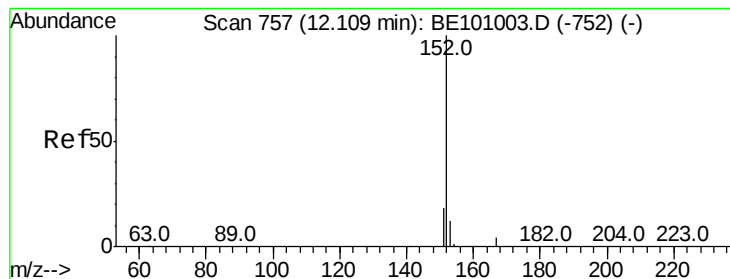


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

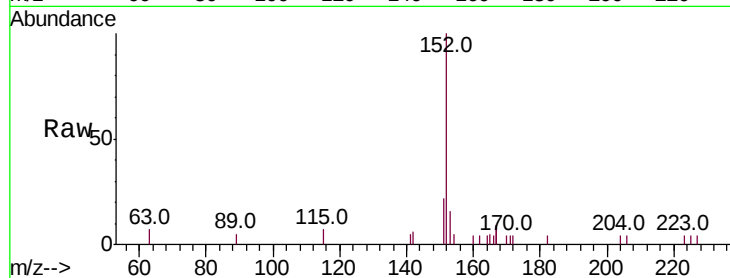
ClientSampled :

Tot Ion:152 Resp: 5697

Ion Ratio Lower Upper

152 100

151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

1500

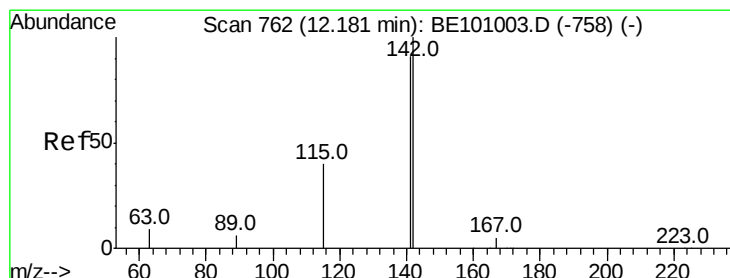
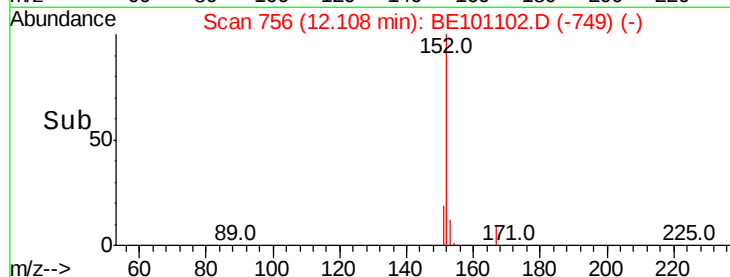
1000

500

0

Time-->

12.00 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

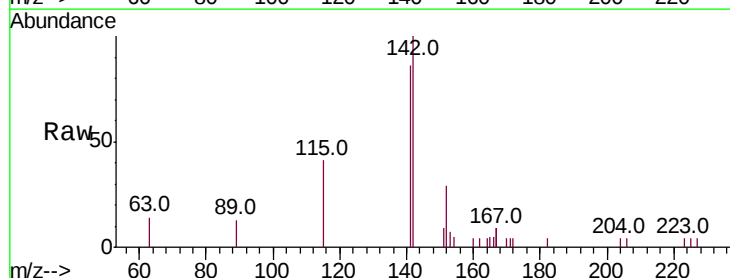
Tgt Ion:142 Resp: 4788

Ion Ratio Lower Upper

142 100

141 86.1 72.5 108.7

115 40.5 33.0 49.6



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

2500

2000

1500

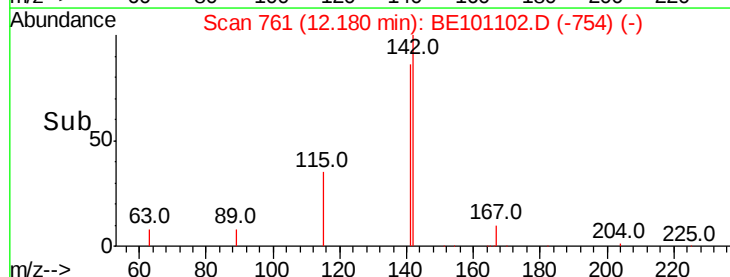
1000

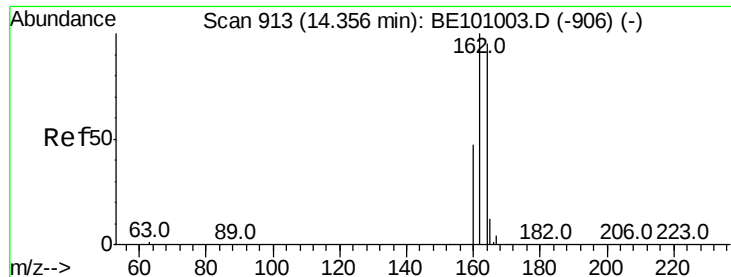
500

0

Time-->

12.10 12.20 12.30

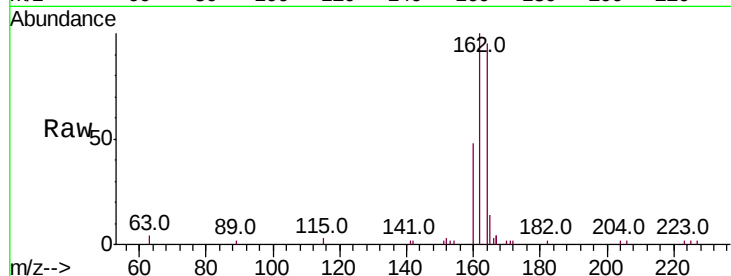




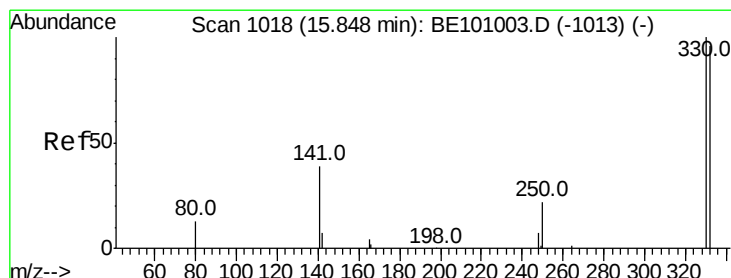
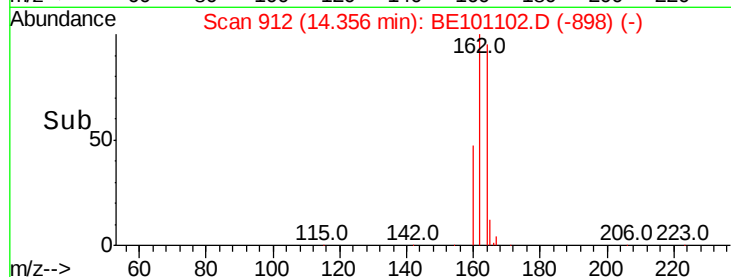
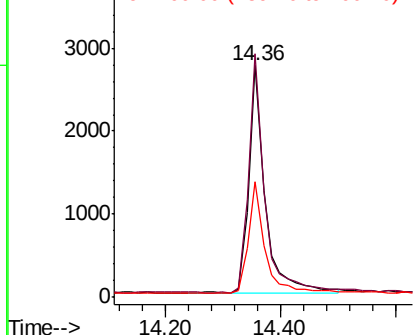
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101102.D
 Acq: 20 Jan 2020 15:05

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 5461
 Ion Ratio Lower Upper
 164 100
 162 104.9 84.1 126.1
 160 49.9 40.4 60.6

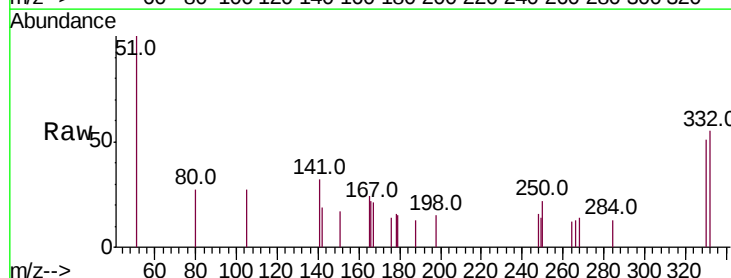


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

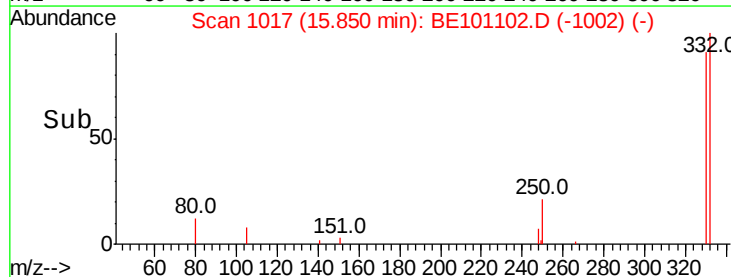
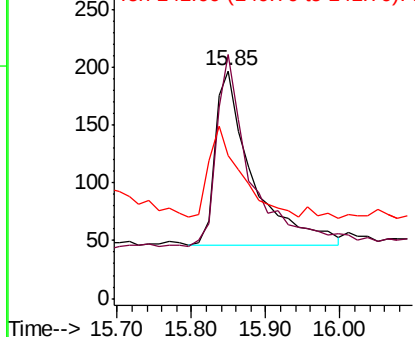


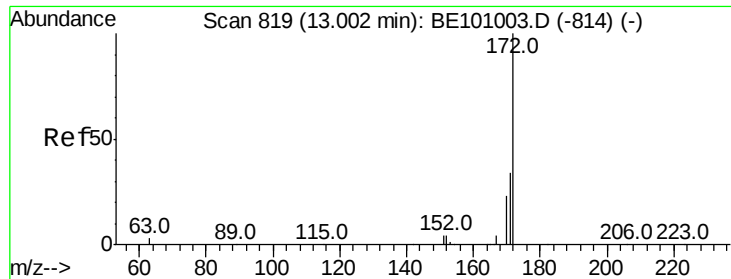
#14
 2,4,6-Tribromophenol
 Concen: 0.342 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101102.D
 Acq: 20 Jan 2020 15:05

Tgt Ion:330 Resp: 527
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.4 117.6
 141 45.7 37.0 55.4



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

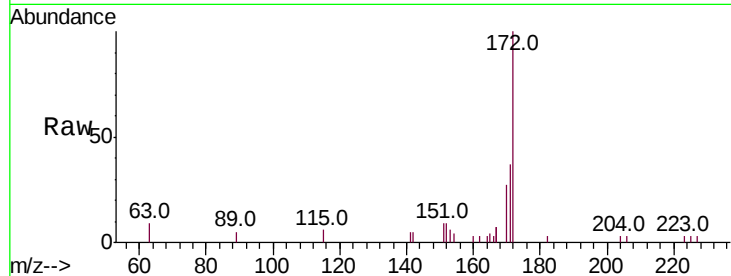




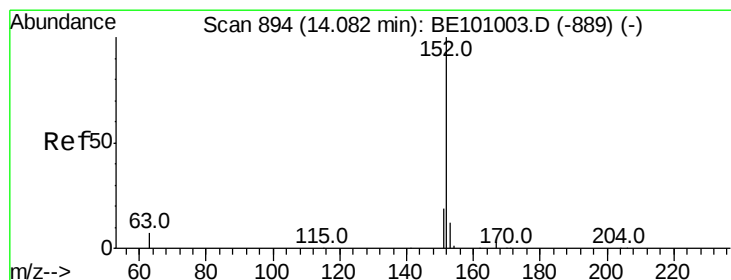
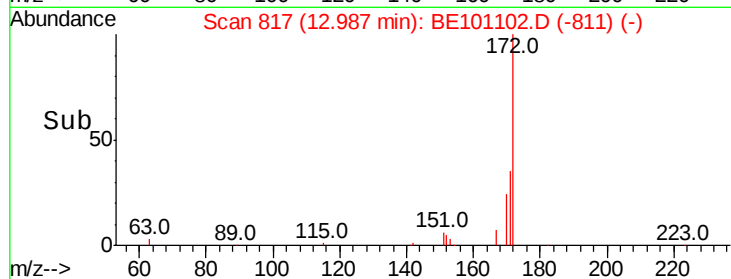
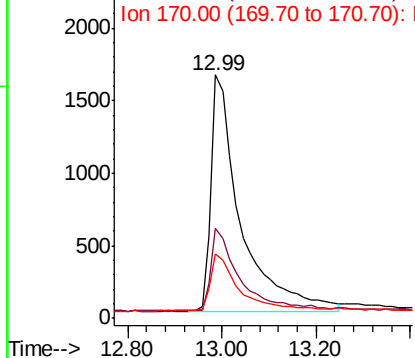
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 7119
Ion Ratio Lower Upper
172 100
171 37.1 28.2 42.2
170 26.6 18.9 28.3

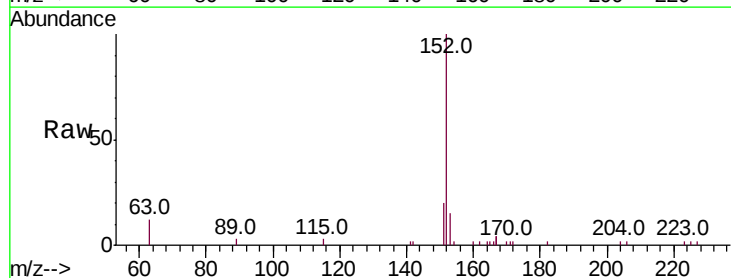


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

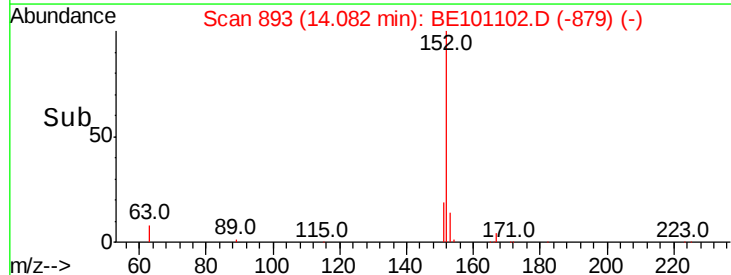
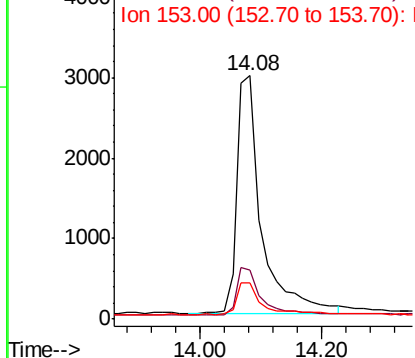


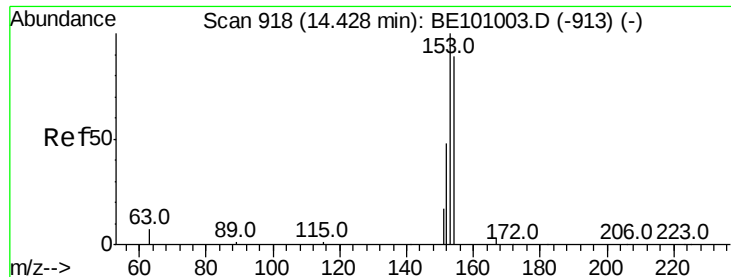
#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:152 Resp: 8396
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 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

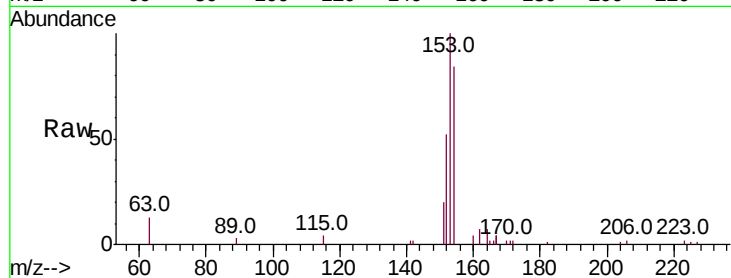




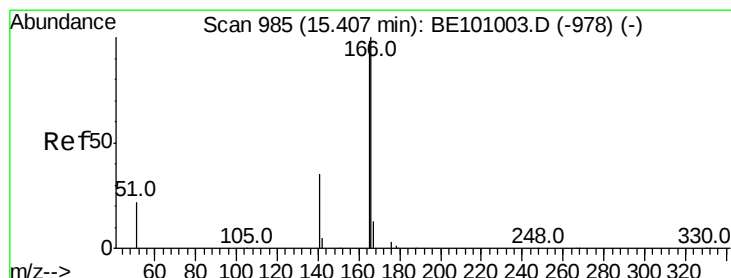
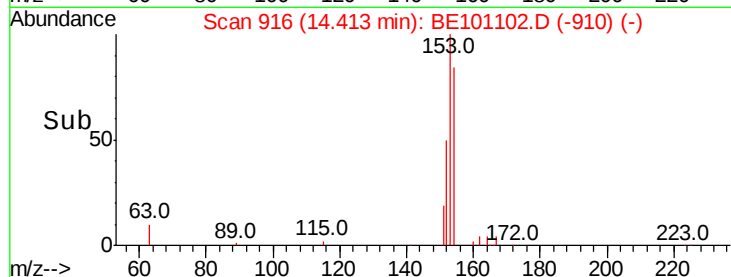
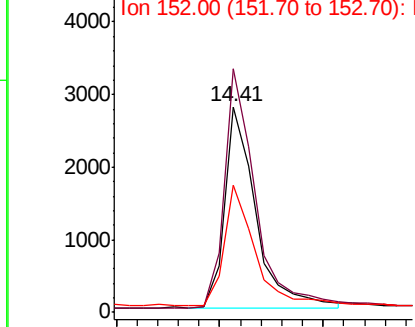
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 5854
Ion Ratio Lower Upper
154 100
153 117.5 93.6 140.4
152 57.7 46.3 69.5

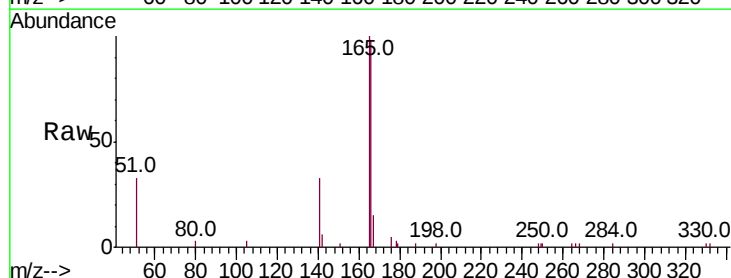


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

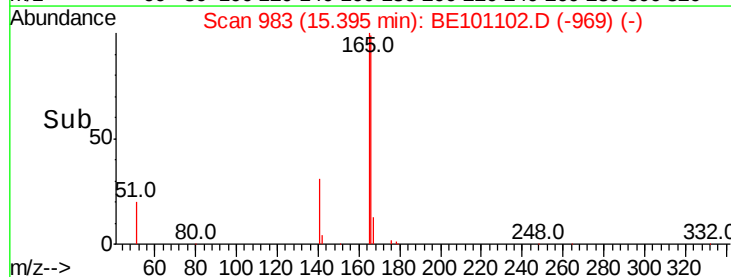
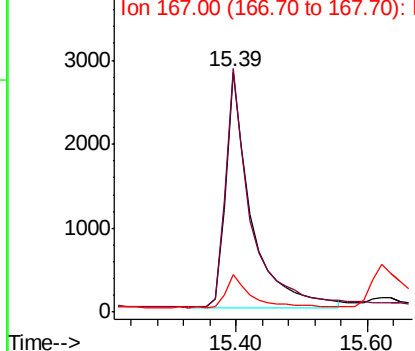


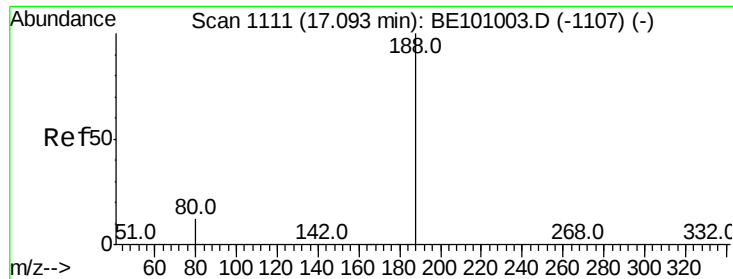
#18
Fluorene
Concen: 0.378 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:166 Resp: 7608
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.8
167 13.8 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampled :

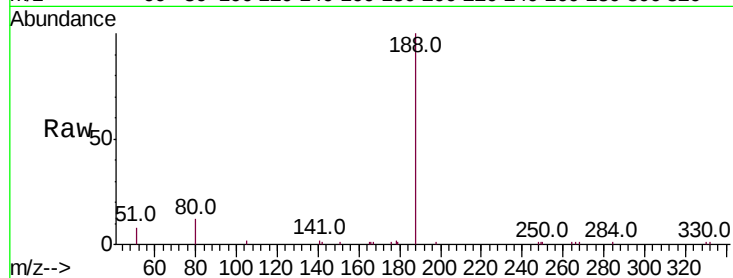
Tot Ion:188 Resp: 13731

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

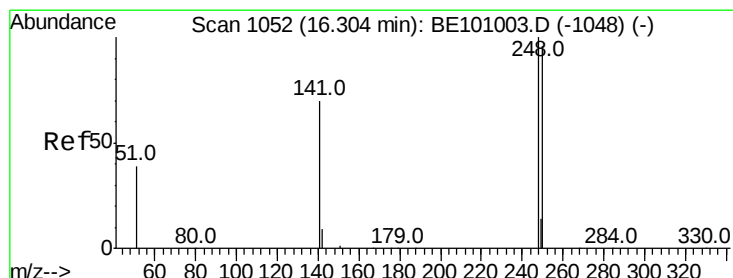
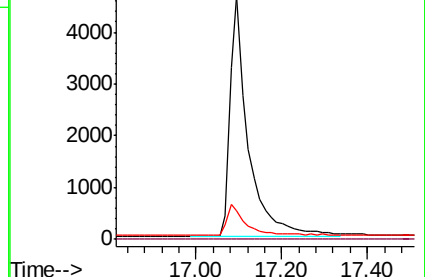
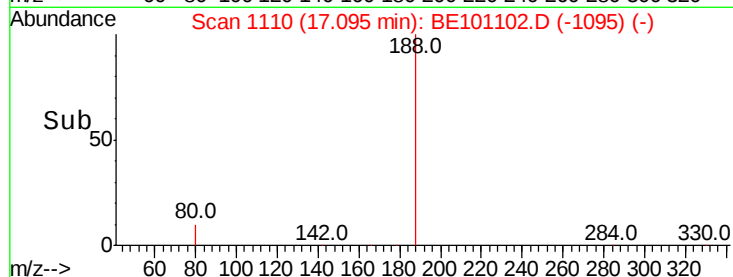
80 11.8 10.8 16.2



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: 0.365 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

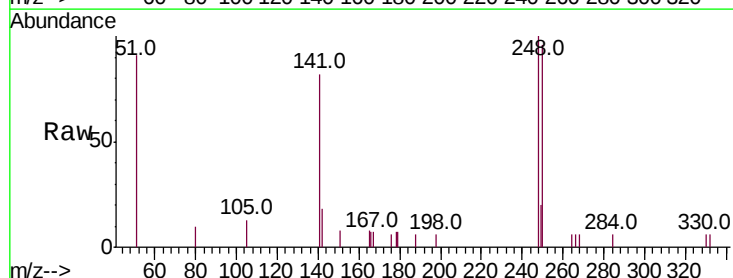
Tgt Ion:248 Resp: 2446

Ion Ratio Lower Upper

248 100

250 95.8 76.6 115.0

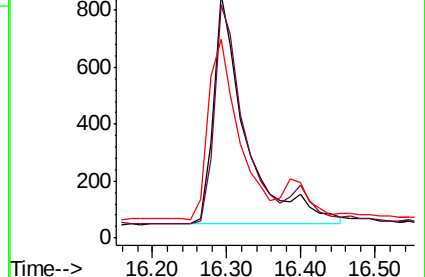
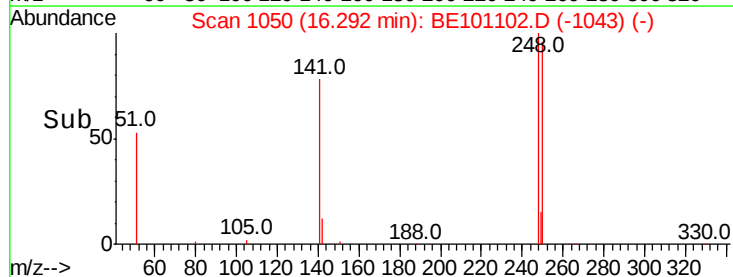
141 81.5 57.7 86.5

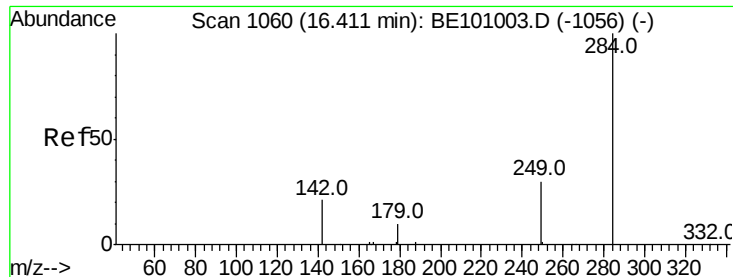


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.361 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

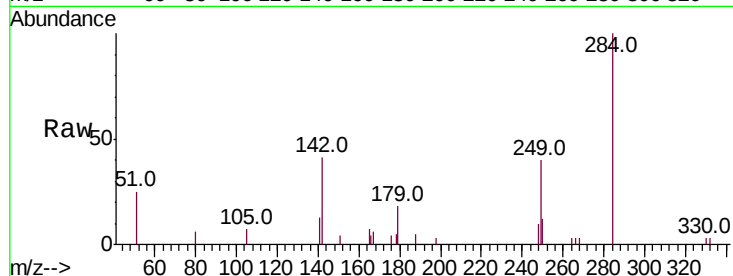
Tot Ion:284 Resp: 2653

Ion Ratio Lower Upper

284 100

142 40.6 34.0 51.0

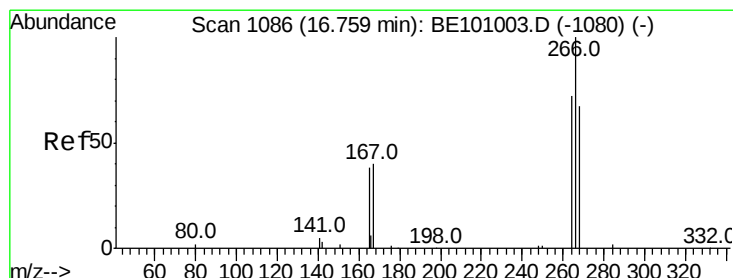
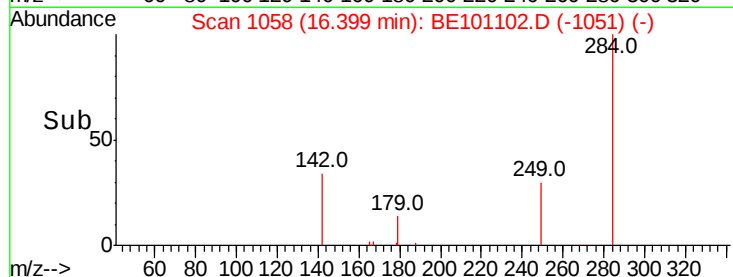
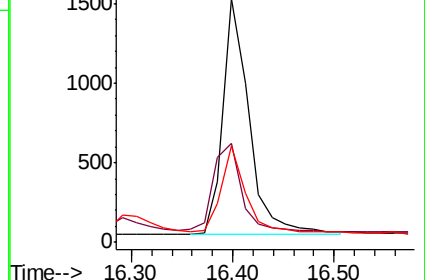
249 33.2 28.2 42.4



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: 0.378 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

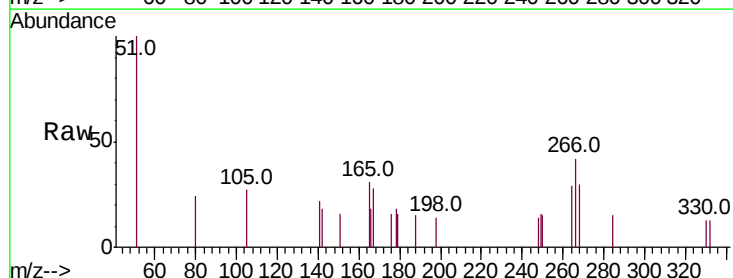
Tgt Ion:266 Resp: 330

Ion Ratio Lower Upper

266 100

264 69.8 61.0 91.4

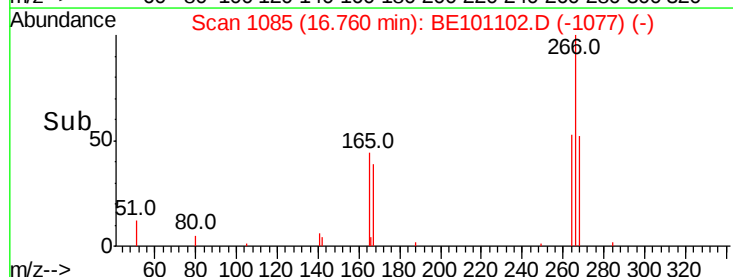
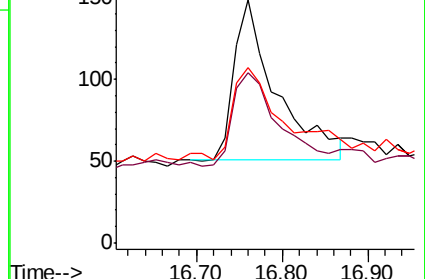
268 71.8 58.5 87.7

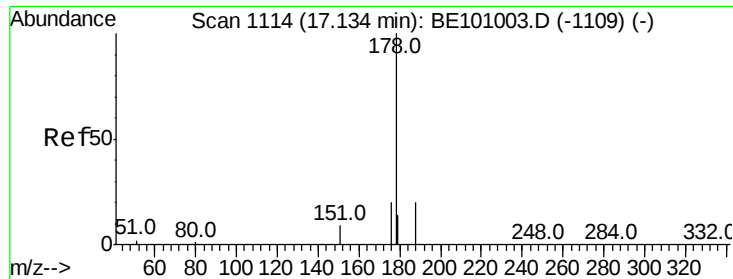


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.349 ng

RT: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

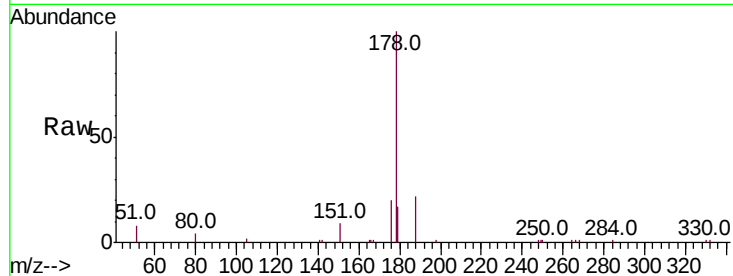
Tot Ion:178 Resp: 13083

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

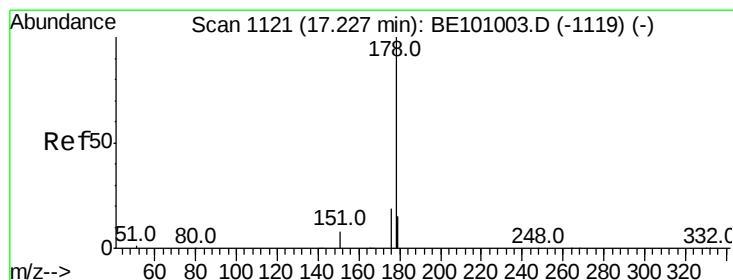
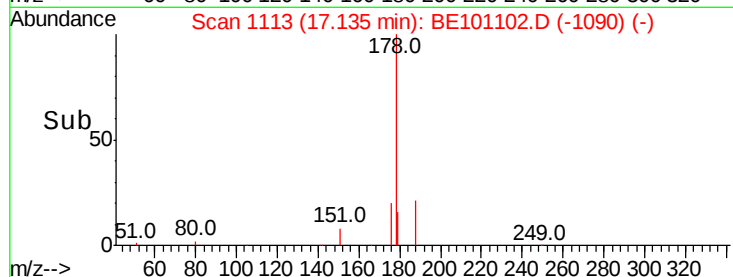
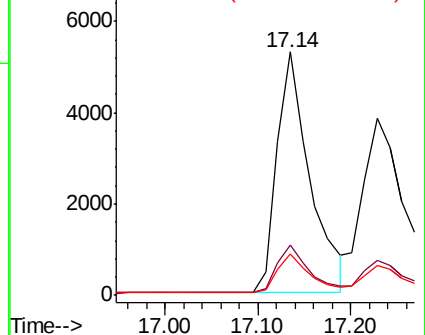
179 15.7 12.0 18.0



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



#24

Anthracene

Concen: 0.394 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

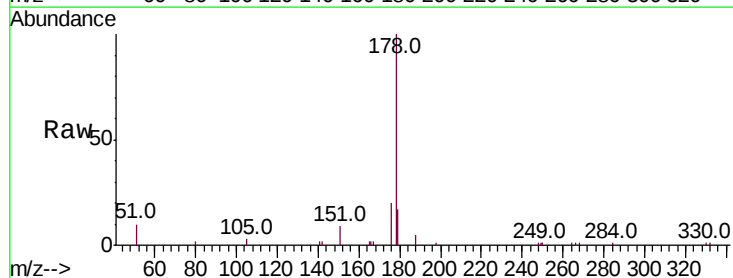
Tgt Ion:178 Resp: 13935

Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

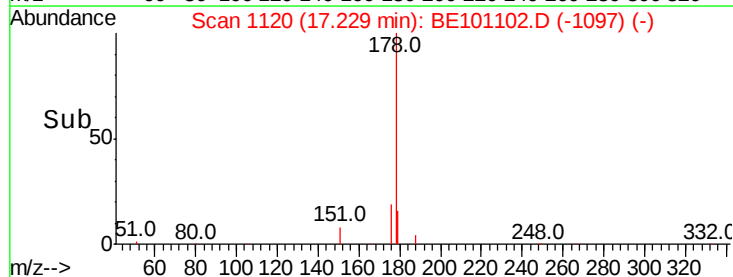
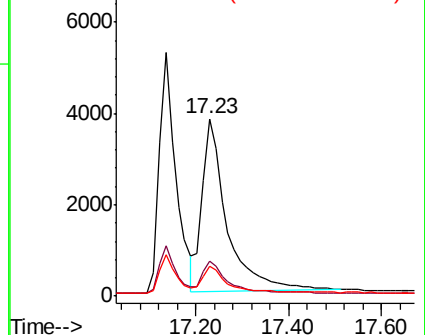
179 15.8 12.4 18.6

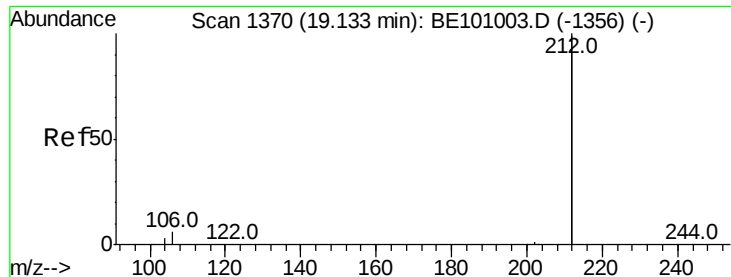


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.421 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

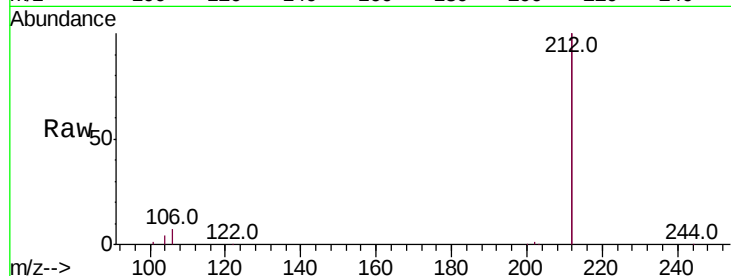
Tot Ion:212 Resp: 80205

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

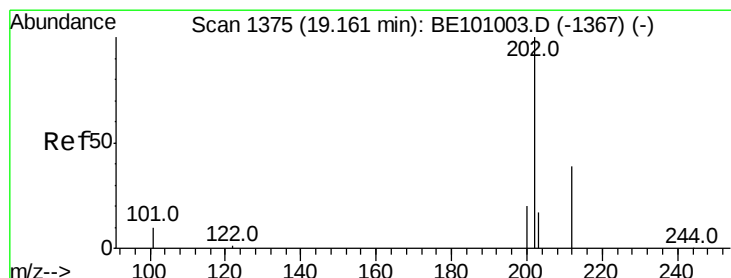
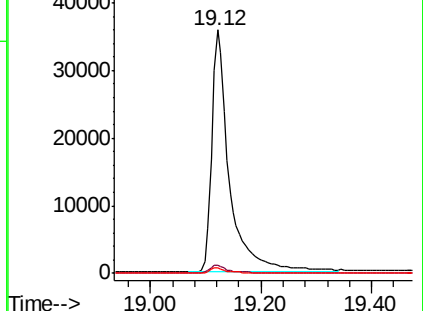
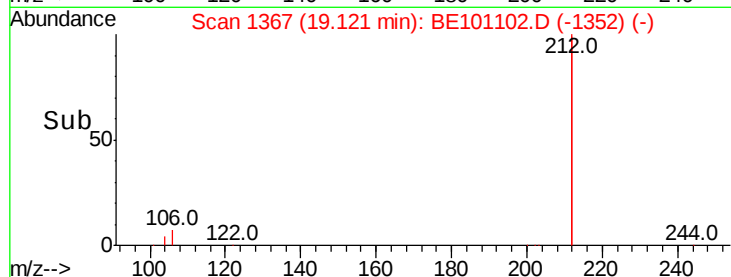
104 1.8 1.4 2.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.414 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

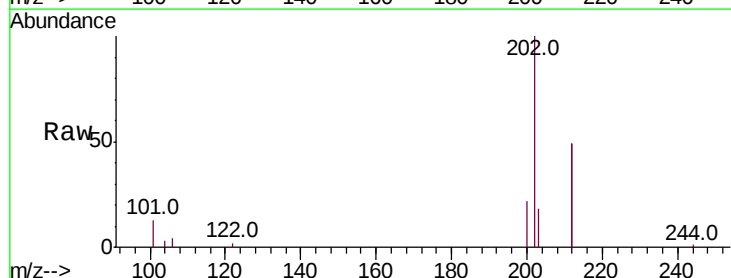
Tgt Ion:202 Resp: 19451

Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

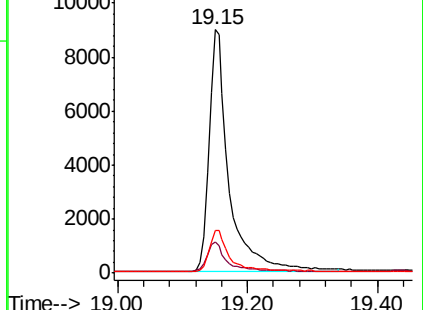
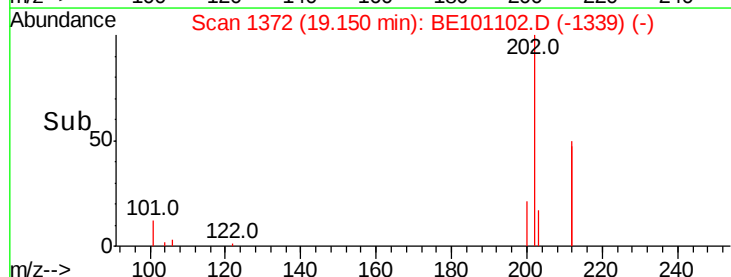
203 16.7 13.8 20.6

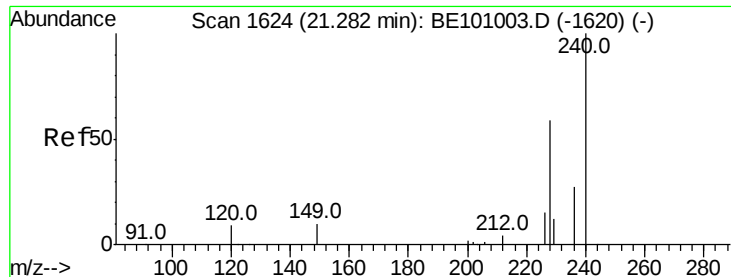


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

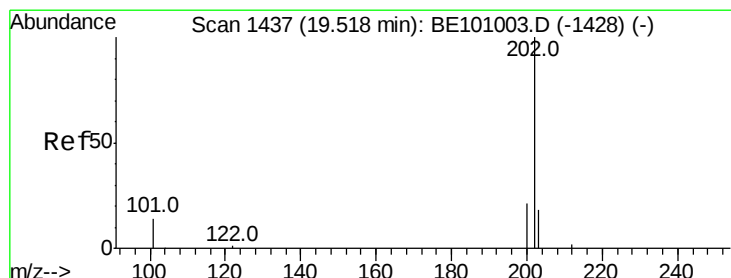
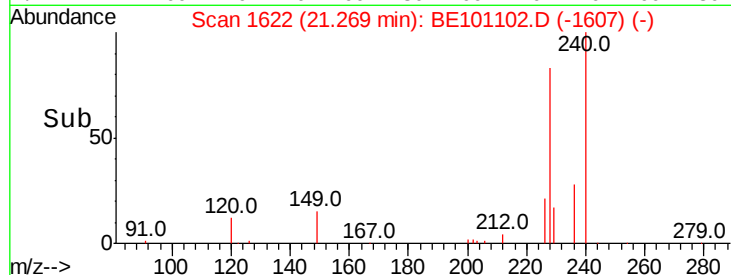
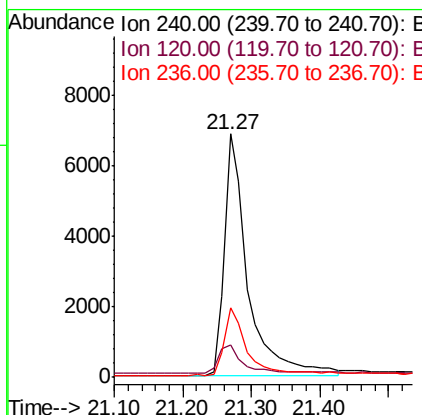
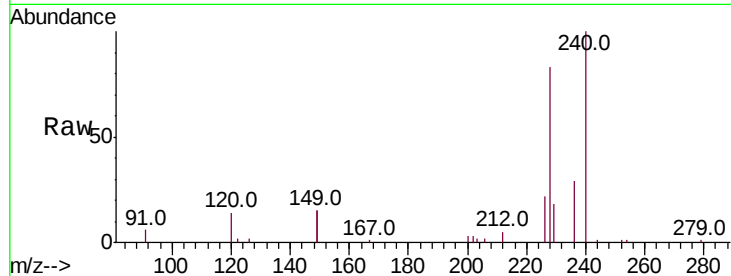




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

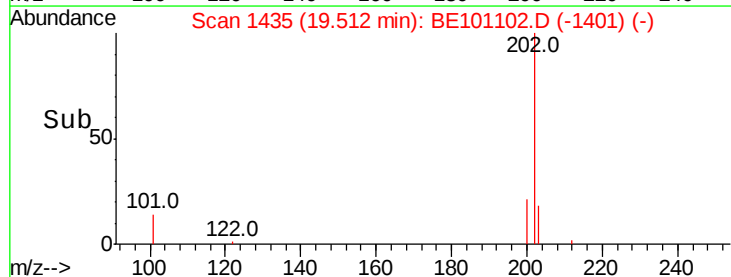
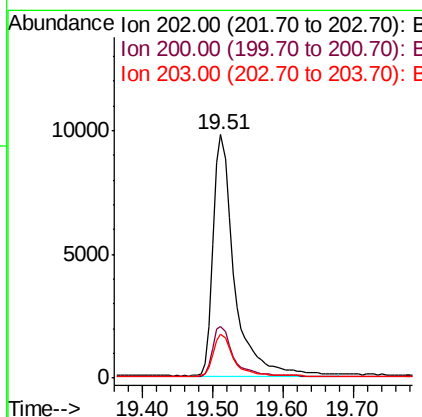
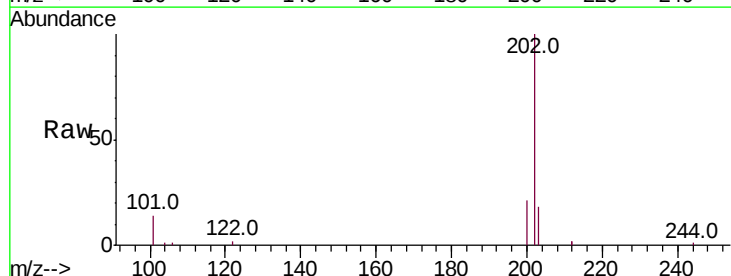
Instrument :
BNA_E
ClientSampleId :

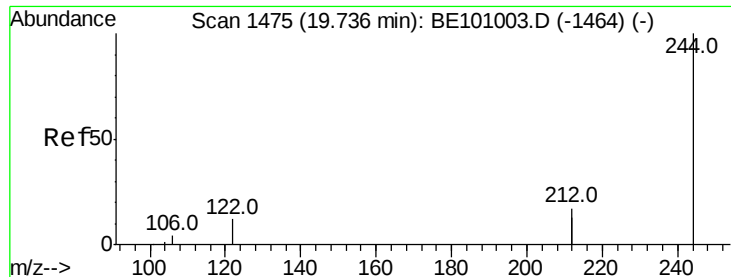
Tot Ion:240 Resp: 16315
Ion Ratio Lower Upper
240 100
120 13.6 8.6 13.0#
236 28.5 22.2 33.4



#28
Pyrene
Concen: 0.337 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101102.D
Acq: 20 Jan 2020 15:05

Tgt Ion:202 Resp: 20461
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.6 13.8 20.6





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

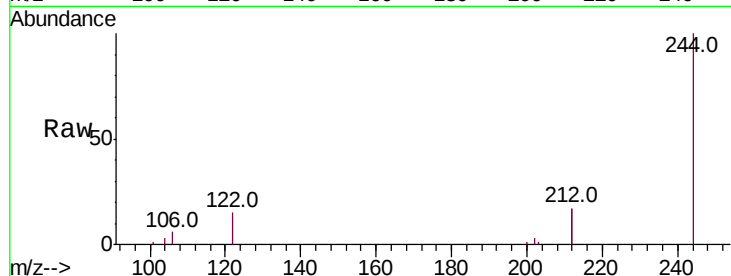
Tot Ion:244 Resp: 13383

Ion Ratio Lower Upper

244 100

212 34.4 27.2 40.8

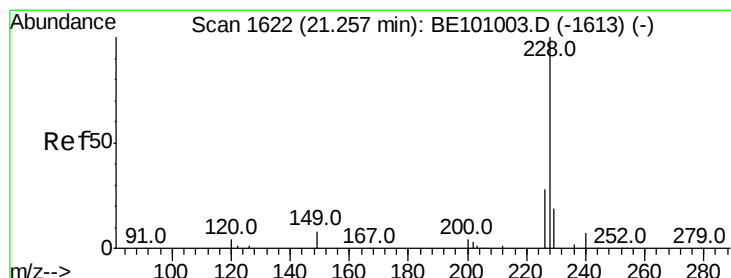
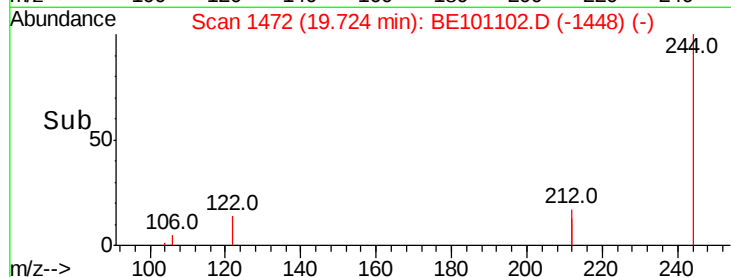
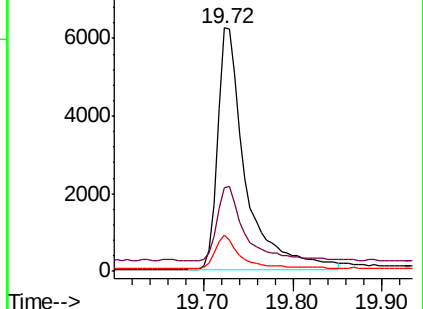
122 14.7 9.8 14.8



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: 0.388 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

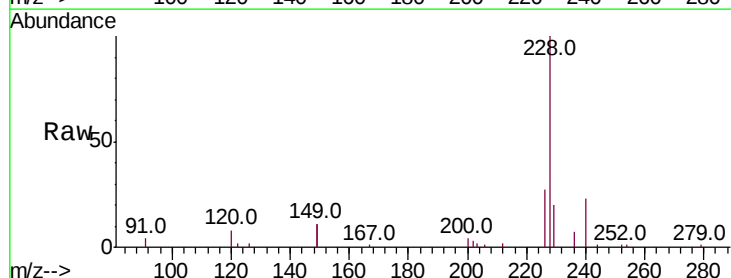
Tgt Ion:228 Resp: 18048

Ion Ratio Lower Upper

228 100

226 26.8 22.7 34.1

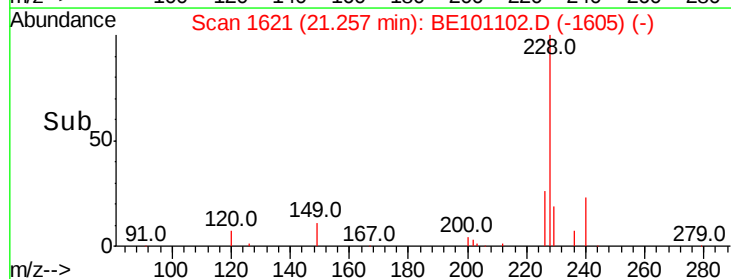
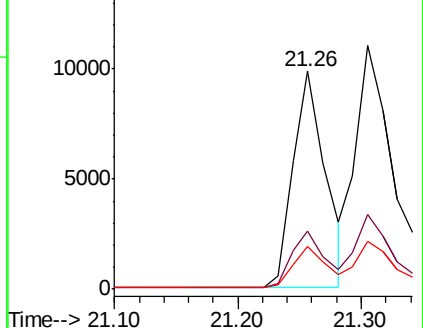
229 19.8 15.5 23.3

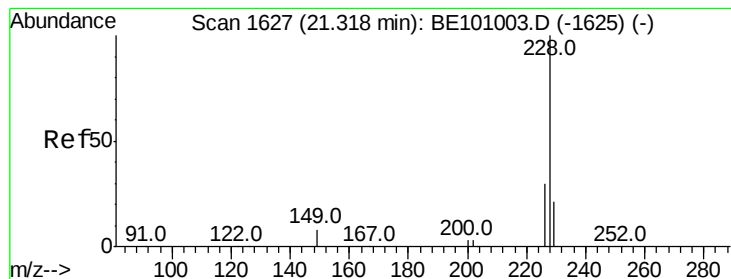


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.396 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

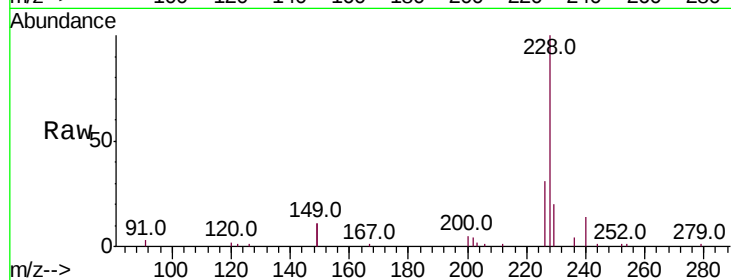
Tot Ion:228 Resp: 27421

Ion Ratio Lower Upper

228 100

226 30.9 23.5 35.3

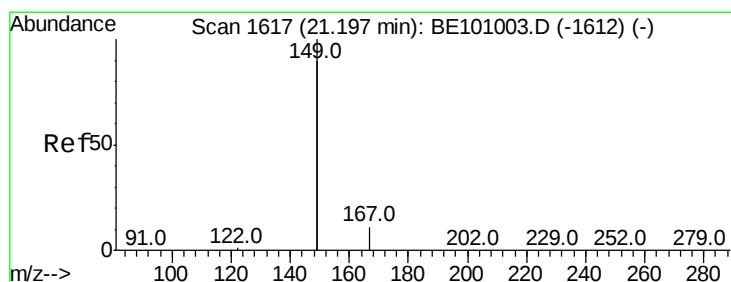
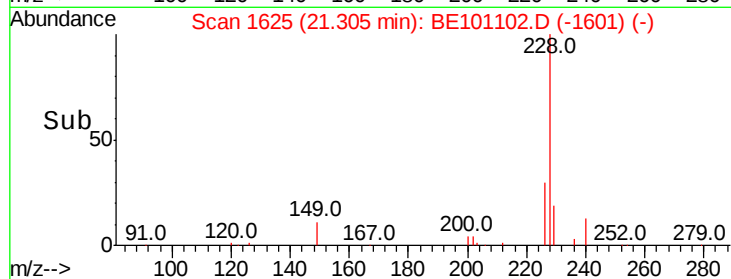
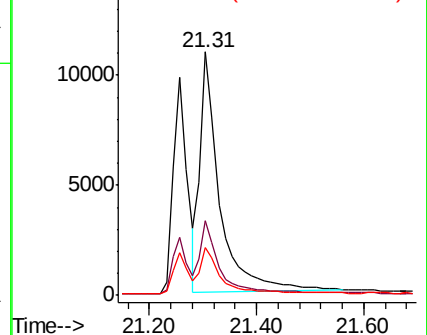
229 19.6 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

15000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.559 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

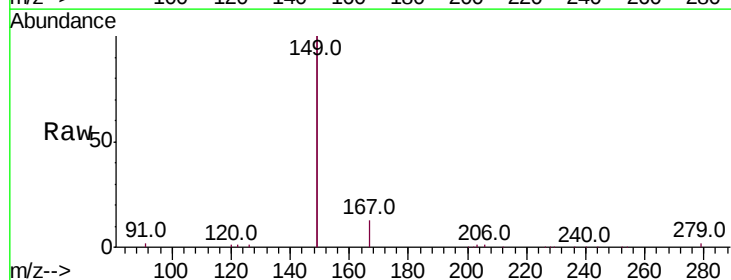
Tgt Ion:149 Resp: 43360

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

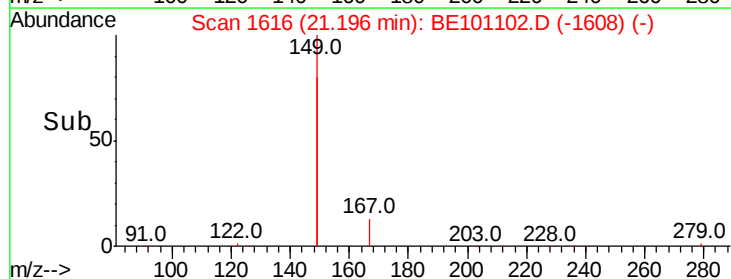
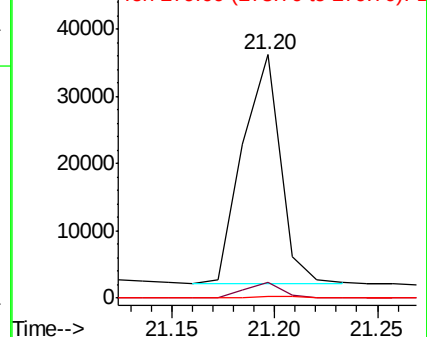
279 0.9 0.8 1.2

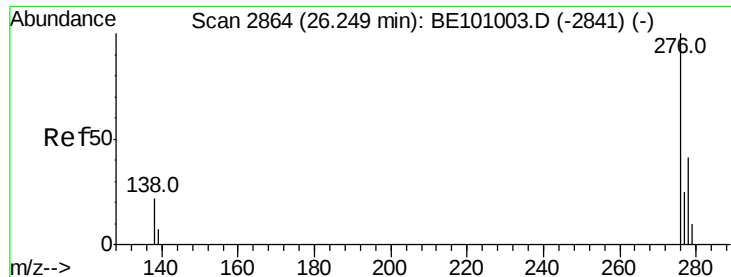


Abundance Ion 149.00 (148.70 to 149.70): E

50000 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: 0.432 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

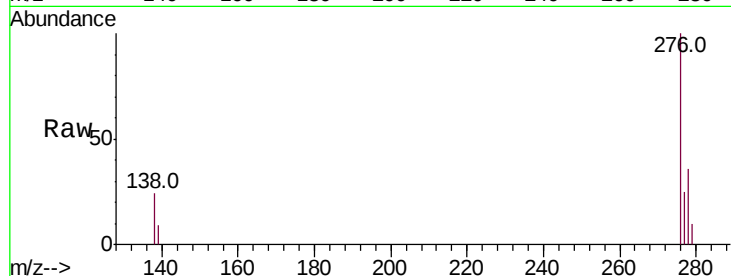
Tot Ion:276 Resp: 23632

Ion Ratio Lower Upper

276 100

138 9.9 16.1 24.1#

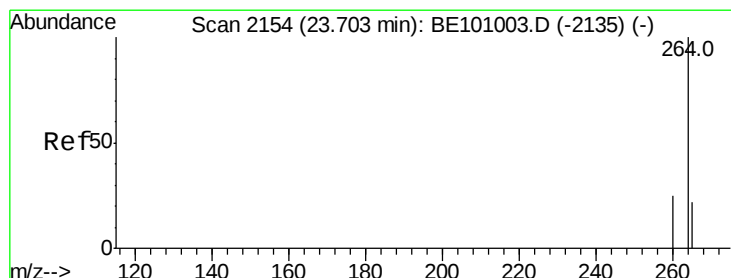
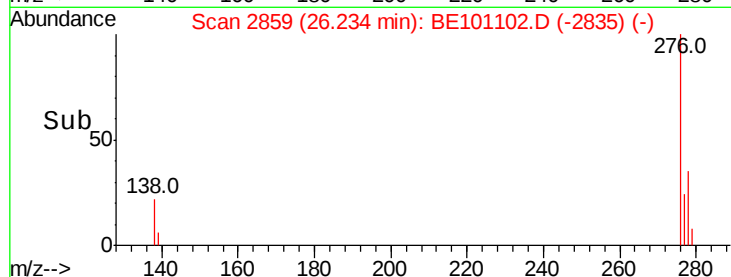
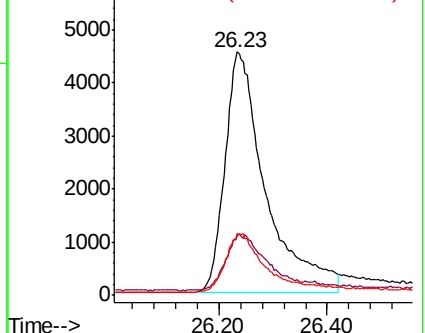
277 24.1 18.1 27.1



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: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

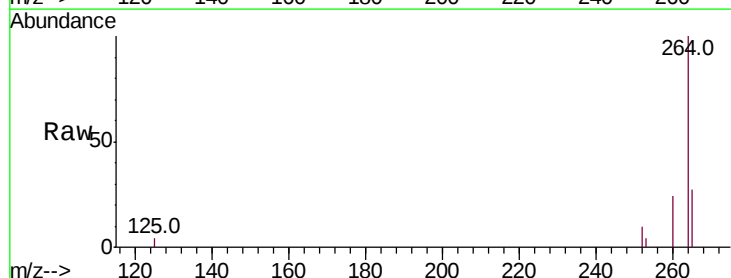
Tgt Ion:264 Resp: 19599

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

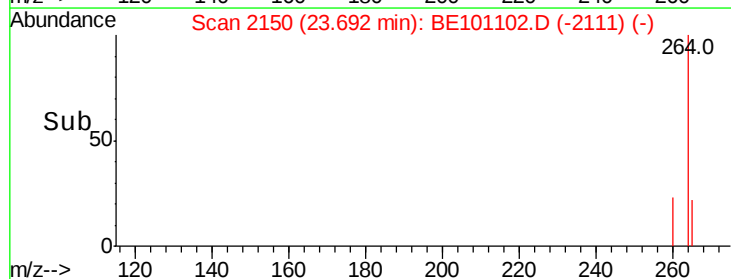
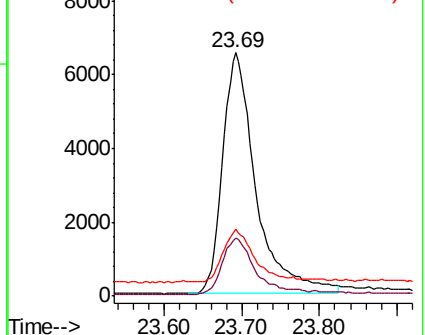
265 27.3 27.0 40.4

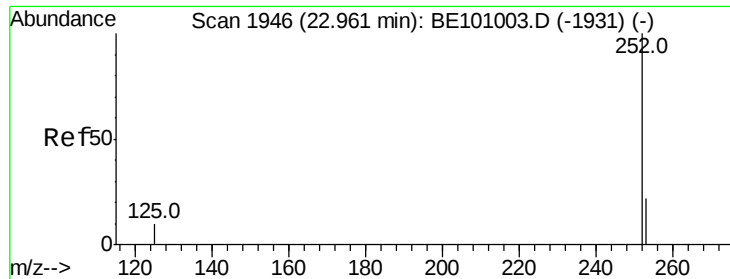


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.333 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

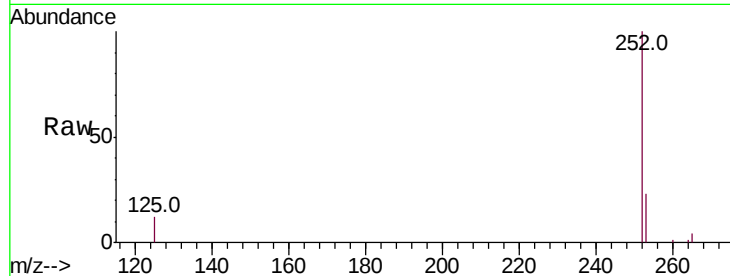
Tot Ion:252 Resp: 18314

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

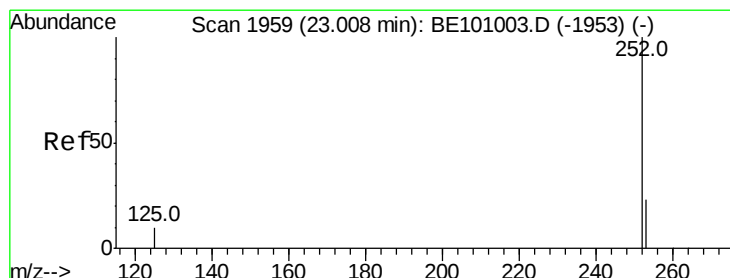
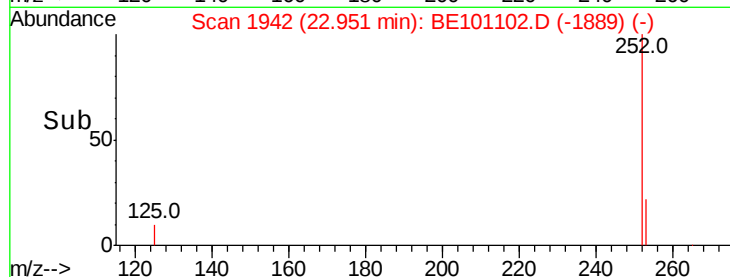
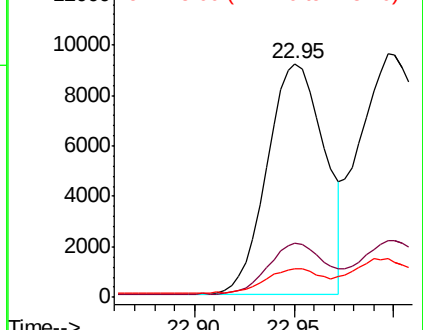
125 12.3 9.5 14.3



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: 0.230 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.06 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

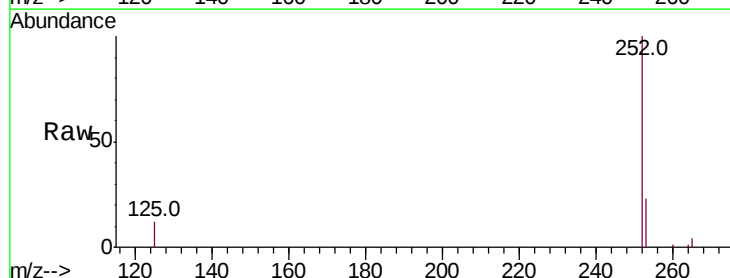
Tgt Ion:252 Resp: 18314

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

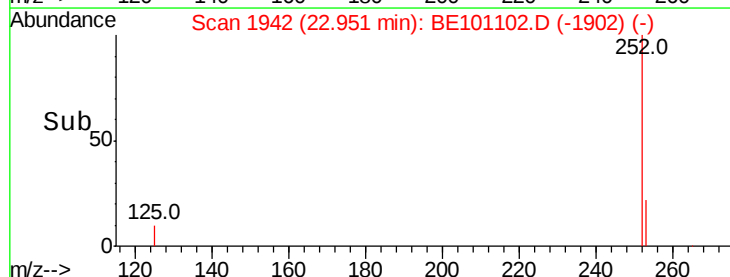
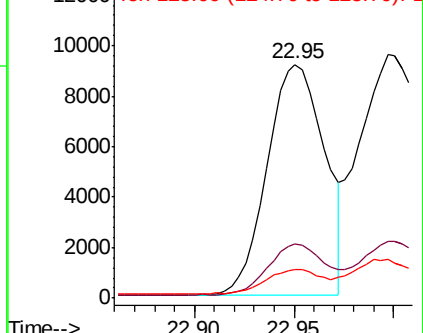
125 12.3 10.1 15.1

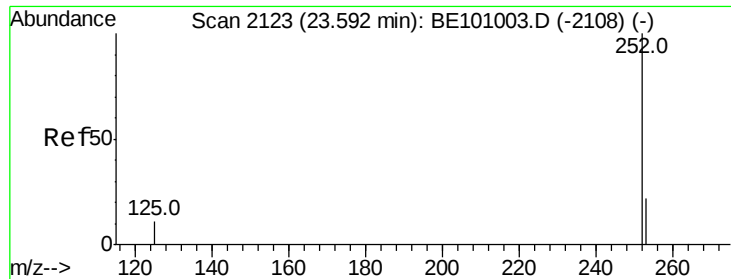


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.378 ng

RT: 23.58 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :

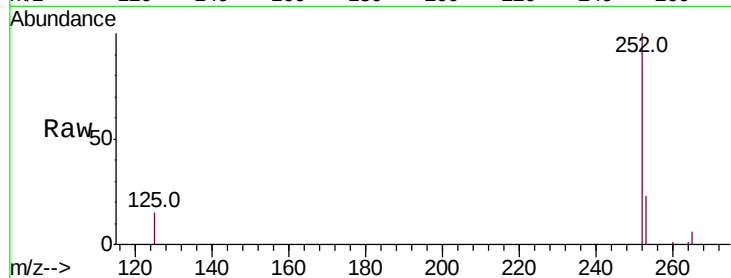
Tot Ion:252 Resp: 20090

Ion Ratio Lower Upper

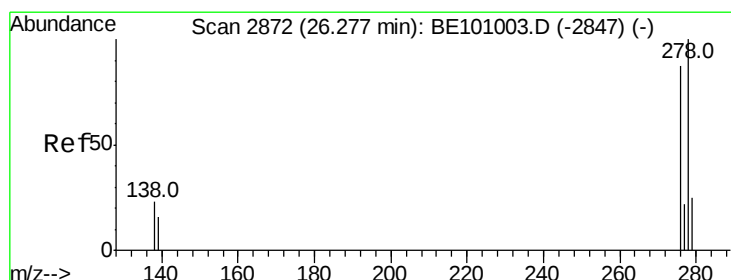
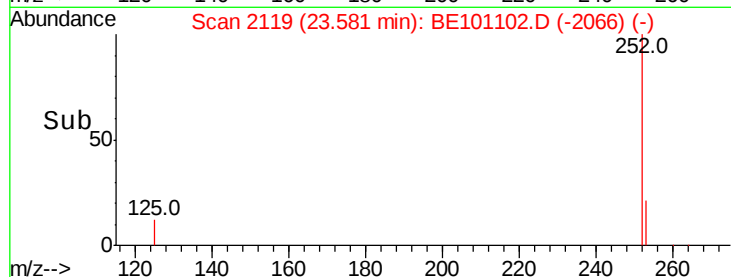
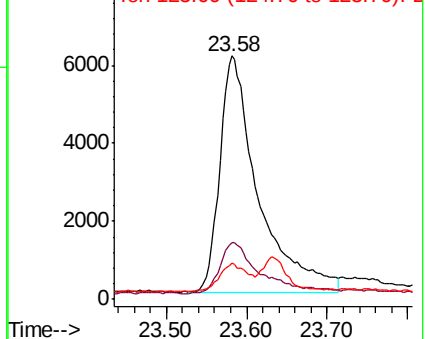
252 100

253 23.2 19.4 29.2

125 14.7 11.8 17.6



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: 0.370 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

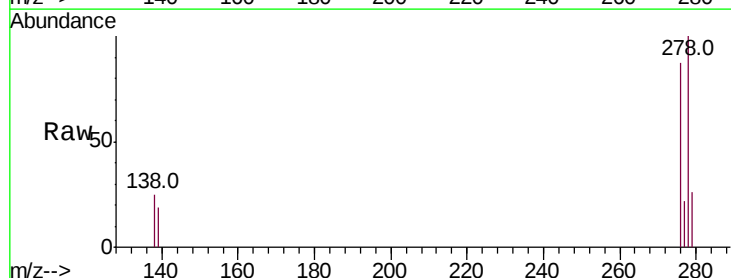
Tgt Ion:278 Resp: 18080

Ion Ratio Lower Upper

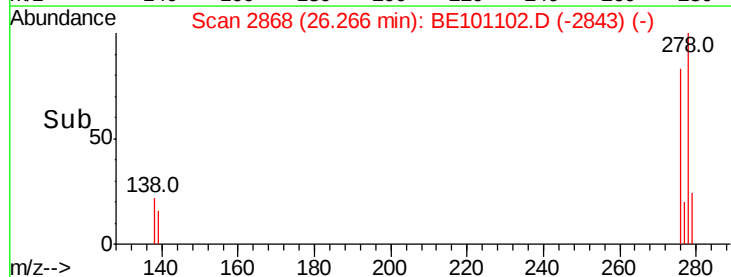
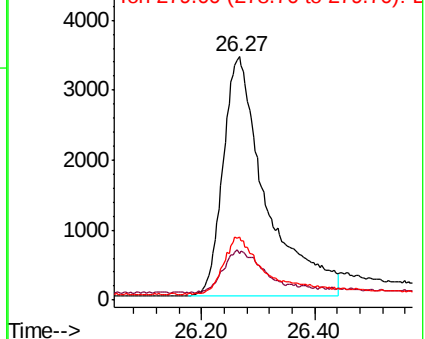
278 100

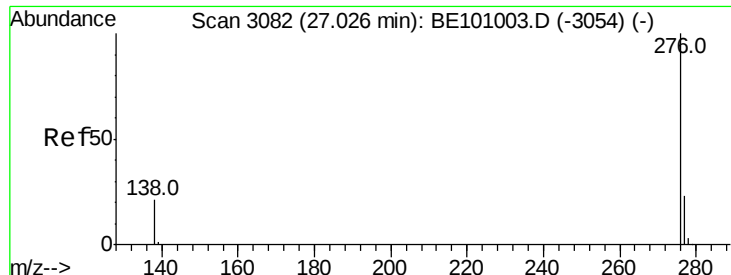
139 19.0 15.0 22.4

279 25.9 22.6 33.8



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: 0.349 ng

RT: 27.02 min Scan# 3078

Delta R.T. -0.01 min

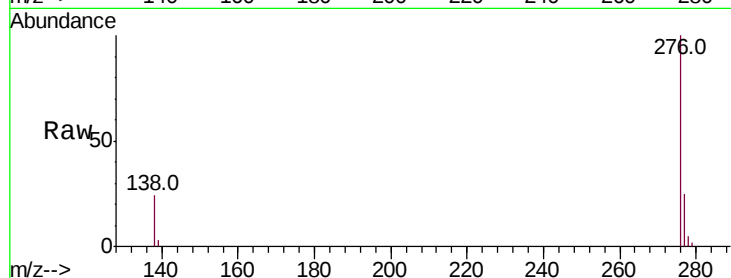
Lab File: BE101102.D

Acq: 20 Jan 2020 15:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 20968

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 23.9 17.9 26.9

