

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
 Data File : BE100726.D
 Acq On : 14 Nov 2019 18:15
 Operator : JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Nov 15 15:56:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 16:59:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1899	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	8168	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	5403	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12113	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17099	0.40	ng	0.00
34) Perylene-d12	23.73	264	18413	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	28735	4.90	ng	0.00
5) Phenol-d6	6.94	99	41446	5.01	ng	0.00
8) Nitrobenzene-d5	8.91	82	38629	7.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	67488	5.24	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	98100	4.98	ng	0.00
25) Fluoranthene-d10	19.16	212	862192	5.52	ng	0.00
29) Terphenyl-d14	19.76	244	204887	5.48	ng	0.00

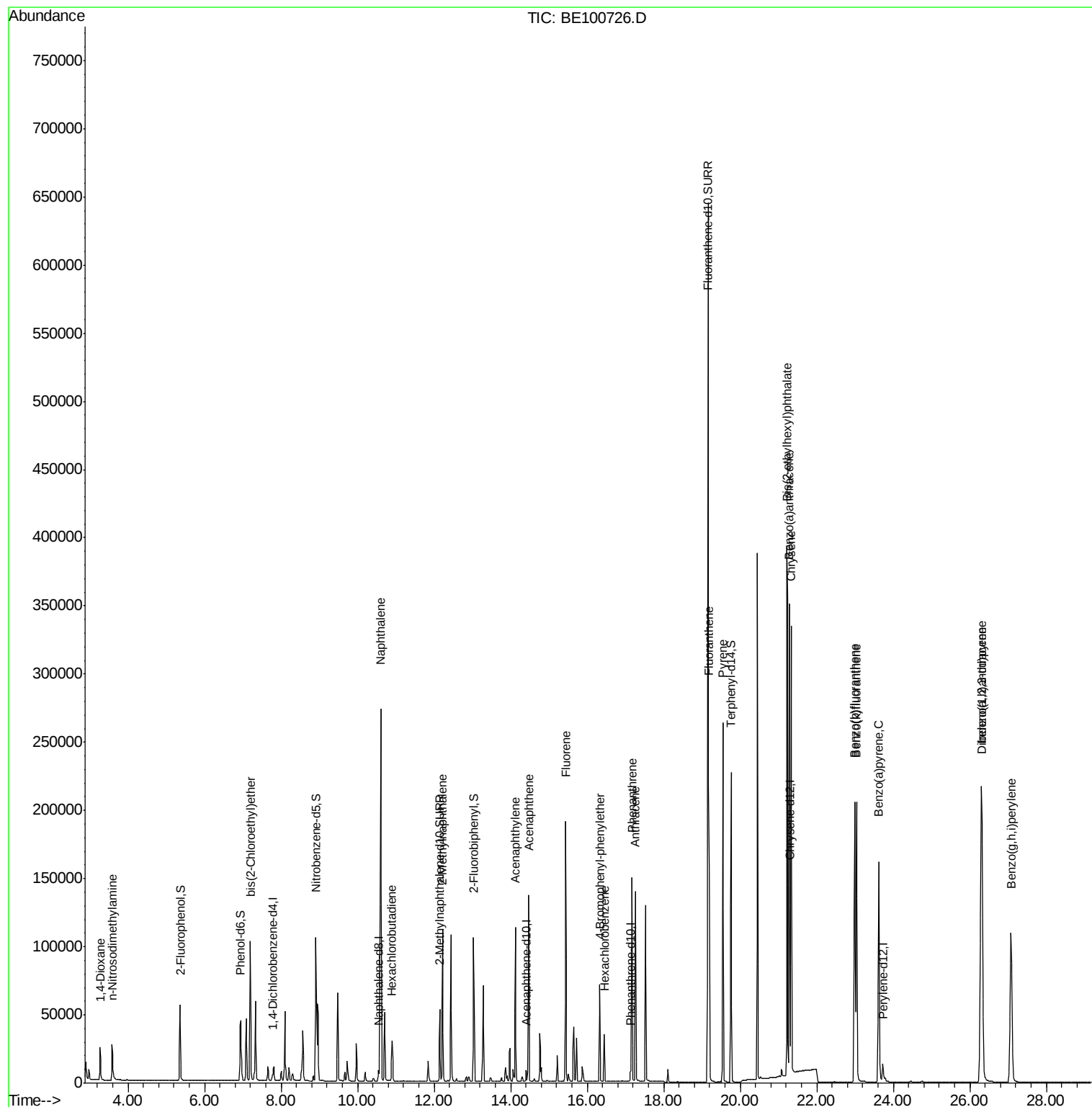
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	15684	4.629	ng	95
3) n-Nitrosodimethylamine	3.58	42	17745	4.952	ng	# 97
6) bis(2-Chloroethyl)ether	7.20	93	35494	5.229	ng	96
9) Naphthalene	10.60	128	425496	4.954	ng	99
10) Hexachlorobutadiene	10.90	225	20144	5.398	ng	97
12) 2-Methylnaphthalene	12.22	142	74940	5.119	ng	97
16) Acenaphthylene	14.13	152	120432	5.180	ng	98
17) Acenaphthene	14.47	154	73729	4.907	ng	99
18) Fluorene	15.43	166	101515	5.087	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	34655	5.623	ng	95
21) Hexachlorobenzene	16.45	284	33087	5.634	ng	98
23) Phenanthrene	17.18	178	172367	5.173	ng	99
24) Anthracene	17.26	178	167153	5.407	ng	99
26) Fluoranthene	19.18	202	237818	5.469	ng	99
28) Pyrene	19.55	202	242661	5.080	ng	100
30) Benzo(a)anthracene	21.28	228	282597	5.066	ng	99
31) Chrysene	21.33	228	278886	5.003	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	530139	4.544	ng	99
33) Indeno(1,2,3-cd)pyrene	26.30	276	332488	4.853	ng	99
35) Benzo(b)fluoranthene	22.99	252	280539	5.225	ng	97
36) Benzo(k)fluoranthene	23.04	252	291551	5.280	ng	97
37) Benzo(a)pyrene	23.62	252	263312	5.269	ng	97
38) Dibenzo(a,h)anthracene	26.32	278	277862	5.379	ng	96
39) Benzo(g,h,i)perylene	27.07	276	267237	5.144	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

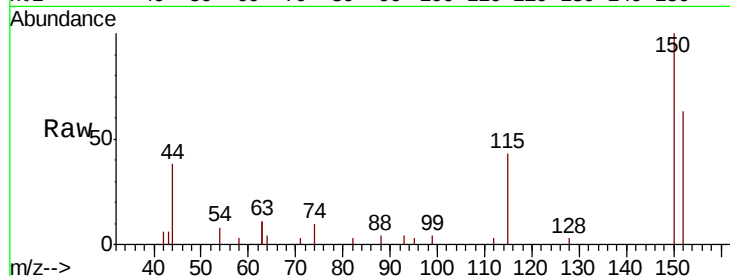
Tot Ion:152 Resp: 1899

Ion Ratio Lower Upper

152 100

150 158.9 123.4 185.0

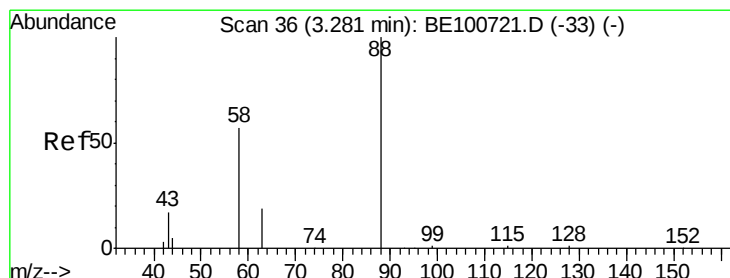
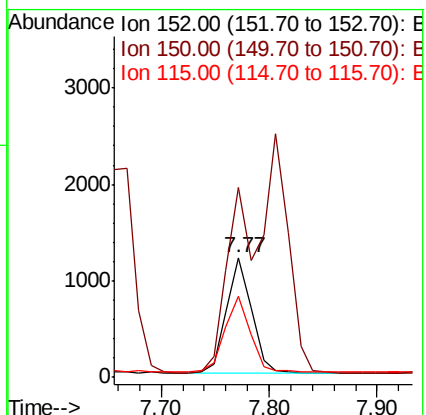
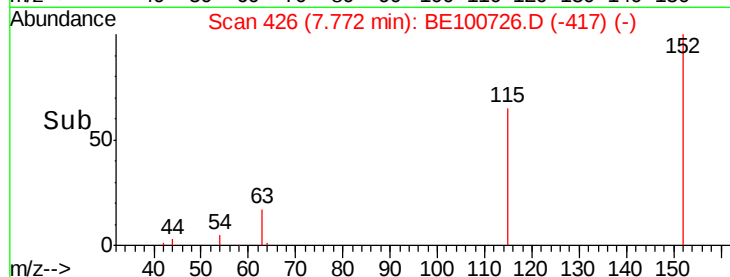
115 67.5 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.629 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.01 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

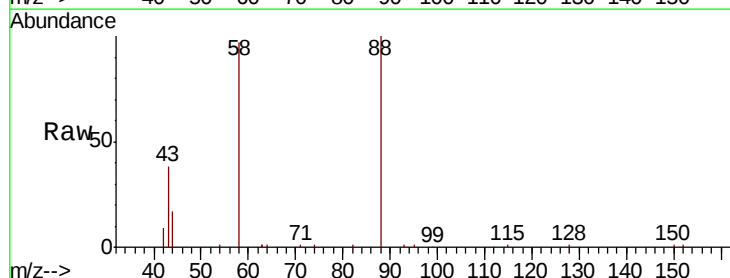
Tgt Ion: 88 Resp: 15684

Ion Ratio Lower Upper

88 100

58 82.8 69.8 104.8

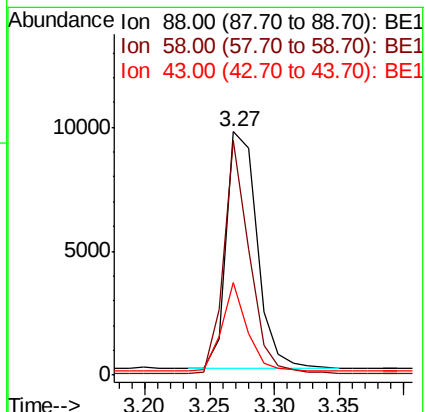
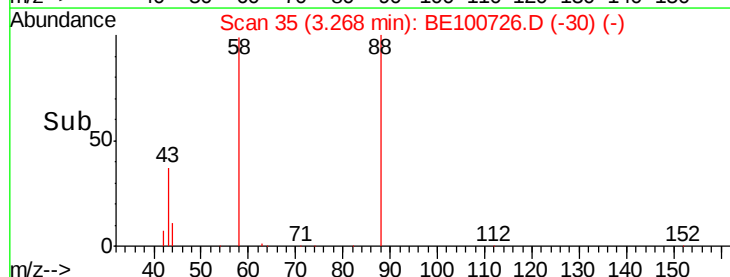
43 30.8 27.0 40.4

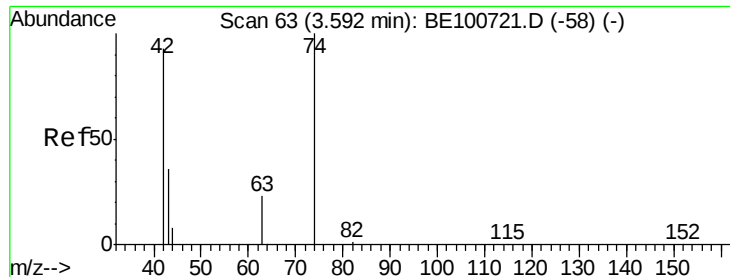


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



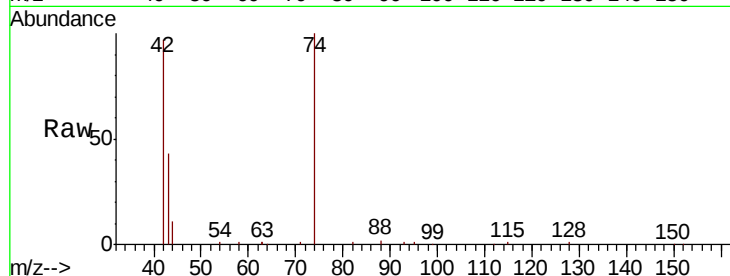


#3

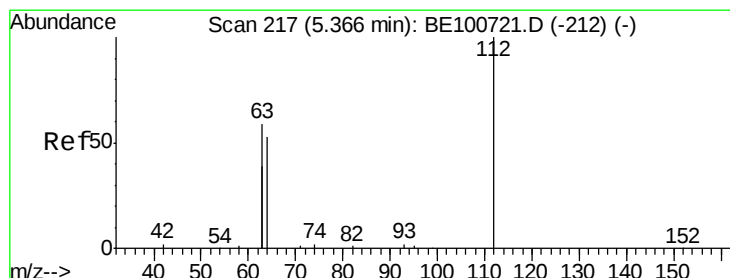
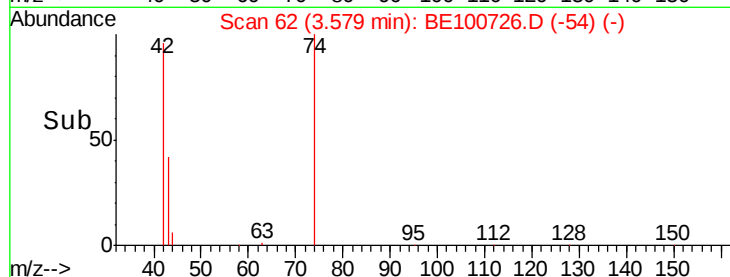
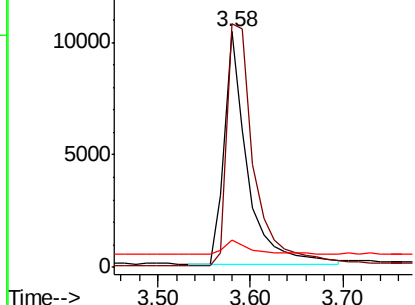
n-Nitrosodimethylamine
 Concen: 4.952 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.01 min
 Lab File: BE100726.D
 Acq: 14 Nov 2019 18:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion: 42 Resp: 17745
 Ion Ratio Lower Upper
 42 100
 74 126.4 99.7 149.5
 44 7.7 11.8 17.8#



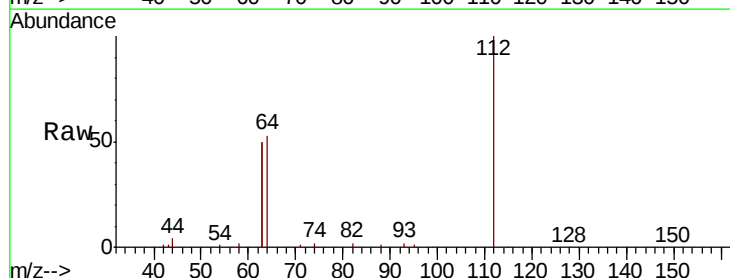
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



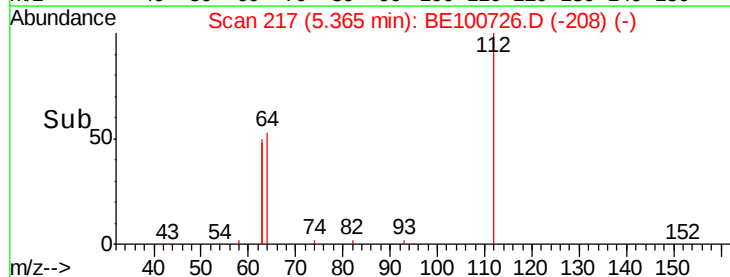
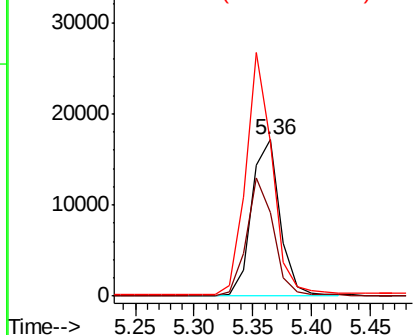
#4

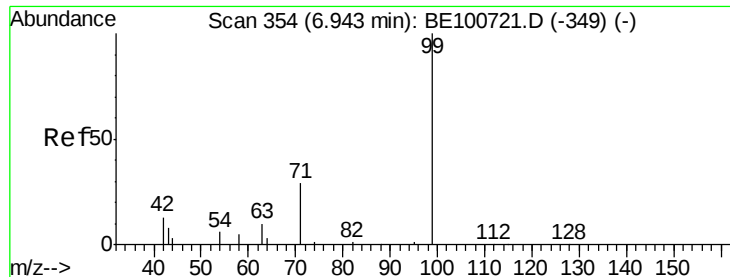
2-Fluorophenol
 Concen: 4.900 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.00 min
 Lab File: BE100726.D
 Acq: 14 Nov 2019 18:15

Tgt Ion: 112 Resp: 28735
 Ion Ratio Lower Upper
 112 100
 64 71.3 58.3 87.5
 63 143.9 115.4 173.2



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





#5

Phenol-d6

Concen: 5.012 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

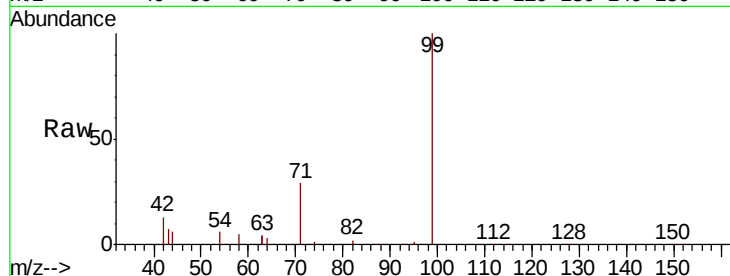
Tot Ion: 99 Resp: 41446

Ion Ratio Lower Upper

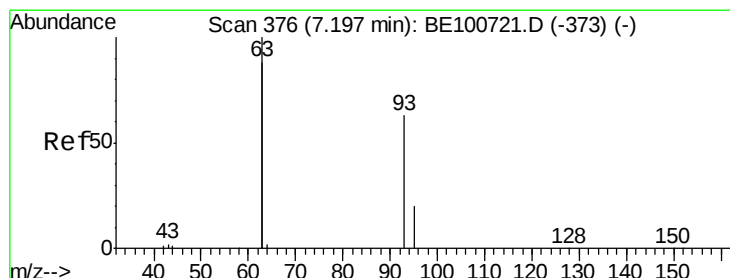
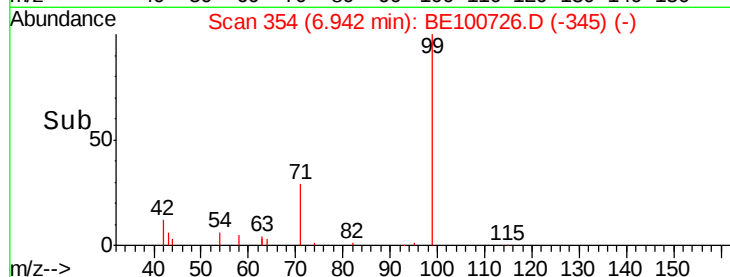
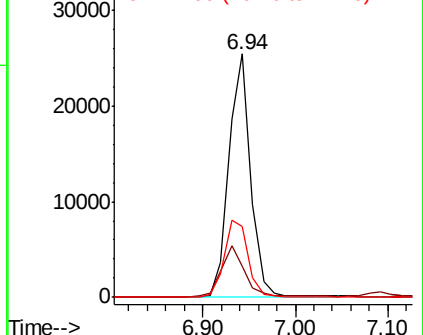
99 100

42 21.3 17.8 26.6

71 34.4 27.3 40.9



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: 5.229 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

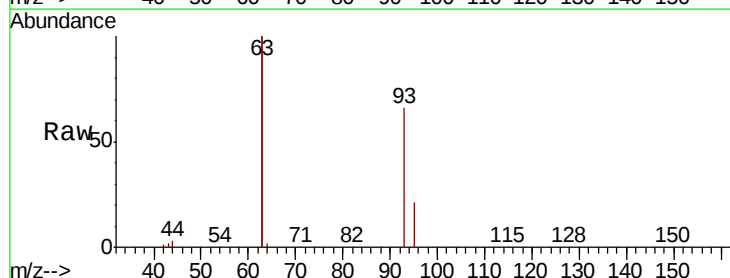
Tgt Ion: 93 Resp: 35494

Ion Ratio Lower Upper

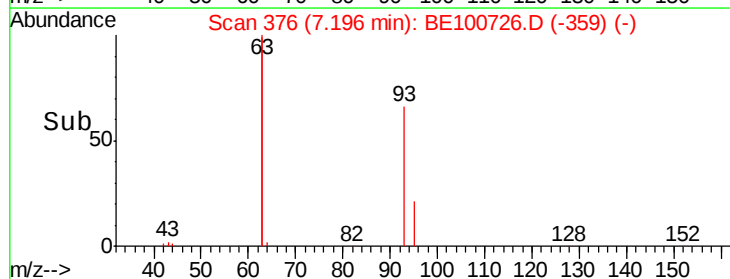
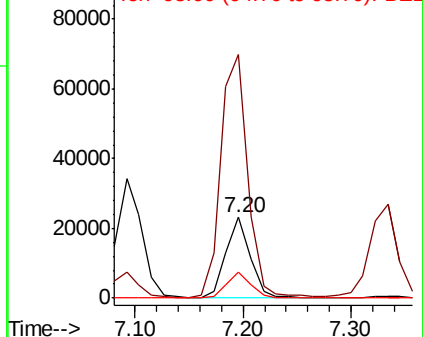
93 100

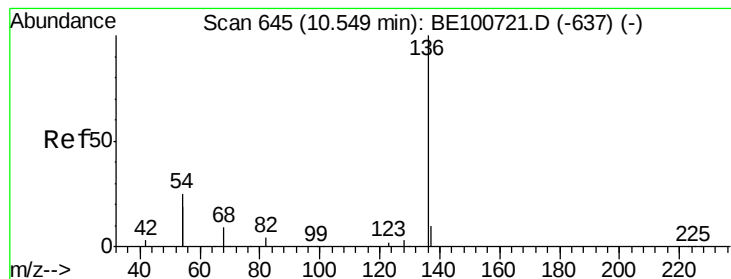
63 335.1 260.7 391.1

95 31.3 24.2 36.2



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 8168

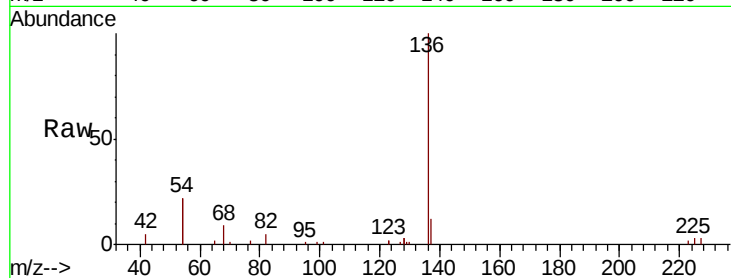
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 43.8 39.0 58.6

68 8.6 7.8 11.8

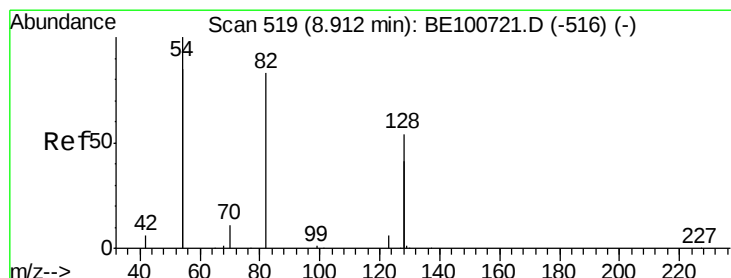
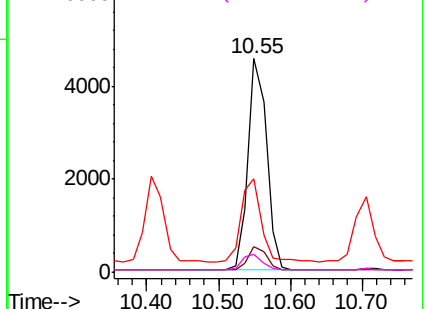
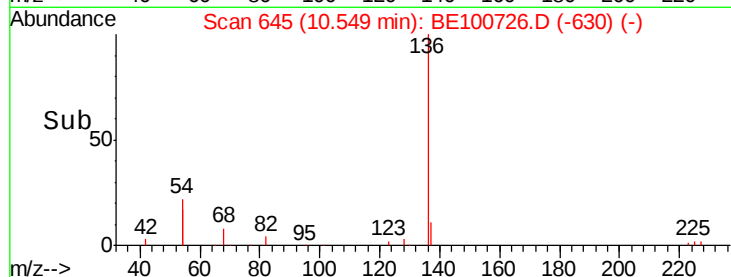


Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.630 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

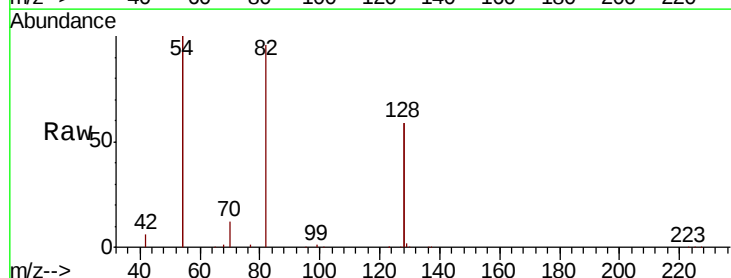
Tgt Ion: 82 Resp: 38629

Ion Ratio Lower Upper

82 100

128 124.0 99.6 149.4

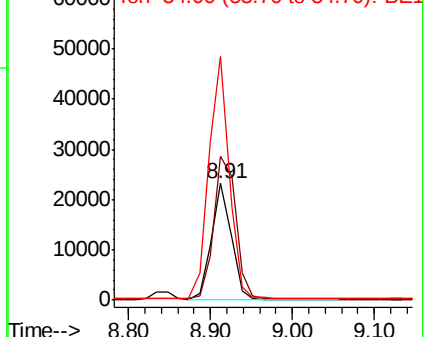
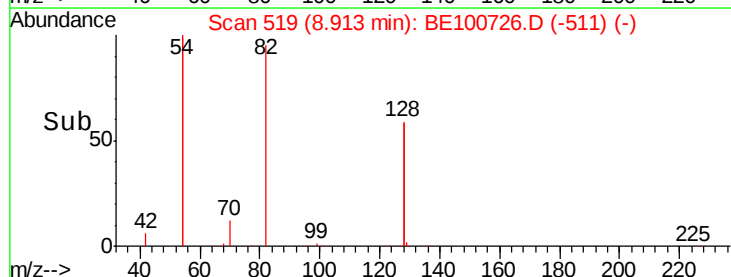
54 209.3 183.8 275.8

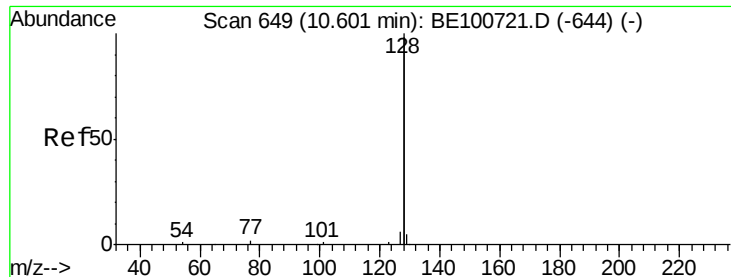


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.954 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

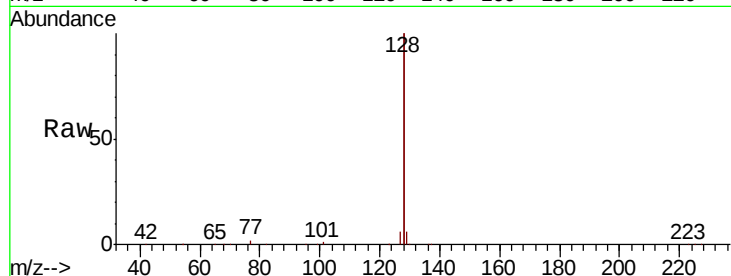
Tot Ion:128 Resp: 425496

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

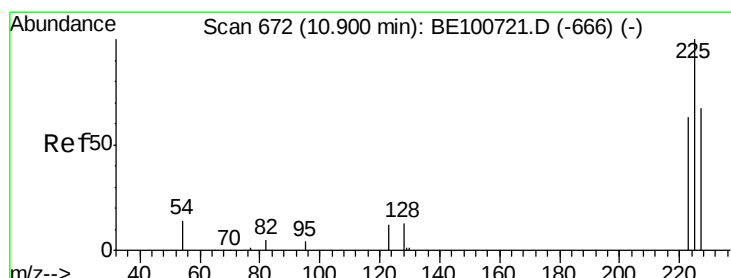
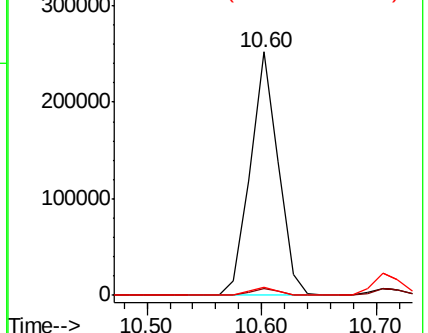
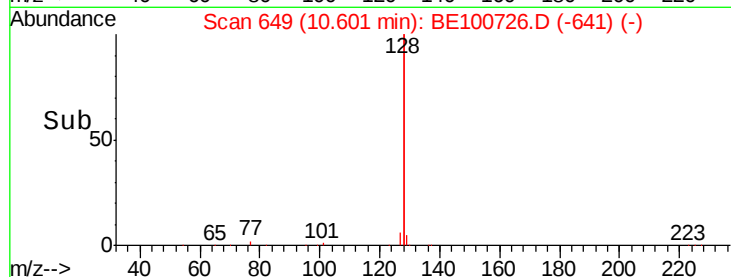
127 3.2 2.7 4.1



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: 5.398 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

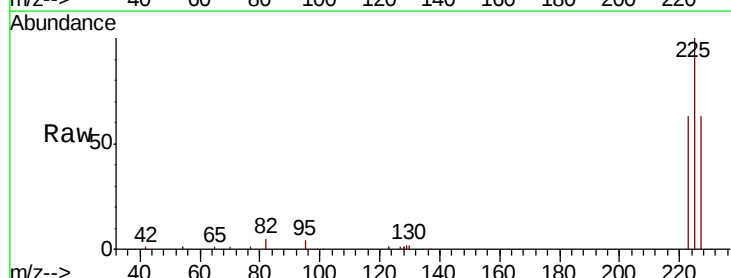
Tgt Ion:225 Resp: 20144

Ion Ratio Lower Upper

225 100

223 62.6 50.6 76.0

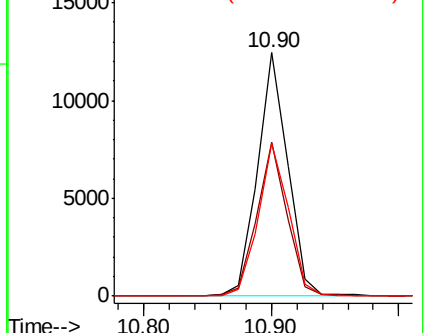
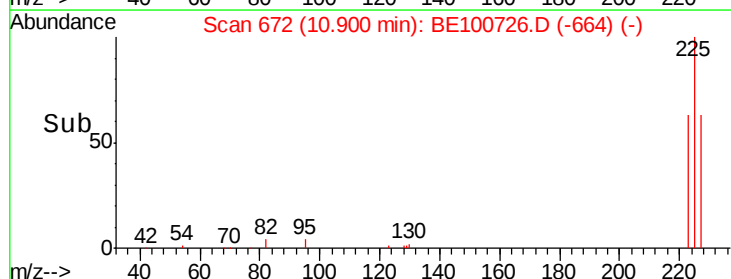
227 63.1 53.0 79.6

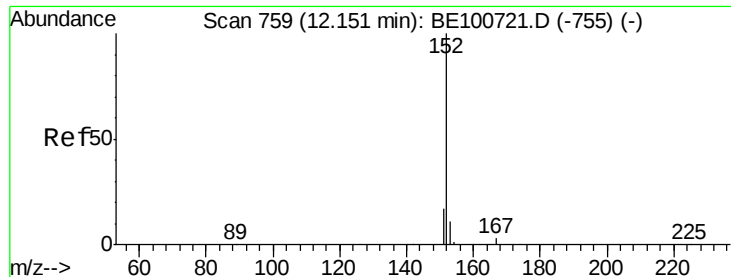


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

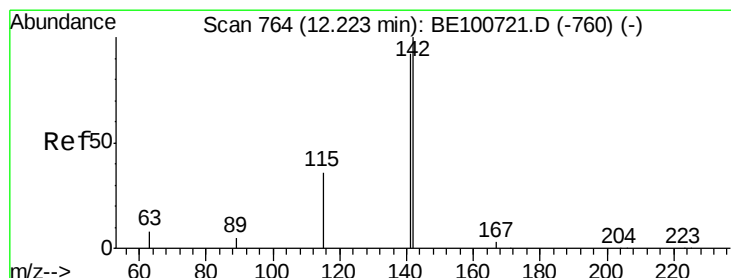
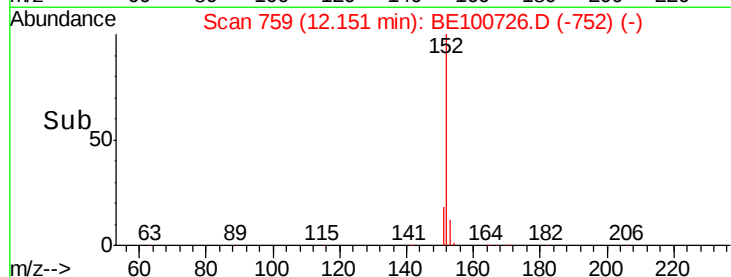
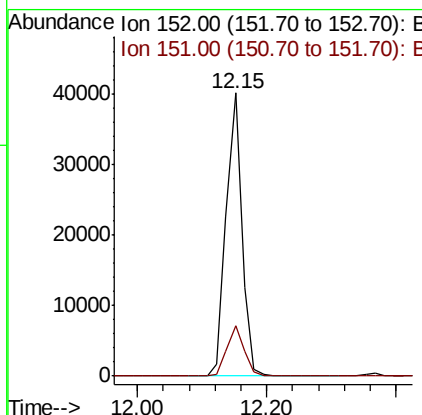
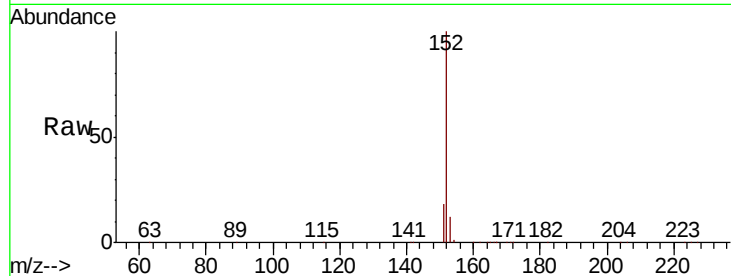




#11
 2-Methylnaphthalene-d10
 Concen: 5.240 ng
 RT: 12.15 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BE100726.D
 Acq: 14 Nov 2019 18:15

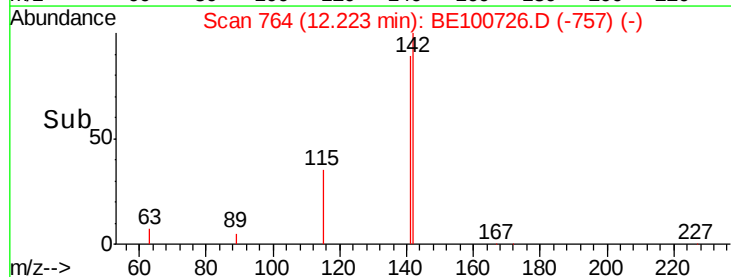
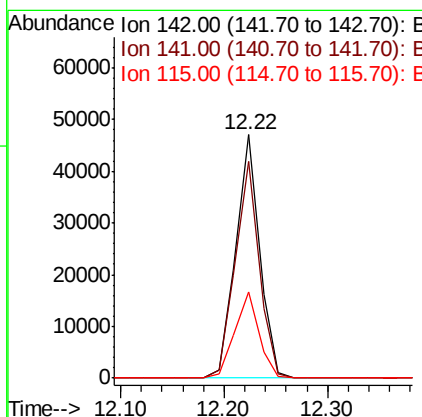
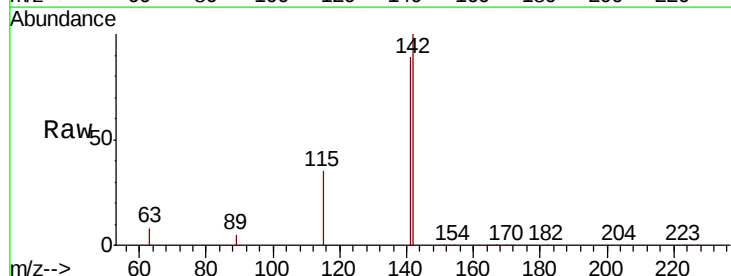
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

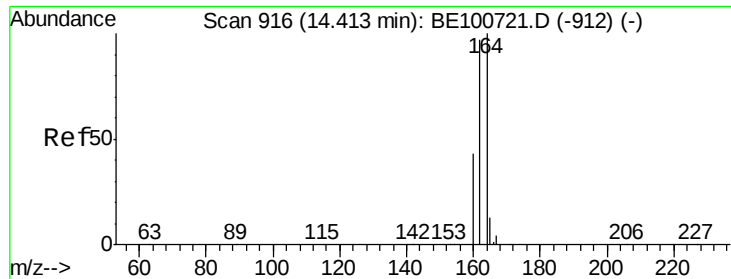
Tot Ion:152 Resp: 67488
 Ion Ratio Lower Upper
 152 100
 151 19.0 14.2 21.4



#12
 2-Methylnaphthalene
 Concen: 5.119 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE100726.D
 Acq: 14 Nov 2019 18:15

Tgt Ion:142 Resp: 74940
 Ion Ratio Lower Upper
 142 100
 141 89.1 73.3 109.9
 115 35.2 29.9 44.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

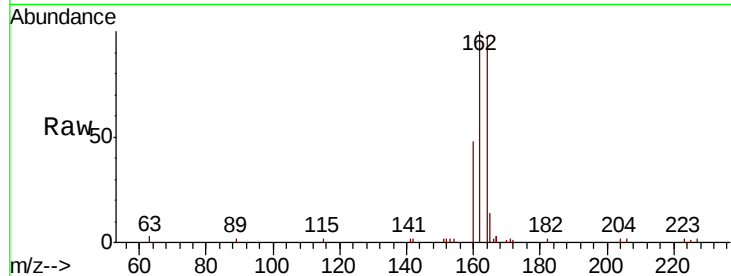
Tot Ion:164 Resp: 5403

Ion Ratio Lower Upper

164 100

162 103.6 77.8 116.8

160 49.6 35.3 52.9

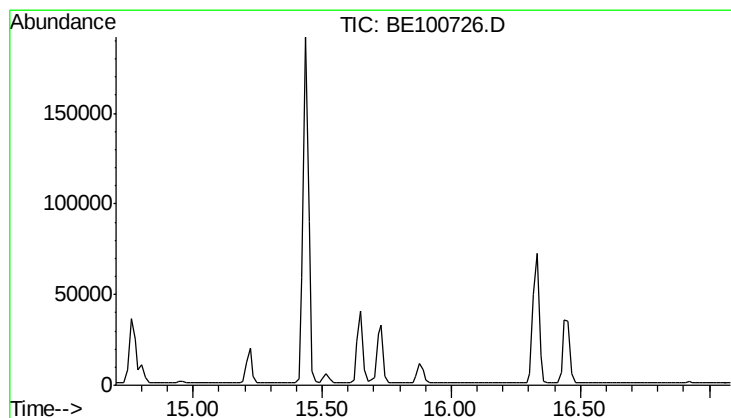
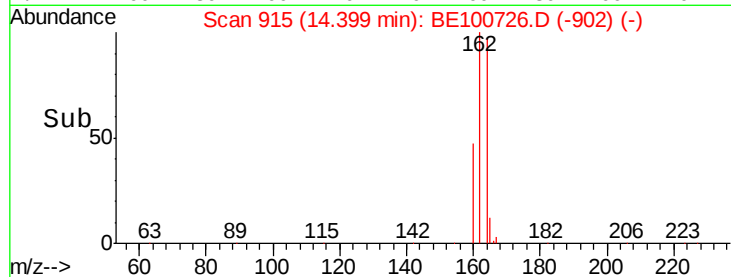
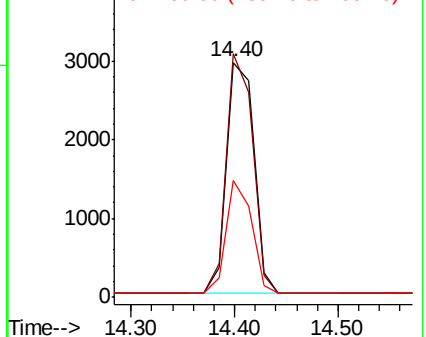


Abundance

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: 0.000 ng

Expected RT: 15.89 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

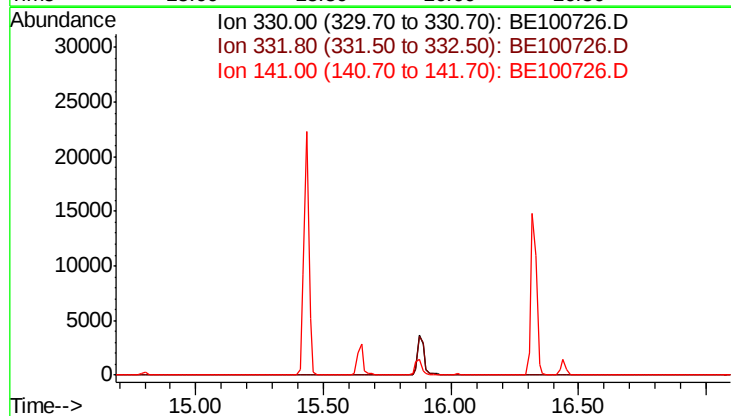
Tgt Ion: 330

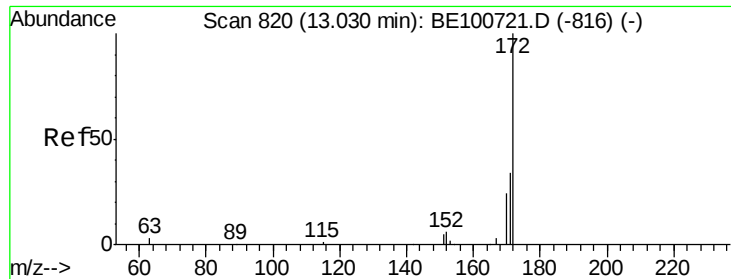
Sig Exp Ratio

330 100

332 106.3

141 35.2

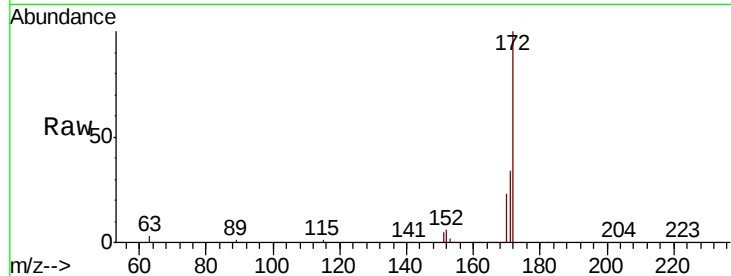




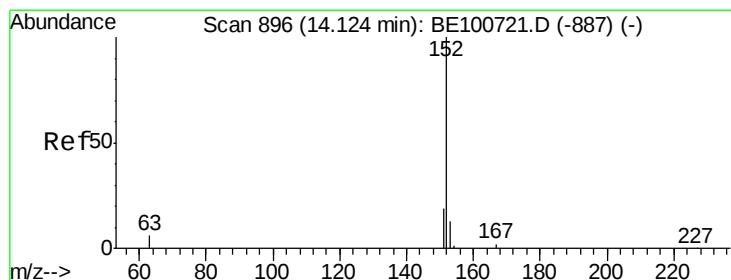
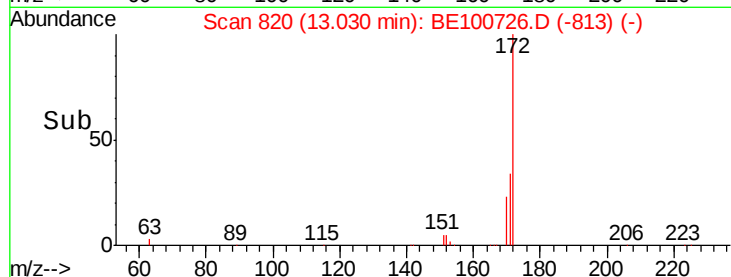
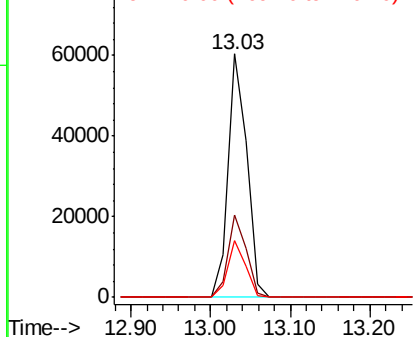
#15
2-Fluorobiphenyl
Concen: 4.983 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:172 Resp: 98100
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 23.5 19.8 29.6

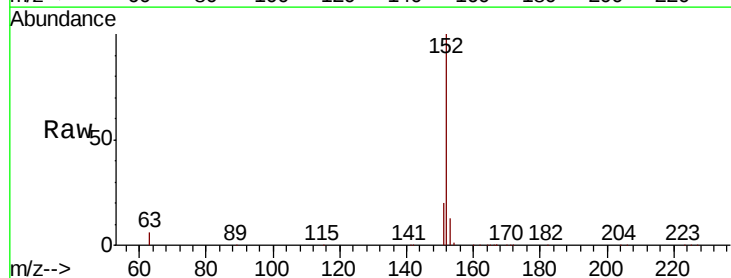


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

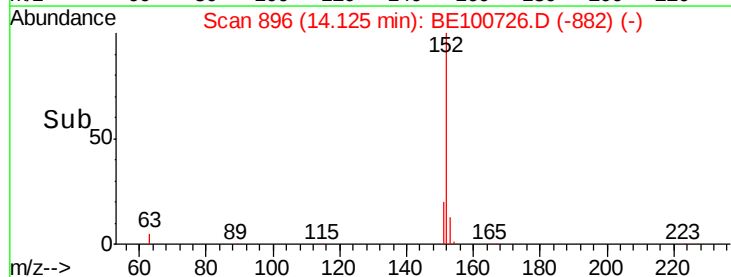
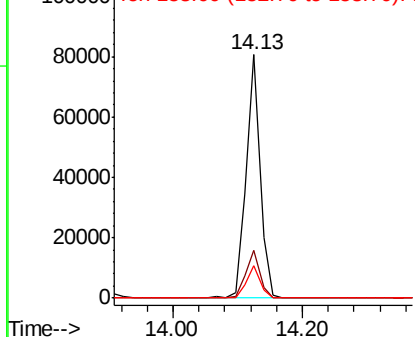


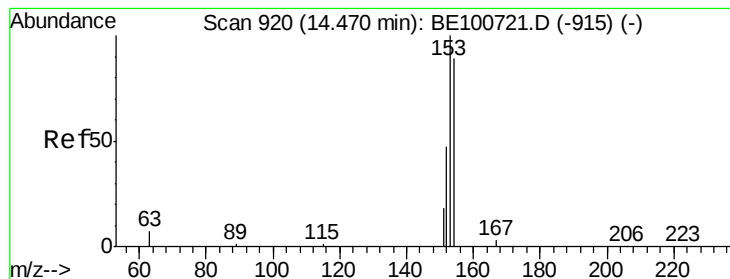
#16
Acenaphthylene
Concen: 5.180 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:152 Resp: 120432
Ion Ratio Lower Upper
152 100
151 19.7 14.9 22.3
153 13.1 10.7 16.1



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: 4.907 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

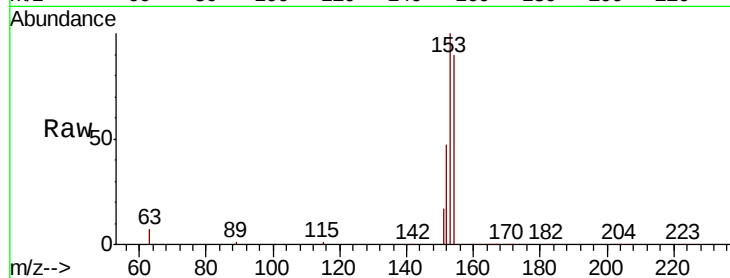
Tot Ion:154 Resp: 73729

Ion Ratio Lower Upper

154 100

153 113.6 91.9 137.9

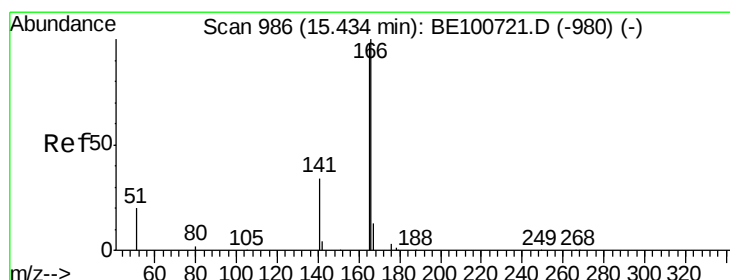
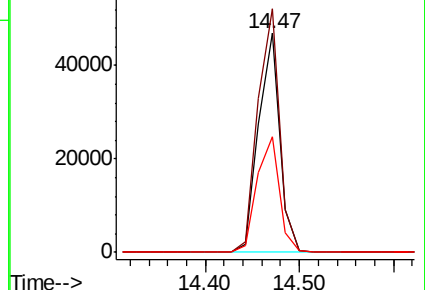
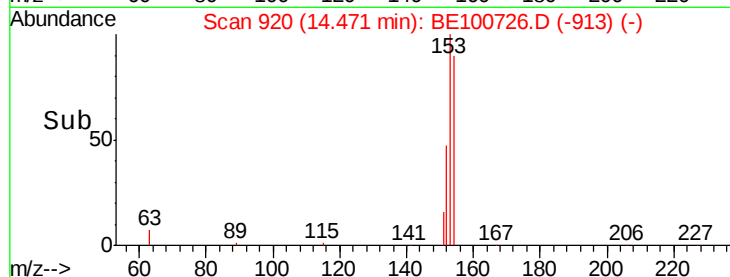
152 55.3 44.8 67.2



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: 5.087 ng

RT: 15.43 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

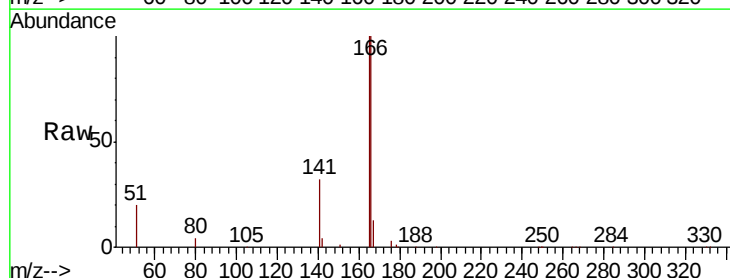
Tgt Ion:166 Resp: 101515

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.4

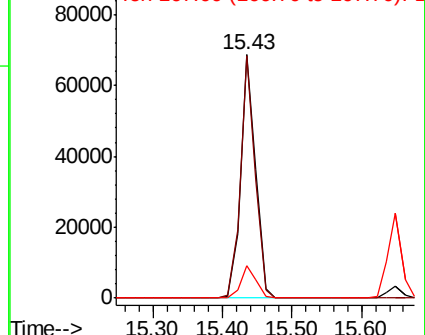
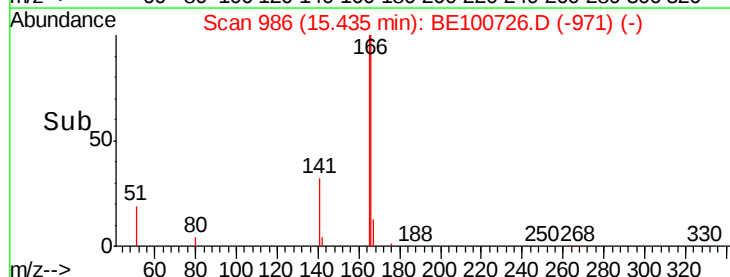
167 13.4 10.6 16.0

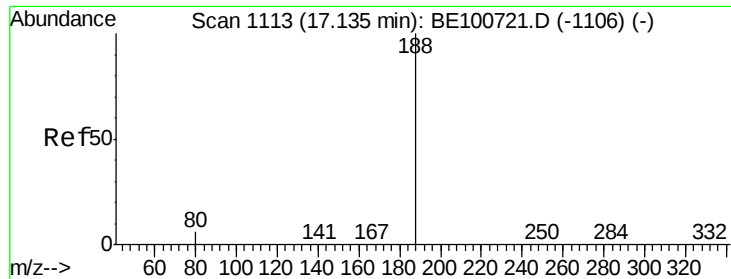


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

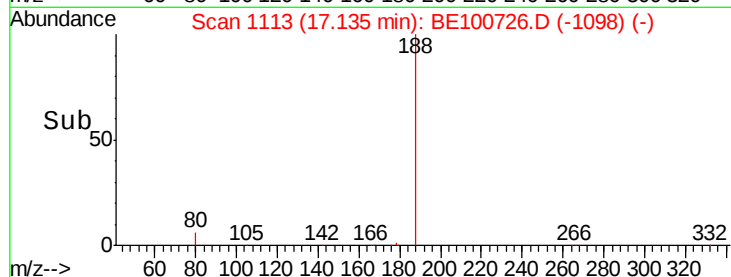
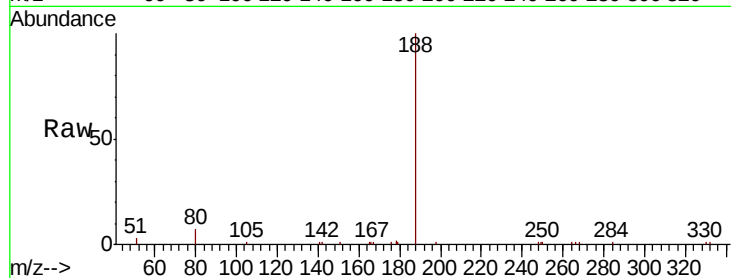
Tot Ion:188 Resp: 12113

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

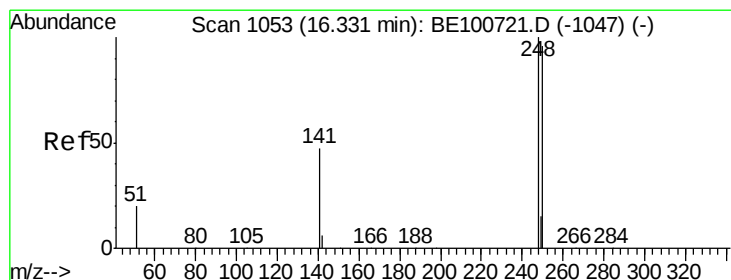
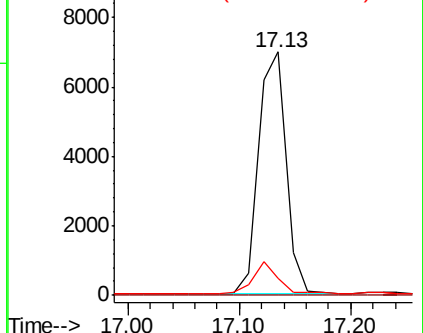
80 7.2 5.4 8.0



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: 5.623 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

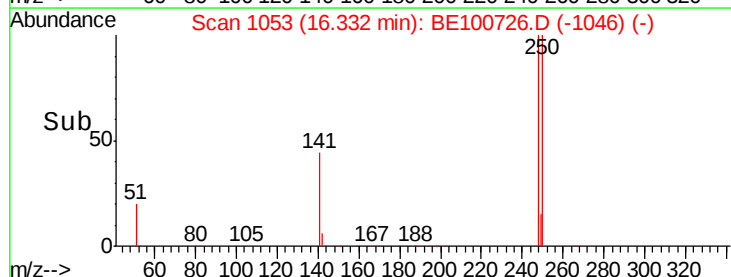
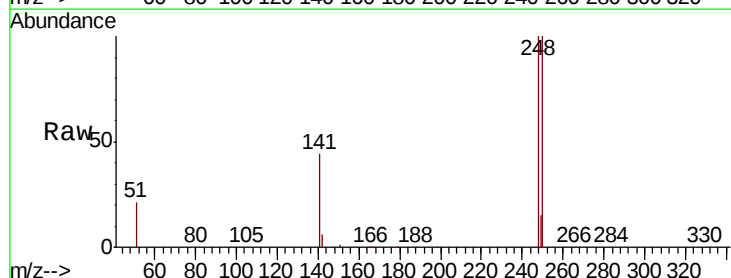
Tgt Ion:248 Resp: 34655

Ion Ratio Lower Upper

248 100

250 99.9 77.1 115.7

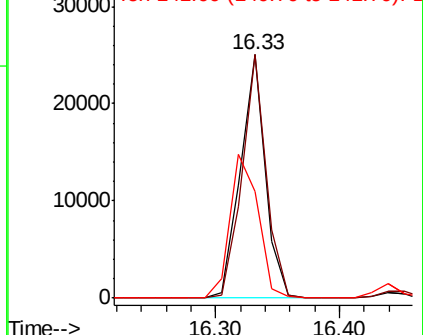
141 43.7 38.6 58.0

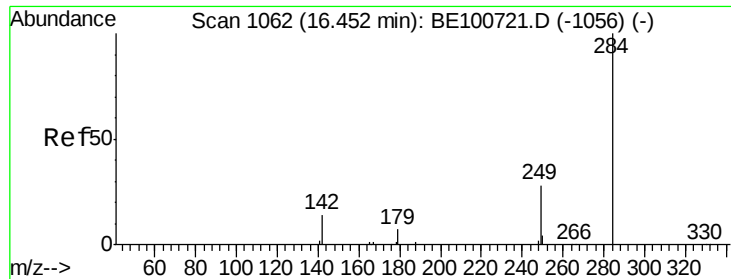


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.634 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

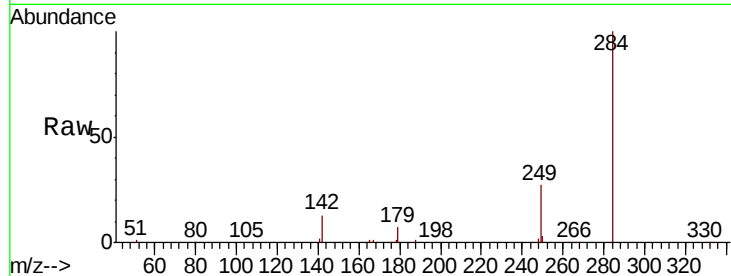
Tot Ion:284 Resp: 33087

Ion Ratio Lower Upper

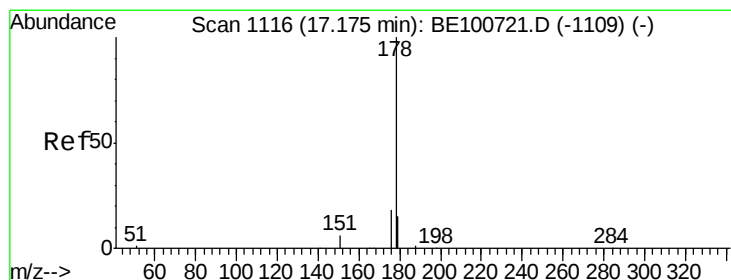
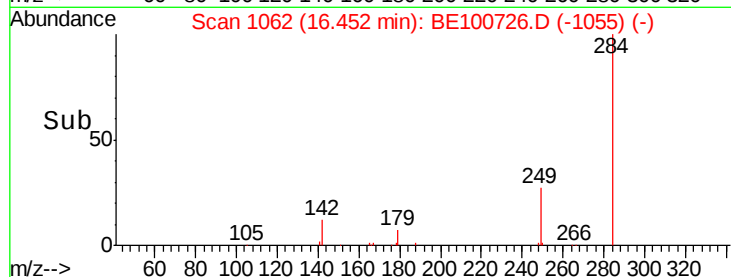
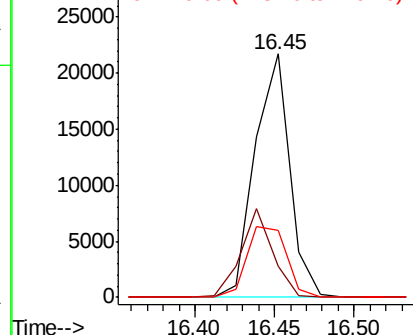
284 100

142 32.8 28.2 42.2

249 32.8 26.5 39.7



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



#23

Phenanthrene

Concen: 5.173 ng

RT: 17.18 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

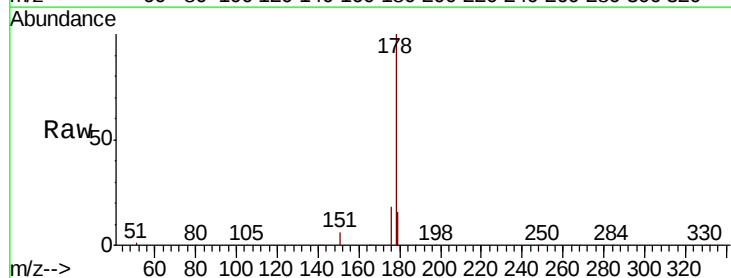
Tgt Ion:178 Resp: 172367

Ion Ratio Lower Upper

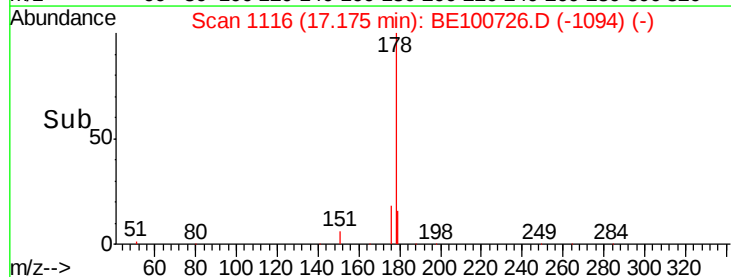
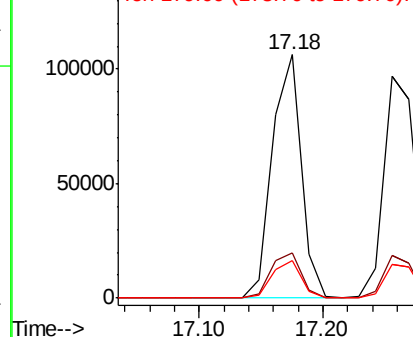
178 100

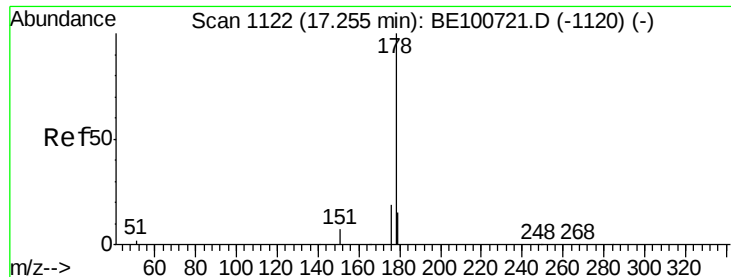
176 19.1 15.0 22.4

179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 5.407 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

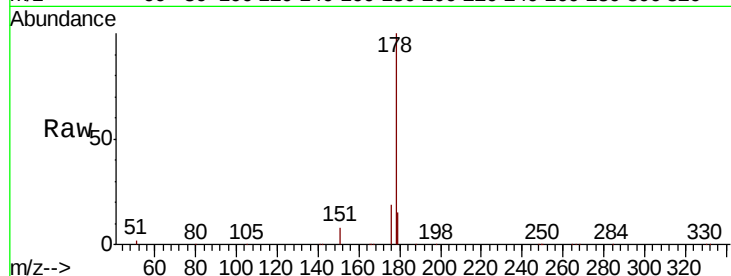
Tot Ion:178 Resp: 167153

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.4 12.6 18.8



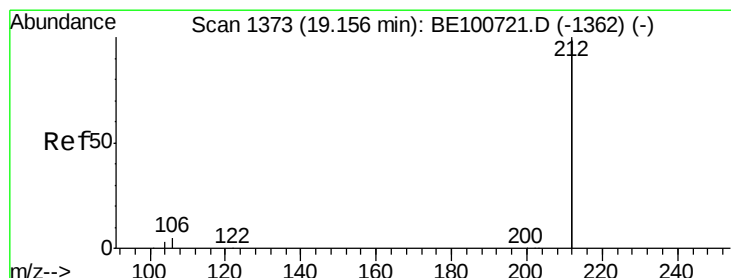
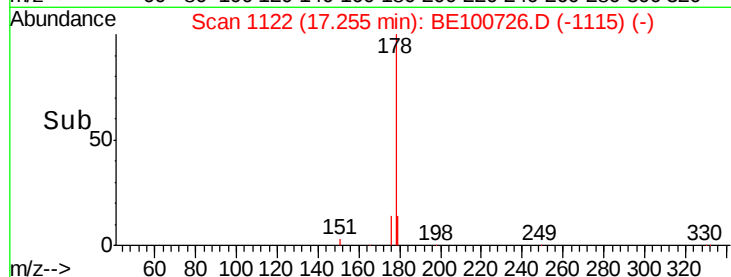
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

100000 17.26

50000

0

Time-->



#25

Fluoranthene-d10

Concen: 5.516 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

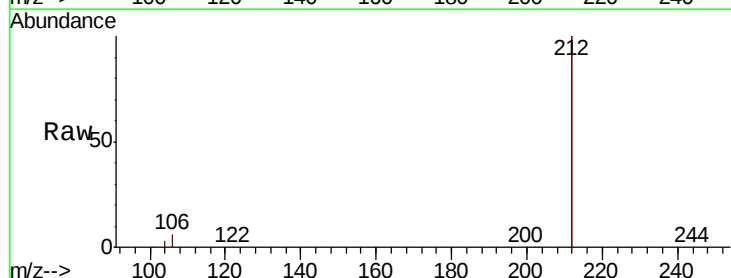
Tgt Ion:212 Resp: 862192

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.4

104 1.6 1.2 1.8



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

800000 19.16

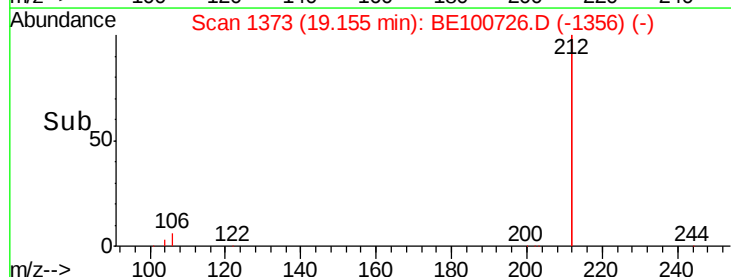
600000

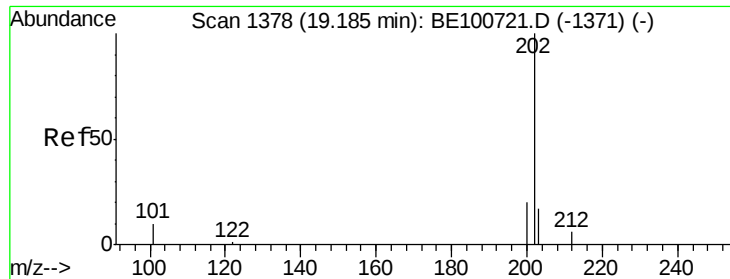
400000

200000

0

Time-->

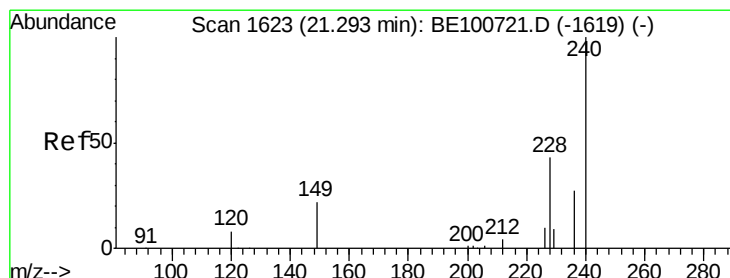
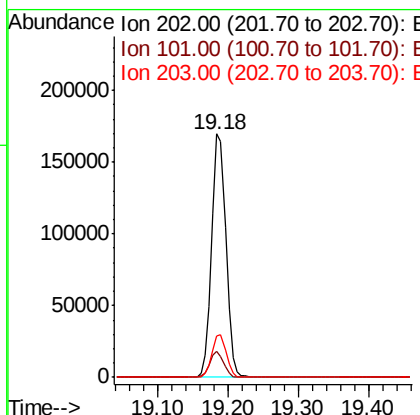
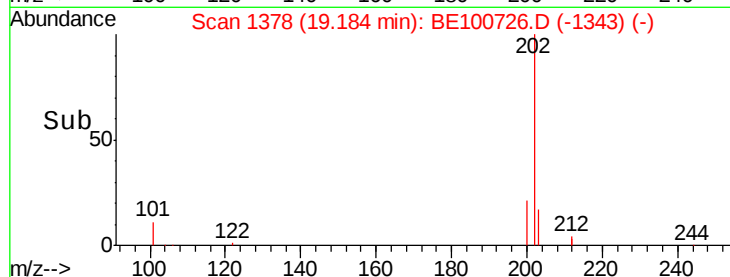
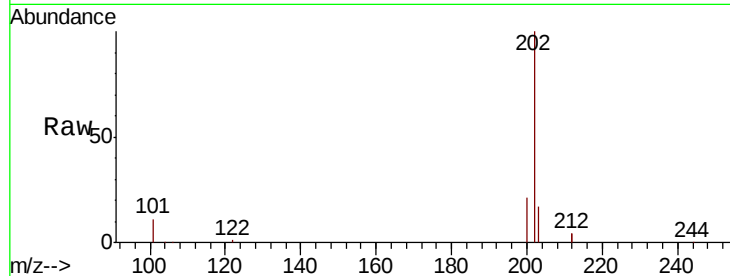




#26
Fluoranthene
Concen: 5.469 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

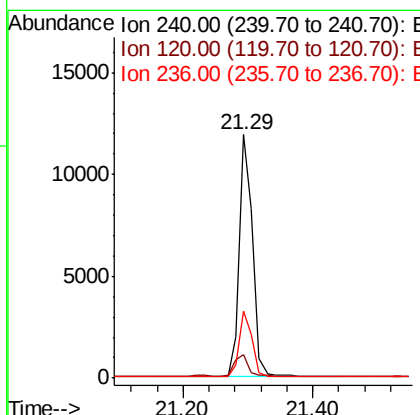
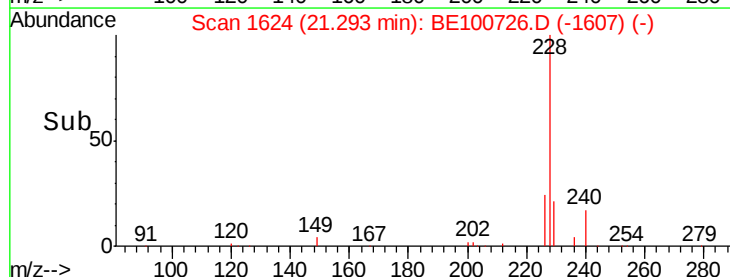
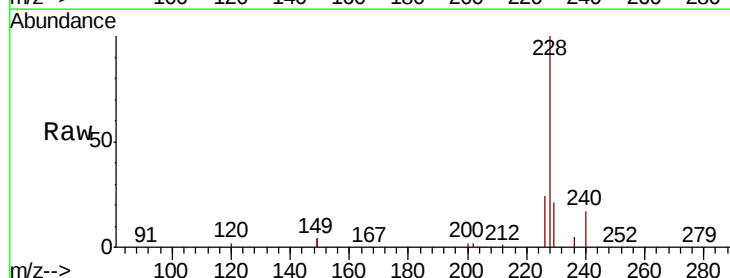
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

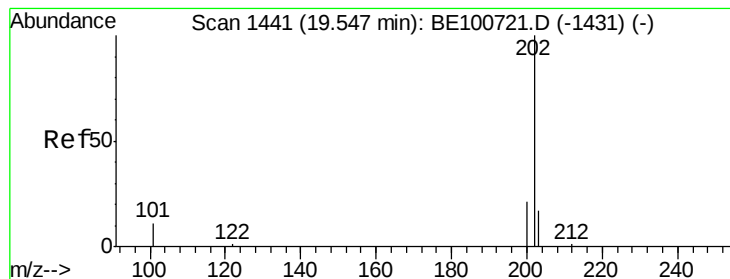
Tot Ion:202 Resp: 237818
Ion Ratio Lower Upper
202 100
101 10.5 8.6 12.8
203 17.5 13.6 20.4



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:240 Resp: 17099
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 27.3 21.8 32.6





#28

Pvrene

Concen: 5.080 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

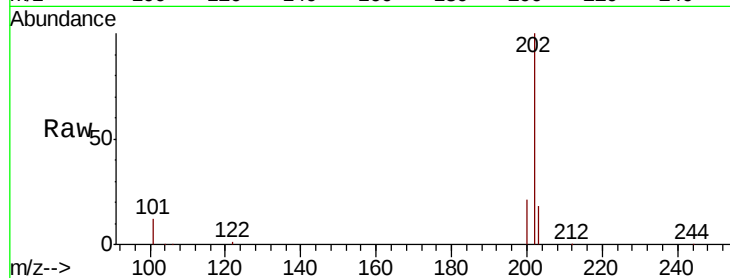
Tot Ion:202 Resp: 242661

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

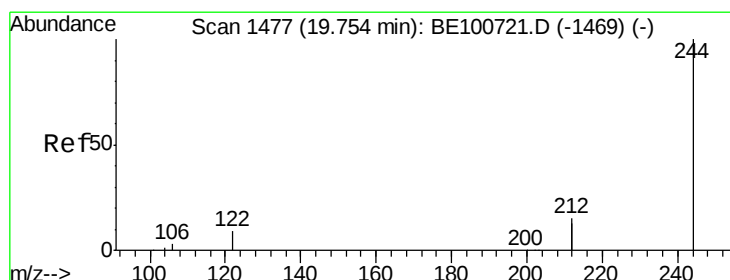
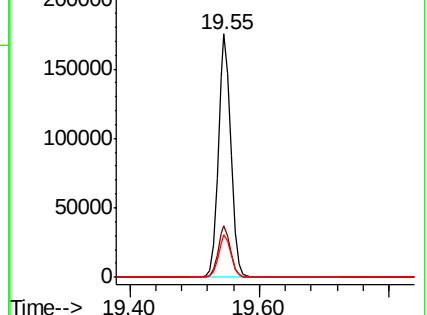
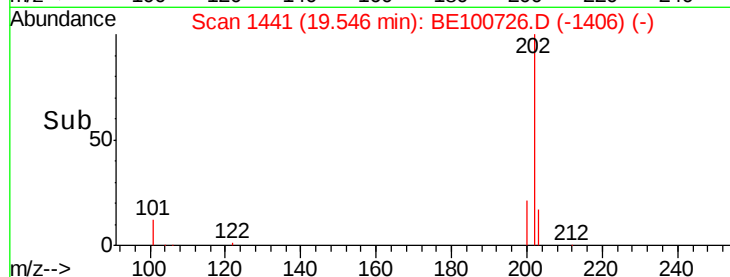
203 17.5 14.0 21.0



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: 5.481 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

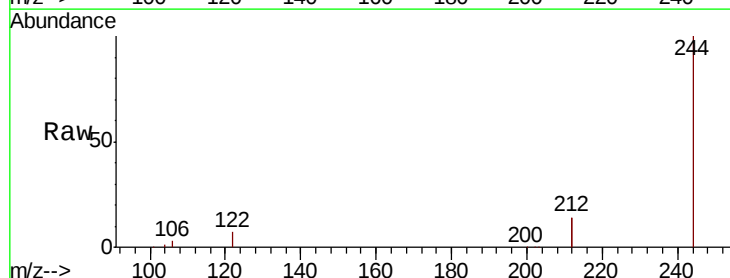
Tgt Ion:244 Resp: 204887

Ion Ratio Lower Upper

244 100

212 27.9 24.3 36.5

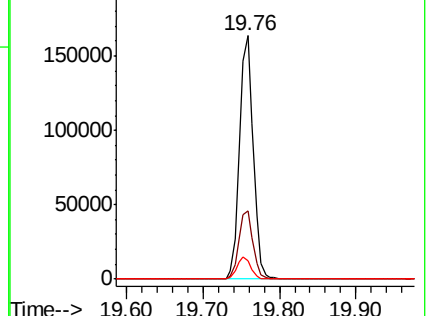
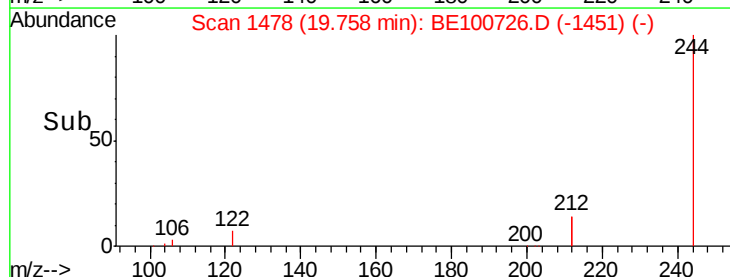
122 7.5 7.6 11.4#

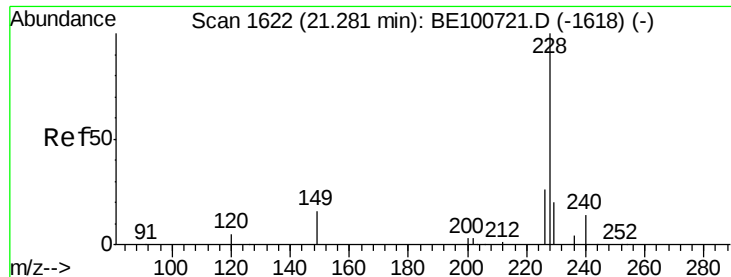


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

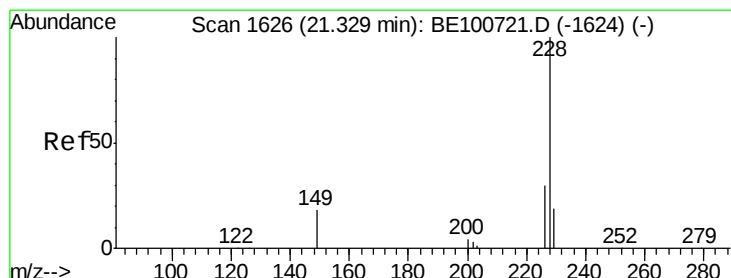
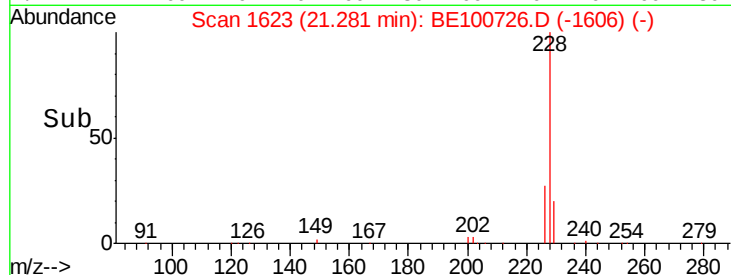
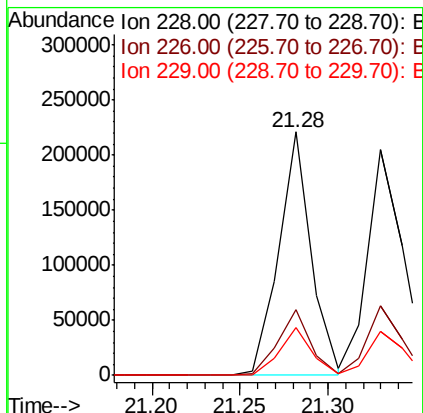
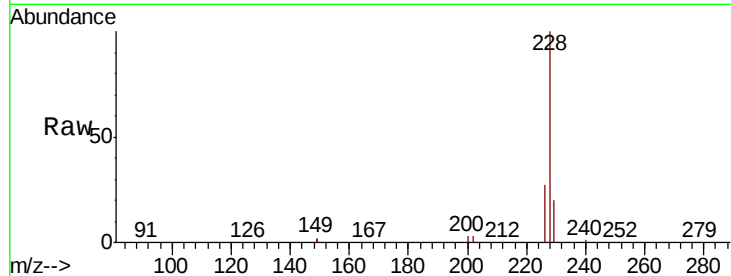




#30
Benzo(a)anthracene
Concen: 5.066 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

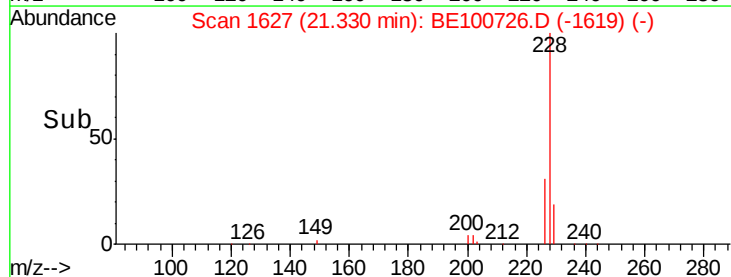
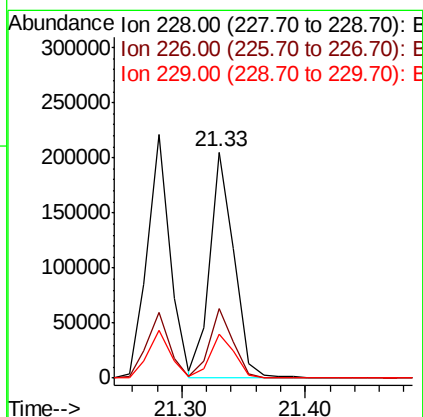
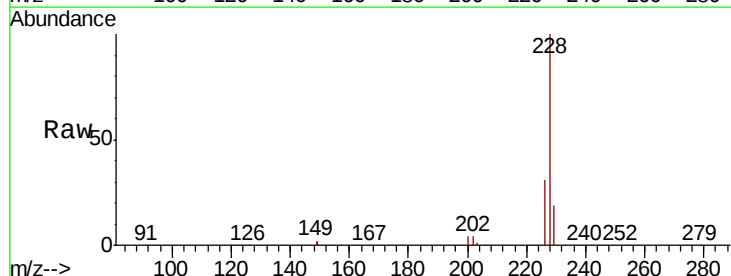
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

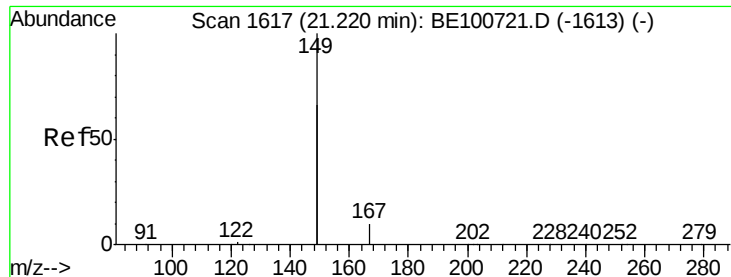
Tot Ion:228 Resp: 282597
Ion Ratio Lower Upper
228 100
226 27.0 21.1 31.7
229 19.9 15.9 23.9



#31
Chrysene
Concen: 5.003 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:228 Resp: 278886
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 19.3 15.5 23.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 4.544 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

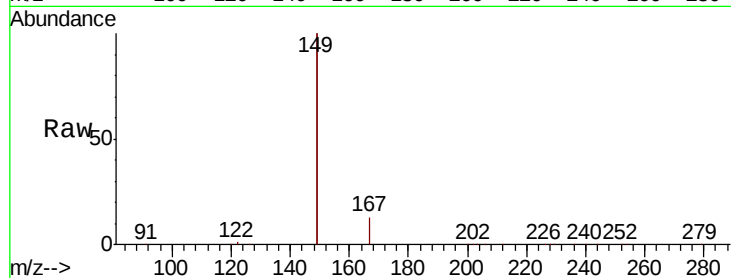
Tot Ion:149 Resp: 530139

Ion Ratio Lower Upper

149 100

167 7.0 5.2 7.8

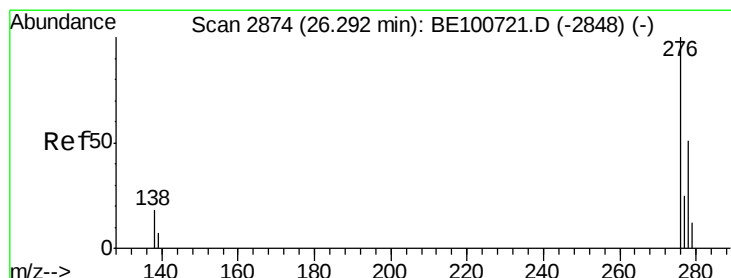
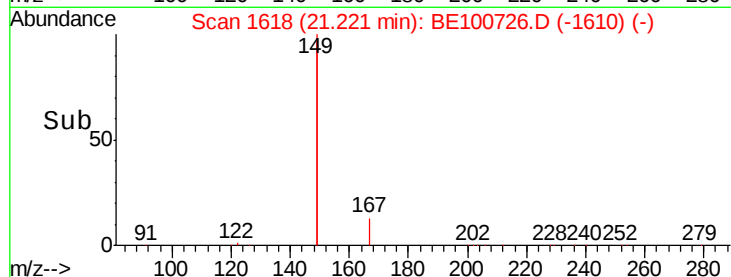
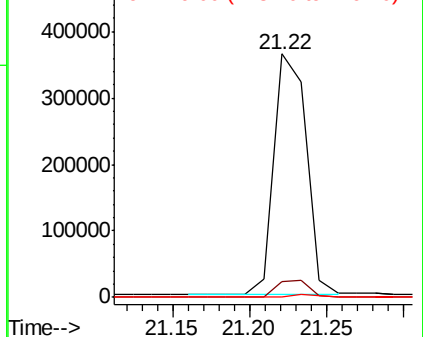
279 1.1 0.9 1.3



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: 4.853 ng

RT: 26.30 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

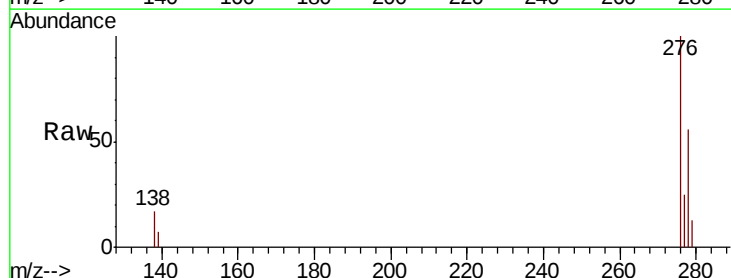
Tgt Ion:276 Resp: 332488

Ion Ratio Lower Upper

276 100

138 18.4 14.8 22.2

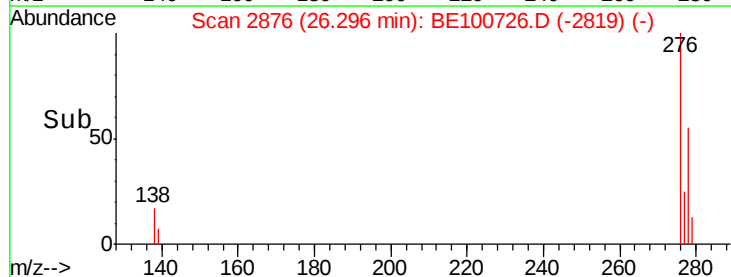
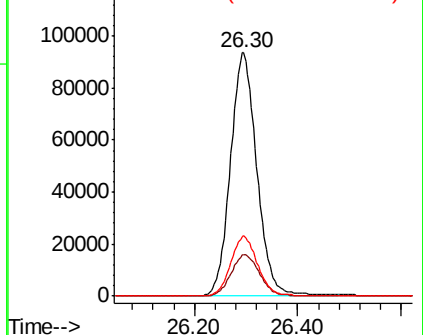
277 25.0 19.6 29.4

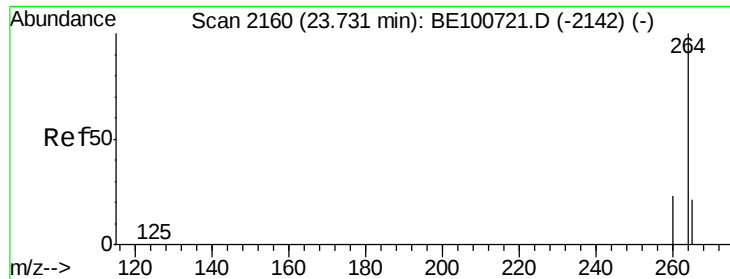


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

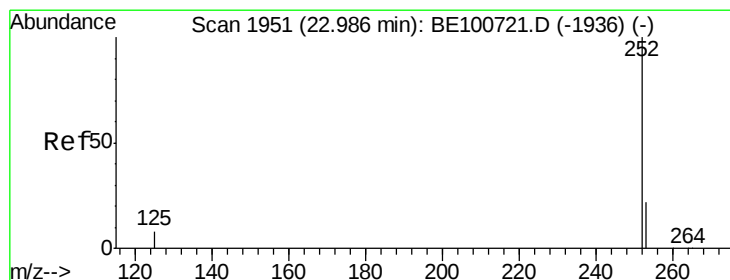
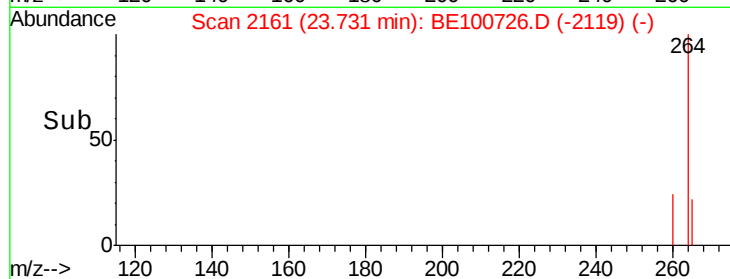
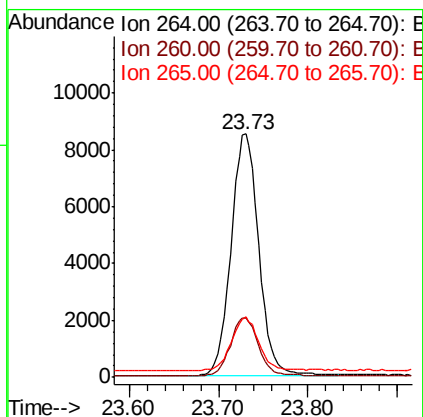
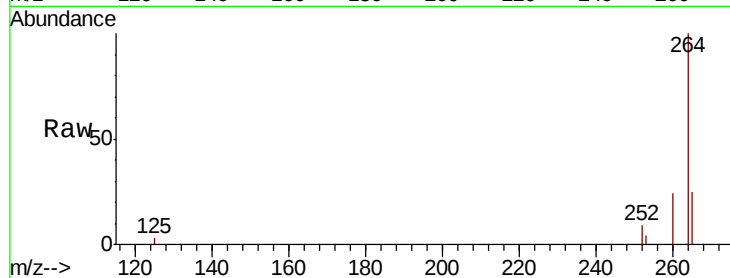




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

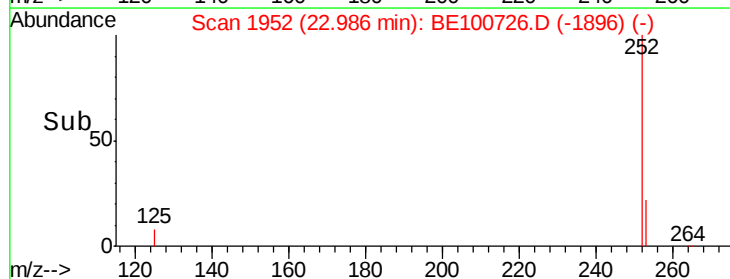
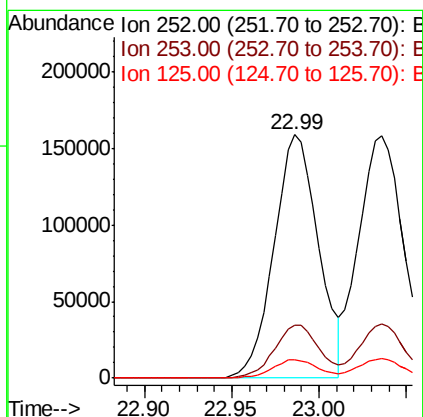
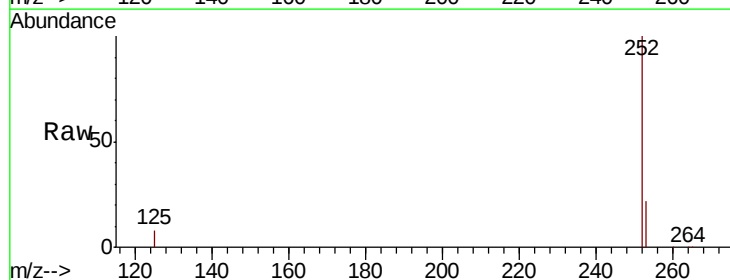
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

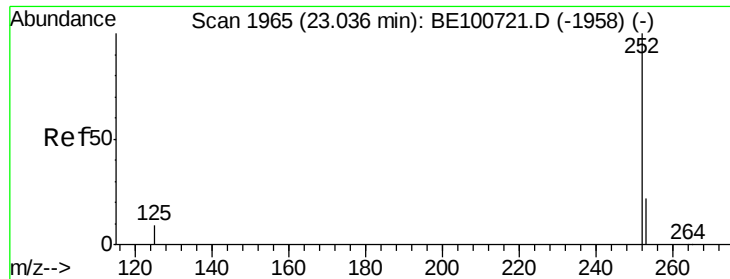
Tot Ion:264 Resp: 18413
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 24.6 19.7 29.5



#35
Benzo(b)fluoranthene
Concen: 5.225 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:252 Resp: 280539
Ion Ratio Lower Upper
252 100
253 21.9 18.7 28.1
125 7.6 7.0 10.4

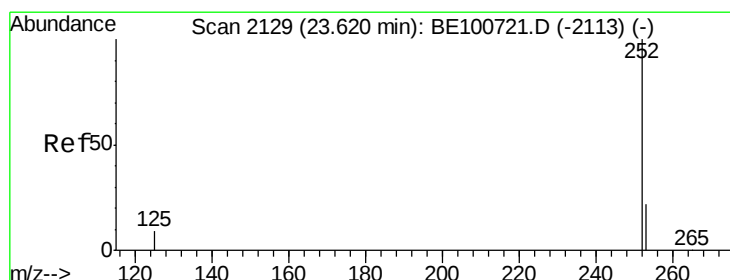
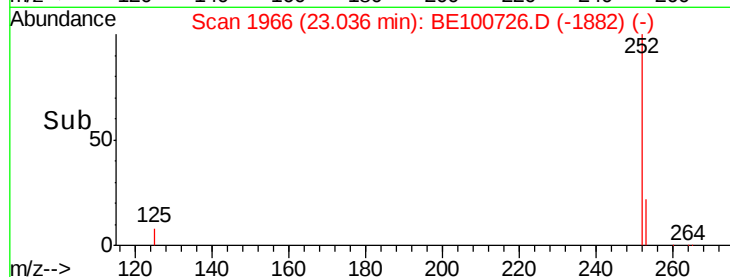
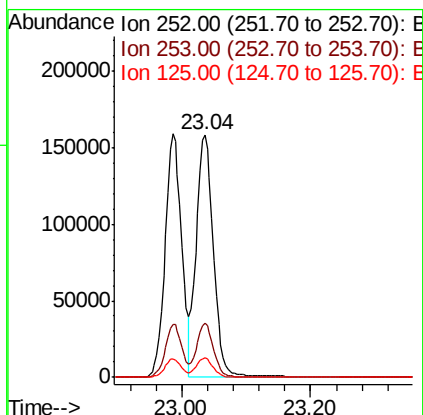
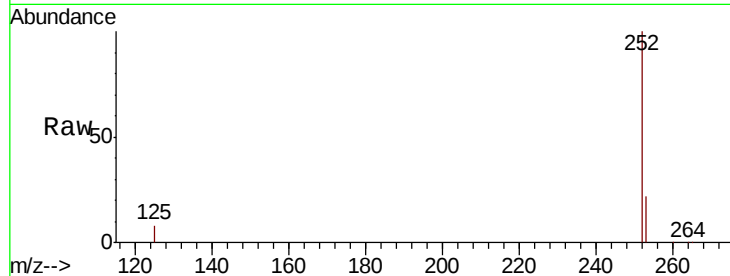




#36
Benzo(k)fluoranthene
Concen: 5.280 ng
RT: 23.04 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

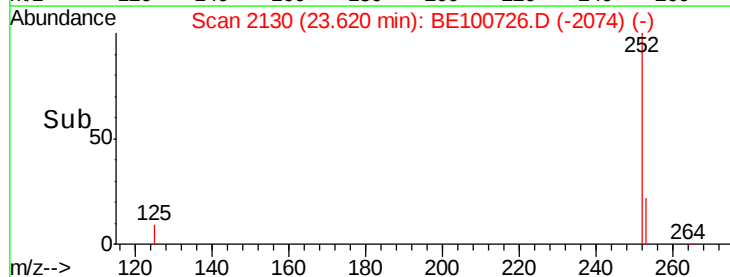
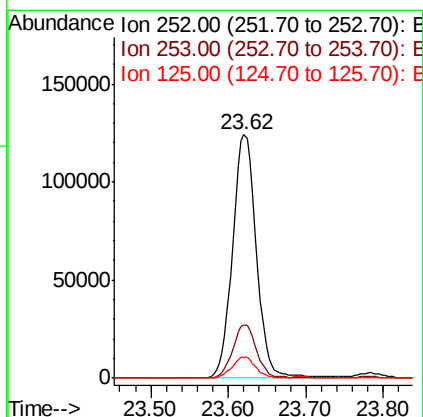
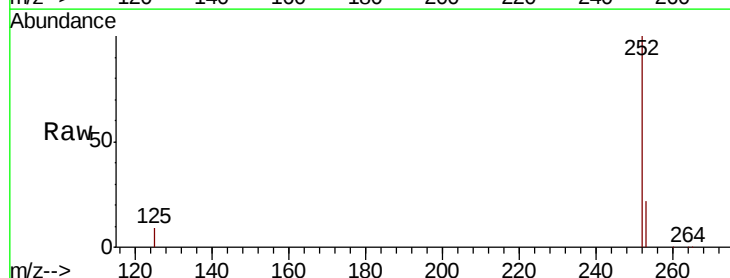
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

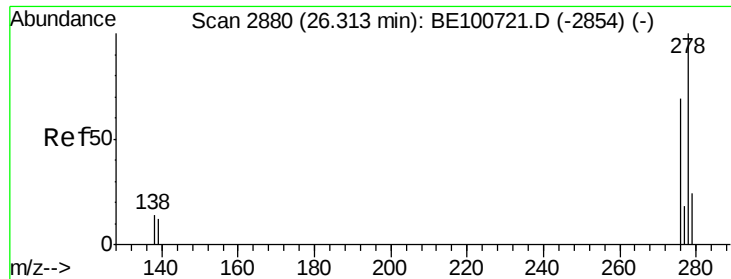
Tot Ion:252 Resp: 291551
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 7.8 7.6 11.4



#37
Benzo(a)pyrene
Concen: 5.269 ng
RT: 23.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BE100726.D
Acq: 14 Nov 2019 18:15

Tgt Ion:252 Resp: 263312
Ion Ratio Lower Upper
252 100
253 22.0 18.6 28.0
125 8.6 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 5.379 ng

RT: 26.32 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

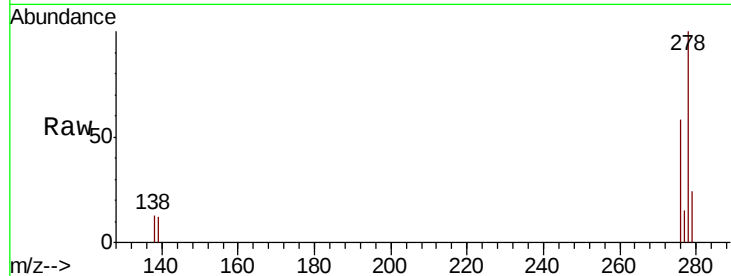
Tot Ion:278 Resp: 277862

Ion Ratio Lower Upper

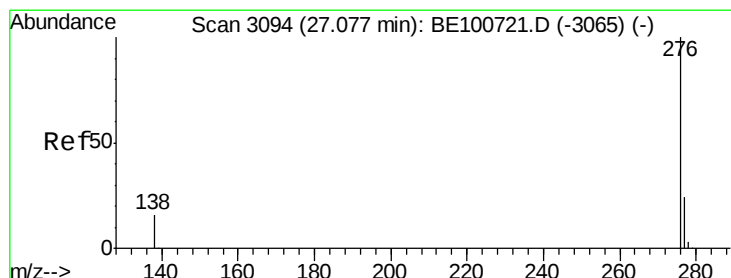
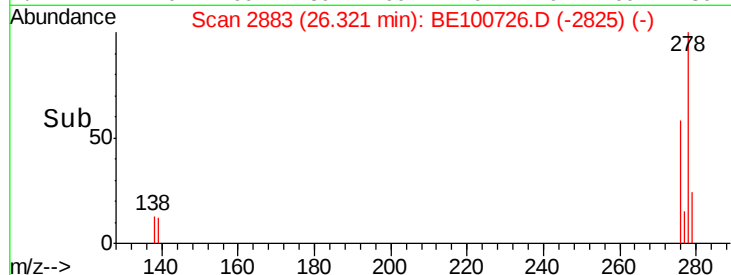
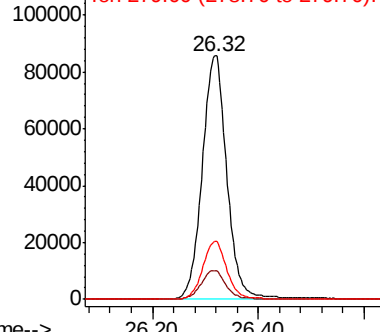
278 100

139 11.7 10.3 15.5

279 23.7 20.6 31.0



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(g,h,i)perylene

Concen: 5.144 ng

RT: 27.07 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BE100726.D

Acq: 14 Nov 2019 18:15

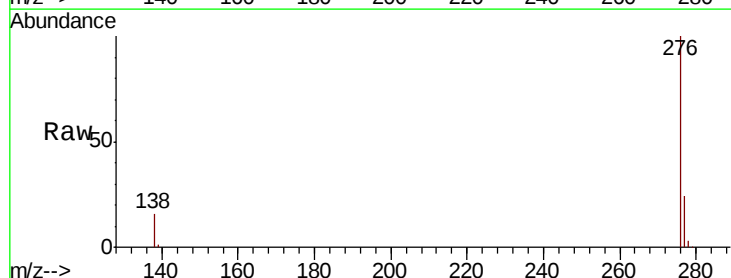
Tgt Ion:276 Resp: 267237

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.6

138 15.9 13.6 20.4



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

