

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100319\
 Data File : BE100595.D
 Acq On : 3 Oct 2019 13:58
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 03 15:38:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 15:15:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3224	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14398	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8168	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	18239	0.40	ng	0.00
27) Chrysene-d12	21.35	240	24119	0.40	ng	0.00
34) Perylene-d12	23.81	264	28641	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	1629	0.19	ng	0.00
5) Phenol-d6	7.00	99	1929	0.17	ng	0.01
8) Nitrobenzene-d5	8.98	82	1621	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	4062	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	297	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5716	0.19	ng	0.01
25) Fluoranthene-d10	19.21	212	41318	0.18	ng	0.00
29) Terphenyl-d14	19.81	244	9937	0.19	ng	0.00

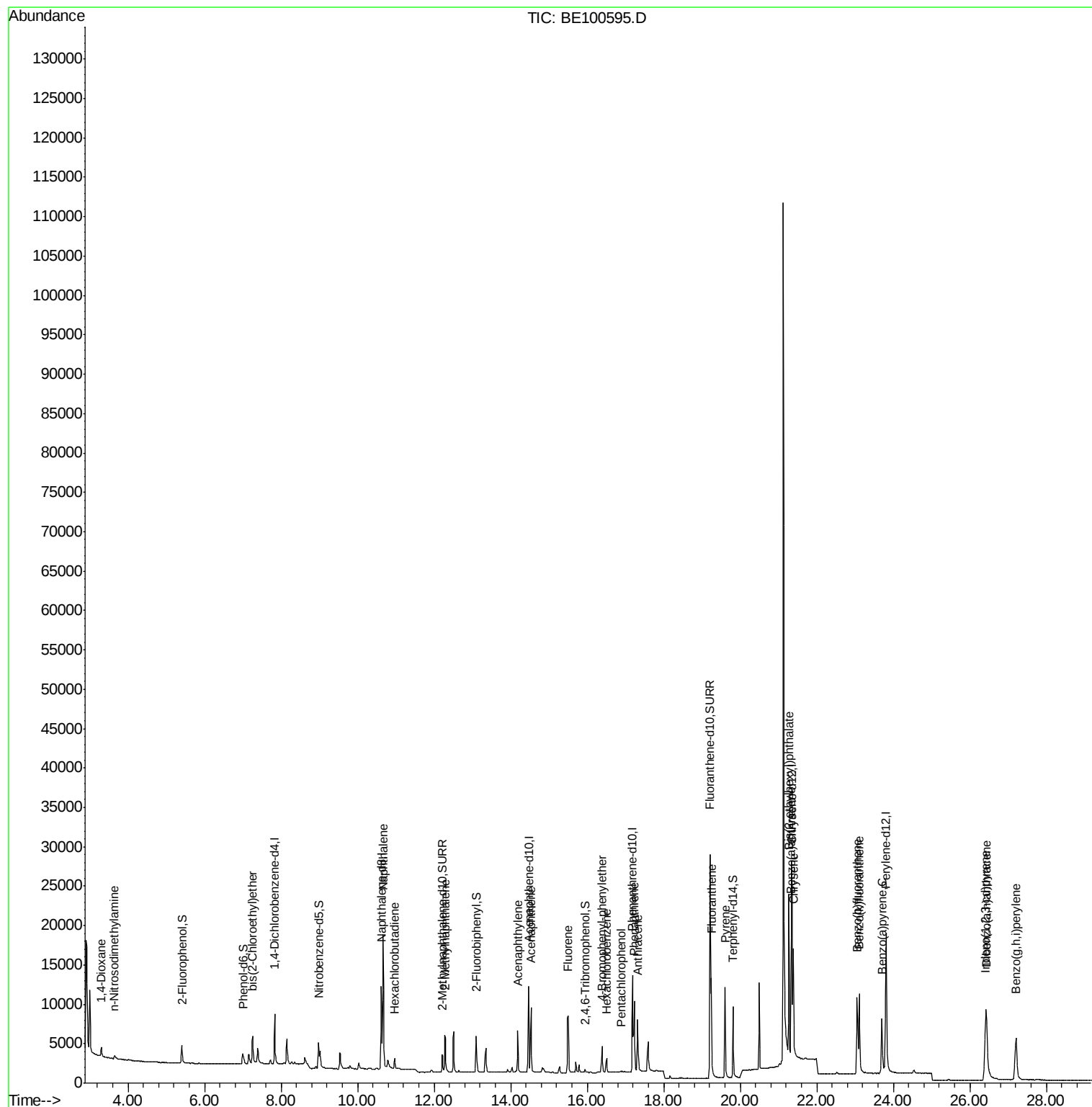
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1321	0.266	ng	90
3) n-Nitrosodimethylamine	3.64	42	390	0.154	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	1936	0.185	ng	95
9) Naphthalene	10.67	128	28812	0.194	ng	99
10) Hexachlorobutadiene	10.97	225	945	0.201	ng	96
12) 2-Methylnaphthalene	12.28	142	4531	0.186	ng	98
16) Acenaphthylene	14.18	152	6227	0.179	ng	100
17) Acenaphthene	14.53	154	4370	0.188	ng	100
18) Fluorene	15.50	166	5457	0.186	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1683	0.189	ng	95
21) Hexachlorobenzene	16.51	284	1470	0.200	ng	99
22) Pentachlorophenol	16.88	266	206	0.094	ng	93
23) Phenanthrene	17.23	178	9732	0.188	ng	100
24) Anthracene	17.32	178	7785	0.174	ng	99
26) Fluoranthene	19.24	202	11455	0.178	ng	99
28) Pyrene	19.60	202	11762	0.197	ng	100
30) Benzo(a)anthracene	21.33	228	12176	0.173	ng	98
31) Chrysene	21.39	228	14209	0.196	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	22746	0.120	ng	100
33) Indeno(1,2,3-cd)pyrene	26.41	276	16393	0.195	ng	100
35) Benzo(b)fluoranthene	23.06	252	14323	0.185	ng	98
36) Benzo(k)fluoranthene	23.11	252	16518	0.188	ng	98
37) Benzo(a)pyrene	23.70	252	13027	0.182	ng	97
38) Dibenzo(a,h)anthracene	26.44	278	13513	0.183	ng	99
39) Benzo(g,h,i)perylene	27.21	276	14131	0.190	ng	99

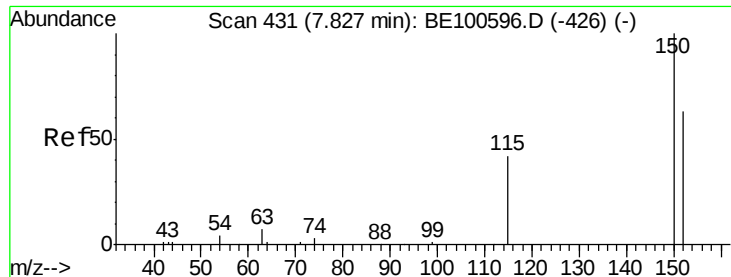
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 03 15:15:22 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

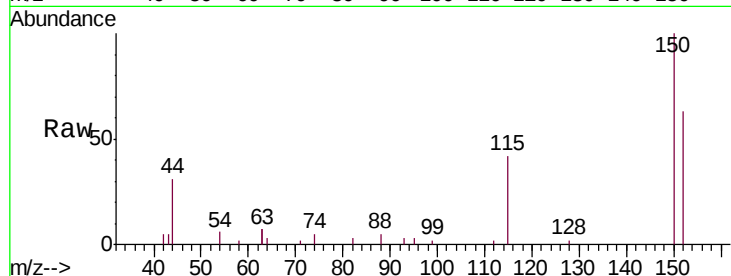
Tgt Ion:152 Resp: 3224

Ion Ratio Lower Upper

152 100

150 157.9 126.5 189.7

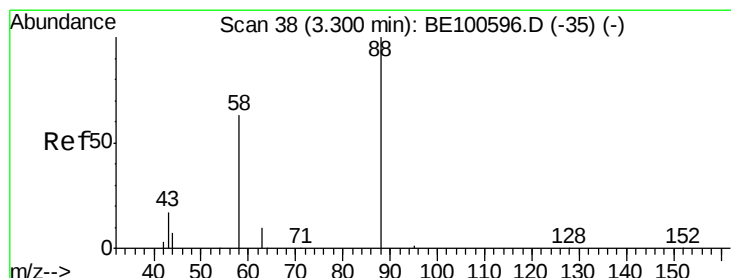
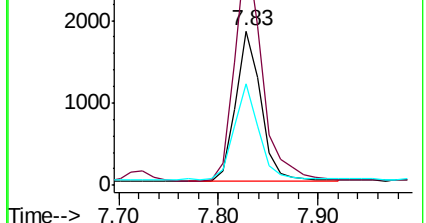
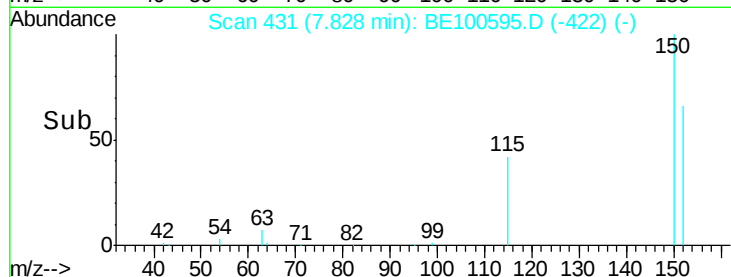
115 65.7 54.6 81.8



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: 0.266 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

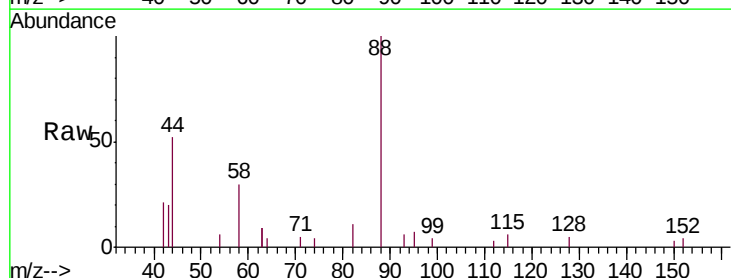
Tgt Ion: 88 Resp: 1321

Ion Ratio Lower Upper

88 100

58 51.5 48.1 72.1

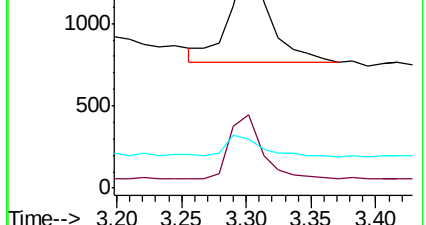
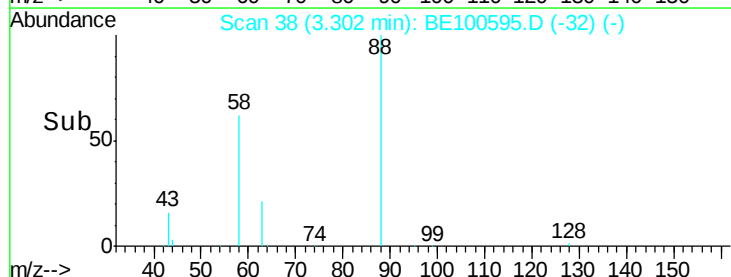
43 20.4 14.4 21.6

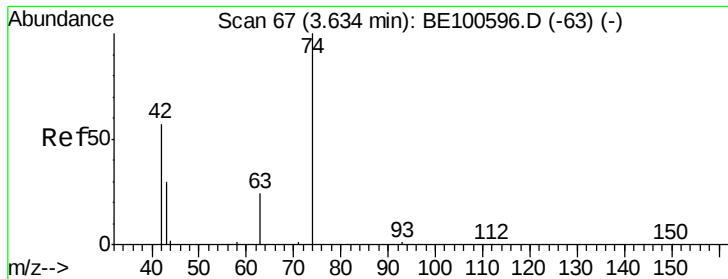


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.154 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

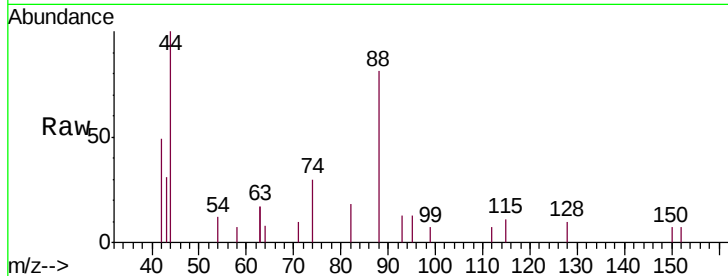
Tgt Ion: 42 Resp: 390

Ion Ratio Lower Upper

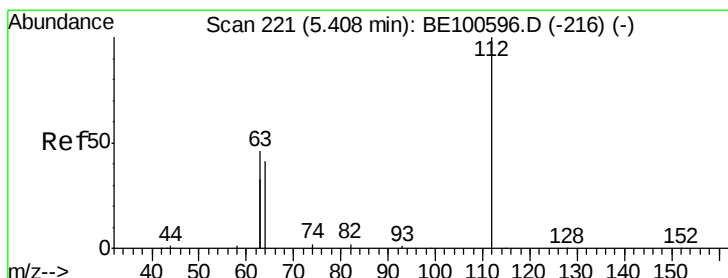
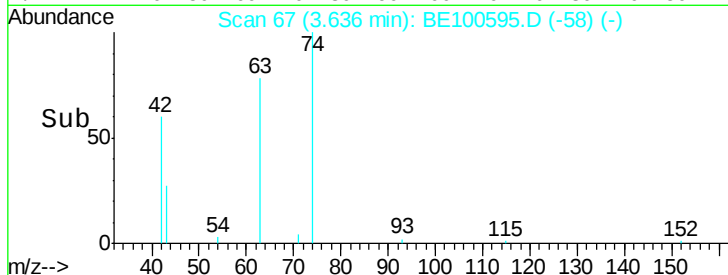
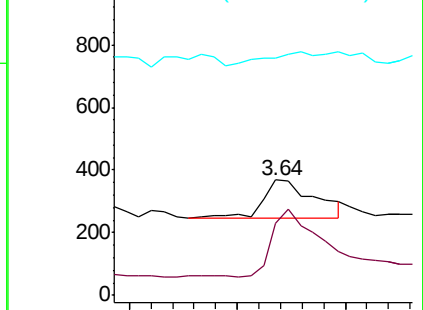
42 100

74 0.0 136.2 204.2#

44 0.0 7.4 11.0#



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: 0.185 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

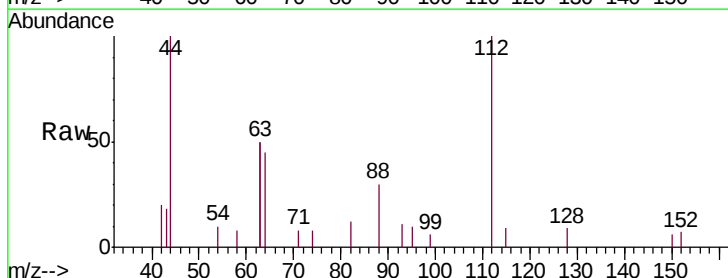
Tgt Ion: 112 Resp: 1629

Ion Ratio Lower Upper

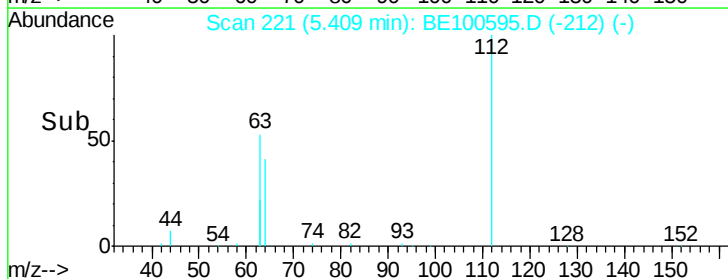
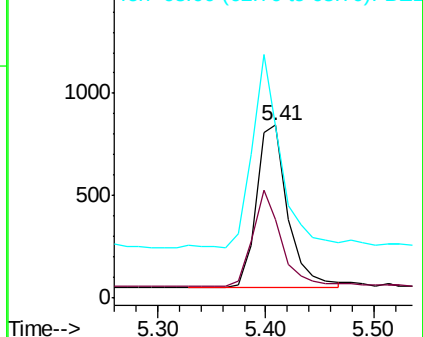
112 100

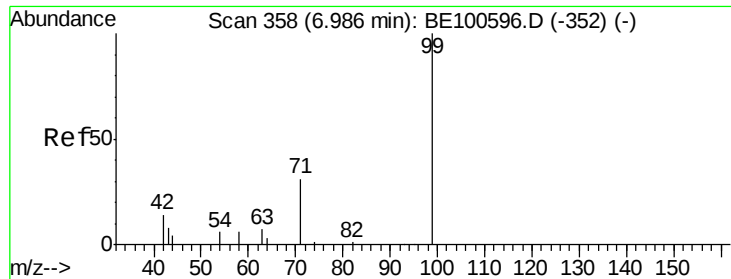
64 53.3 43.7 65.5

63 104.2 84.5 126.7



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





#5

Phenol-d6

Concen: 0.170 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

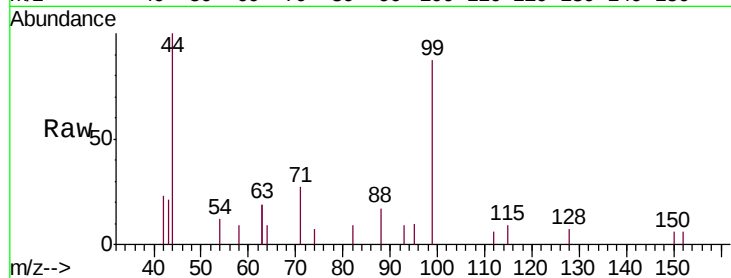
Tgt Ion: 99 Resp: 1929

Ion Ratio Lower Upper

99 100

42 14.9 11.7 17.5

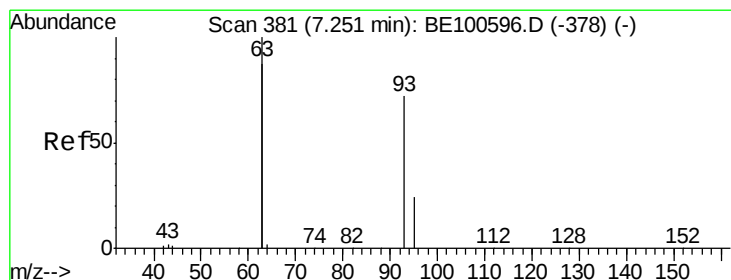
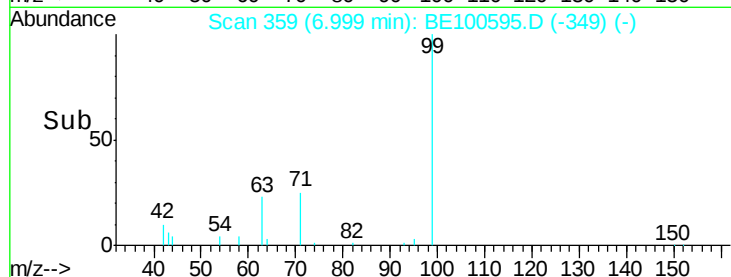
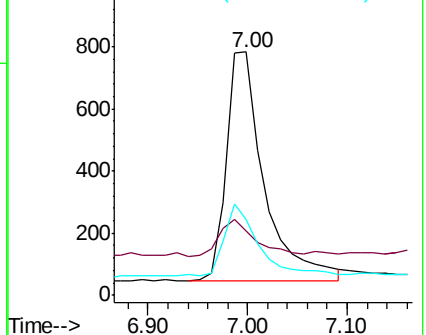
71 27.6 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.185 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

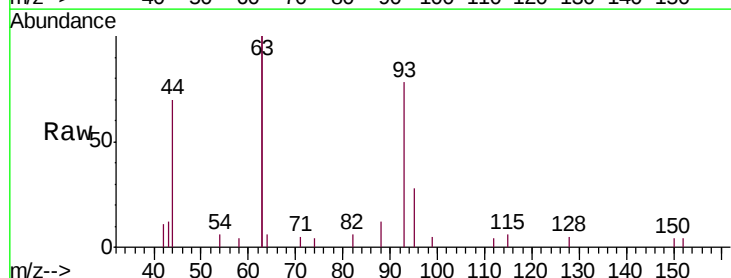
Tgt Ion: 93 Resp: 1936

Ion Ratio Lower Upper

93 100

63 267.0 221.0 331.4

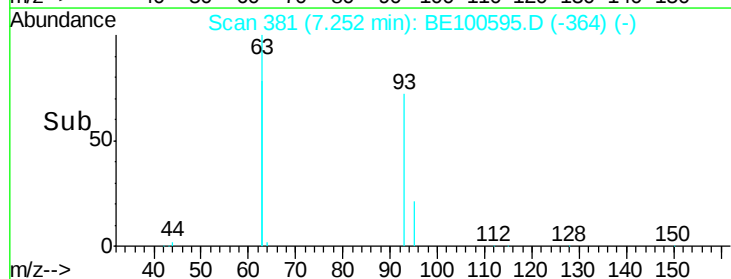
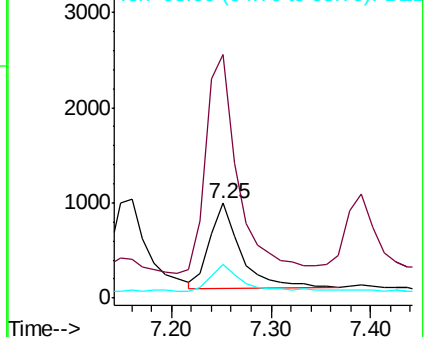
95 30.0 25.4 38.0

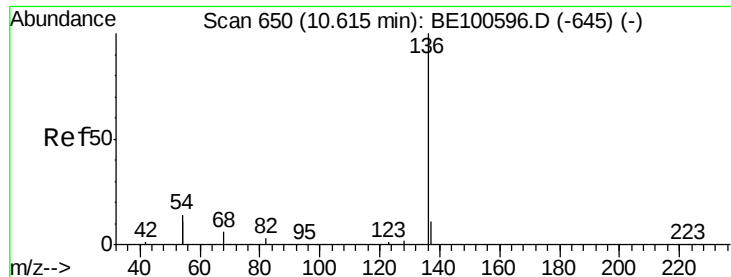


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tgt Ion:136 Resp: 14398

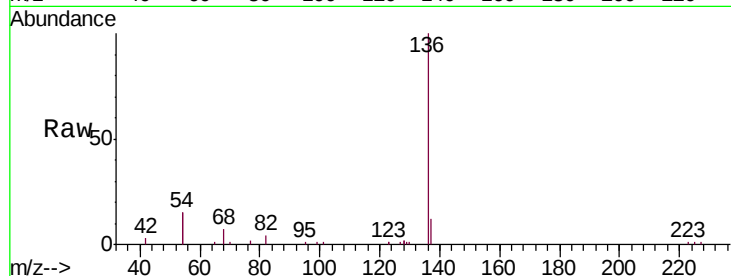
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 30.4 22.4 33.6

68 6.9 5.2 7.8

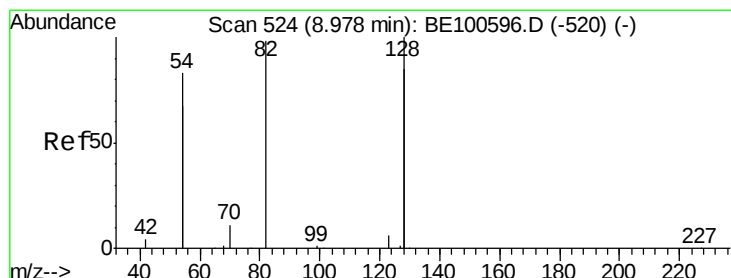
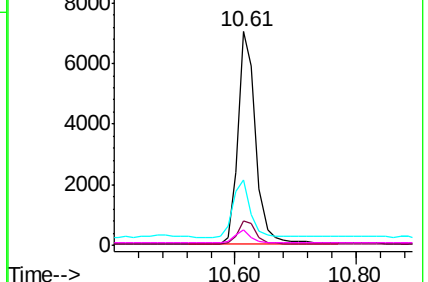
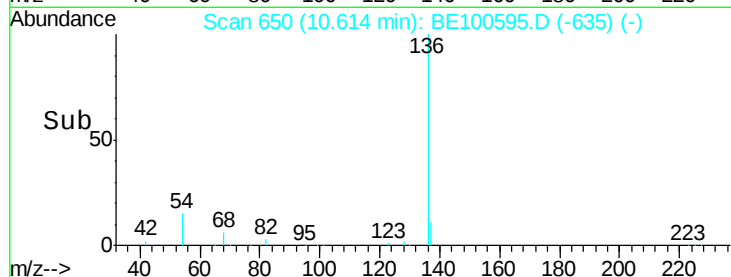


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.174 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

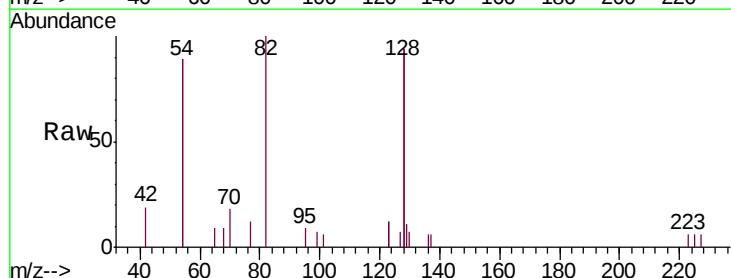
Tgt Ion: 82 Resp: 1621

Ion Ratio Lower Upper

82 100

128 187.2 154.7 232.1

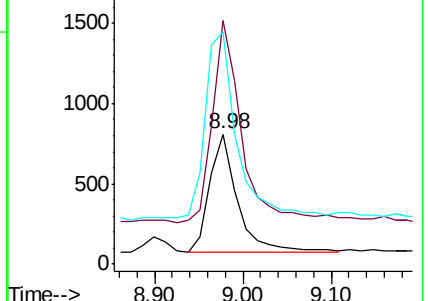
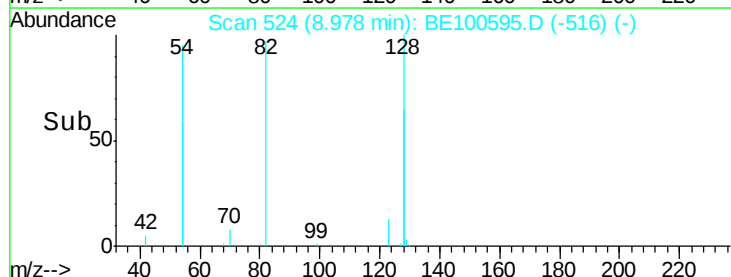
54 178.5 128.5 192.7

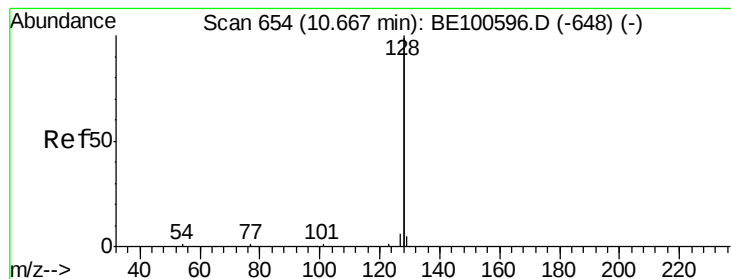


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.194 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

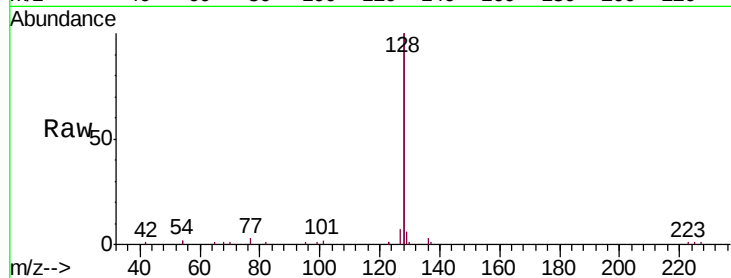
Tgt Ion:128 Resp: 28812

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.4

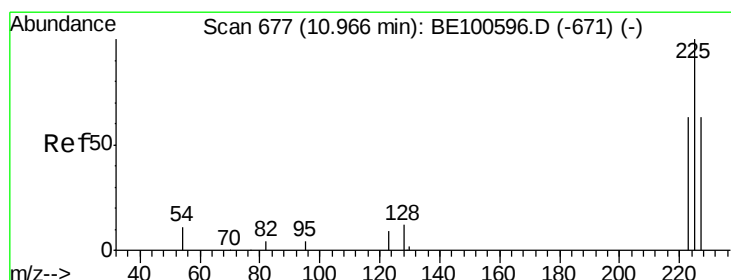
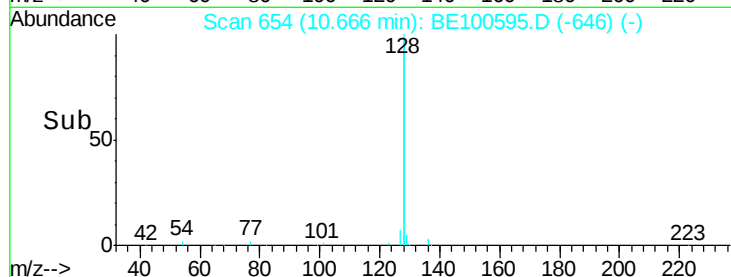
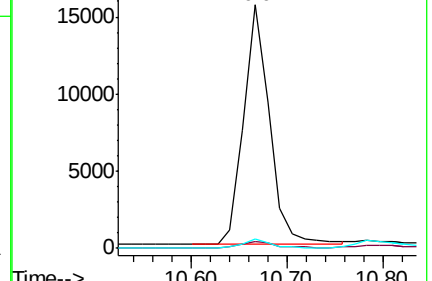
127 3.6 2.6 4.0



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: 0.201 ng

RT: 10.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

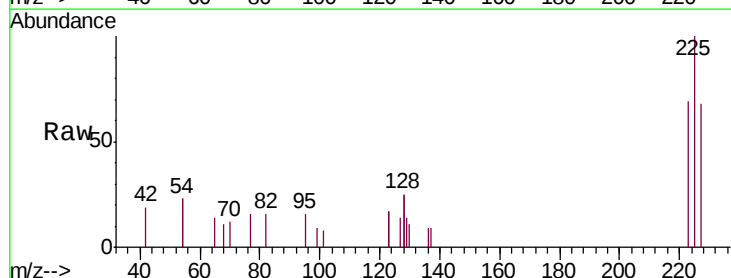
Tgt Ion:225 Resp: 945

Ion Ratio Lower Upper

225 100

223 66.8 49.8 74.8

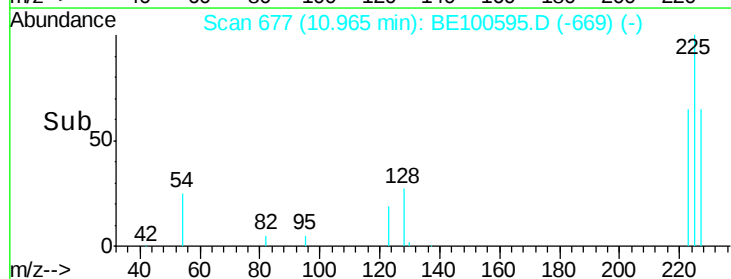
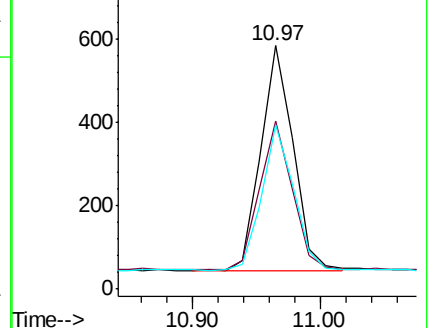
227 64.1 50.1 75.1

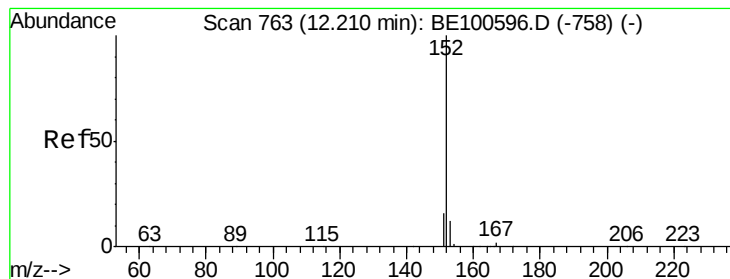


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.191 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

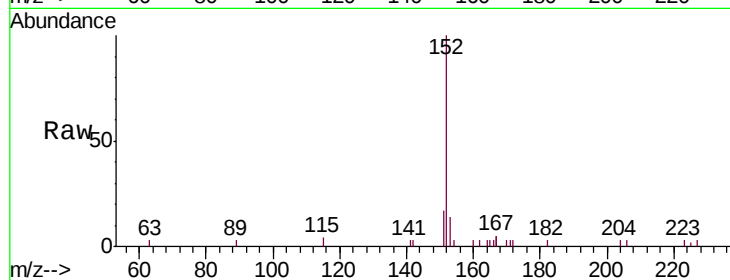
SSTDIC0.2

Tgt Ion:152 Resp: 4062

Ion Ratio Lower Upper

152 100

151 18.6 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

2000

1500

1000

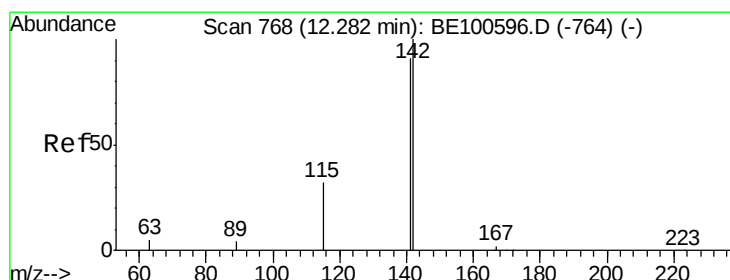
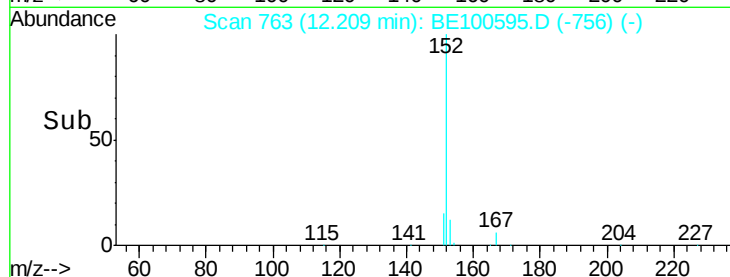
500

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.186 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

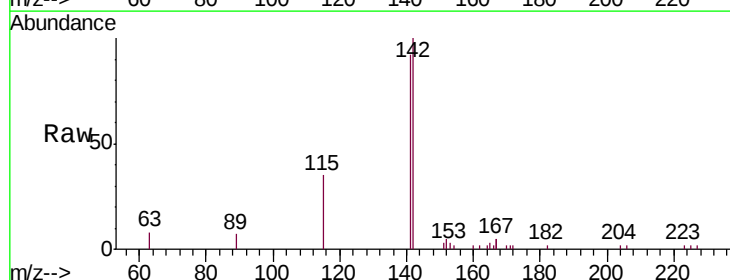
Tgt Ion:142 Resp: 4531

Ion Ratio Lower Upper

142 100

141 92.2 72.6 108.8

115 35.2 26.6 40.0



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

12.28

2500

2000

1500

1000

500

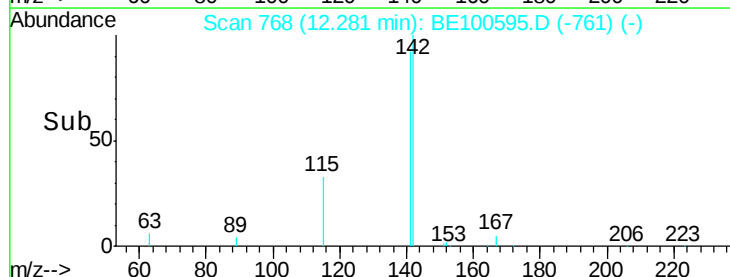
0

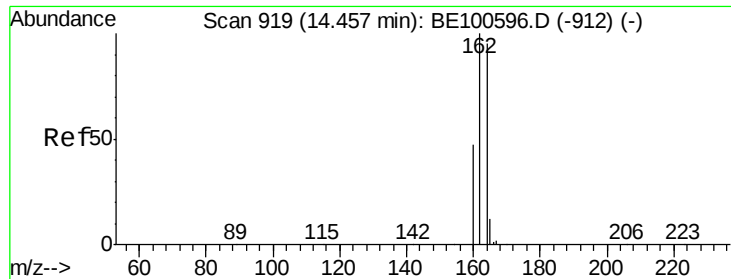
12.20

12.30

12.40

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

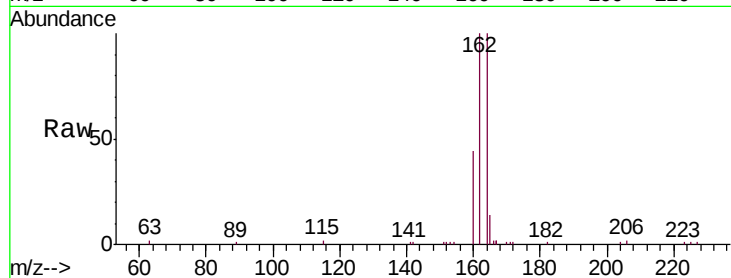
Tgt Ion:164 Resp: 8168

Ion Ratio Lower Upper

164 100

162 100.0 84.2 126.4

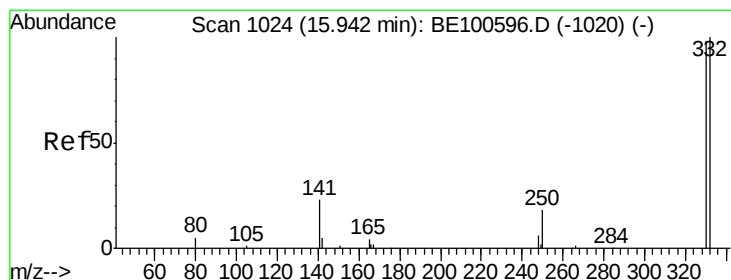
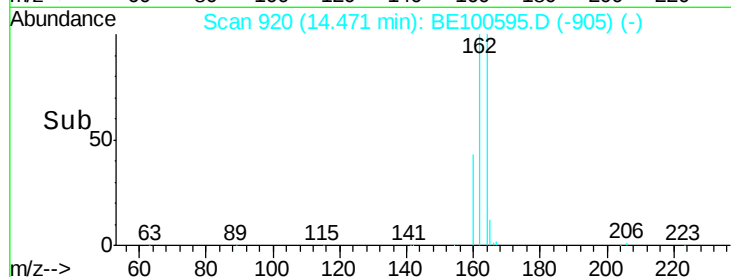
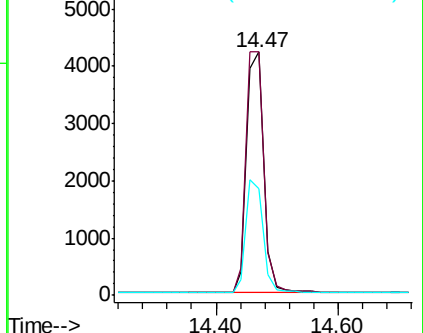
160 43.8 40.2 60.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.166 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

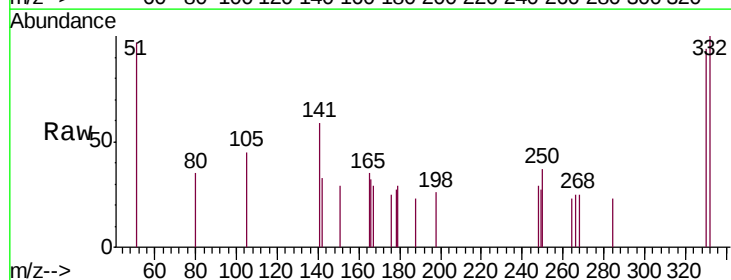
Tgt Ion:330 Resp: 297

Ion Ratio Lower Upper

330 100

332 107.7 78.5 117.7

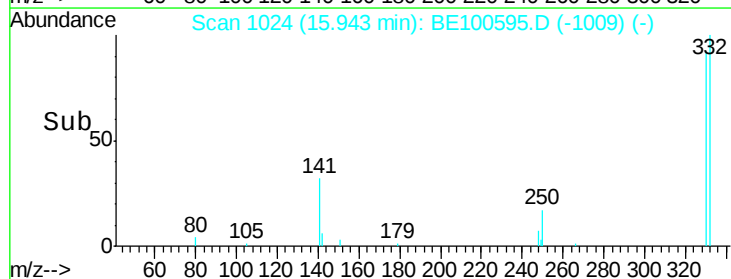
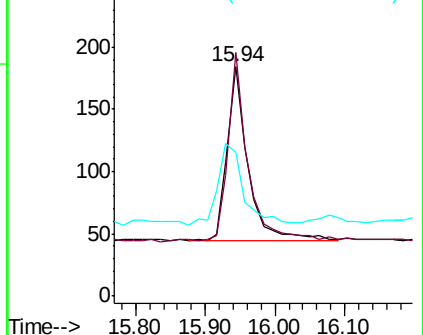
141 56.9 39.4 59.0

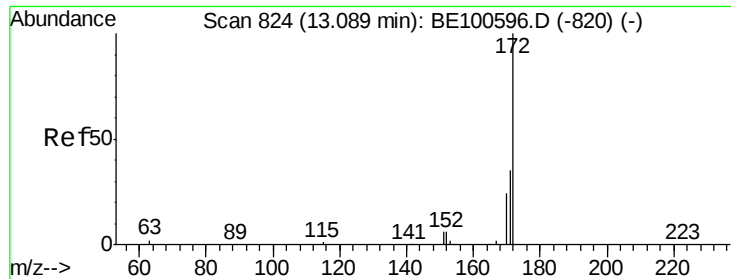


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

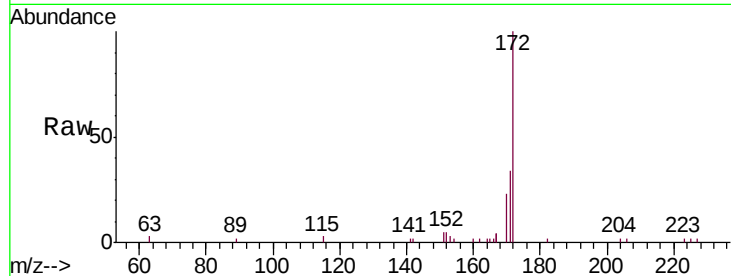




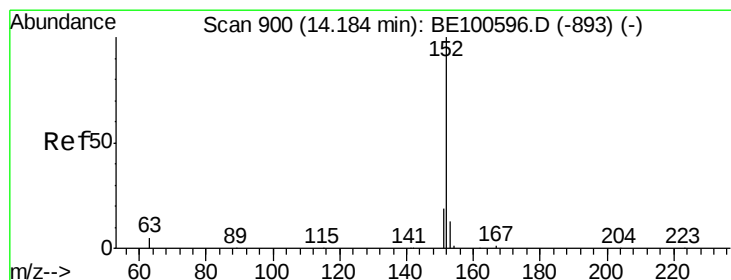
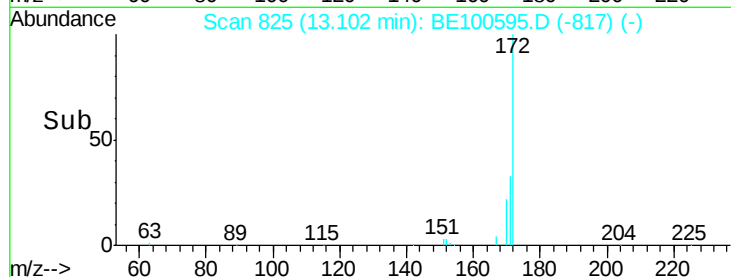
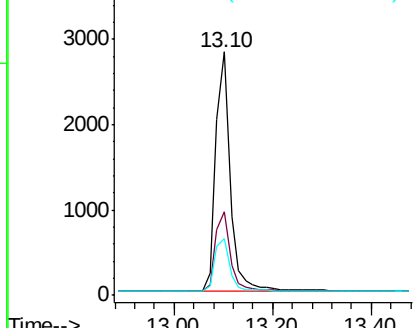
#15
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE100595.D
 Acq: 3 Oct 2019 13:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:172 Resp: 5716
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.7 43.1
 170 23.1 19.8 29.8

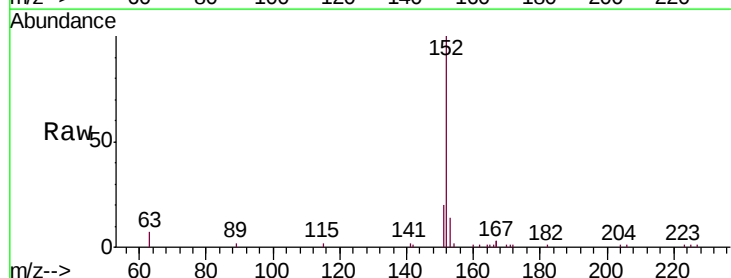


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

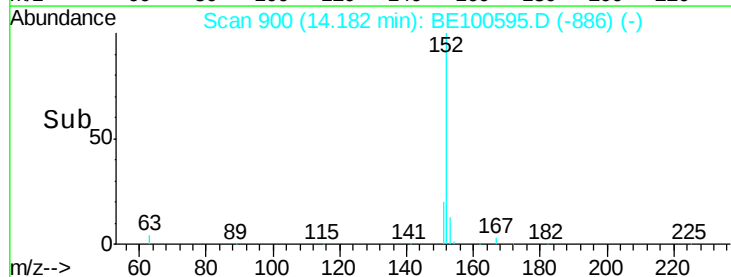
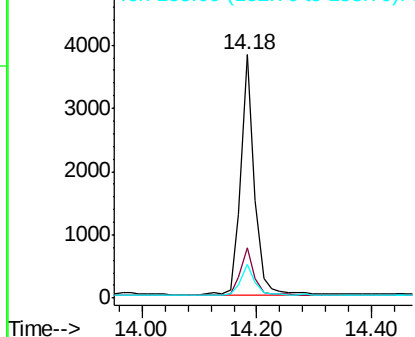


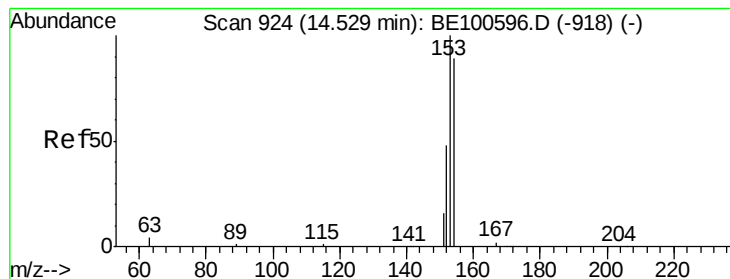
#16
 Acenaphthylene
 Concen: 0.179 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE100595.D
 Acq: 3 Oct 2019 13:58

Tgt Ion:152 Resp: 6227
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.5 23.3
 153 13.2 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: 0.188 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

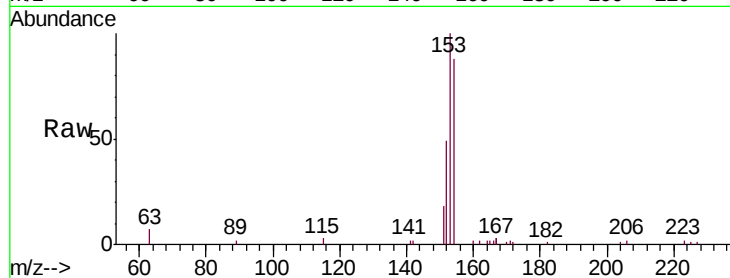
Tgt Ion:154 Resp: 4370

Ion Ratio Lower Upper

154 100

153 115.0 92.3 138.5

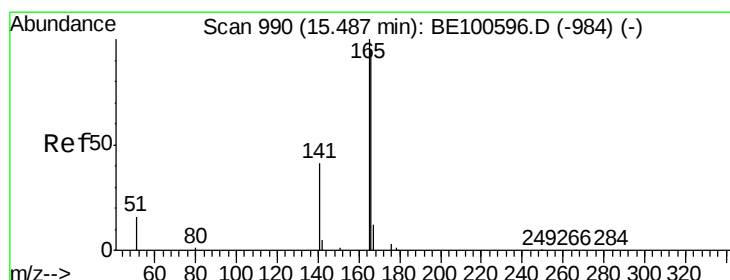
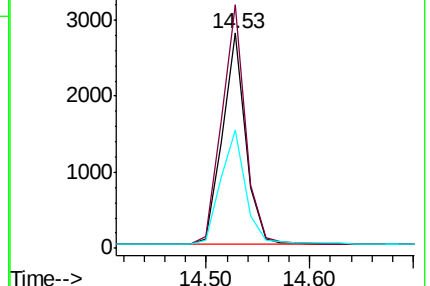
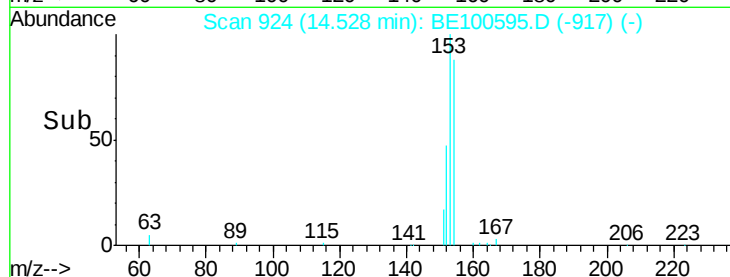
152 57.8 46.2 69.2



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: 0.186 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.01 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

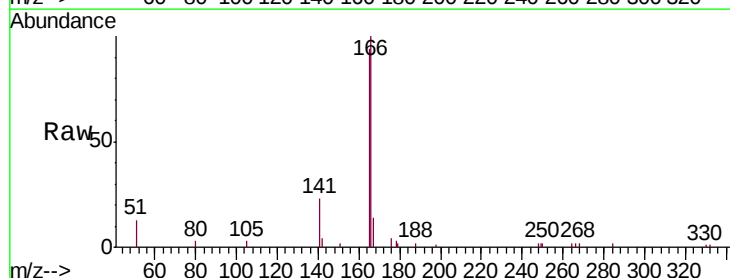
Tgt Ion:166 Resp: 5457

Ion Ratio Lower Upper

166 100

165 99.4 80.4 120.6

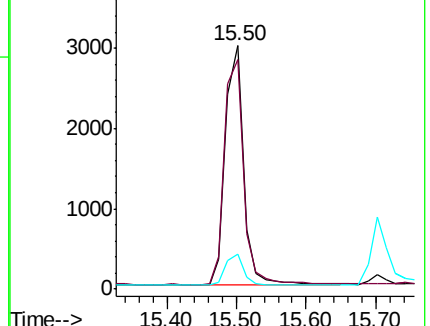
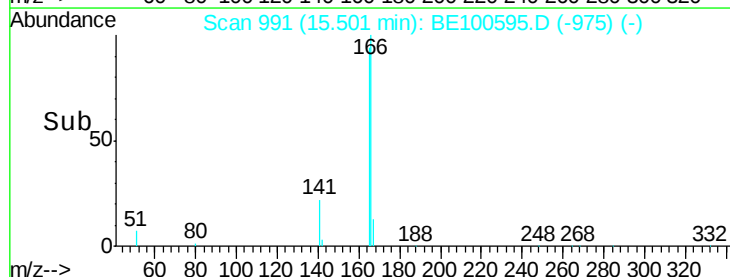
167 12.8 10.6 15.8

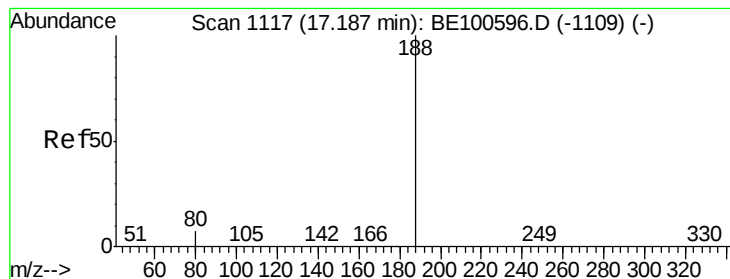


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

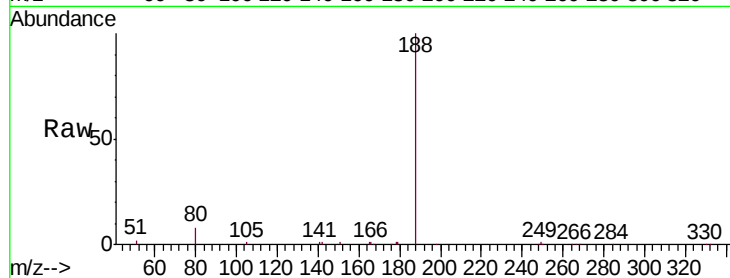
Tgt Ion:188 Resp: 18239

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 6.2 9.2



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

15000

10000

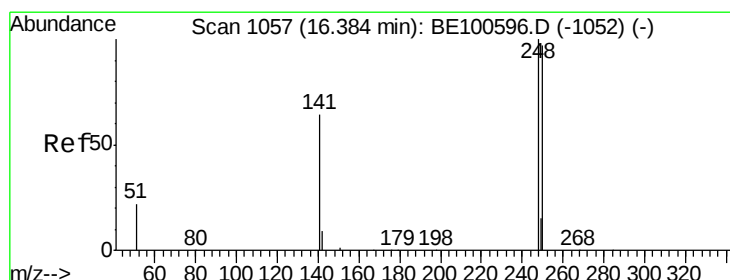
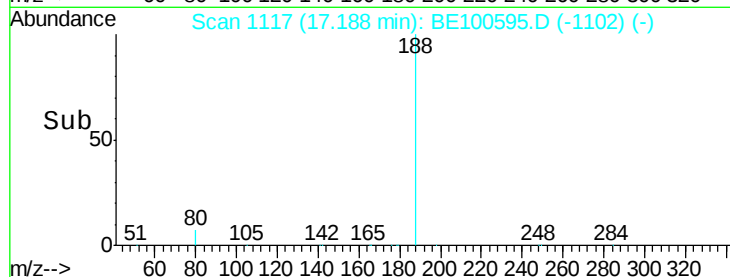
5000

0

17.19

17.00 17.20 17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.189 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

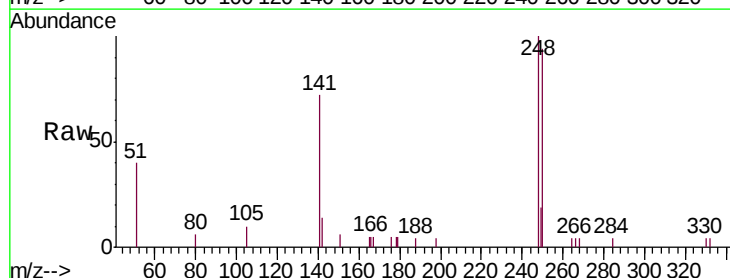
Tgt Ion:248 Resp: 1683

Ion Ratio Lower Upper

248 100

250 93.9 77.4 116.0

141 72.1 52.1 78.1



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

1500

1000

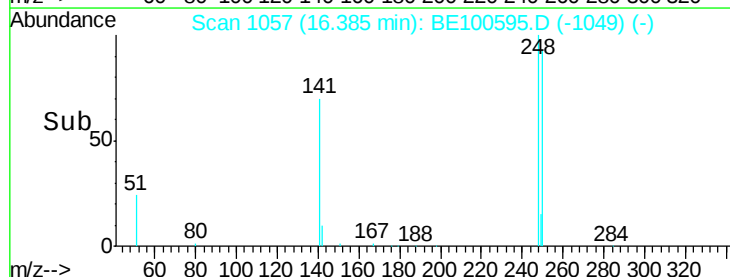
500

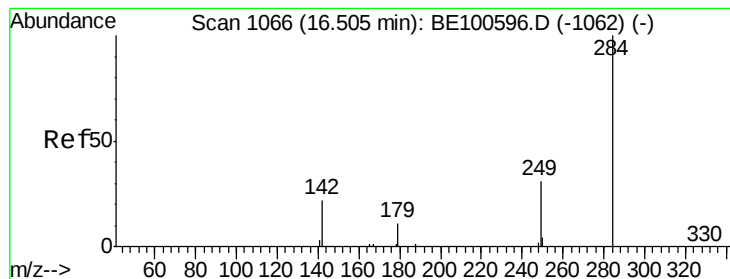
0

16.38

16.30 16.40 16.50

Time-->





#21

Hexachlorobenzene

Concen: 0.200 ng

RT: 16.51 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

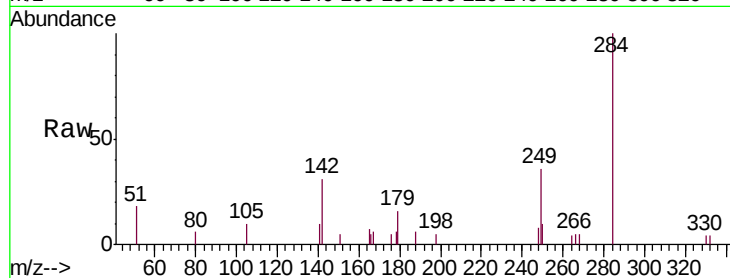
Tgt Ion:284 Resp: 1470

Ion Ratio Lower Upper

284 100

142 44.6 35.1 52.7

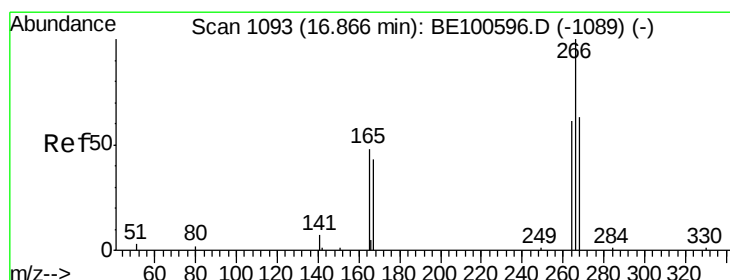
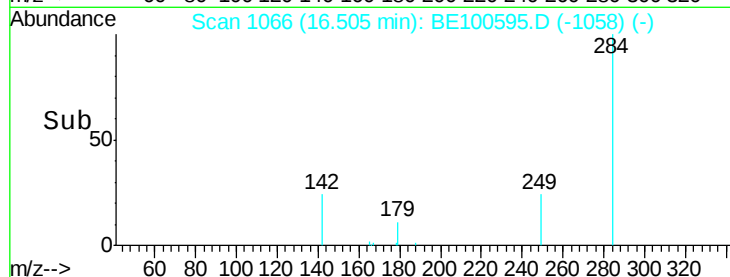
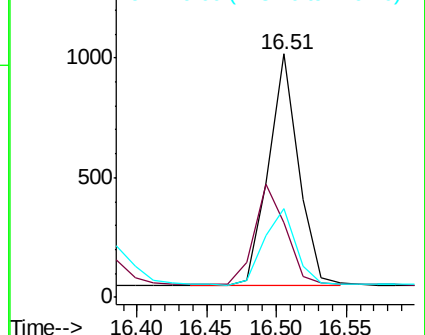
249 33.7 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.094 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

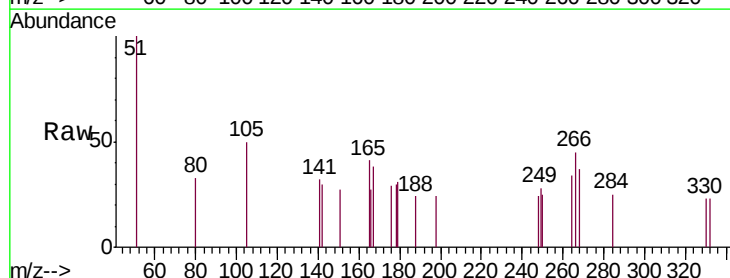
Tgt Ion:266 Resp: 206

Ion Ratio Lower Upper

266 100

264 75.0 56.3 84.5

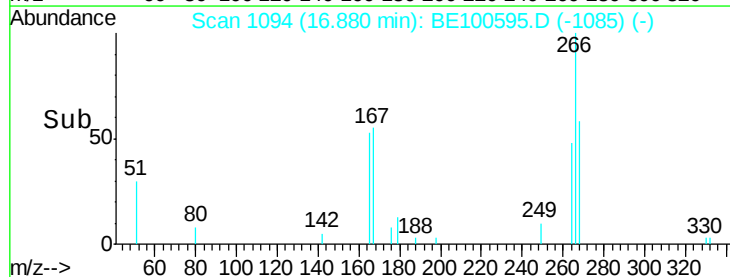
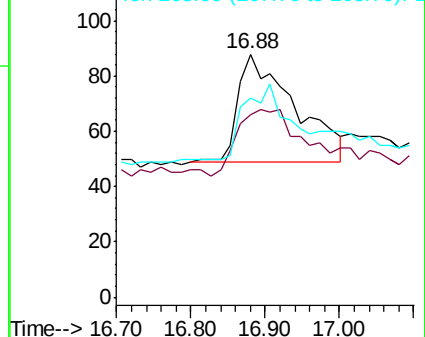
268 81.8 60.3 90.5

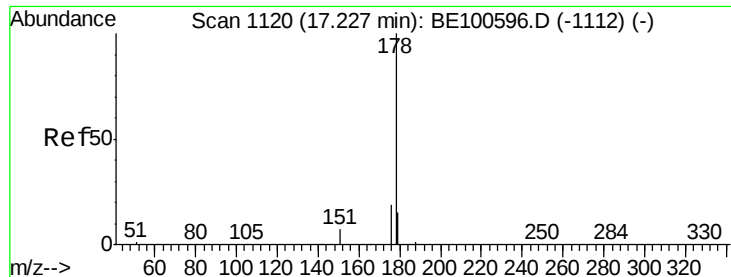


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.188 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

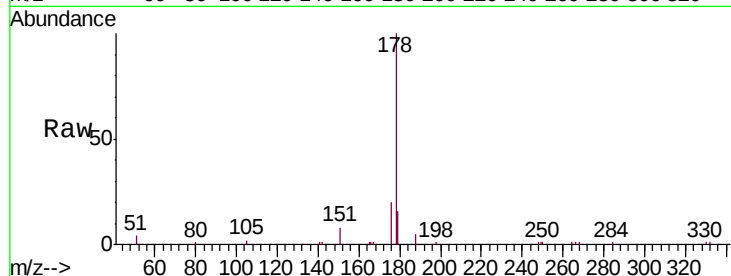
Tgt Ion:178 Resp: 9732

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

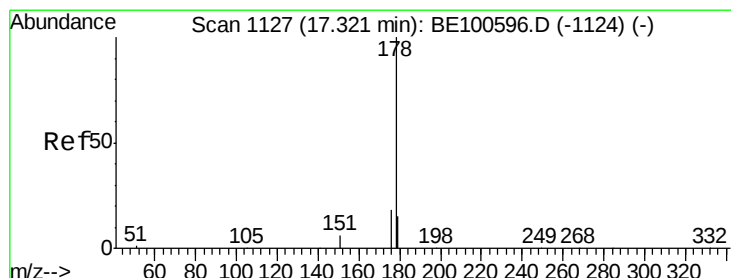
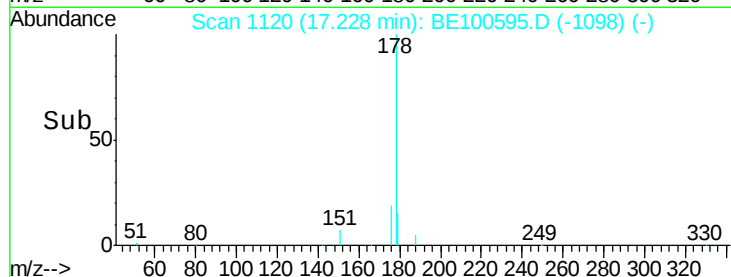
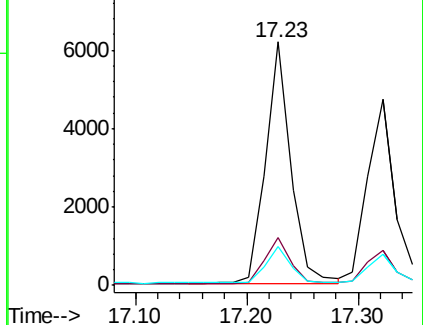
179 15.5 12.3 18.5



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: 0.174 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

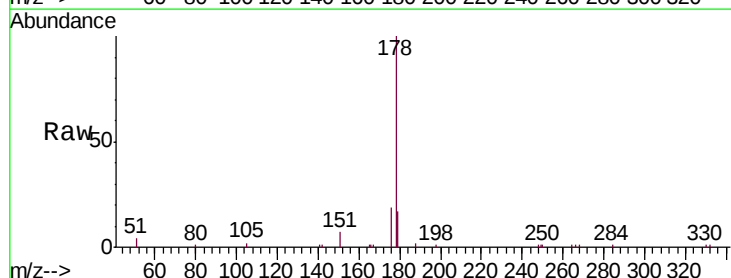
Tgt Ion:178 Resp: 7785

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

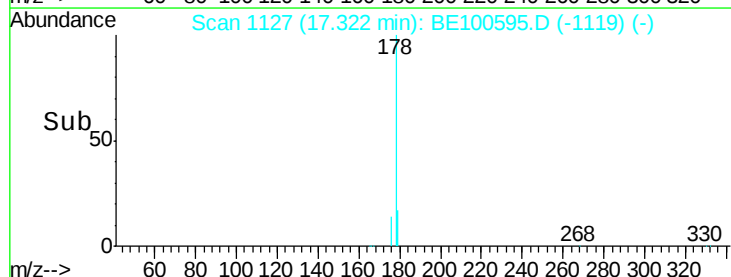
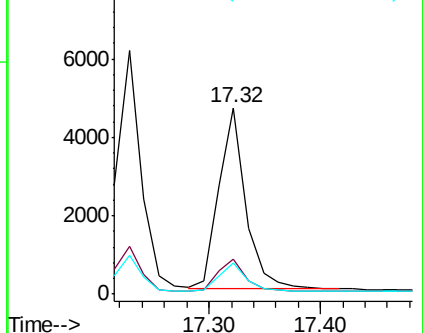
179 15.2 12.2 18.4

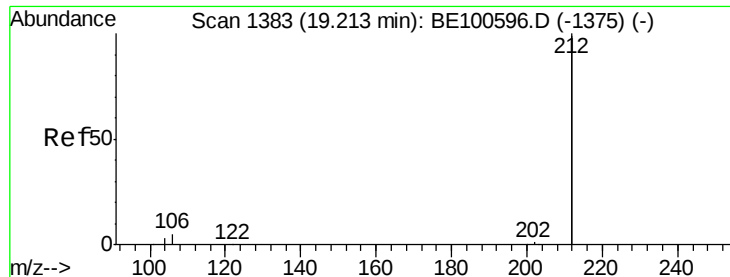


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.182 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

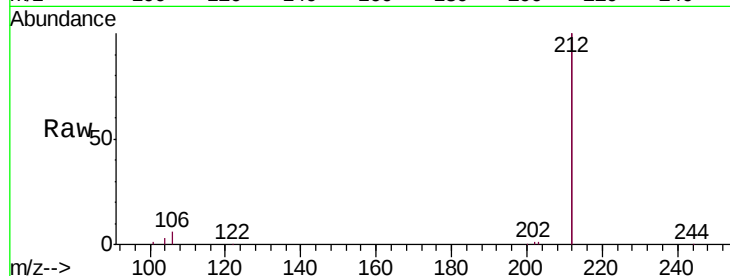
Tgt Ion:212 Resp: 41318

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

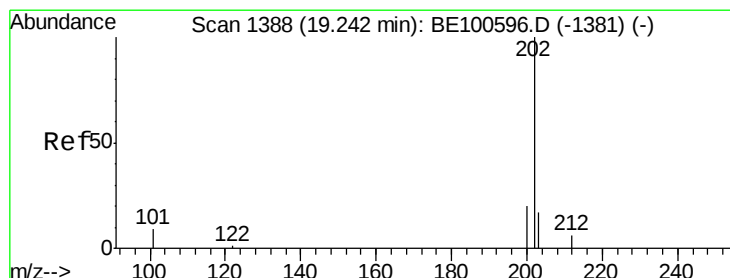
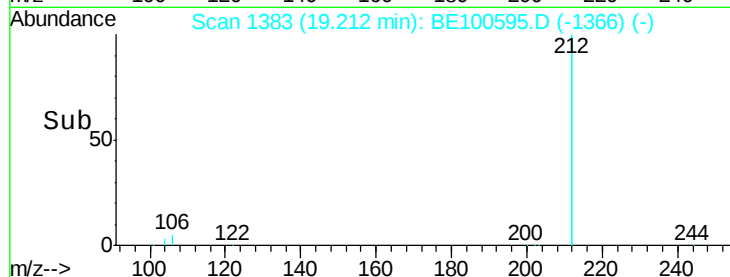
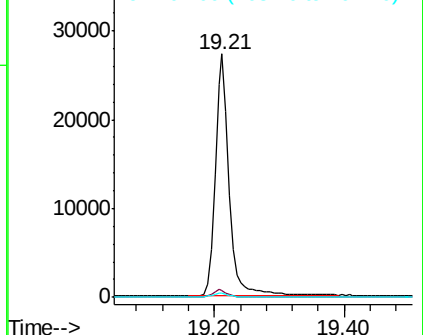
104 1.7 1.3 1.9



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: 0.178 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

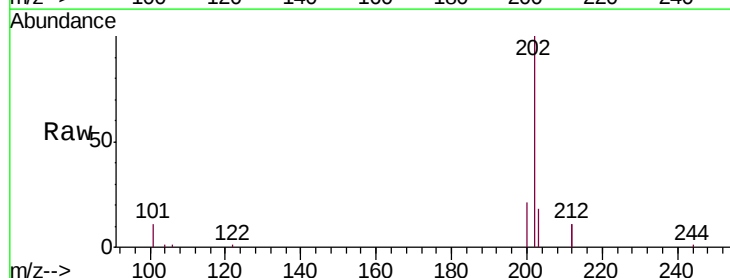
Tgt Ion:202 Resp: 11455

Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

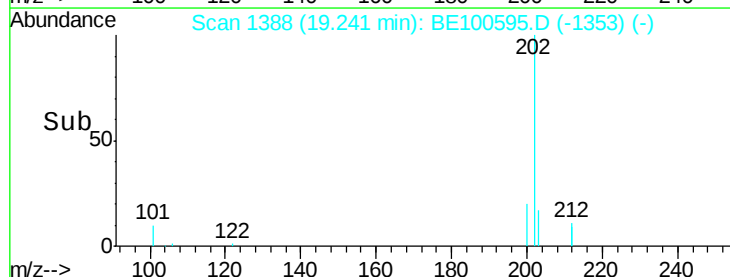
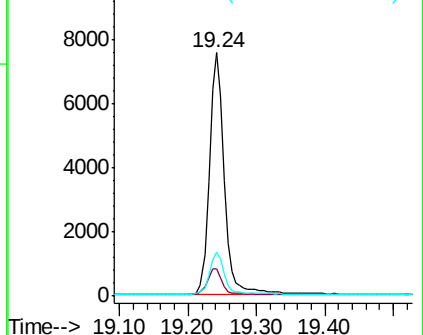
203 16.9 13.8 20.6

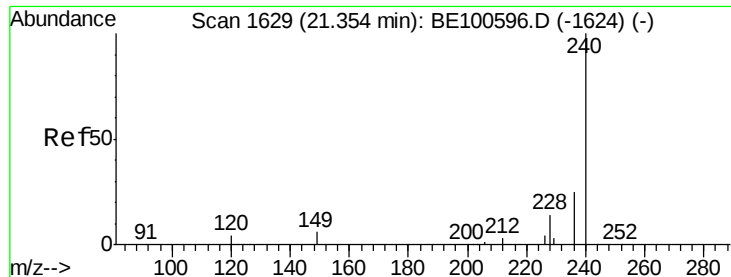


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

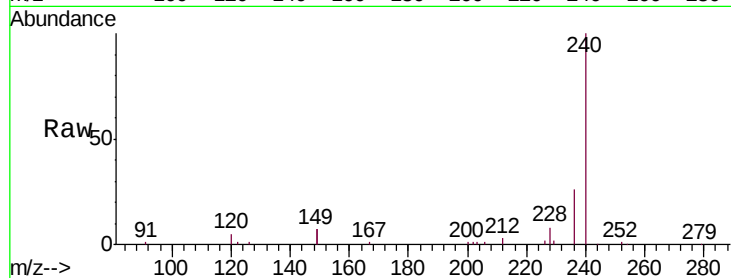




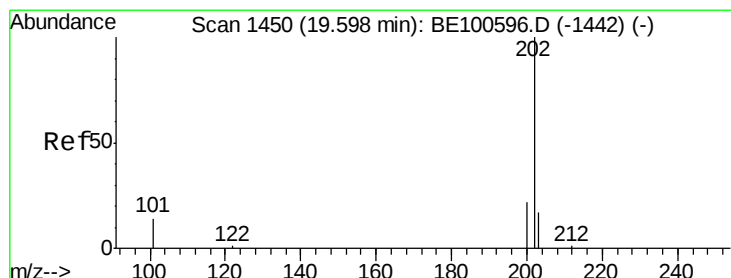
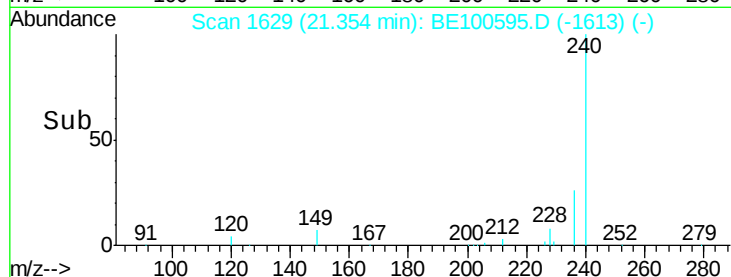
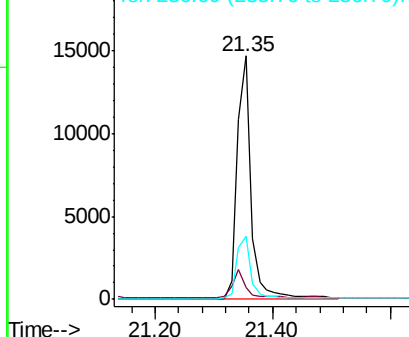
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100595.D
Acq: 3 Oct 2019 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 240 Resp: 24119
Ion Ratio Lower Upper
240 100
120 4.8 3.6 5.4
236 25.9 20.5 30.7

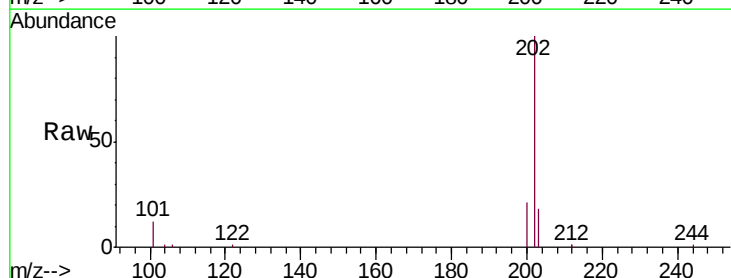


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

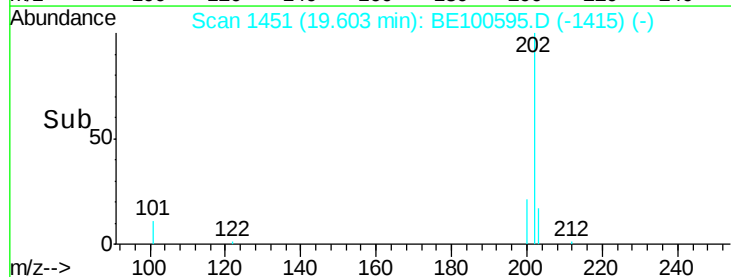
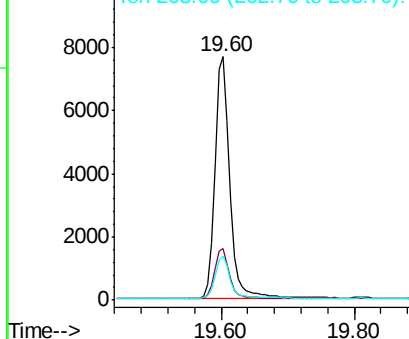


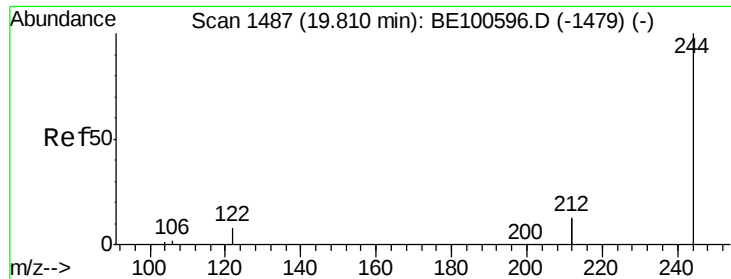
#28
Pyrene
Concen: 0.197 ng
RT: 19.60 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BE100595.D
Acq: 3 Oct 2019 13:58

Tgt Ion: 202 Resp: 11762
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.1 21.1



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: 0.191 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

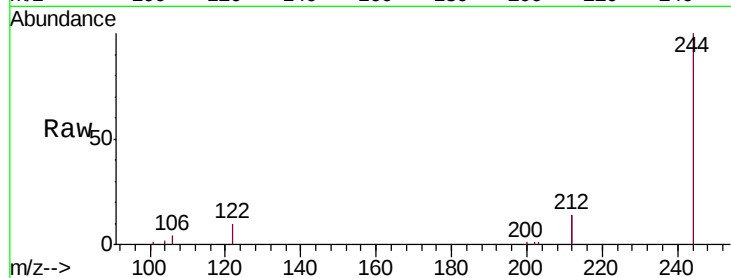
Tgt Ion:244 Resp: 9937

Ion Ratio Lower Upper

244 100

212 28.3 20.6 31.0

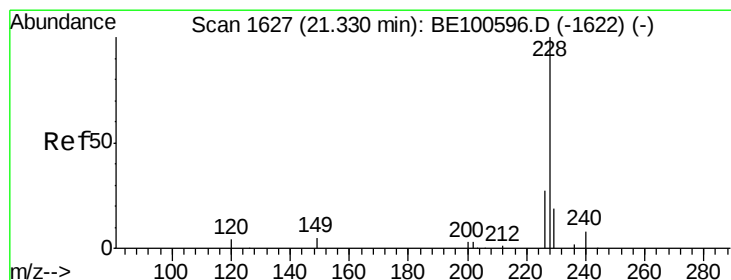
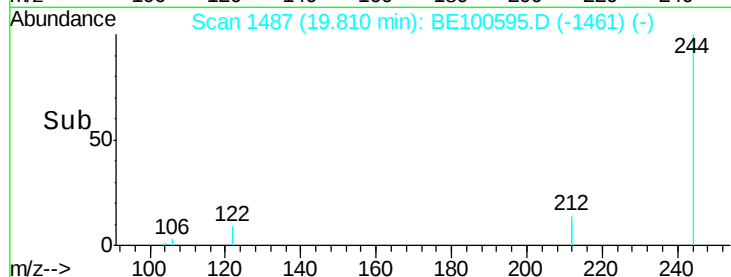
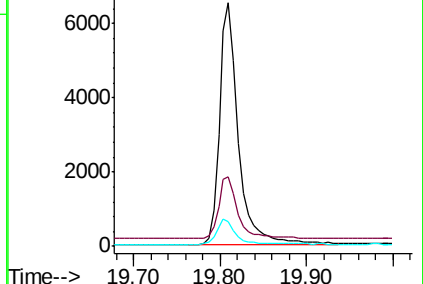
122 10.1 6.5 9.7#



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: 0.173 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

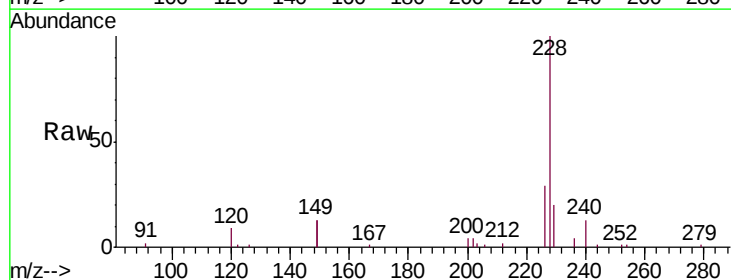
Tgt Ion:228 Resp: 12176

Ion Ratio Lower Upper

228 100

226 28.5 21.5 32.3

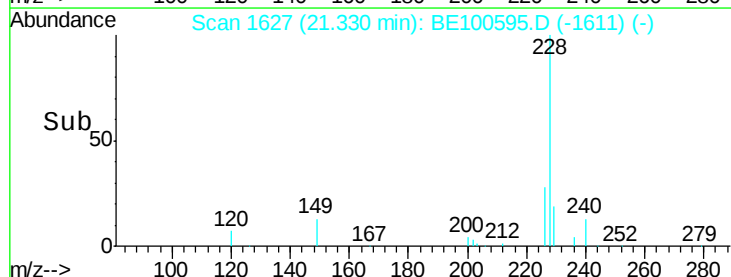
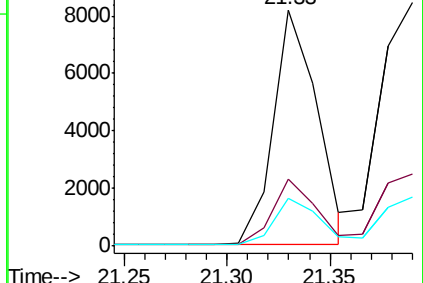
229 20.0 15.6 23.4

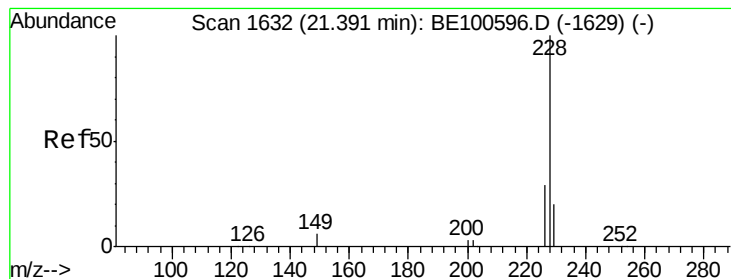


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.196 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

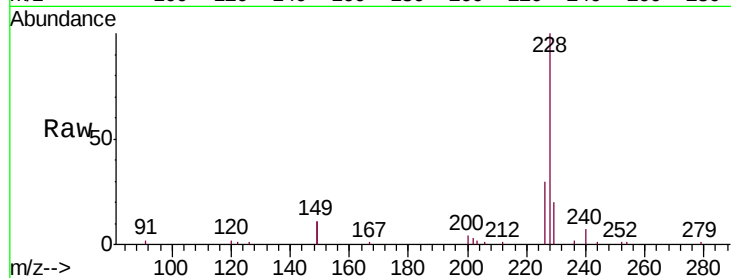
Tgt Ion:228 Resp: 14209

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

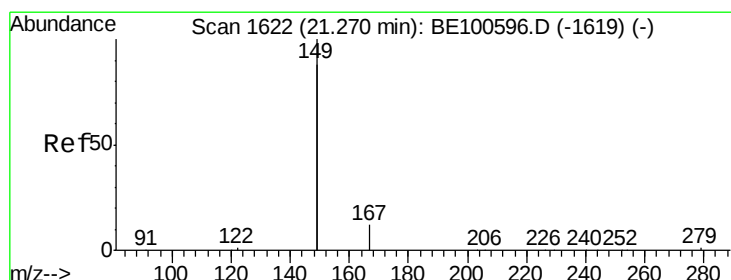
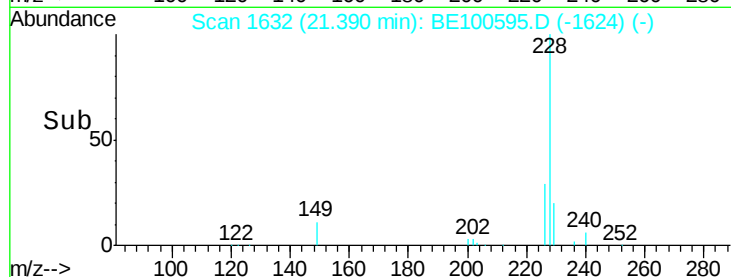
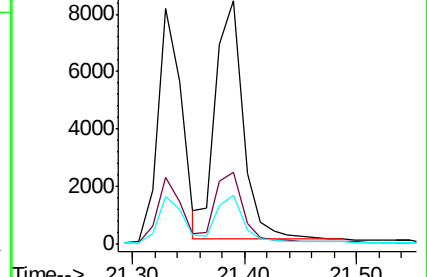
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.120 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

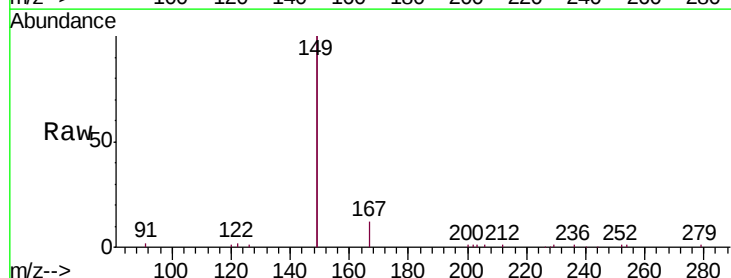
Tgt Ion:149 Resp: 22746

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

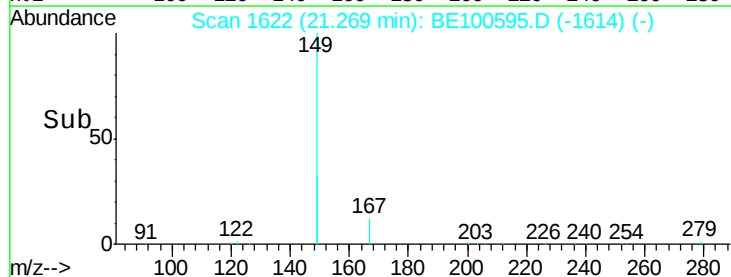
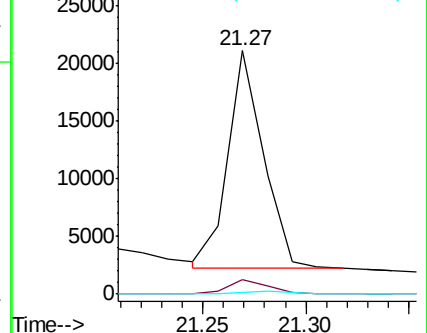
279 1.2 0.9 1.3

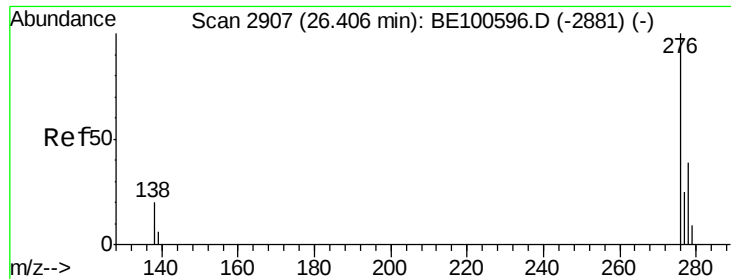


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.195 ng

RT: 26.41 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

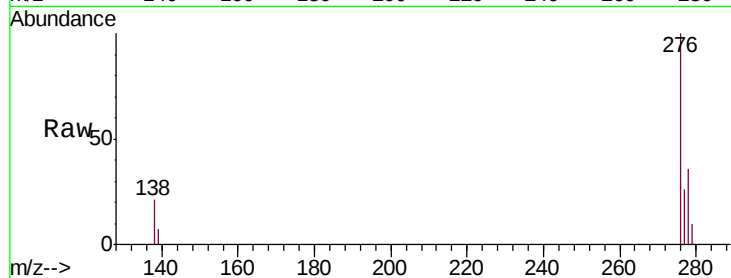
Tgt Ion:276 Resp: 16393

Ion Ratio Lower Upper

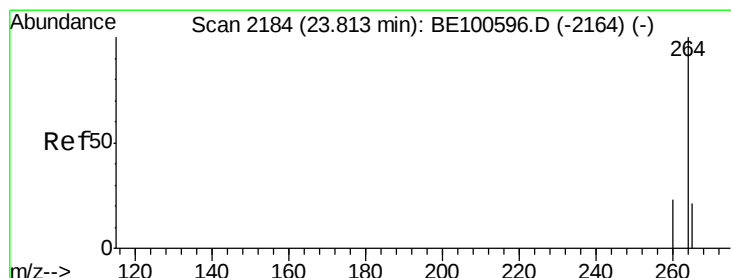
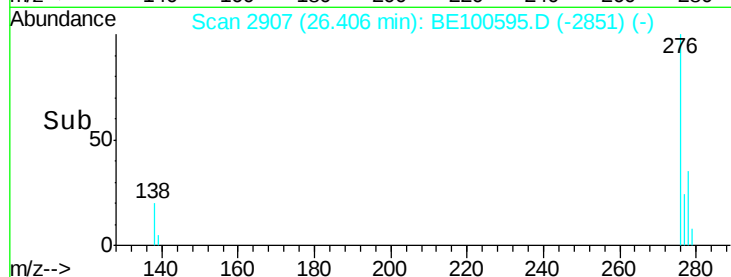
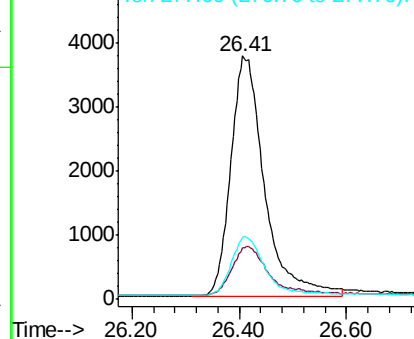
276 100

138 22.0 17.8 26.8

277 24.8 19.8 29.8



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: 23.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

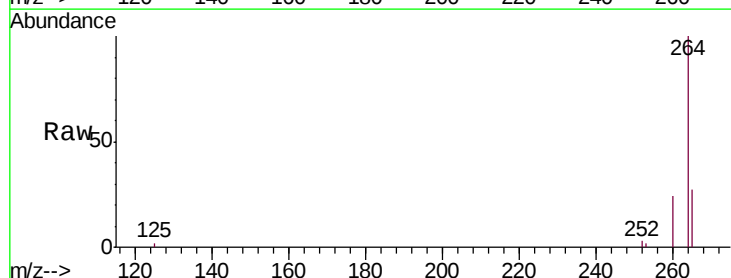
Tgt Ion:264 Resp: 28641

Ion Ratio Lower Upper

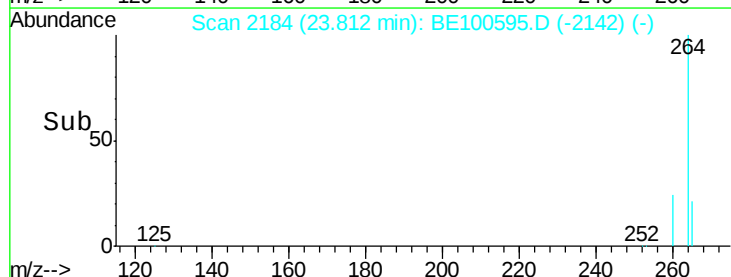
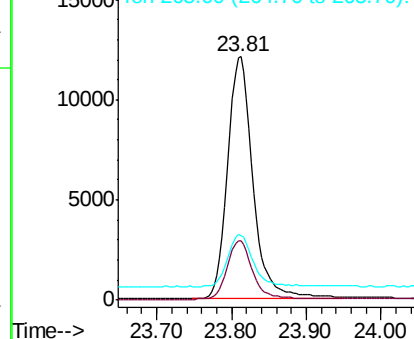
264 100

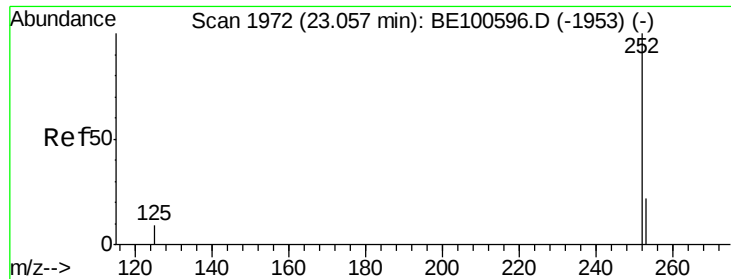
260 24.3 19.0 28.4

265 26.5 20.9 31.3



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: 0.185 ng

RT: 23.06 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

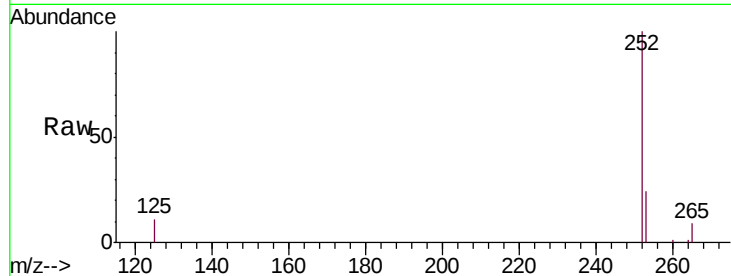
Tgt Ion:252 Resp: 14323

Ion Ratio Lower Upper

252 100

253 23.6 18.1 27.1

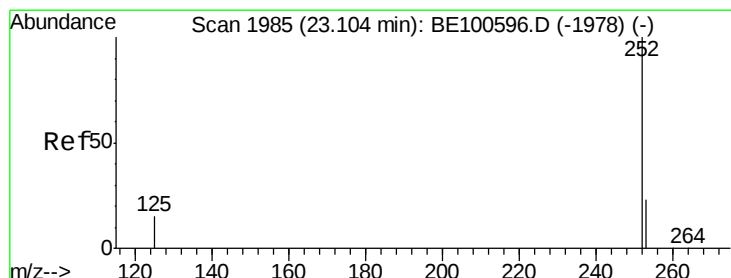
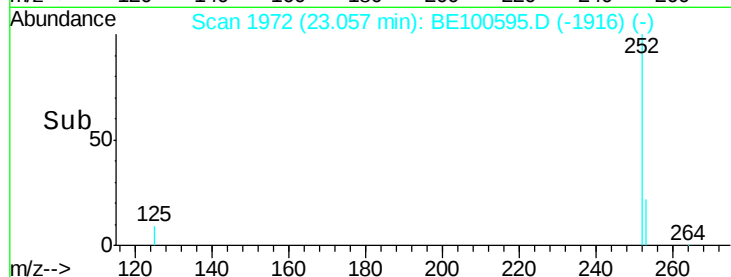
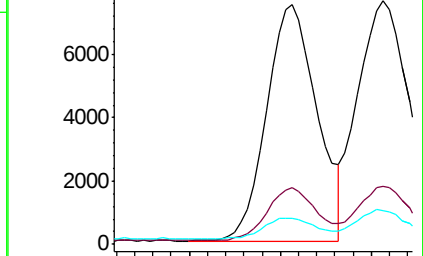
125 10.9 7.9 11.9



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: 0.188 ng

RT: 23.11 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

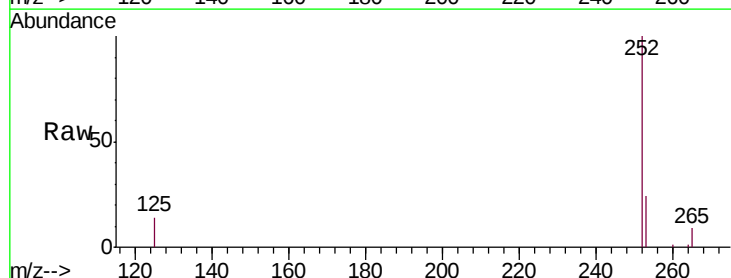
Tgt Ion:252 Resp: 16518

Ion Ratio Lower Upper

252 100

253 24.1 18.6 28.0

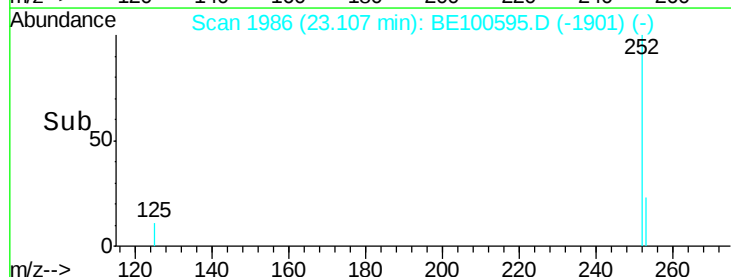
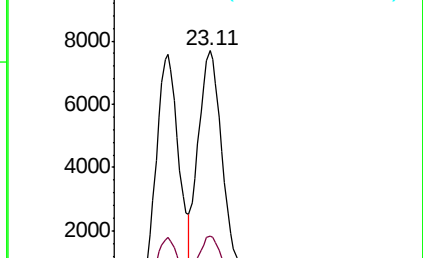
125 13.6 11.4 17.0

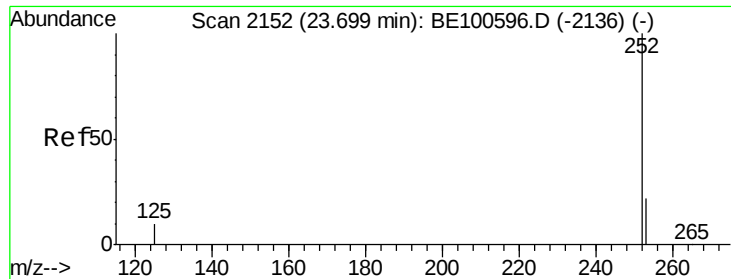


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.182 ng

RT: 23.70 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

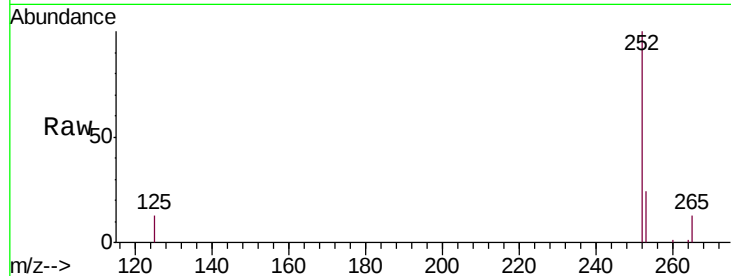
Tgt Ion:252 Resp: 13027

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

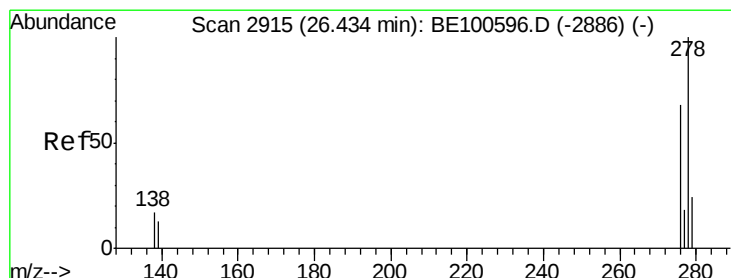
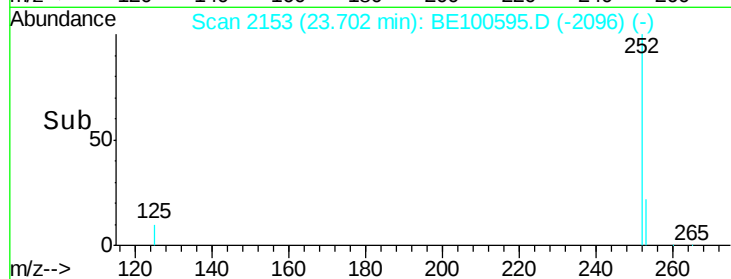
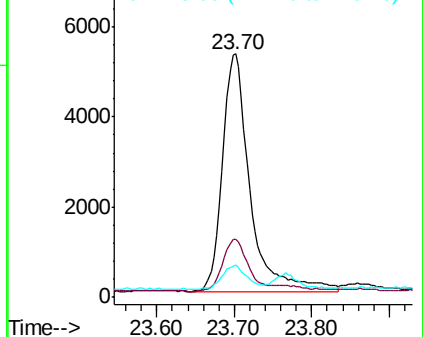
125 13.1 8.8 13.2



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: 0.183 ng

RT: 26.44 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BE100595.D

Acq: 3 Oct 2019 13:58

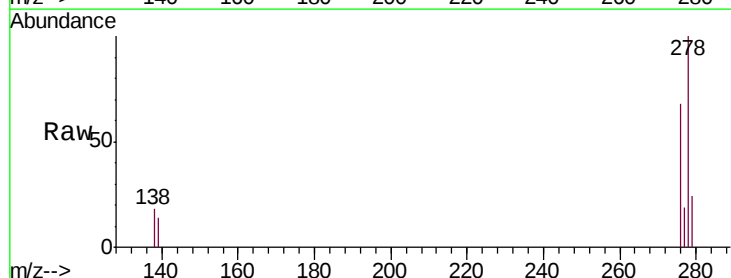
Tgt Ion:278 Resp: 13513

Ion Ratio Lower Upper

278 100

139 14.2 11.0 16.4

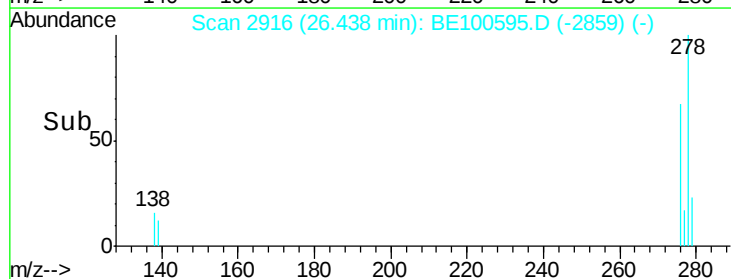
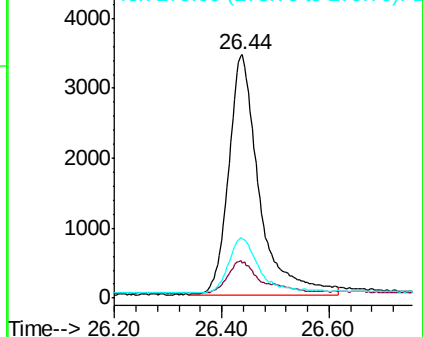
279 24.4 19.7 29.5

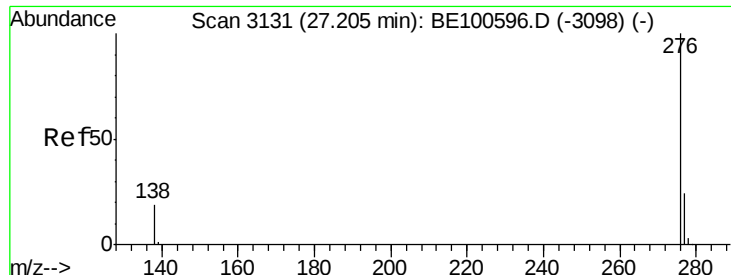


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.190 ng

RT: 27.21 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BE100595.D

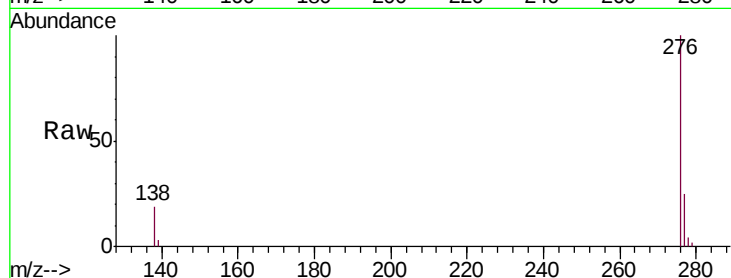
Acq: 3 Oct 2019 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 14131

Ion Ratio Lower Upper

276 100

277 25.1 19.5 29.3

138 19.0 15.6 23.4

Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

