

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100797.D
 Acq On : 5 Dec 2019 20:08
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 06 02:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5782	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	28201	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	17238	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	36418	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	35083	0.40	ng	0.00
34) Perylene-d12	23.75	264	43340	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	7041	0.51	ng	0.00
5) Phenol-d6	6.93	99	10723	0.52	ng	0.00
8) Nitrobenzene-d5	8.90	82	8382	0.62	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16421	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1834	0.96	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	23441	0.34	ng	0.00
25) Fluoranthene-d10	19.16	212	160342	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	33349	0.40	ng	0.00

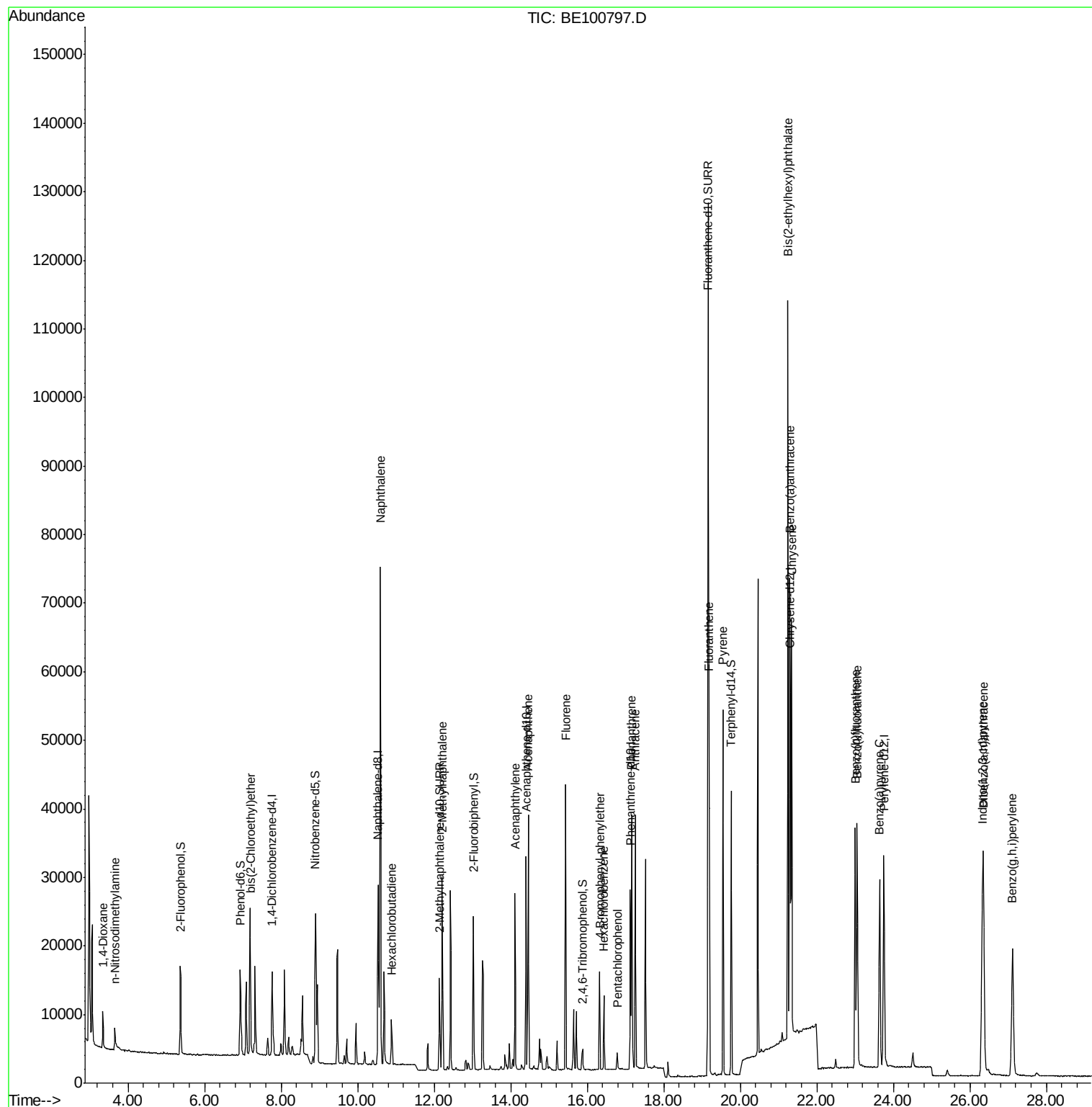
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3523	0.334	ng	# 91
3) n-Nitrosodimethylamine	3.65	42	3246	0.378	ng	# 84
6) bis(2-Chloroethyl)ether	7.19	93	8150	0.407	ng	97
9) Naphthalene	10.59	128	113861	0.380	ng	100
10) Hexachlorobutadiene	10.89	225	4241	0.363	ng	99
12) 2-Methylnaphthalene	12.21	142	18303	0.391	ng	99
16) Acenaphthylene	14.11	152	28270	0.396	ng	100
17) Acenaphthene	14.46	154	18267	0.372	ng	98
18) Fluorene	15.43	166	23626	0.373	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	7025	0.393	ng	94
21) Hexachlorobenzene	16.44	284	7291	0.376	ng	99
22) Pentachlorophenol	16.79	266	1455	1.084	ng	84
23) Phenanthrene	17.16	178	41713	0.378	ng	100
24) Anthracene	17.26	178	36094	0.391	ng	99
26) Fluoranthene	19.19	202	46884	0.356	ng	99
28) Pyrene	19.55	202	48378	0.424	ng	100
30) Benzo(a)anthracene	21.29	228	47713	0.461	ng	100
31) Chrysene	21.34	228	47422	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.24	149	113550	1.322	ng	100
33) Indeno(1,2,3-cd)pyrene	26.33	276	53230	0.503	ng	99
35) Benzo(b)fluoranthene	23.00	252	47092	0.397	ng	100
36) Benzo(k)fluoranthene	23.05	252	48620	0.365	ng	99
37) Benzo(a)pyrene	23.64	252	44147	0.430	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	43809	0.429	ng	99
39) Benzo(g,h,i)perylene	27.12	276	44514	0.407	ng	100

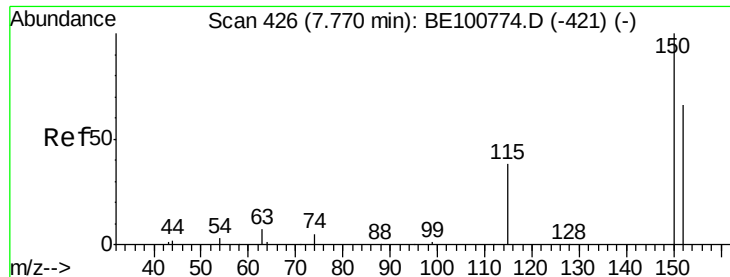
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

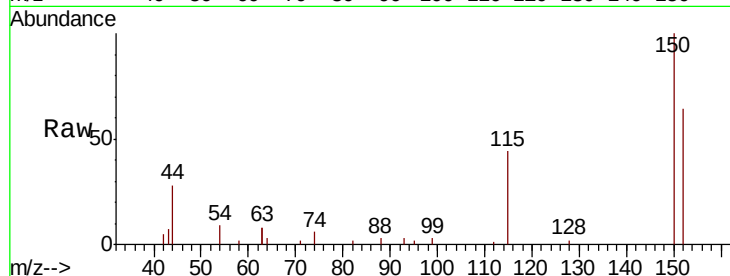
Tot Ion:152 Resp: 5782

Ion Ratio Lower Upper

152 100

150 156.7 120.6 181.0

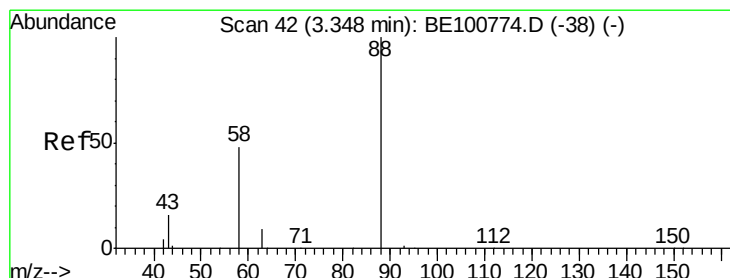
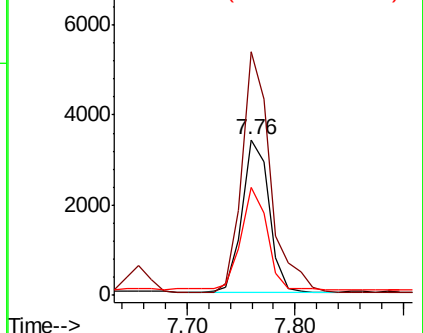
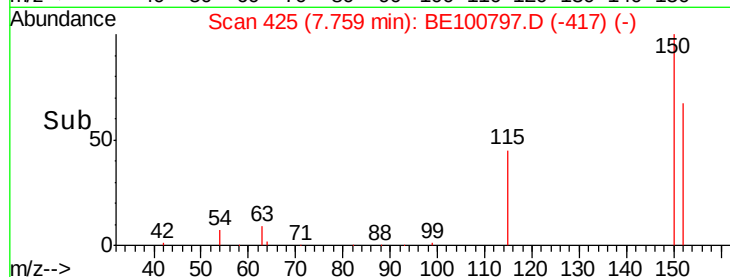
115 69.7 47.4 71.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.334 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

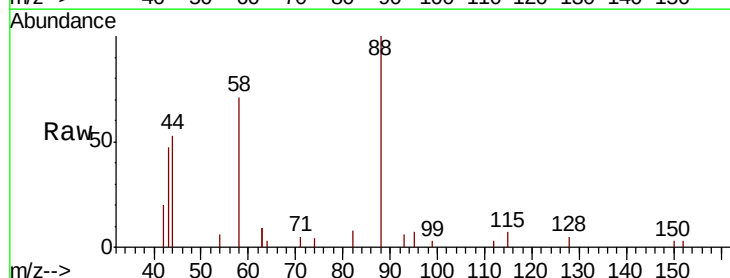
Tgt Ion: 88 Resp: 3523

Ion Ratio Lower Upper

88 100

58 71.5 52.5 78.7

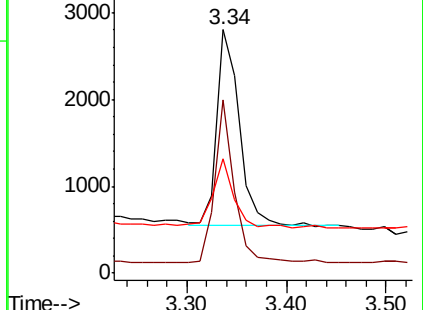
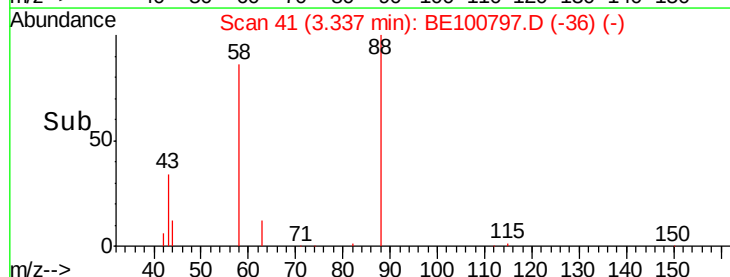
43 35.9 23.0 34.6#

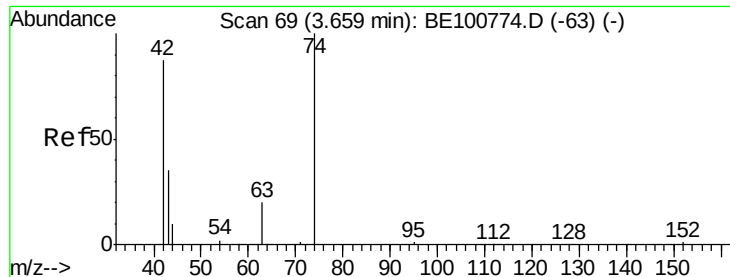


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.378 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

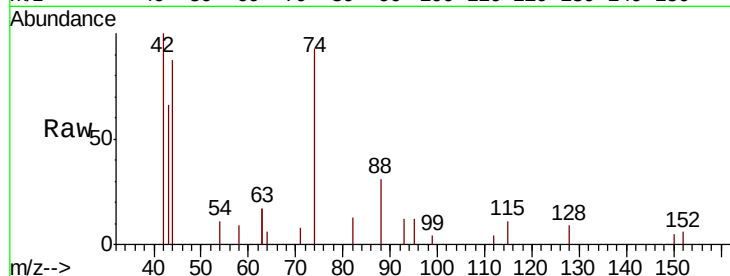
Tot Ion: 42 Resp: 3246

Ion Ratio Lower Upper

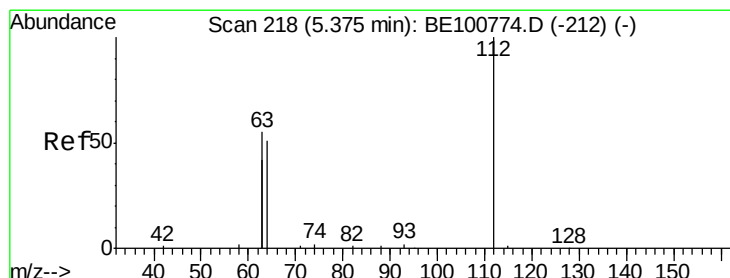
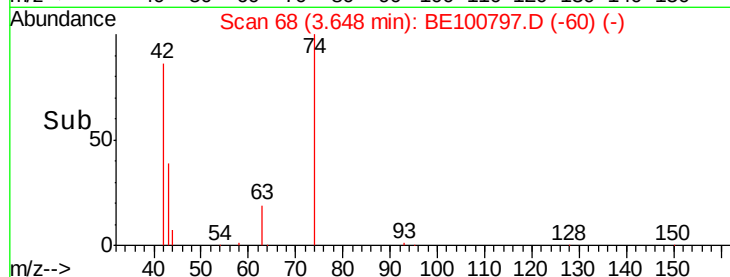
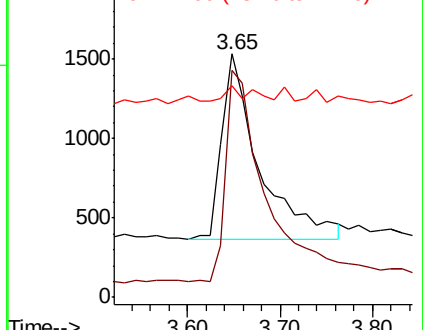
42 100

74 124.2 86.3 129.5

44 6.9 11.6 17.4#



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: 0.513 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

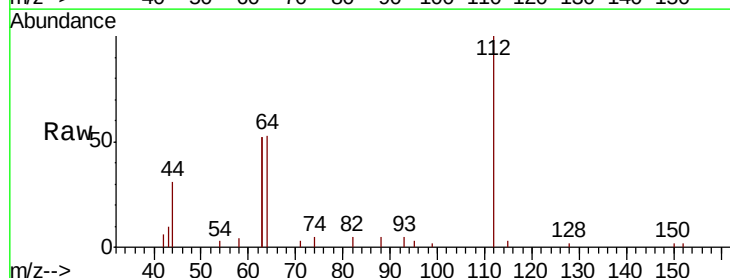
Tgt Ion: 112 Resp: 7041

Ion Ratio Lower Upper

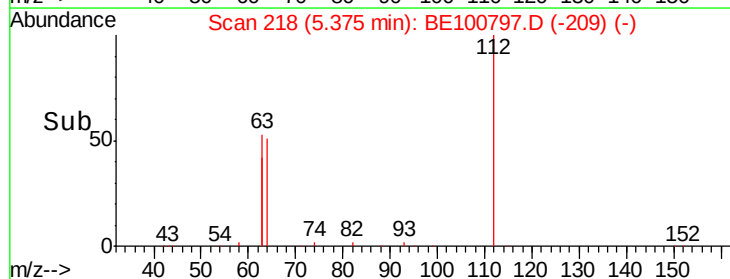
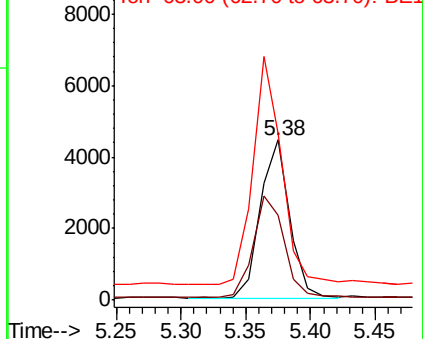
112 100

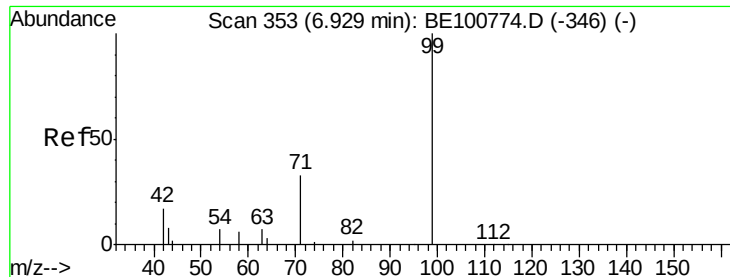
64 66.2 54.1 81.1

63 140.1 113.2 169.8



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: 0.518 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

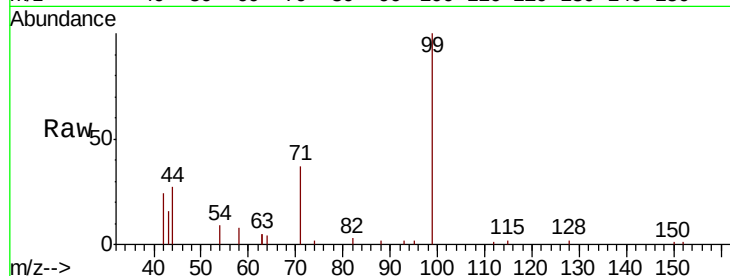
Tot Ion: 99 Resp: 10723

Ion Ratio Lower Upper

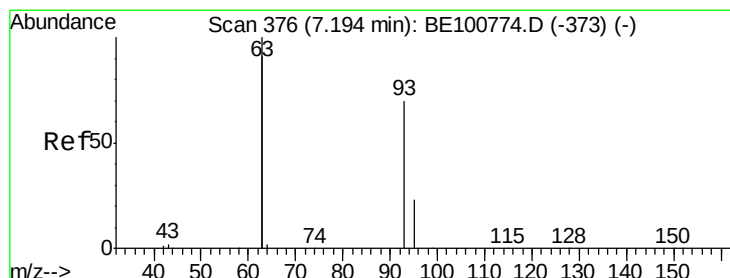
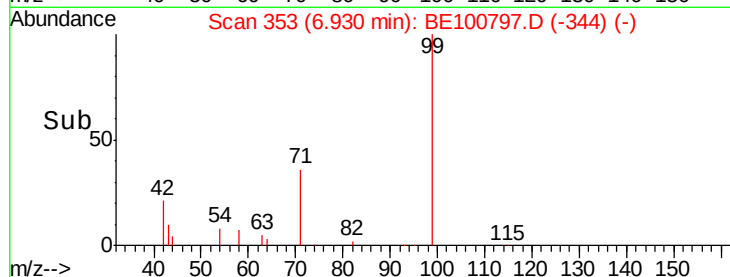
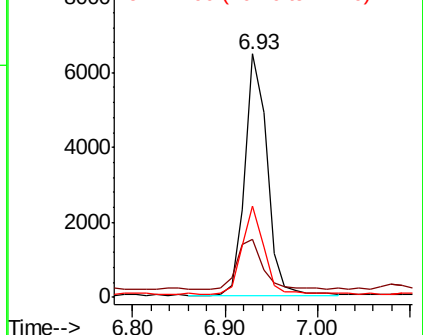
99 100

42 23.3 19.1 28.7

71 36.1 27.7 41.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

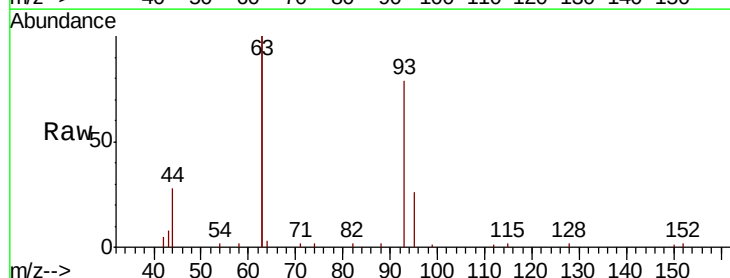
Tgt Ion: 93 Resp: 8150

Ion Ratio Lower Upper

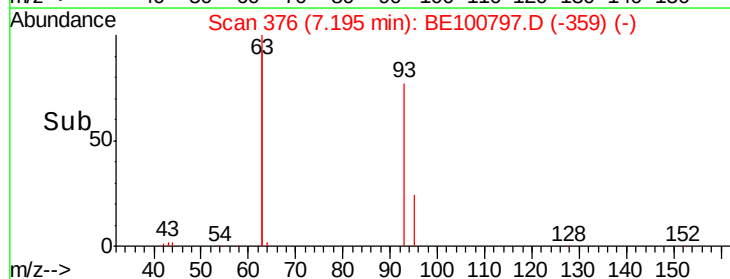
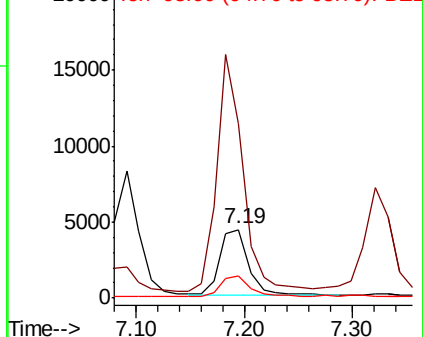
93 100

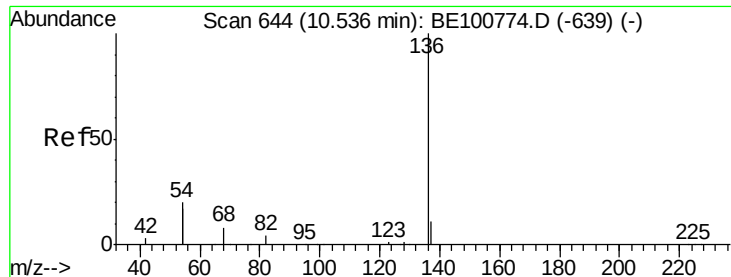
63 319.3 259.4 389.0

95 30.4 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 28201

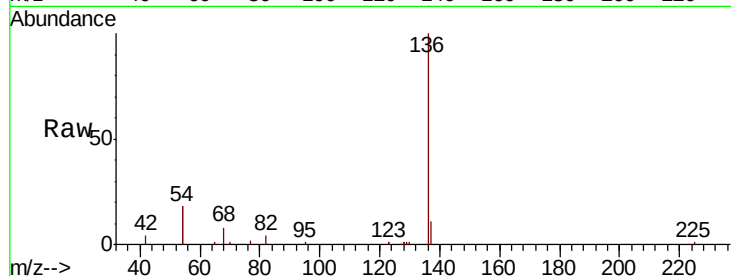
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 35.5 31.1 46.7

68 7.5 6.6 10.0

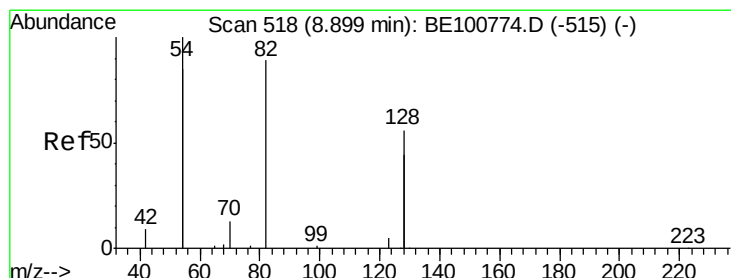
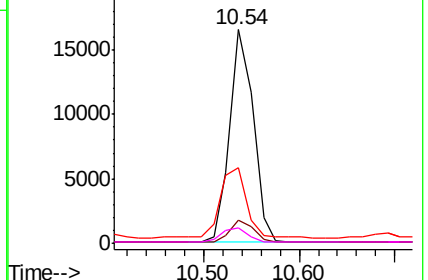
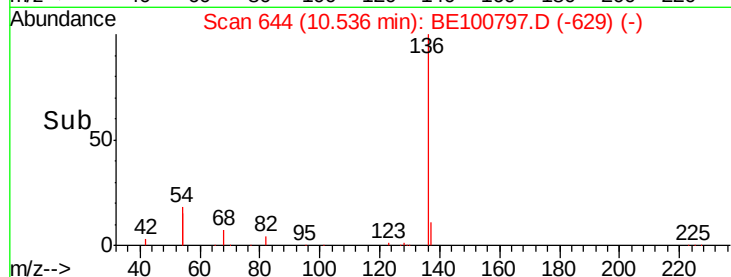


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.624 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

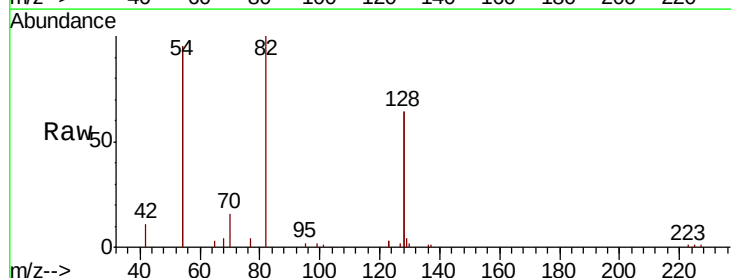
Tgt Ion: 82 Resp: 8382

Ion Ratio Lower Upper

82 100

128 128.7 97.0 145.4

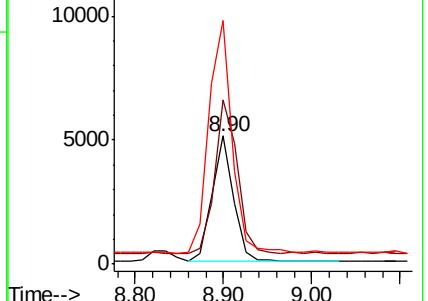
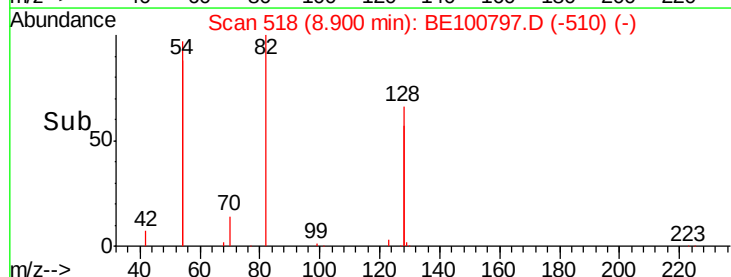
54 190.3 171.8 257.6

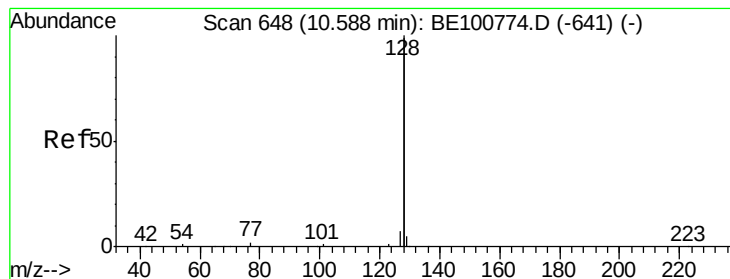


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.380 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

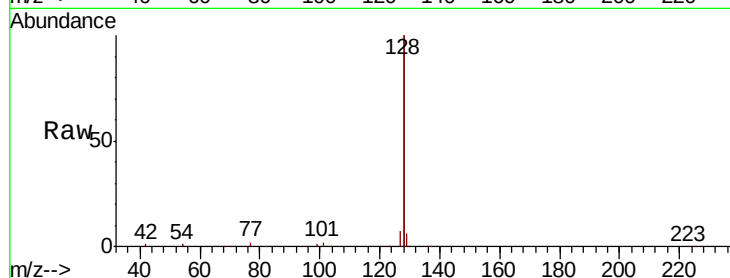
Tot Ion:128 Resp: 113861

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

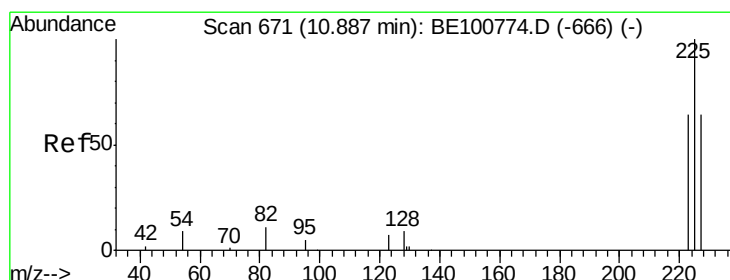
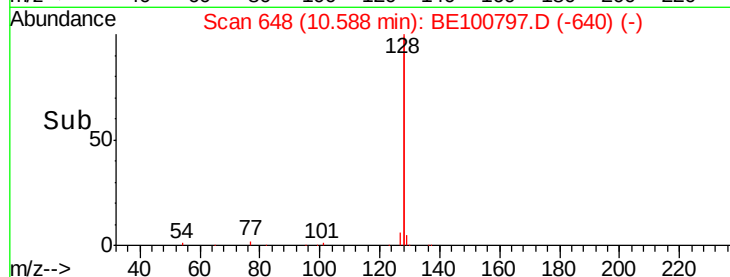
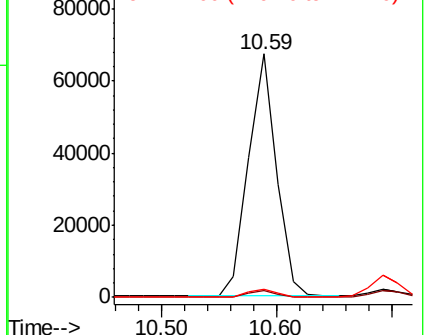
127 3.3 2.7 4.1



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: 0.363 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

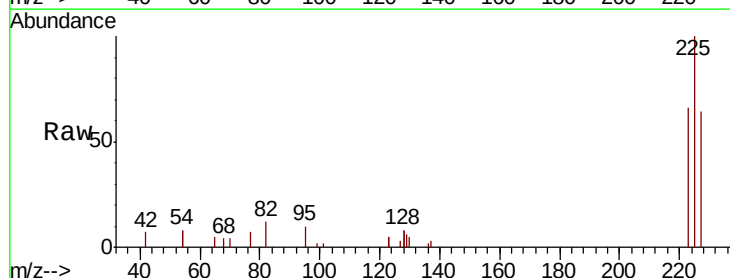
Tgt Ion:225 Resp: 4241

Ion Ratio Lower Upper

225 100

223 63.9 49.9 74.9

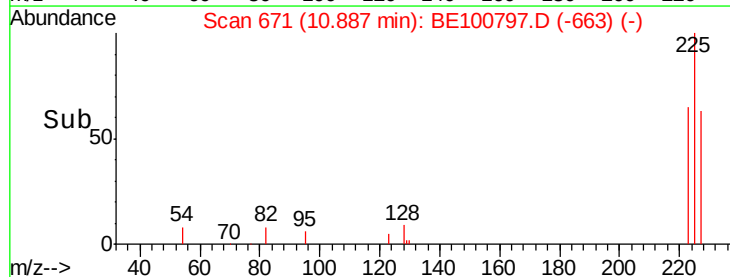
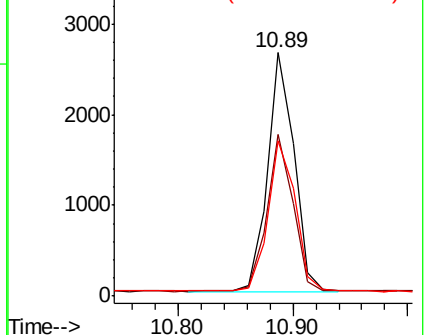
227 64.9 52.2 78.4

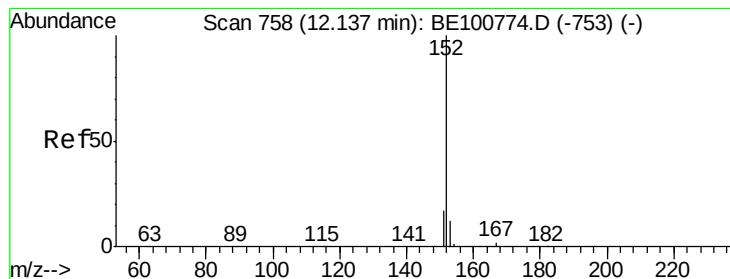


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

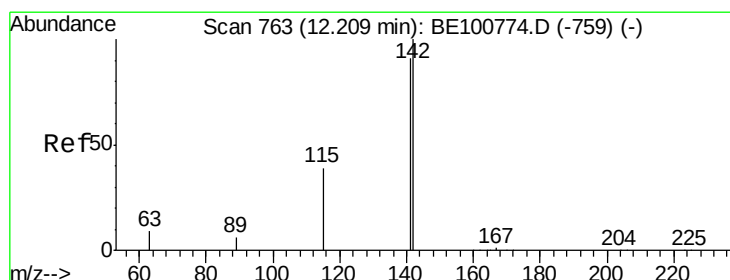
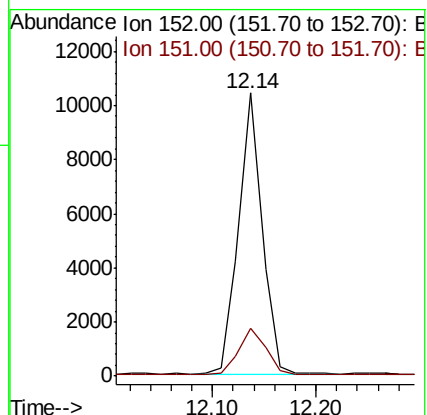
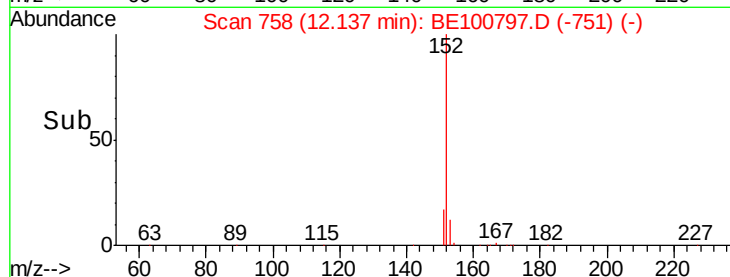
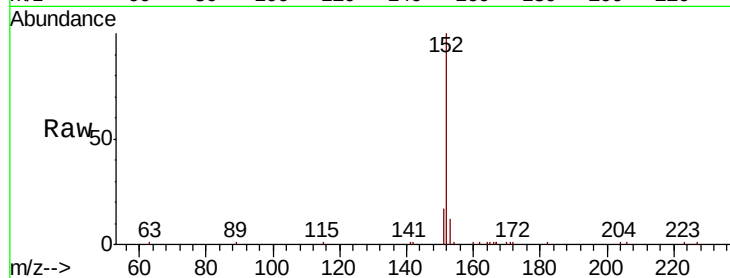
SSTDCCC0.4EC

Tot Ion:152 Resp: 16421

Ion Ratio Lower Upper

152 100

151 19.0 15.8 23.8



#12

2-Methylnaphthalene

Concen: 0.391 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

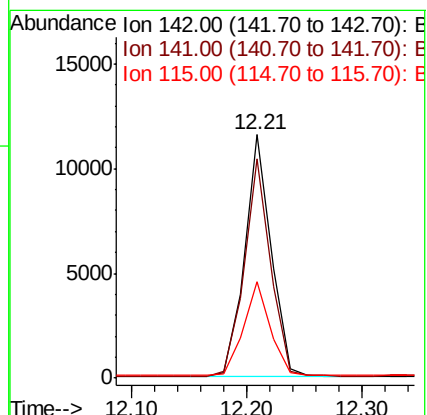
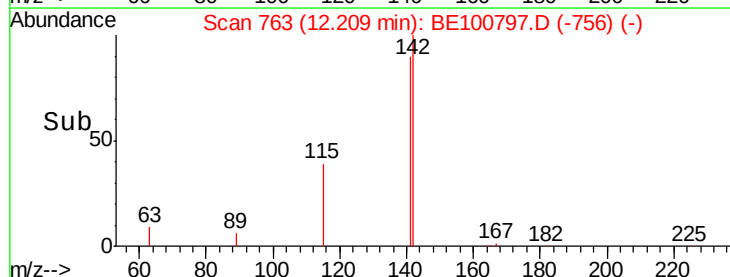
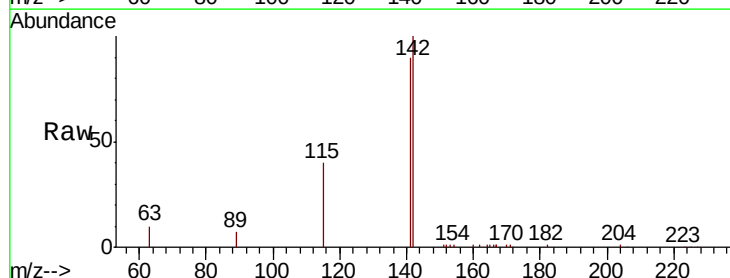
Tgt Ion:142 Resp: 18303

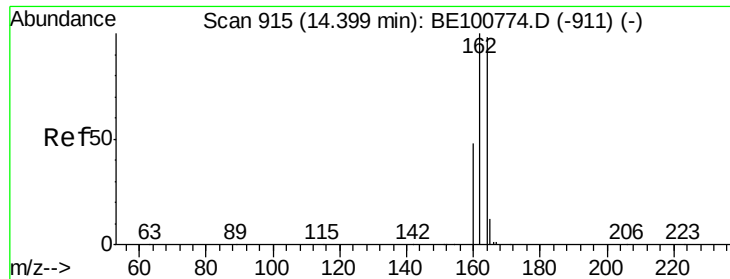
Ion Ratio Lower Upper

142 100

141 90.0 72.6 108.8

115 39.6 31.8 47.6

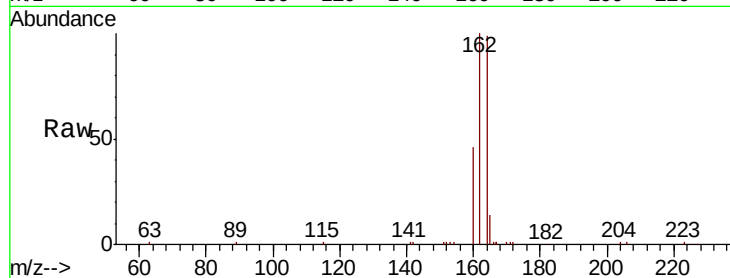




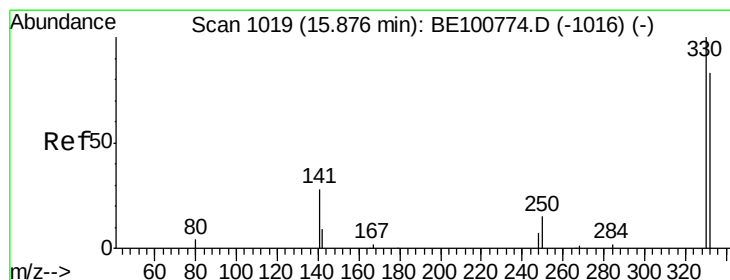
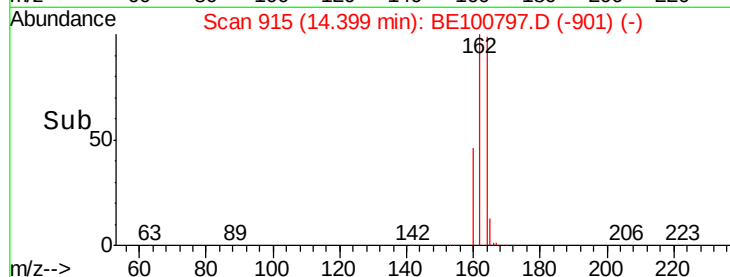
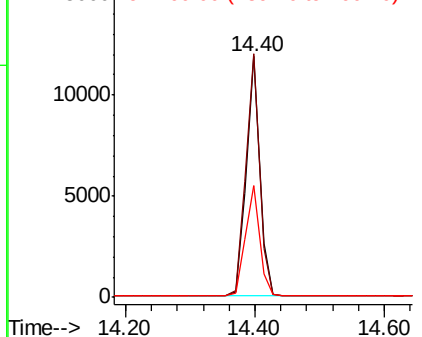
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 17238
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 46.2 39.4 59.0

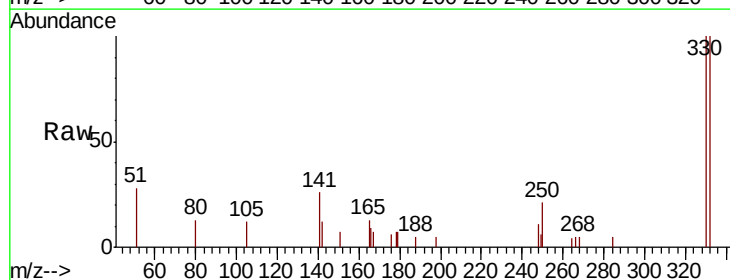


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

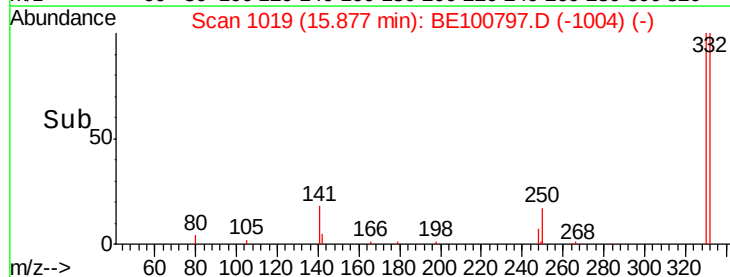
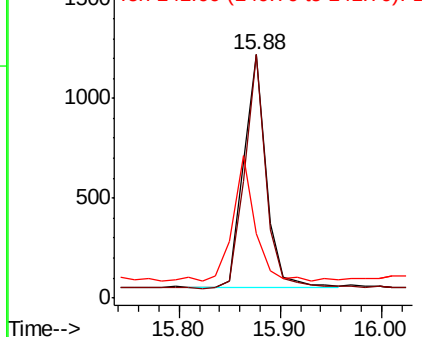


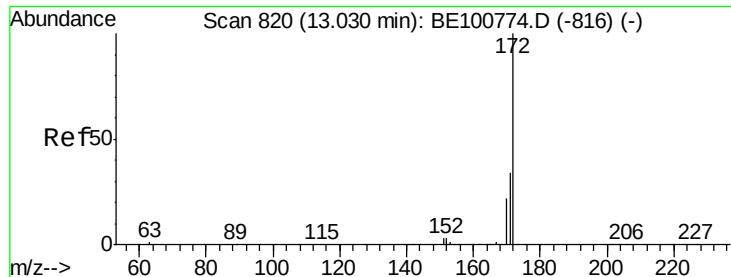
#14
2,4,6-Tribromophenol
Concen: 0.957 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Tgt Ion:330 Resp: 1834
Ion Ratio Lower Upper
330 100
332 94.7 69.4 104.2
141 52.4 51.1 76.7



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

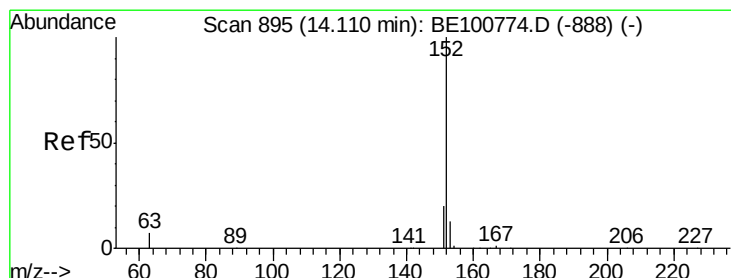
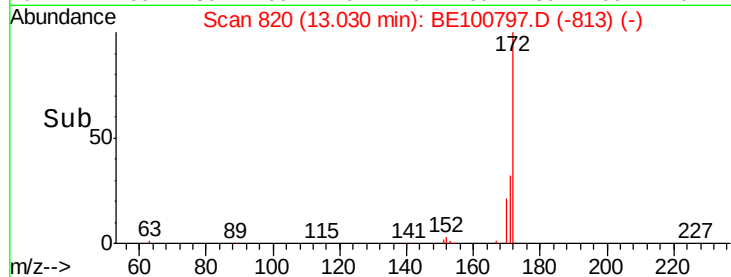
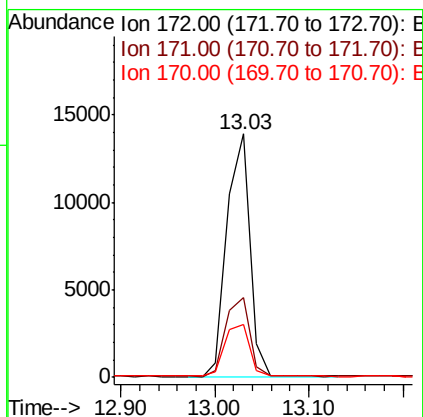
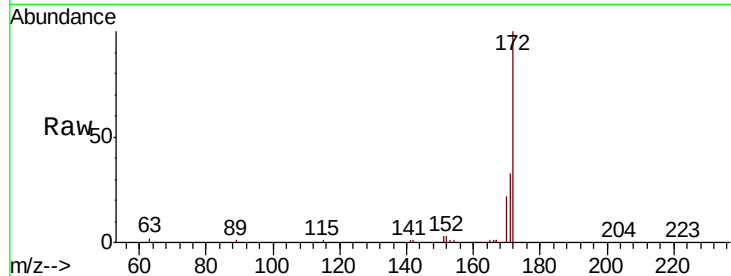




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

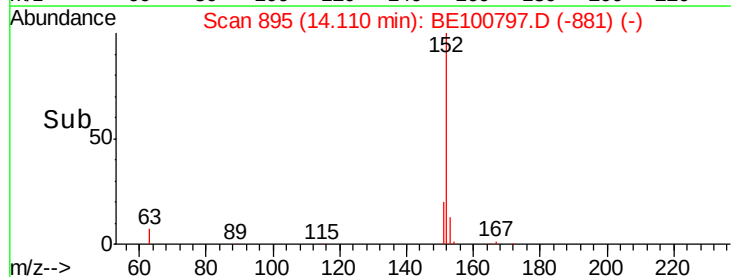
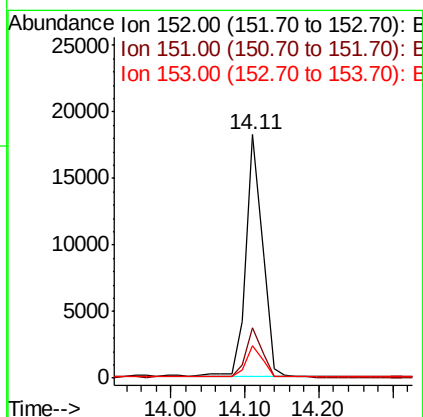
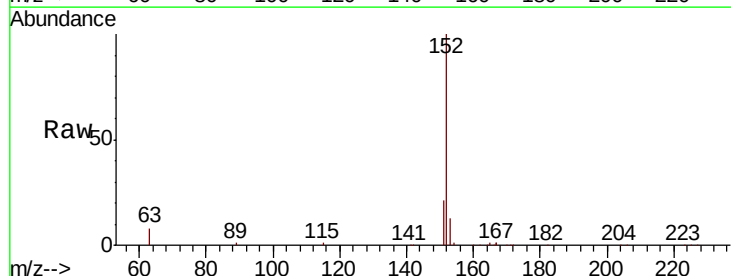
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

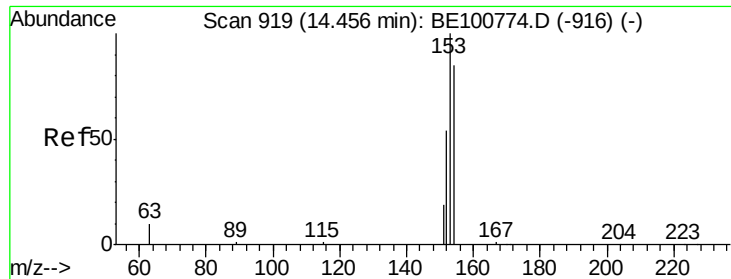
Tot Ion:172 Resp: 23441
Ion Ratio Lower Upper
172 100
171 32.7 27.2 40.8
170 21.8 18.0 27.0



#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Tgt Ion:152 Resp: 28270
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.8 10.4 15.6

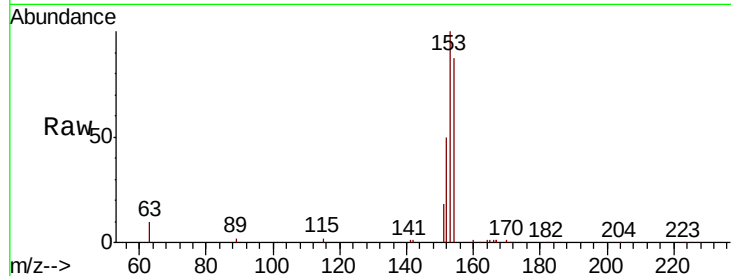




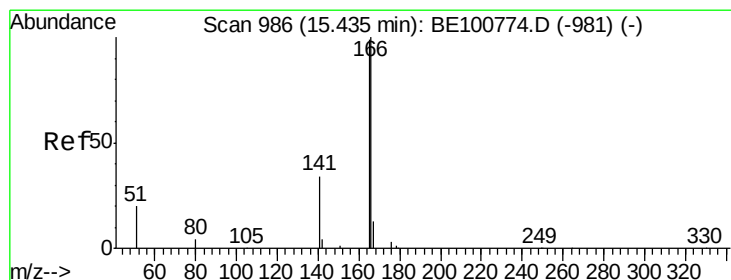
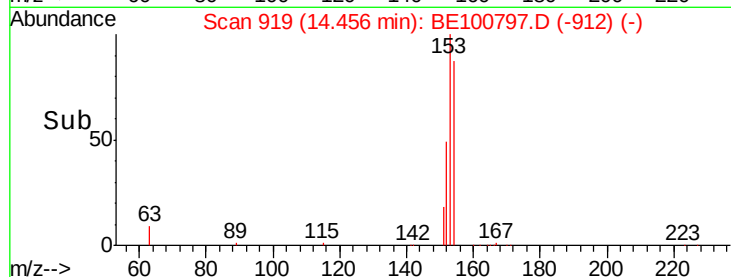
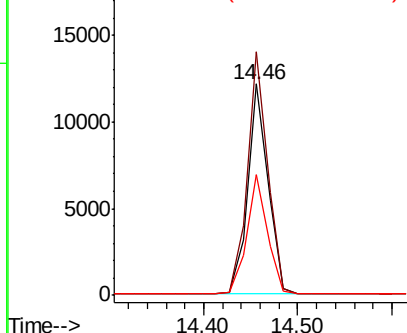
#17
Acenaphthene
Concen: 0.372 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 18267
Ion Ratio Lower Upper
154 100
153 114.4 92.2 138.2
152 57.4 49.1 73.7

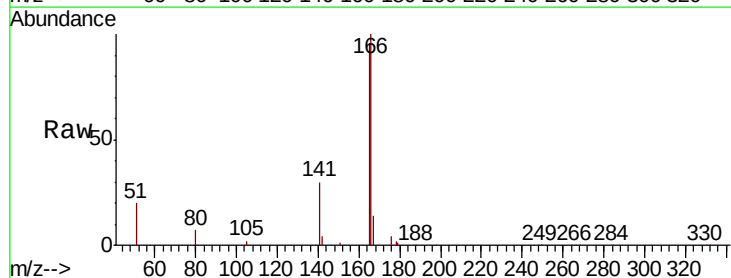


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

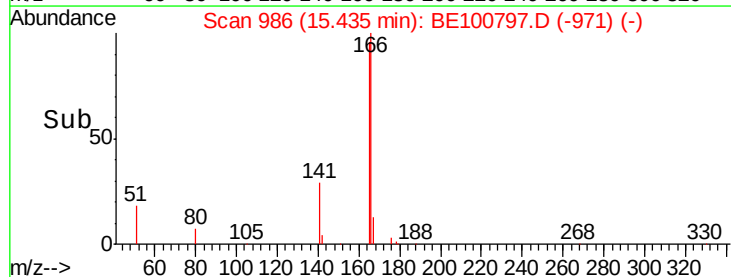
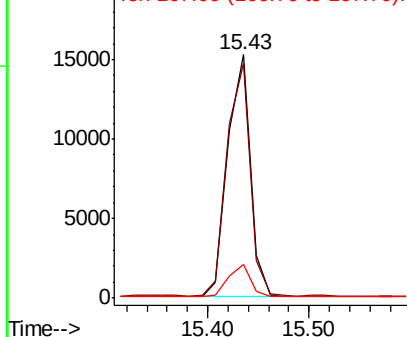


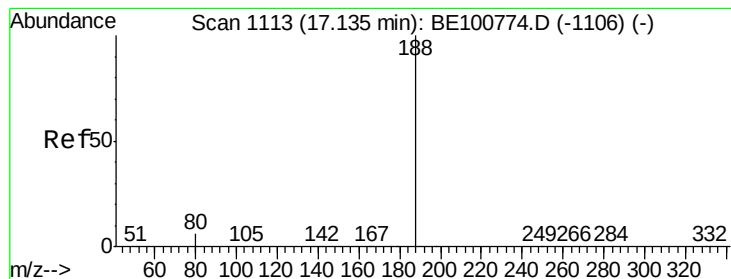
#18
Fluorene
Concen: 0.373 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Tgt Ion:166 Resp: 23626
Ion Ratio Lower Upper
166 100
165 98.5 80.5 120.7
167 13.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

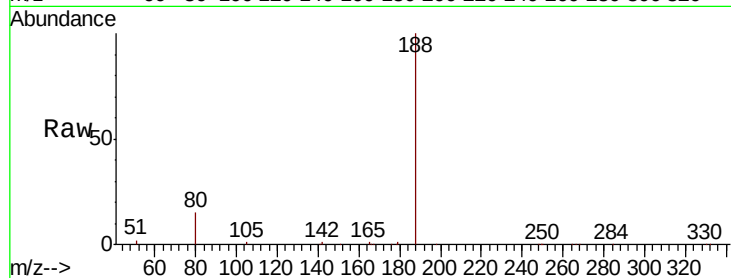
Tot Ion:188 Resp: 36418

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

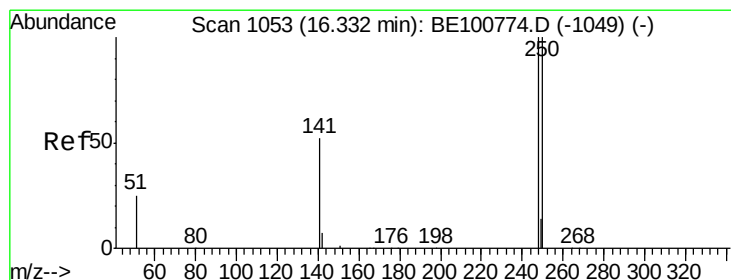
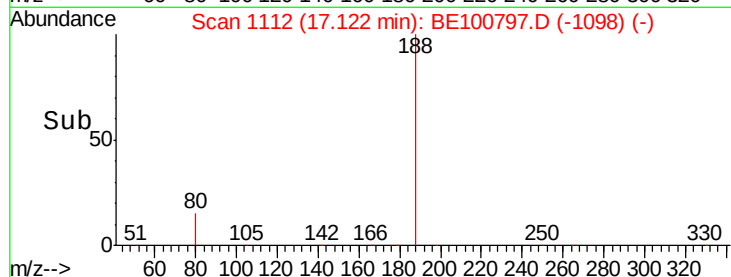
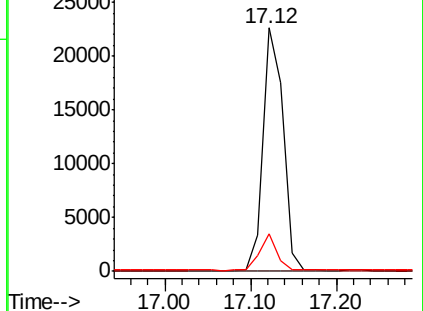
80 15.3 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.393 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

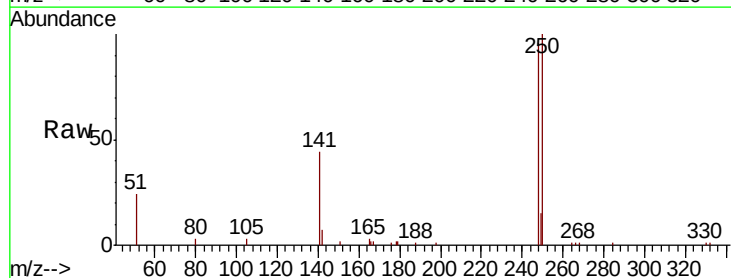
Tgt Ion:248 Resp: 7025

Ion Ratio Lower Upper

248 100

250 104.0 80.5 120.7

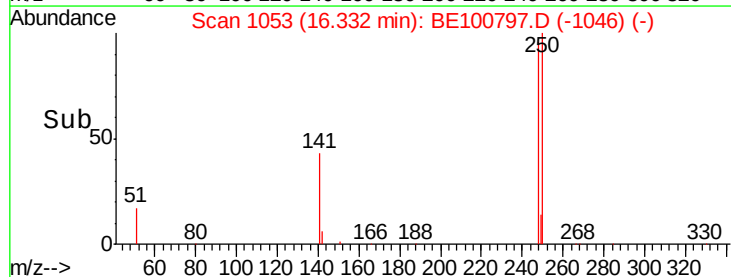
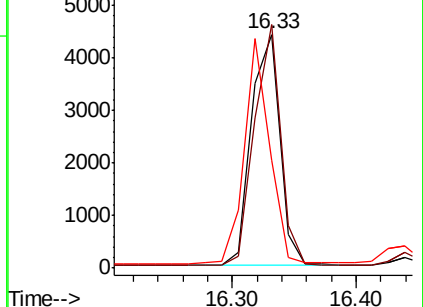
141 46.1 42.6 64.0

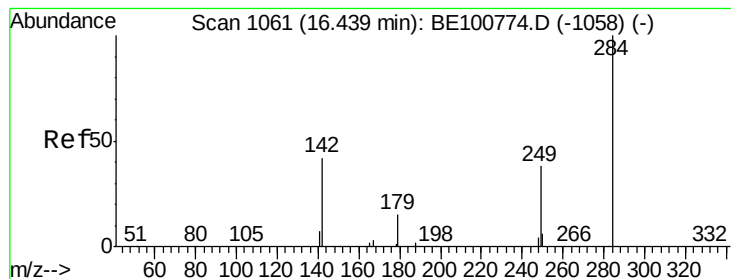


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.376 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

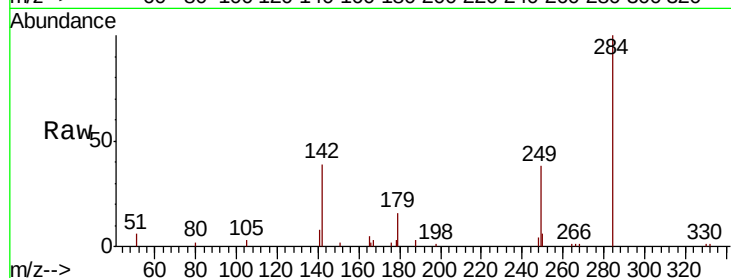
Tot Ion:284 Resp: 7291

Ion	Ratio	Lower	Upper
284	100		
142	43.3	34.4	51.6
249	35.1	28.5	42.7

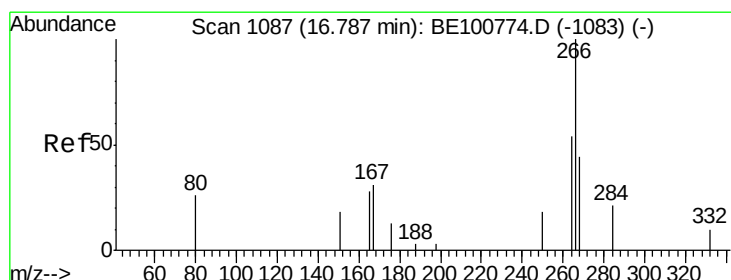
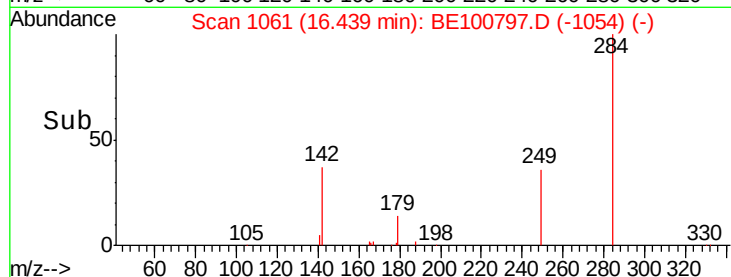
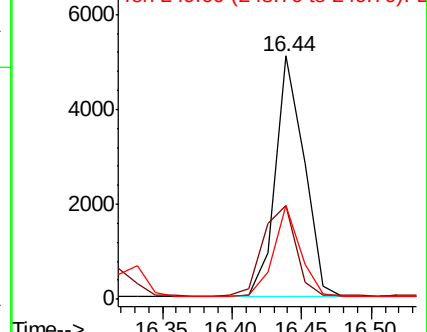
284 100

142 43.3 34.4 51.6

249 35.1 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.084 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

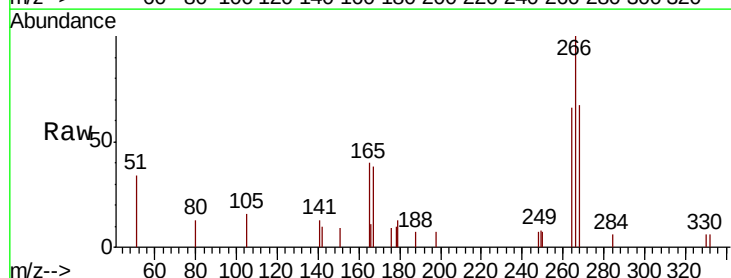
Tgt Ion:266 Resp: 1455

Ion	Ratio	Lower	Upper
266	100		
264	66.4	63.4	95.0
268	67.4	65.8	98.8

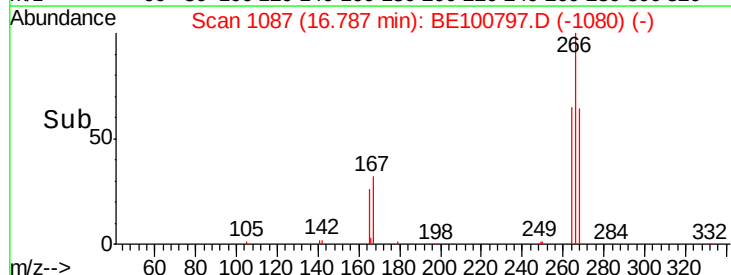
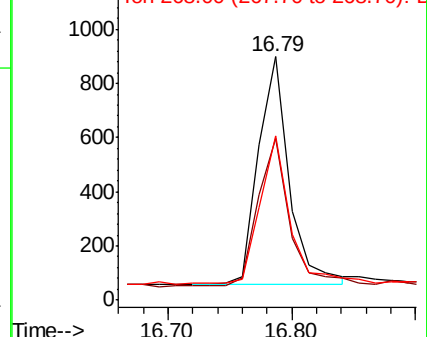
266 100

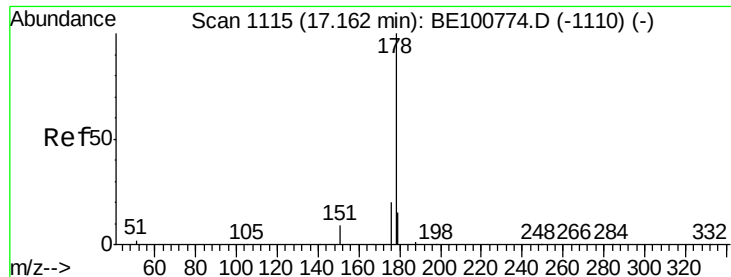
264 66.4 63.4 95.0

268 67.4 65.8 98.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

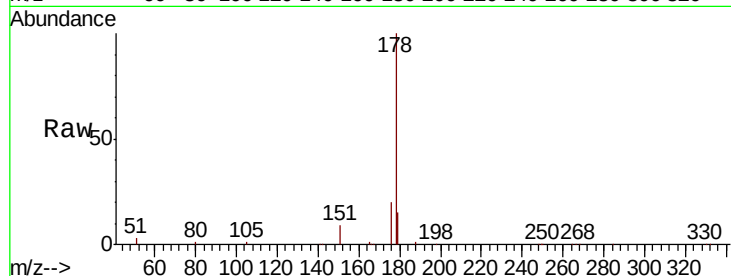
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 41713

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.3	18.5

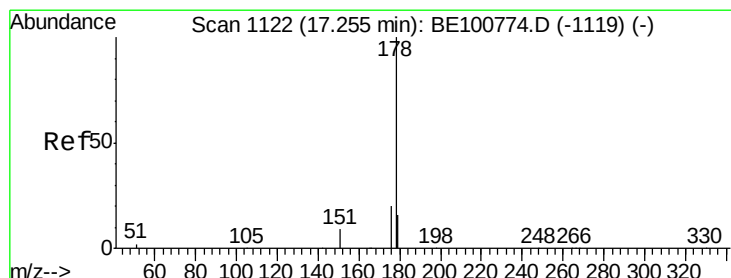
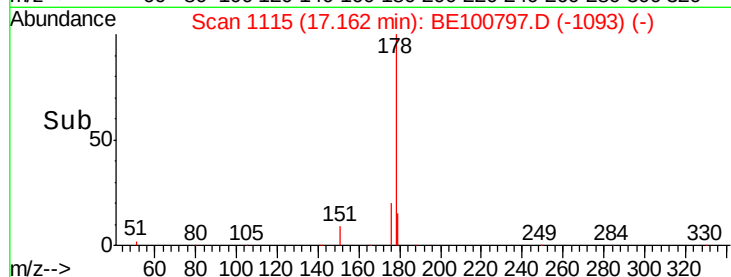
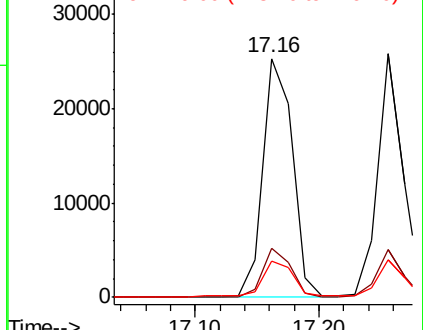


Abundance

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: 0.391 ng

RT: 17.26 min Scan# 1122

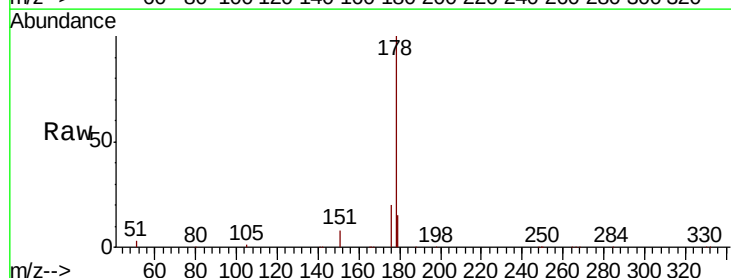
Delta R.T. 0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Tgt Ion:178 Resp: 36094

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.7	19.1

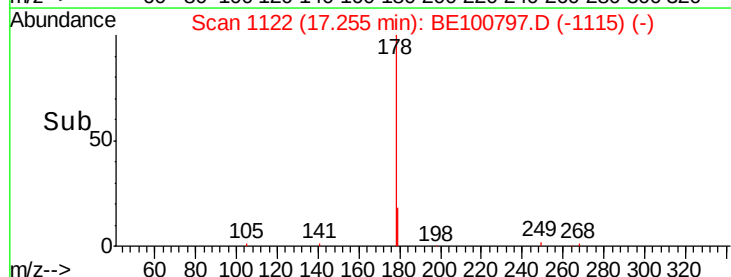
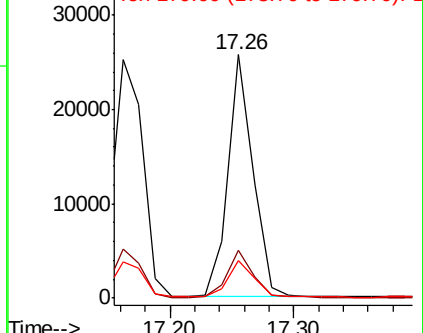


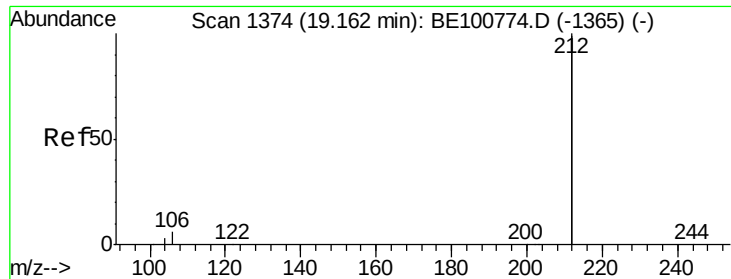
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

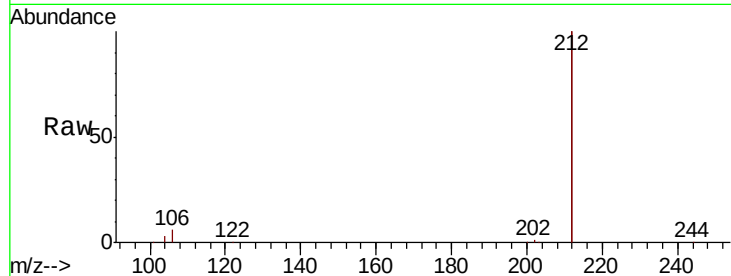
Tot Ion:212 Resp: 160342

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

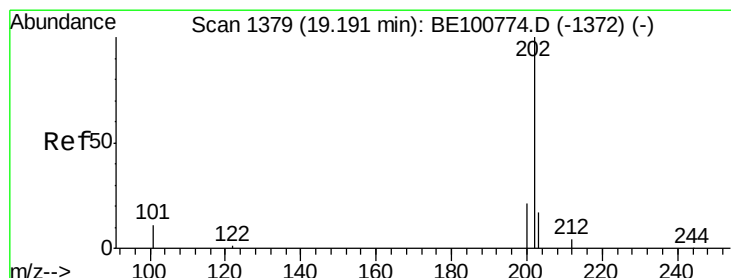
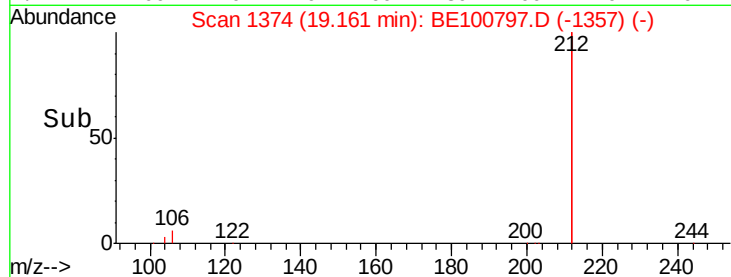
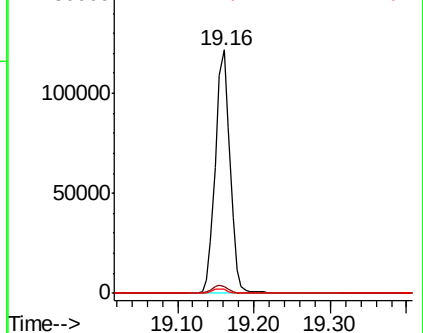
104 1.8 1.4 2.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.356 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

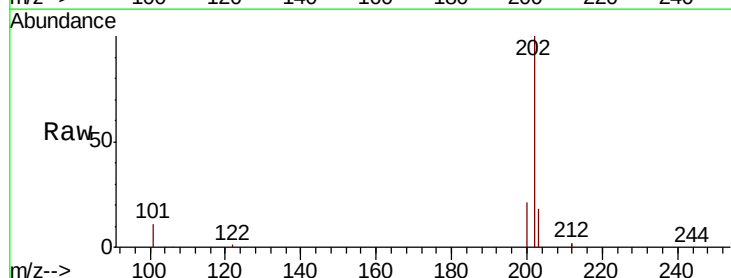
Tgt Ion:202 Resp: 46884

Ion Ratio Lower Upper

202 100

101 11.7 9.1 13.7

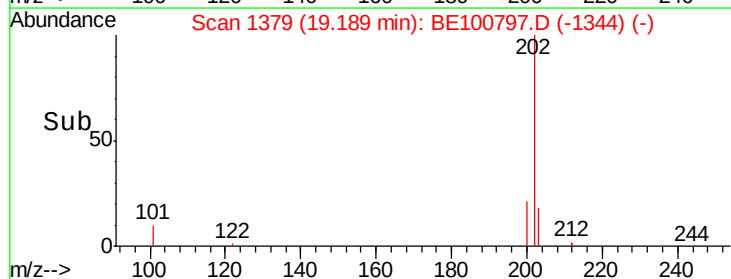
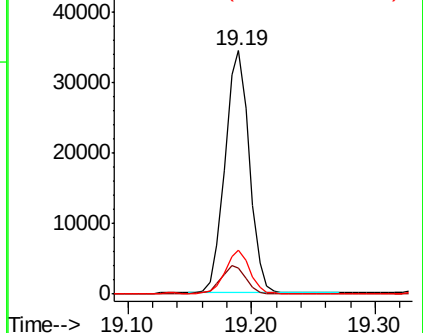
203 17.4 13.8 20.6

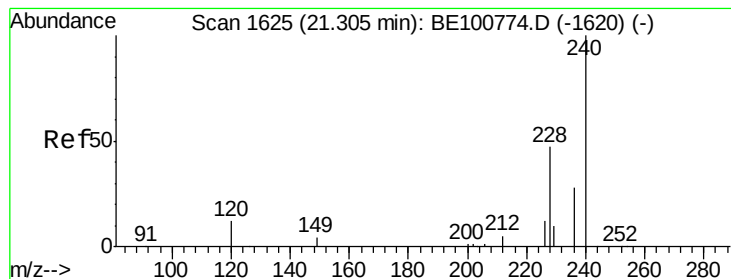


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.30 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

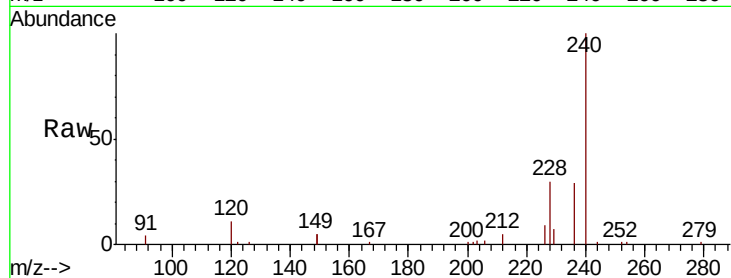
Tot Ion:240 Resp: 35083

Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.2

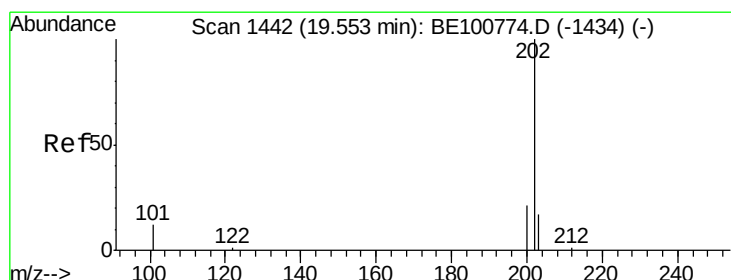
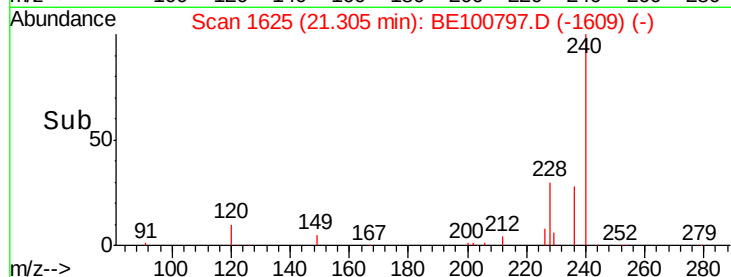
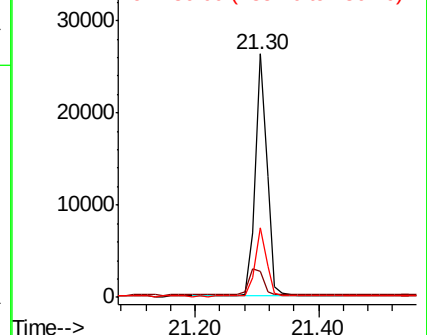
236 28.6 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.424 ng

RT: 19.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

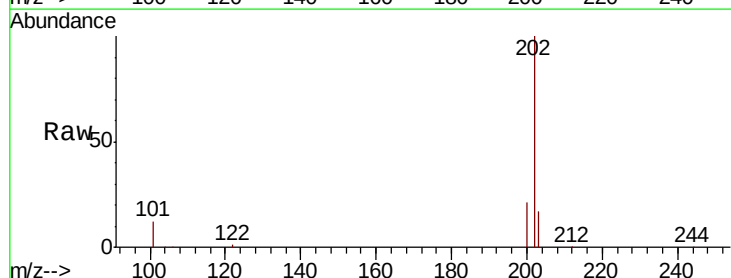
Tgt Ion:202 Resp: 48378

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

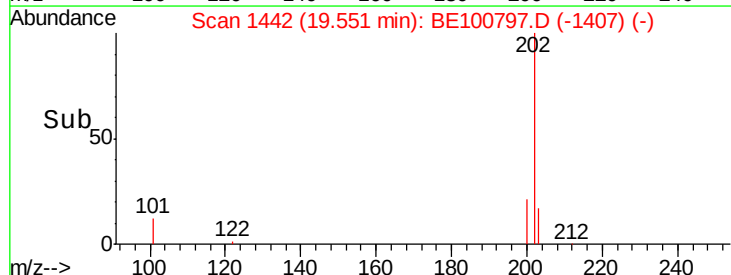
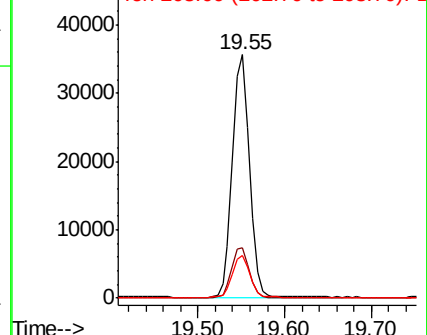
203 17.3 13.9 20.9

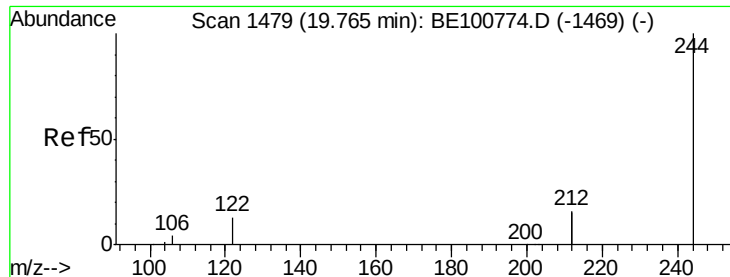


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

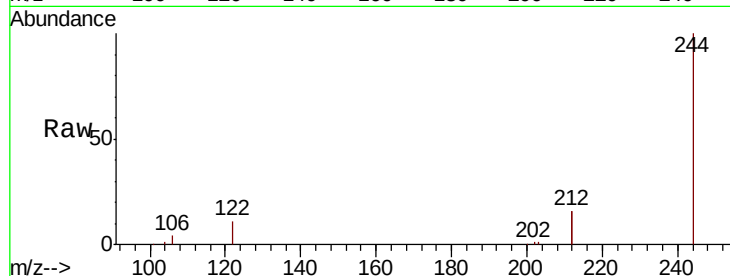




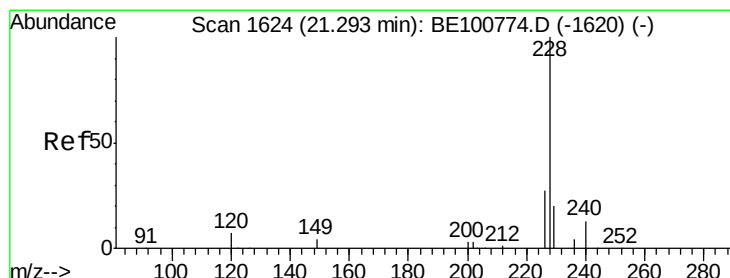
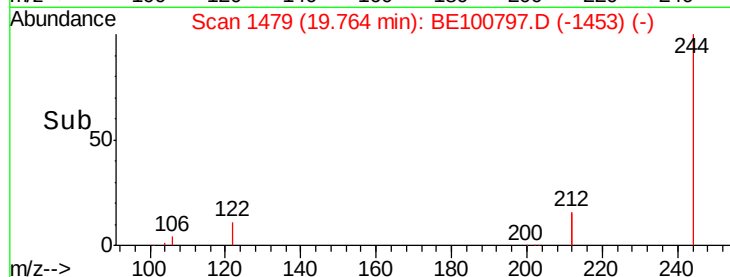
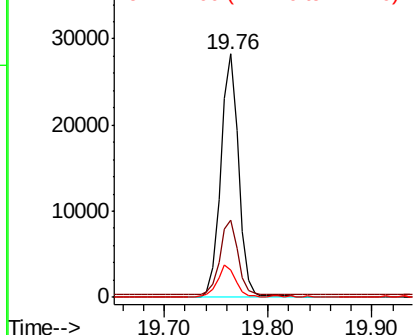
#29
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.76 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BE100797.D
 Acq: 5 Dec 2019 20:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:244 Resp: 33349
 Ion Ratio Lower Upper
 244 100
 212 31.8 26.2 39.4
 122 11.3 10.2 15.4

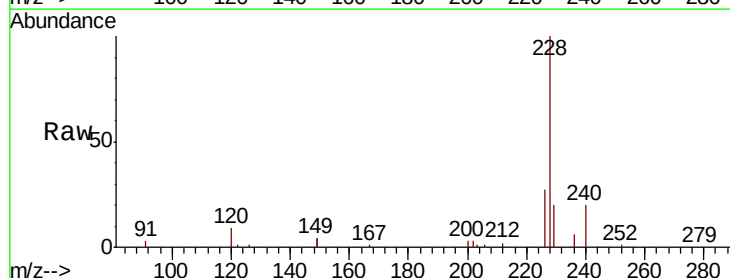


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

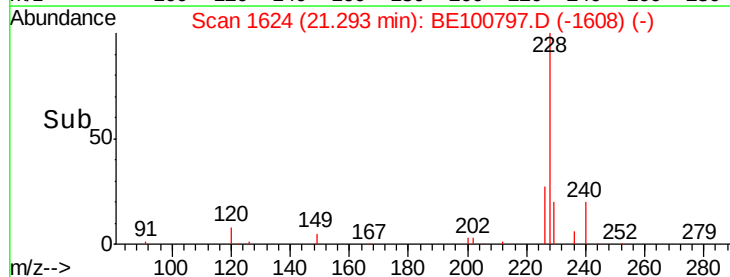
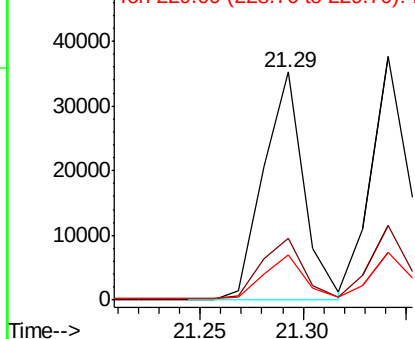


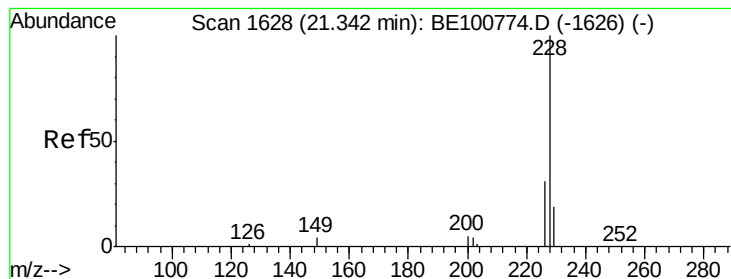
#30
 Benzo(a)anthracene
 Concen: 0.461 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100797.D
 Acq: 5 Dec 2019 20:08

Tgt Ion:228 Resp: 47713
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.5 32.3
 229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

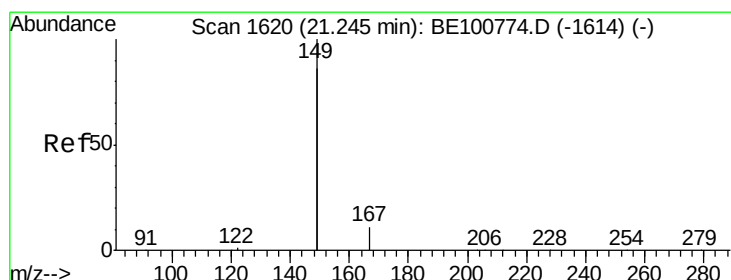
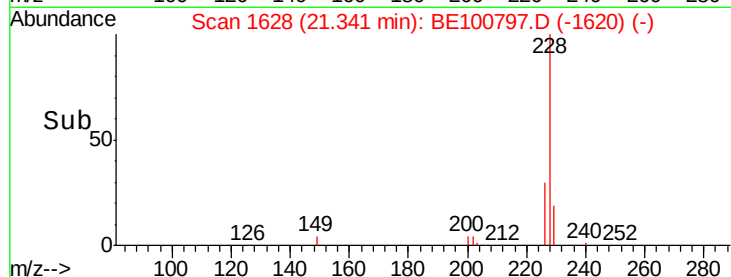
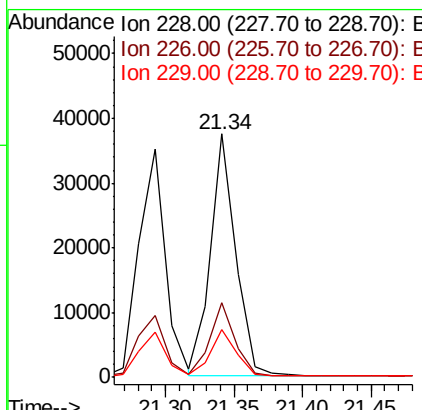
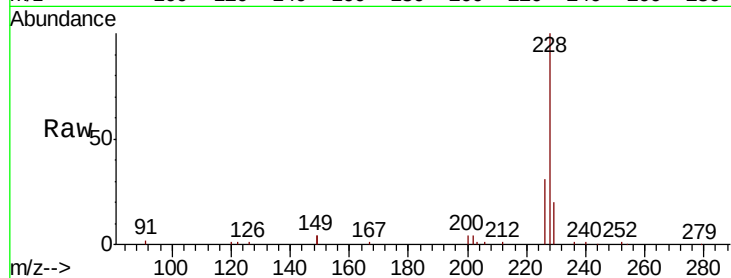




#31
Chrysene
Concen: 0.390 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

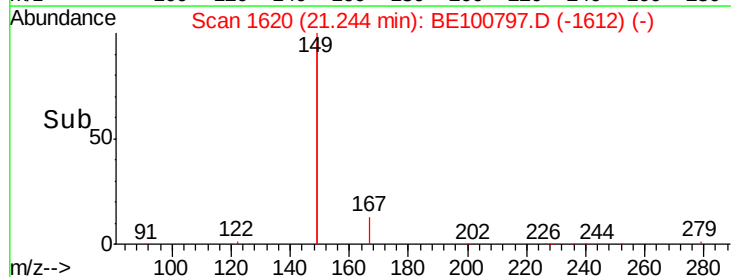
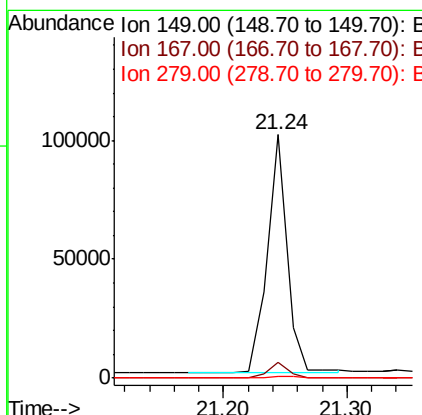
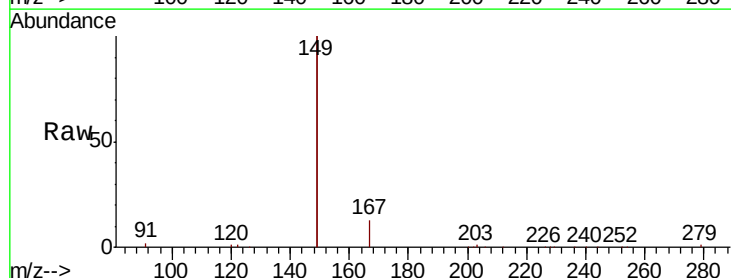
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

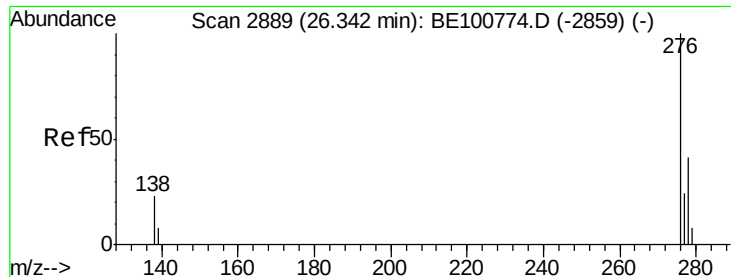
Tot Ion:228 Resp: 47422
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 19.8 15.4 23.2



#32
Bis(2-ethylhexyl)phthalate
Concen: 1.322 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100797.D
Acq: 5 Dec 2019 20:08

Tgt Ion:149 Resp: 113550
Ion Ratio Lower Upper
149 100
167 6.4 5.0 7.6
279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.503 ng

RT: 26.33 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

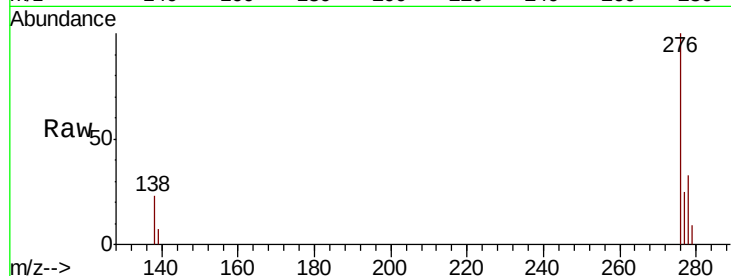
Tot Ion:276 Resp: 53230

Ion Ratio Lower Upper

276 100

138 24.7 19.4 29.0

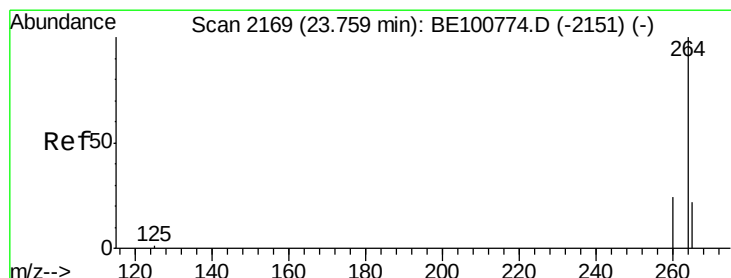
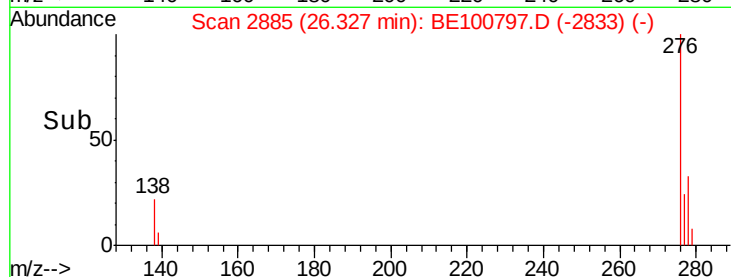
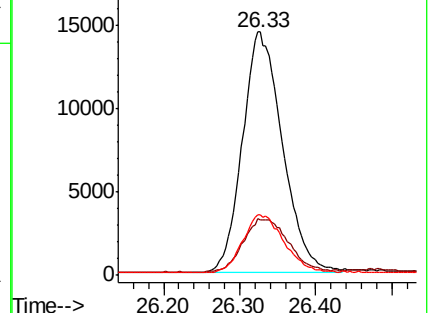
277 24.7 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

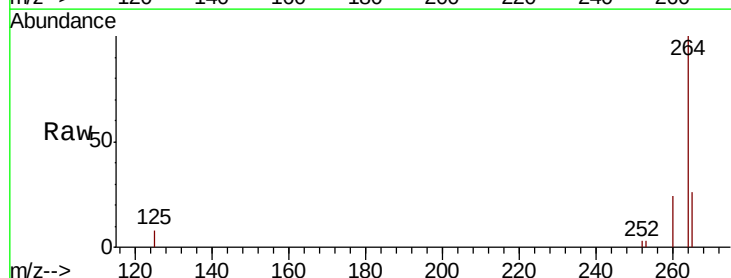
Tgt Ion:264 Resp: 43340

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

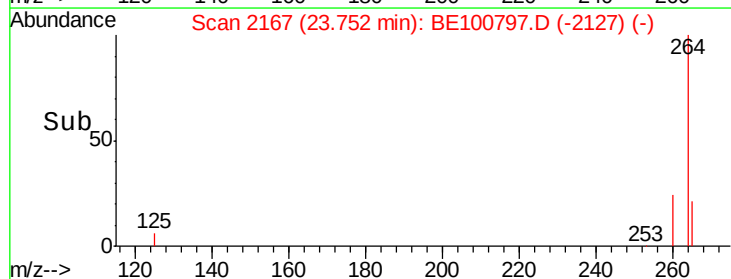
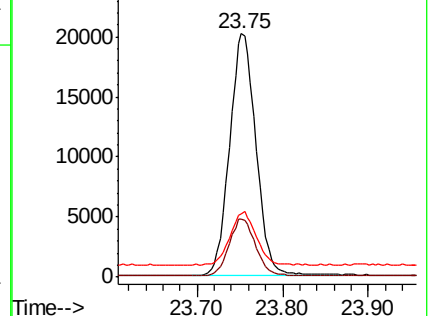
265 25.9 21.8 32.8

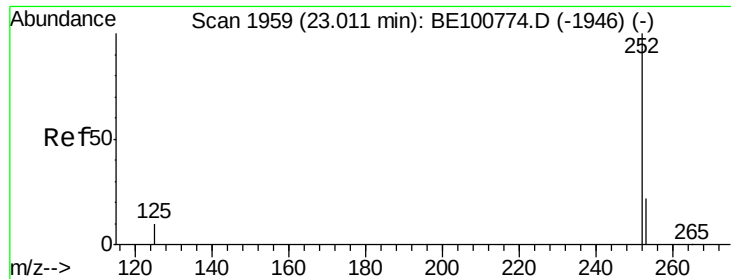


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.397 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

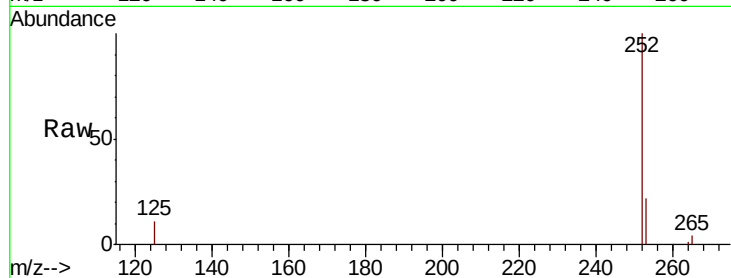
Tot Ion:252 Resp: 47092

Ion Ratio Lower Upper

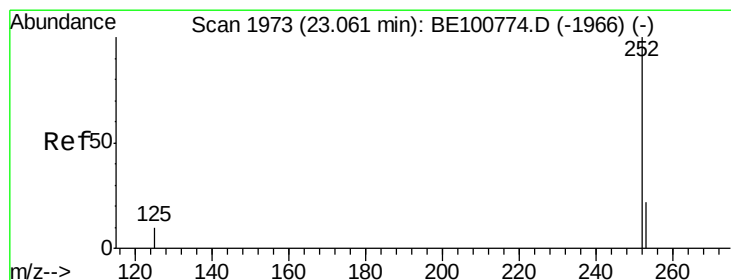
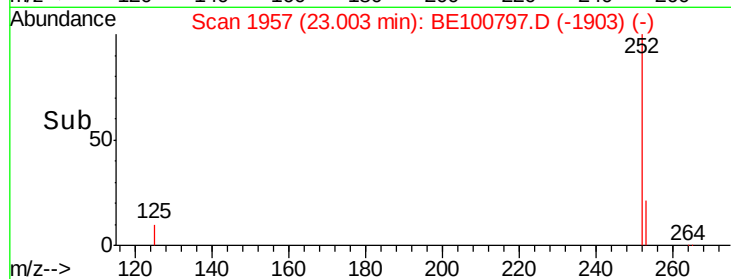
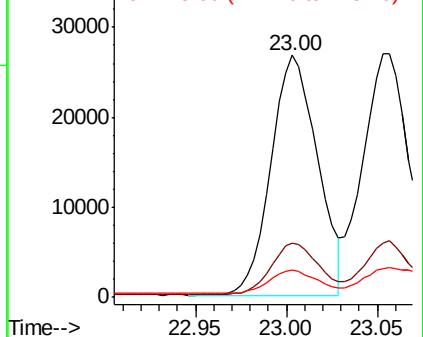
252 100

253 22.3 17.8 26.8

125 11.1 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.365 ng

RT: 23.05 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

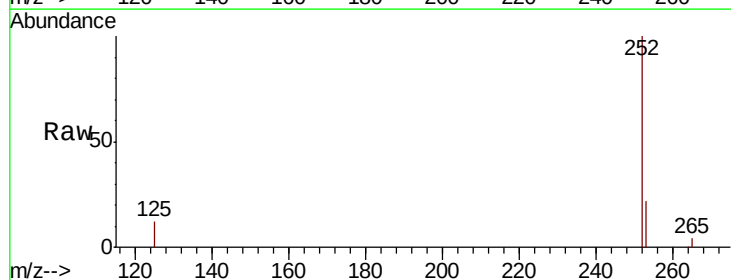
Tgt Ion:252 Resp: 48620

Ion Ratio Lower Upper

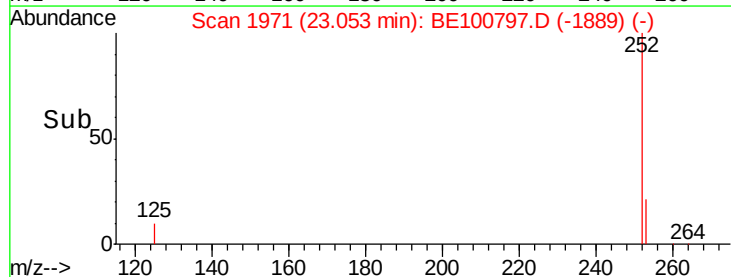
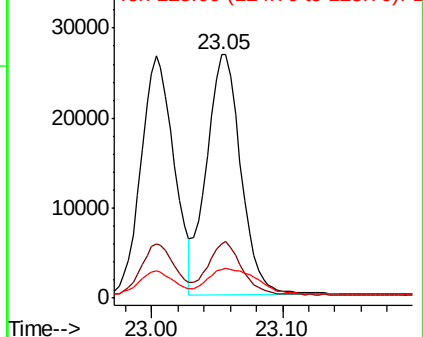
252 100

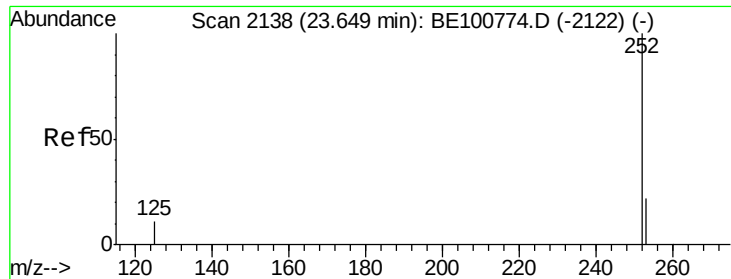
253 22.5 17.8 26.8

125 11.9 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.430 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

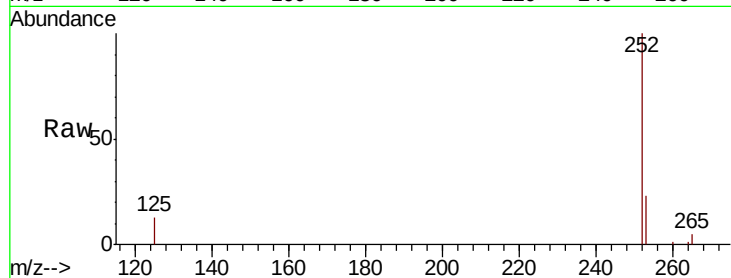
Tot Ion:252 Resp: 44147

Ion Ratio Lower Upper

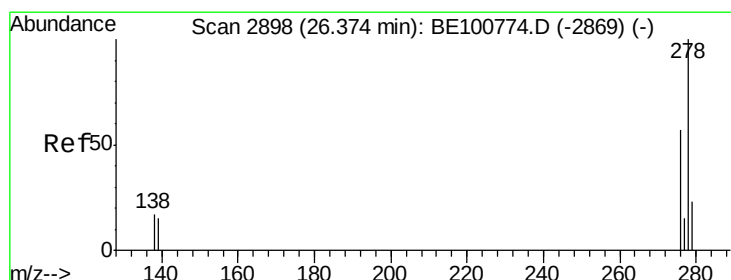
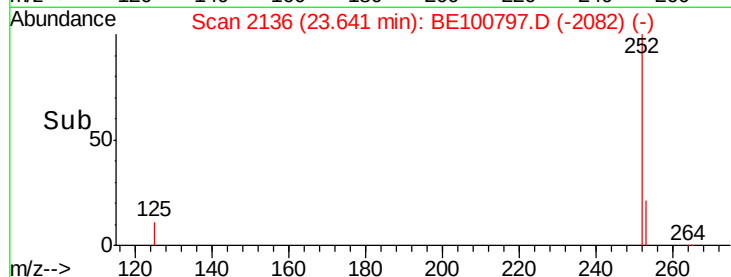
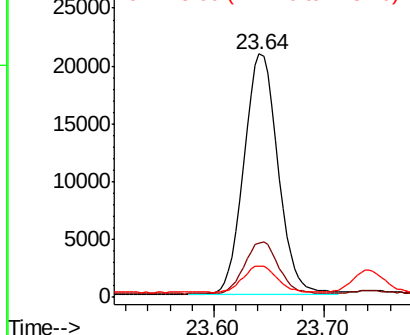
252 100

253 22.5 18.2 27.4

125 12.7 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.429 ng

RT: 26.36 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

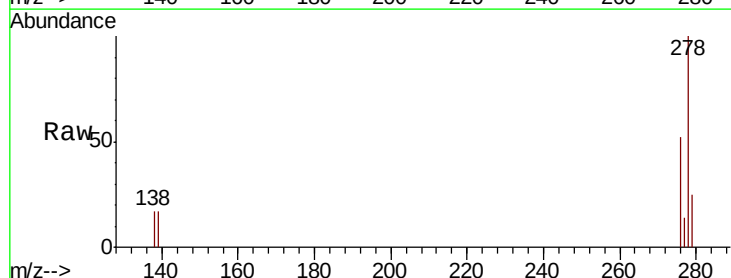
Tgt Ion:278 Resp: 43809

Ion Ratio Lower Upper

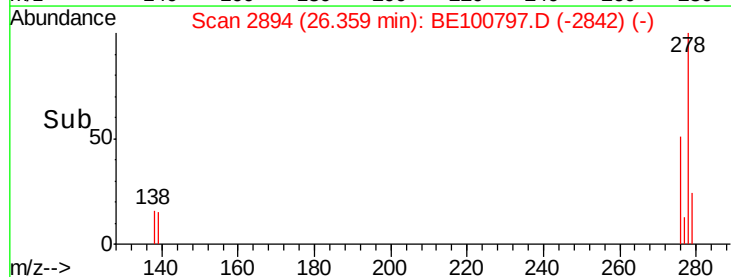
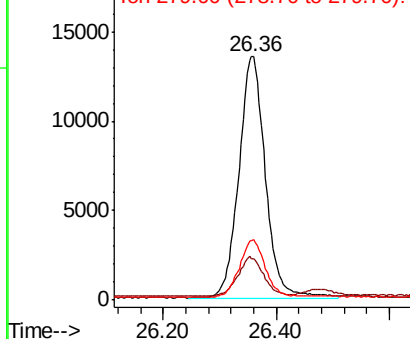
278 100

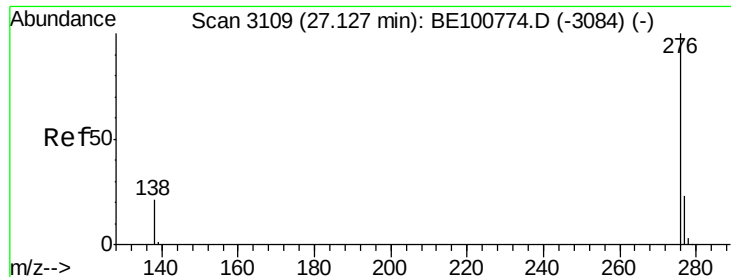
139 17.0 13.0 19.4

279 24.6 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.407 ng

RT: 27.12 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BE100797.D

Acq: 5 Dec 2019 20:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

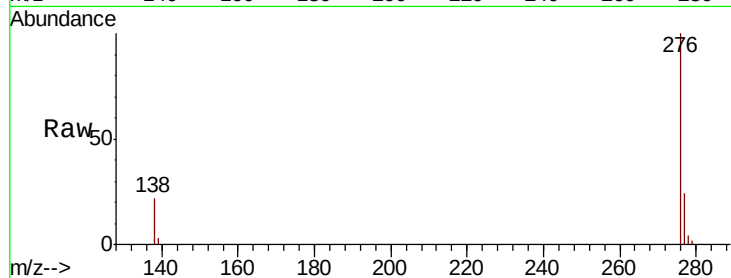
Tot Ion: 276 Resp: 44514

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 22.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

