

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100769.D
 Acq On : 22 Nov 2019 22:41
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Nov 23 04:26:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5199	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	23069	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12834	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	29160	0.40	ng	0.00
27) Chrysene-d12	21.32	240	31399	0.40	ng	0.00
34) Perylene-d12	23.77	264	35167	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6285	0.45	ng	0.00
5) Phenol-d6	6.93	99	9067	0.44	ng	0.00
8) Nitrobenzene-d5	8.90	82	5669	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13841	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	996	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	20112	0.40	ng	0.00
25) Fluoranthene-d10	19.17	212	137203	0.38	ng	0.00
29) Terphenyl-d14	19.77	244	30108	0.42	ng	0.00

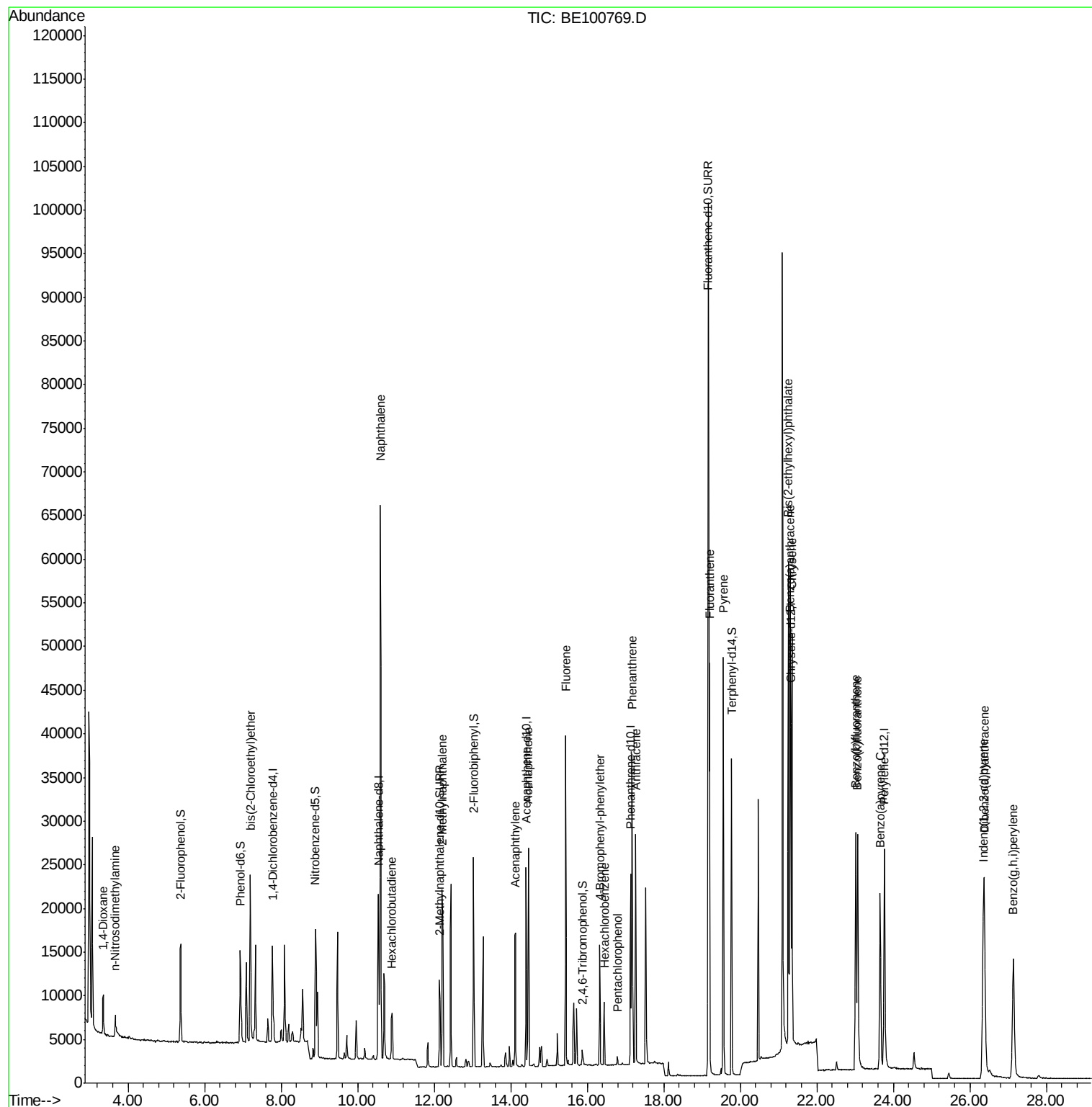
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3863	0.396	ng	92
3) n-Nitrosodimethylamine	3.66	42	3245	0.527	ng	# 94
6) bis(2-Chloroethyl)ether	7.19	93	7157	0.420	ng	99
9) Naphthalene	10.59	128	100326	0.410	ng	100
10) Hexachlorobutadiene	10.90	225	3943	0.419	ng	98
12) 2-Methylnaphthalene	12.21	142	15482	0.400	ng	94
16) Acenaphthylene	14.12	152	21304	0.386	ng	100
17) Acenaphthene	14.46	154	14551	0.393	ng	100
18) Fluorene	15.43	166	18441	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	5484	0.382	ng	# 85
21) Hexachlorobenzene	16.45	284	5844	0.390	ng	98
22) Pentachlorophenol	16.79	266	545	0.300	ng	99
23) Phenanthrene	17.17	178	35142	0.400	ng	99
24) Anthracene	17.27	178	29307	0.387	ng	100
26) Fluoranthene	19.20	202	40805	0.380	ng	100
28) Pyrene	19.55	202	43180	0.444	ng	99
30) Benzo(a)anthracene	21.29	228	42281	0.399	ng	96
31) Chrysene	21.35	228	43164	0.401	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	58604	0.401	ng	99
33) Indeno(1,2,3-cd)pyrene	26.35	276	40201	0.403	ng	100
35) Benzo(b)fluoranthene	23.02	252	38509	0.349	ng	99
36) Benzo(k)fluoranthene	23.07	252	40235	0.350	ng	99
37) Benzo(a)pyrene	23.66	252	33834	0.348	ng	99
38) Dibenzo(a,h)anthracene	26.38	278	33076	0.323	ng	98
39) Benzo(g,h,i)perylene	27.14	276	35097	0.363	ng	99

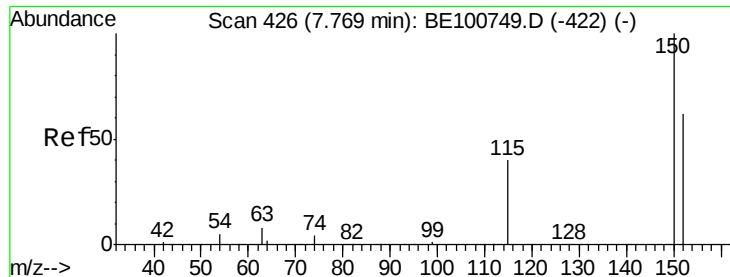
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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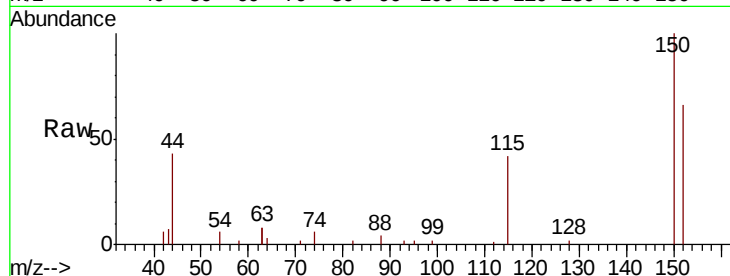


#1

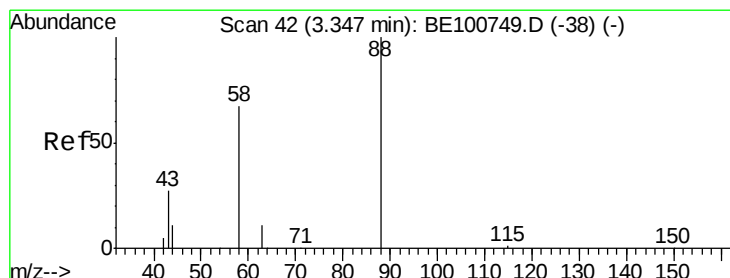
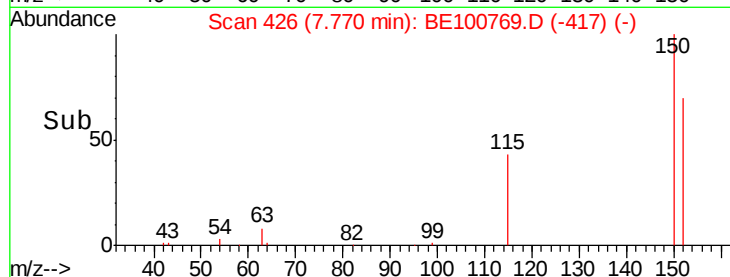
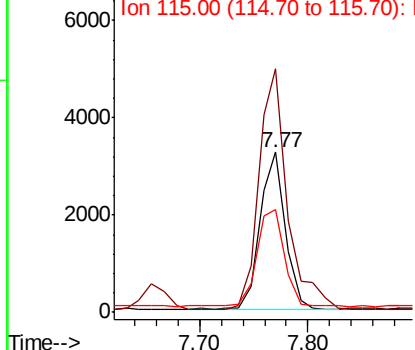
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 5199
Ion Ratio Lower Upper
152 100
150 152.4 127.1 190.7
115 64.0 53.0 79.4



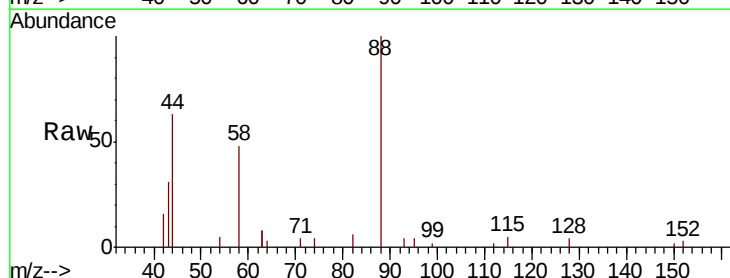
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



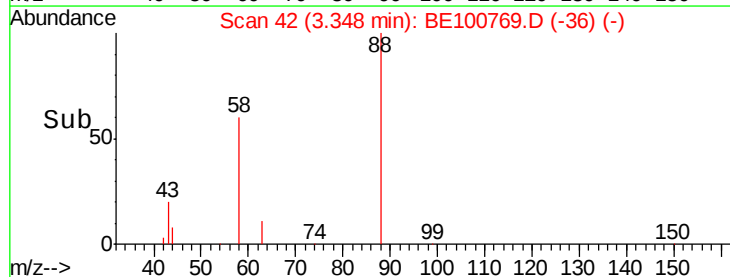
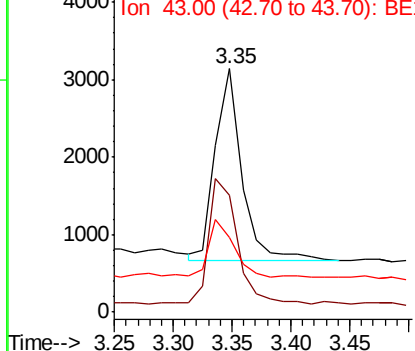
#2

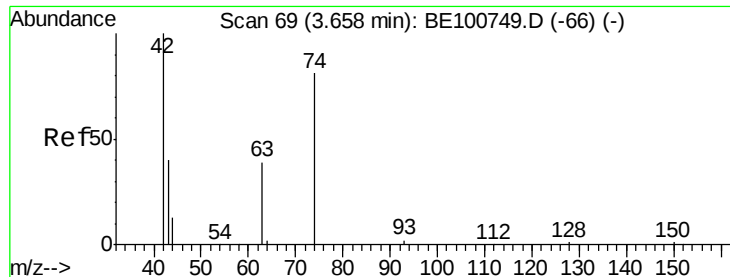
1,4-Dioxane
Concen: 0.396 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Tgt Ion: 88 Resp: 3863
Ion Ratio Lower Upper
88 100
58 70.0 60.7 91.1
43 28.7 27.4 41.2



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.527 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

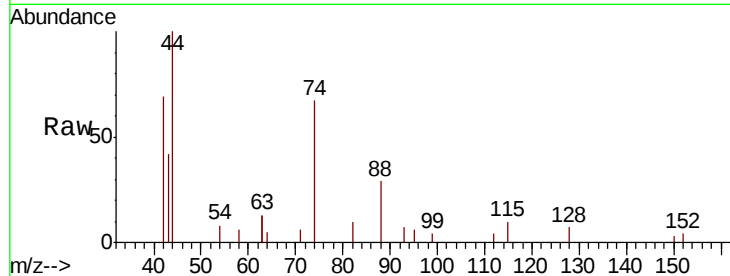
Tot Ion: 42 Resp: 3245

Ion Ratio Lower Upper

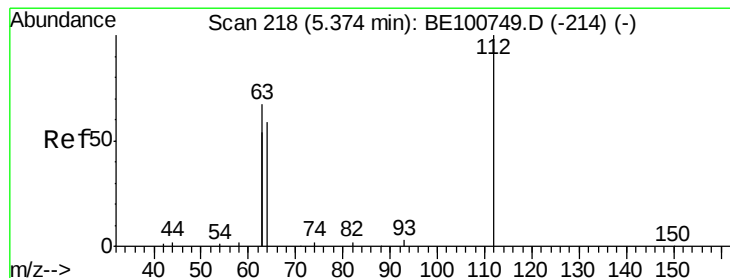
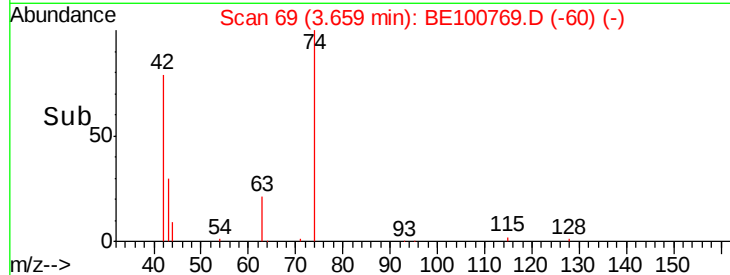
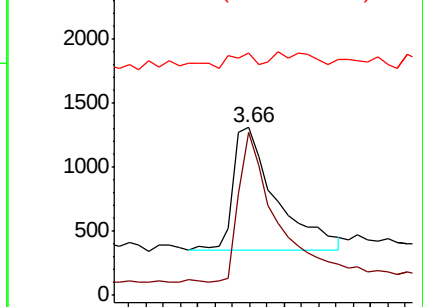
42 100

74 111.2 0.0 0.0#

44 7.3 4.2 6.4#



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: 0.447 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

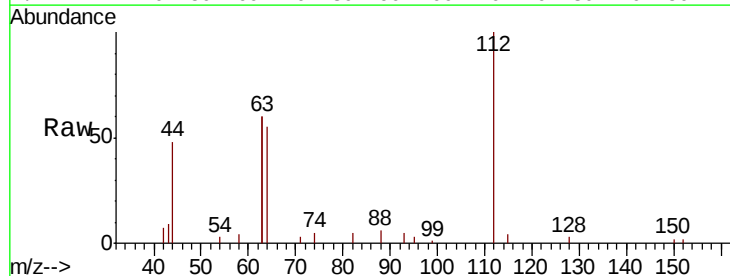
Tgt Ion: 112 Resp: 6285

Ion Ratio Lower Upper

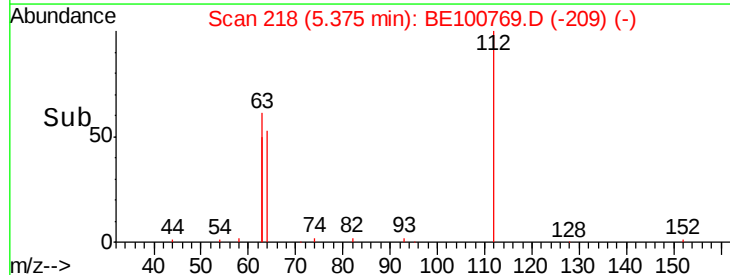
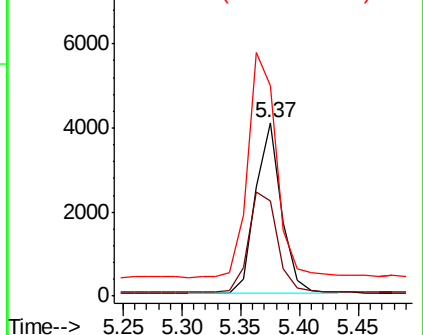
112 100

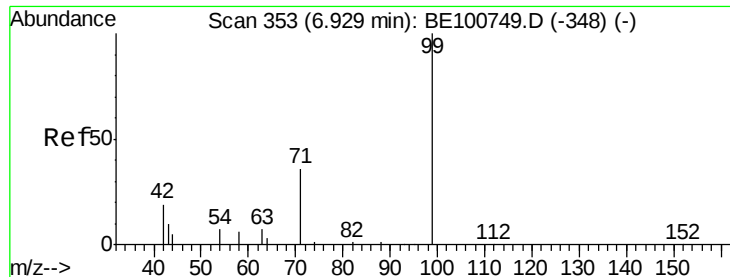
64 64.8 54.3 81.5

63 145.0 114.0 171.0



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





#5

Phenol-d6

Concen: 0.444 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

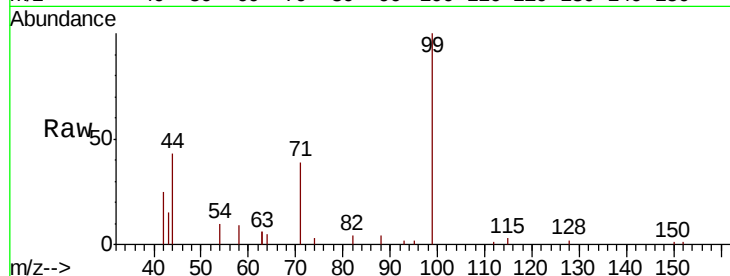
Tot Ion: 99 Resp: 9067

Ion Ratio Lower Upper

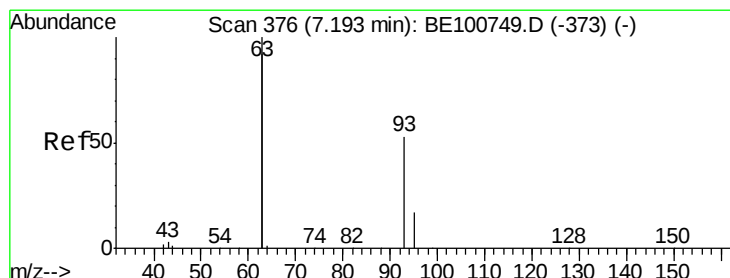
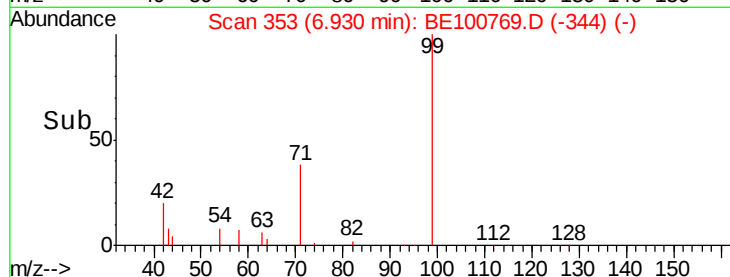
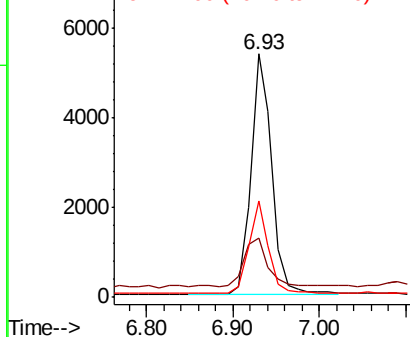
99 100

42 22.6 17.9 26.9

71 35.6 29.3 43.9



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: 0.420 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

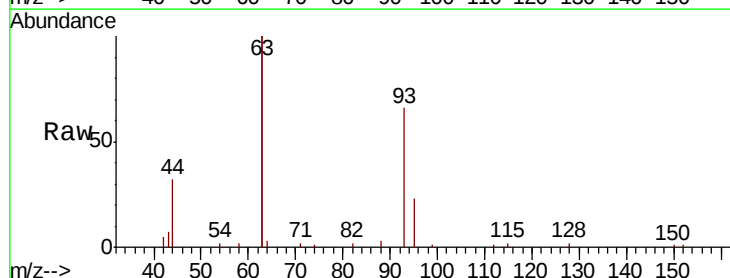
Tgt Ion: 93 Resp: 7157

Ion Ratio Lower Upper

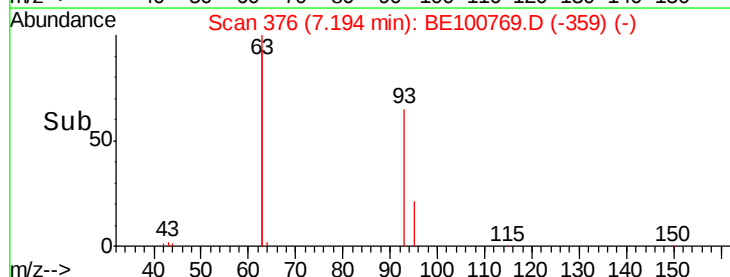
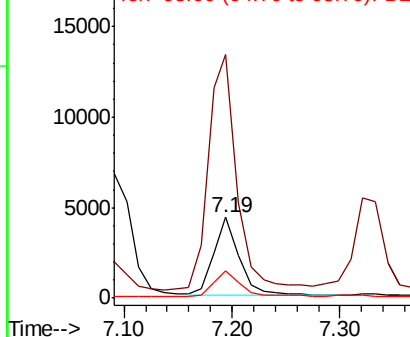
93 100

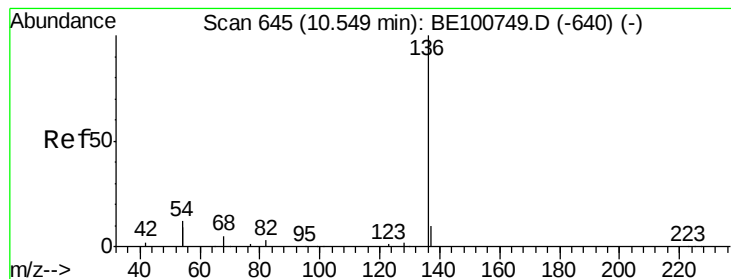
63 332.3 267.0 400.6

95 33.4 26.2 39.4



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: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 23069

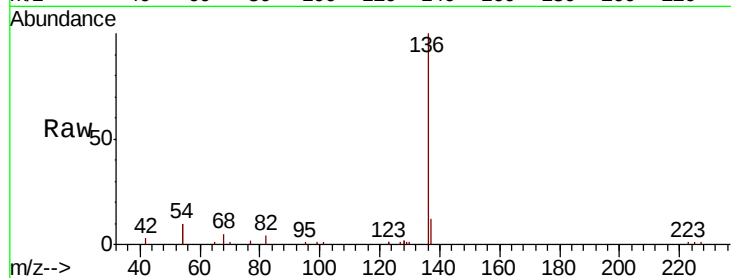
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 20.5 19.4 29.0

68 4.9 4.6 6.8

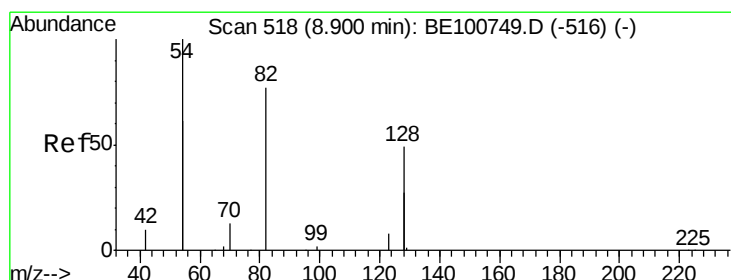
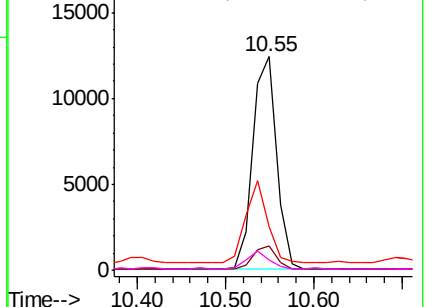
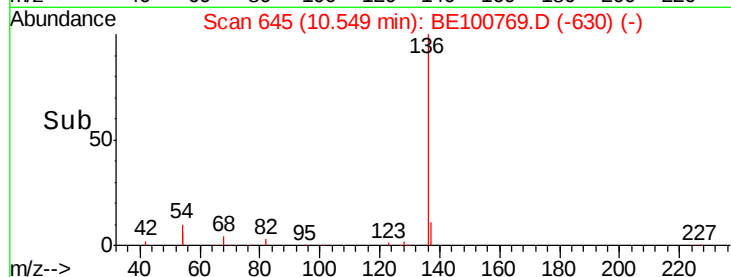


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.767 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

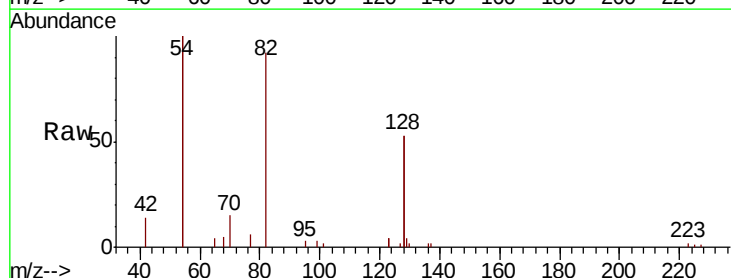
Tgt Ion: 82 Resp: 5669

Ion Ratio Lower Upper

82 100

128 114.7 90.2 135.4

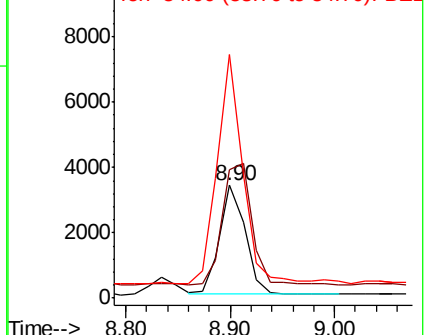
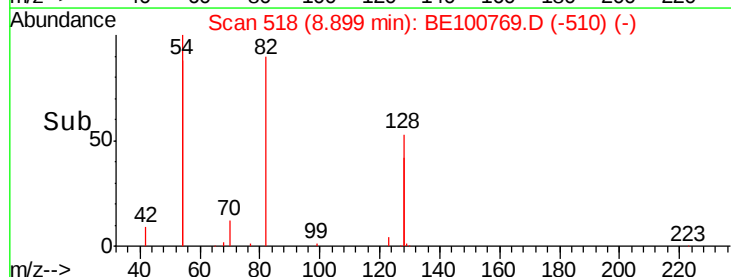
54 216.4 186.0 279.0

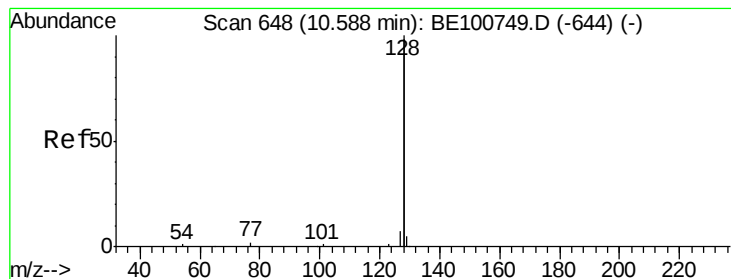


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.410 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

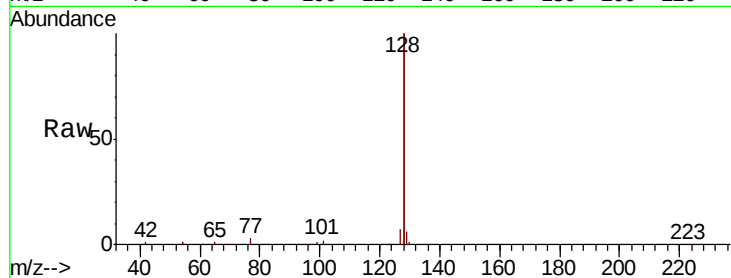
Tot Ion:128 Resp: 100326

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

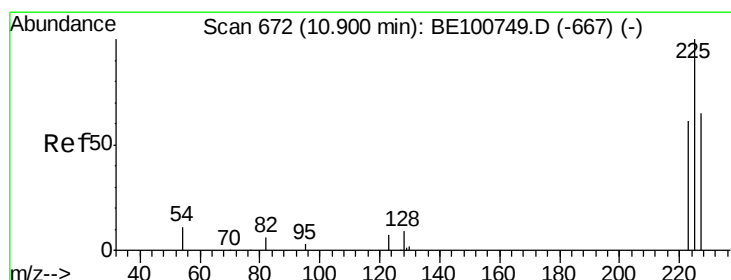
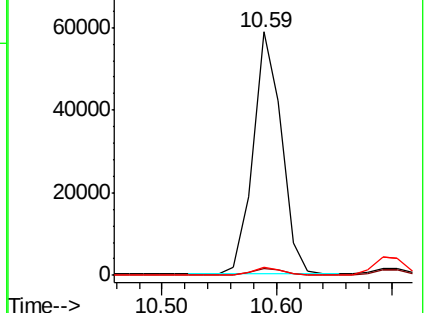
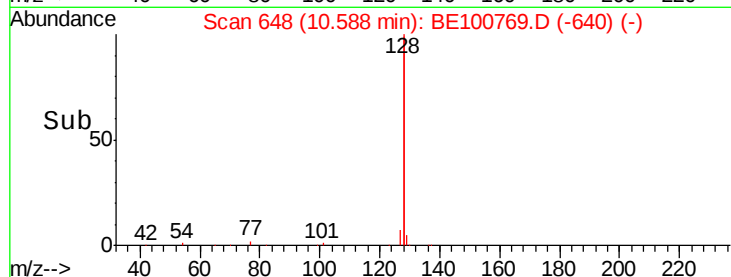
127 3.4 2.7 4.1



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: 0.419 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

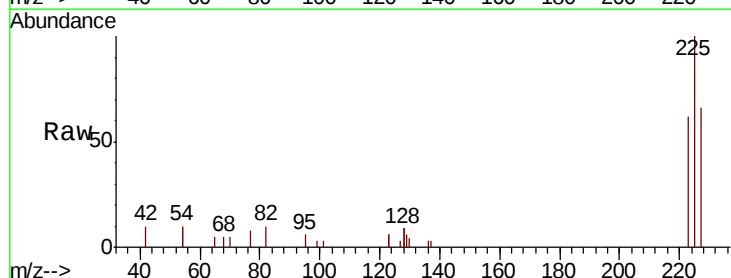
Tgt Ion:225 Resp: 3943

Ion Ratio Lower Upper

225 100

223 62.3 50.6 75.8

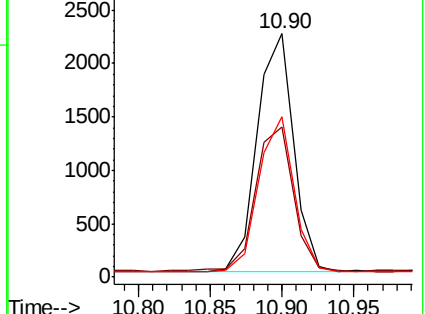
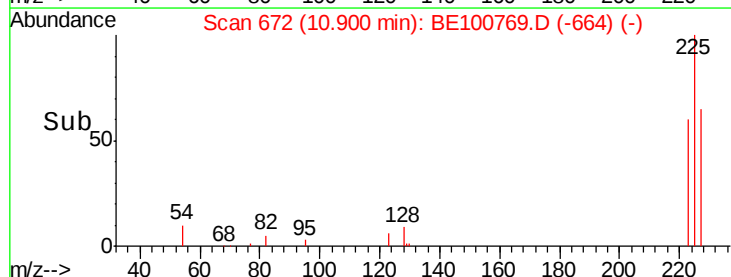
227 63.0 52.0 78.0

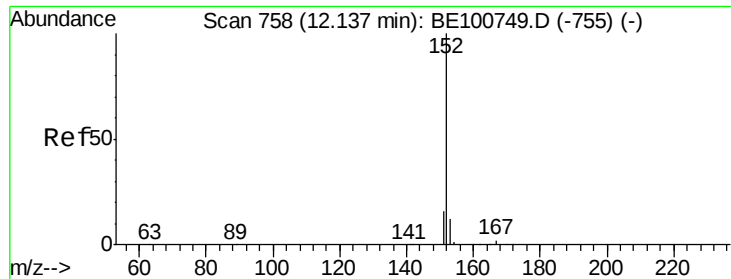


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

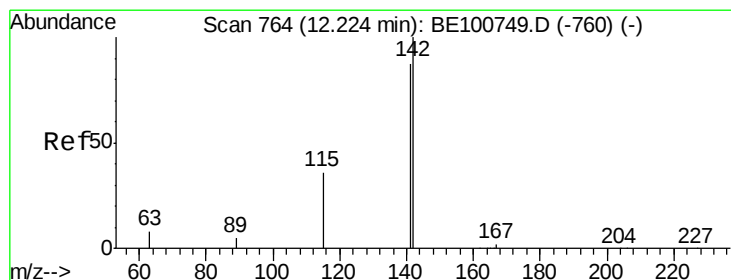
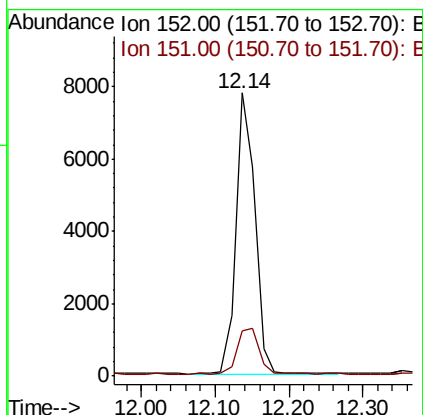
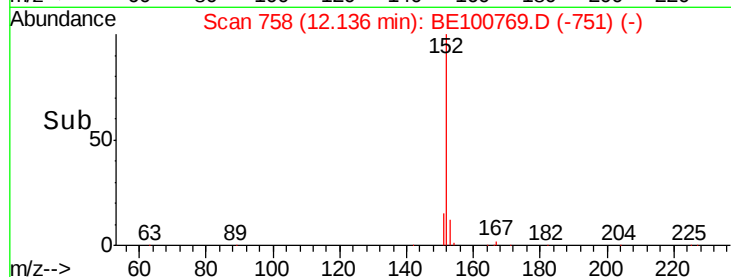
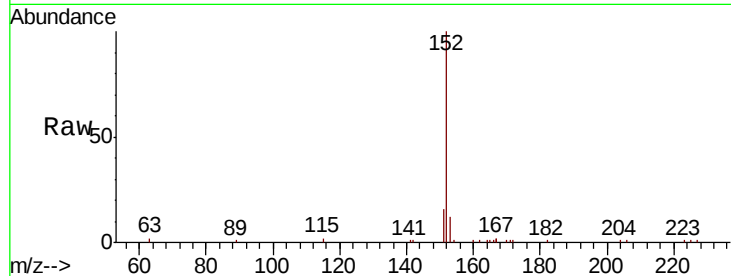




#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100769.D
 Acq: 22 Nov 2019 22:41

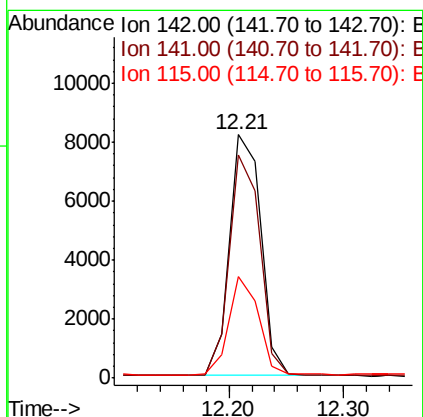
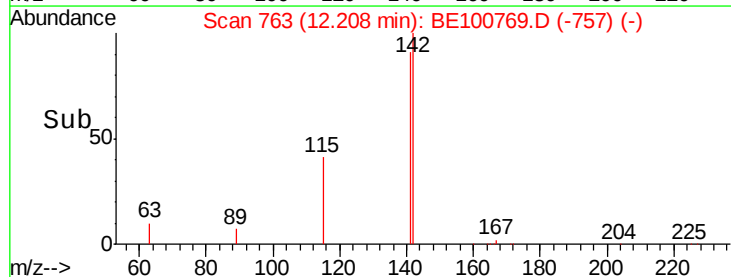
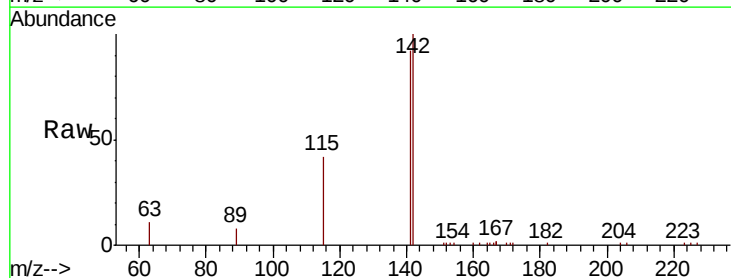
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

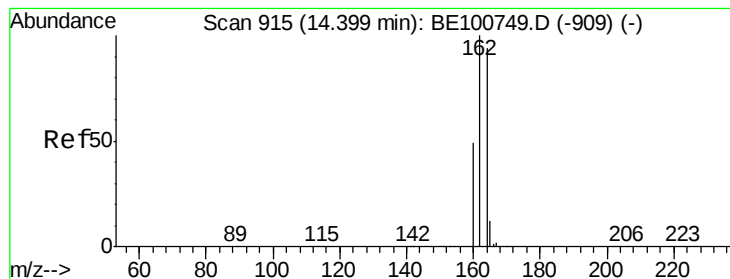
Tot Ion:152 Resp: 13841
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.400 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE100769.D
 Acq: 22 Nov 2019 22:41

Tgt Ion:142 Resp: 15482
 Ion Ratio Lower Upper
 142 100
 141 91.5 69.9 104.9
 115 41.7 29.5 44.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

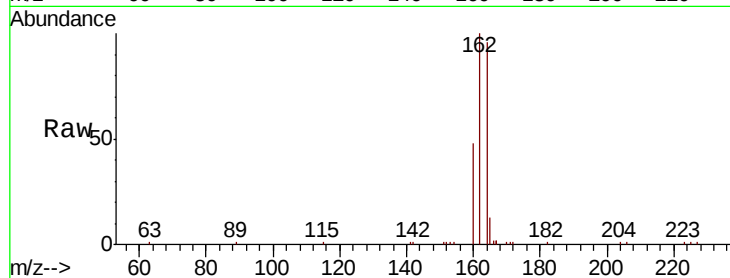
Tot Ion:164 Resp: 12834

Ion Ratio Lower Upper

164 100

162 104.2 84.8 127.2

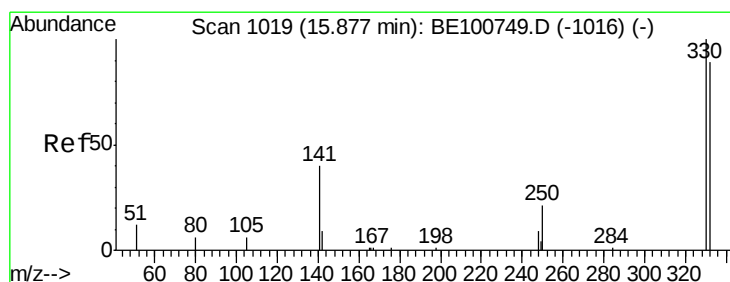
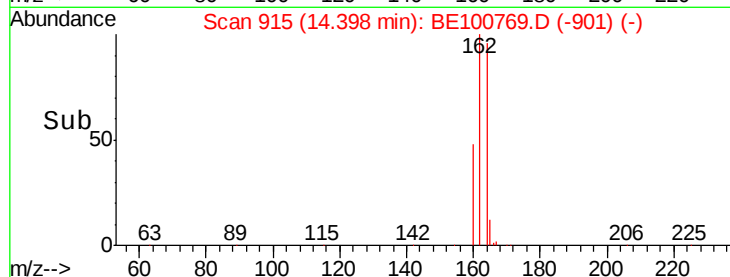
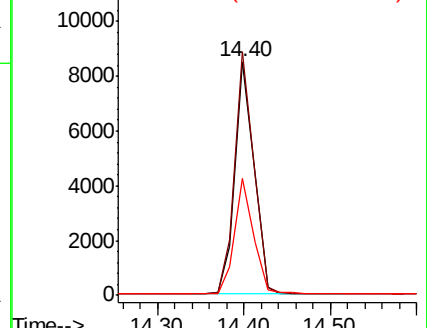
160 50.1 42.3 63.5



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: 0.551 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

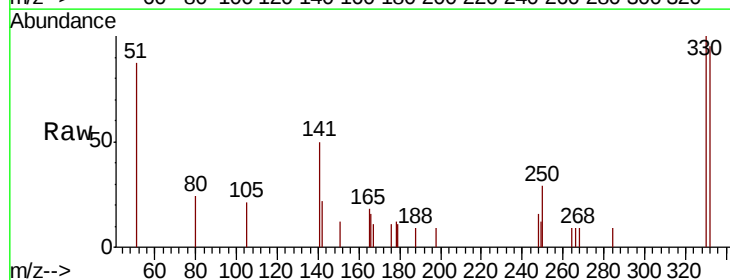
Tgt Ion:330 Resp: 996

Ion Ratio Lower Upper

330 100

332 97.4 79.3 118.9

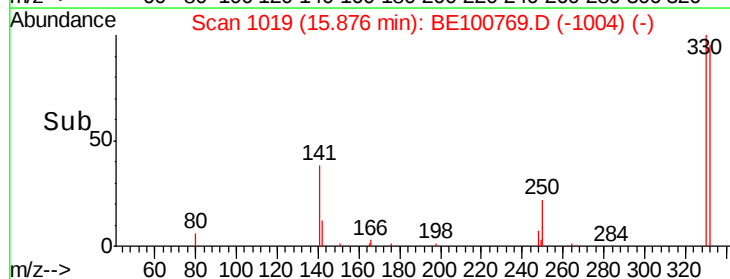
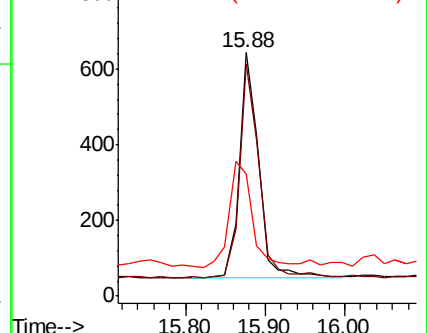
141 57.6 43.8 65.6

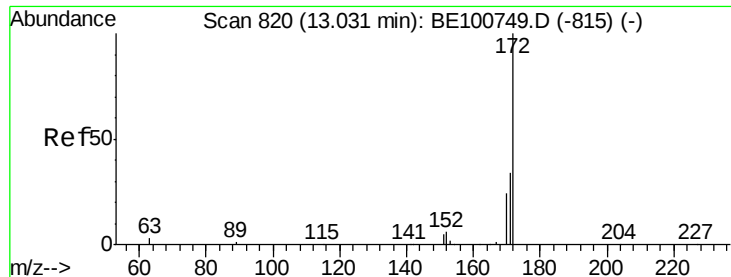


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

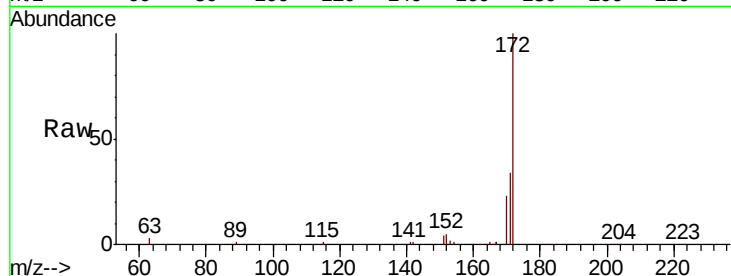




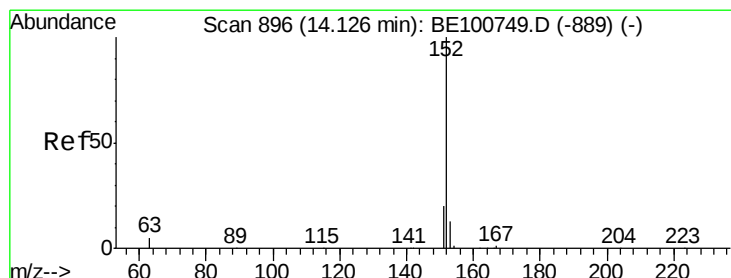
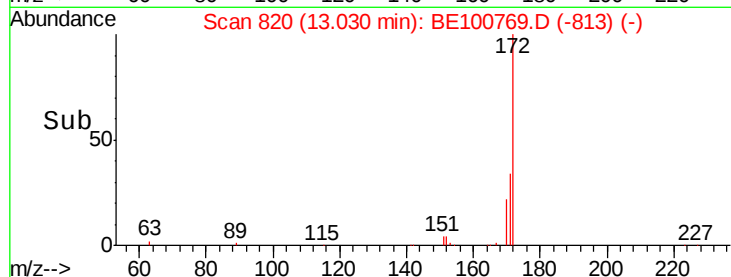
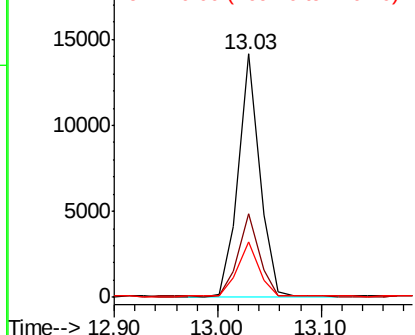
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 20112
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.7 19.4 29.2

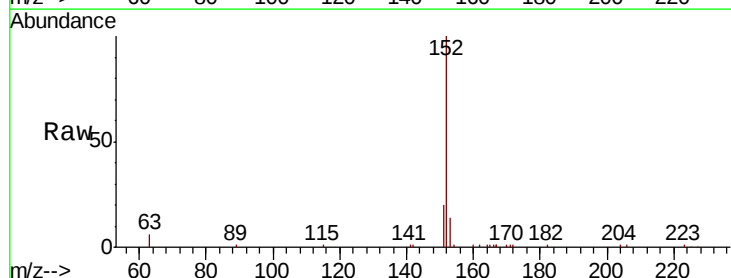


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

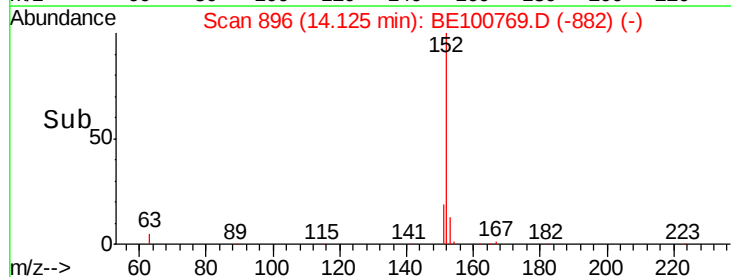
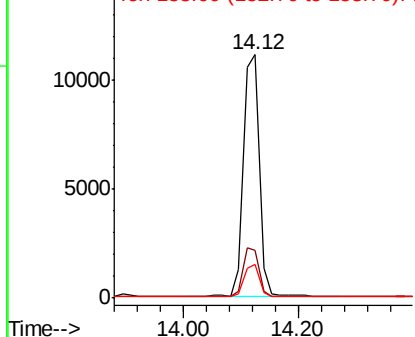


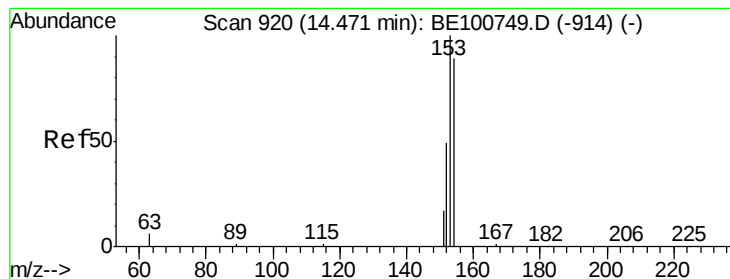
#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Tgt Ion:152 Resp: 21304
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.1 10.6 15.8



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: 0.393 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.02 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

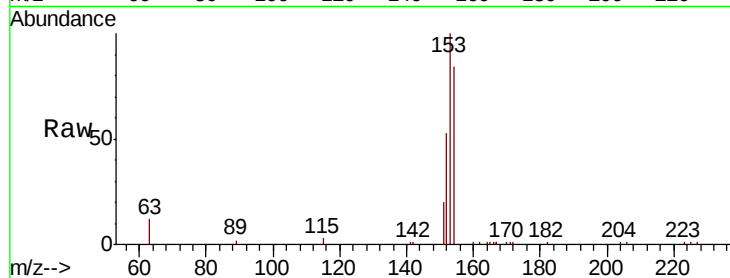
Tot Ion:154 Resp: 14551

Ion Ratio Lower Upper

154 100

153 114.6 91.6 137.4

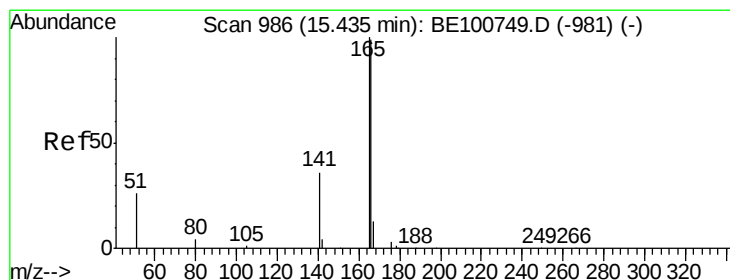
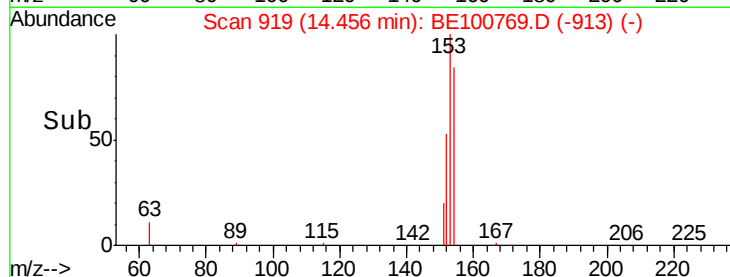
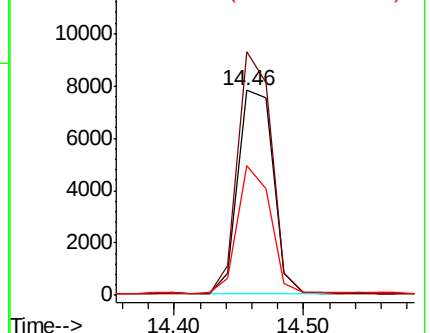
152 58.9 47.0 70.6



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: 0.390 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

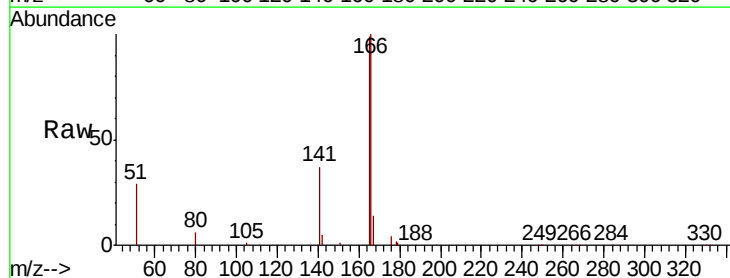
Tgt Ion:166 Resp: 18441

Ion Ratio Lower Upper

166 100

165 98.9 80.2 120.4

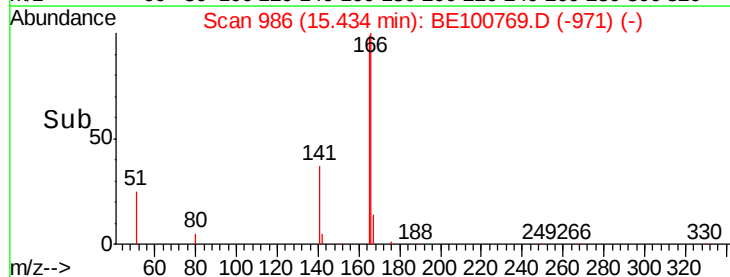
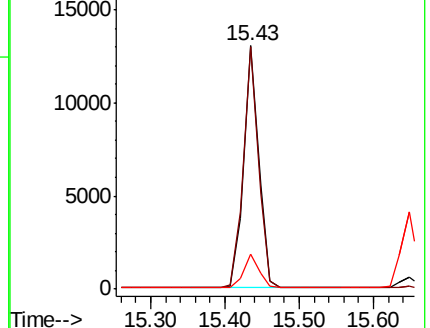
167 13.6 11.0 16.4

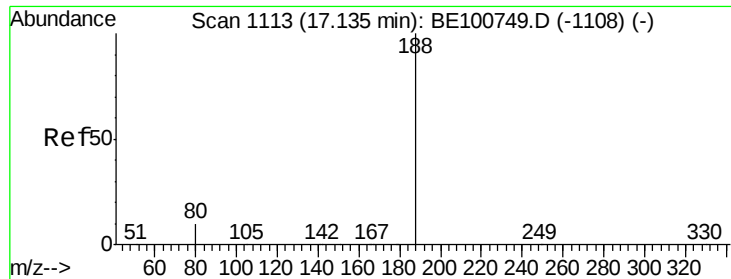


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

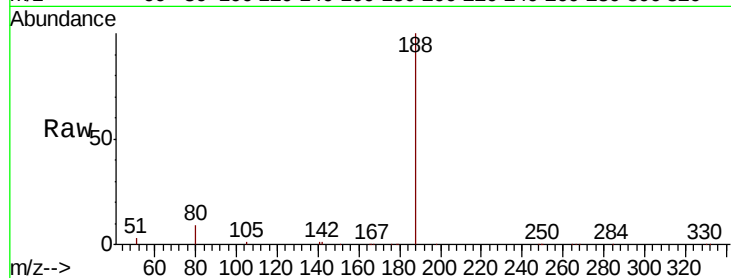
Tot Ion:188 Resp: 29160

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

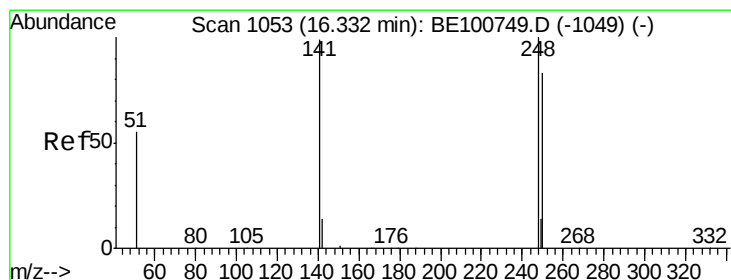
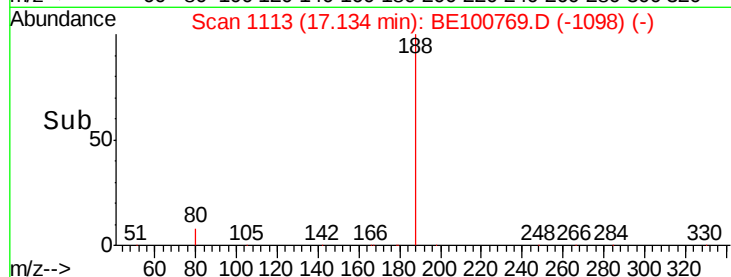
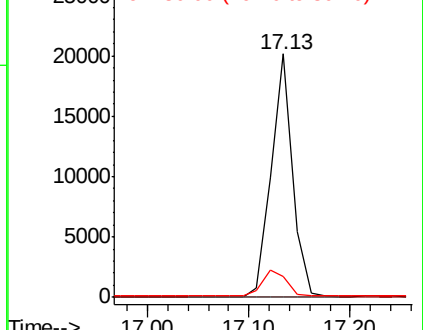
80 8.8 8.2 12.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

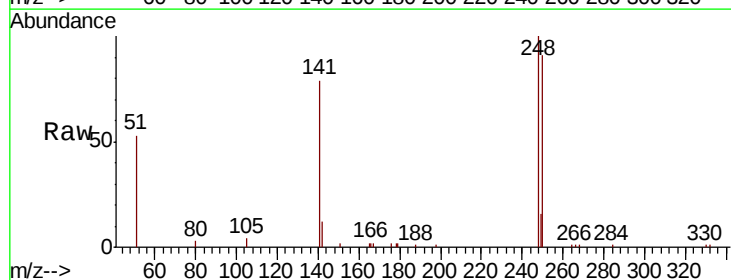
Tgt Ion:248 Resp: 5484

Ion Ratio Lower Upper

248 100

250 90.6 66.3 99.5

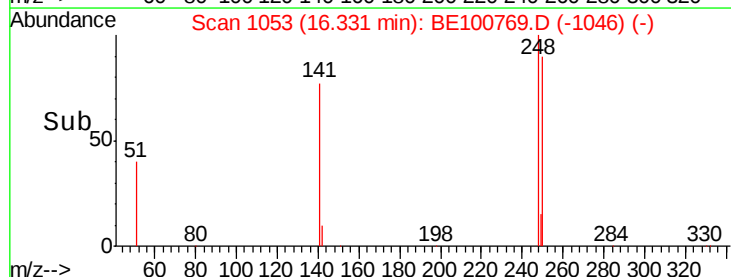
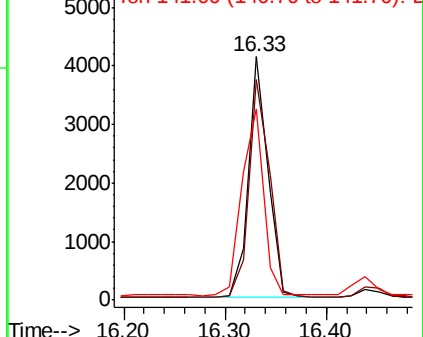
141 78.7 79.6 119.4#

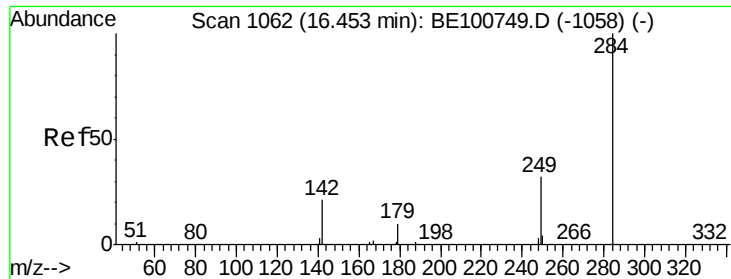


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

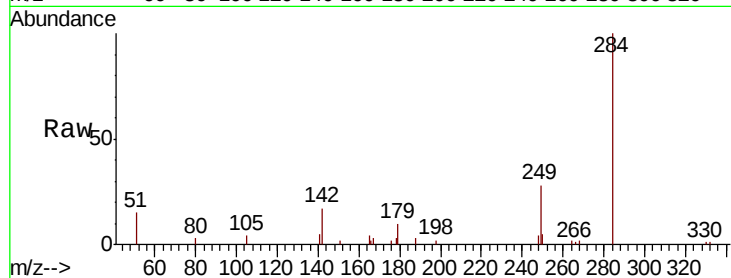




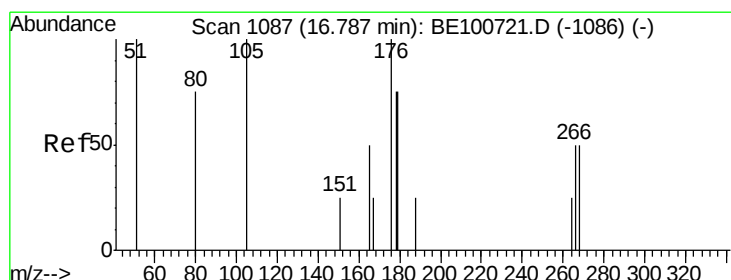
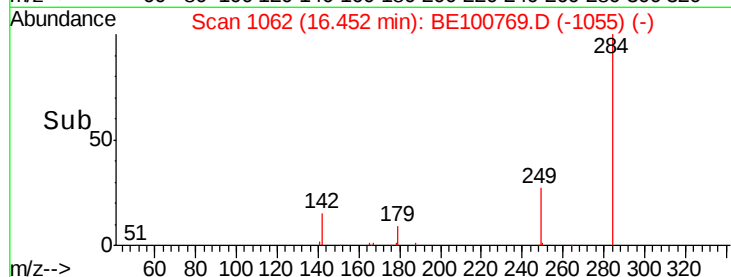
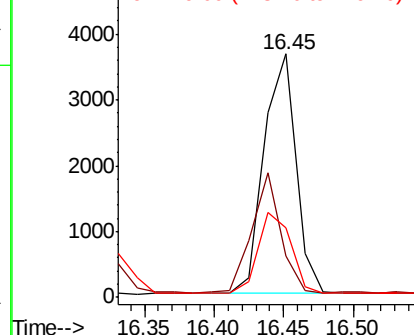
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 5844
Ion Ratio Lower Upper
284 100
142 44.4 34.9 52.3
249 34.4 28.7 43.1

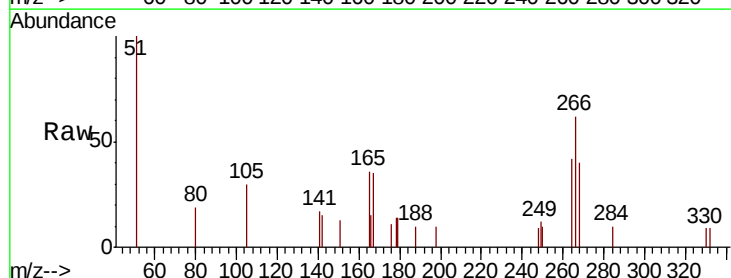


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

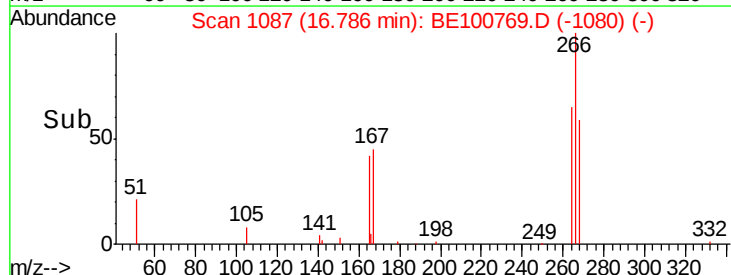
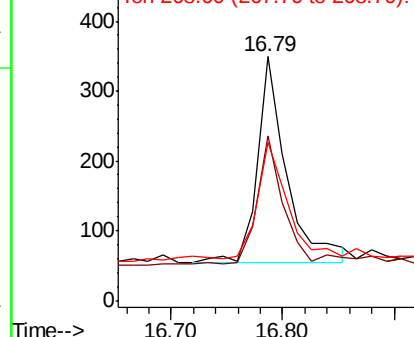


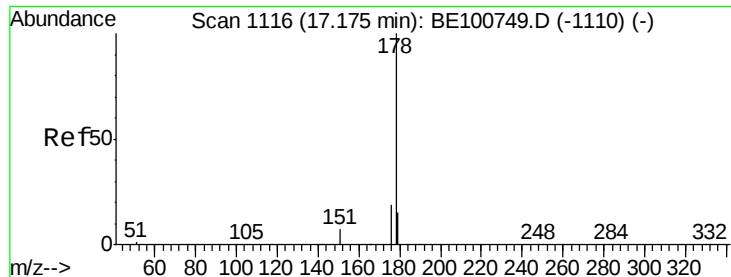
#22
Pentachlorophenol
Concen: 0.300 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Tgt Ion:266 Resp: 545
Ion Ratio Lower Upper
266 100
264 67.3 54.6 82.0
268 64.8 52.6 78.8



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

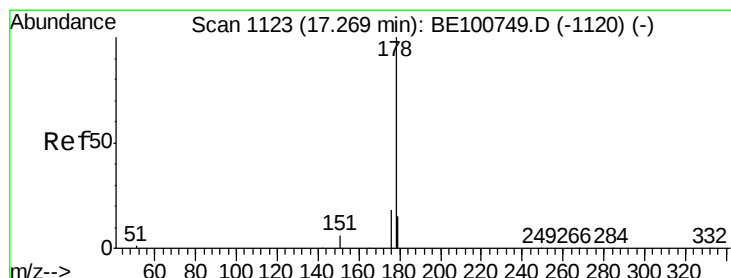
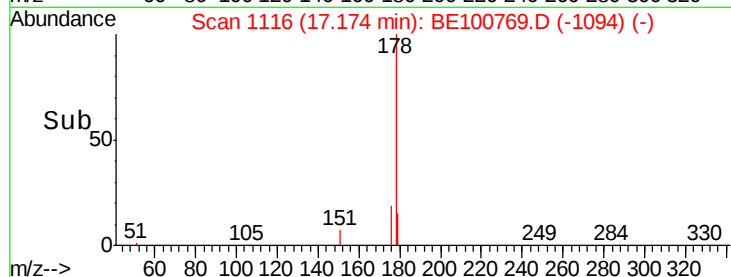
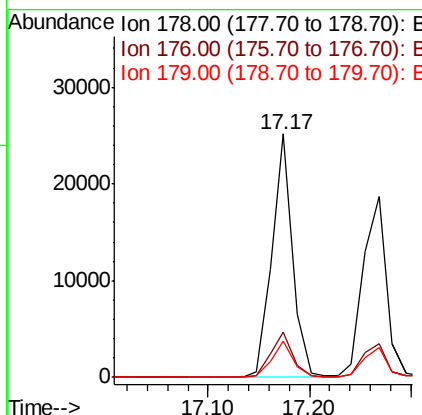
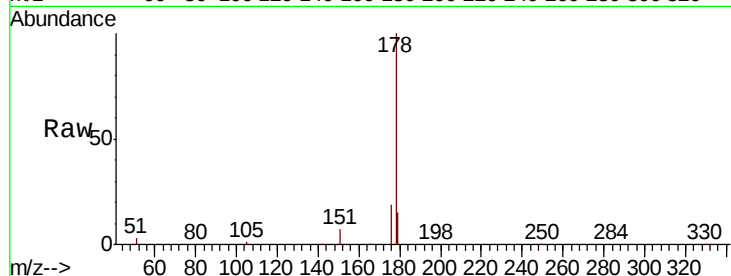




#23
Phenanthrene
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

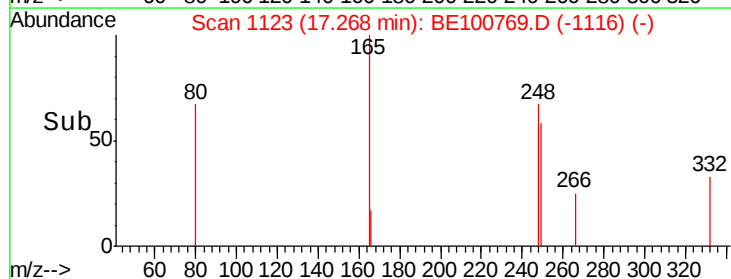
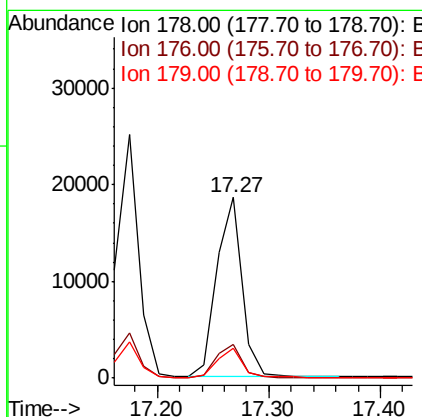
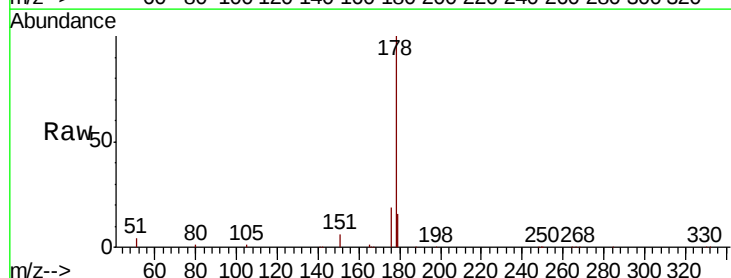
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

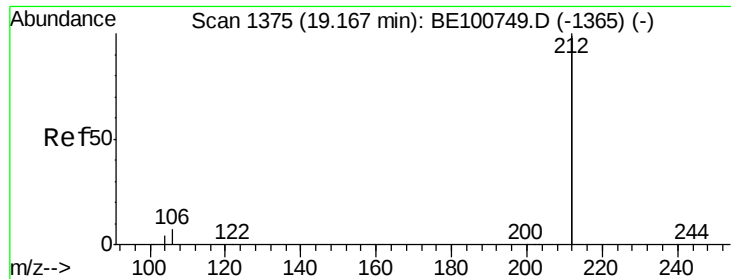
Tot Ion:178 Resp: 35142
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.9 12.5 18.7



#24
Anthracene
Concen: 0.387 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Tgt Ion:178 Resp: 29307
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

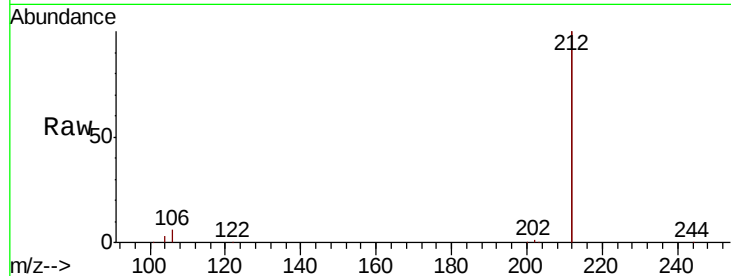
Tot Ion:212 Resp: 137203

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

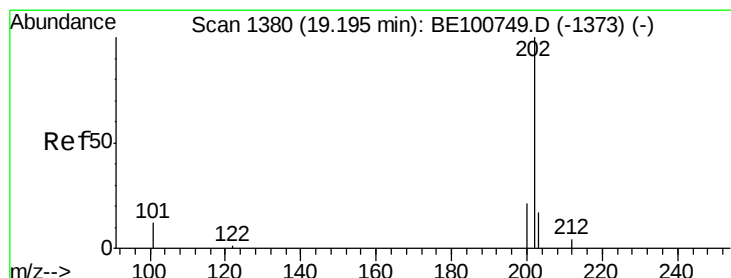
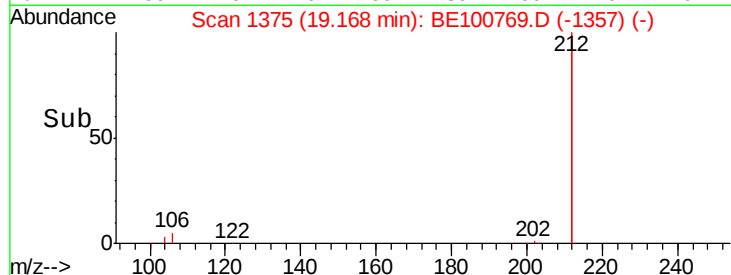
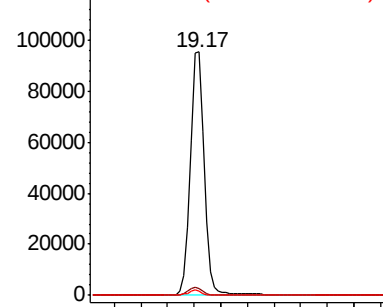
104 1.8 1.5 2.3



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: 0.380 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

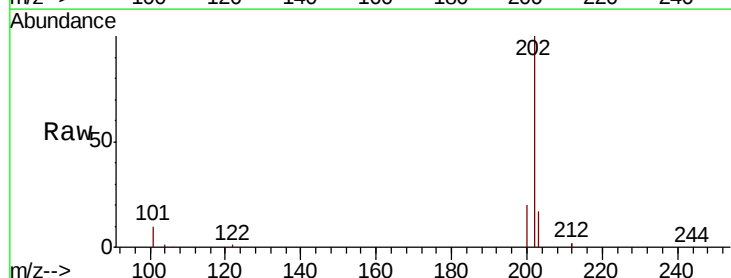
Tgt Ion:202 Resp: 40805

Ion Ratio Lower Upper

202 100

101 11.8 9.2 13.8

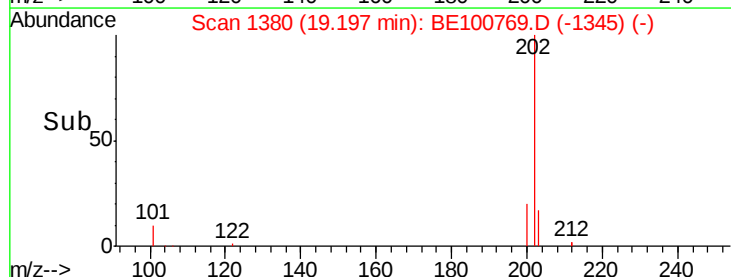
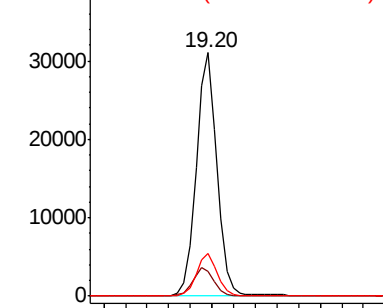
203 17.2 13.8 20.8

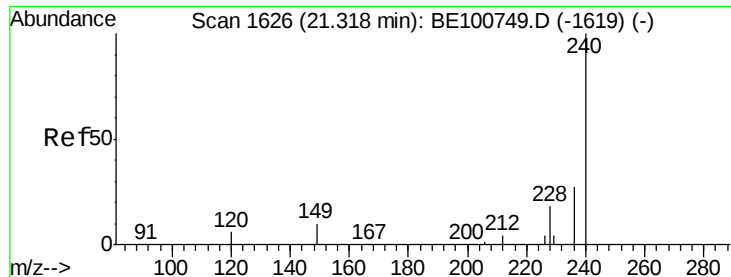


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

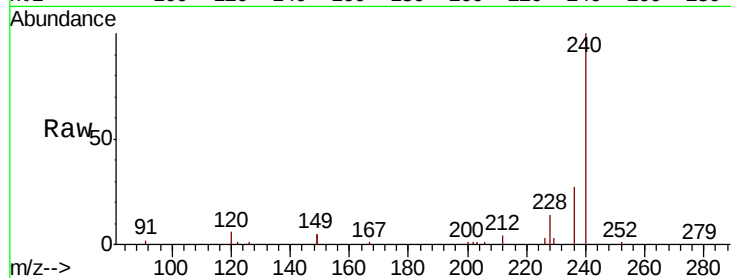
Tot Ion:240 Resp: 31399

Ion Ratio Lower Upper

240 100

120 6.3 5.8 8.8

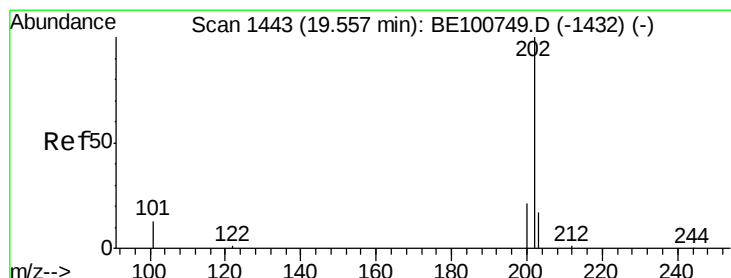
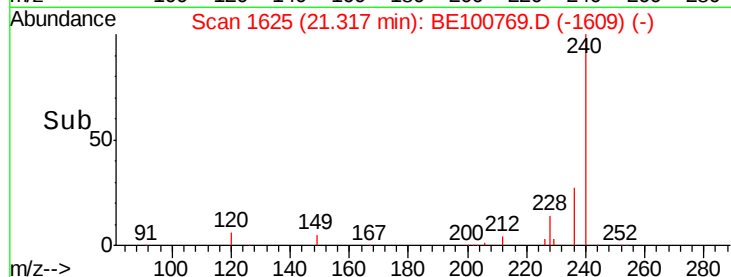
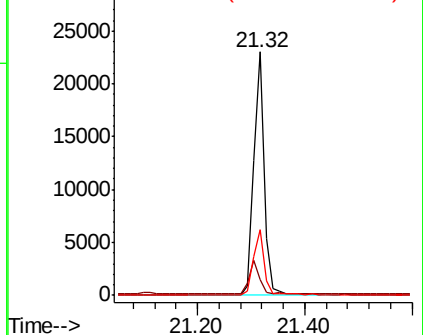
236 27.2 21.9 32.9



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: 0.444 ng

RT: 19.55 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

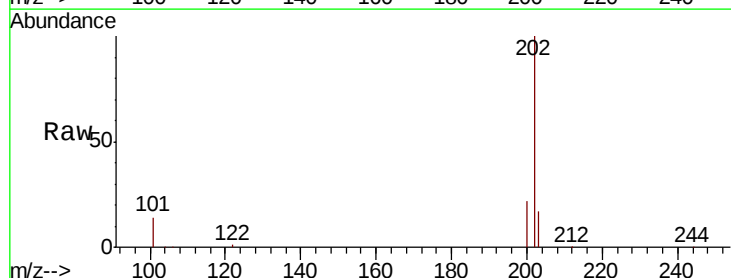
Tgt Ion:202 Resp: 43180

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

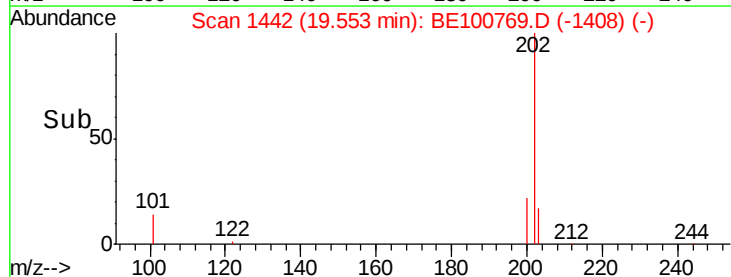
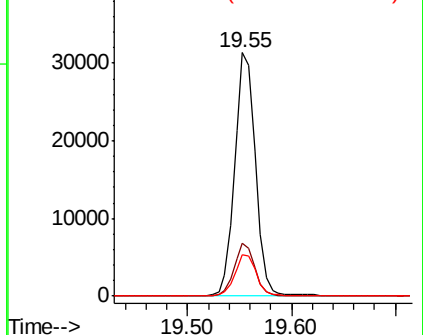
203 17.3 14.0 21.0

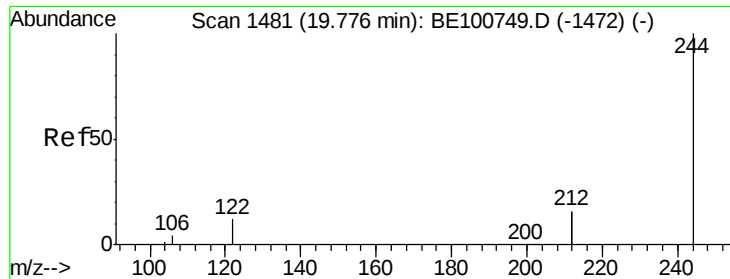


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

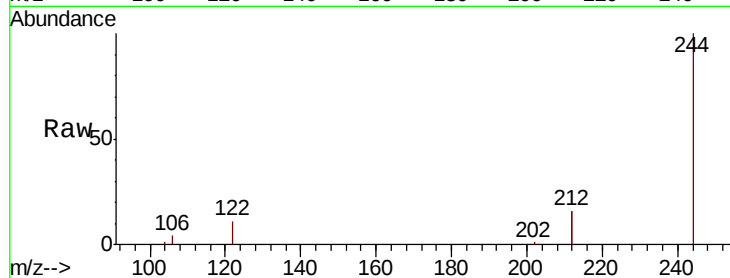
Tot Ion:244 Resp: 30108

Ion Ratio Lower Upper

244 100

212 31.7 25.2 37.8

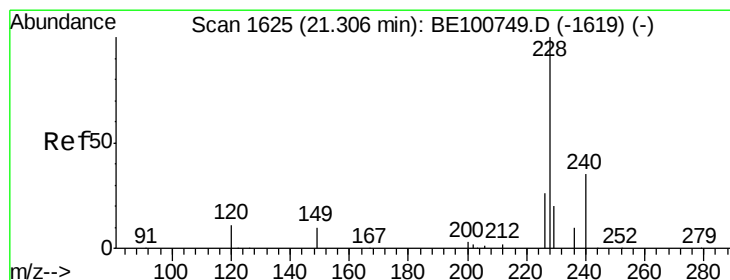
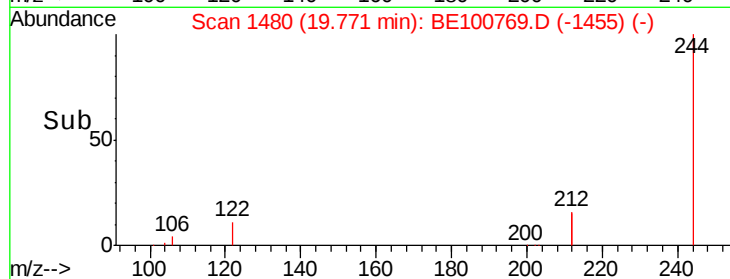
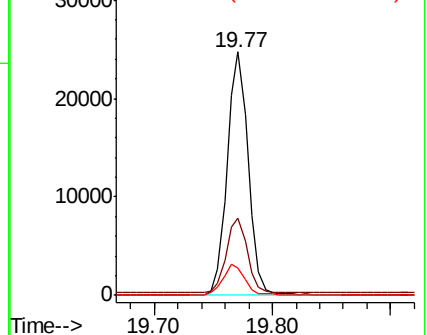
122 11.4 9.8 14.6



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: 0.399 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

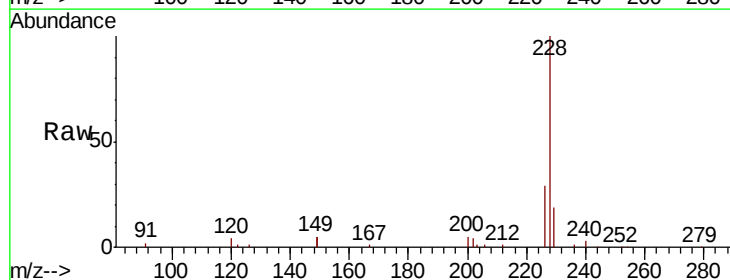
Tgt Ion:228 Resp: 42281

Ion Ratio Lower Upper

228 100

226 28.7 20.7 31.1

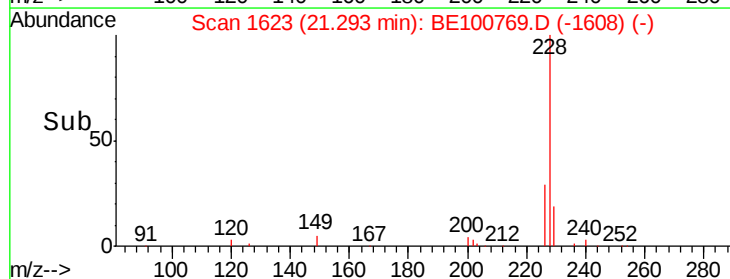
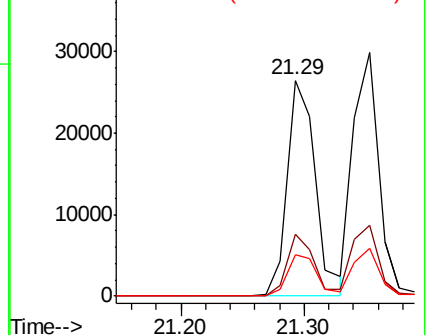
229 19.4 16.2 24.2

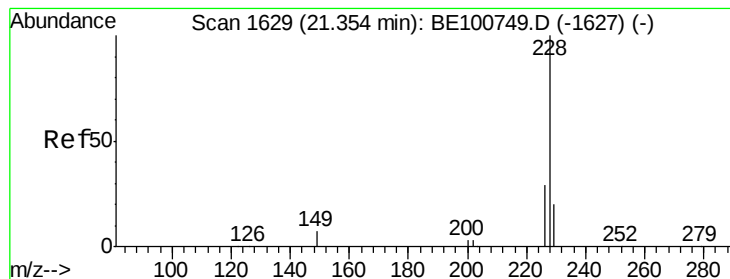


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

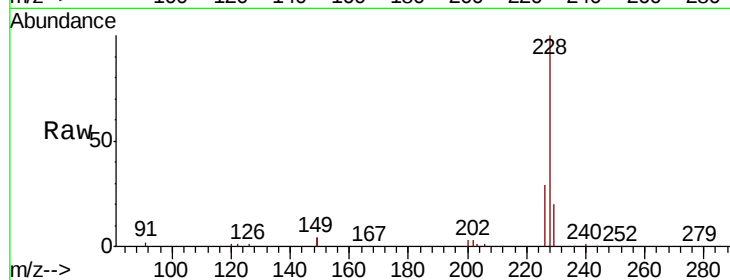
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 43164

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.6
229	19.8	15.9	23.9

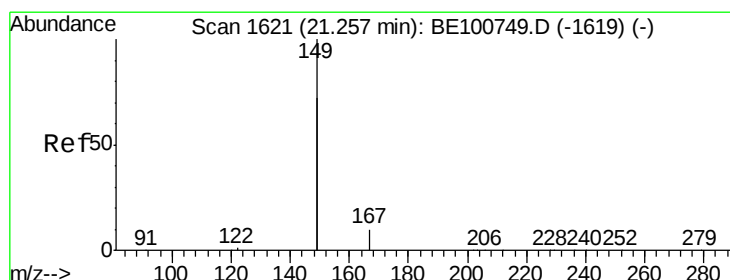
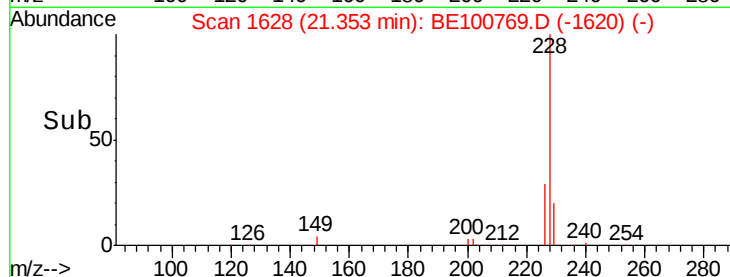
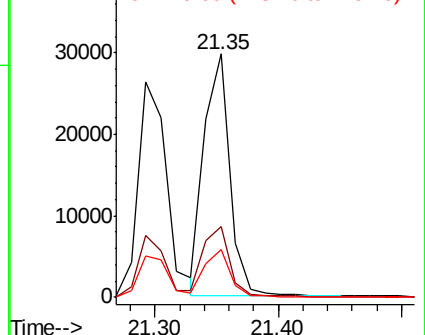


Abundance

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: 0.401 ng

RT: 21.26 min Scan# 1620

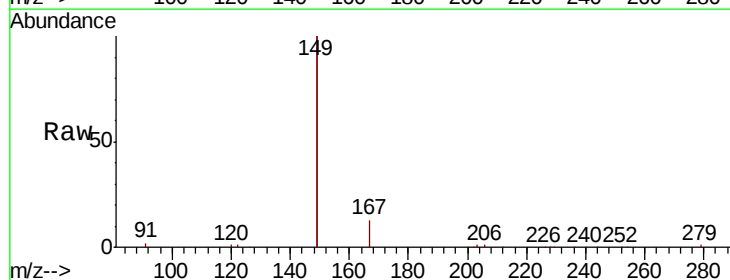
Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Tgt Ion:149 Resp: 58604

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.5	8.3
279	0.8	0.7	1.1

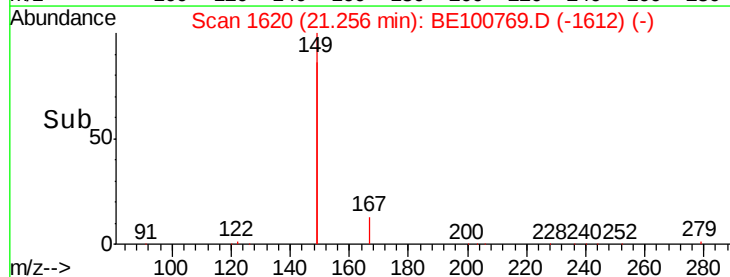
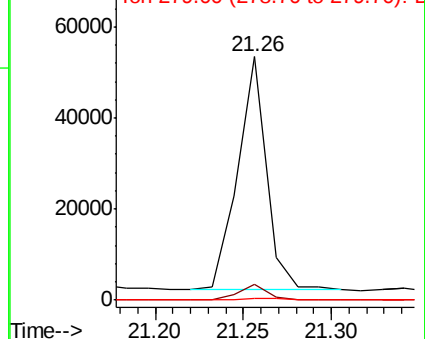


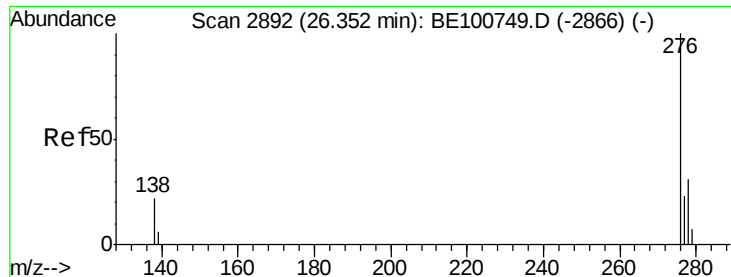
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng

RT: 26.35 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

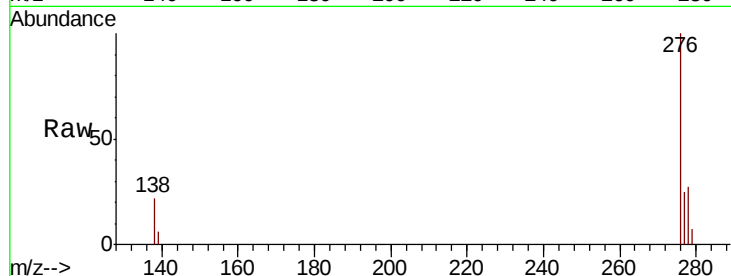
Tot Ion:276 Resp: 40201

Ion Ratio Lower Upper

276 100

138 24.4 19.8 29.6

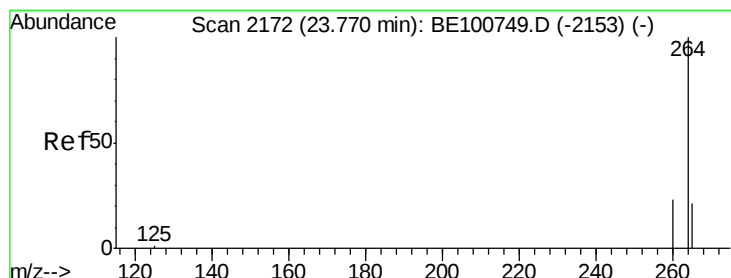
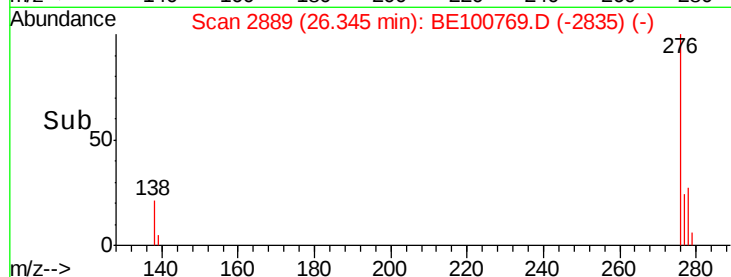
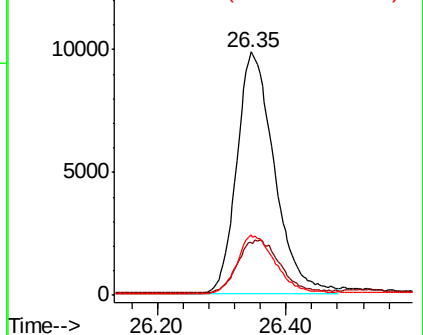
277 24.6 19.7 29.5



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: 23.77 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

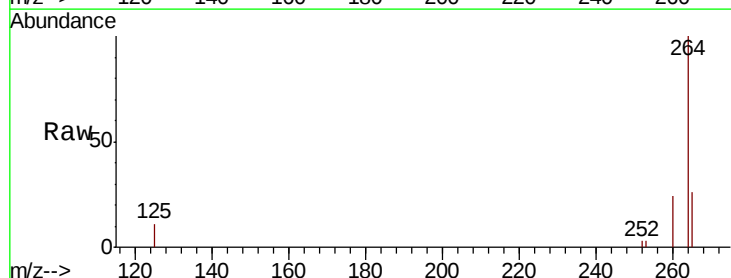
Tgt Ion:264 Resp: 35167

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

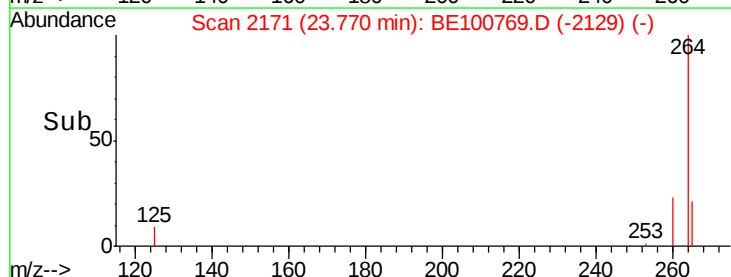
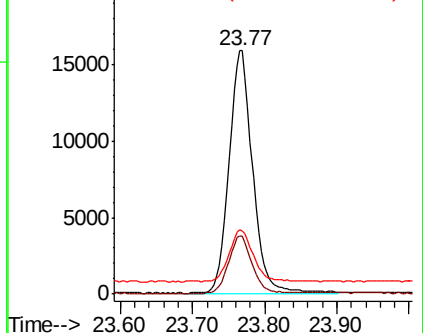
265 26.2 22.4 33.6

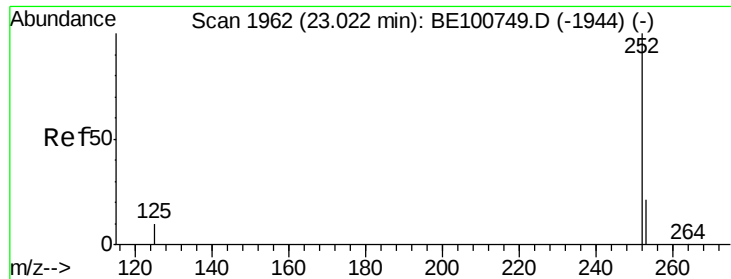


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

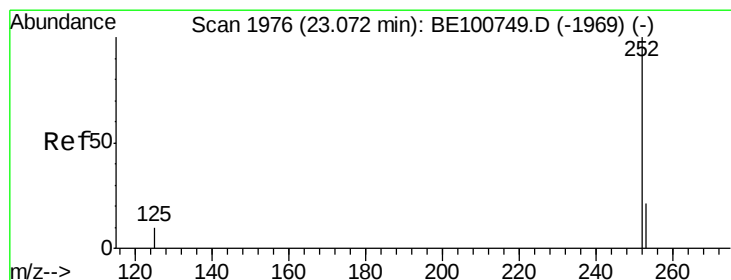
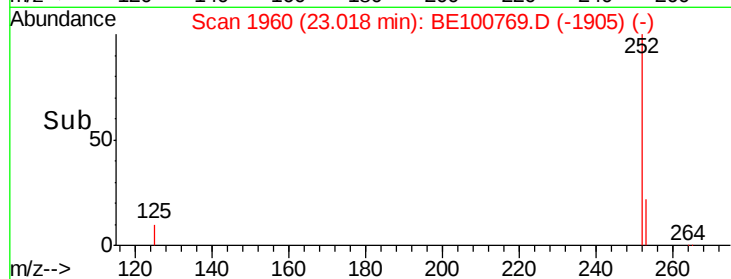
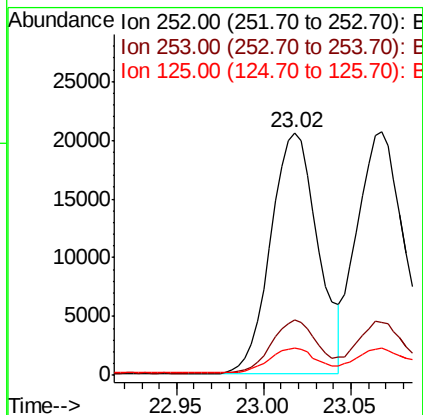
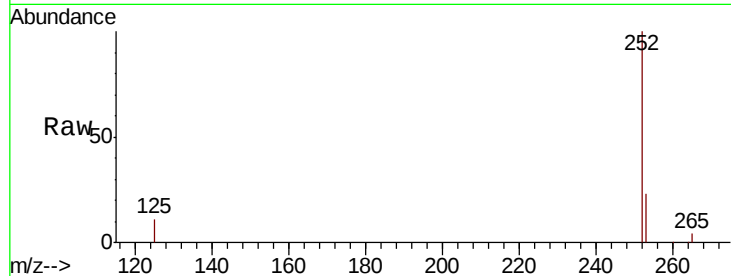




#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.02 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

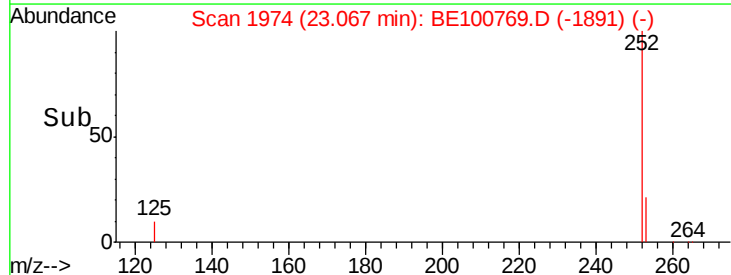
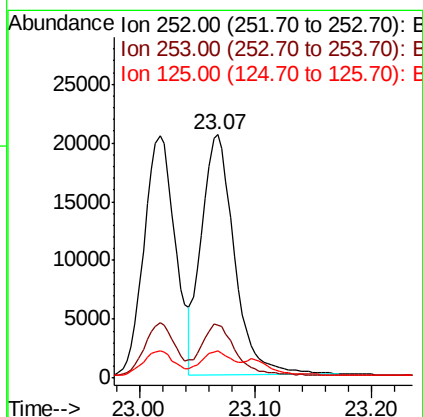
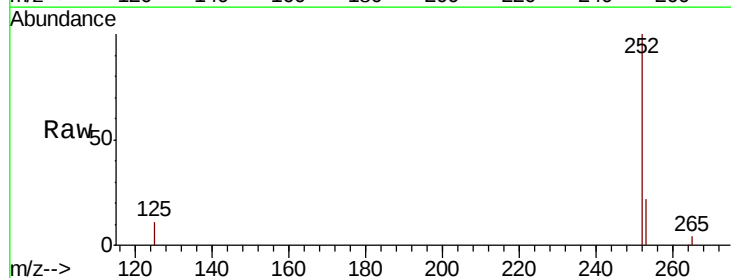
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

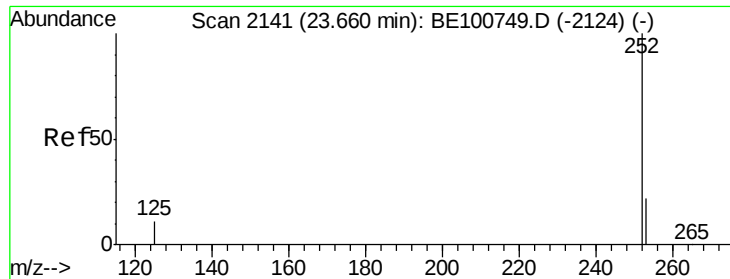
Tot Ion:252 Resp: 38509
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.3 9.1 13.7



#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 23.07 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE100769.D
Acq: 22 Nov 2019 22:41

Tgt Ion:252 Resp: 40235
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.2 9.0 13.4





#37

Benzo(a)pyrene

Concen: 0.348 ng

RT: 23.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

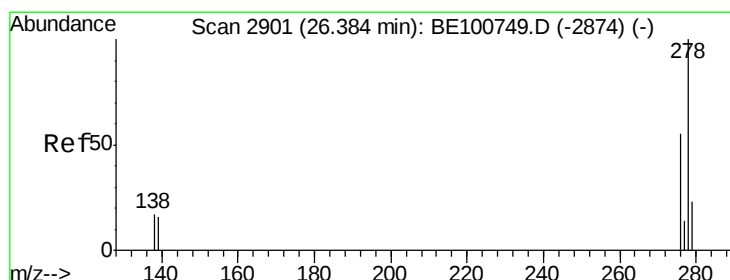
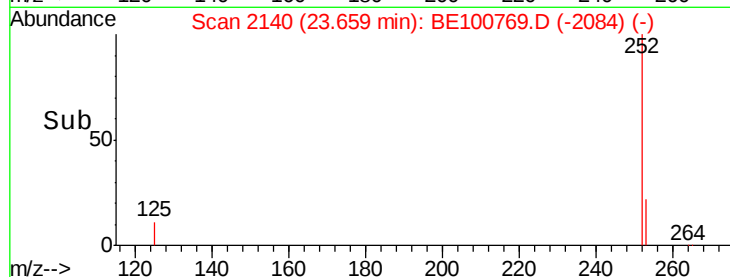
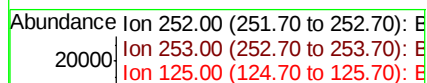
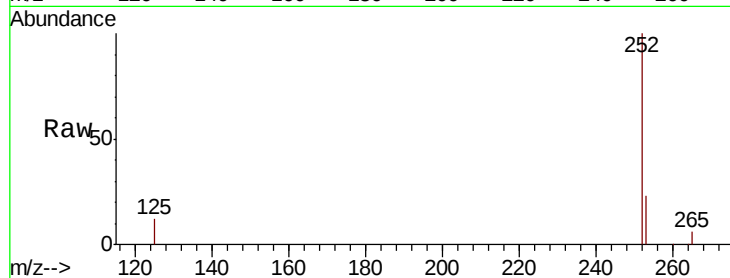
Tot Ion:252 Resp: 33834

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

125 12.2 10.5 15.7



#38

Dibenzo(a,h)anthracene

Concen: 0.323 ng

RT: 26.38 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

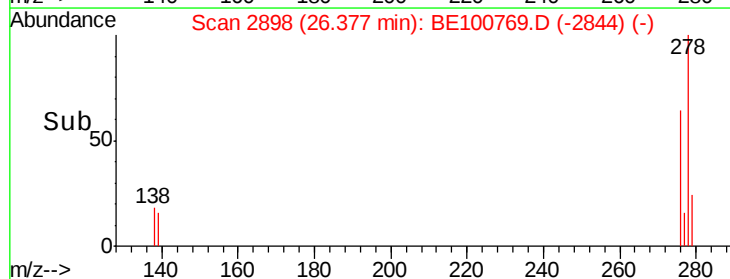
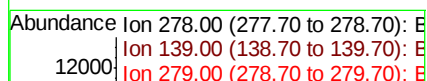
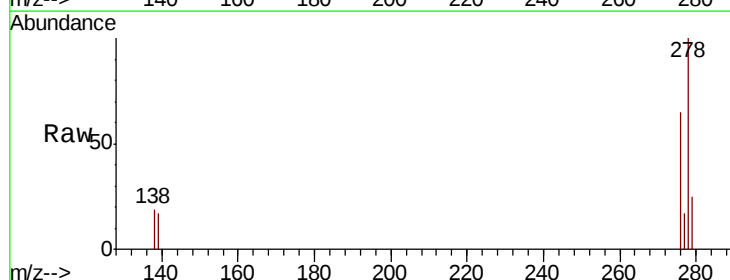
Tgt Ion:278 Resp: 33076

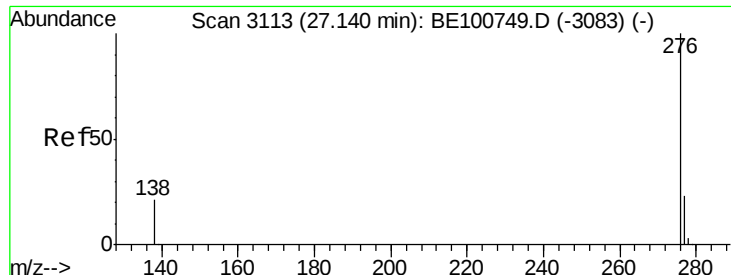
Ion Ratio Lower Upper

278 100

139 17.4 13.2 19.8

279 25.0 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.363 ng

RT: 27.14 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BE100769.D

Acq: 22 Nov 2019 22:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

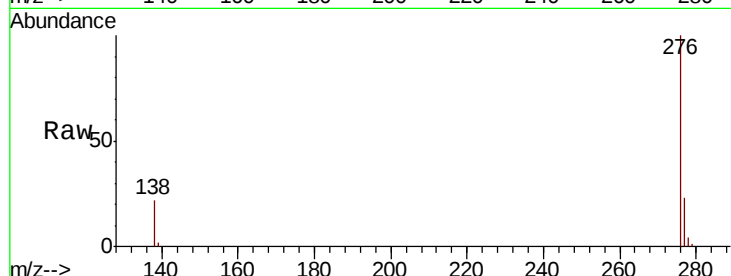
Tot Ion: 276 Resp: 35097

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.0 17.8 26.8



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

