

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101017.D
 Acq On : 9 Jan 2020 18:07
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 10 01:03:07 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2978	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	13333	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	8106	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17885	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14990	0.40	ng	-0.01
34) Perylene-d12	23.70	264	15717	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2396	0.36	ng	0.00
5) Phenol-d6	6.92	99	2796	0.33	ng	0.00
8) Nitrobenzene-d5	8.87	82	2826	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	10366	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	632	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	12812	0.42	ng	0.00
25) Fluoranthene-d10	19.13	212	91210	0.37	ng	0.00
29) Terphenyl-d14	19.74	244	14514	0.39	ng	0.00

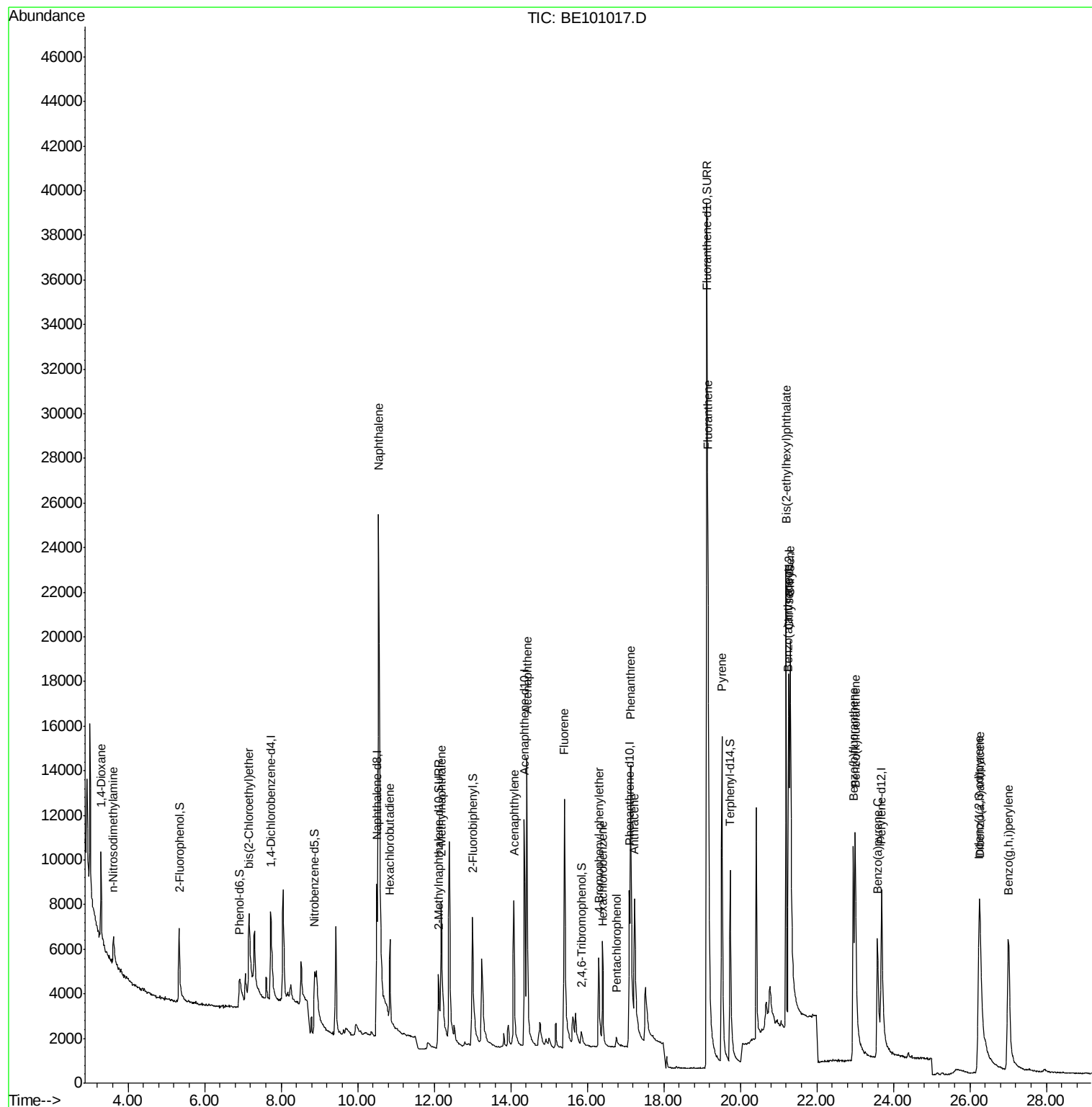
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2931	0.412	ng	99
3) n-Nitrosodimethylamine	3.61	42	1352	0.327	ng	# 88
6) bis(2-Chloroethyl)ether	7.16	93	3329	0.330	ng	94
9) Naphthalene	10.55	128	61214	0.413	ng	100
10) Hexachlorobutadiene	10.85	225	2631	0.420	ng	96
12) 2-Methylnaphthalene	12.18	142	8763	0.391	ng	99
16) Acenaphthylene	14.08	152	11102	0.336	ng	99
17) Acenaphthene	14.43	154	9242	0.391	ng	98
18) Fluorene	15.39	166	11589	0.388	ng	98
20) 4-Bromophenyl-phenylether	16.30	248	3262	0.374	ng	96
21) Hexachlorobenzene	16.41	284	4024	0.420	ng	98
22) Pentachlorophenol	16.76	266	517	0.404	ng	96
23) Phenanthrene	17.13	178	19099	0.391	ng	98
24) Anthracene	17.23	178	17029	0.370	ng	100
26) Fluoranthene	19.16	202	22030	0.360	ng	100
28) Pyrene	19.52	202	22331	0.400	ng	99
30) Benzo(a)anthracene	21.26	228	13817	0.323	ng	99
31) Chrysene	21.31	228	28944	0.455	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	23848	0.335	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	20560	0.409	ng	96
35) Benzo(b)fluoranthene	22.95	252	15808	0.359	ng	98
36) Benzo(k)fluoranthene	23.00	252	22946	0.359	ng	99
37) Benzo(a)pyrene	23.58	252	15902	0.373	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	13913	0.355	ng	98
39) Benzo(g,h,i)perylene	27.01	276	19360	0.401	ng	99

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

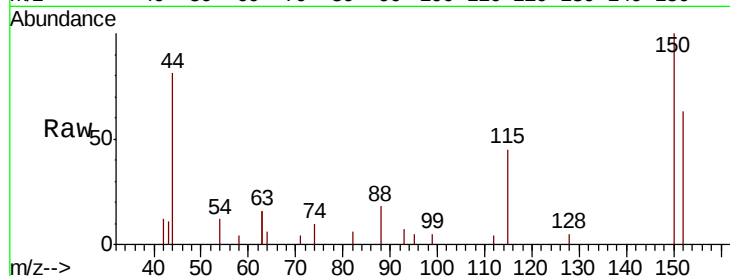
Tot Ion:152 Resp: 2978

Ion Ratio Lower Upper

152 100

150 158.8 120.3 180.5

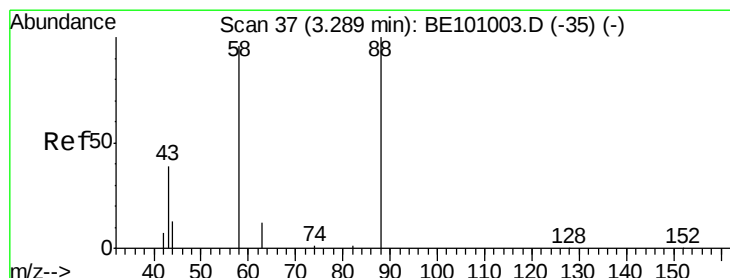
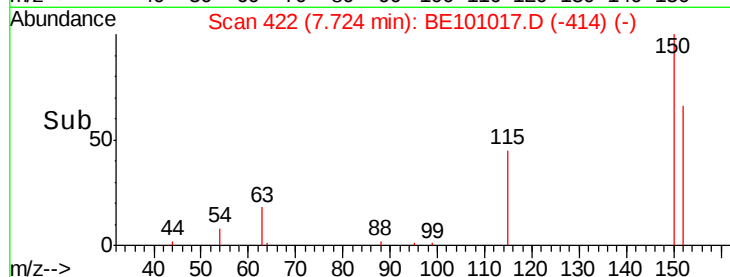
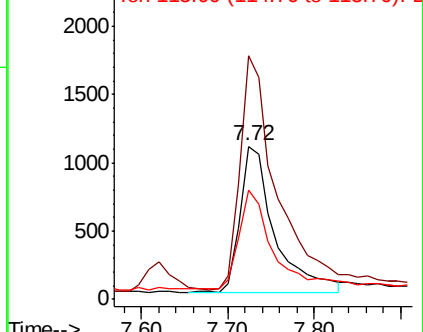
115 71.3 51.7 77.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.412 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

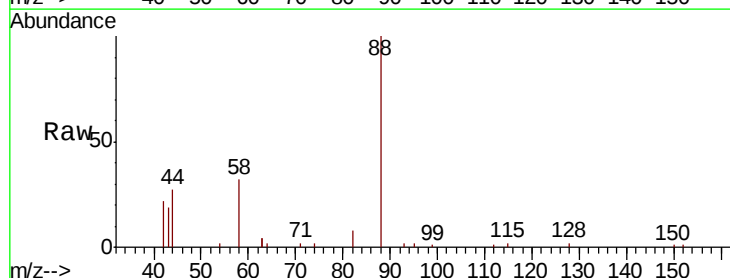
Tgt Ion: 88 Resp: 2931

Ion Ratio Lower Upper

88 100

58 65.9 53.0 79.4

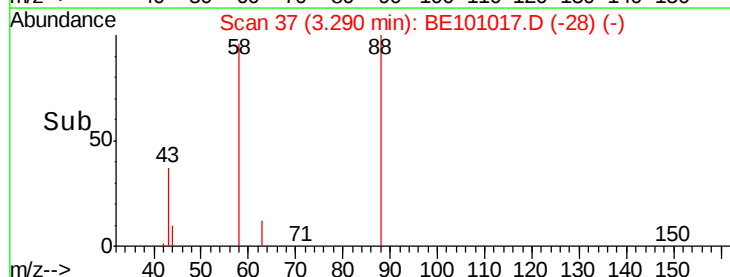
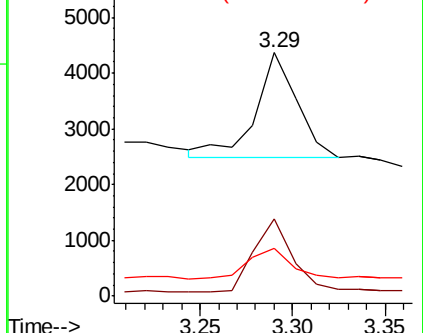
43 30.1 23.4 35.2



Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.327 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

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SSTDCCC0.4EC

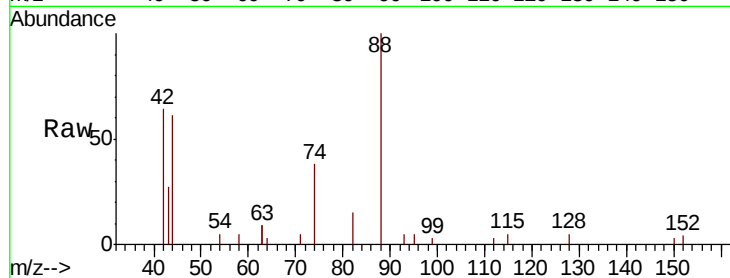
Tot Ion: 42 Resp: 1352

Ion Ratio Lower Upper

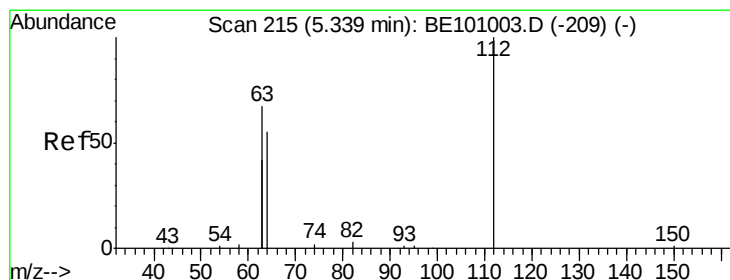
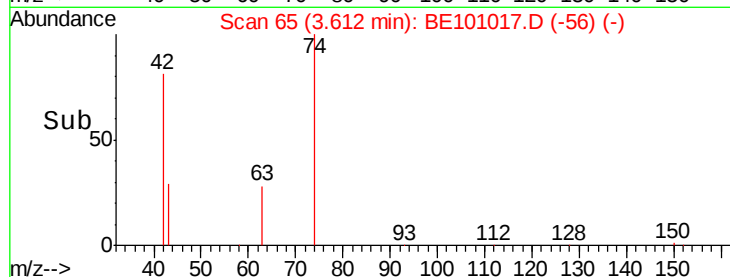
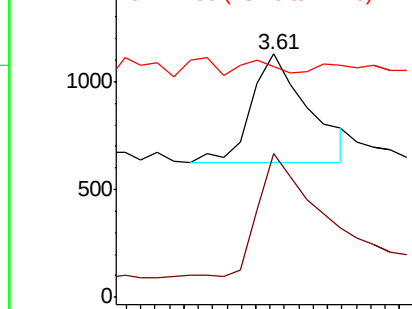
42 100

74 118.1 105.7 158.5

44 9.3 10.0 15.0#



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



#4

2-Fluorophenol

Concen: 0.357 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

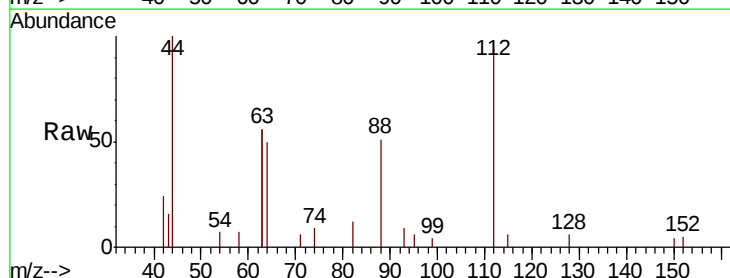
Tgt Ion: 112 Resp: 2396

Ion Ratio Lower Upper

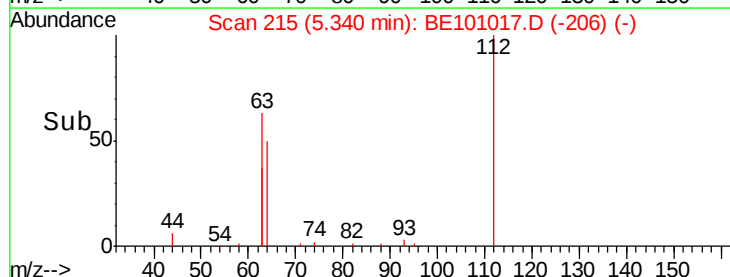
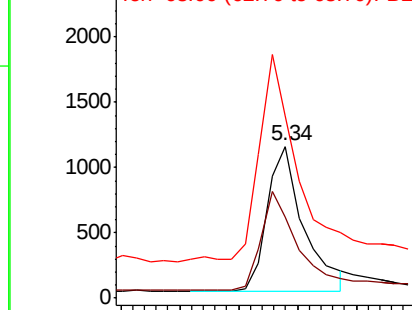
112 100

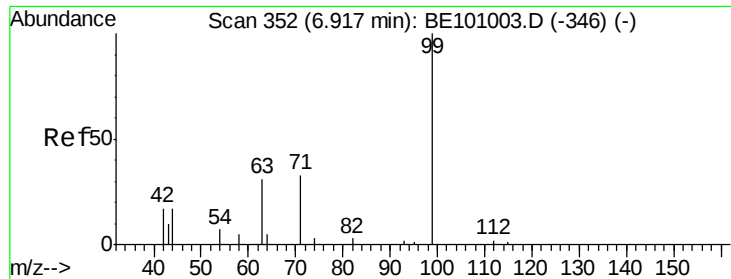
64 68.2 53.6 80.4

63 143.4 114.6 172.0



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: 0.330 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

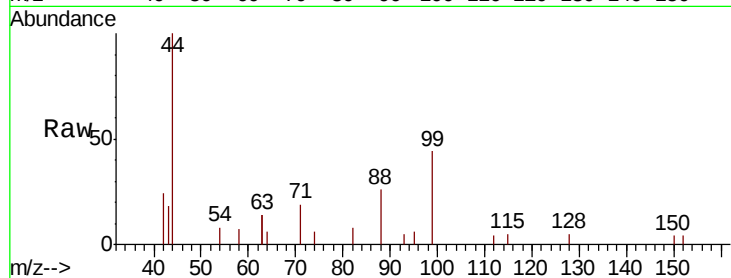
Tot Ion: 99 Resp: 2796

Ion Ratio Lower Upper

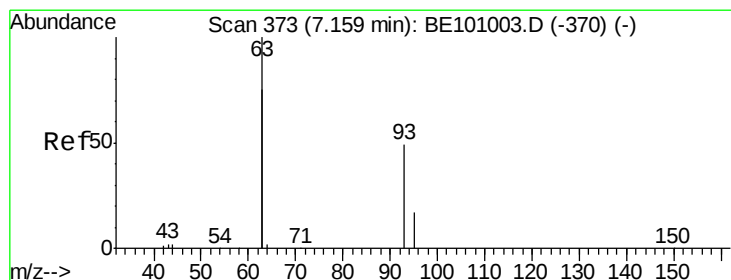
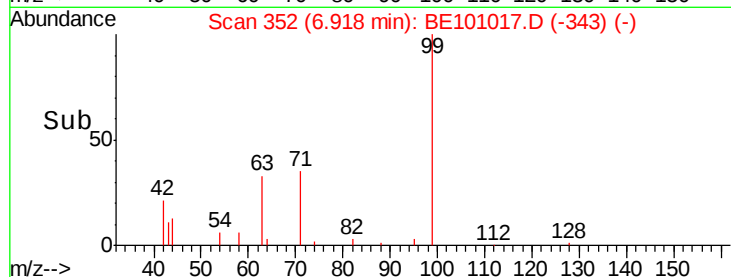
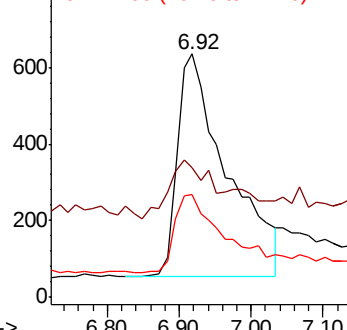
99 100

42 22.4 18.3 27.5

71 35.1 28.0 42.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

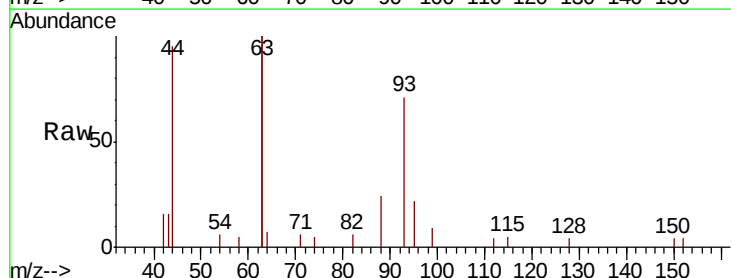
Tgt Ion: 93 Resp: 3329

Ion Ratio Lower Upper

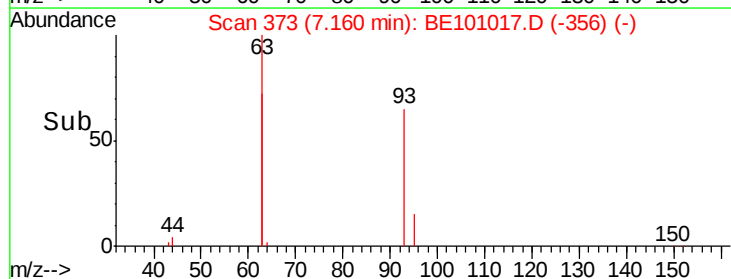
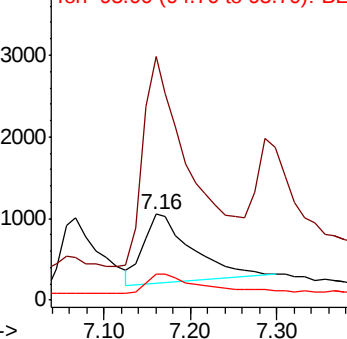
93 100

63 304.7 233.9 350.9

95 32.0 23.5 35.3



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 13333

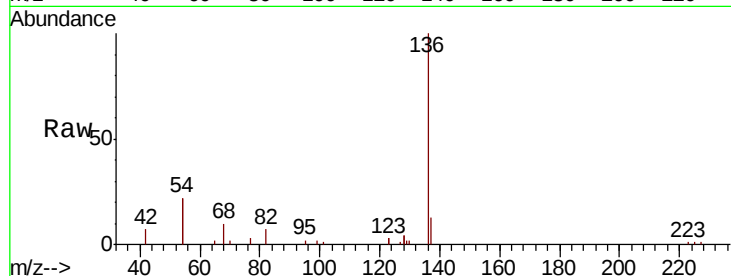
Ion Ratio Lower Upper

136 100

137 12.7 9.3 13.9

54 44.4 36.8 55.2

68 10.1 8.4 12.6

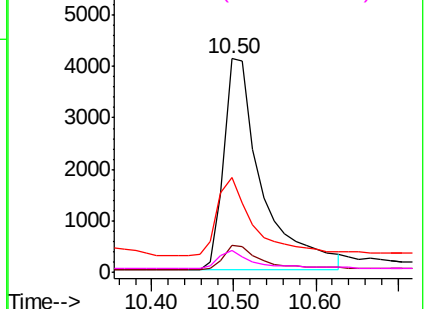
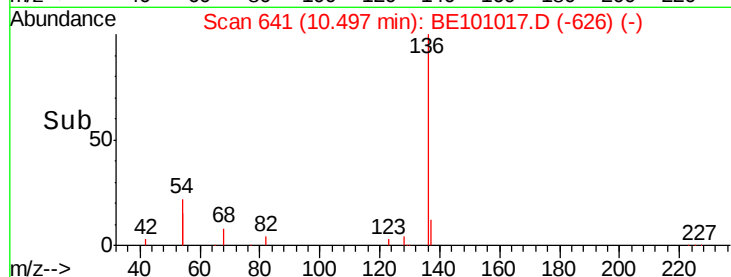


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

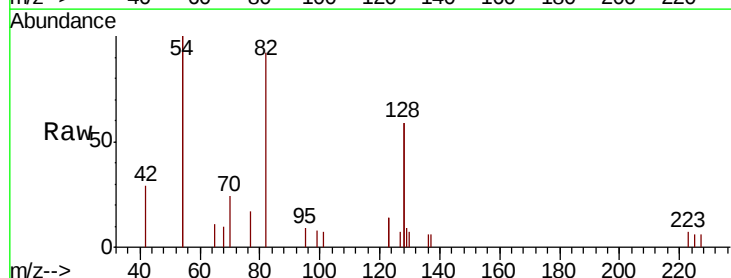
Tgt Ion: 82 Resp: 2826

Ion Ratio Lower Upper

82 100

128 129.6 109.8 164.6

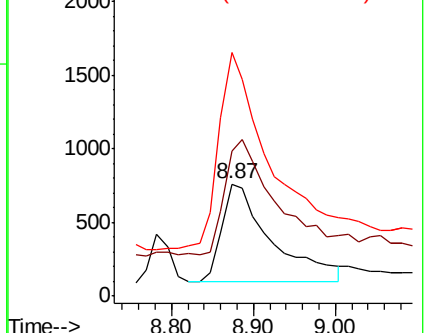
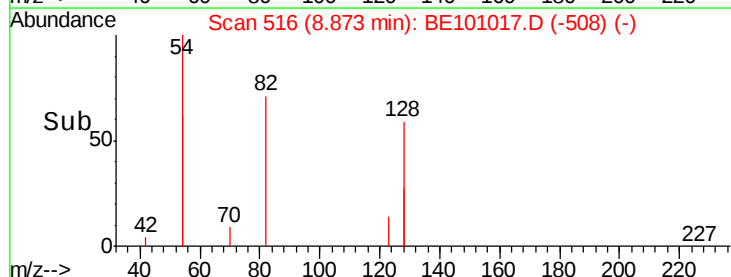
54 217.9 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.413 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

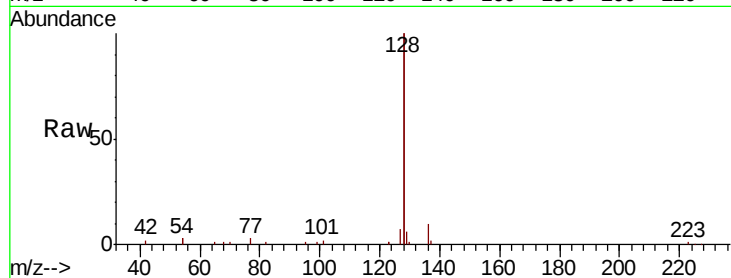
Tot Ion:128 Resp: 61214

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

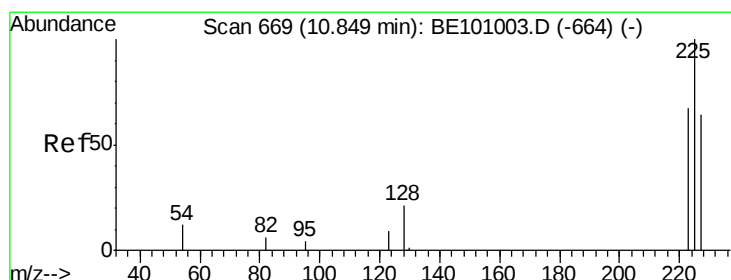
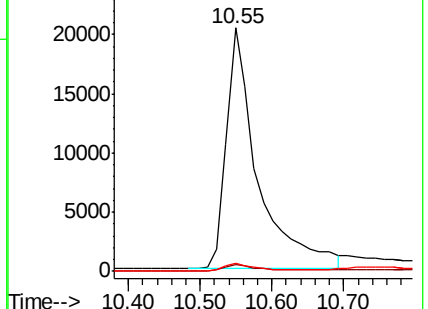
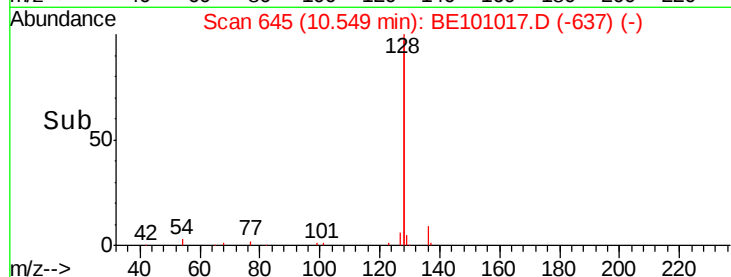
127 3.5 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.420 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

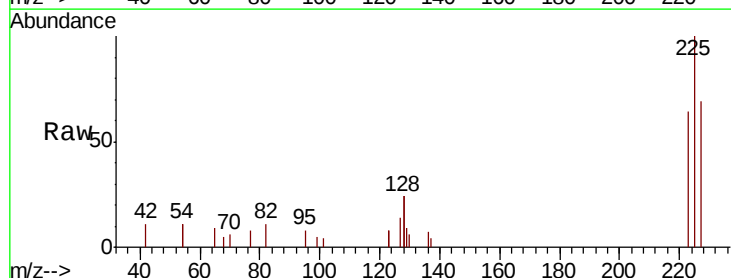
Tgt Ion:225 Resp: 2631

Ion Ratio Lower Upper

225 100

223 62.0 52.2 78.4

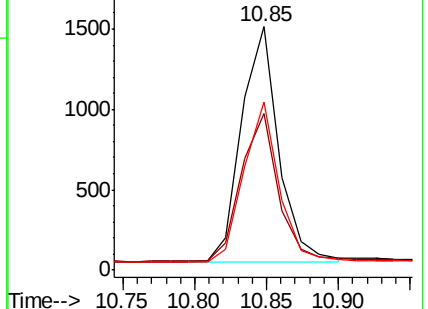
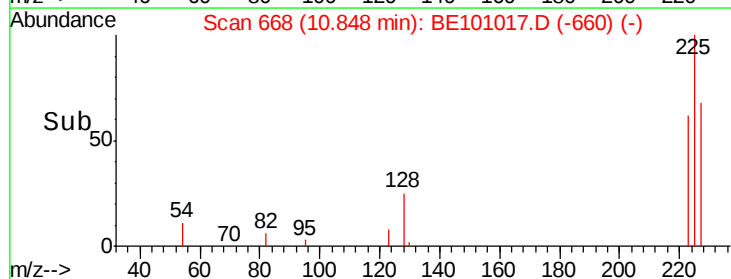
227 65.3 49.9 74.9

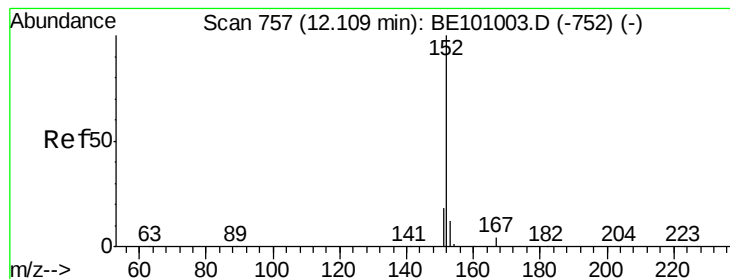


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

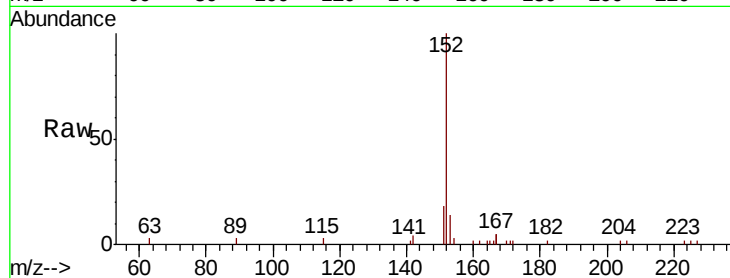
SSTDCCC0.4EC

Tot Ion:152 Resp: 10366

Ion Ratio Lower Upper

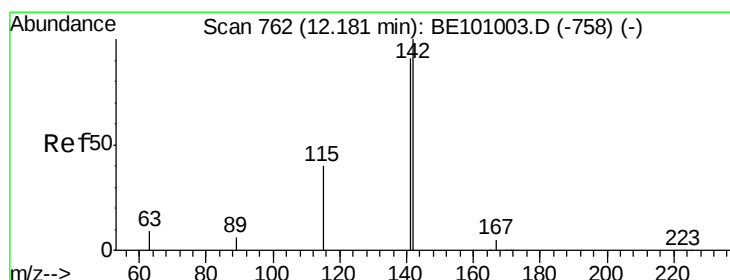
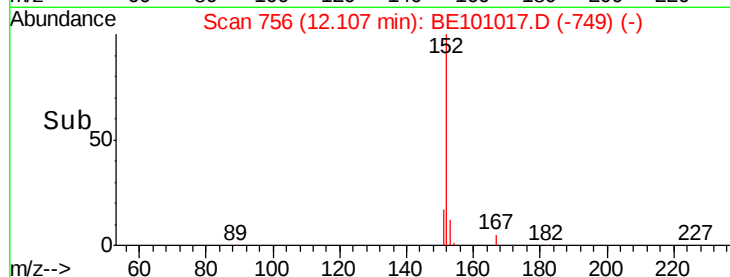
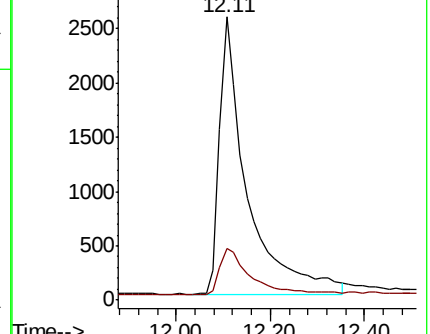
152 100

151 18.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.391 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

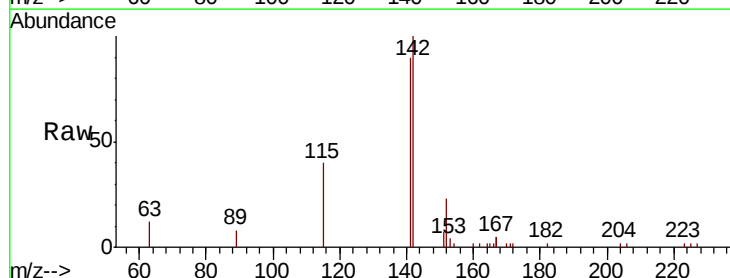
Tgt Ion:142 Resp: 8763

Ion Ratio Lower Upper

142 100

141 89.6 72.5 108.7

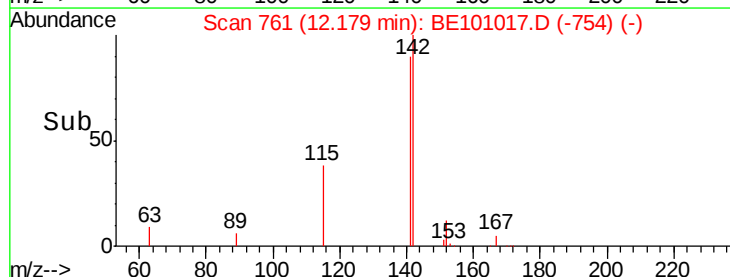
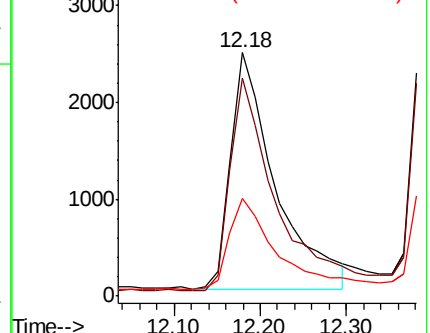
115 40.0 33.0 49.6

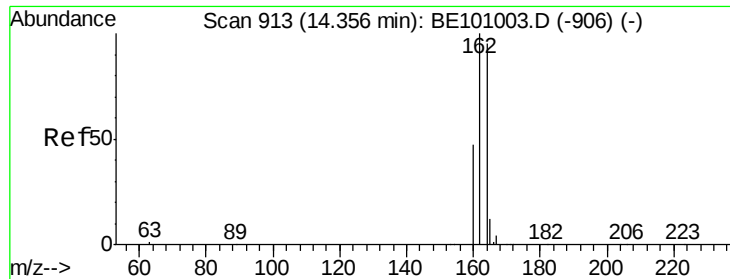


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

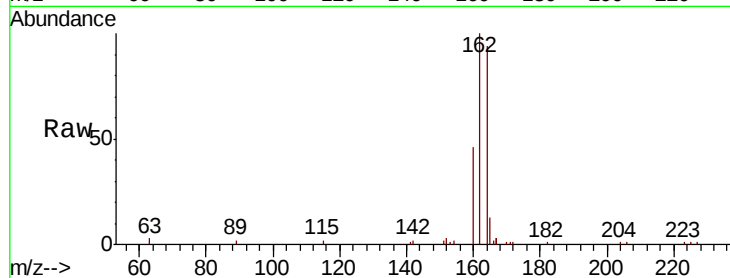




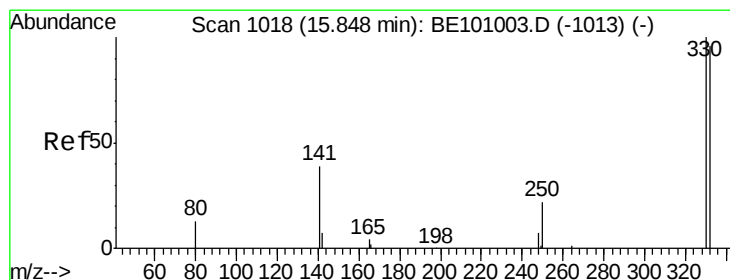
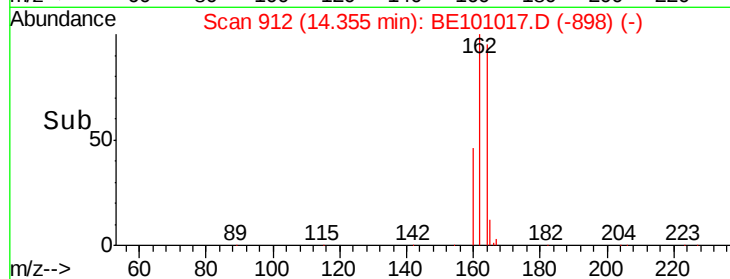
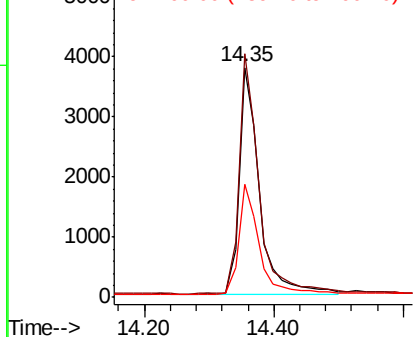
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 8106
Ion Ratio Lower Upper
164 100
162 105.9 84.1 126.1
160 49.0 40.4 60.6

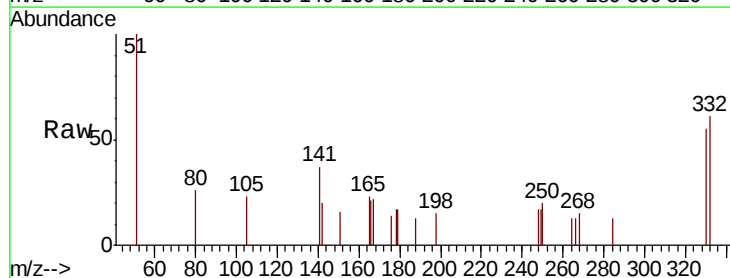


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

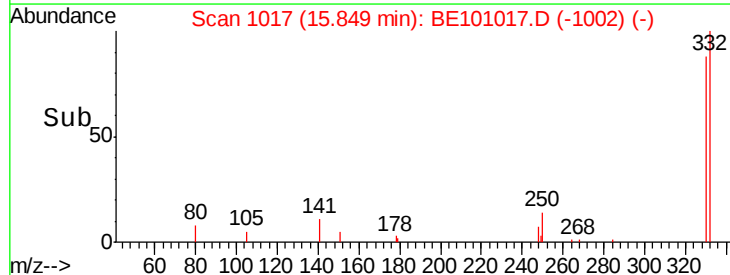
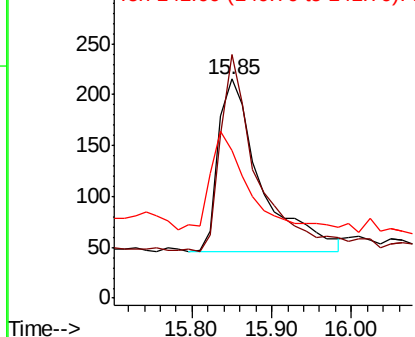


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:330 Resp: 632
Ion Ratio Lower Upper
330 100
332 97.6 78.4 117.6
141 50.5 37.0 55.4



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

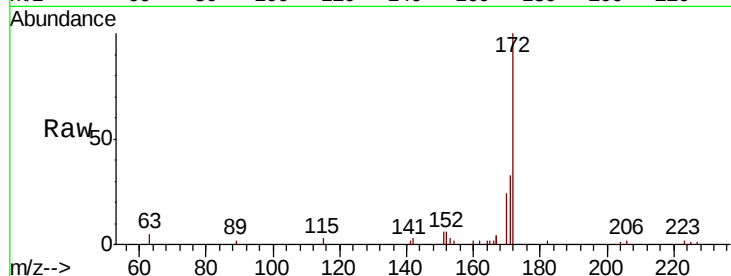




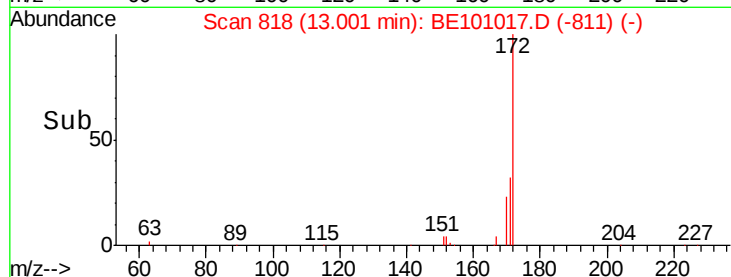
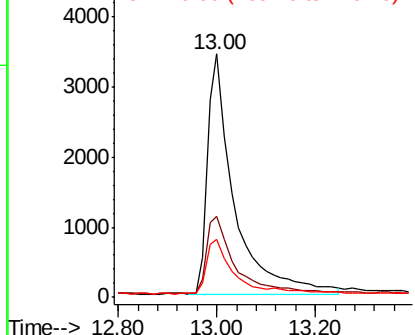
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 12812
Ion Ratio Lower Upper
172 100
171 33.3 28.2 42.2
170 23.8 18.9 28.3

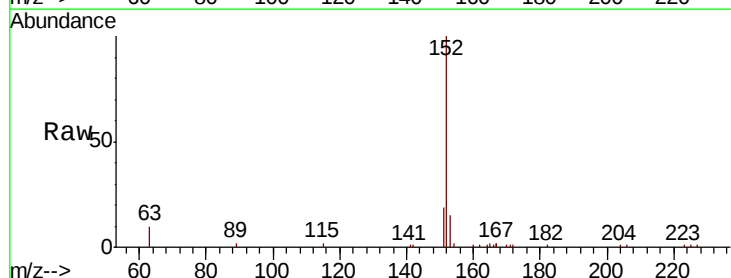


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

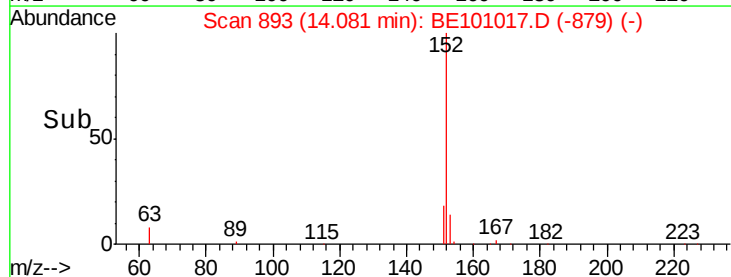
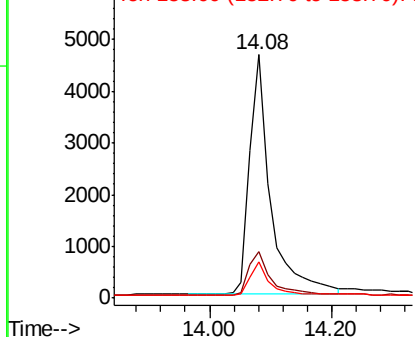


#16
Acenaphthylene
Concen: 0.336 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:152 Resp: 11102
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 14.1 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

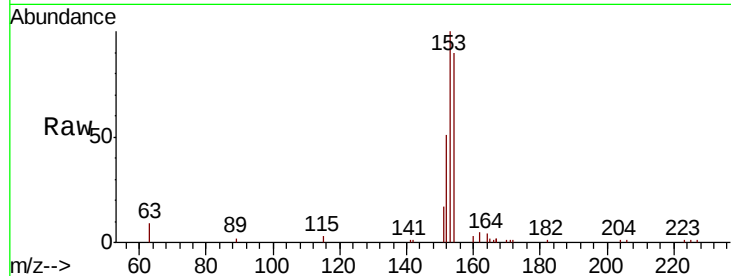




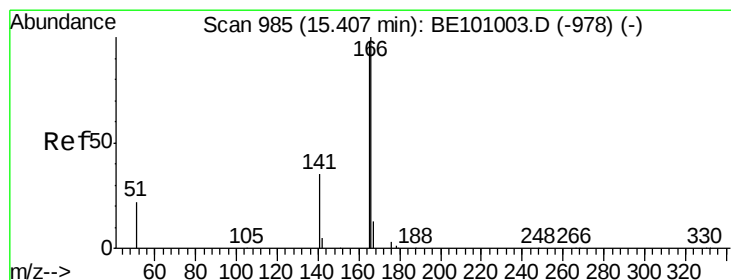
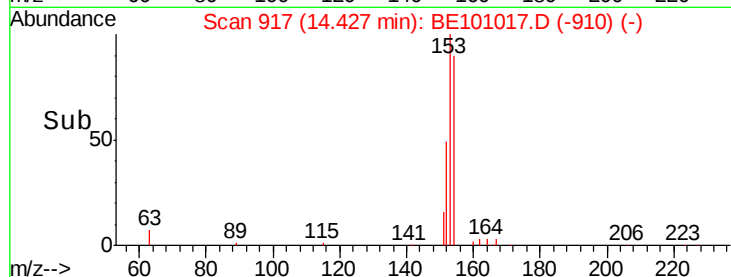
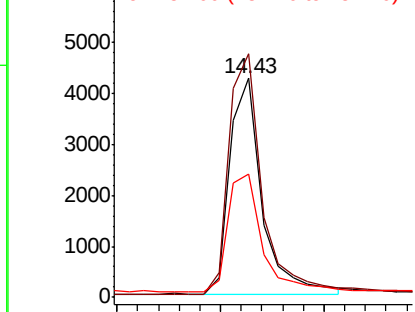
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 9242
Ion Ratio Lower Upper
154 100
153 114.5 93.6 140.4
152 57.3 46.3 69.5

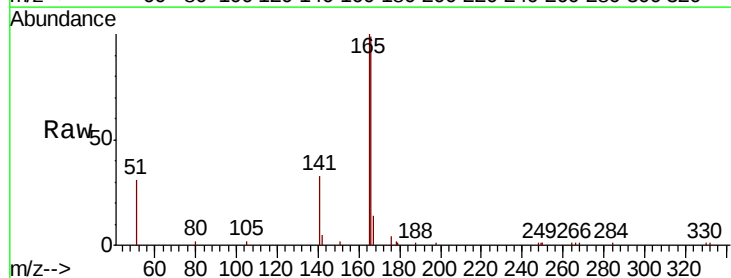


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

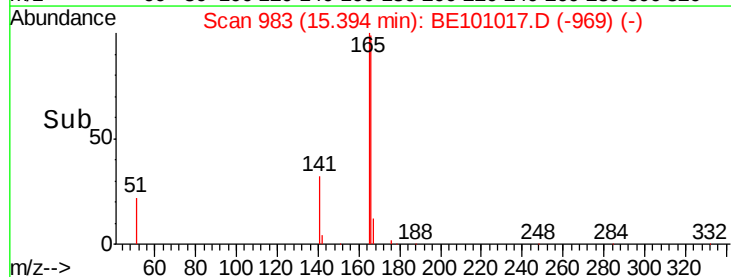
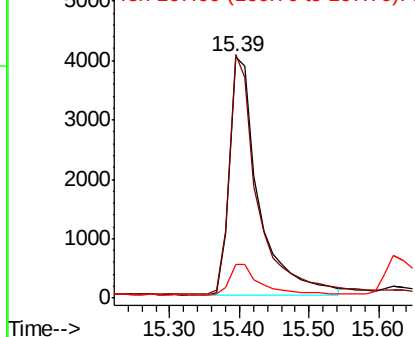


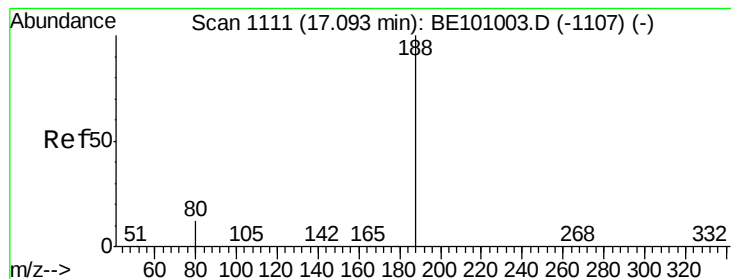
#18
Fluorene
Concen: 0.388 ng
RT: 15.39 min Scan# 983
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:166 Resp: 11589
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.8
167 13.5 11.0 16.6



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

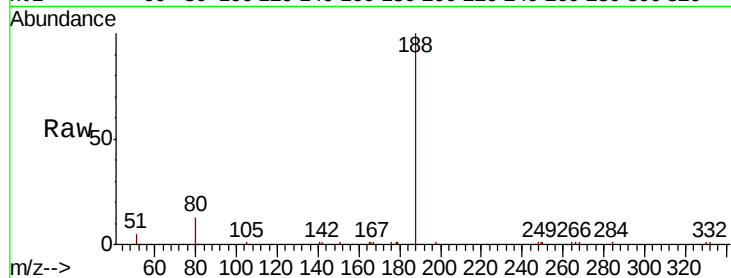
Tot Ion:188 Resp: 17885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

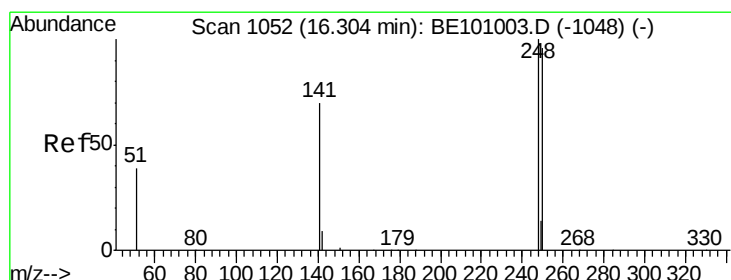
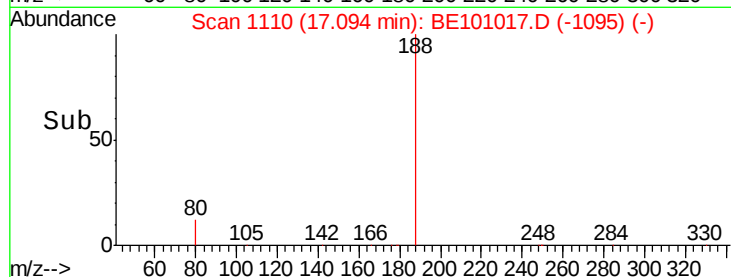
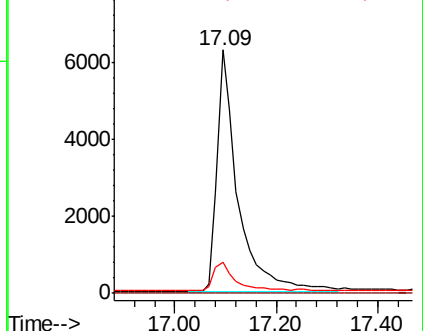
80 13.1 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.374 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

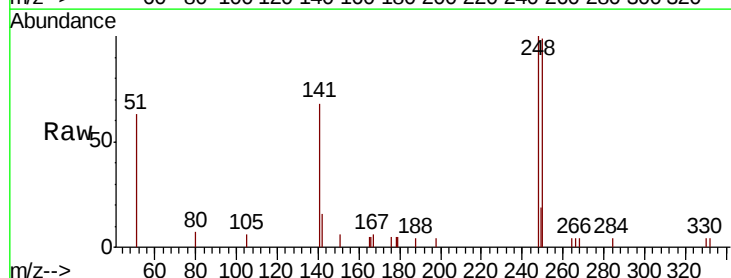
Tgt Ion:248 Resp: 3262

Ion Ratio Lower Upper

248 100

250 99.4 76.6 115.0

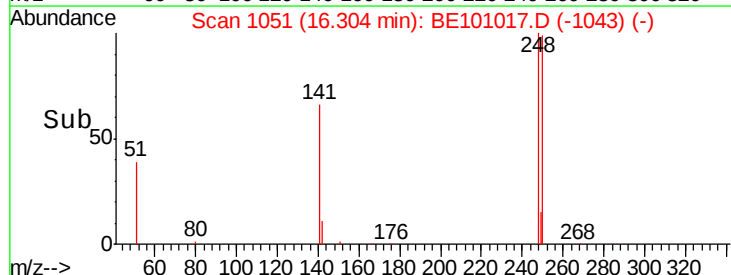
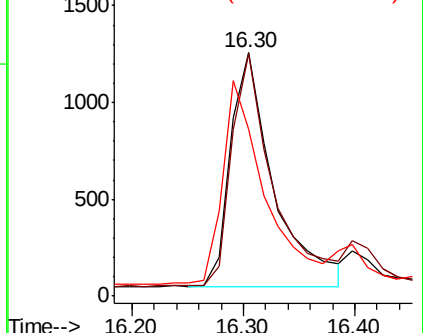
141 68.4 57.7 86.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

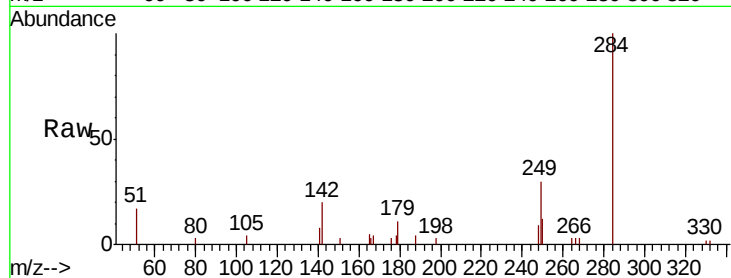
Tot Ion:284 Resp: 4024

Ion Ratio Lower Upper

284 100

142 40.9 34.0 51.0

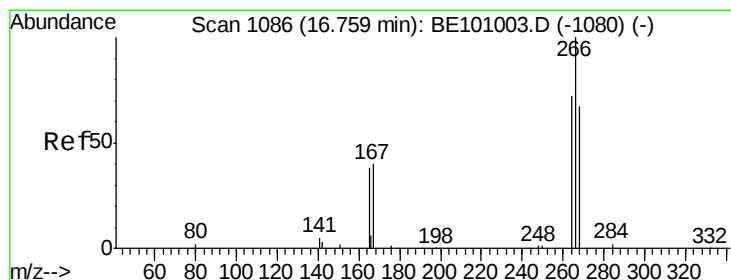
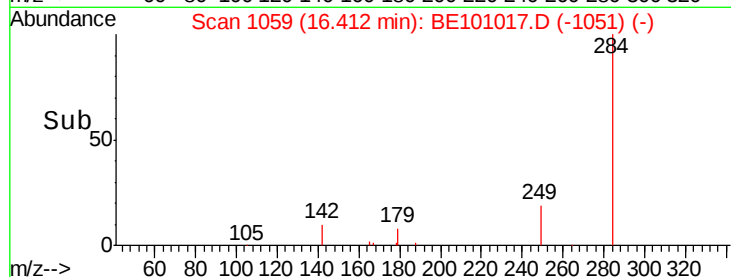
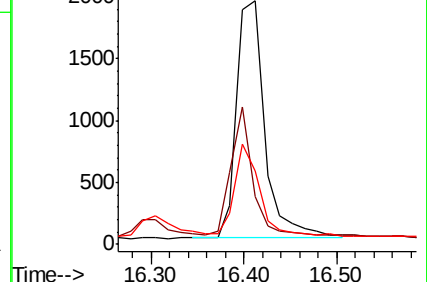
249 34.6 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.404 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

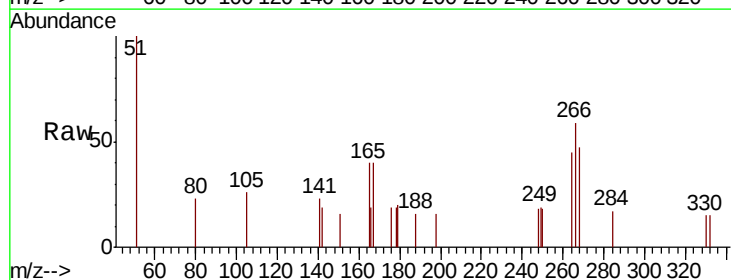
Tgt Ion:266 Resp: 517

Ion Ratio Lower Upper

266 100

264 76.5 61.0 91.4

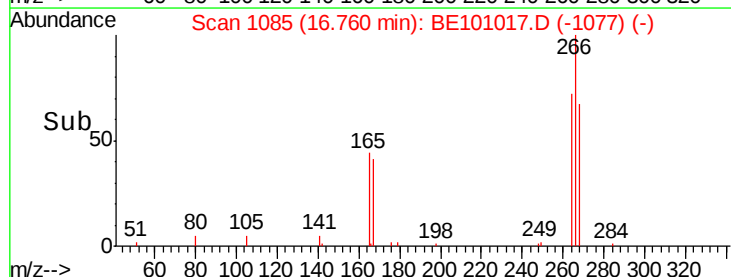
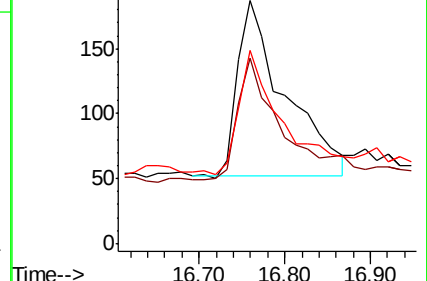
268 79.7 58.5 87.7



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

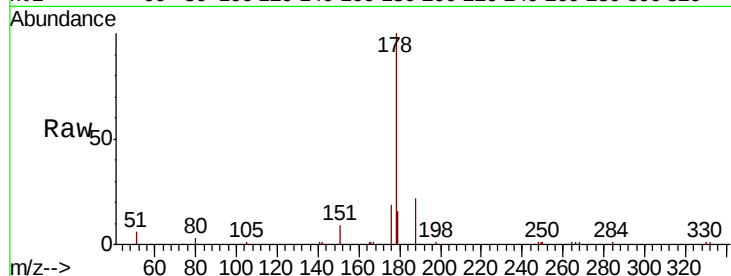
Tot Ion:178 Resp: 19099

Ion Ratio Lower Upper

178 100

176 18.6 15.7 23.5

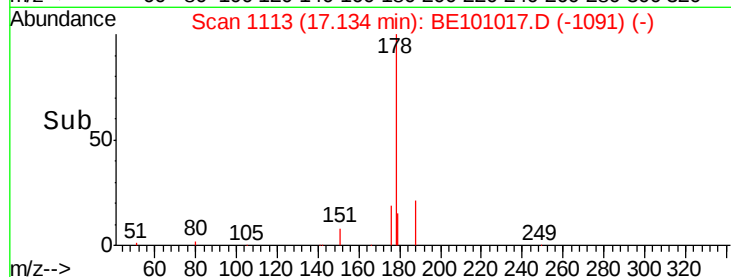
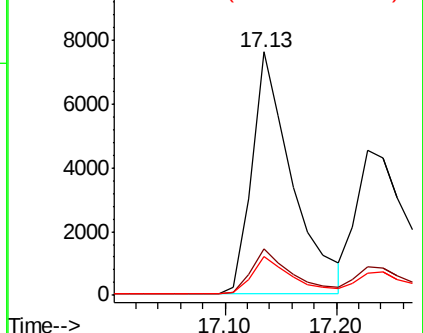
179 15.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.370 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

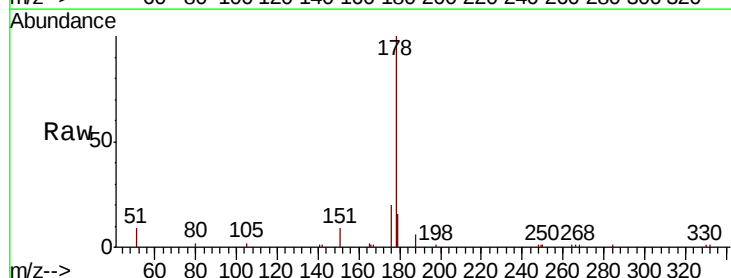
Tgt Ion:178 Resp: 17029

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

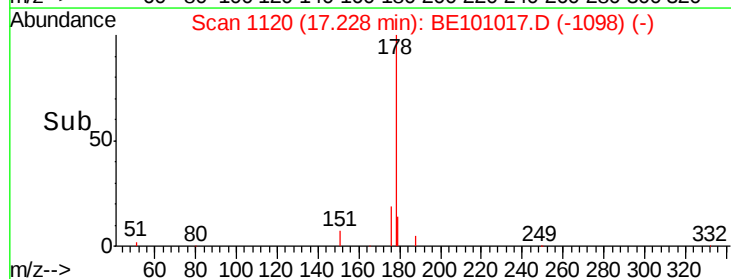
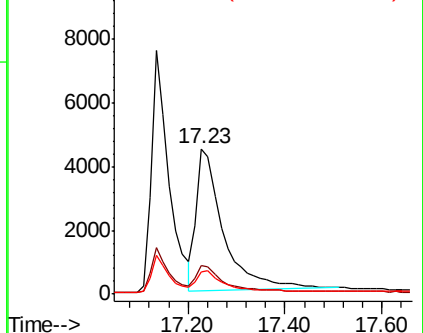
179 15.5 12.4 18.6

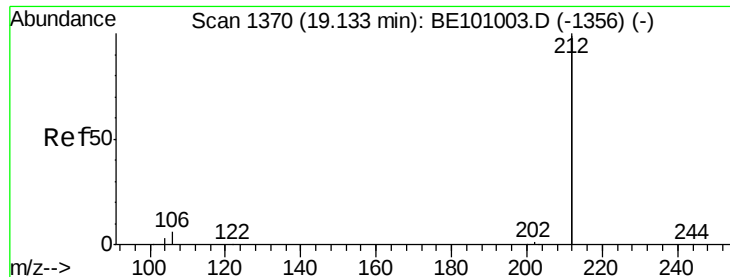


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

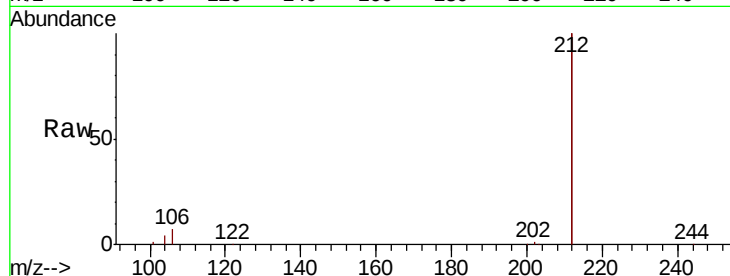
Tot Ion:212 Resp: 91210

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

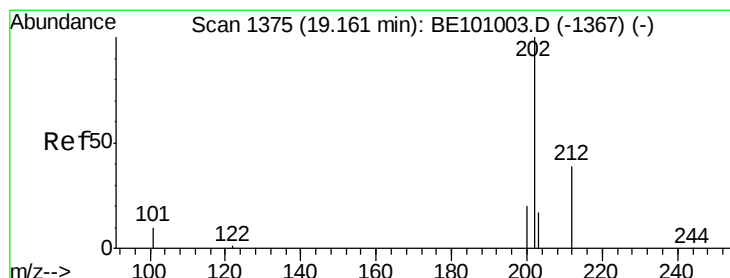
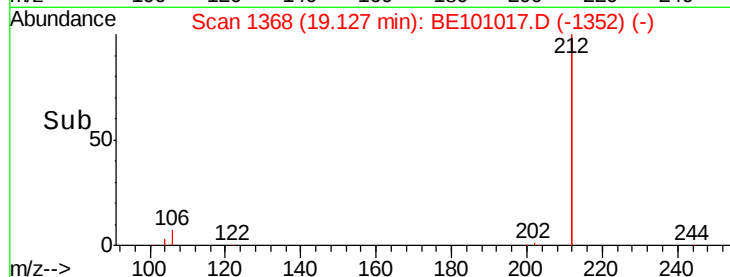
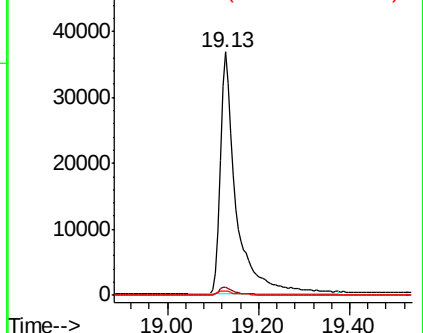
104 1.9 1.4 2.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.360 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

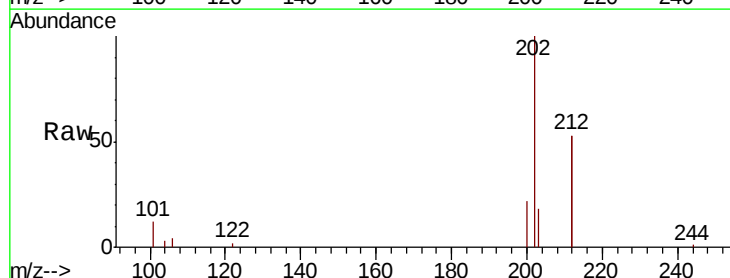
Tgt Ion:202 Resp: 22030

Ion Ratio Lower Upper

202 100

101 12.2 9.6 14.4

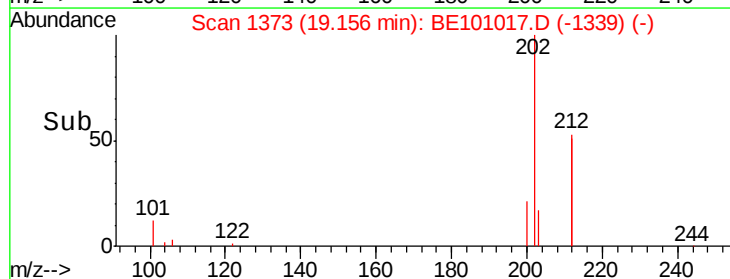
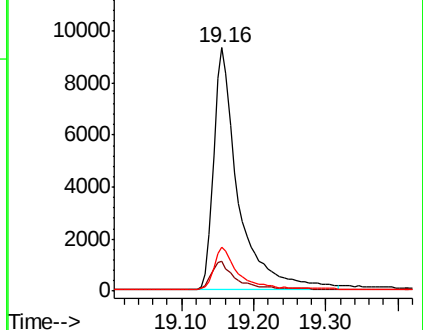
203 17.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

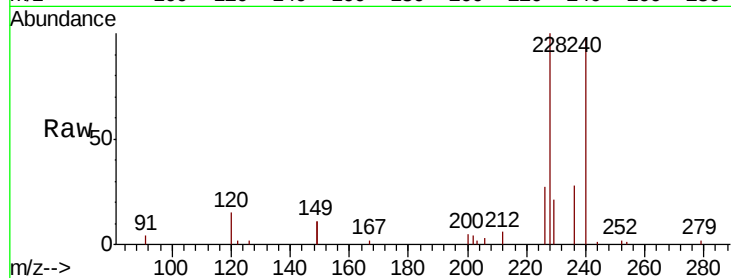
Tot Ion:240 Resp: 14990

Ion Ratio Lower Upper

240 100

120 14.9 8.6 13.0#

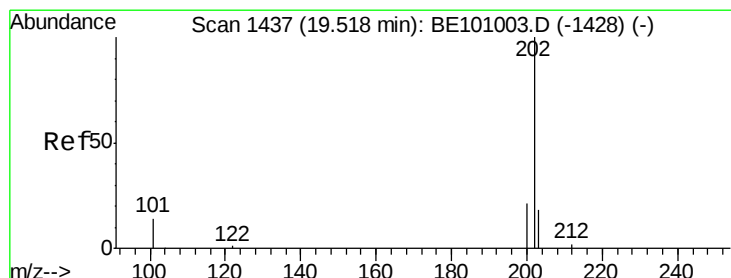
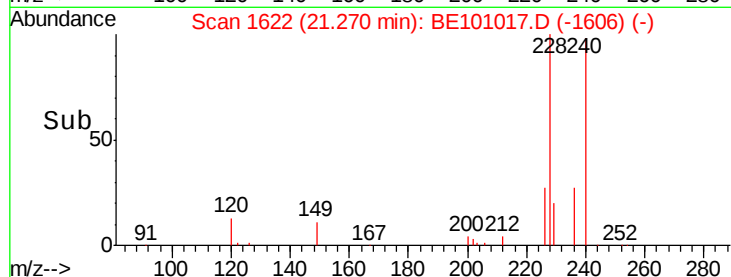
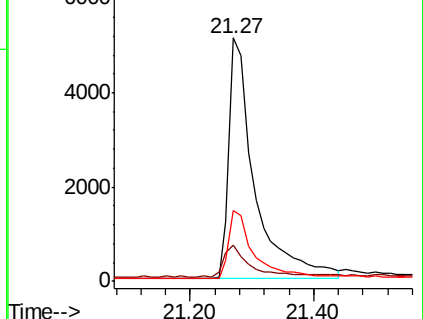
236 29.0 22.2 33.4



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: 0.400 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

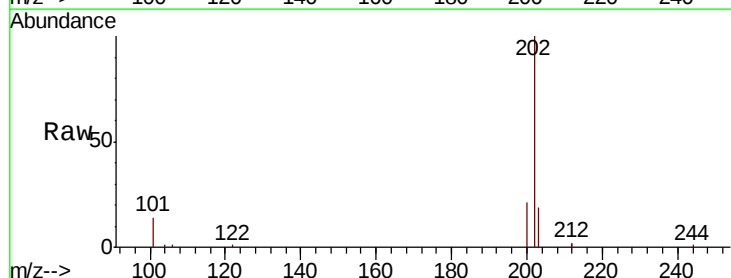
Tgt Ion:202 Resp: 22331

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

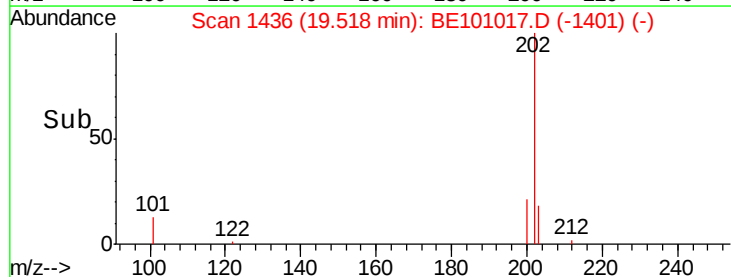
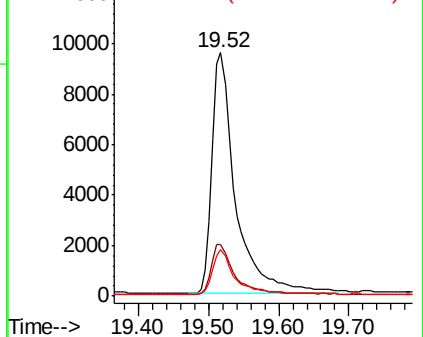
203 17.5 13.8 20.6

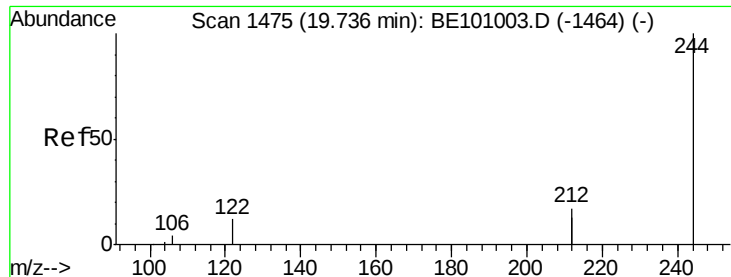


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

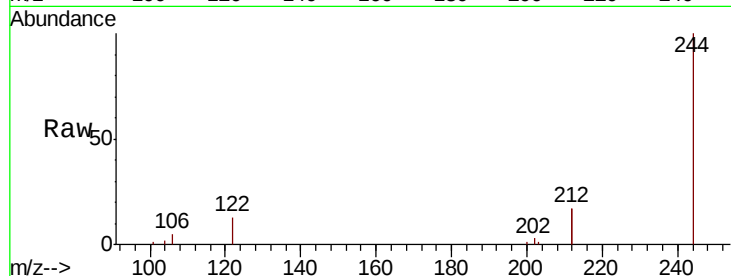
Tot Ion:244 Resp: 14514

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

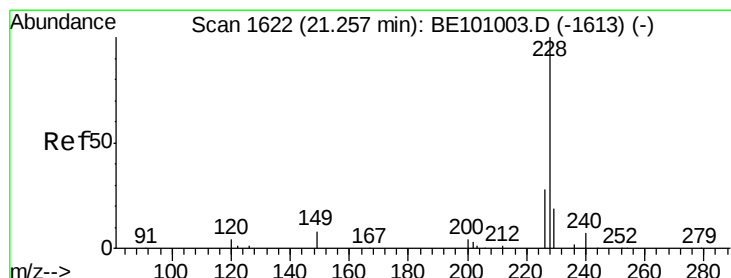
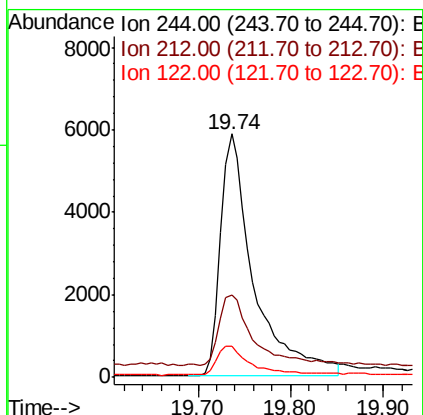
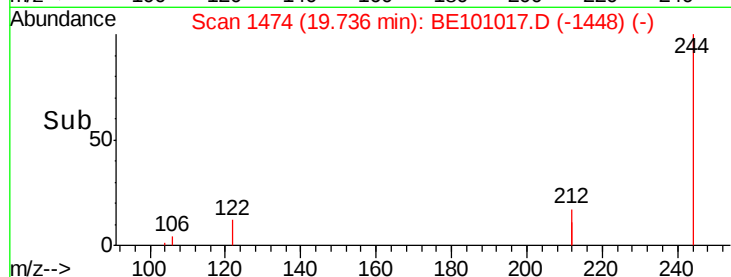
122 12.7 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.323 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

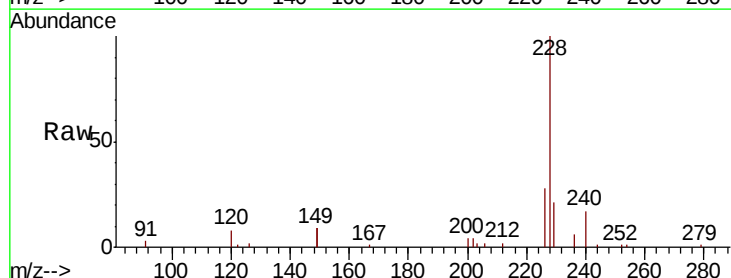
Tgt Ion:228 Resp: 13817

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

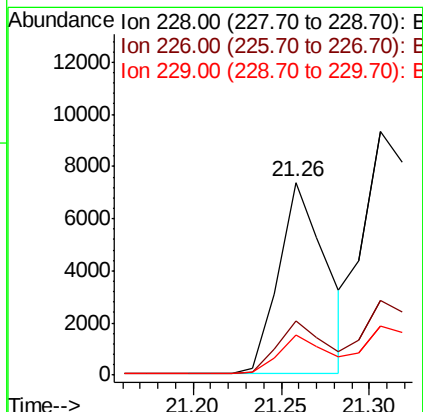
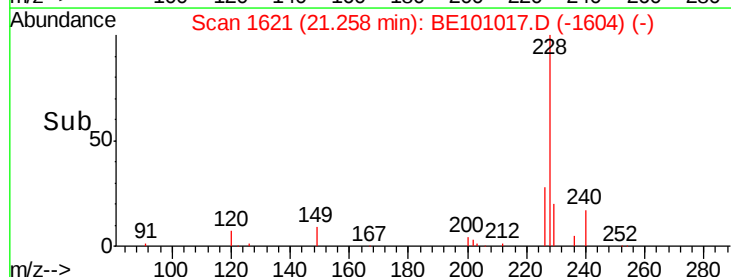
229 20.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.455 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

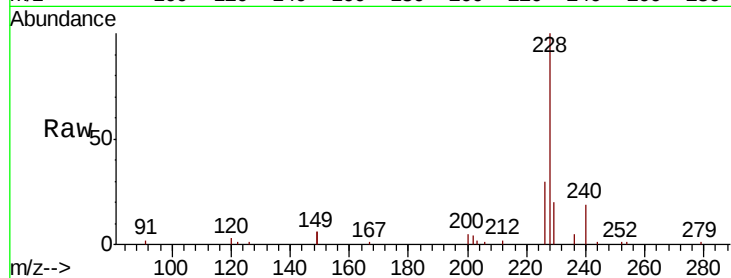
Tot Ion:228 Resp: 28944

Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

229 19.9 16.7 25.1

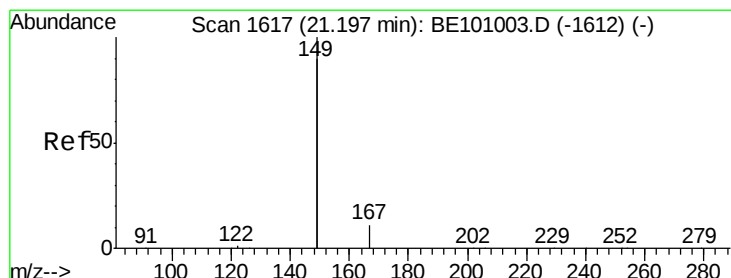
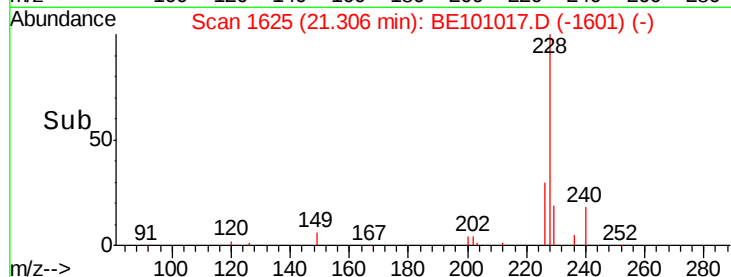
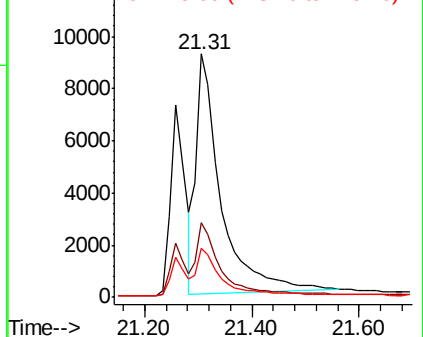


Abundance

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: 0.335 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

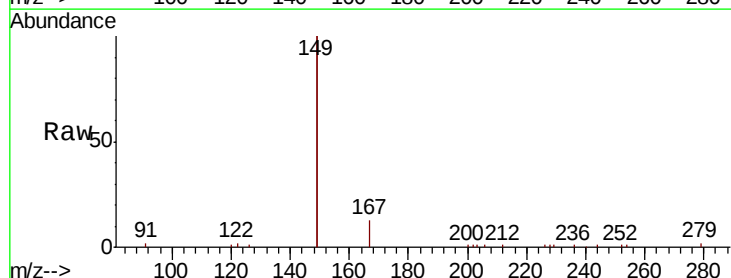
Tgt Ion:149 Resp: 23848

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

279 1.1 0.8 1.2

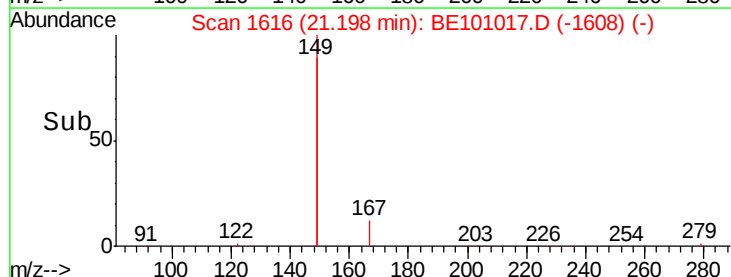
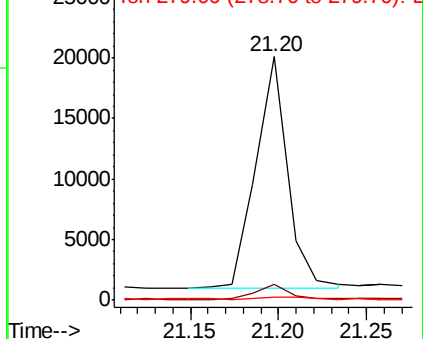


Abundance

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

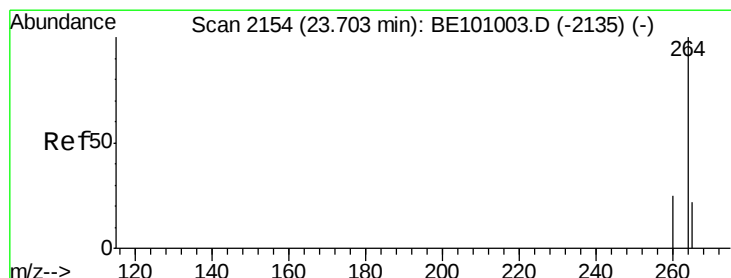
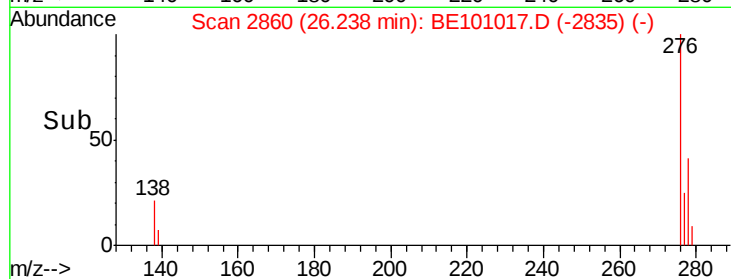
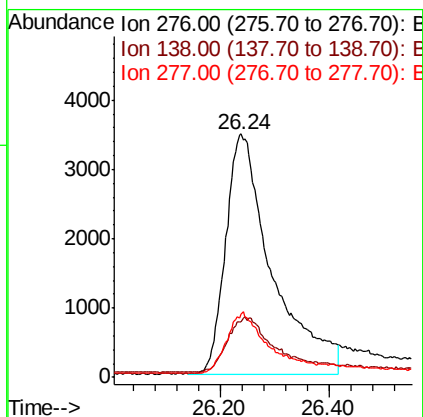
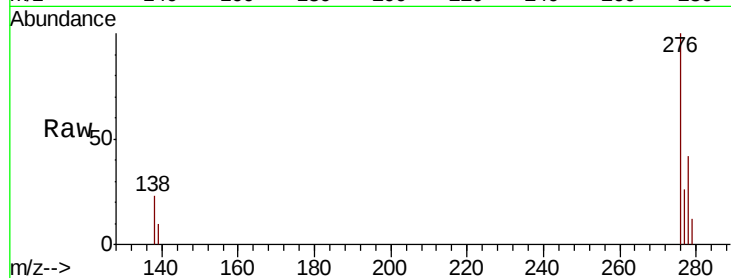




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

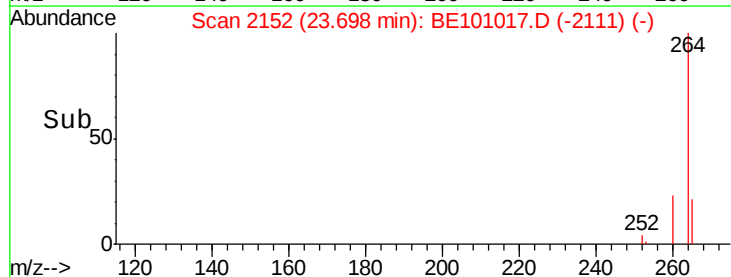
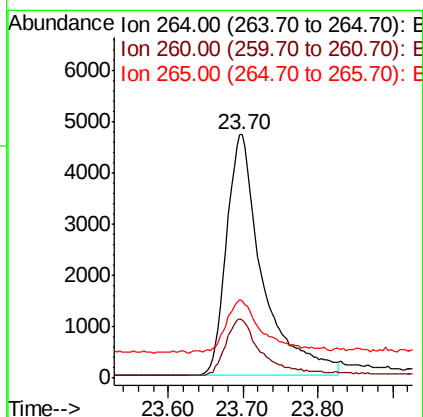
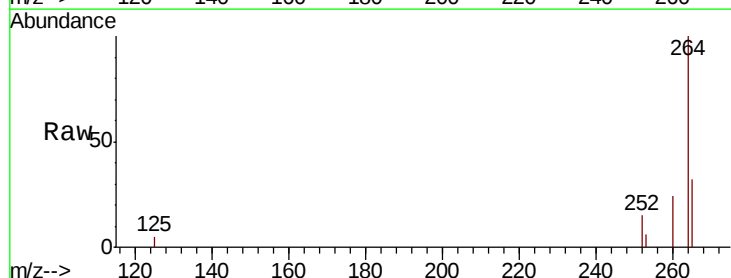
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

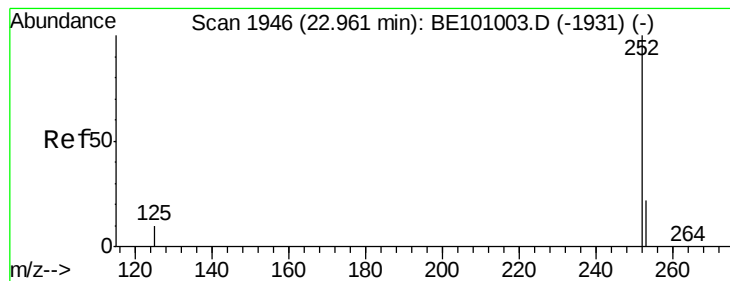
Tot Ion:276 Resp: 20560
Ion Ratio Lower Upper
276 100
138 23.2 16.1 24.1
277 23.2 18.1 27.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:264 Resp: 15717
Ion Ratio Lower Upper
264 100
260 23.9 20.3 30.5
265 31.6 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.359 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

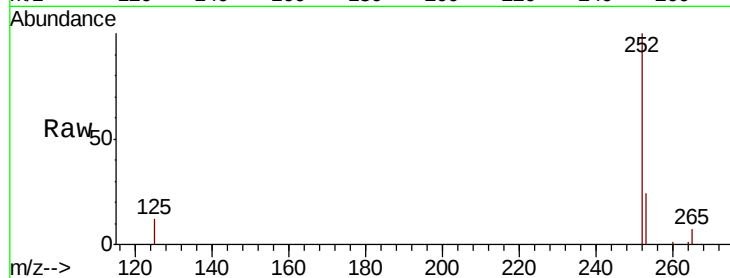
Tot Ion:252 Resp: 15808

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

125 12.2 9.5 14.3

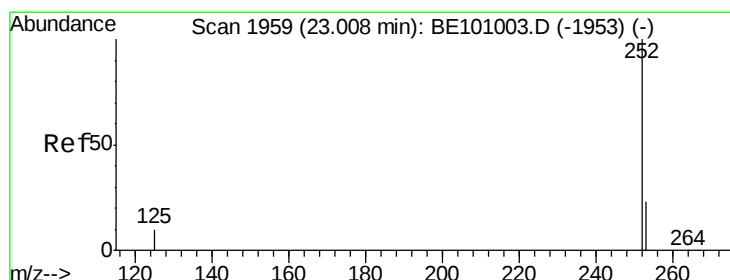
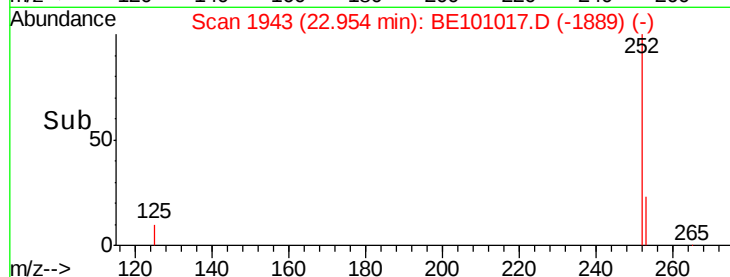
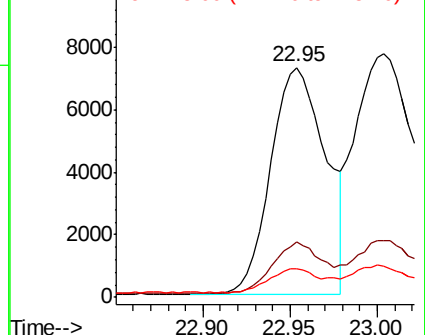


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.359 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

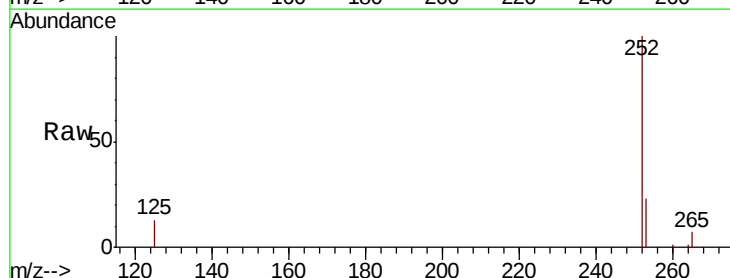
Tgt Ion:252 Resp: 22946

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 12.9 10.1 15.1

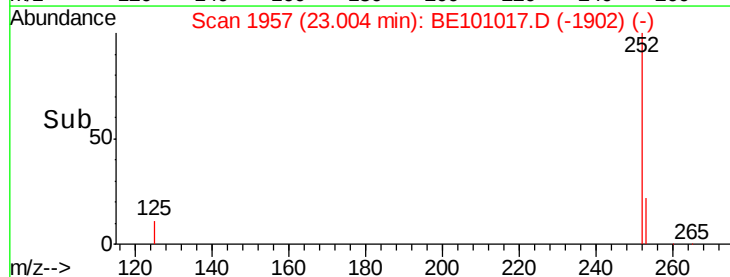
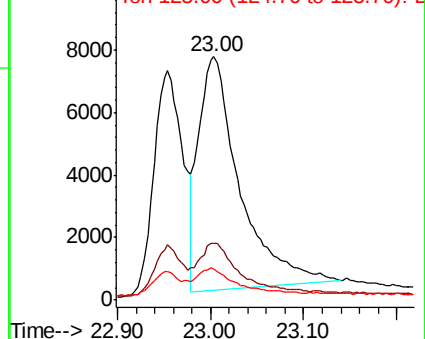


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

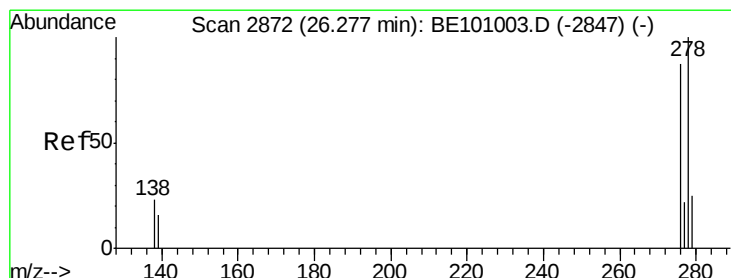
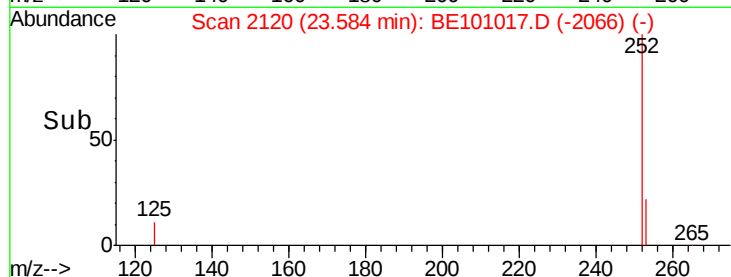
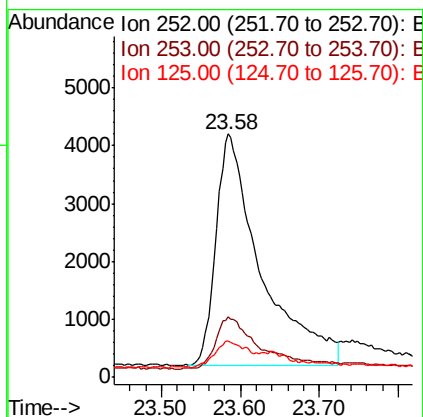
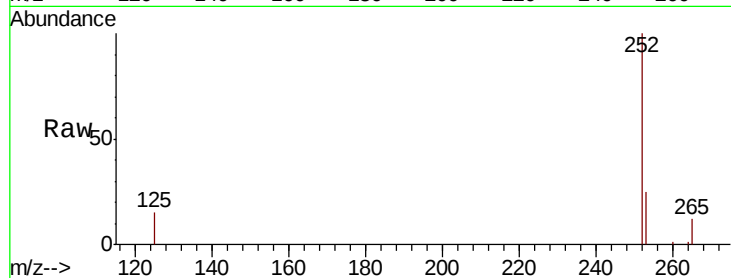




#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.58 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

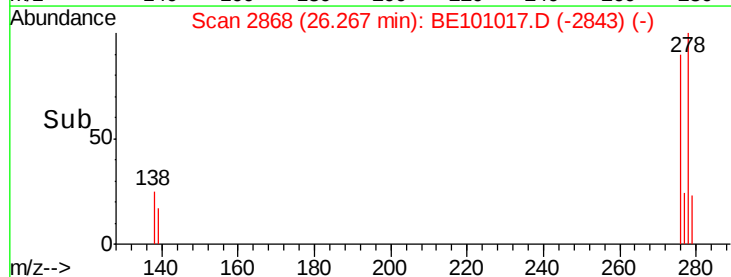
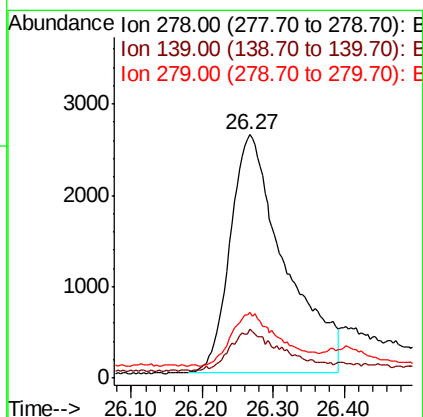
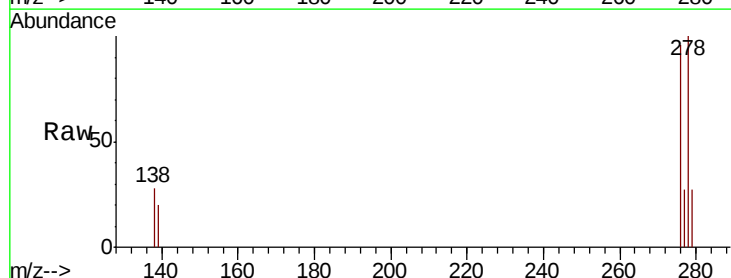
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 15902
Ion Ratio Lower Upper
252 100
253 24.6 19.4 29.2
125 14.8 11.8 17.6



#38
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101017.D
Acq: 9 Jan 2020 18:07

Tgt Ion:278 Resp: 13913
Ion Ratio Lower Upper
278 100
139 20.0 15.0 22.4
279 27.1 22.6 33.8





#39

Benzo(a,h,i)perylene

Concen: 0.401 ng

RT: 27.01 min Scan# 3076

Delta R.T. -0.02 min

Lab File: BE101017.D

Acq: 9 Jan 2020 18:07

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

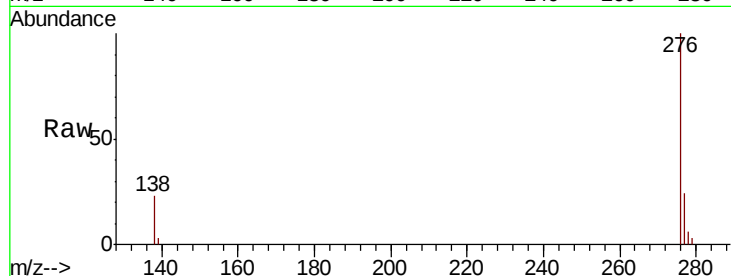
Tot Ion: 276 Resp: 19360

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 22.9 17.9 26.9



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

