

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100818\
 Data File : BE097790.D
 Acq On : 8 Oct 2018 12:33
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 09 06:56:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3575	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15180	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8740	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	24115	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	29221	0.40	ng	-0.01
34) Perylene-d12	24.02	264	26424	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2879	0.34	ng	-0.01
5) Phenol-d6	7.04	99	4386	0.34	ng	0.00
8) Nitrobenzene-d5	9.04	82	2898	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9235	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	620	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14378	0.37	ng	-0.02
25) Fluoranthene-d10	19.32	212	111610	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	24170	0.41	ng	-0.01

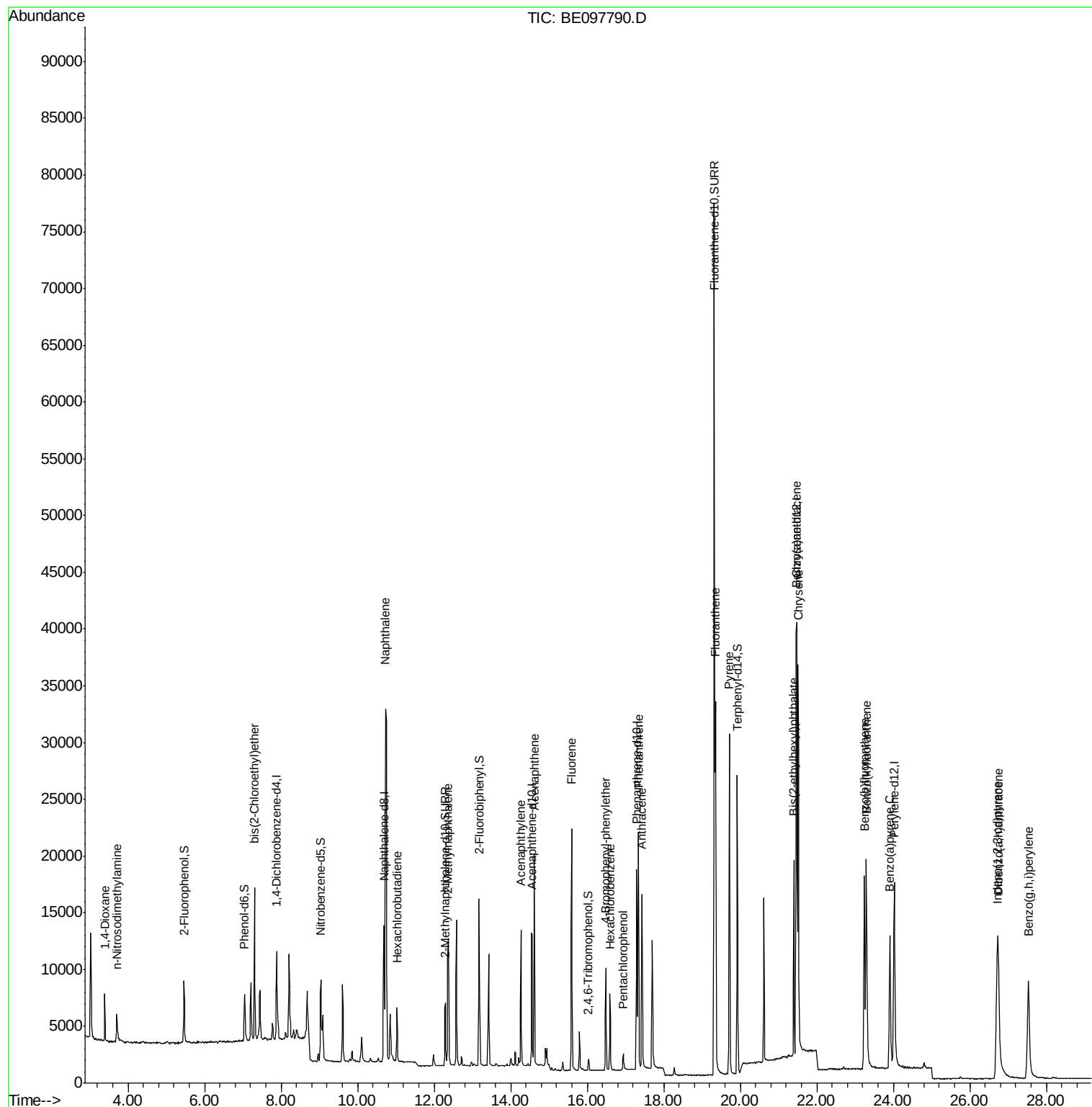
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2620	0.368	ng	96
3) n-Nitrosodimethylamine	3.70	42	2093	0.323	ng	# 90
6) bis(2-Chloroethyl)ether	7.31	93	5034	0.375	ng	99
9) Naphthalene	10.73	128	57957	0.379	ng	100
10) Hexachlorobutadiene	11.03	225	3180	0.392	ng	98
12) 2-Methylnaphthalene	12.37	142	9239	0.377	ng	98
16) Acenaphthylene	14.27	152	13376	0.346	ng	99
17) Acenaphthene	14.61	154	9422	0.380	ng	98
18) Fluorene	15.59	166	12316	0.374	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4668	0.369	ng	94
21) Hexachlorobenzene	16.59	284	5279	0.371	ng	98
22) Pentachlorophenol	16.94	266	959	0.430	ng	92
23) Phenanthrene	17.34	178	23537	0.379	ng	99
24) Anthracene	17.42	178	19355	0.361	ng	99
26) Fluoranthene	19.35	202	28986	0.366	ng	99
28) Pyrene	19.72	202	29526	0.398	ng	99
30) Benzo(a)anthracene	21.46	228	27824	0.354	ng	99
31) Chrysene	21.51	228	34390	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	18655	0.325	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	26340	0.345	ng	99
35) Benzo(b)fluoranthene	23.24	252	25035	0.345	ng	99
36) Benzo(k)fluoranthene	23.30	252	31204	0.388	ng	99
37) Benzo(a)pyrene	23.91	252	22375	0.341	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	21222	0.328	ng	98
39) Benzo(g,h,i)perylene	27.53	276	24204	0.358	ng	100

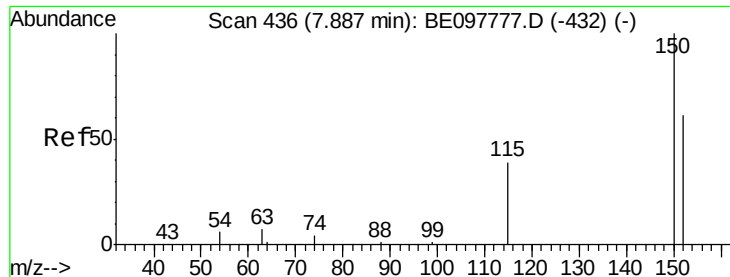
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

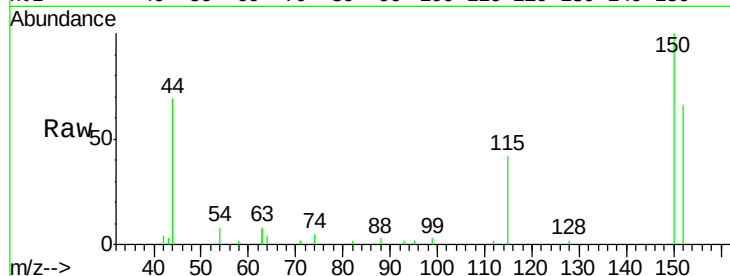
Tgt Ion:152 Resp: 3575

Ion Ratio Lower Upper

152 100

150 152.4 120.9 181.3

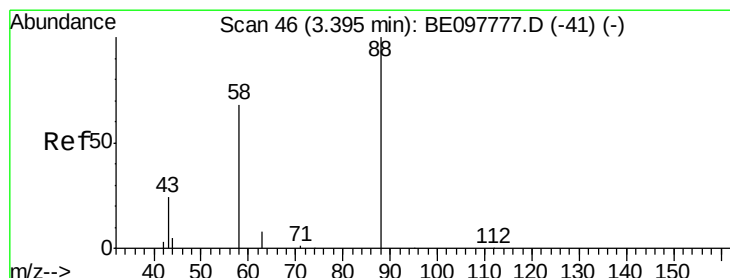
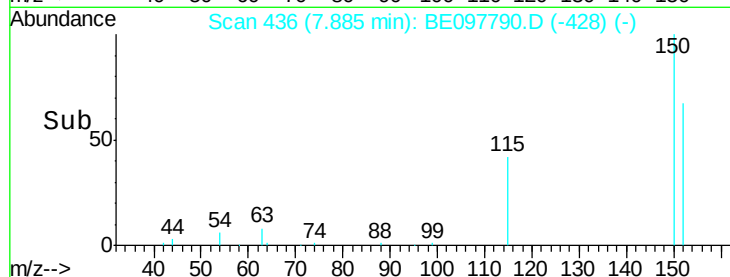
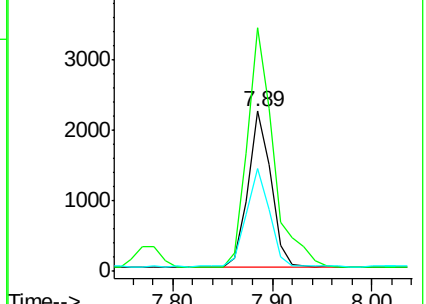
115 64.1 46.6 69.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.368 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

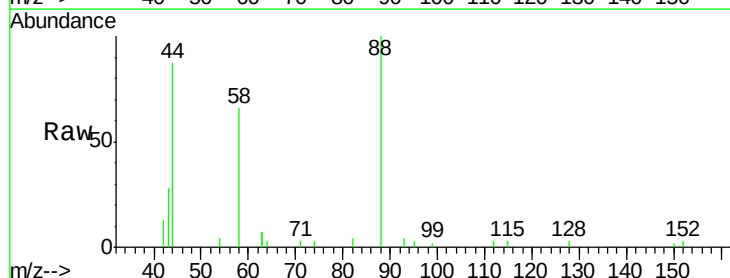
Tgt Ion: 88 Resp: 2620

Ion Ratio Lower Upper

88 100

58 87.9 70.8 106.2

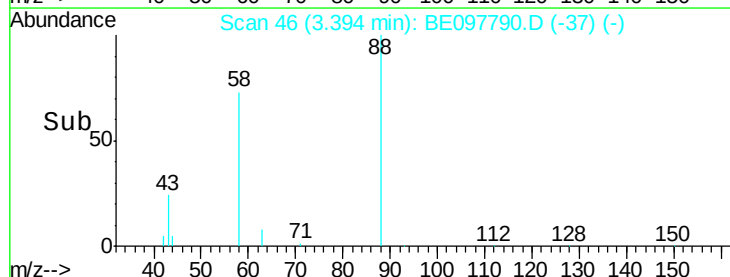
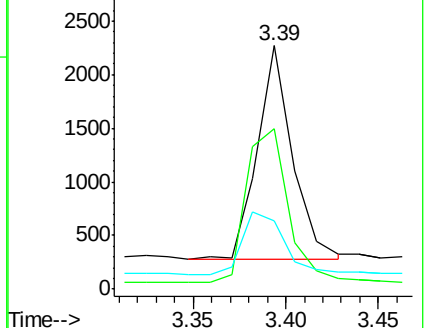
43 34.8 33.3 49.9

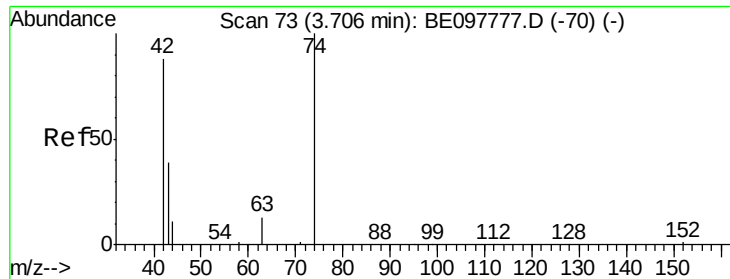


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

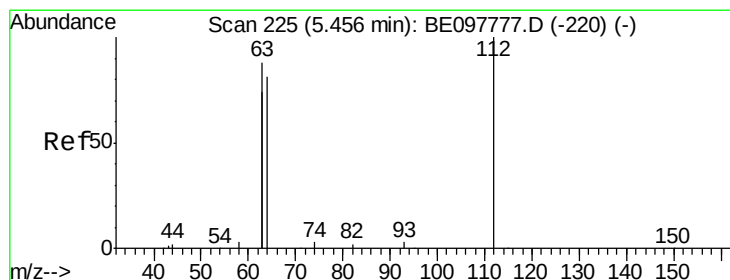
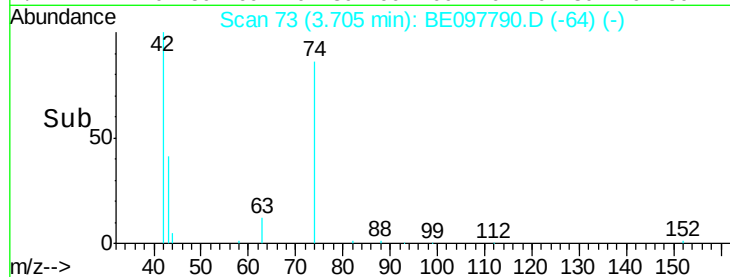
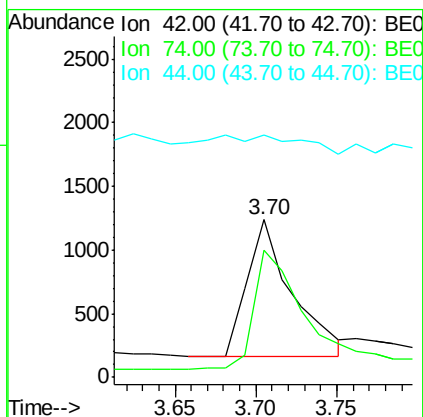
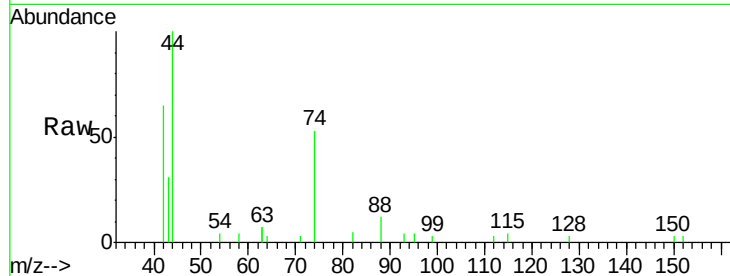




#3
 n-Nitrosodimethylamine
 Concen: 0.323 ng
 RT: 3.70 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

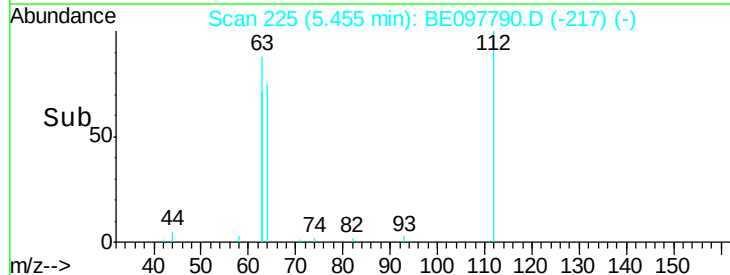
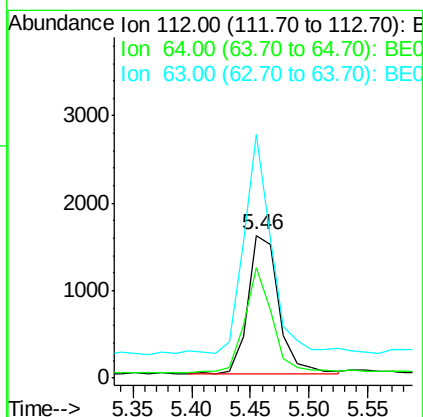
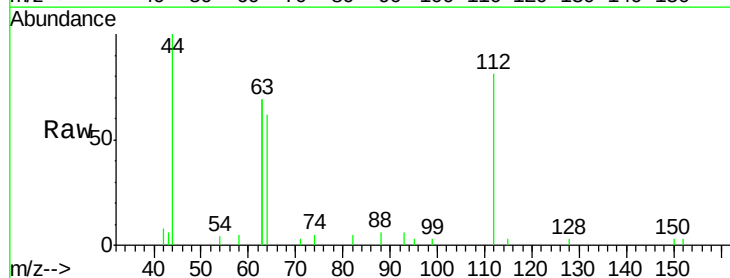
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

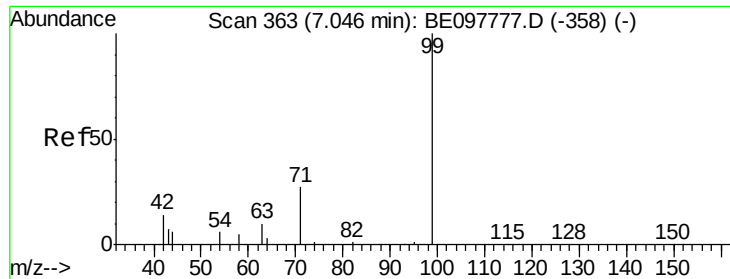
Tgt Ion: 42 Resp: 2093
 Ion Ratio Lower Upper
 42 100
 74 92.0 70.7 106.1
 44 0.0 15.0 22.4#



#4
 2-Fluorophenol
 Concen: 0.340 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Tgt Ion: 112 Resp: 2879
 Ion Ratio Lower Upper
 112 100
 64 69.0 56.6 84.8
 63 144.3 119.4 179.0





#5

Phenol-d6

Concen: 0.338 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

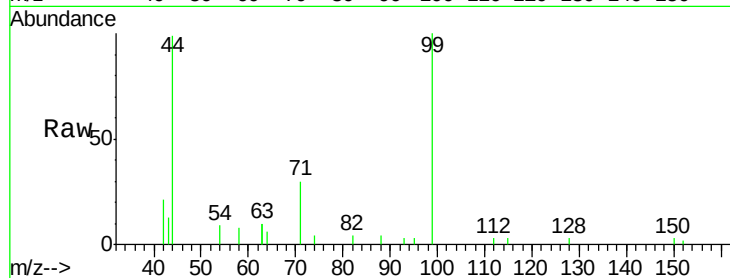
Tgt Ion: 99 Resp: 4386

Ion Ratio Lower Upper

99 100

42 27.5 19.9 29.9

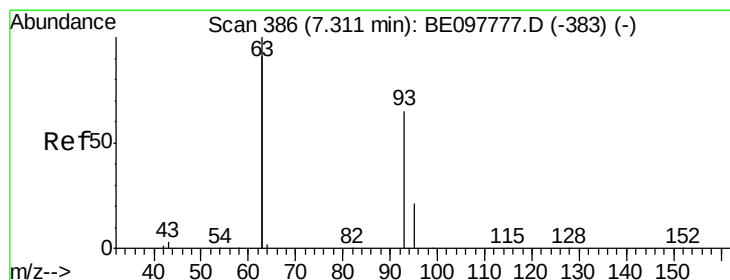
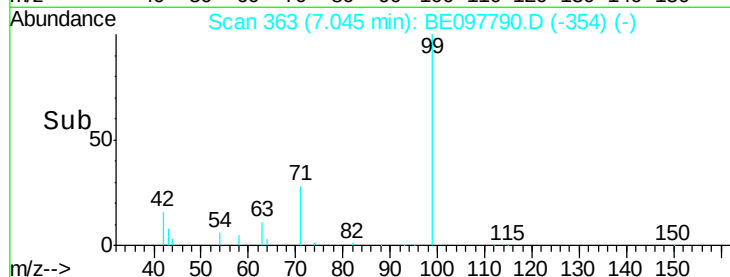
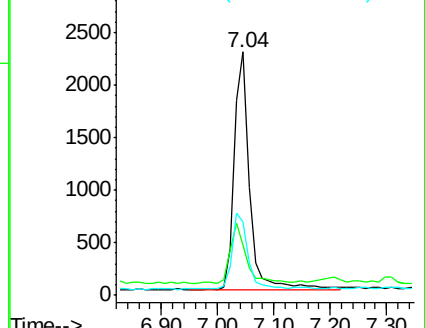
71 31.9 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

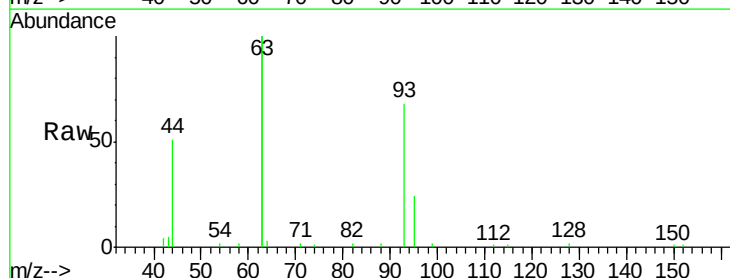
Tgt Ion: 93 Resp: 5034

Ion Ratio Lower Upper

93 100

63 330.9 266.9 400.3

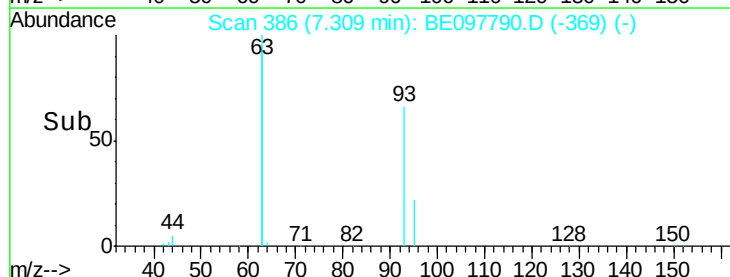
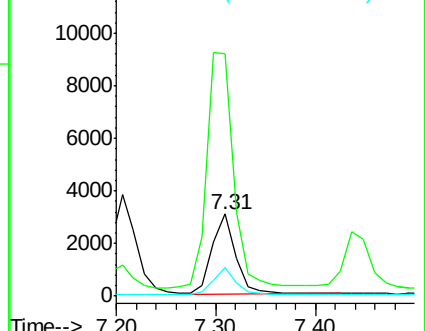
95 31.8 26.2 39.2

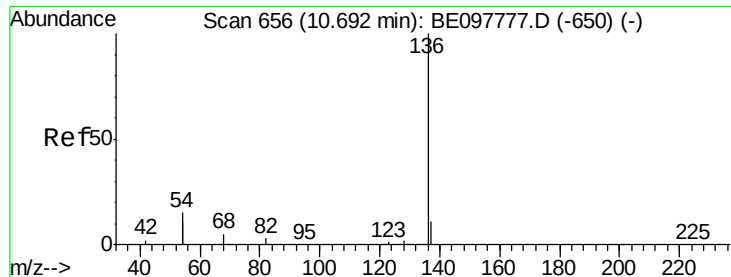


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 15180

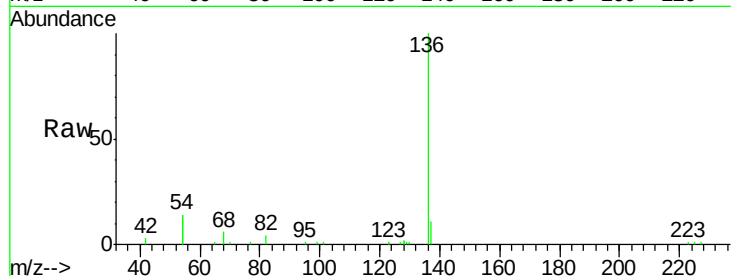
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 27.6 37.8 56.6#

68 5.6 6.4 9.6#

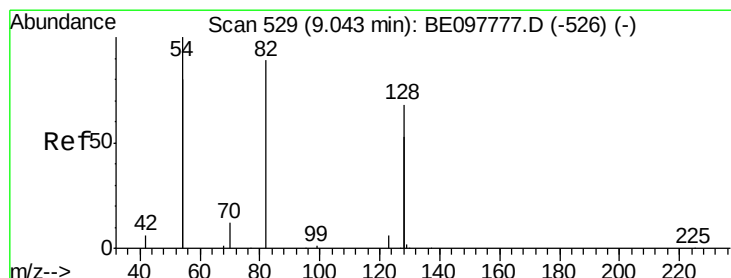
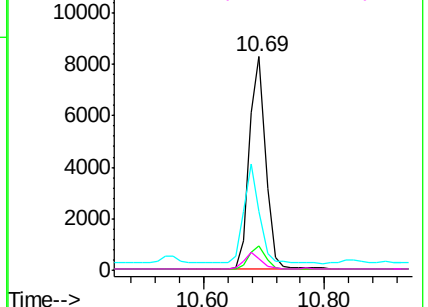
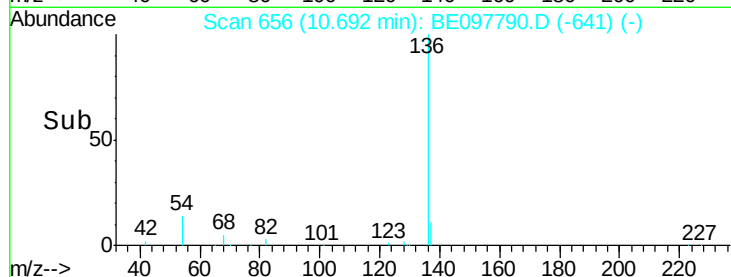


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.588 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

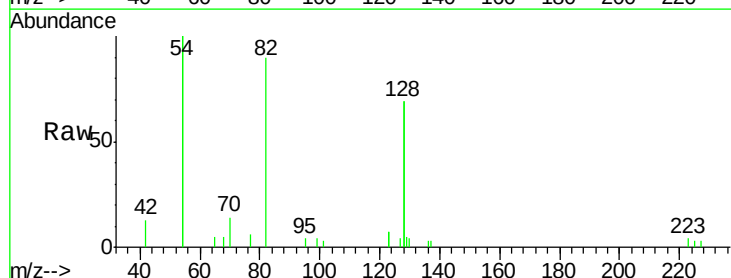
Tgt Ion: 82 Resp: 2898

Ion Ratio Lower Upper

82 100

128 153.5 97.0 145.4#

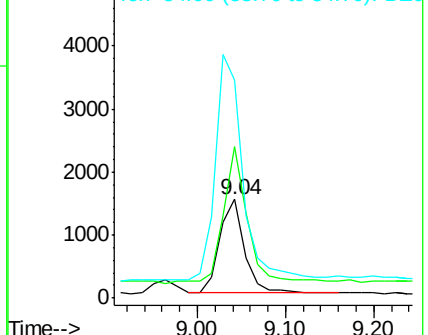
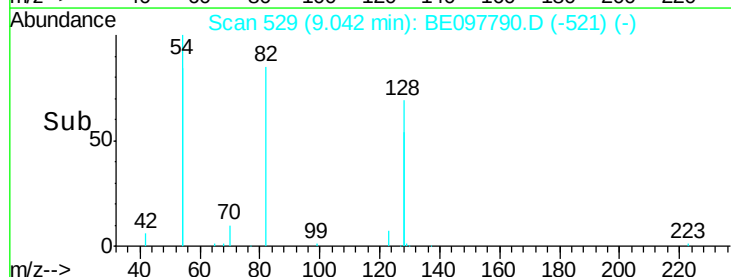
54 222.2 206.9 310.3

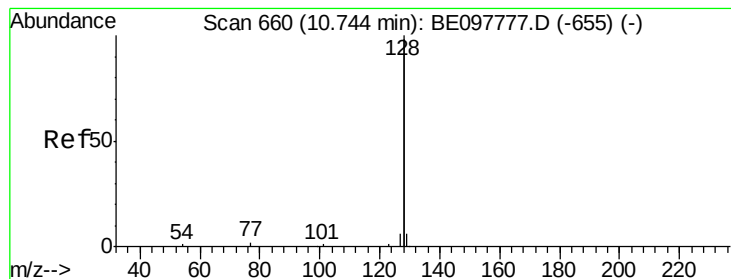


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

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ClientSampleId :

SSTDCCC0.4

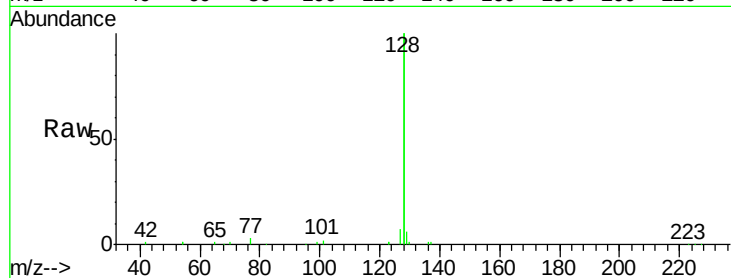
Tgt Ion:128 Resp: 57957

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

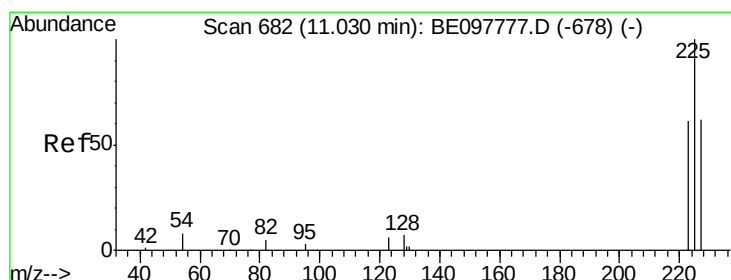
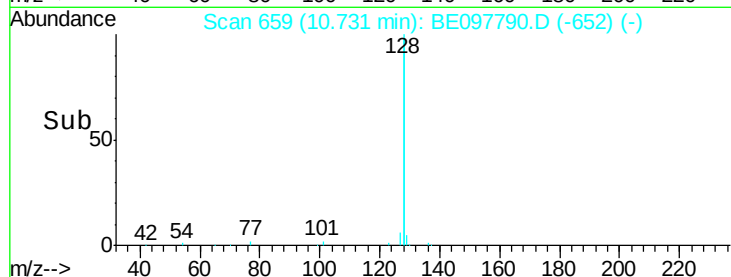
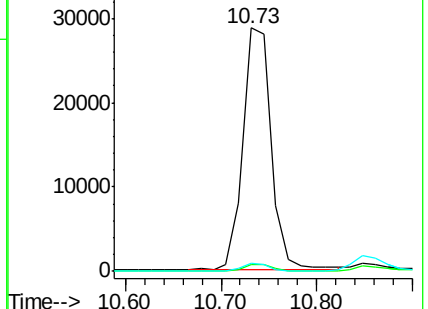
127 3.3 2.7 4.1



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: 0.392 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

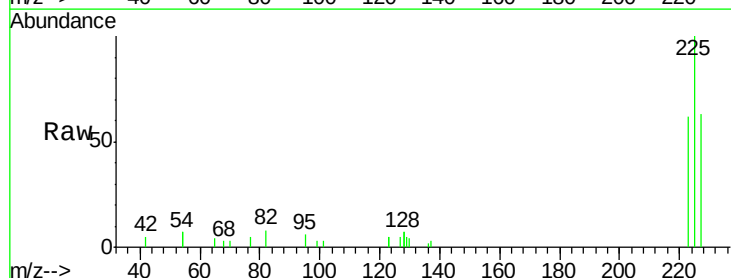
Tgt Ion:225 Resp: 3180

Ion Ratio Lower Upper

225 100

223 62.5 52.2 78.4

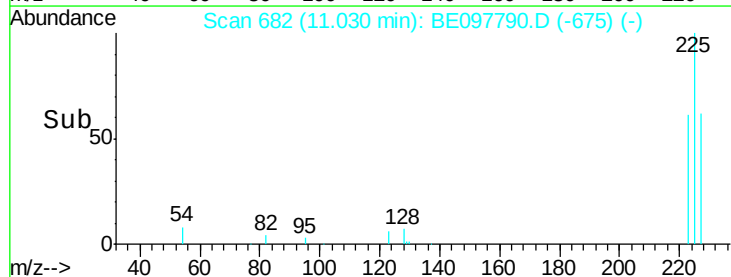
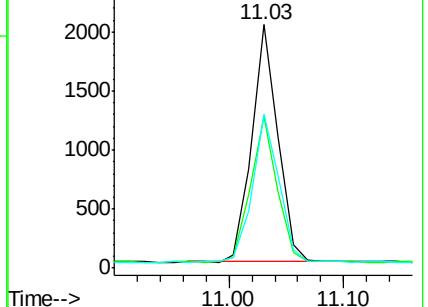
227 63.2 51.2 76.8

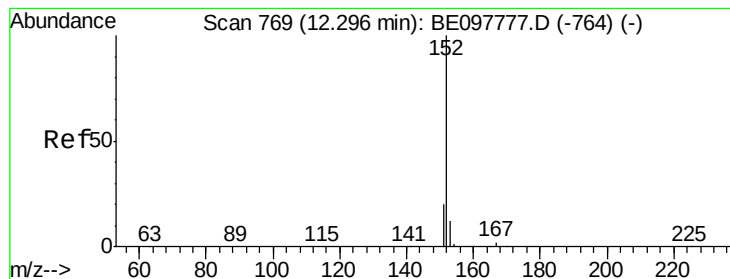


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

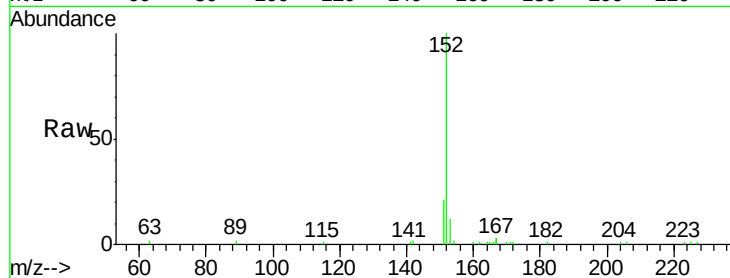
SSTDCCC0.4

Tgt Ion:152 Resp: 9235

Ion Ratio Lower Upper

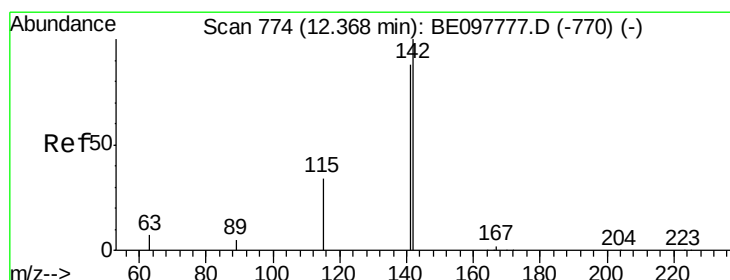
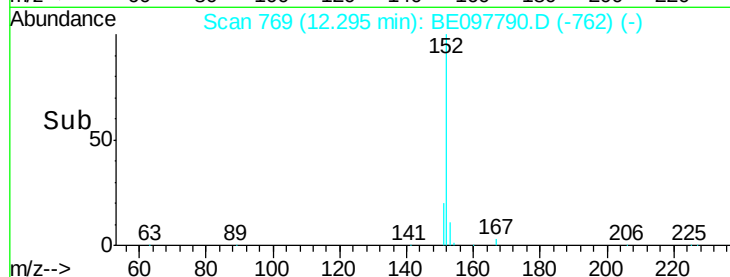
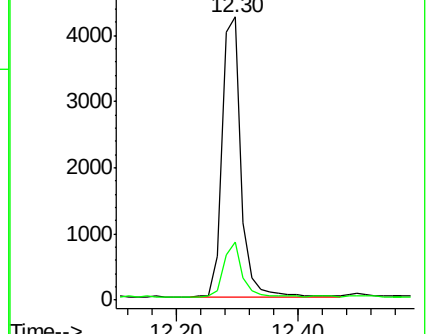
152 100

151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

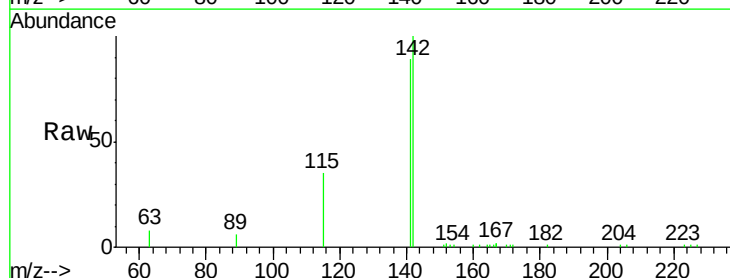
Tgt Ion:142 Resp: 9239

Ion Ratio Lower Upper

142 100

141 88.5 69.4 104.2

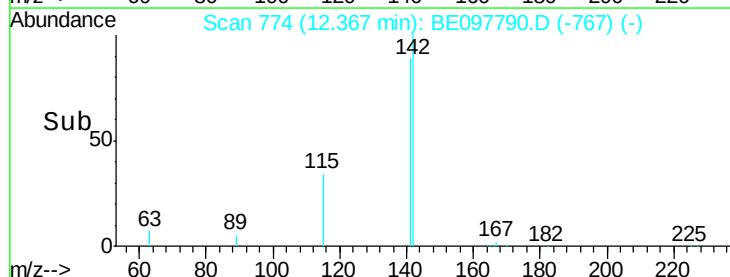
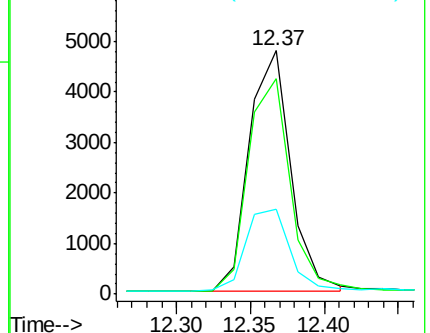
115 34.6 28.0 42.0

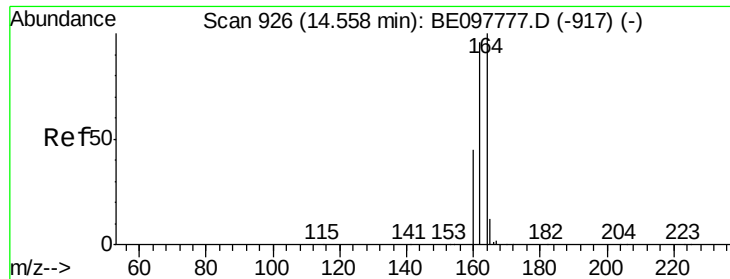


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

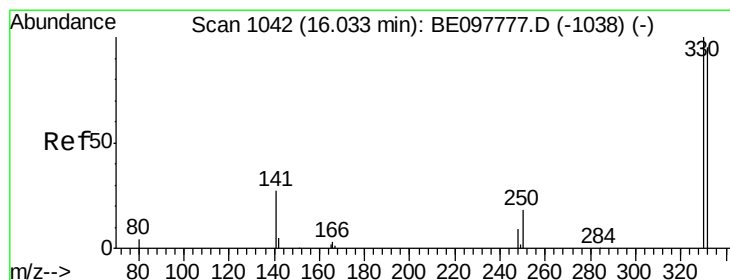
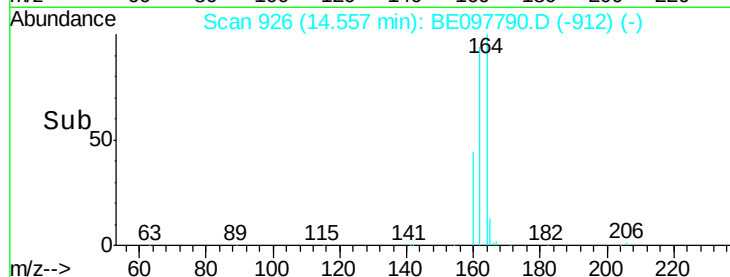
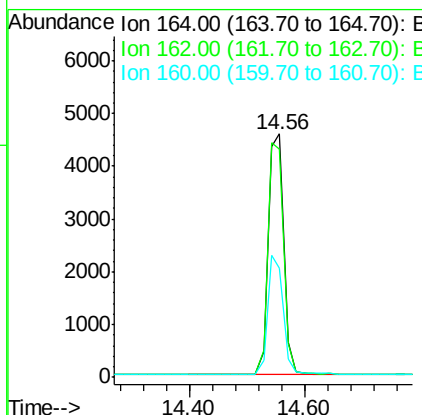
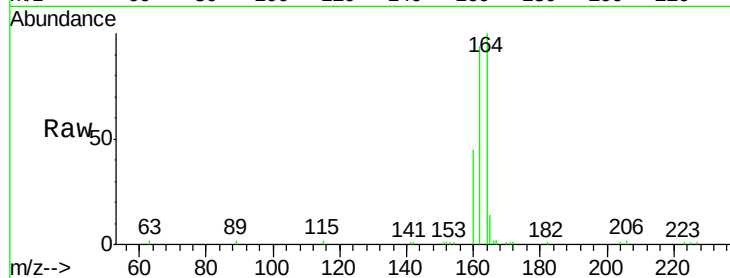




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

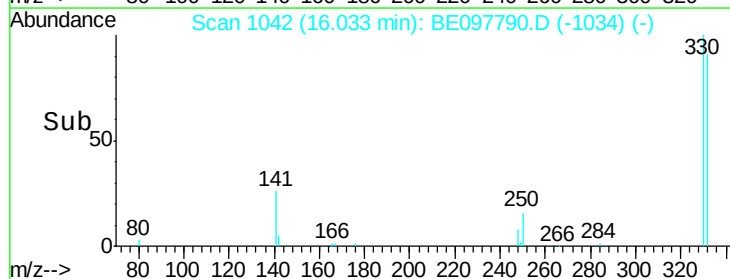
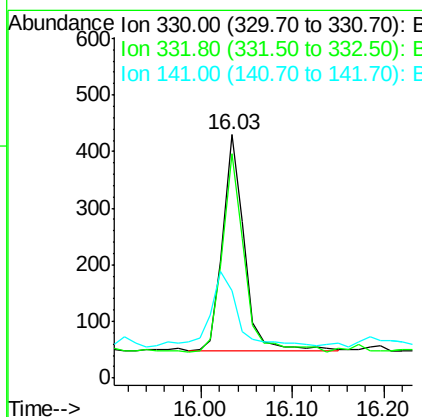
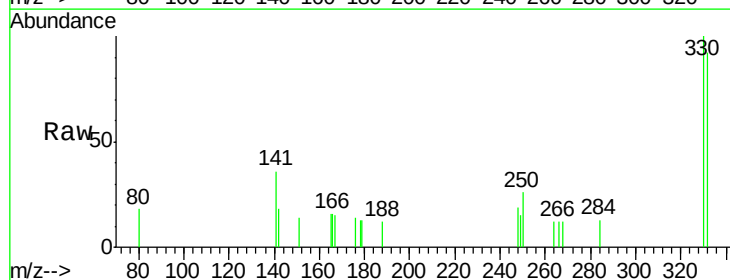
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

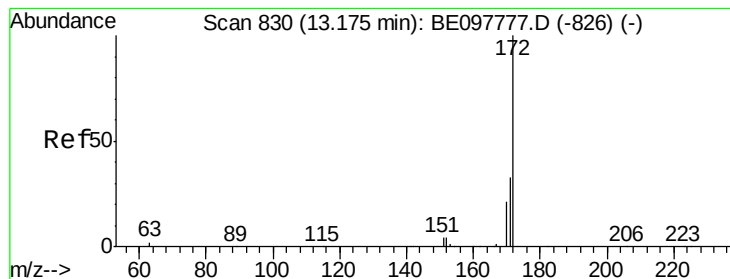
Tgt Ion:164 Resp: 8740
Ion Ratio Lower Upper
164 100
162 94.0 78.6 117.8
160 44.9 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 95.0 83.5 125.3
141 41.5 34.9 52.3





#15

2-Fluorobiphenyl

Concen: 0.374 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

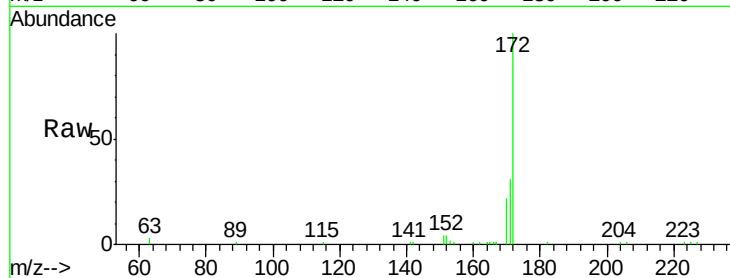
Tgt Ion:172 Resp: 14378

Ion Ratio Lower Upper

172 100

171 31.0 25.2 37.8

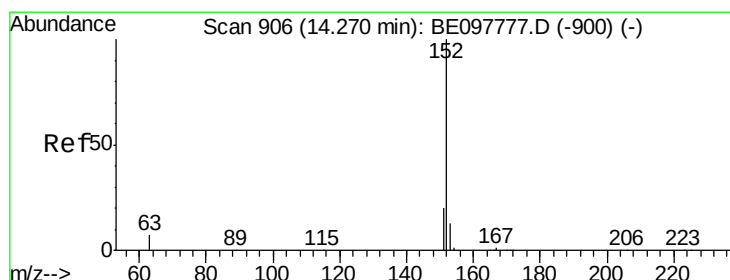
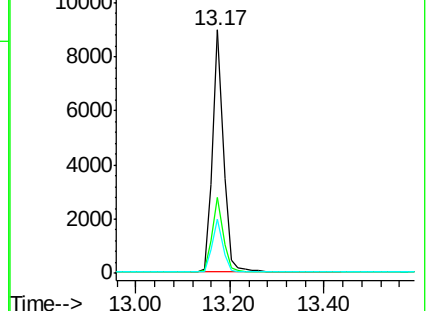
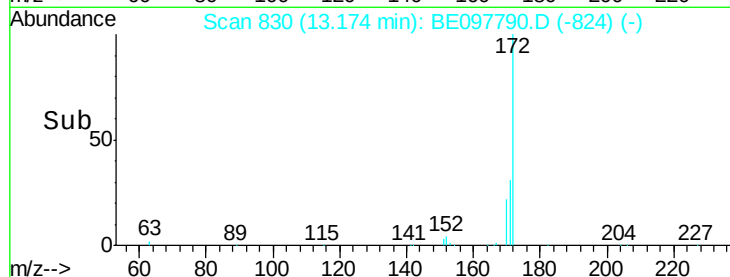
170 22.3 16.2 24.2



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: 0.346 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

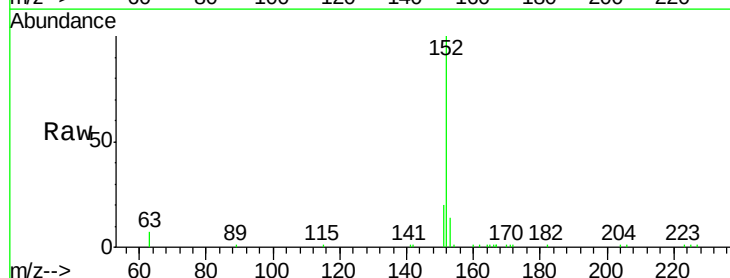
Tgt Ion:152 Resp: 13376

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9

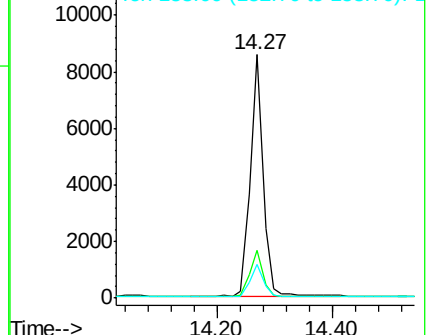
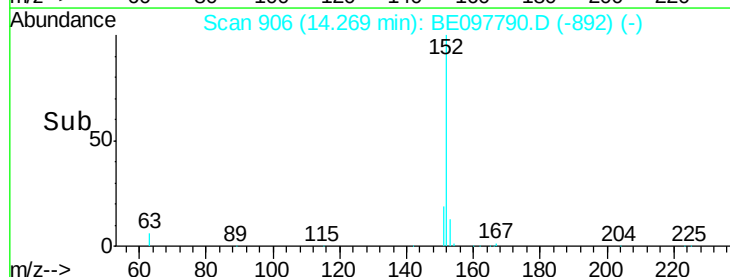
153 13.8 10.8 16.2

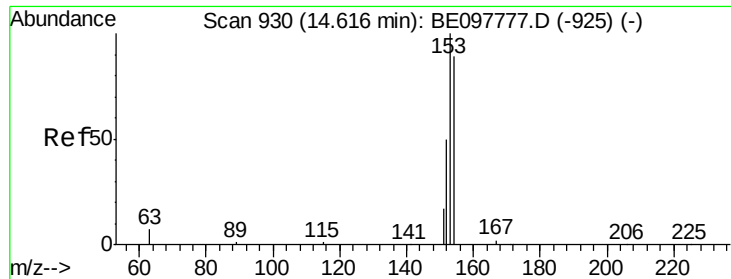


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.380 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

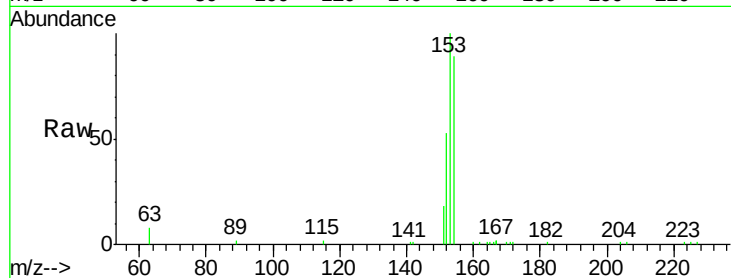
Tgt Ion:154 Resp: 9422

Ion Ratio Lower Upper

154 100

153 113.8 93.3 139.9

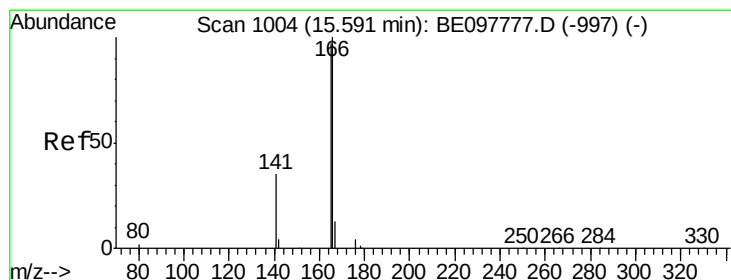
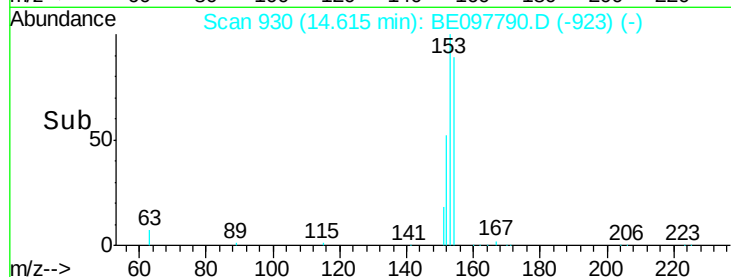
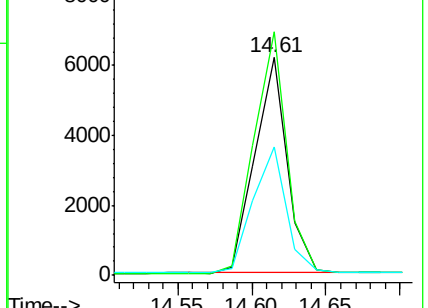
152 60.4 48.9 73.3



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: 0.374 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

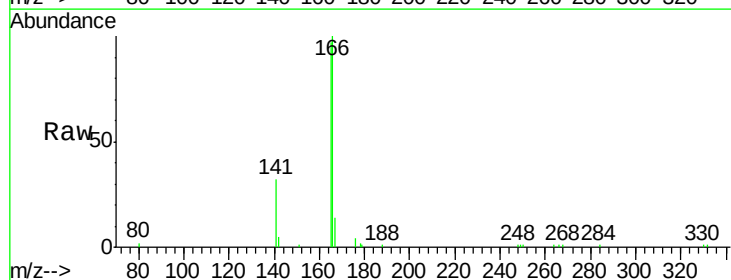
Tgt Ion:166 Resp: 12316

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

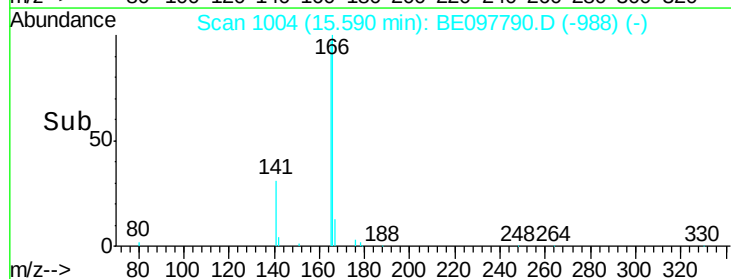
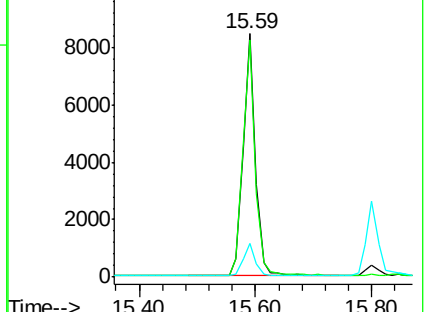
167 12.8 11.1 16.7

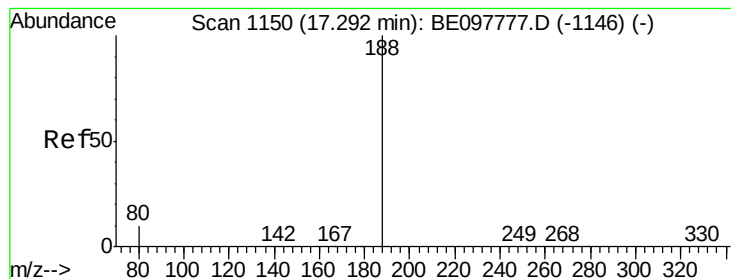


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

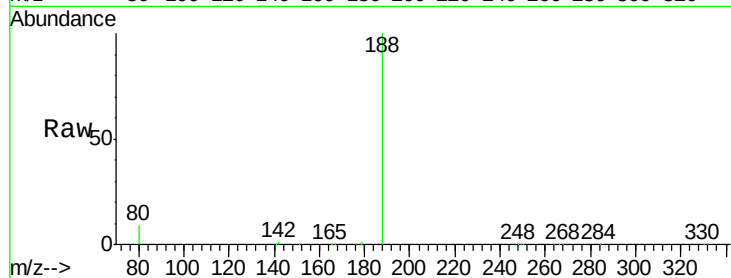
Tgt Ion:188 Resp: 24115

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

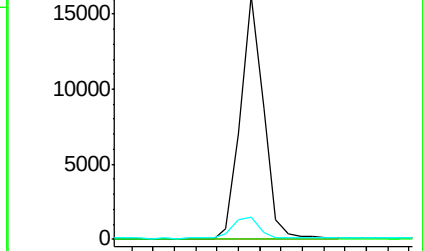
80 9.2 6.6 9.8



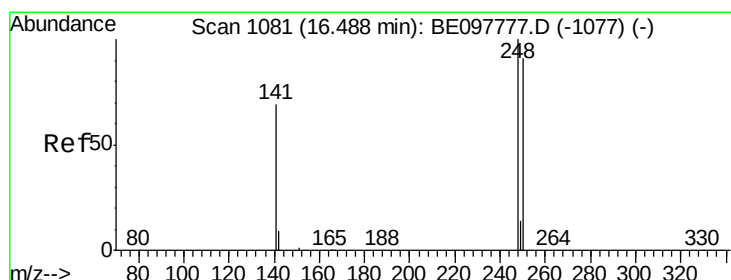
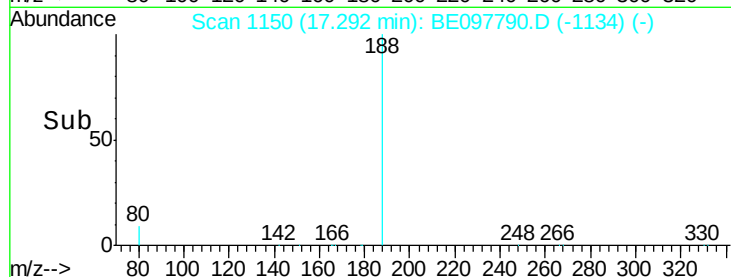
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.369 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

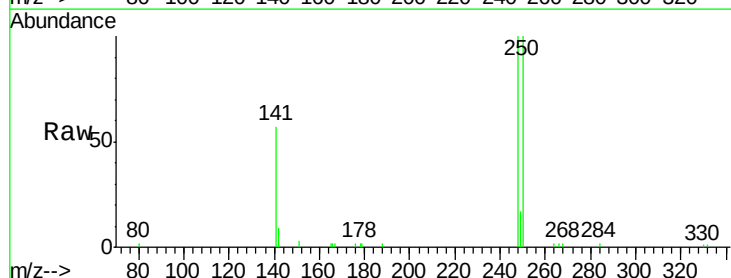
Tgt Ion:248 Resp: 4668

Ion Ratio Lower Upper

248 100

250 100.2 76.1 114.1

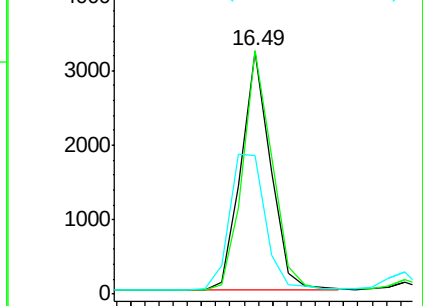
141 57.3 42.2 63.4



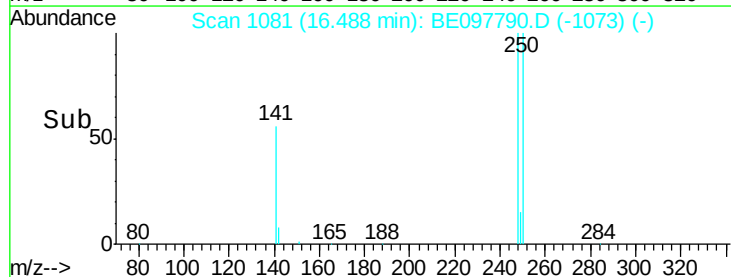
Abundance Ion 248.00 (247.70 to 248.70): E

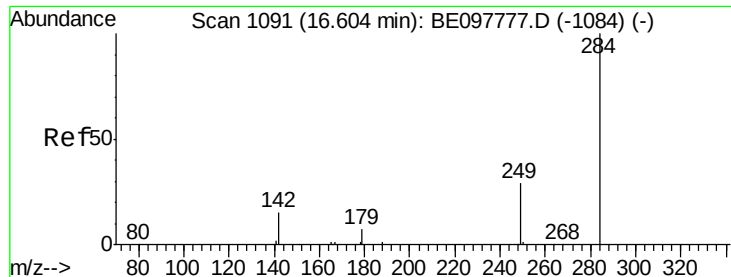
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

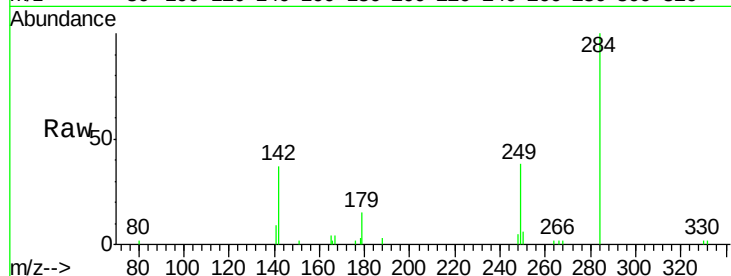




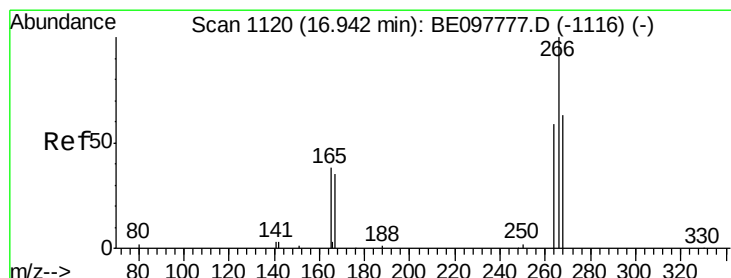
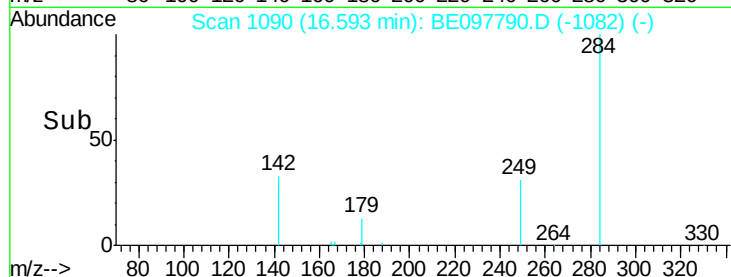
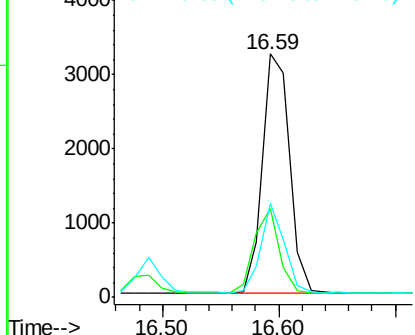
#21
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.59 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 5279
Ion Ratio Lower Upper
284 100
142 32.7 24.9 37.3
249 31.8 25.8 38.8

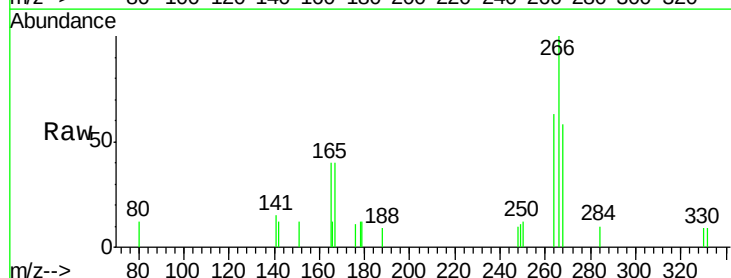


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

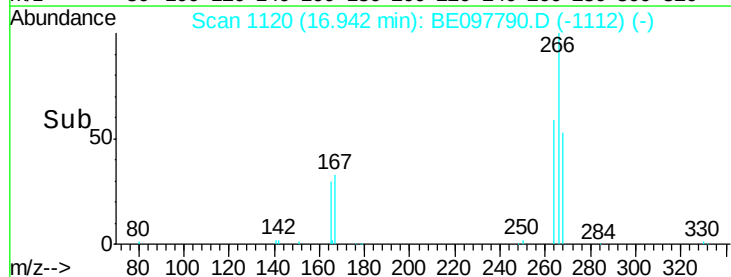
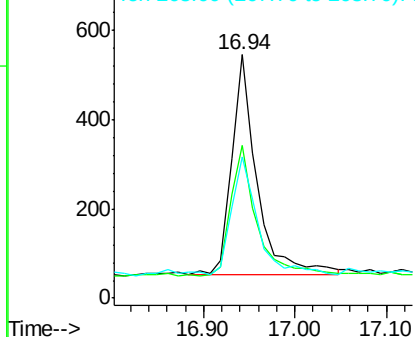


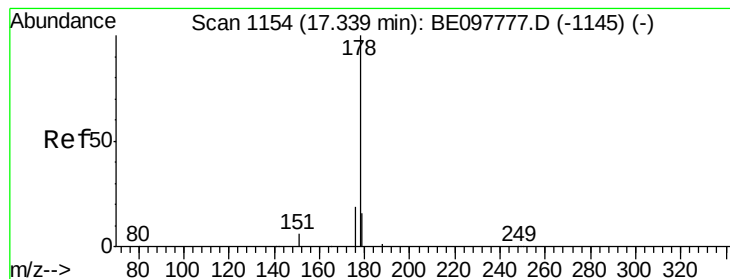
#22
Pentachlorophenol
Concen: 0.430 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion: 266 Resp: 959
Ion Ratio Lower Upper
266 100
264 62.8 46.8 70.2
268 58.1 53.0 79.6



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: 0.379 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

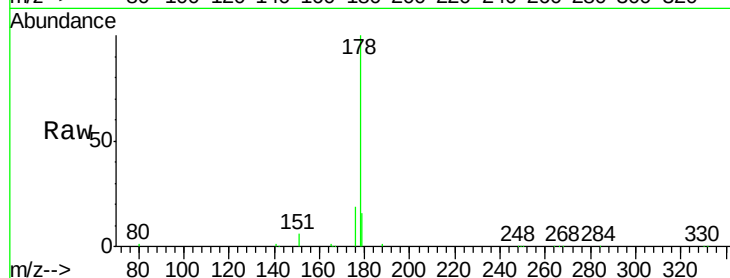
Tgt Ion:178 Resp: 23537

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

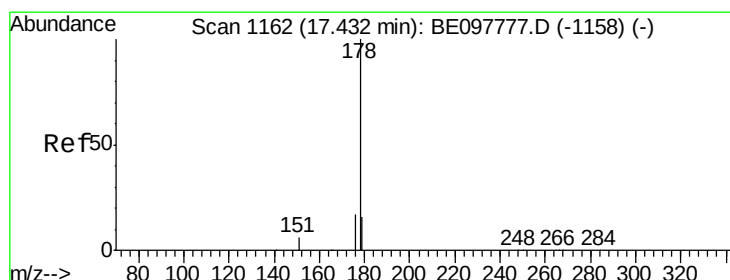
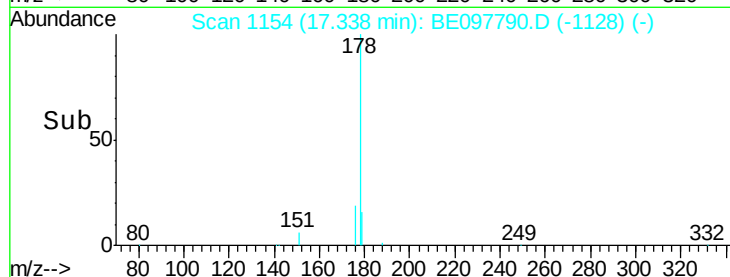
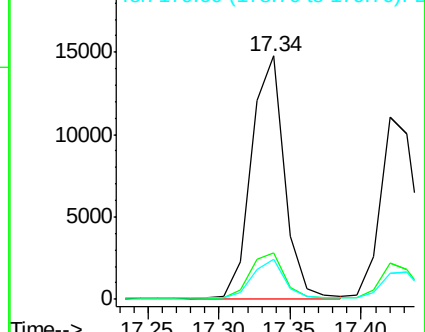
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.361 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

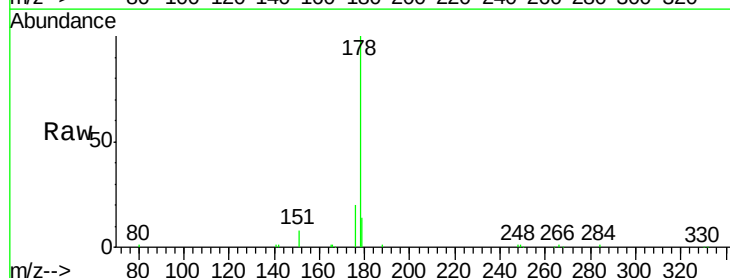
Tgt Ion:178 Resp: 19355

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

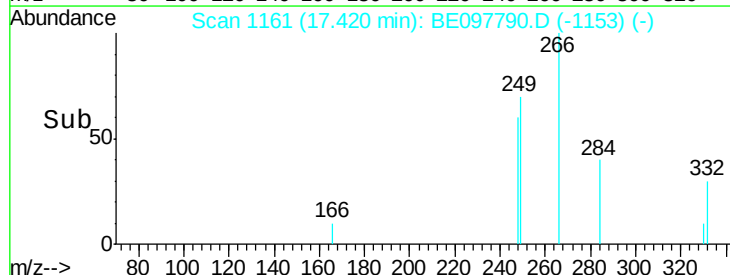
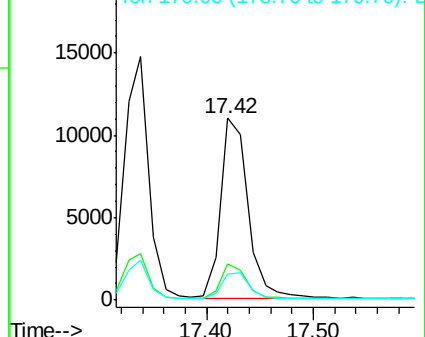
179 14.6 12.2 18.2

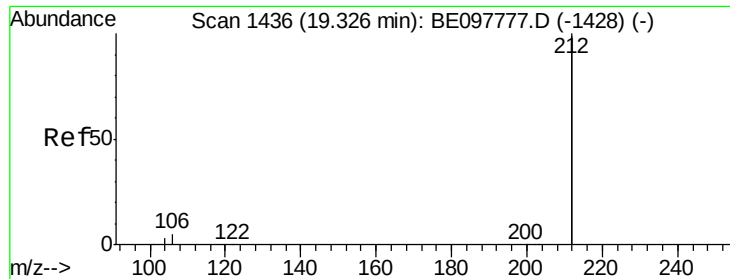


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

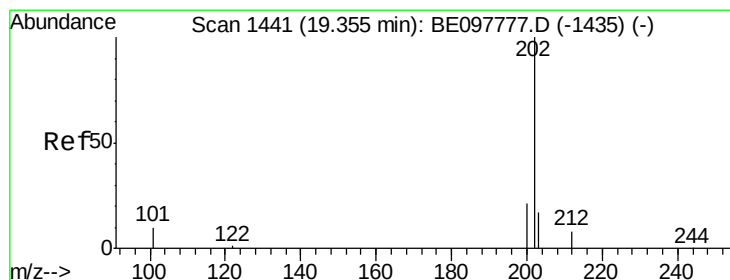
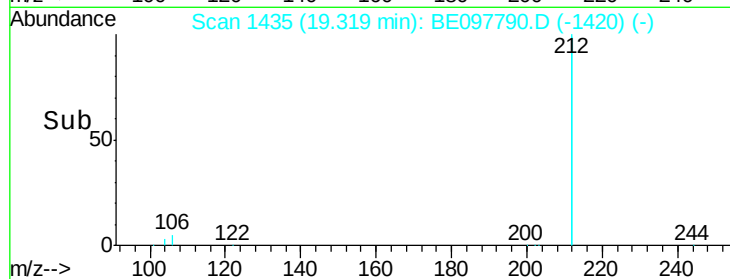
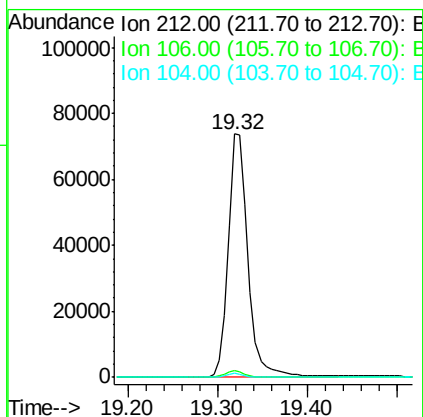
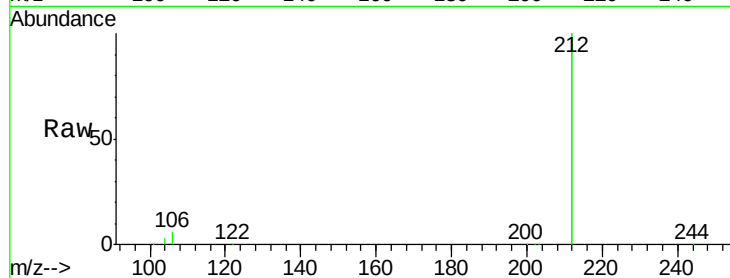




#25
 Fluoranthene-d10
 Concen: 0.366 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

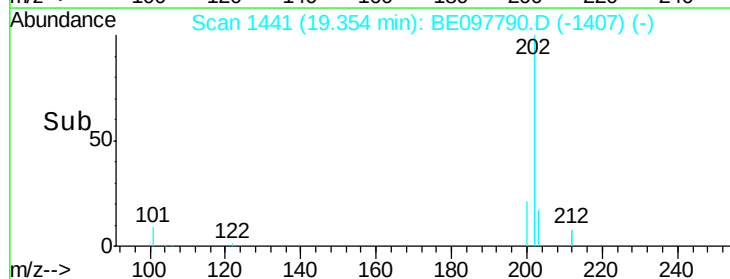
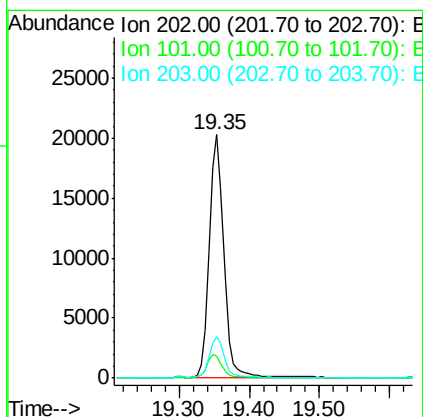
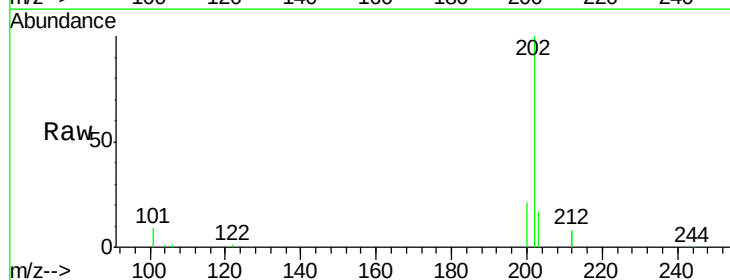
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

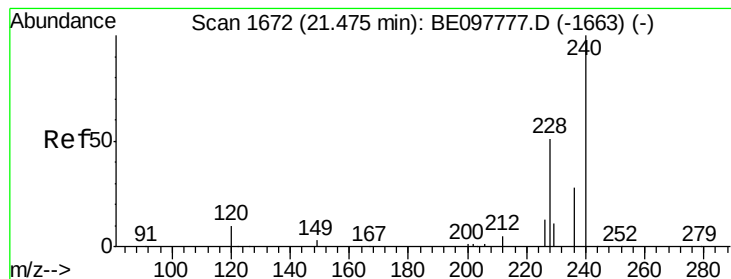
Tgt Ion: 212 Resp: 111610
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.366 ng
 RT: 19.35 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Tgt Ion: 202 Resp: 28986
 Ion Ratio Lower Upper
 202 100
 101 10.1 7.8 11.8
 203 16.8 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

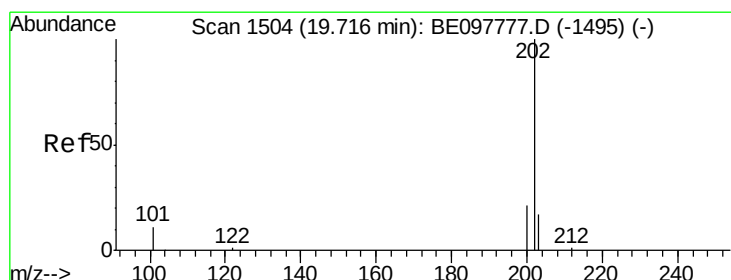
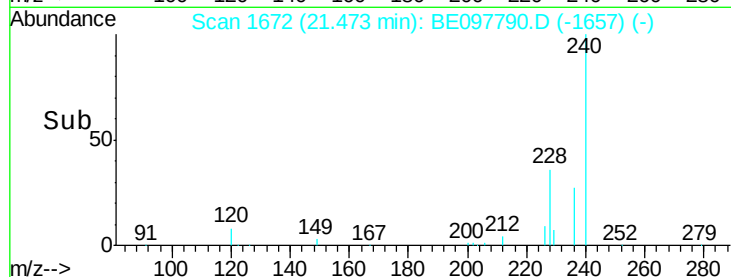
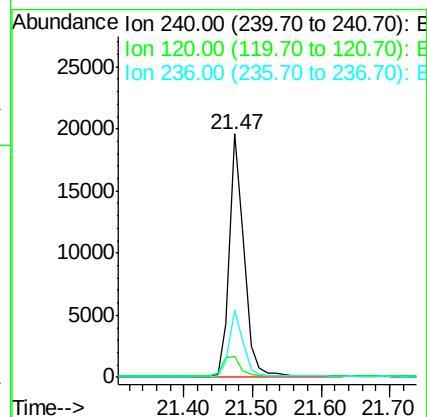
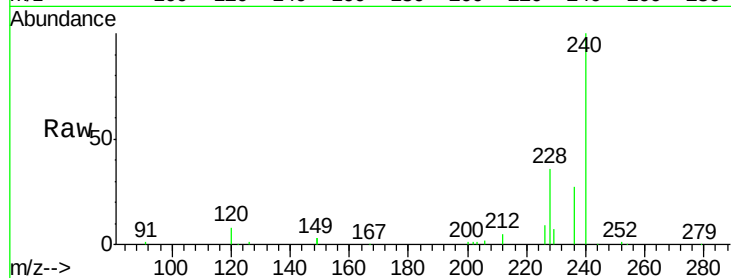
Tgt Ion:240 Resp: 29221

Ion Ratio Lower Upper

240 100

120 8.5 4.7 7.1#

236 27.3 20.8 31.2



#28

Pyrene

Concen: 0.398 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

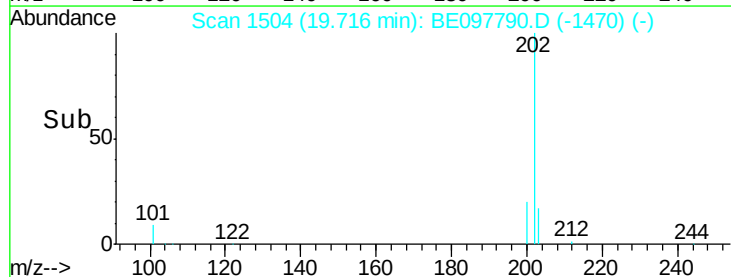
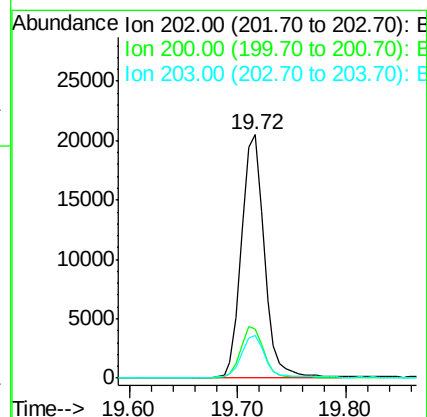
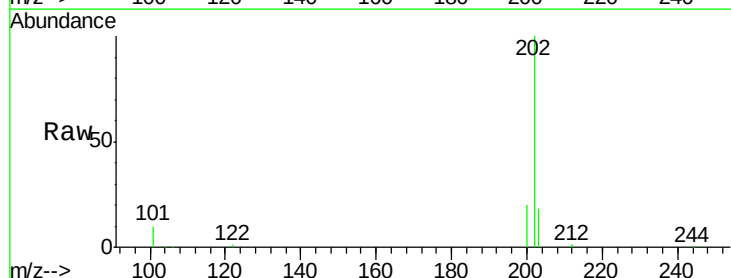
Tgt Ion:202 Resp: 29526

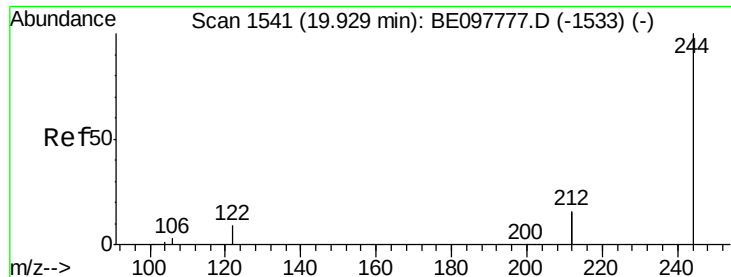
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.8 13.9 20.9





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

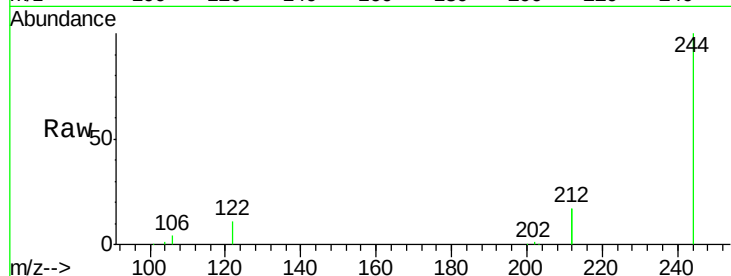
Tgt Ion:244 Resp: 24170

Ion Ratio Lower Upper

244 100

212 33.3 25.8 38.8

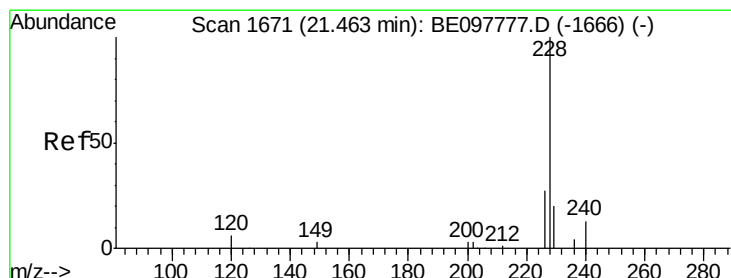
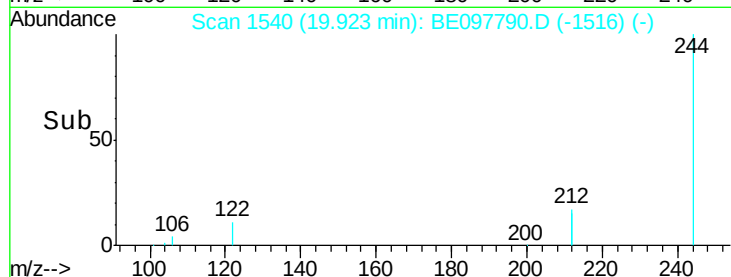
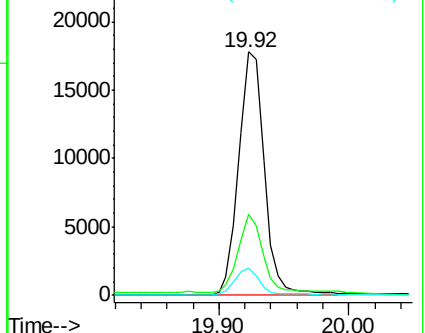
122 11.4 8.7 13.1



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: 0.354 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

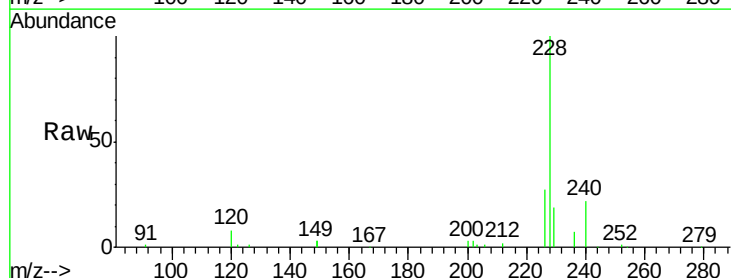
Tgt Ion:228 Resp: 27824

Ion Ratio Lower Upper

228 100

226 26.6 20.7 31.1

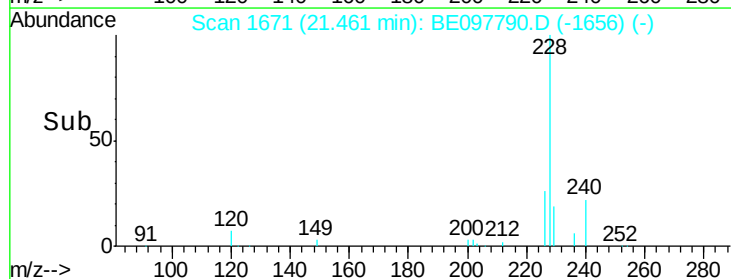
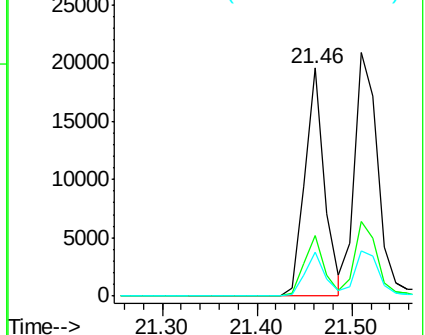
229 19.2 15.7 23.5

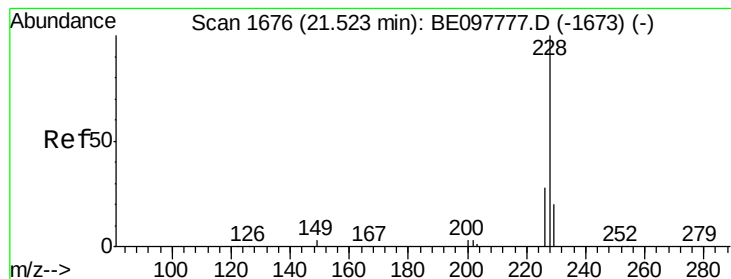


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

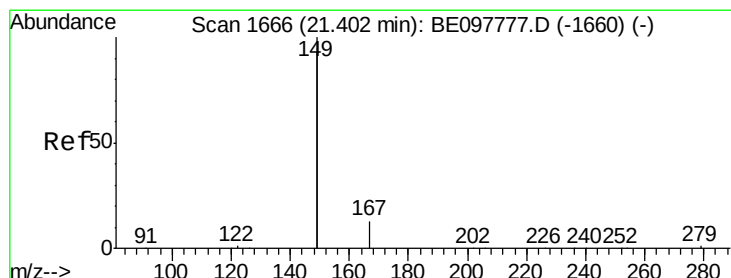
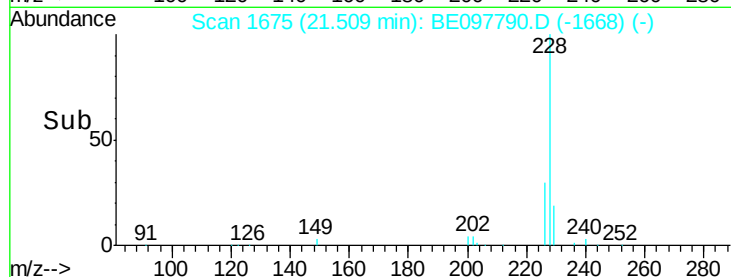
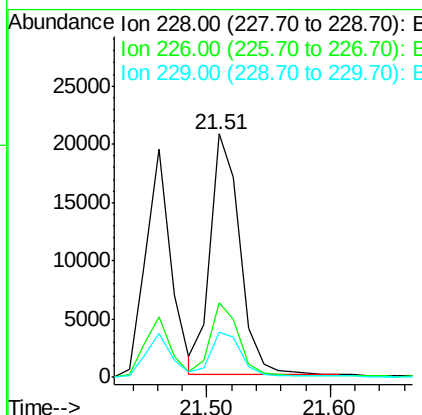
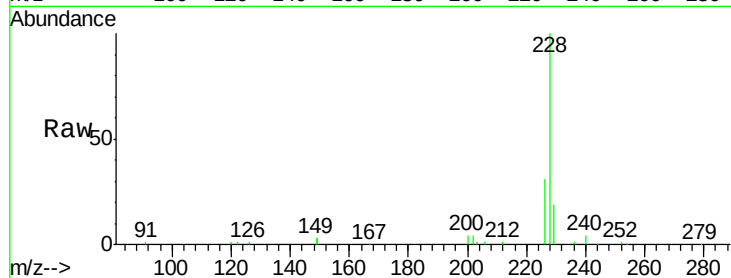




#31
 Chrysene
 Concen: 0.392 ng
 RT: 21.51 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

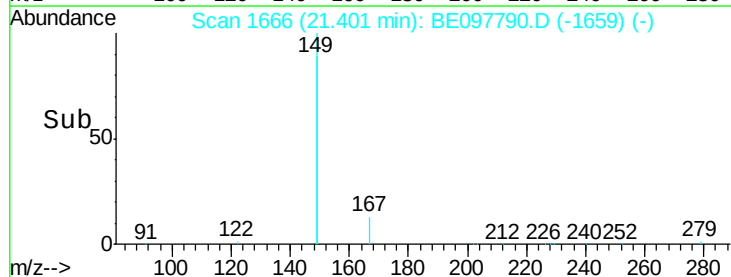
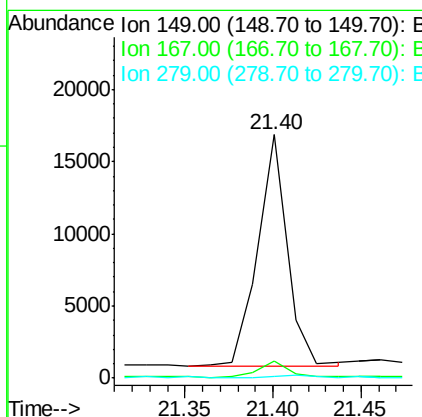
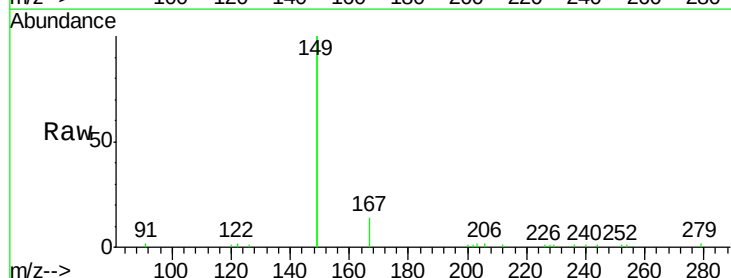
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

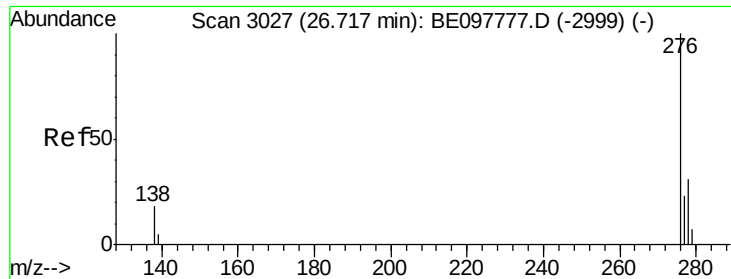
Tgt Ion: 228 Resp: 34390
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 18.8 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.325 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Tgt Ion: 149 Resp: 18655
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.5 8.3
 279 1.3 0.9 1.3

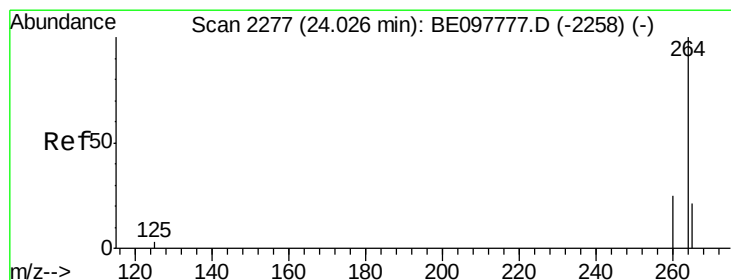
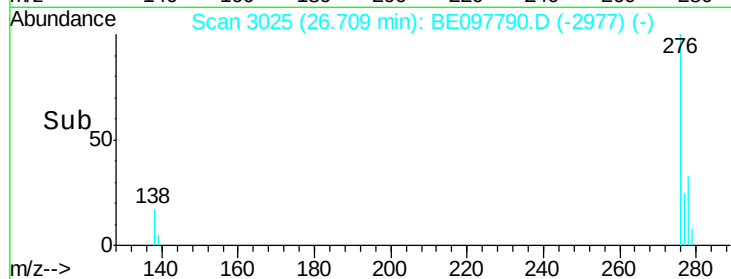
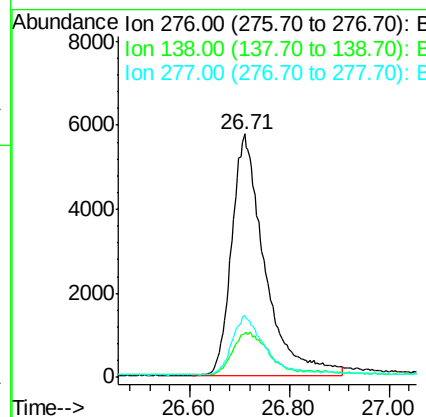
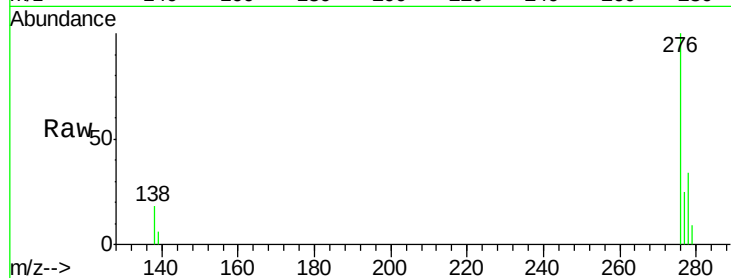




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.345 ng
 RT: 26.71 min Scan# 3025
 Delta R.T. -0.03 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

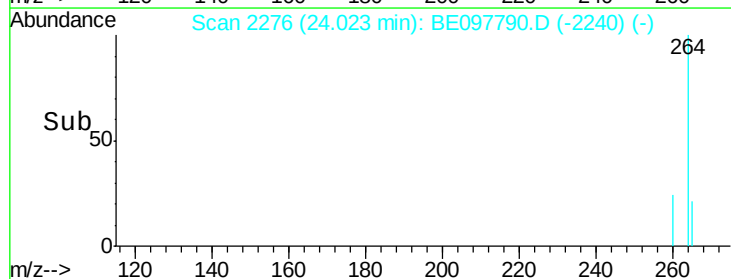
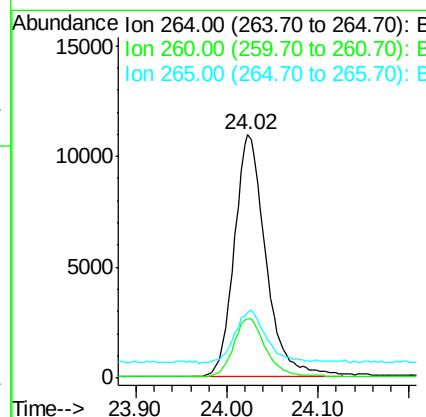
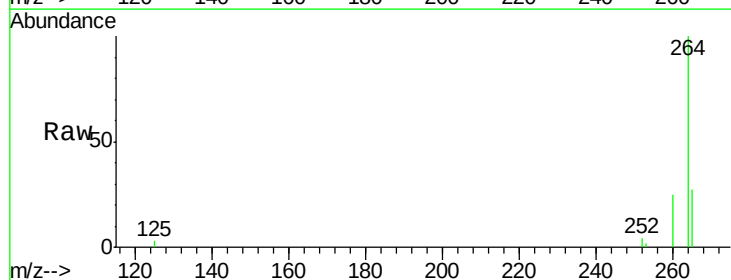
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

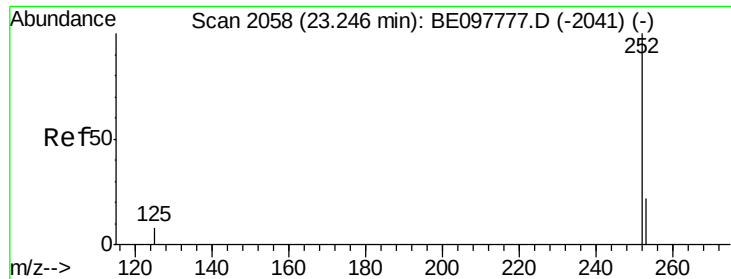
Tgt Ion:276 Resp: 26340
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.0 22.6
 277 24.2 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Tgt Ion:264 Resp: 26424
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 27.1 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

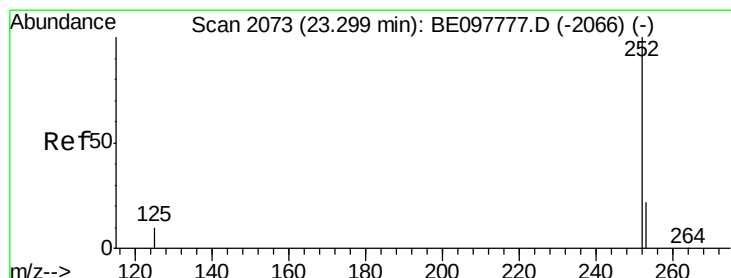
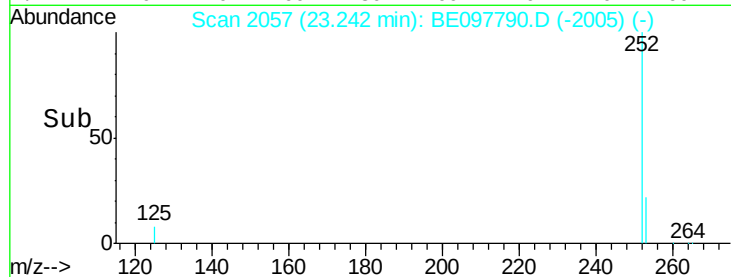
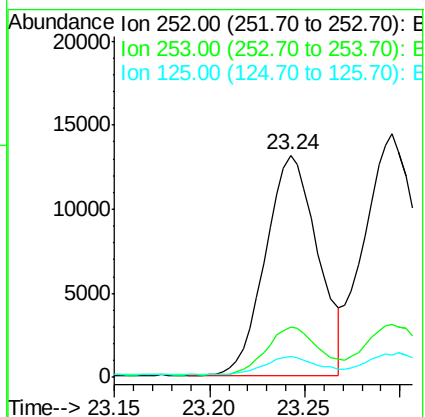
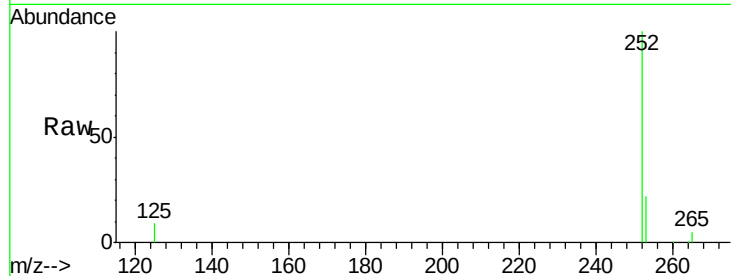
Tgt Ion:252 Resp: 25035

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.2 7.8 11.8



#36

Benzo(k)fluoranthene

Concen: 0.388 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

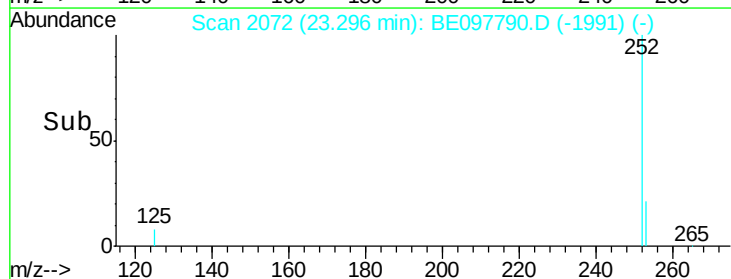
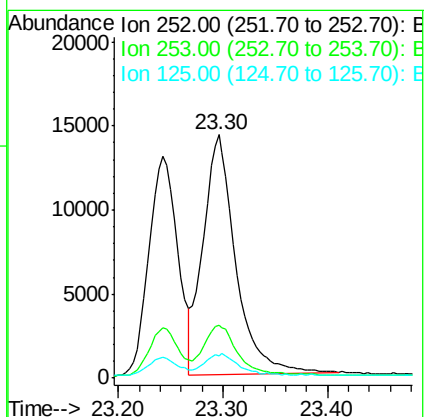
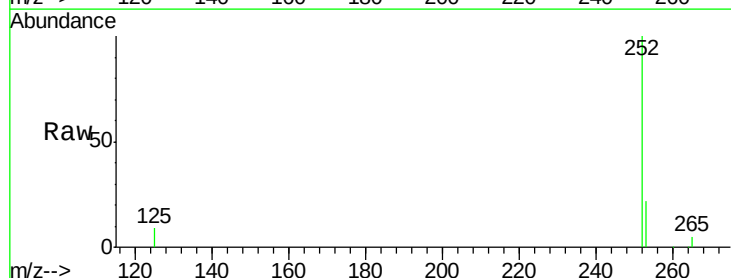
Tgt Ion:252 Resp: 31204

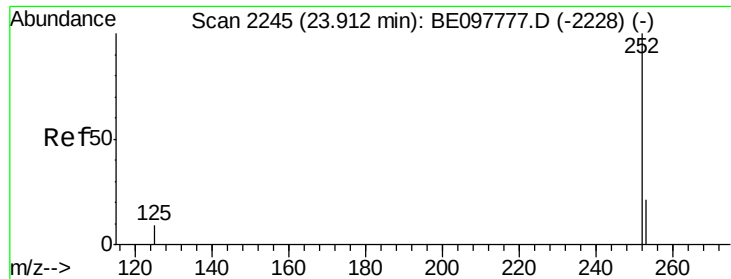
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.341 ng

RT: 23.91 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

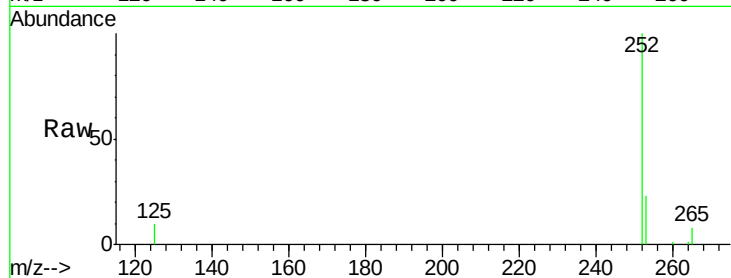
Tgt Ion:252 Resp: 22375

Ion Ratio Lower Upper

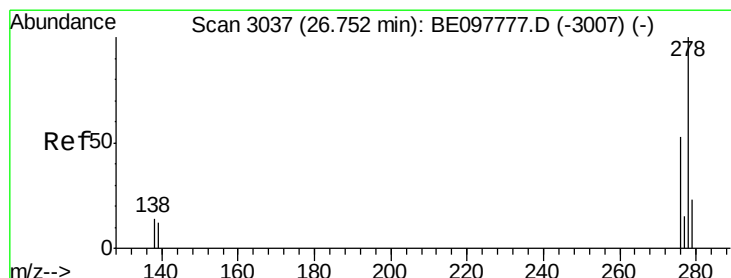
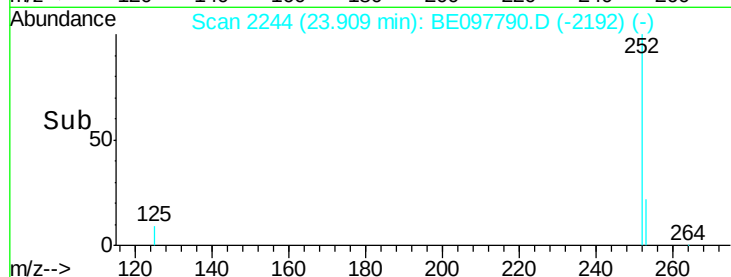
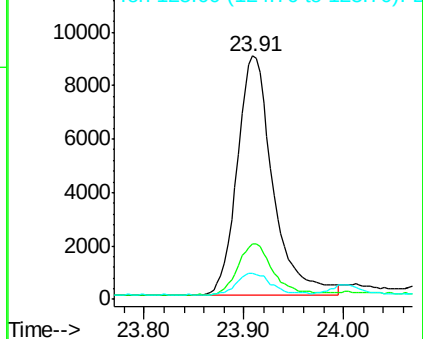
252 100

253 22.8 17.7 26.5

125 10.5 8.3 12.5



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: 0.328 ng

RT: 26.74 min Scan# 3034

Delta R.T. -0.03 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

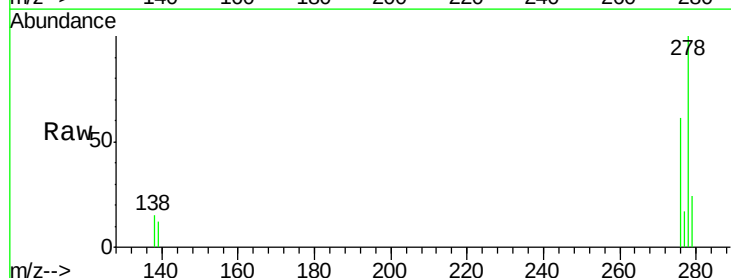
Tgt Ion:278 Resp: 21222

Ion Ratio Lower Upper

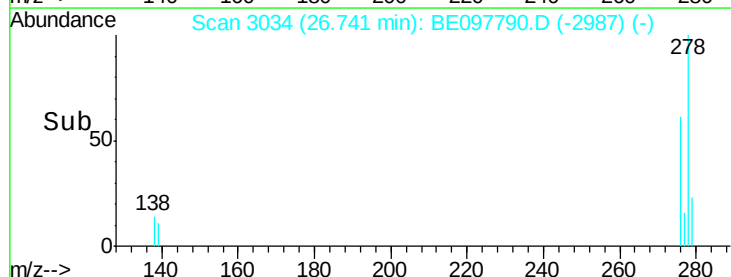
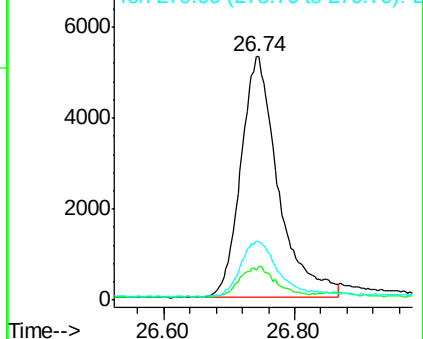
278 100

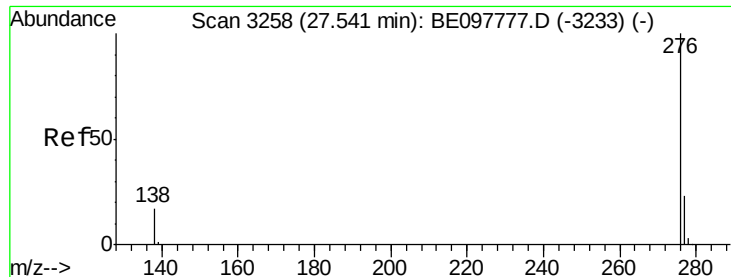
139 12.5 10.3 15.5

279 24.2 18.4 27.6



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





#39

Benzo(g,h,i)perylene

Concen: 0.358 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.02 min

Lab File: BE097790.D

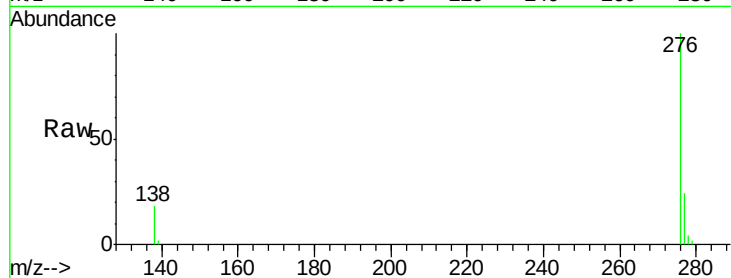
Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 24204

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.0 14.2 21.2

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

