

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097759.D
 Acq On : 5 Oct 2018 17:40
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 06 04:19:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3120	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	13074	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7522	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20692	0.40	ng	0.00
27) Chrysene-d12	21.49	240	26052	0.40	ng	0.00
34) Perylene-d12	24.03	264	23870	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2862	0.39	ng	0.00
5) Phenol-d6	7.04	99	4157	0.37	ng	0.00
8) Nitrobenzene-d5	9.04	82	2727	0.64	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	8009	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	614	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	12195	0.37	ng	-0.02
25) Fluoranthene-d10	19.33	212	96726	0.37	ng	0.00
29) Terphenyl-d14	19.93	244	20813	0.39	ng	0.00

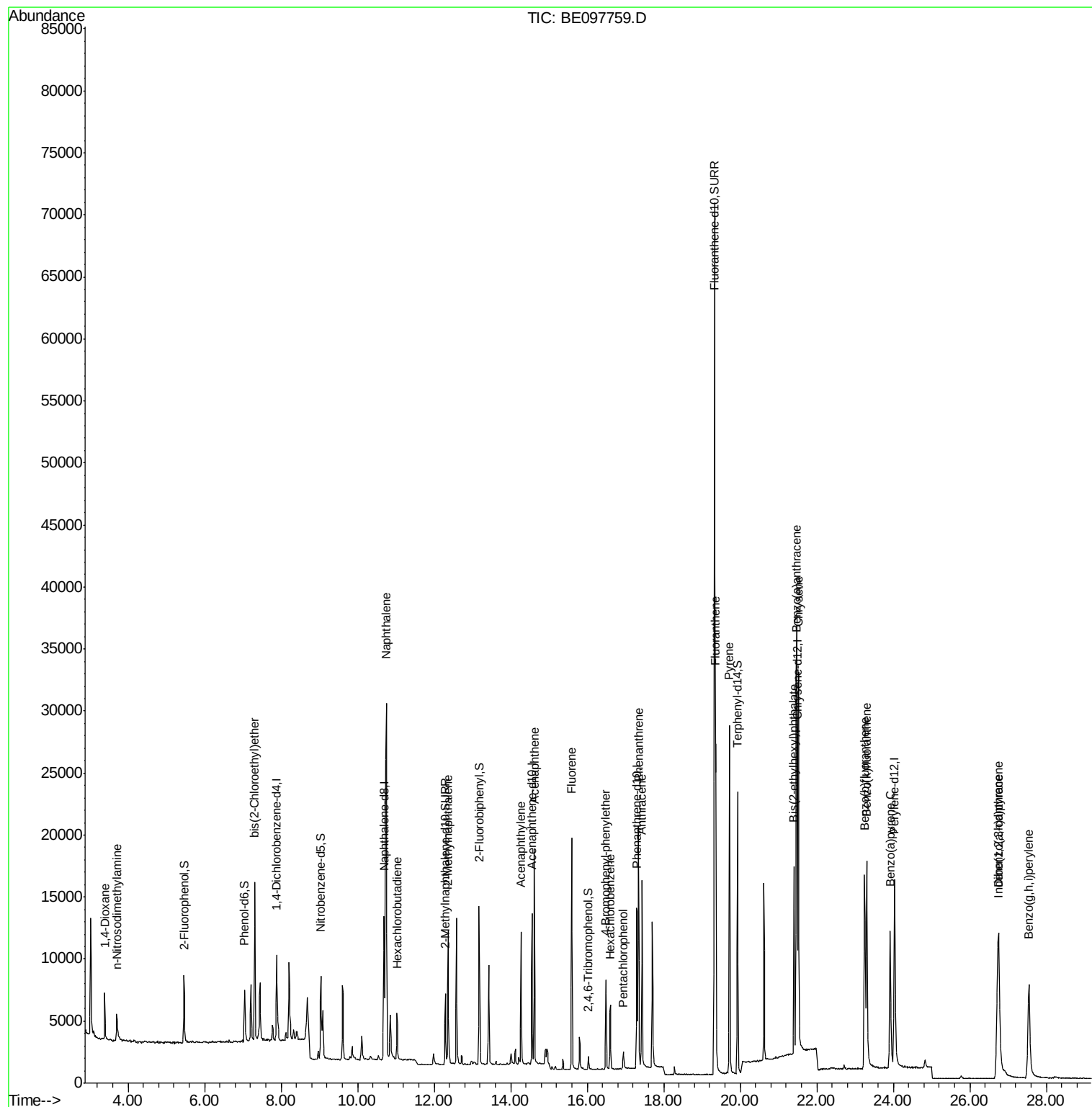
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.39	88	2317	0.373	ng	98
3) n-Nitrosodimethylamine	3.71	42	1805	0.319	ng	# 80
6) bis(2-Chloroethyl)ether	7.31	93	4469	0.382	ng	99
9) Naphthalene	10.74	128	50828	0.386	ng	100
10) Hexachlorobutadiene	11.03	225	2730	0.390	ng	96
12) 2-Methylnaphthalene	12.37	142	7931	0.376	ng	99
16) Acenaphthylene	14.27	152	12089	0.363	ng	98
17) Acenaphthene	14.61	154	8125	0.381	ng	98
18) Fluorene	15.59	166	10728	0.379	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4049	0.373	ng	# 79
21) Hexachlorobenzene	16.60	284	4556	0.373	ng	98
22) Pentachlorophenol	16.94	266	844	0.441	ng	90
23) Phenanthrene	17.34	178	20128	0.377	ng	99
24) Anthracene	17.43	178	16420	0.357	ng	99
26) Fluoranthene	19.36	202	25169	0.370	ng	99
28) Pyrene	19.72	202	25621	0.387	ng	100
30) Benzo(a)anthracene	21.46	228	25506	0.364	ng	99
31) Chrysene	21.52	228	31819	0.406	ng	97
32) Bis(2-ethylhexyl)phthalate	21.40	149	20101	0.392	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	23311	0.343	ng	98
35) Benzo(b)fluoranthene	23.25	252	23617	0.361	ng	98
36) Benzo(k)fluoranthene	23.30	252	27123	0.373	ng	100
37) Benzo(a)pyrene	23.92	252	20737	0.350	ng	99
38) Dibenzo(a,h)anthracene	26.76	278	19690	0.337	ng	96
39) Benzo(g,h,i)perylene	27.54	276	21942	0.359	ng	99

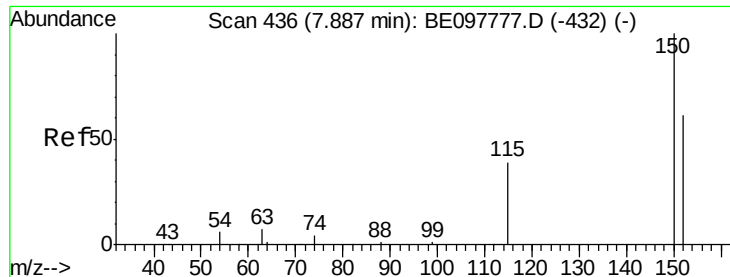
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

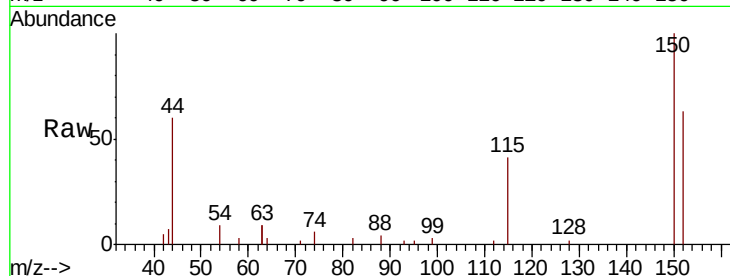
Tot Ion:152 Resp: 3120

Ion Ratio Lower Upper

152 100

150 158.5 120.9 181.3

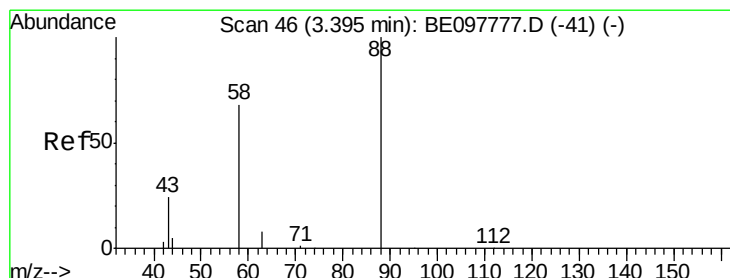
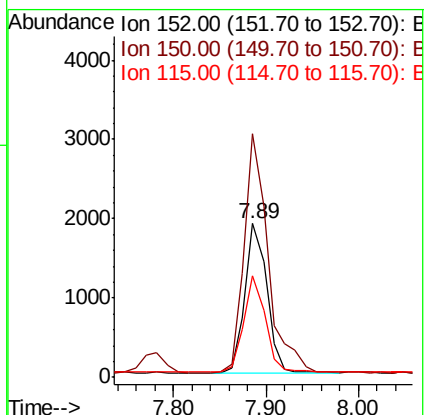
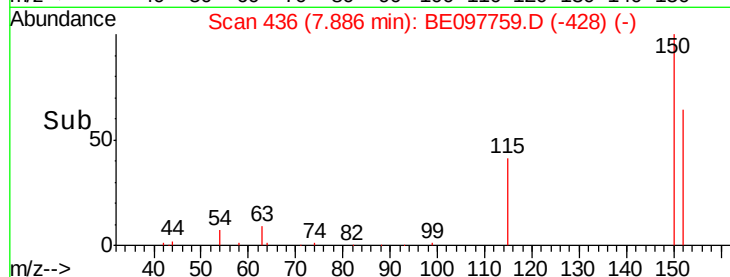
115 65.7 46.6 69.8



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: 0.373 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

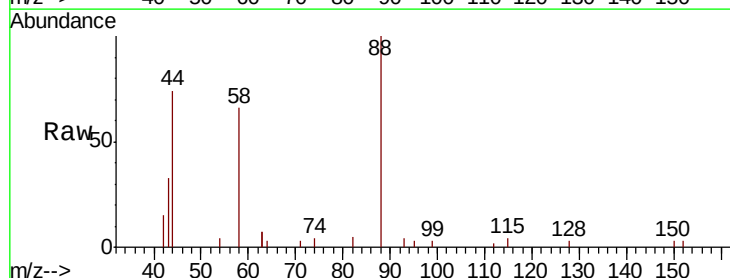
Tgt Ion: 88 Resp: 2317

Ion Ratio Lower Upper

88 100

58 87.2 70.8 106.2

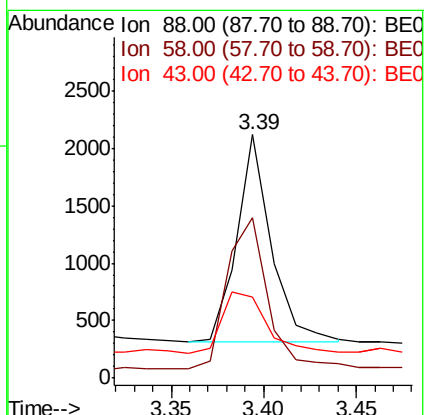
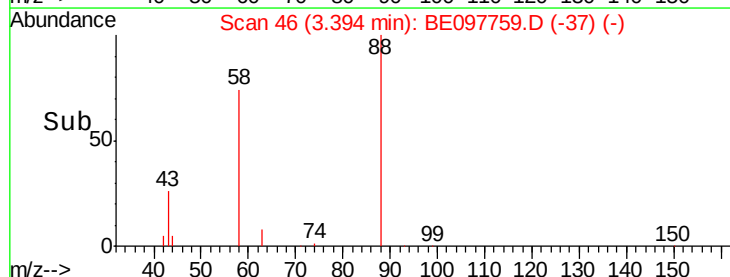
43 39.6 33.3 49.9

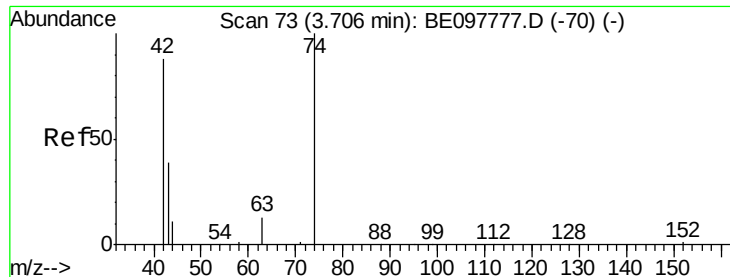


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.319 ng

RT: 3.71 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

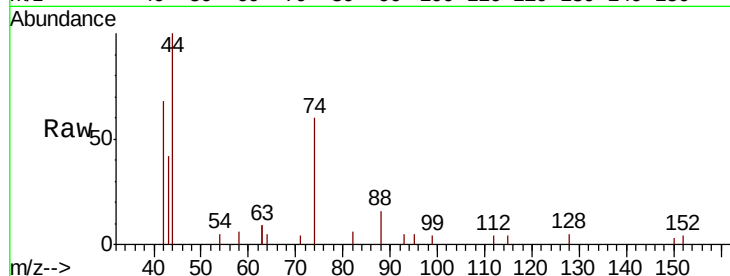
Tot Ion: 42 Resp: 1805

Ion Ratio Lower Upper

42 100

74 102.3 70.7 106.1

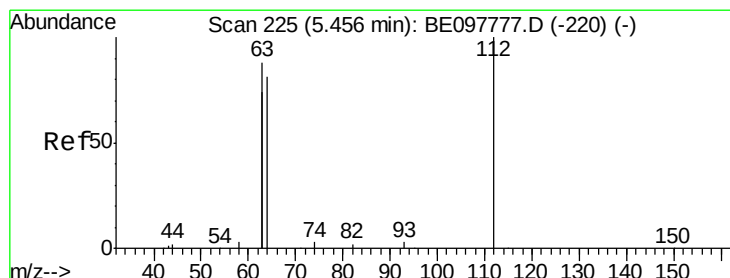
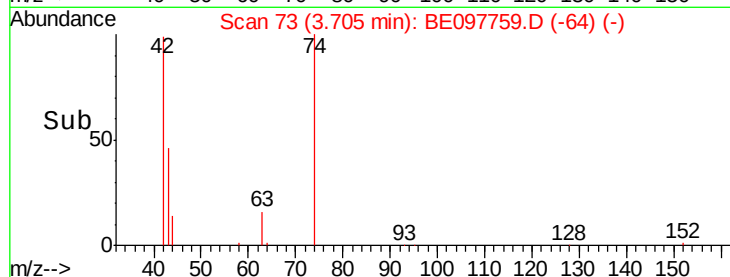
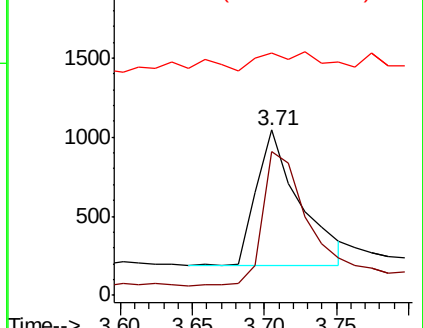
44 0.0 15.0 22.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.388 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

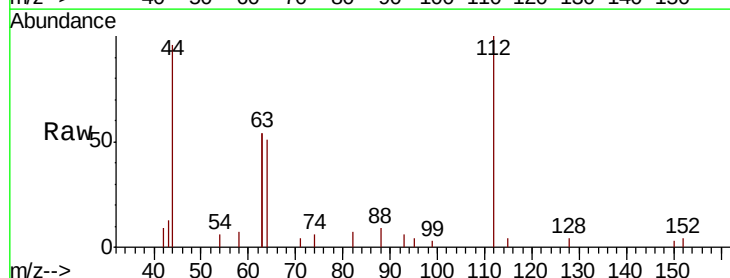
Tgt Ion: 112 Resp: 2862

Ion Ratio Lower Upper

112 100

64 70.1 56.6 84.8

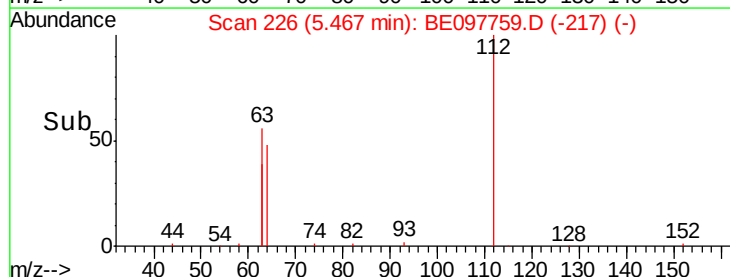
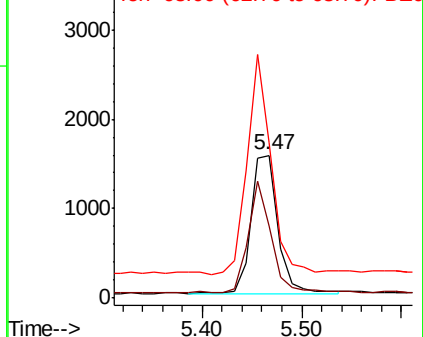
63 146.2 119.4 179.0

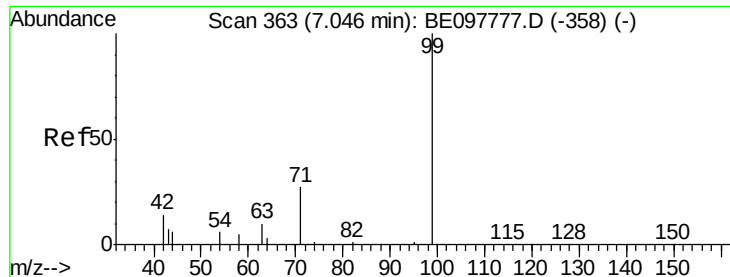


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.367 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

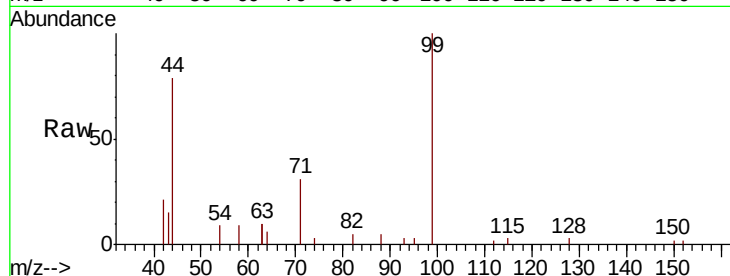
Tot Ion: 99 Resp: 4157

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

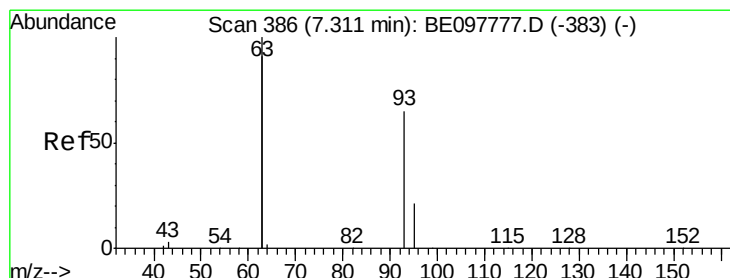
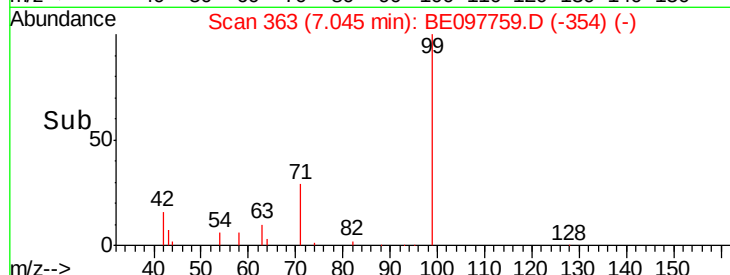
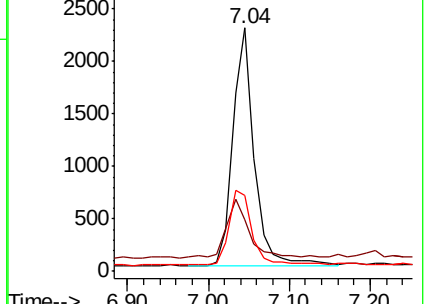
71 33.3 25.4 38.2



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: 0.382 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

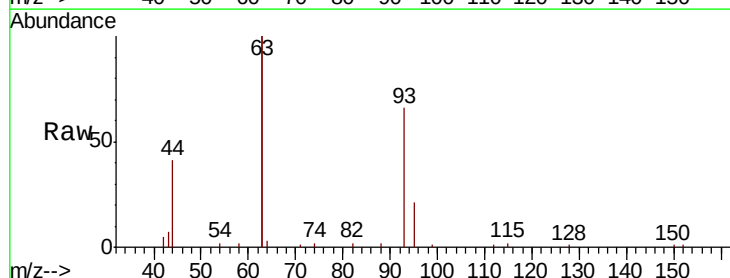
Tgt Ion: 93 Resp: 4469

Ion Ratio Lower Upper

93 100

63 332.4 266.9 400.3

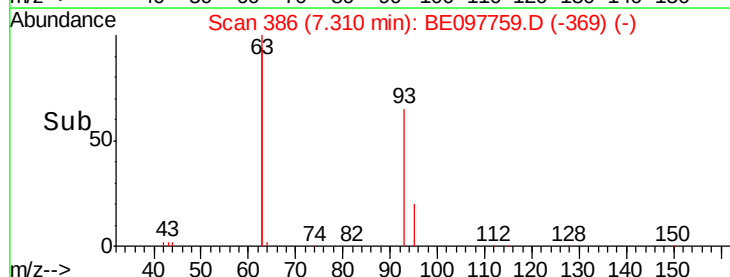
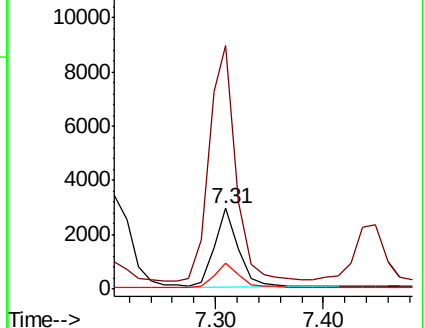
95 32.2 26.2 39.2

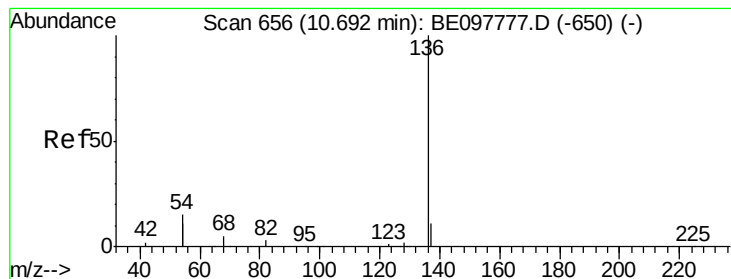


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 13074

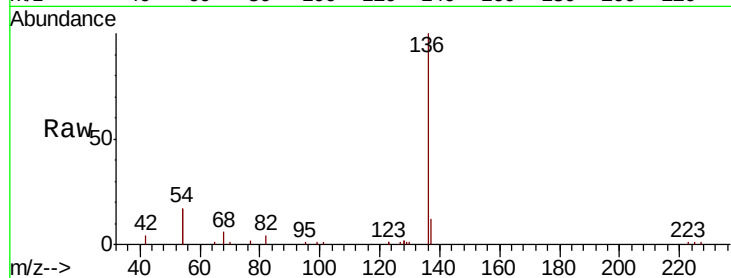
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 33.4 37.8 56.6#

68 6.5 6.4 9.6

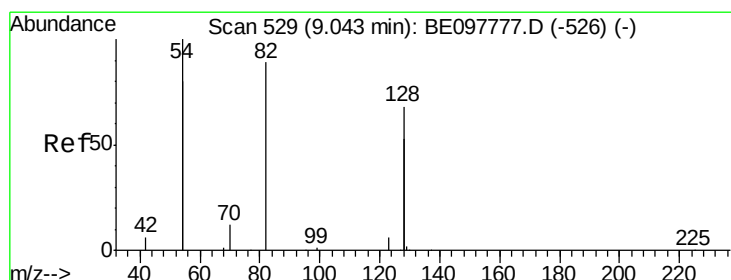
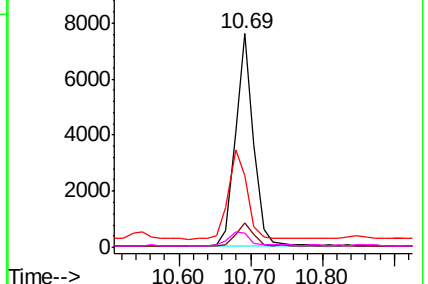
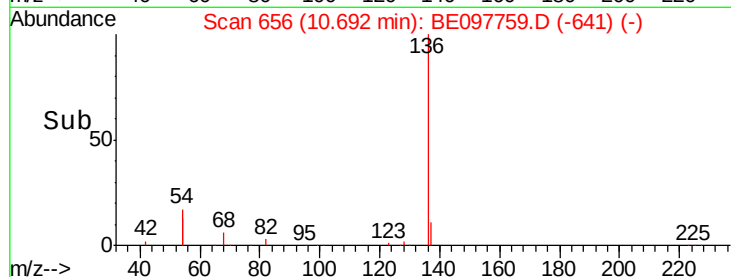


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.642 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

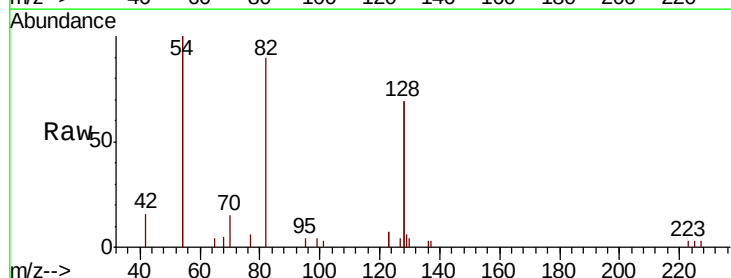
Tgt Ion: 82 Resp: 2727

Ion Ratio Lower Upper

82 100

128 153.8 97.0 145.4#

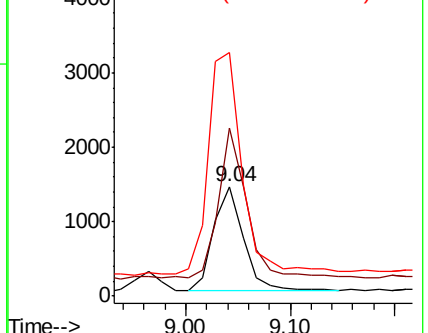
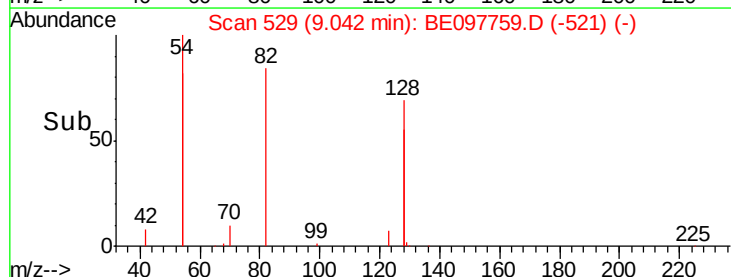
54 222.9 206.9 310.3

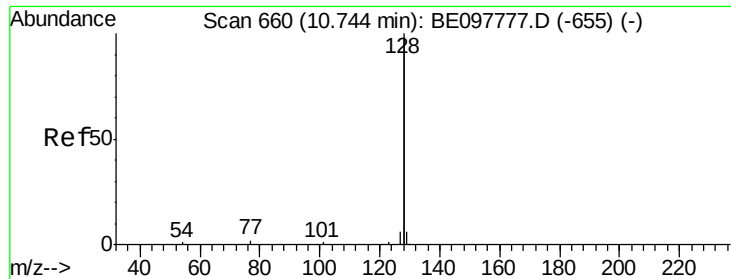


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

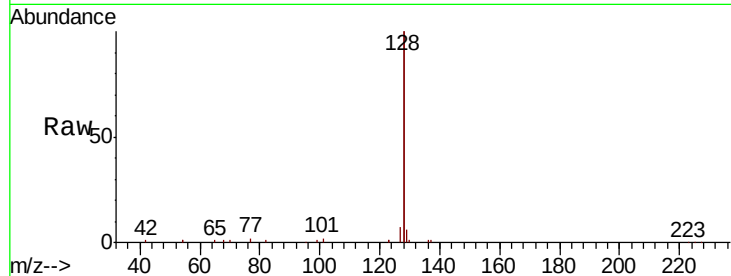




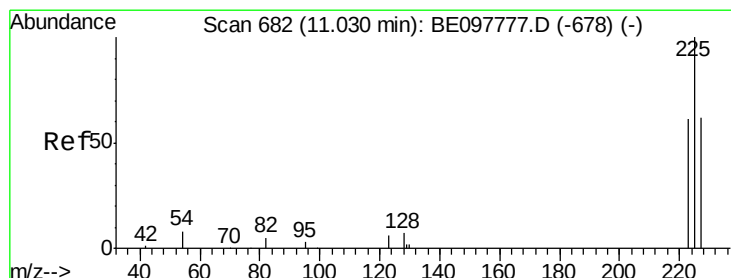
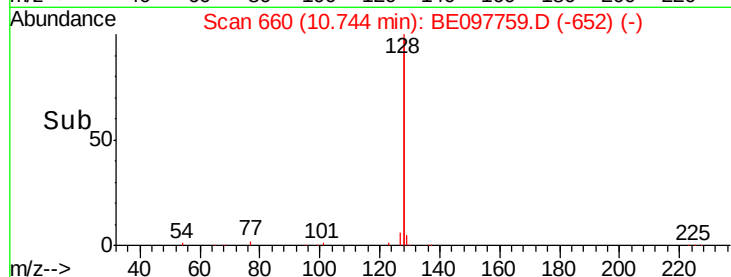
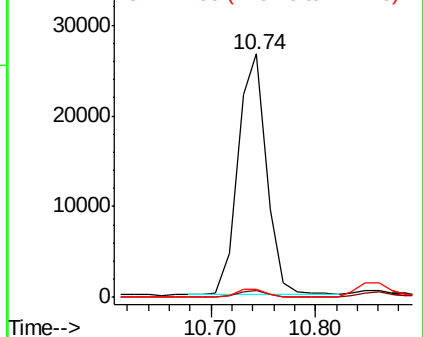
#9
Naphthalene
Concen: 0.386 ng
RT: 10.74 min Scan# 660
Delta R.T. 0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:128 Resp: 50828
Ion Ratio Lower Upper
128 100
129 2.8 2.2 3.2
127 3.4 2.7 4.1

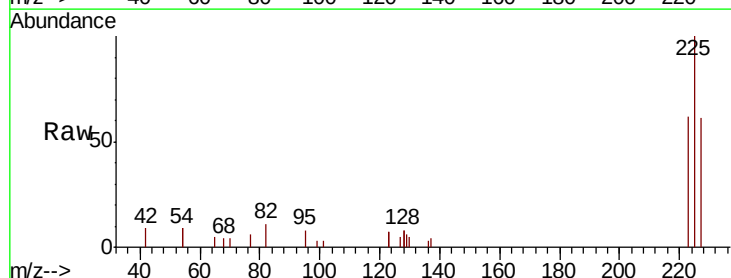


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

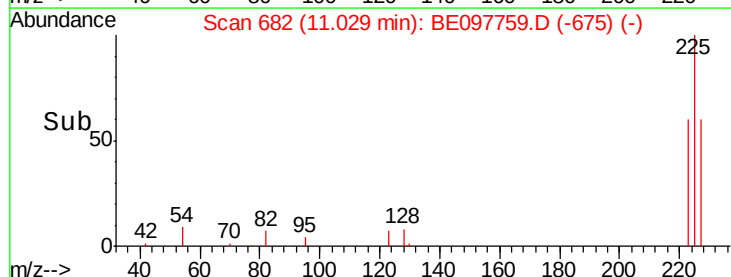
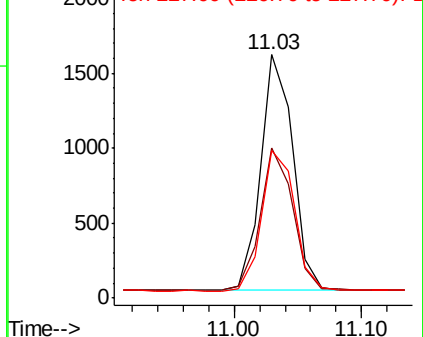


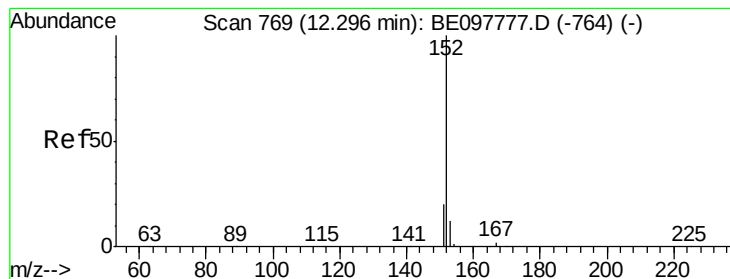
#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:225 Resp: 2730
Ion Ratio Lower Upper
225 100
223 61.1 52.2 78.4
227 61.9 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: 0.385 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

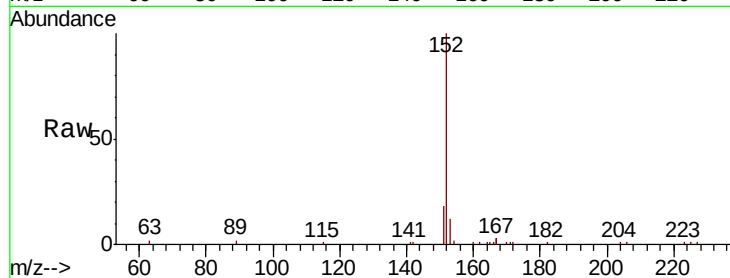
SSTDCCC0.4

Tot Ion:152 Resp: 8009

Ion Ratio Lower Upper

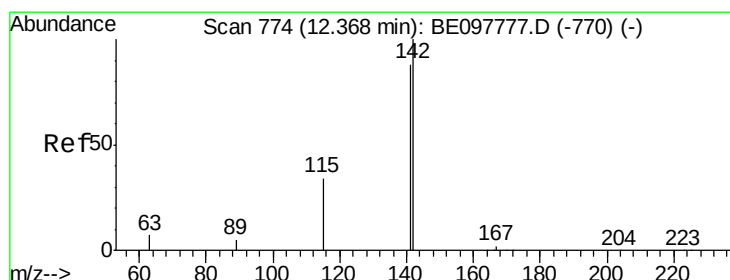
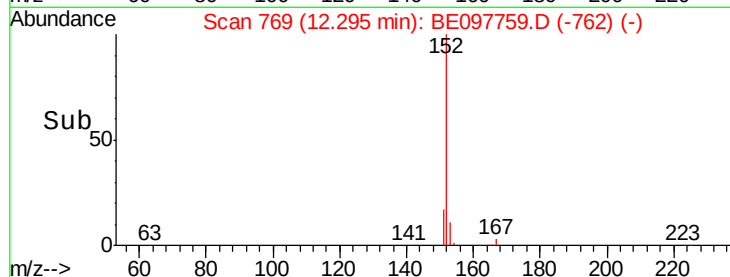
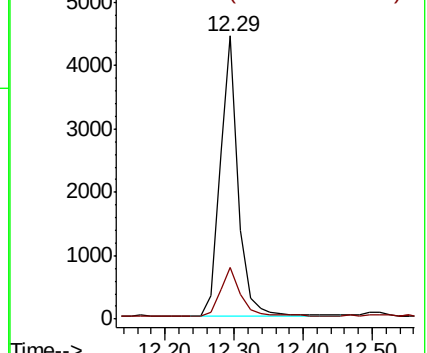
152 100

151 19.4 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: 0.376 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

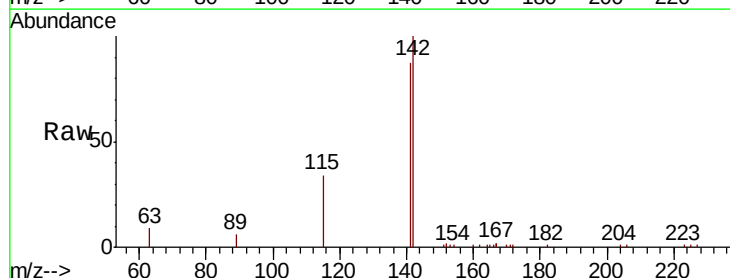
Tgt Ion:142 Resp: 7931

Ion Ratio Lower Upper

142 100

141 87.2 69.4 104.2

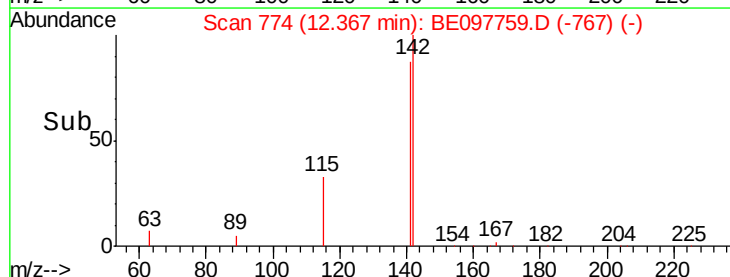
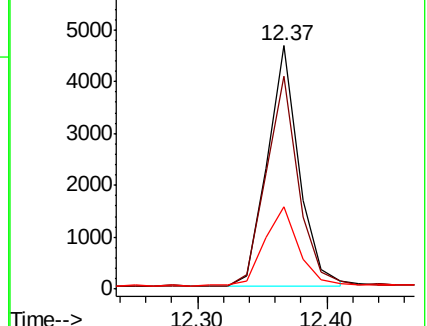
115 34.0 28.0 42.0

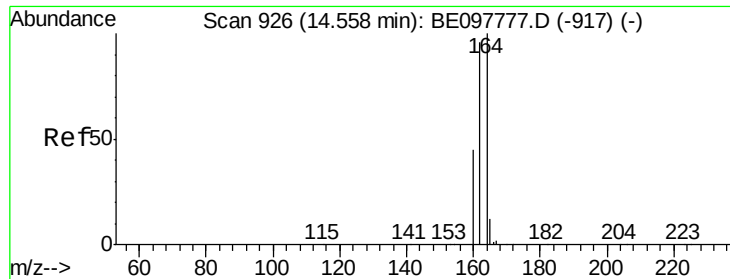


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

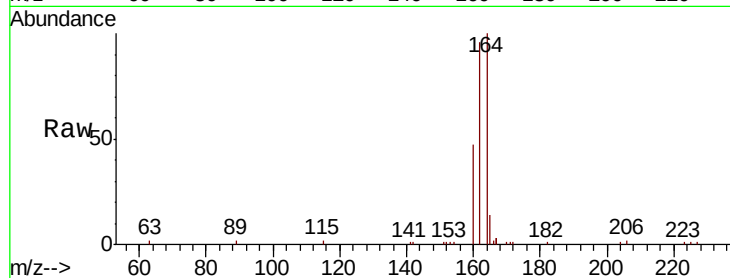




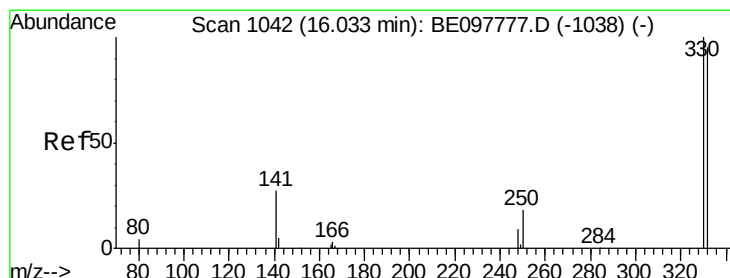
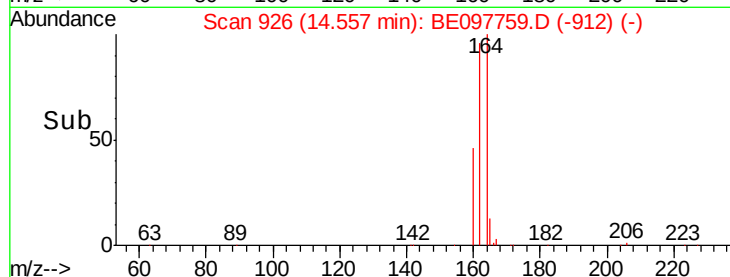
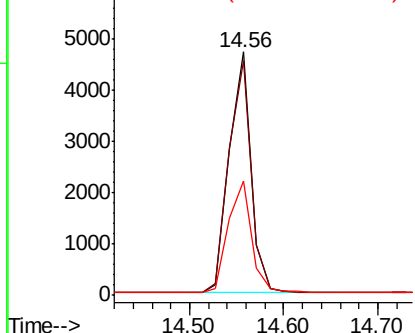
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 7522
Ion Ratio Lower Upper
164 100
162 96.3 78.6 117.8
160 47.1 37.8 56.6

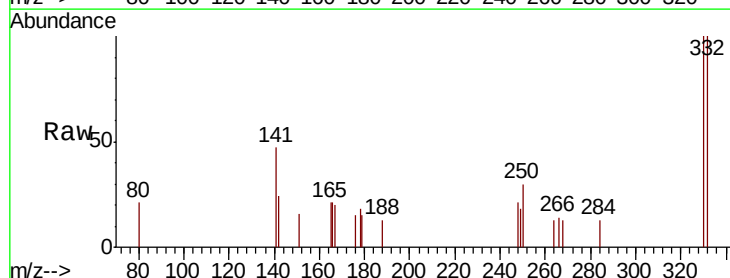


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

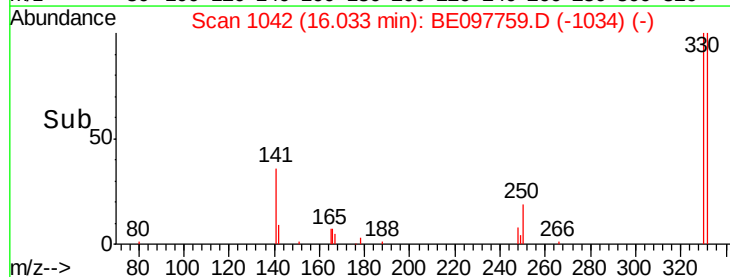
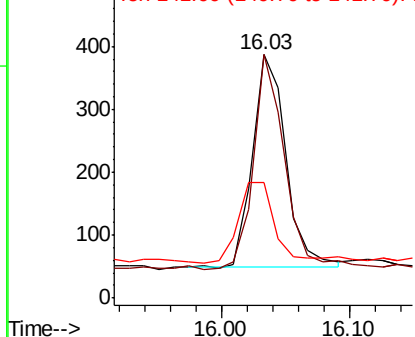


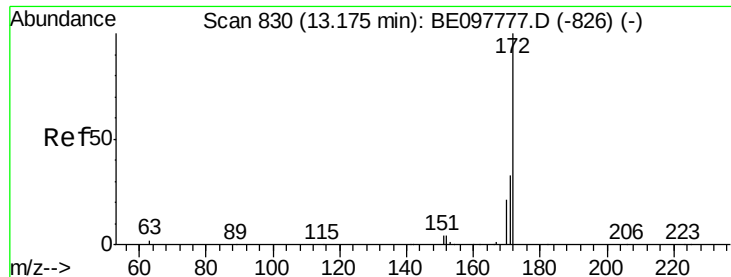
#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:330 Resp: 614
Ion Ratio Lower Upper
330 100
332 95.9 83.5 125.3
141 44.5 34.9 52.3



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

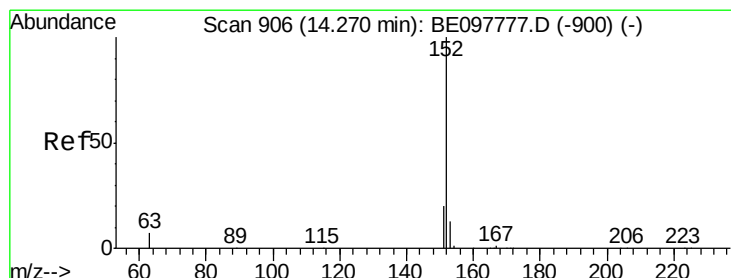
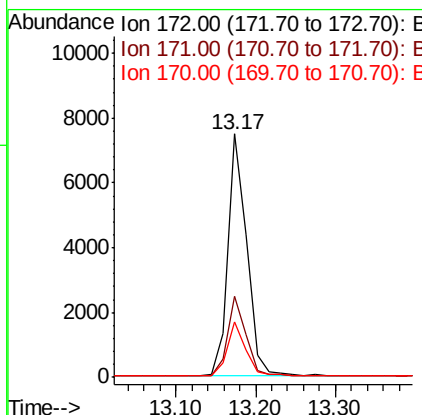
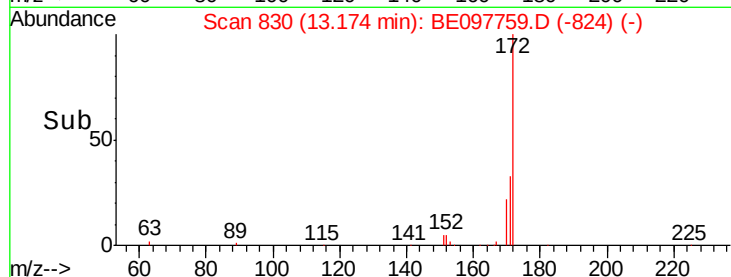
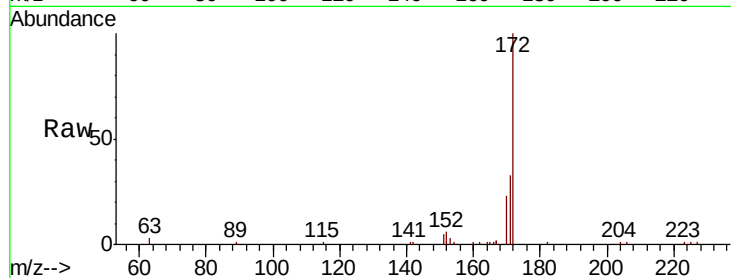




#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

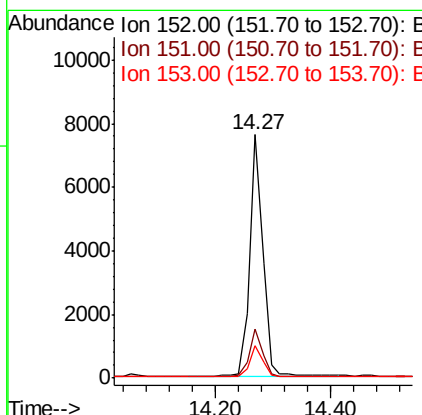
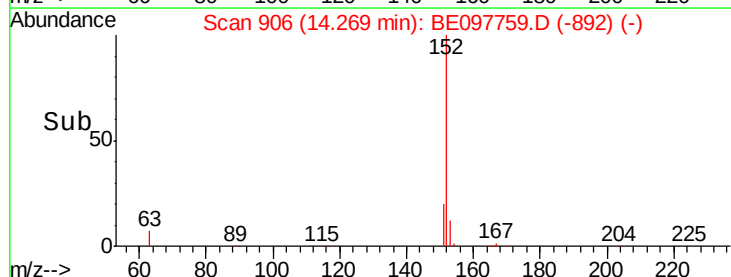
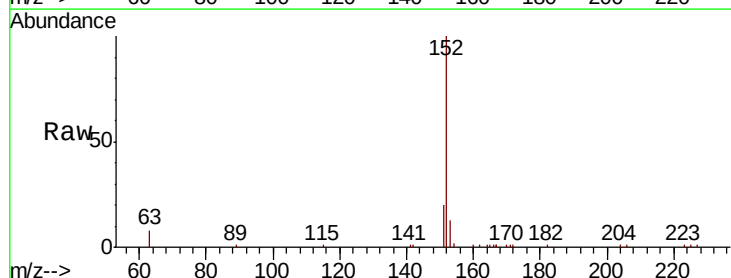
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

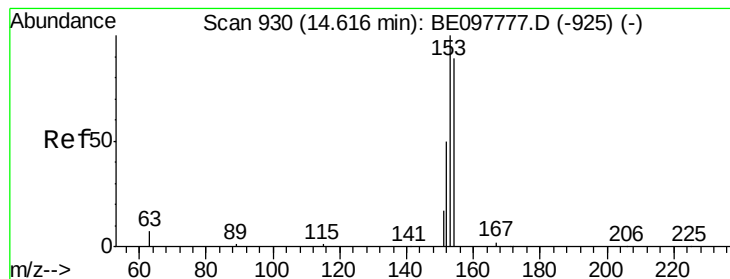
Tot Ion:172 Resp: 12195
Ion Ratio Lower Upper
172 100
171 33.2 25.2 37.8
170 22.9 16.2 24.2



#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097759.D
Acq: 5 Oct 2018 17:40

Tgt Ion:152 Resp: 12089
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9
153 12.4 10.8 16.2





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

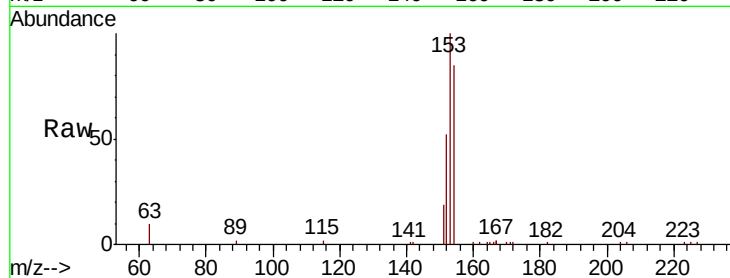
Tot Ion:154 Resp: 8125

Ion Ratio Lower Upper

154 100

153 115.2 93.3 139.9

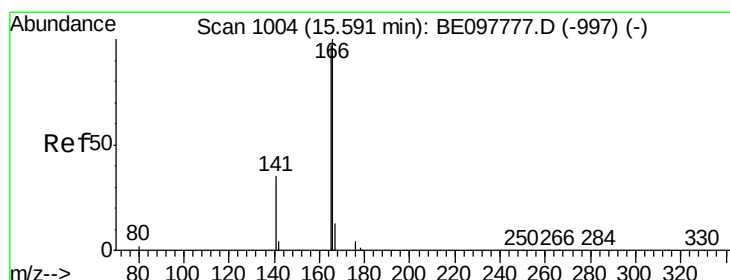
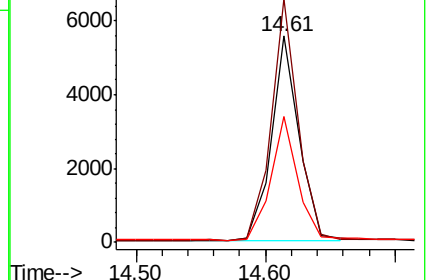
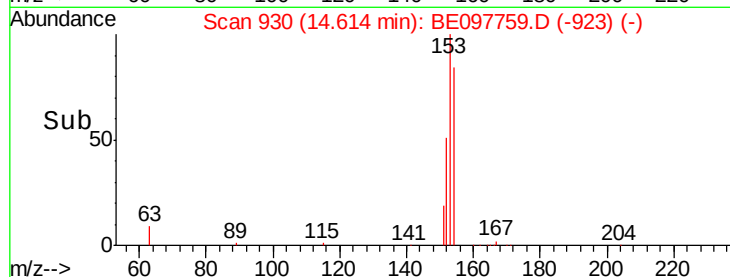
152 59.5 48.9 73.3



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: 0.379 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

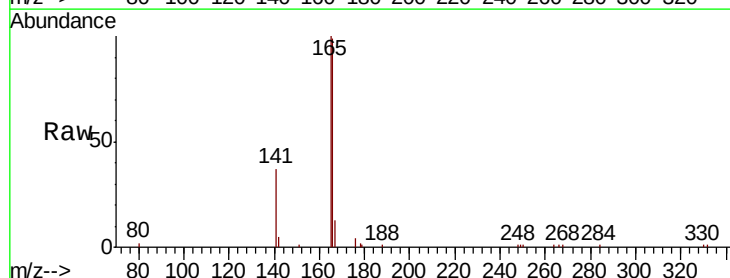
Tgt Ion:166 Resp: 10728

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

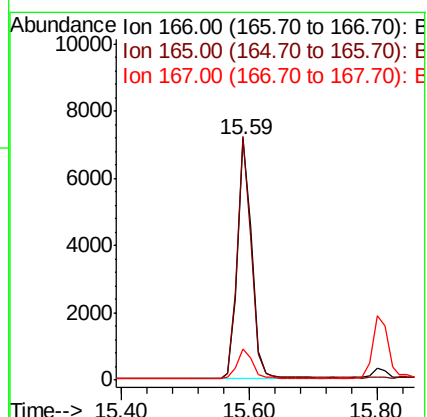
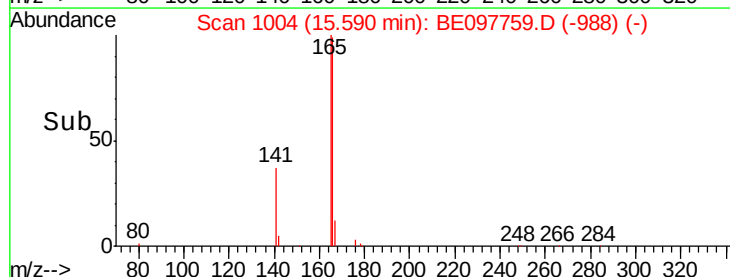
167 13.3 11.1 16.7

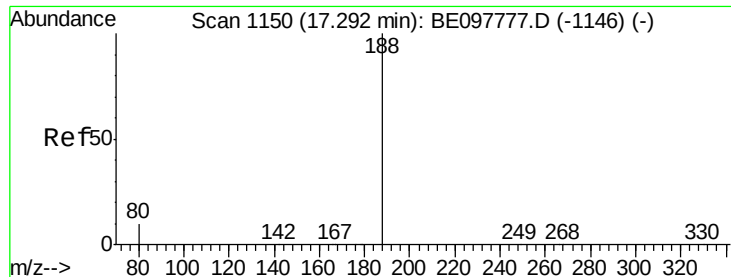


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

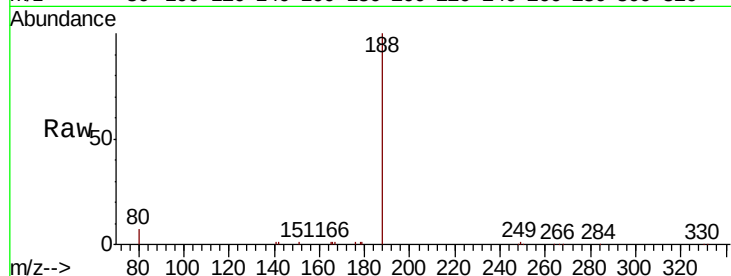
Tot Ion:188 Resp: 20692

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

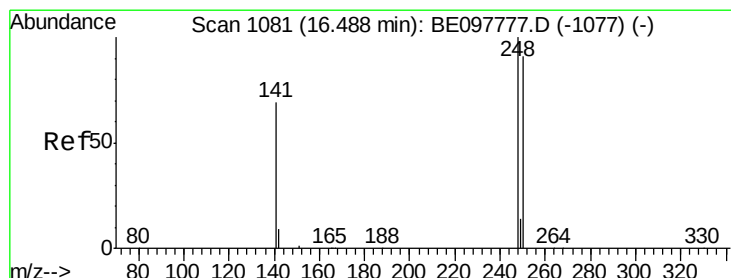
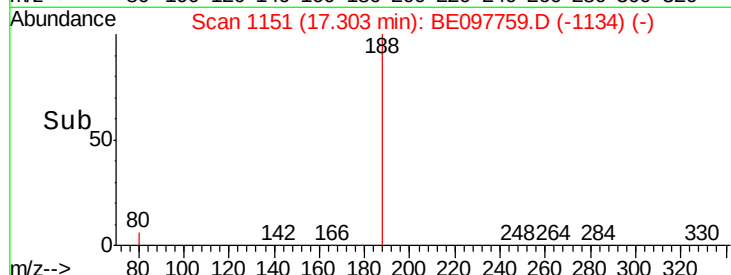
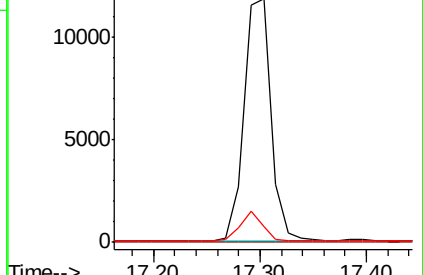
80 6.5 6.6 9.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.373 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

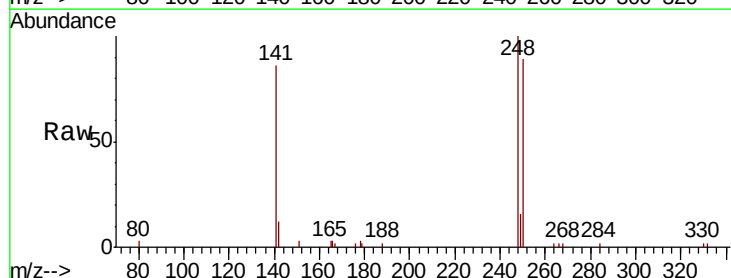
Tgt Ion:248 Resp: 4049

Ion Ratio Lower Upper

248 100

250 89.3 76.1 114.1

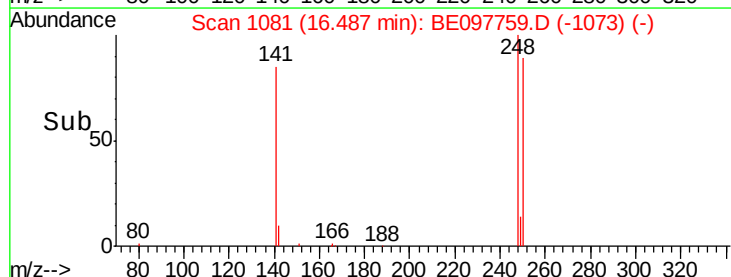
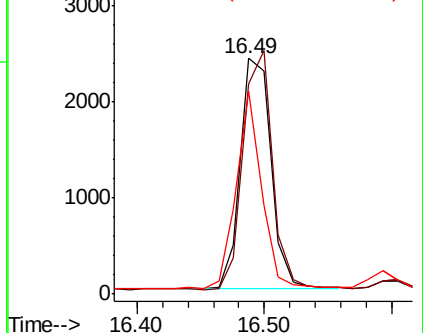
141 86.1 42.2 63.4#

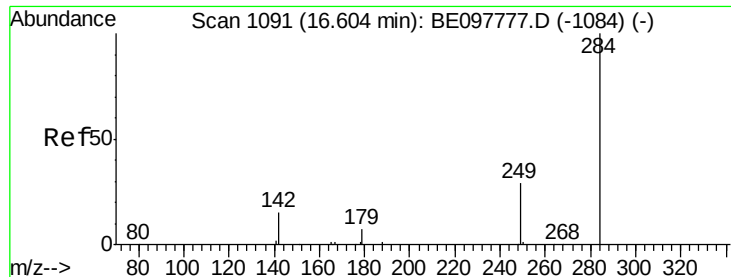


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.373 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

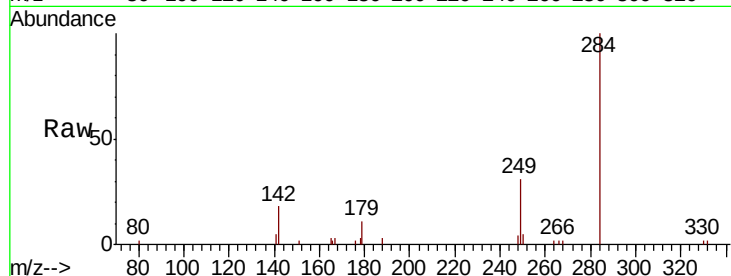
Tot Ion:284 Resp: 4556

Ion Ratio Lower Upper

284 100

142 32.5 24.9 37.3

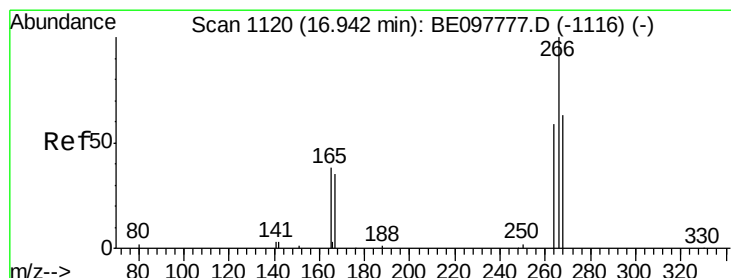
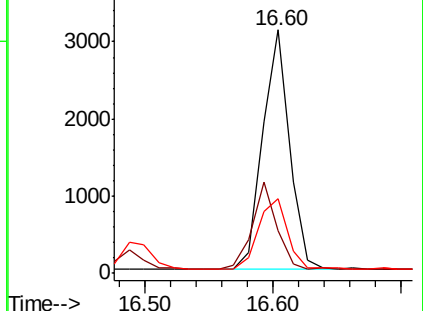
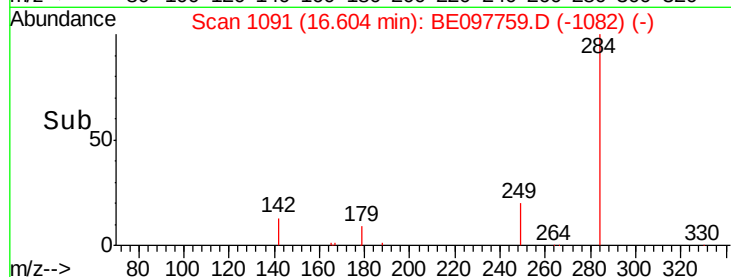
249 31.8 25.8 38.8



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: 0.441 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

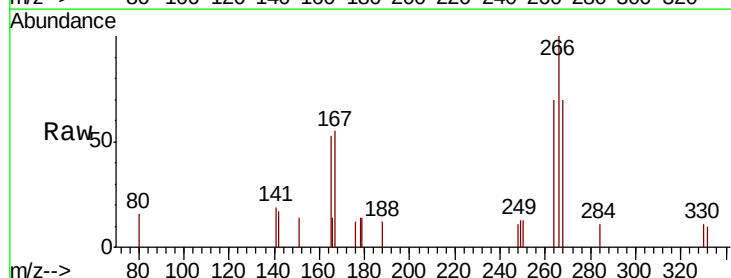
Tgt Ion:266 Resp: 844

Ion Ratio Lower Upper

266 100

264 69.7 46.8 70.2

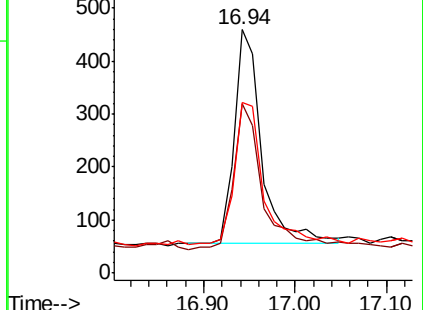
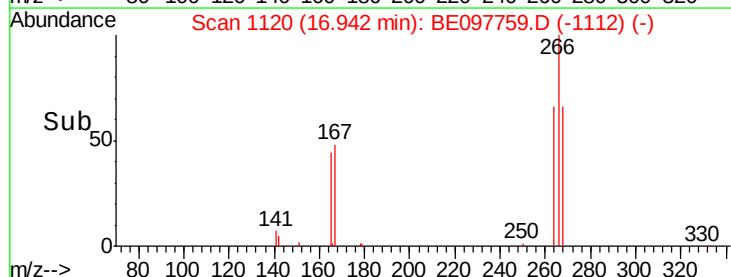
268 70.4 53.0 79.6

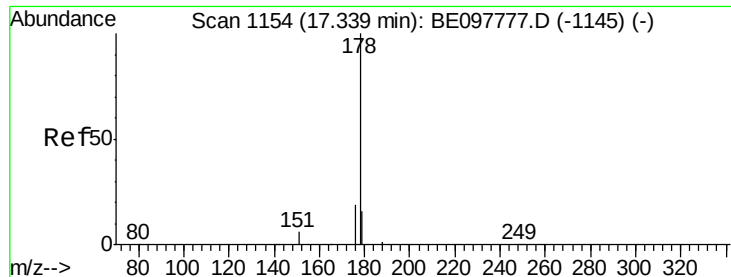


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

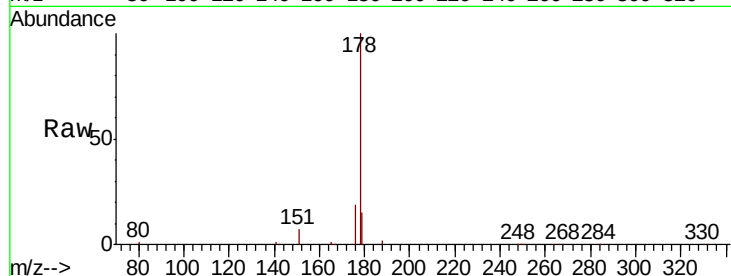
Tot Ion:178 Resp: 20128

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

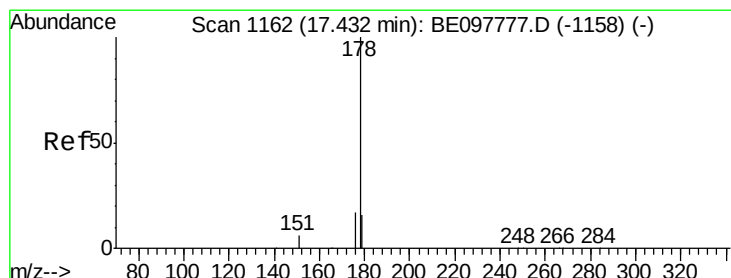
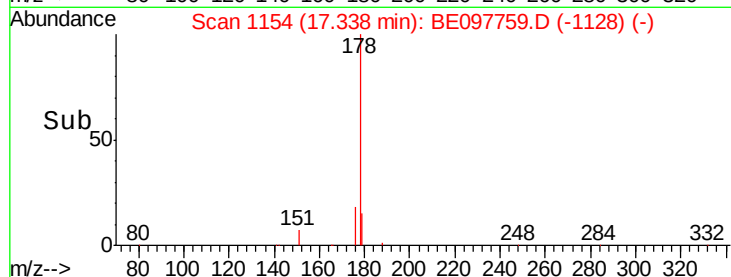
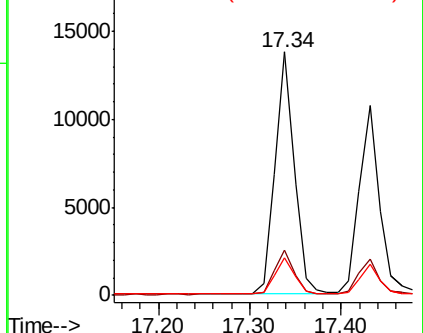
179 15.3 12.2 18.4



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: 0.357 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

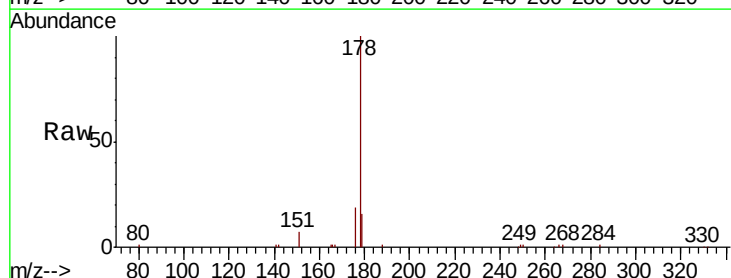
Tgt Ion:178 Resp: 16420

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

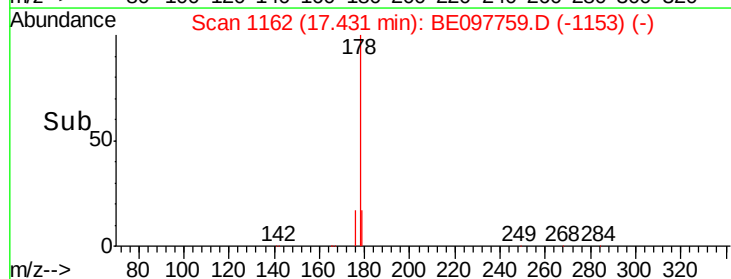
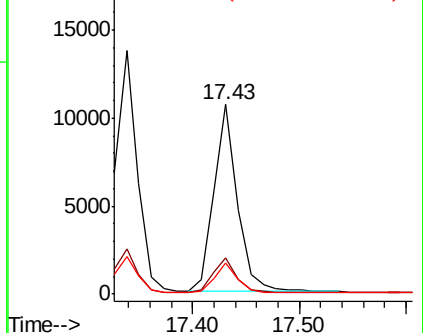
179 15.5 12.2 18.2

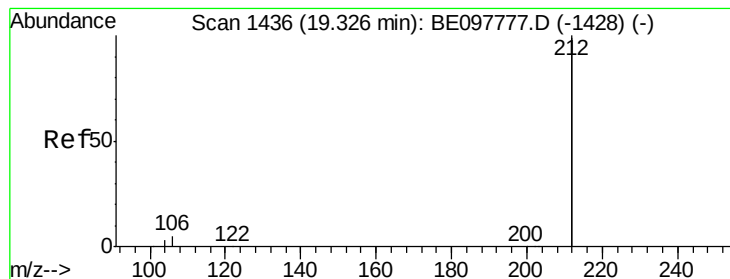


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

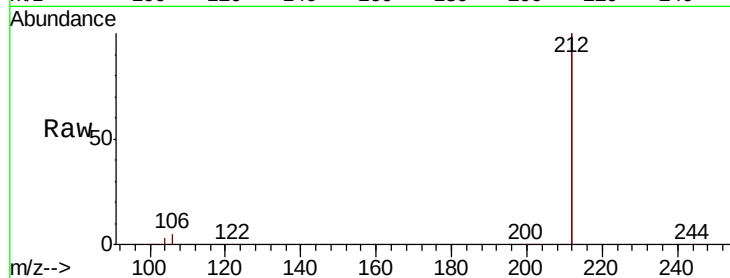
Tot Ion:212 Resp: 96726

Ion Ratio Lower Upper

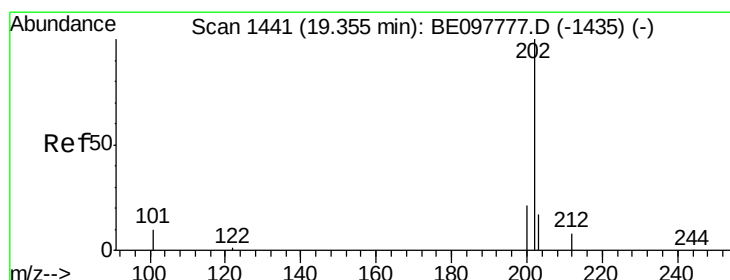
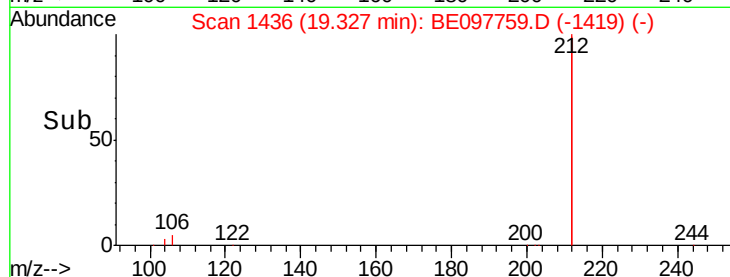
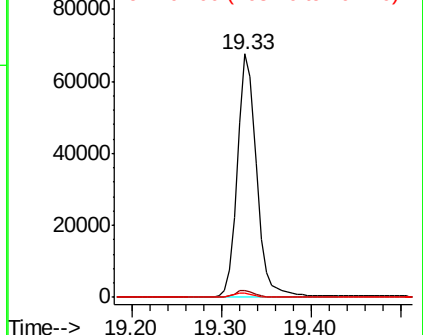
212 100

106 2.8 2.2 3.2

104 1.5 1.2 1.8



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: 0.370 ng

RT: 19.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

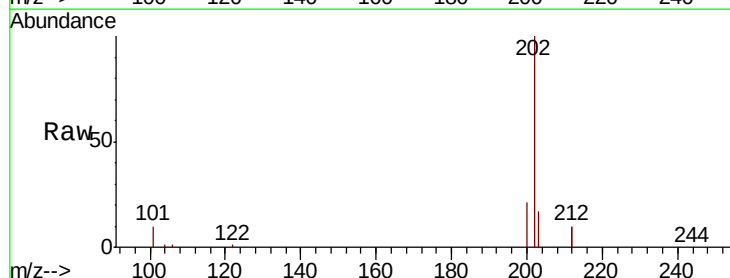
Tgt Ion:202 Resp: 25169

Ion Ratio Lower Upper

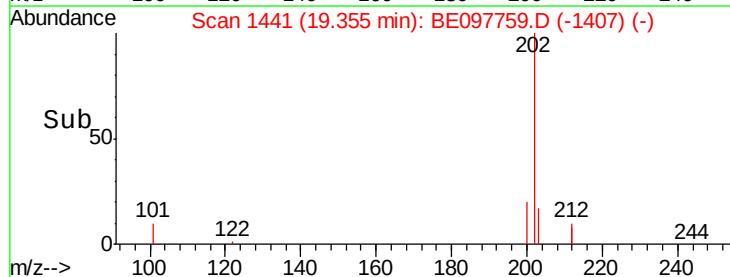
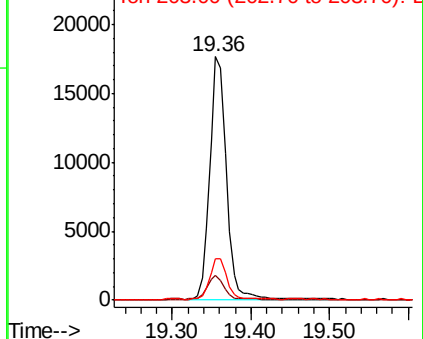
202 100

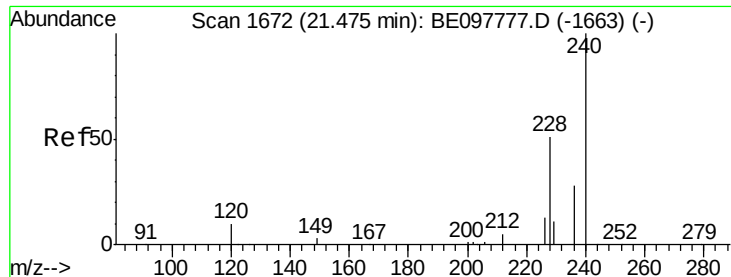
101 9.8 7.8 11.8

203 16.8 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

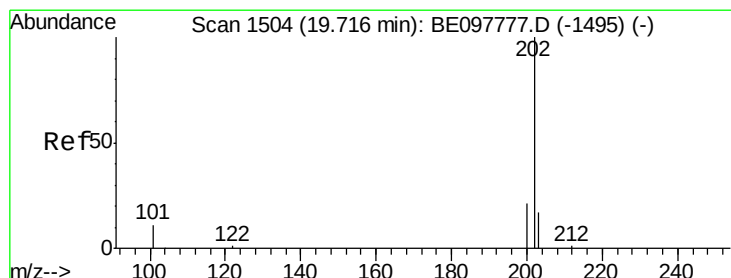
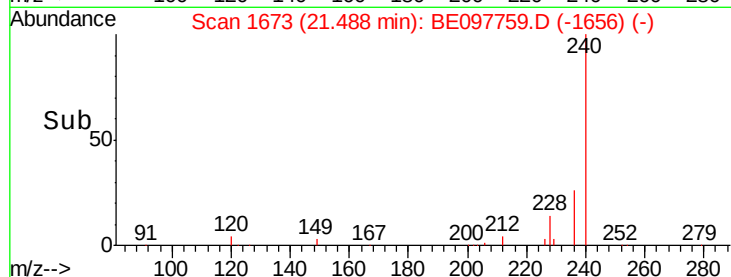
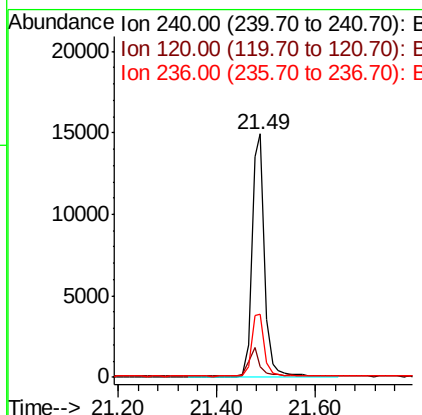
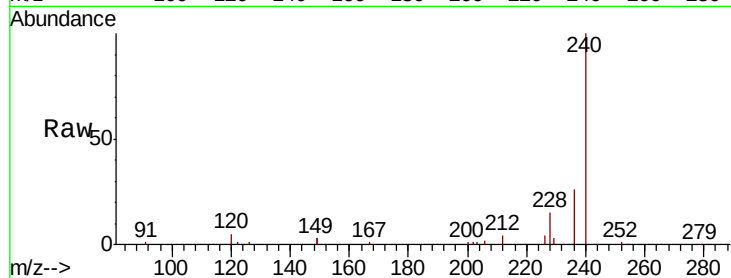




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

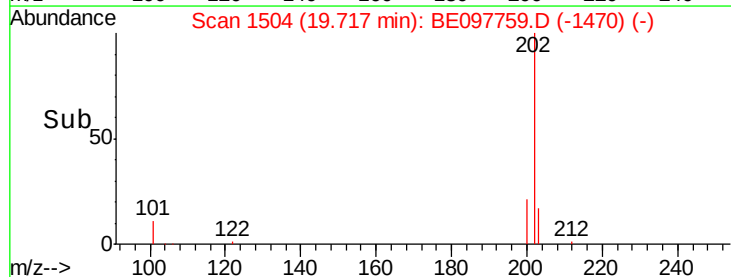
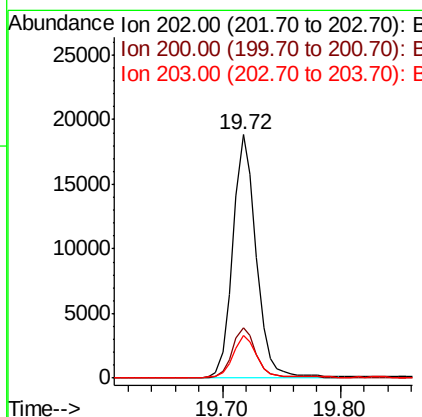
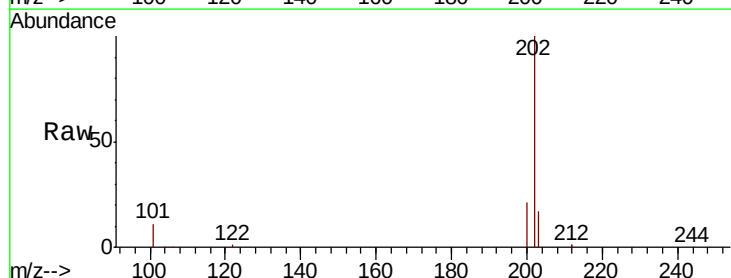
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

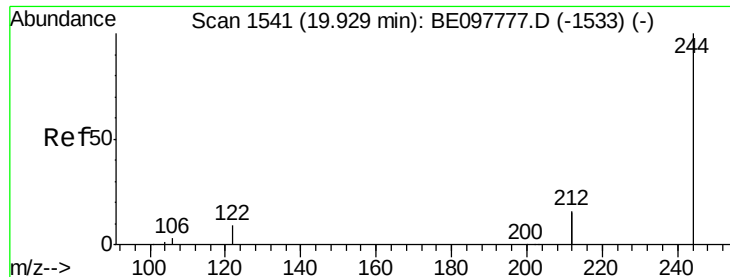
Tot Ion:240 Resp: 26052
 Ion Ratio Lower Upper
 240 100
 120 4.6 4.7 7.1#
 236 26.1 20.8 31.2



#28
 Pyrene
 Concen: 0.387 ng
 RT: 19.72 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

Tgt Ion:202 Resp: 25621
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

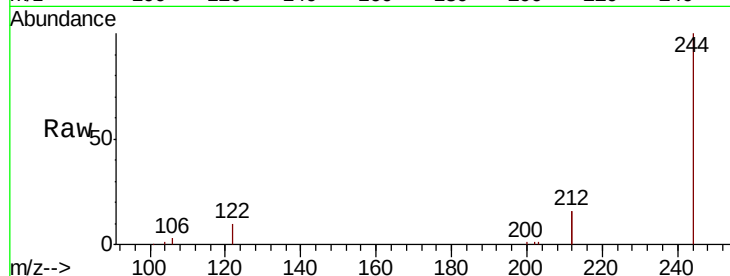
Tot Ion:244 Resp: 20813

Ion Ratio Lower Upper

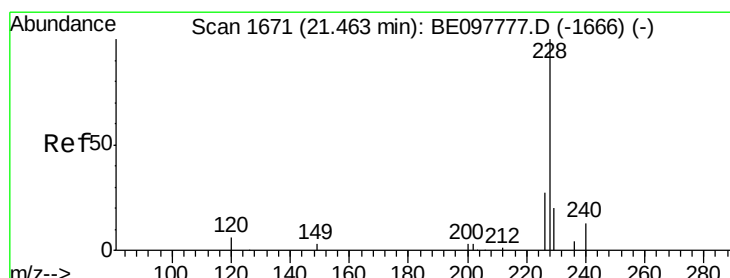
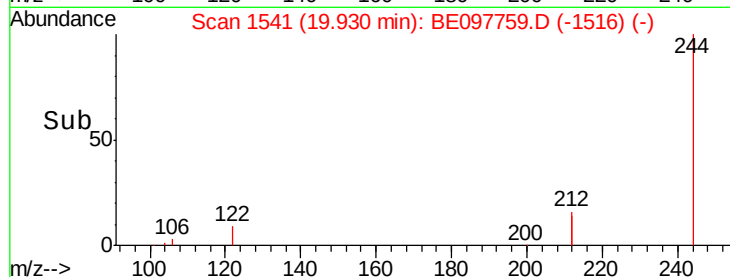
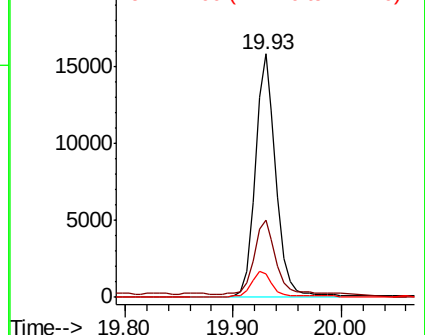
244 100

212 31.6 25.8 38.8

122 9.9 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: 0.364 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

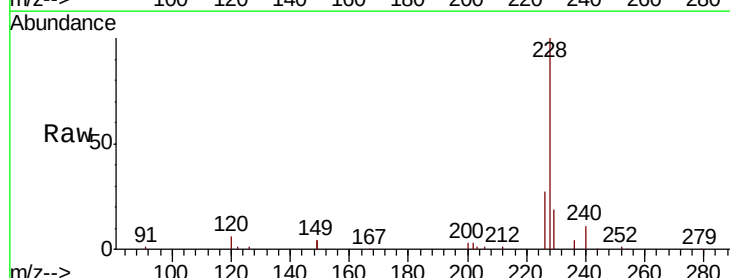
Tgt Ion:228 Resp: 25506

Ion Ratio Lower Upper

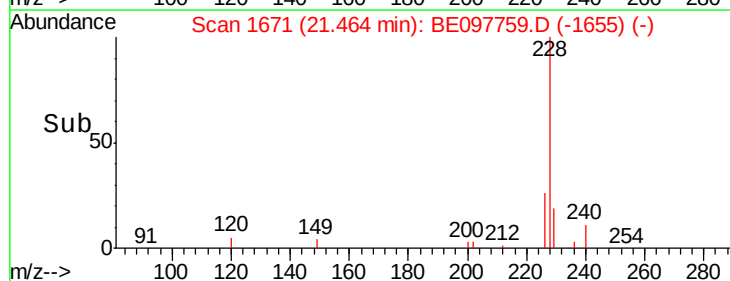
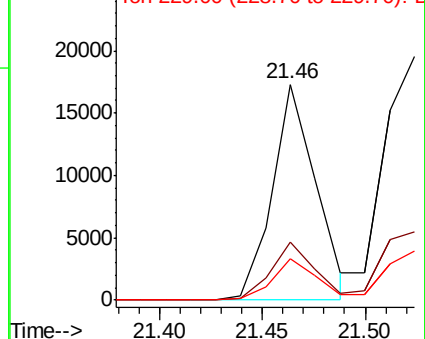
228 100

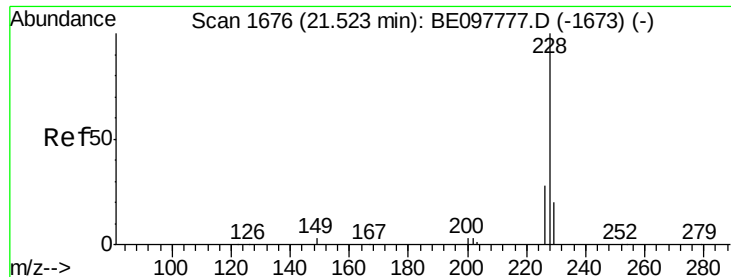
226 26.6 20.7 31.1

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

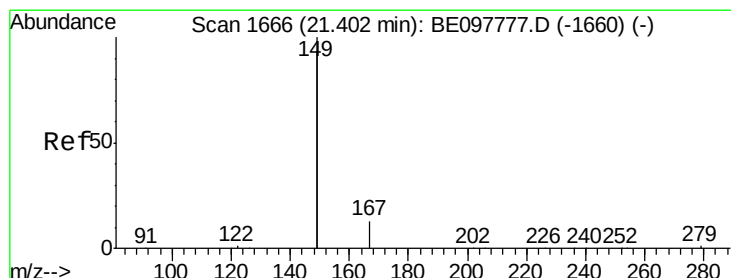
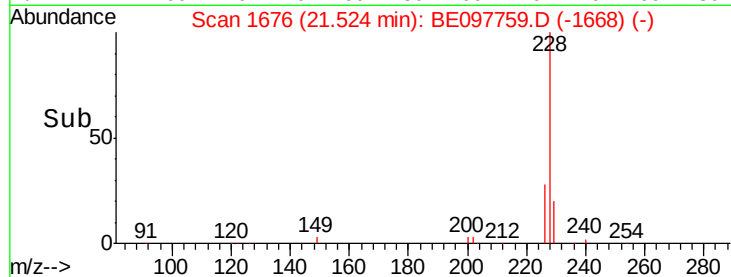
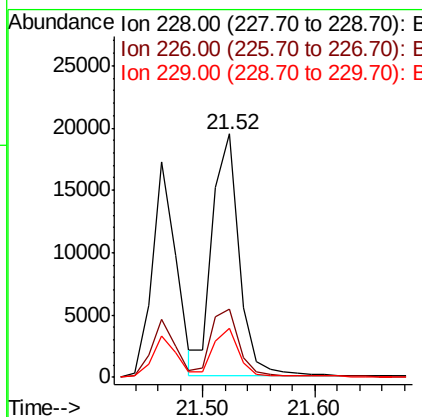
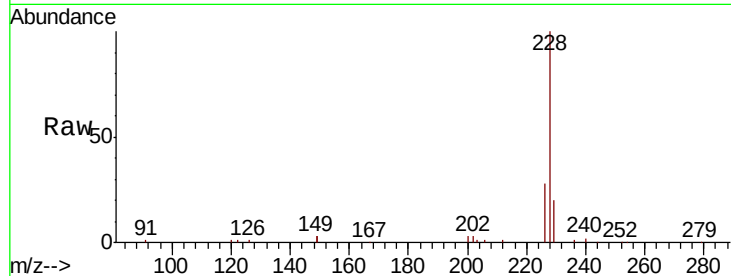




#31
 Chrysene
 Concen: 0.406 ng
 RT: 21.52 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

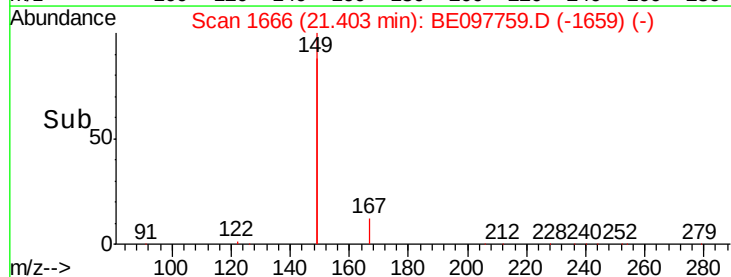
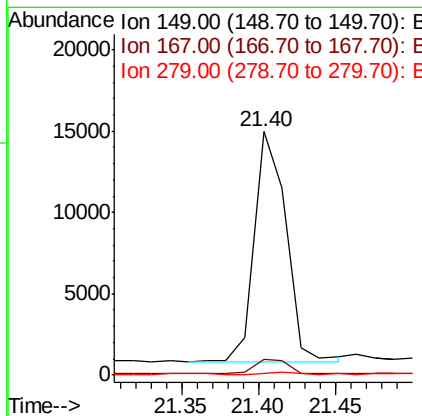
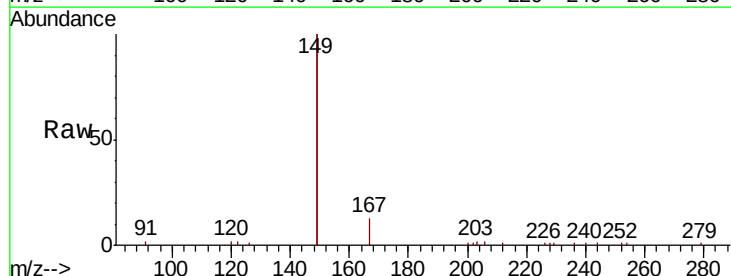
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

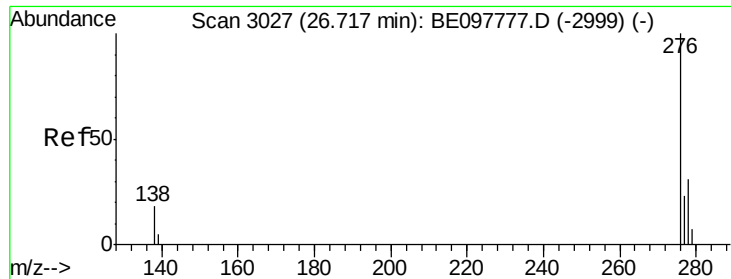
Tot Ion:228 Resp: 31819
 Ion Ratio Lower Upper
 228 100
 226 28.2 24.3 36.5
 229 19.9 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.392 ng
 RT: 21.40 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

Tgt Ion:149 Resp: 20101
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.5 8.3
 279 0.9 0.9 1.3

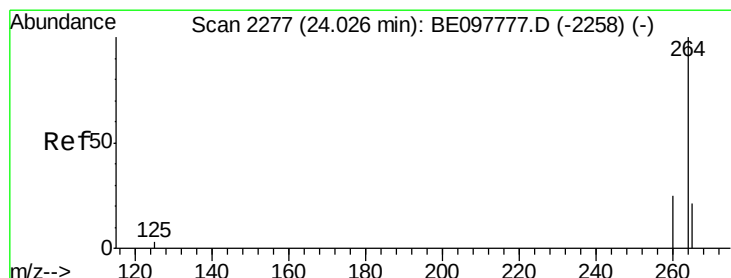
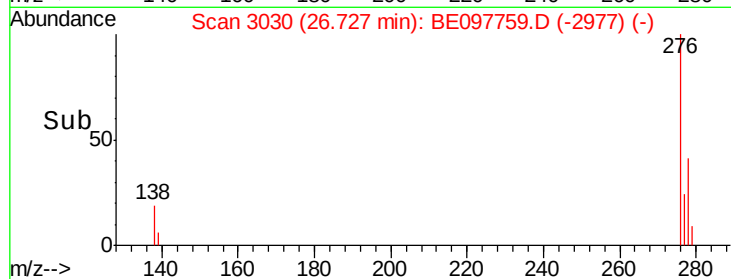
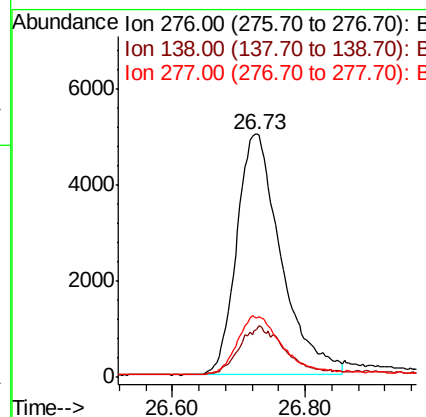
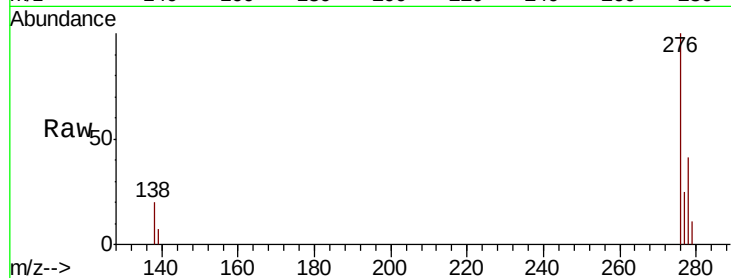




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng
 RT: 26.73 min Scan# 3030
 Delta R.T. -0.01 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

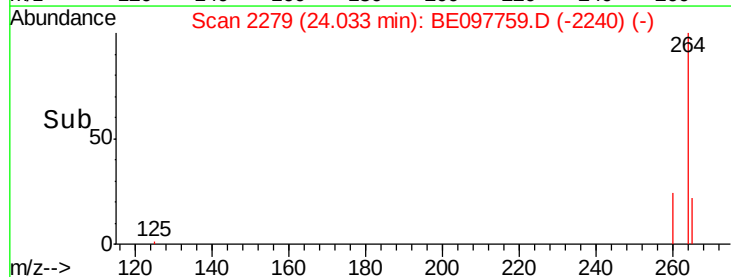
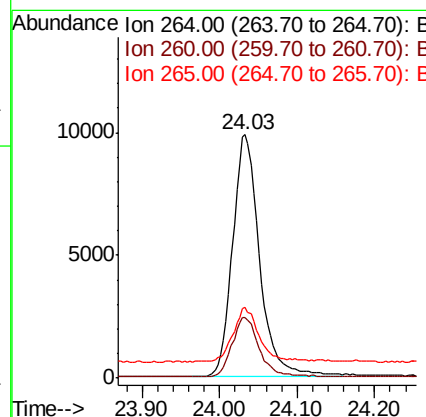
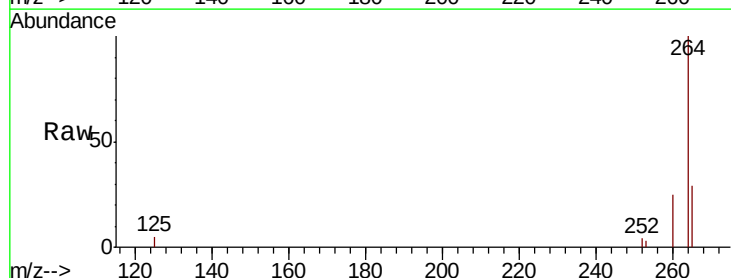
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

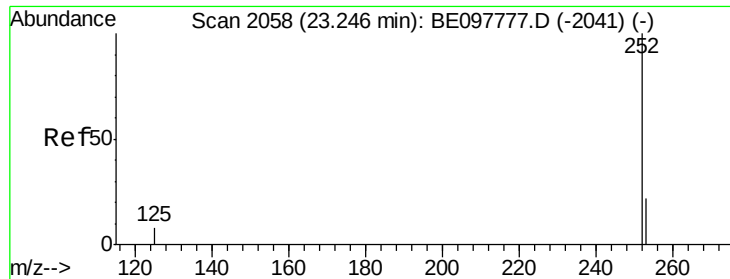
Tot Ion:276 Resp: 23311
 Ion Ratio Lower Upper
 276 100
 138 20.0 15.0 22.6
 277 24.7 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BE097759.D
 Acq: 5 Oct 2018 17:40

Tgt Ion:264 Resp: 23870
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 29.3 21.9 32.9





#35

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 23.25 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

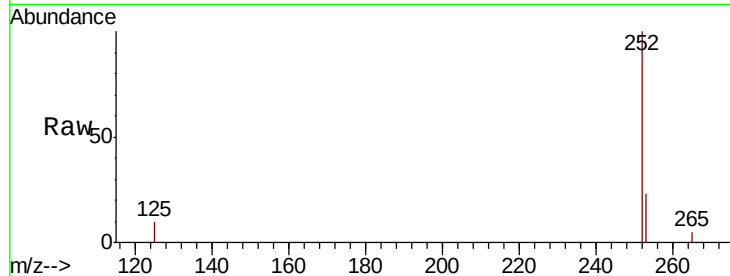
Tot Ion:252 Resp: 23617

Ion Ratio Lower Upper

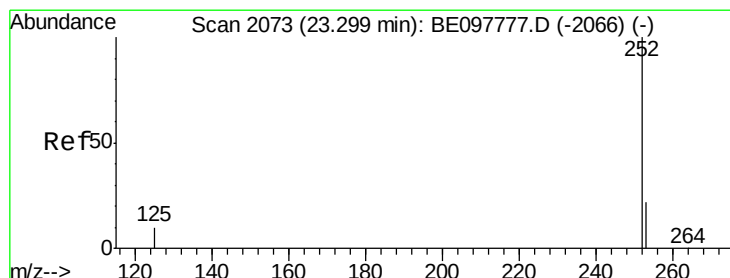
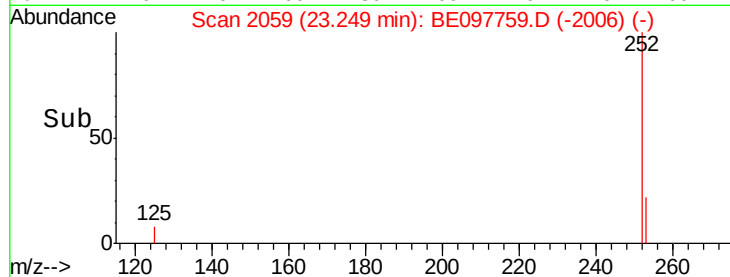
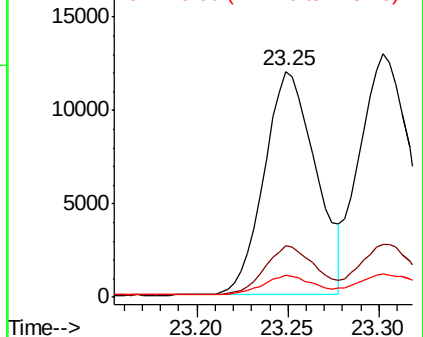
252 100

253 23.0 17.5 26.3

125 9.6 7.8 11.8



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: 0.373 ng

RT: 23.30 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

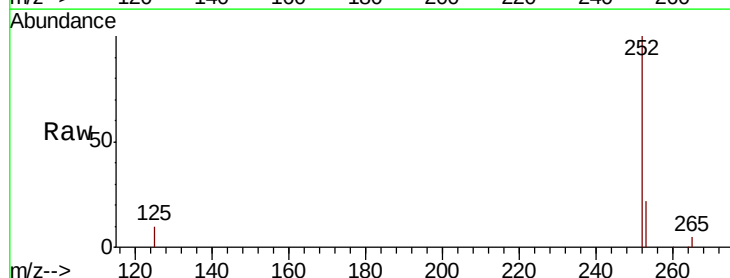
Tgt Ion:252 Resp: 27123

Ion Ratio Lower Upper

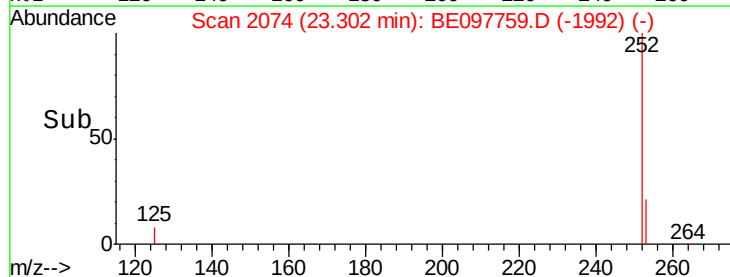
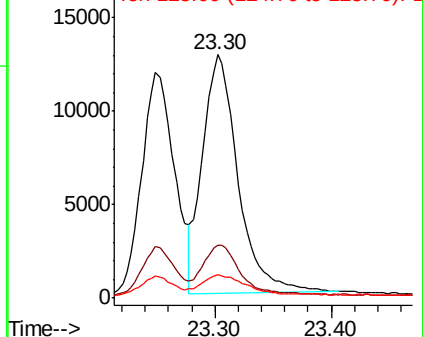
252 100

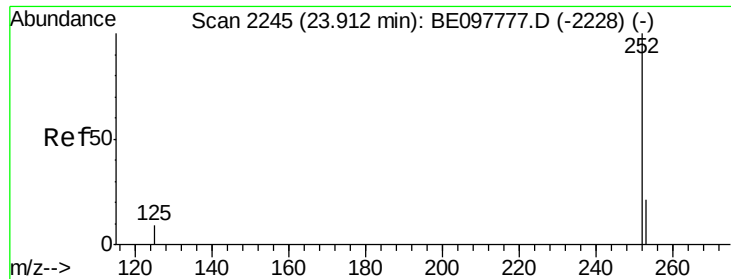
253 21.9 17.5 26.3

125 9.5 7.5 11.3



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





#37

Benzo(a)pyrene

Concen: 0.350 ng

RT: 23.92 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

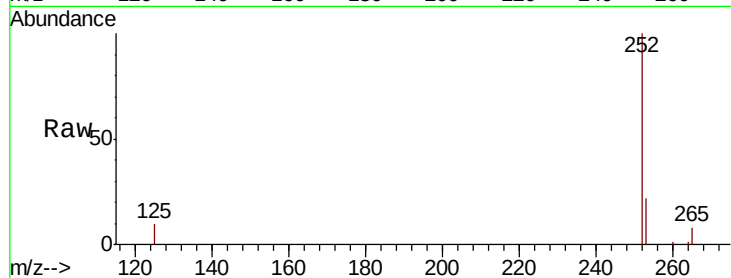
Tot Ion:252 Resp: 20737

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.0 8.3 12.5

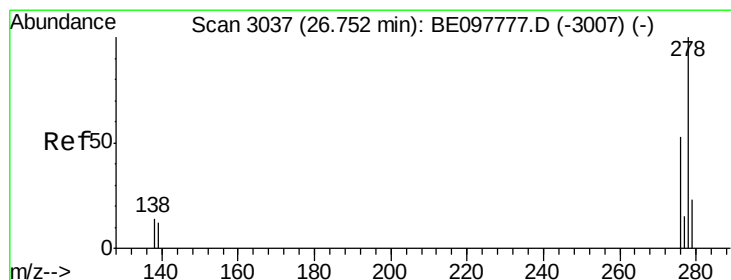
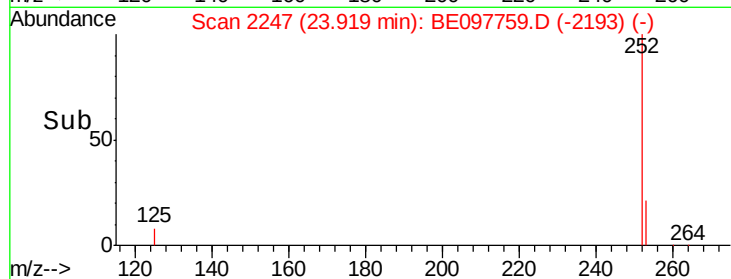
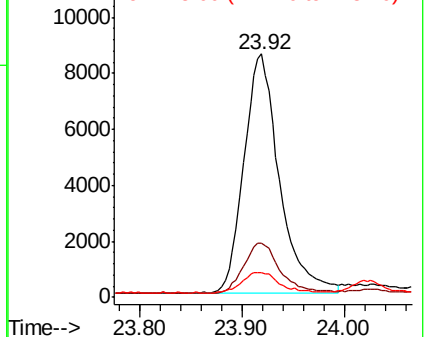


Abundance

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: 0.337 ng

RT: 26.76 min Scan# 3038

Delta R.T. -0.02 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

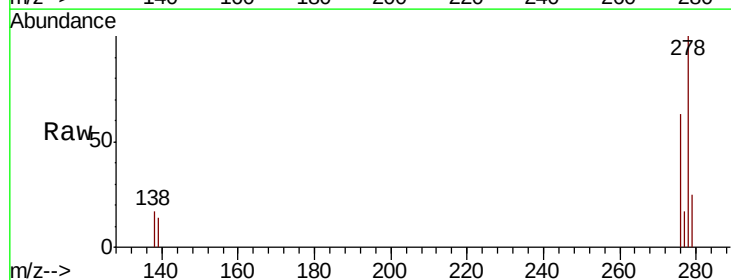
Tgt Ion:278 Resp: 19690

Ion Ratio Lower Upper

278 100

139 13.7 10.3 15.5

279 25.5 18.4 27.6

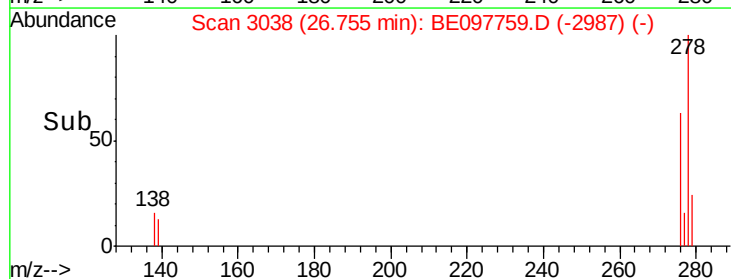
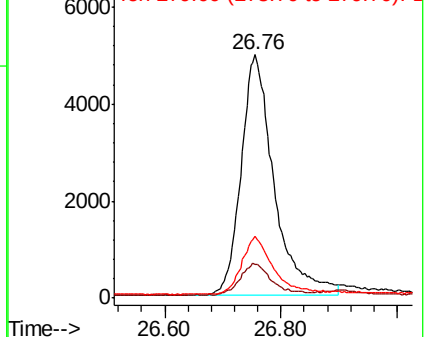


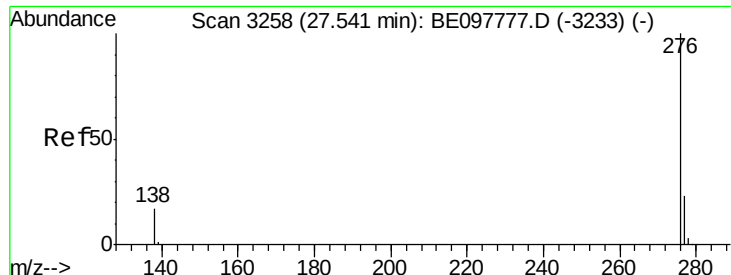
Abundance

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(a,h,i)perylene

Concen: 0.359 ng

RT: 27.54 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BE097759.D

Acq: 5 Oct 2018 17:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

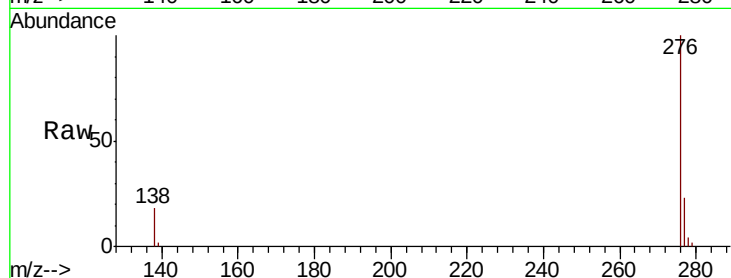
Tot Ion:276 Resp: 21942

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 18.2 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

