

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101718\
 Data File : BE097966.D
 Acq On : 18 Oct 2018 2:53
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 18 10:19:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2161	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10532	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7165	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	17749	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	20385	0.40	ng	-0.01
34) Perylene-d12	24.03	264	20069	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2861	0.42	ng	-0.01
5) Phenol-d6	7.04	99	4462	0.44	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4071	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7872	0.45	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1564	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	11706	0.40	ng	-0.01
25) Fluoranthene-d10	19.33	212	97408	0.40	ng	0.00
29) Terphenyl-d14	19.92	244	19542	0.42	ng	-0.01

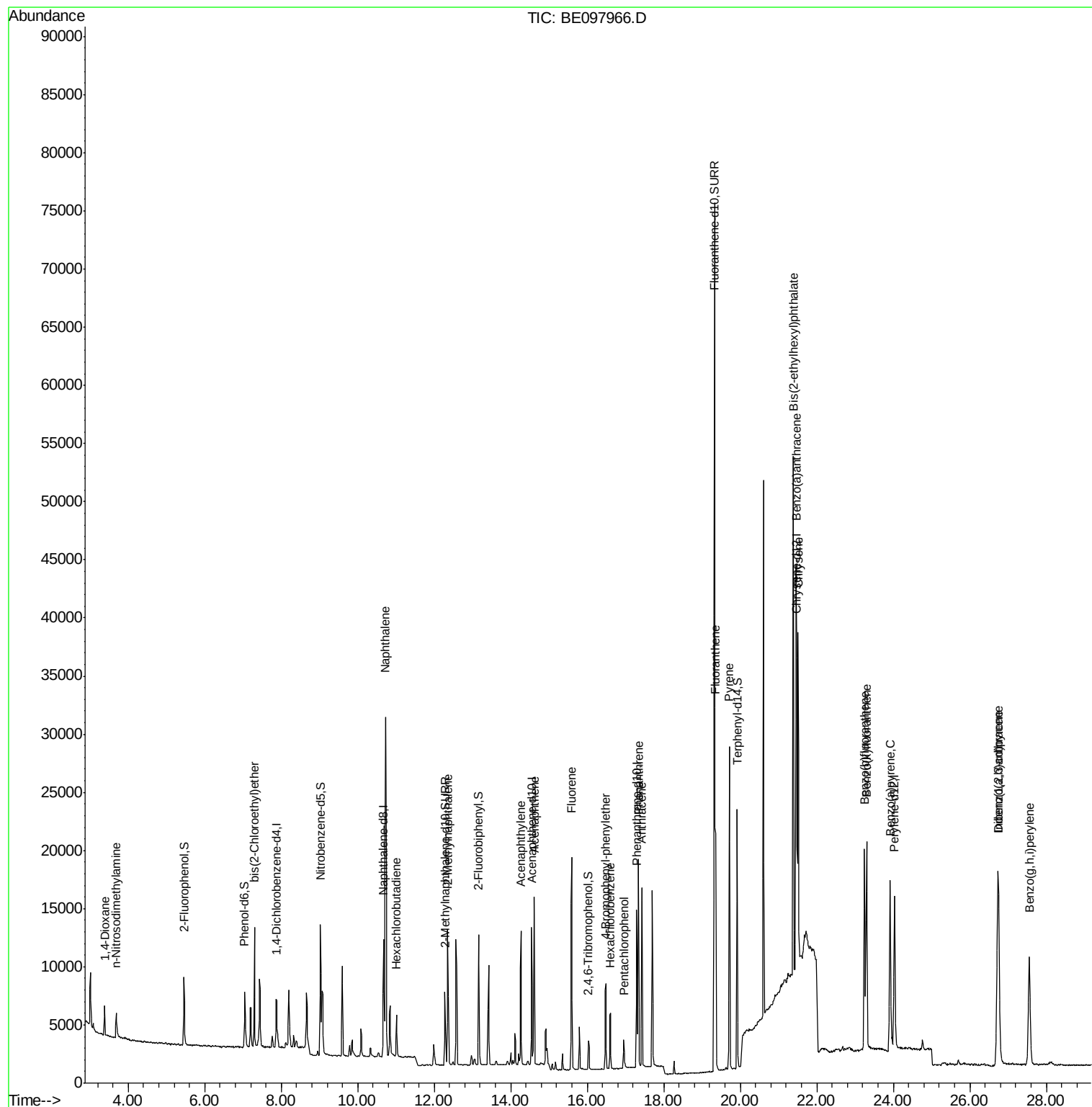
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1516	0.402	ng	97
3) n-Nitrosodimethylamine	3.69	42	1739	0.413	ng	# 95
6) bis(2-Chloroethyl)ether	7.30	93	3542	0.414	ng	97
9) Naphthalene	10.73	128	45743	0.436	ng	100
10) Hexachlorobutadiene	11.02	225	2436	0.431	ng	98
12) 2-Methylnaphthalene	12.35	142	8056	0.448	ng	99
16) Acenaphthylene	14.27	152	14164	0.428	ng	98
17) Acenaphthene	14.62	154	8578	0.424	ng	97
18) Fluorene	15.59	166	11454	0.412	ng	99
20) 4-Bromophenyl-phenylether	16.49	248	4225	0.436	ng	# 82
21) Hexachlorobenzene	16.60	284	4331	0.454	ng	99
22) Pentachlorophenol	16.95	266	1559	0.623	ng	98
23) Phenanthrene	17.34	178	19078	0.423	ng	99
24) Anthracene	17.42	178	18283	0.429	ng	99
26) Fluoranthene	19.35	202	24022	0.406	ng	98
28) Pyrene	19.72	202	25568	0.435	ng	100
30) Benzo(a)anthracene	21.46	228	26485	0.424	ng	98
31) Chrysene	21.51	228	25783	0.435	ng	99
32) Bis(2-ethylhexyl)phthalate	21.39	149	63982	0.455	ng	99
33) Indeno(1,2,3-cd)pyrene	26.73	276	27151	0.422	ng	99
35) Benzo(b)fluoranthene	23.25	252	24333	0.421	ng	97
36) Benzo(k)fluoranthene	23.30	252	25165	0.418	ng	98
37) Benzo(a)pyrene	23.92	252	23955	0.426	ng	98
38) Dibenzo(a,h)anthracene	26.75	278	22997	0.417	ng	98
39) Benzo(g,h,i)perylene	27.55	276	22787	0.404	ng	96

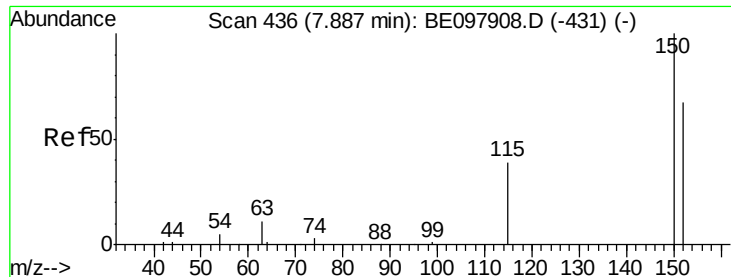
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

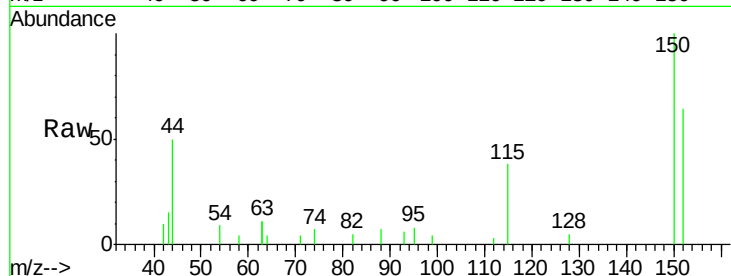
Tgt Ion:152 Resp: 2161

Ion Ratio Lower Upper

152 100

150 155.4 118.2 177.4

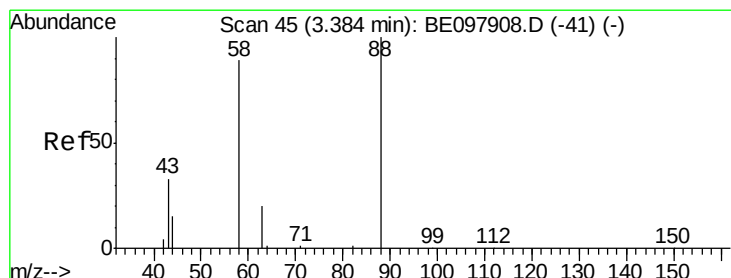
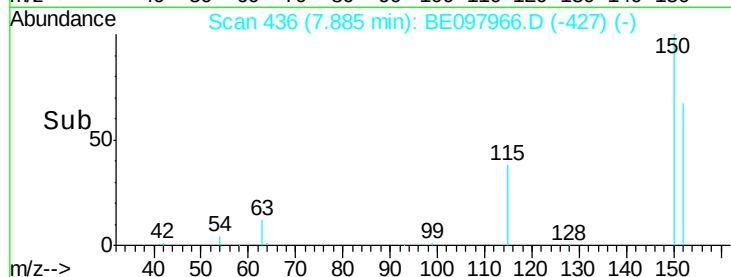
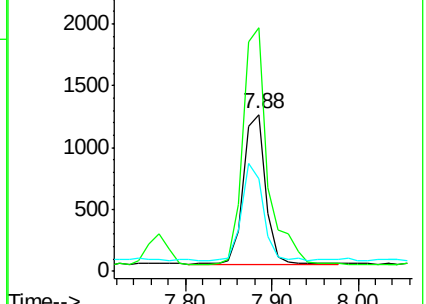
115 59.3 50.9 76.3



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: 0.402 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

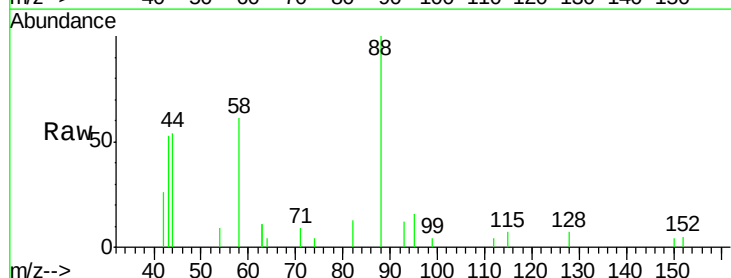
Tgt Ion: 88 Resp: 1516

Ion Ratio Lower Upper

88 100

58 91.4 73.2 109.8

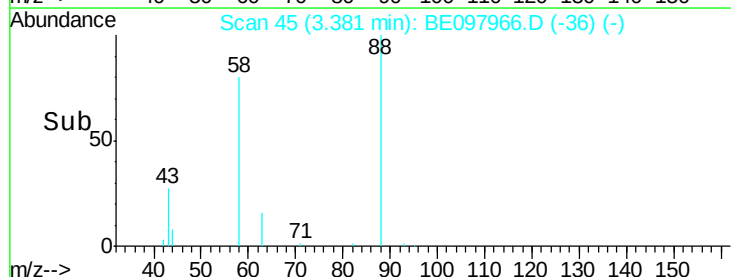
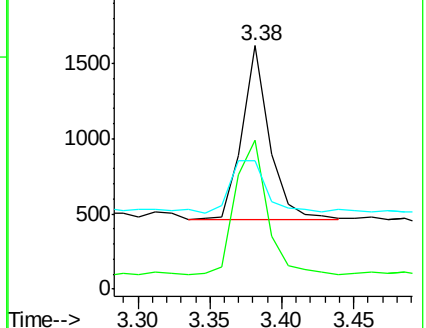
43 40.4 36.9 55.3

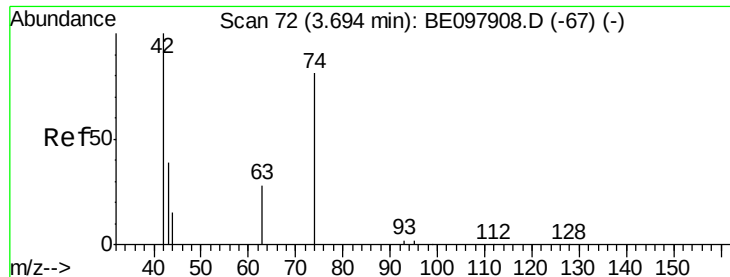


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

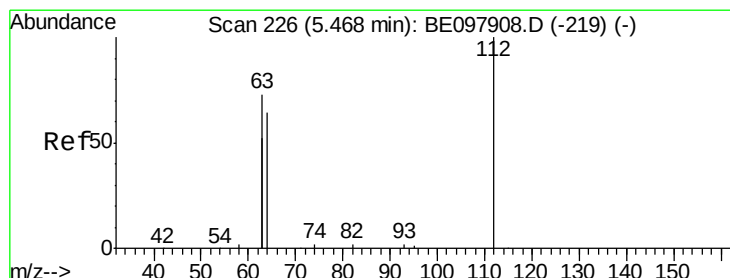
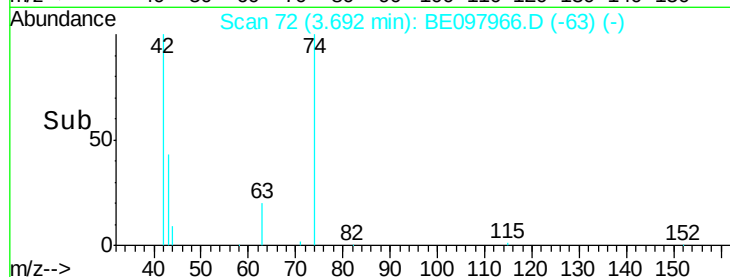
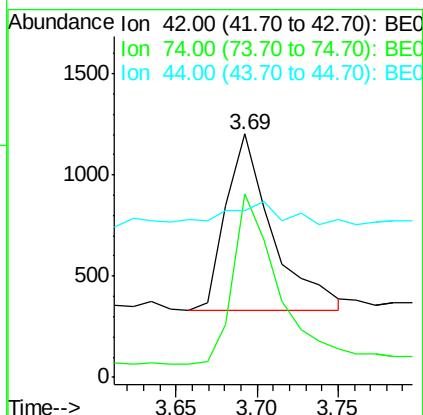
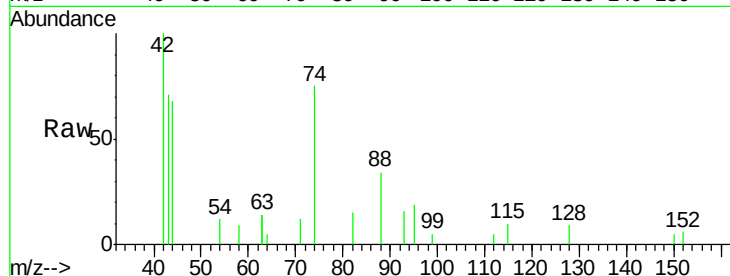




#3
 n-Nitrosodimethylamine
 Concen: 0.413 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

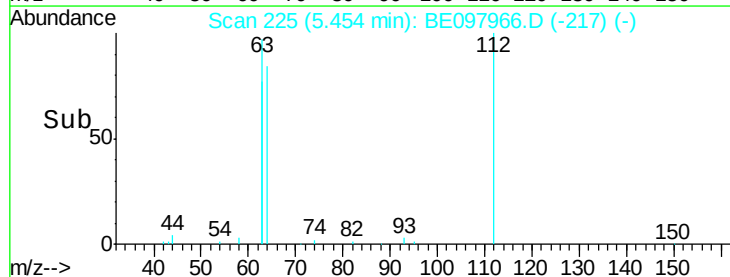
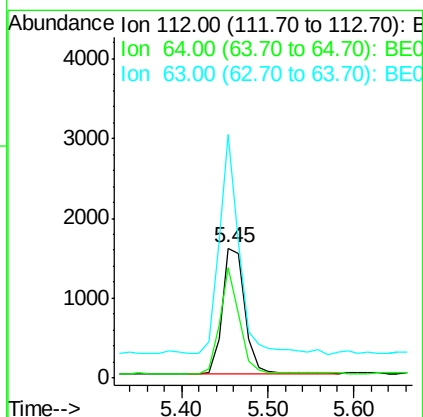
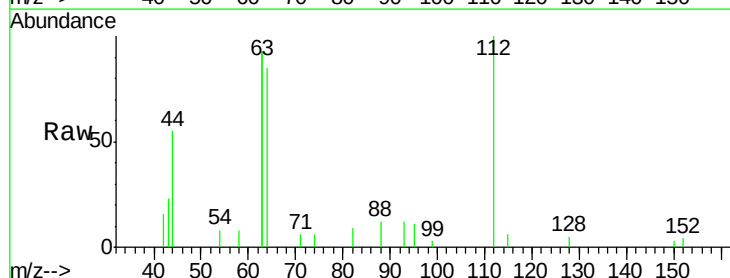
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

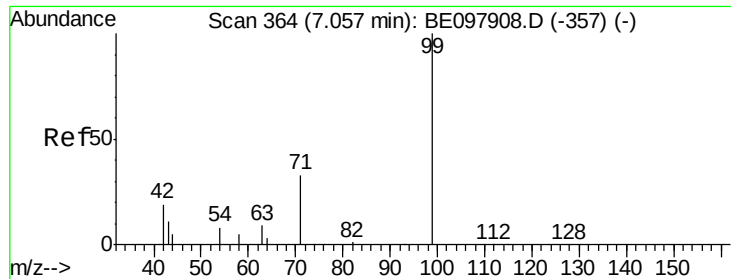
Tgt Ion: 42 Resp: 1739
 Ion Ratio Lower Upper
 42 100
 74 93.7 77.6 116.4
 44 16.3 7.6 11.4#



#4
 2-Fluorophenol
 Concen: 0.420 ng
 RT: 5.45 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

Tgt Ion: 112 Resp: 2861
 Ion Ratio Lower Upper
 112 100
 64 71.6 58.9 88.3
 63 156.8 120.3 180.5





#5

Phenol-d6

Concen: 0.443 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

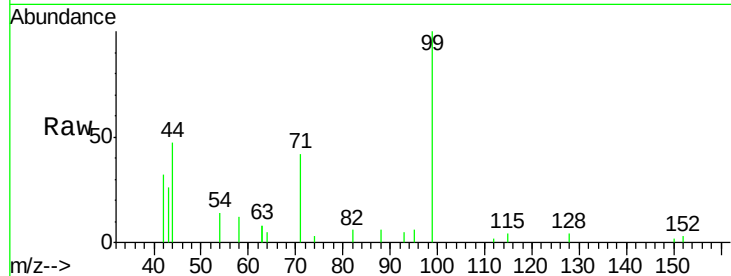
Tgt Ion: 99 Resp: 4462

Ion Ratio Lower Upper

99 100

42 29.1 19.9 29.9

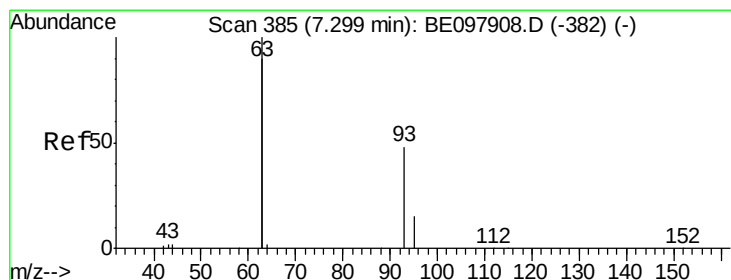
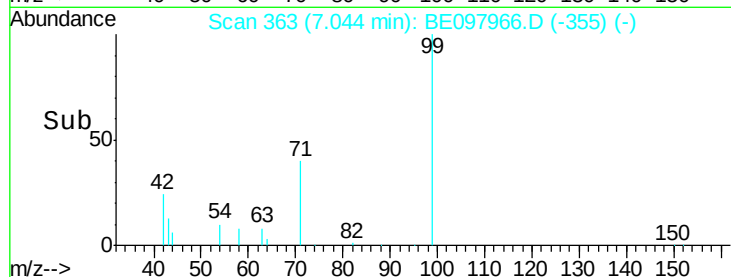
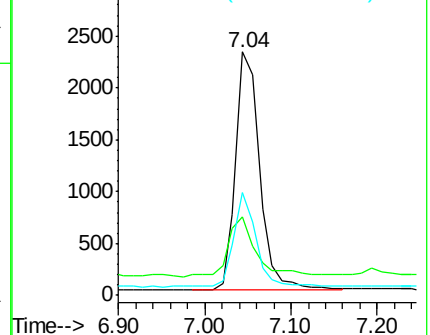
71 35.8 27.8 41.8



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: 0.414 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

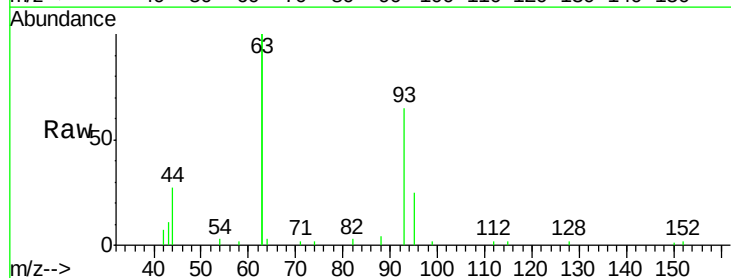
Tgt Ion: 93 Resp: 3542

Ion Ratio Lower Upper

93 100

63 331.2 259.0 388.4

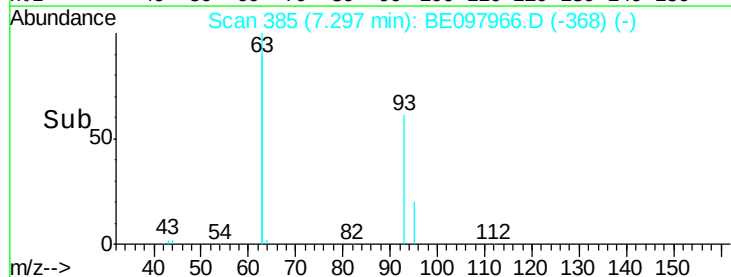
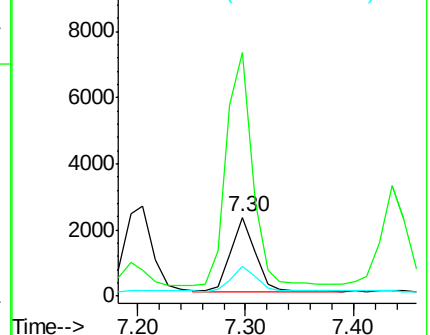
95 35.9 27.8 41.8

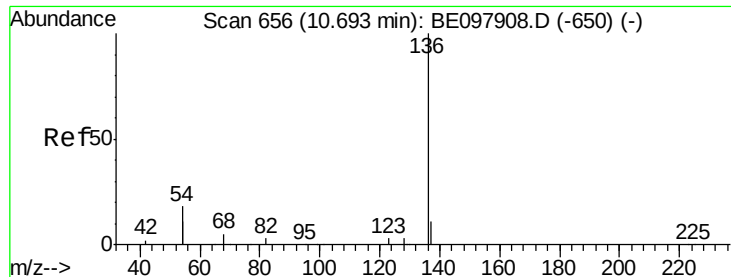


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 10532

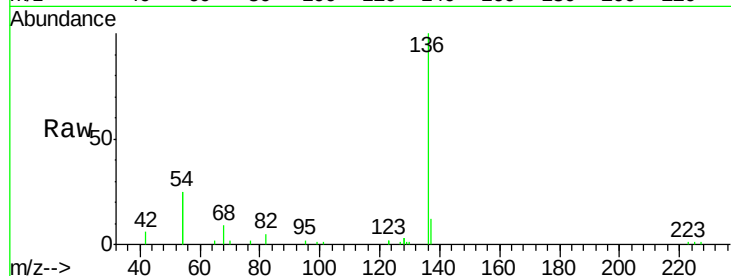
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 49.4 27.7 41.5#

68 8.8 5.3 7.9#

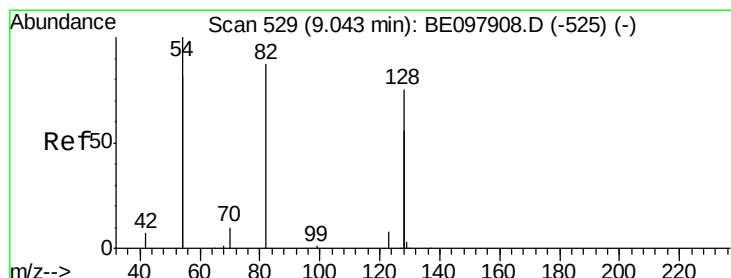
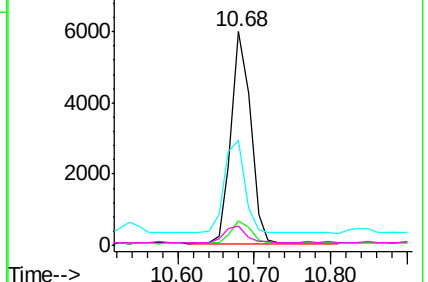
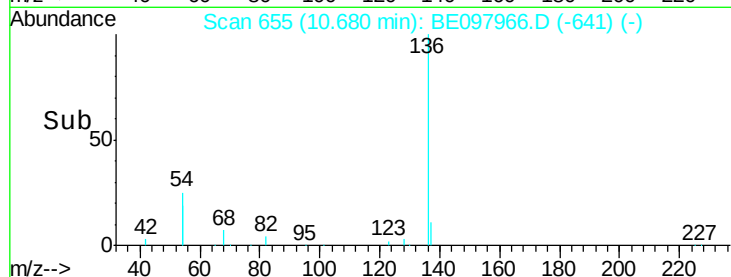


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

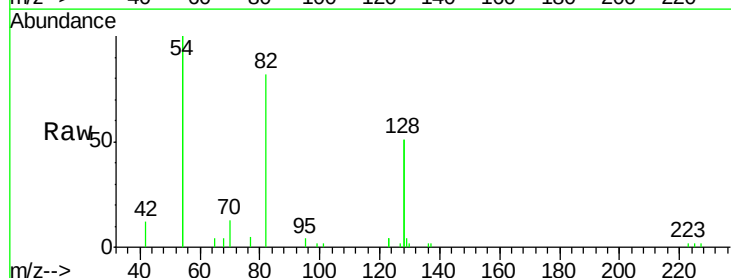
Tgt Ion: 82 Resp: 4071

Ion Ratio Lower Upper

82 100

128 125.3 129.9 194.9#

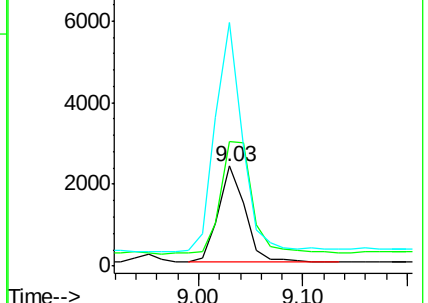
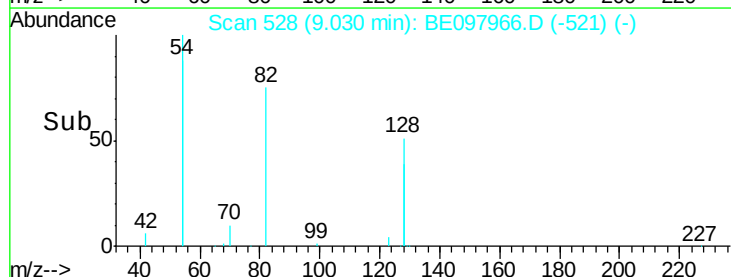
54 244.4 174.0 261.0

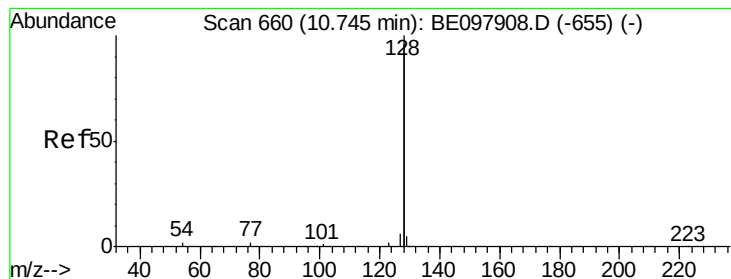


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.436 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

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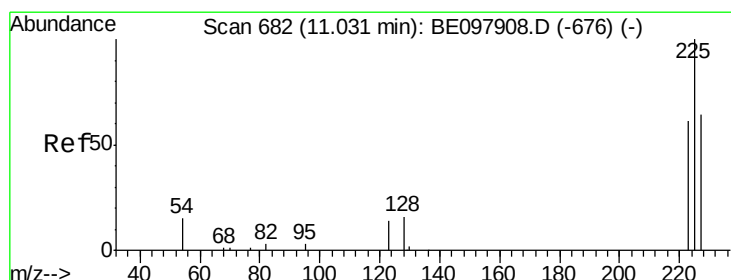
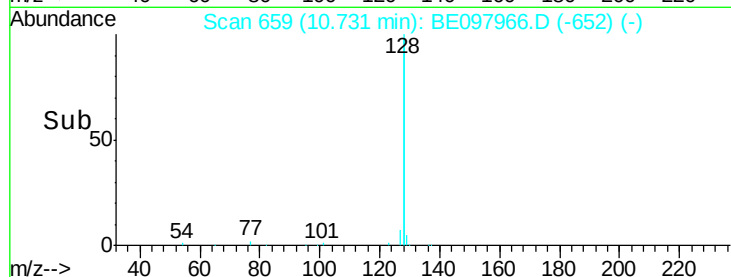
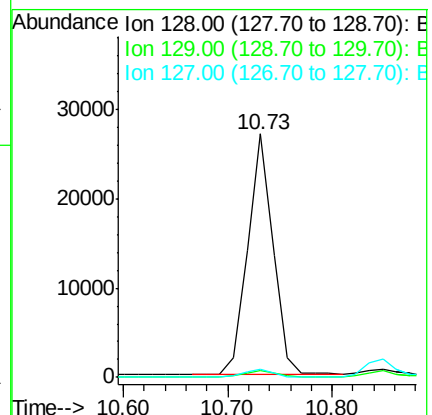
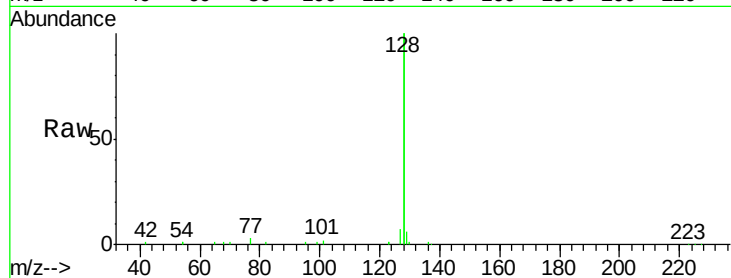
Tgt Ion:128 Resp: 45743

Ion Ratio Lower Upper

128 100

129 3.0 2.5 3.7

127 3.5 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.431 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

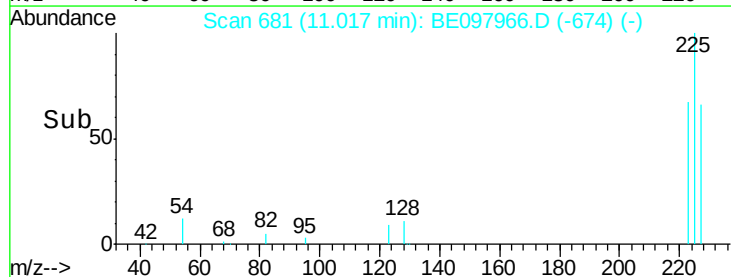
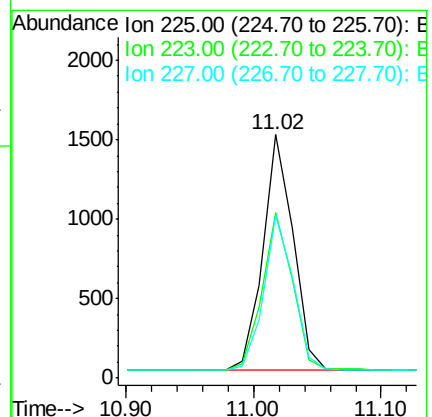
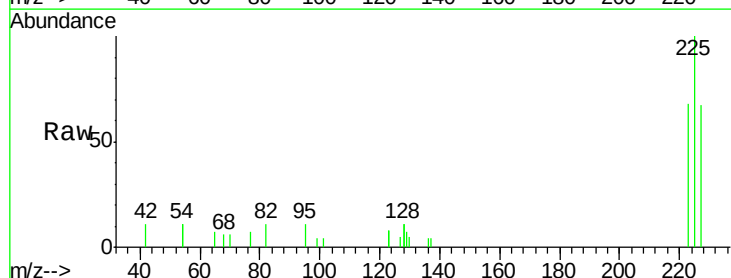
Tgt Ion:225 Resp: 2436

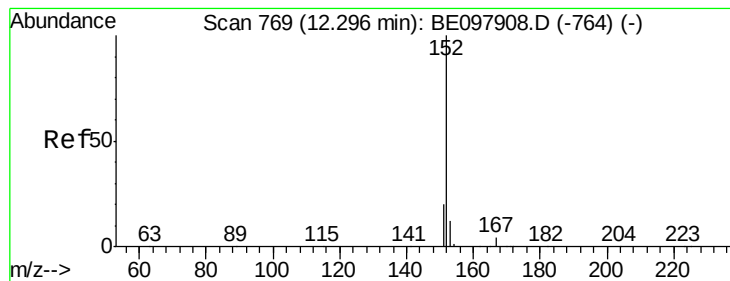
Ion Ratio Lower Upper

225 100

223 66.4 51.8 77.8

227 64.5 53.0 79.6





#11

2-Methylnaphthalene-d10

Concen: 0.449 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

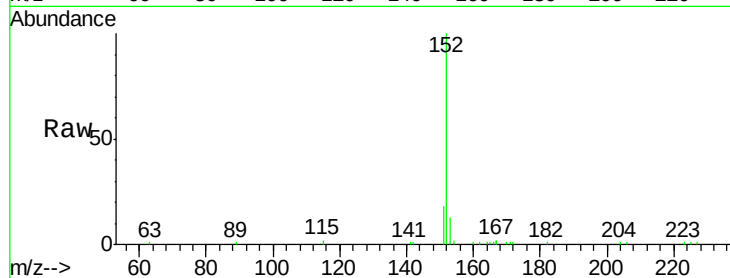
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7872

Ion Ratio Lower Upper

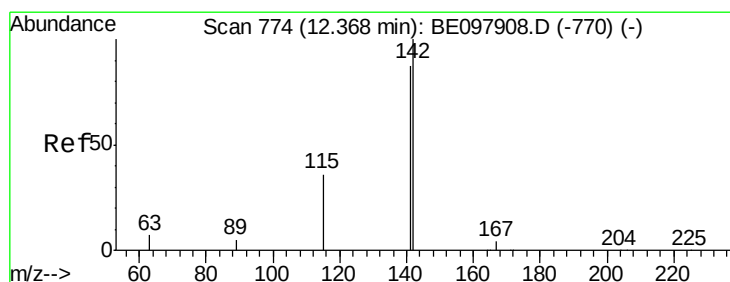
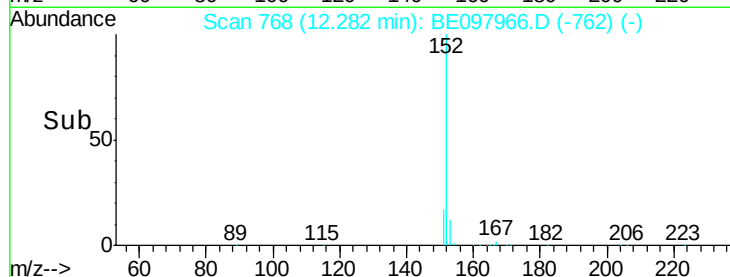
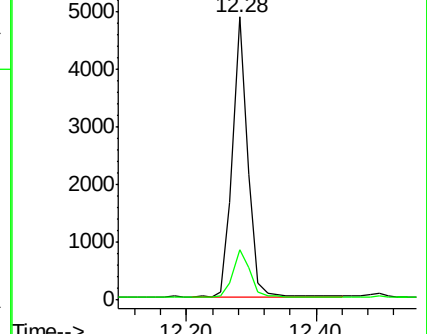
152 100

151 19.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.448 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

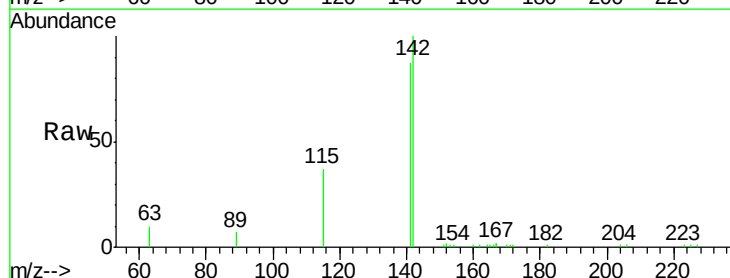
Tgt Ion:142 Resp: 8056

Ion Ratio Lower Upper

142 100

141 86.9 69.8 104.6

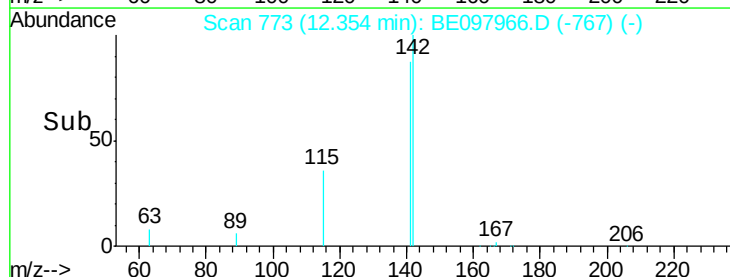
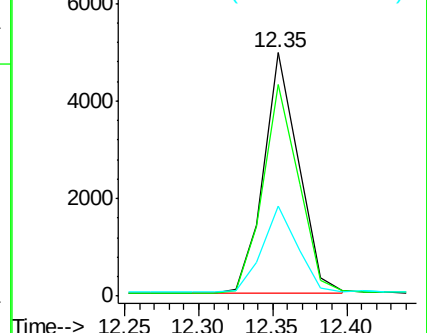
115 37.0 30.5 45.7

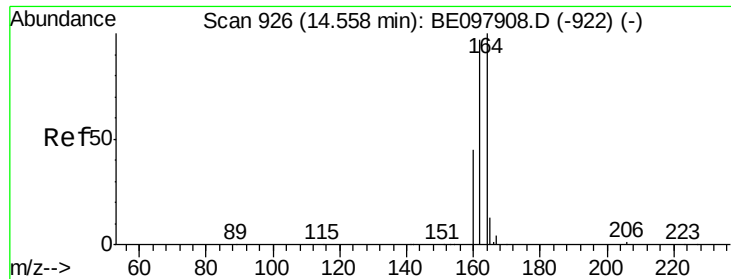


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

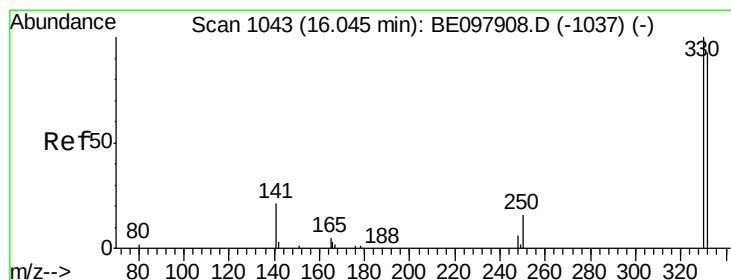
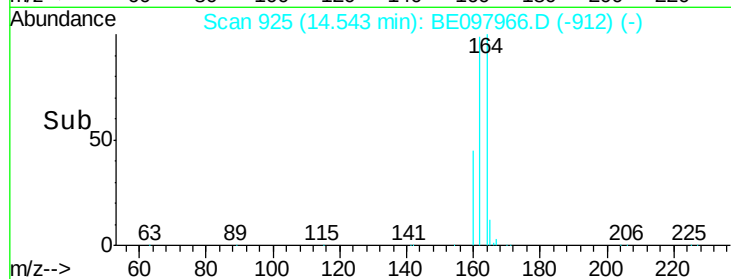
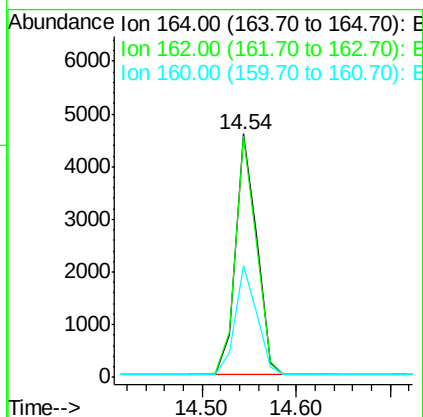
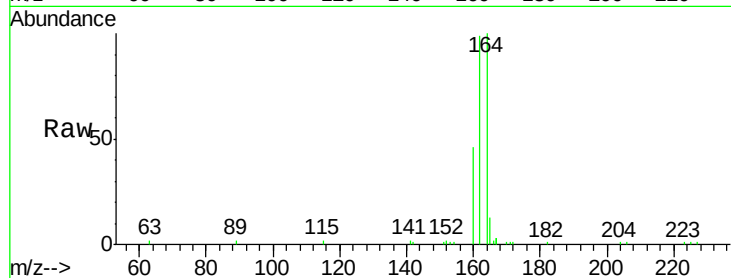




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

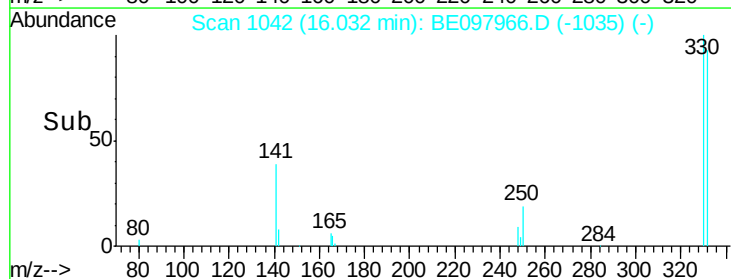
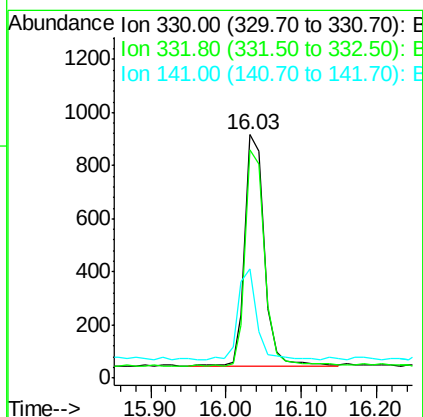
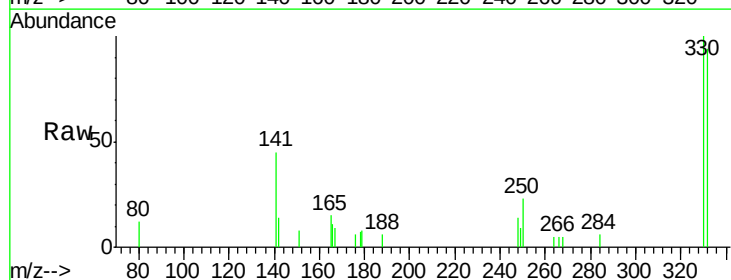
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

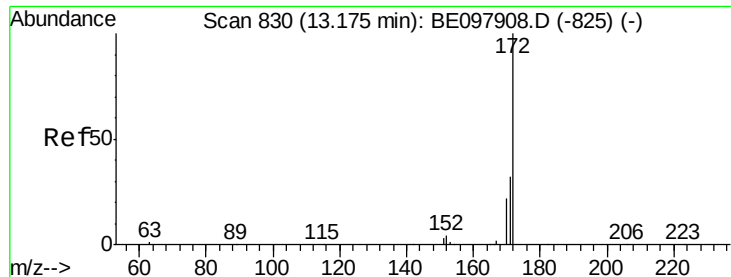
Tgt Ion:164 Resp: 7165
 Ion Ratio Lower Upper
 164 100
 162 98.9 77.4 116.2
 160 45.8 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.406 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

Tgt Ion:330 Resp: 1564
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.5 114.7
 141 39.3 31.8 47.6

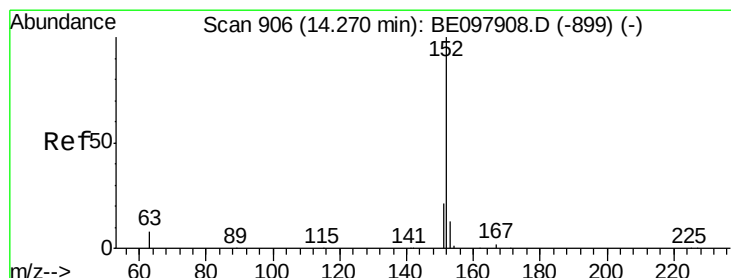
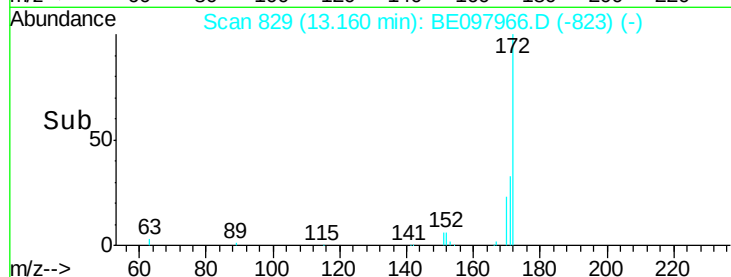
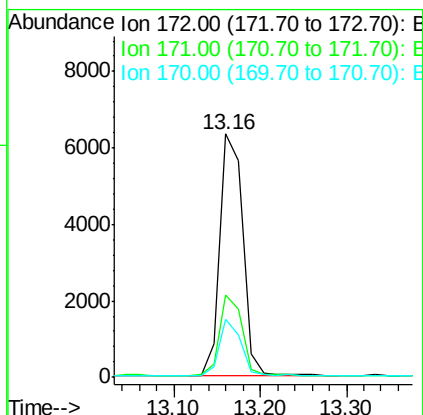
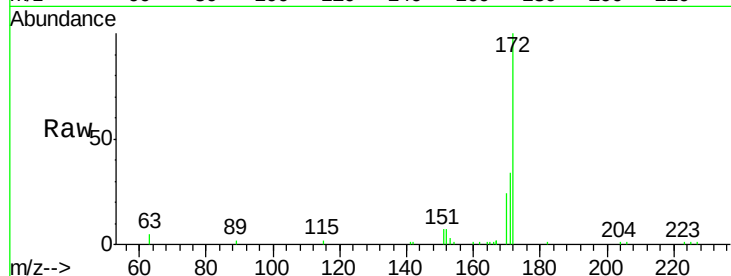




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097966.D
Acq: 18 Oct 2018 2:53

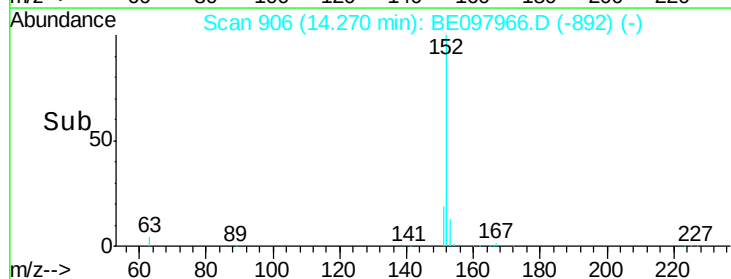
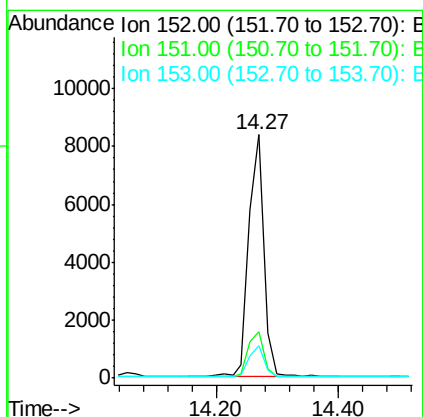
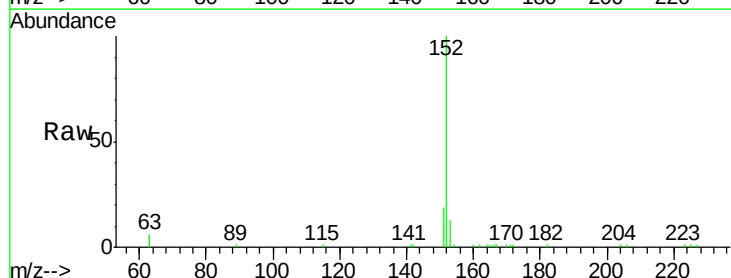
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

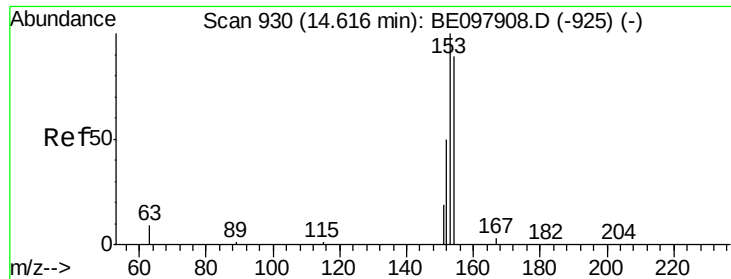
Tgt Ion:172 Resp: 11706
Ion Ratio Lower Upper
172 100
171 33.9 26.0 39.0
170 23.9 18.0 27.0



#16
Acenaphthylene
Concen: 0.428 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097966.D
Acq: 18 Oct 2018 2:53

Tgt Ion:152 Resp: 14164
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 12.8 10.9 16.3

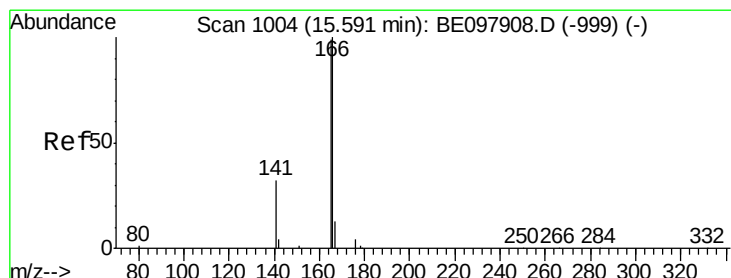
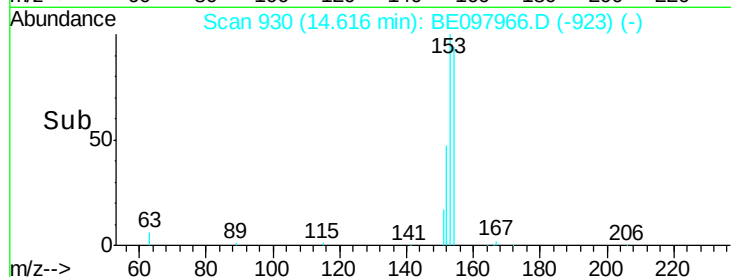
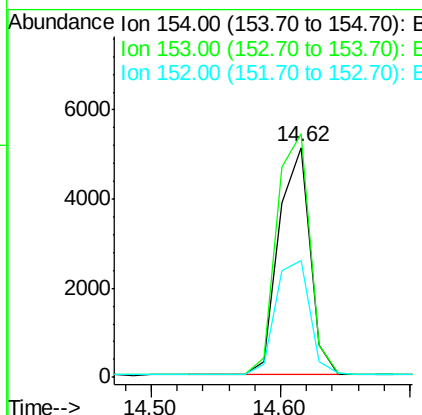
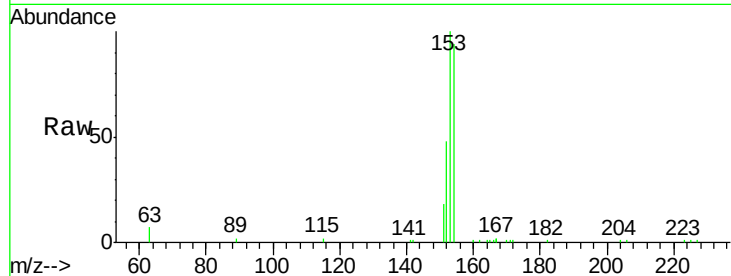




#17
Acenaphthene
Concen: 0.424 ng
RT: 14.62 min Scan# 930
Delta R.T. -0.00 min
Lab File: BE097966.D
Acq: 18 Oct 2018 2:53

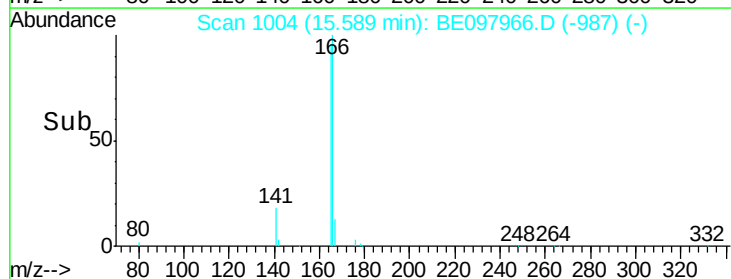
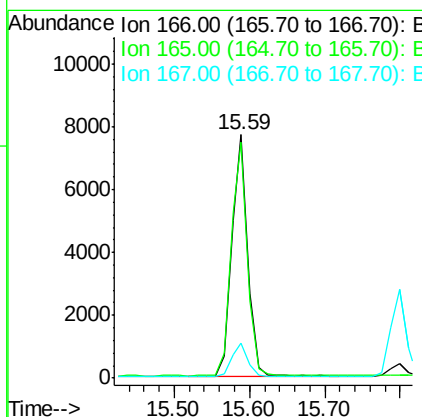
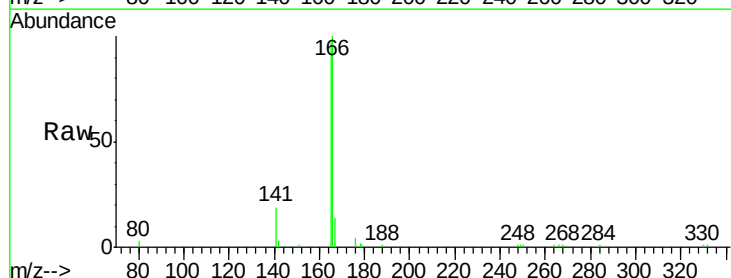
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

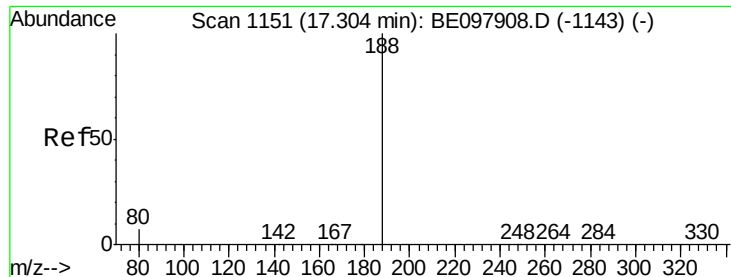
Tgt Ion:154 Resp: 8578
Ion Ratio Lower Upper
154 100
153 112.5 92.6 139.0
152 54.7 45.5 68.3



#18
Fluorene
Concen: 0.412 ng
RT: 15.59 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE097966.D
Acq: 18 Oct 2018 2:53

Tgt Ion:166 Resp: 11454
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.4
167 13.9 11.0 16.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

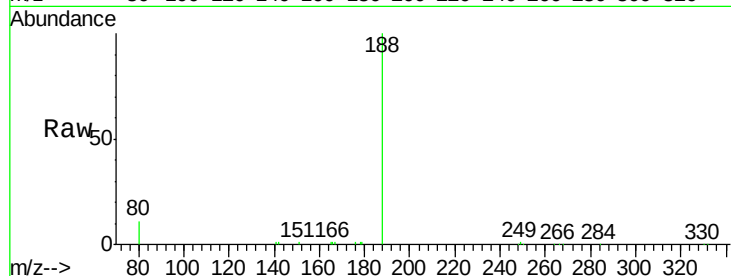
Tgt Ion:188 Resp: 17749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

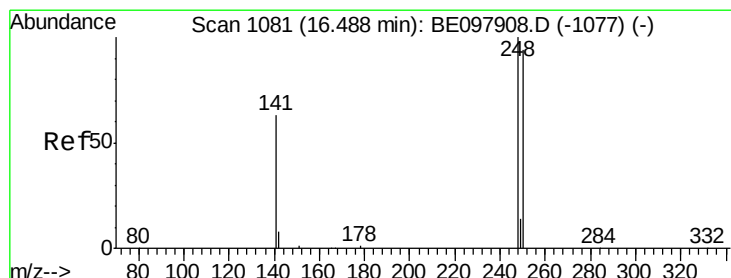
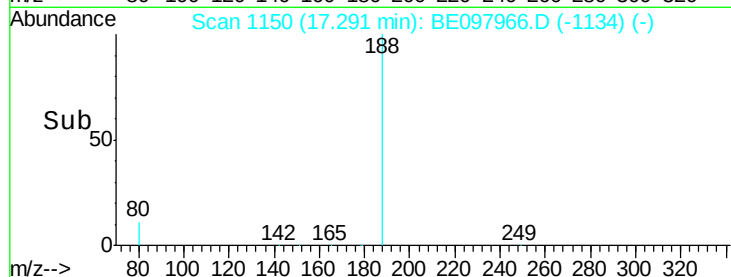
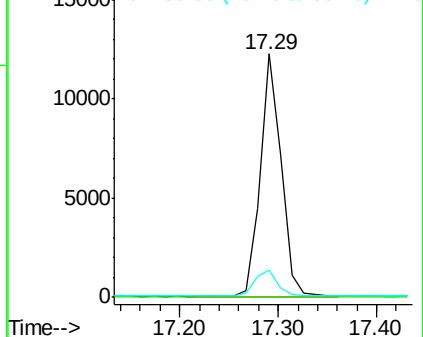
80 11.3 6.3 9.5#



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: 0.436 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

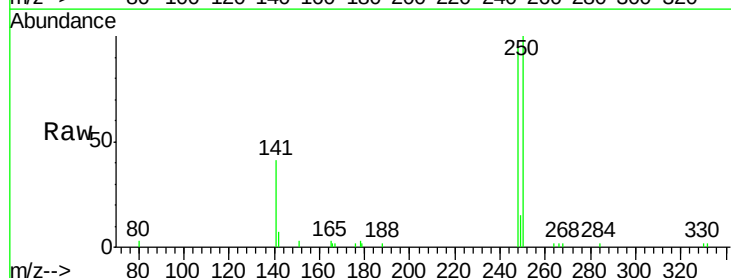
Tgt Ion:248 Resp: 4225

Ion Ratio Lower Upper

248 100

250 105.4 75.1 112.7

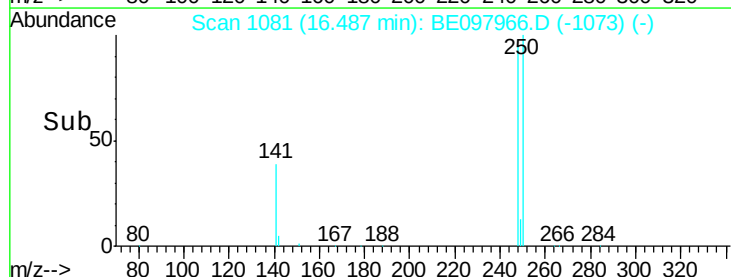
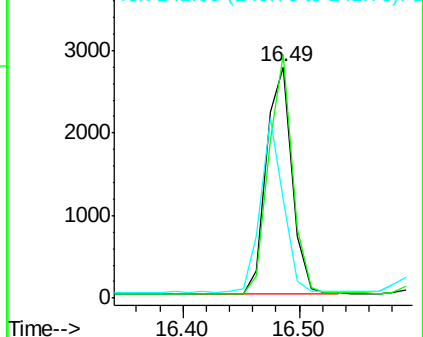
141 42.9 51.8 77.8#

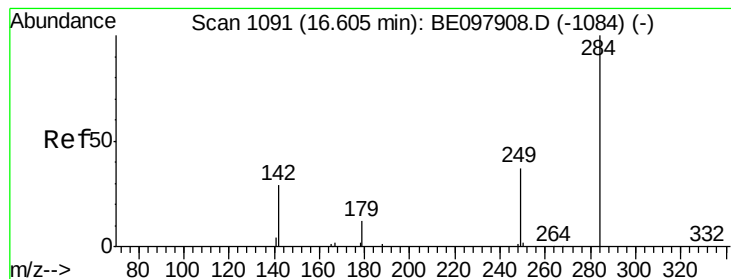


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.454 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

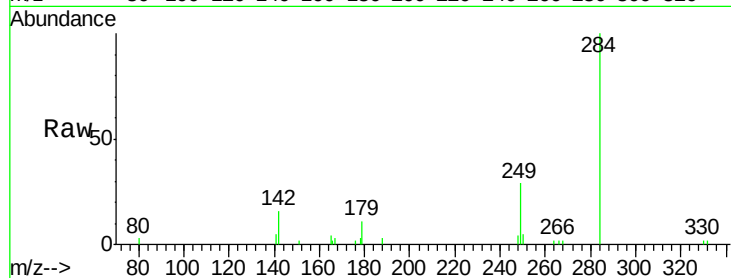
Tgt Ion:284 Resp: 4331

Ion Ratio Lower Upper

284 100

142 32.1 25.9 38.9

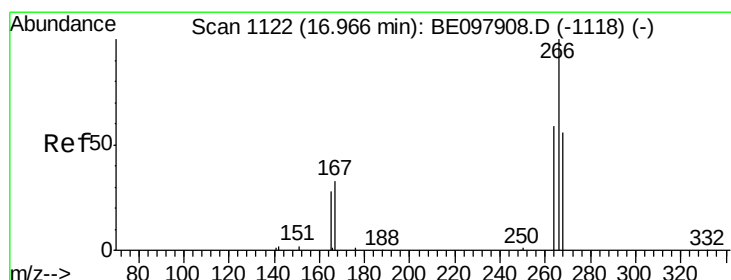
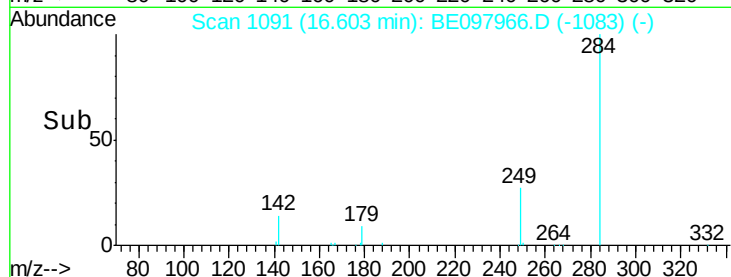
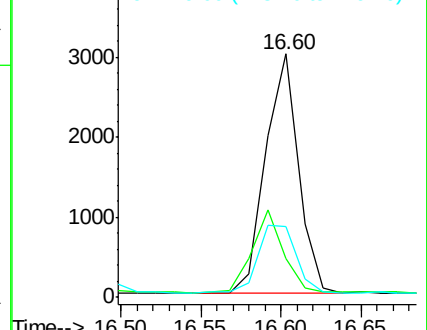
249 32.1 26.6 40.0



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: 0.623 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

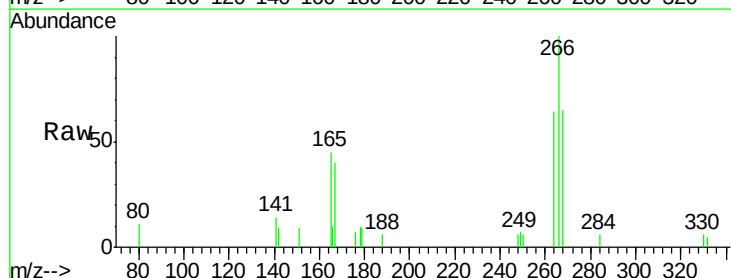
Tgt Ion:266 Resp: 1559

Ion Ratio Lower Upper

266 100

264 64.4 51.3 76.9

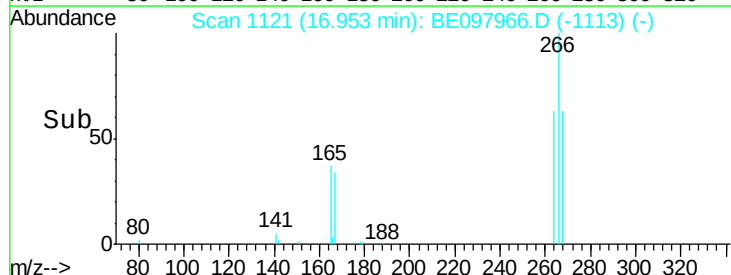
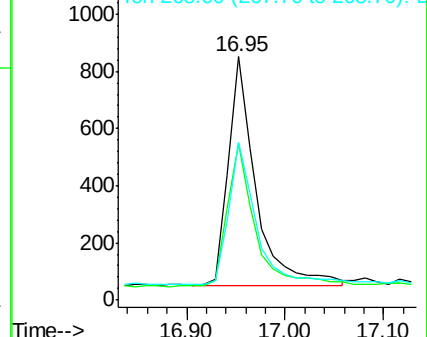
268 64.9 50.1 75.1

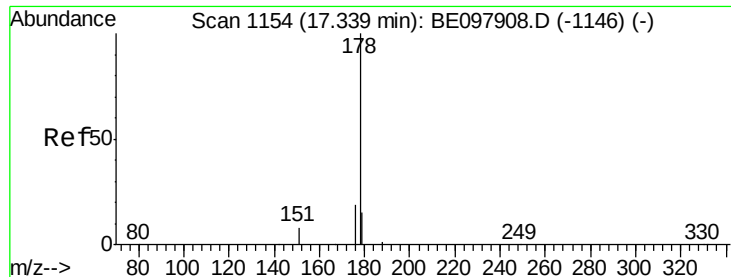


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.423 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

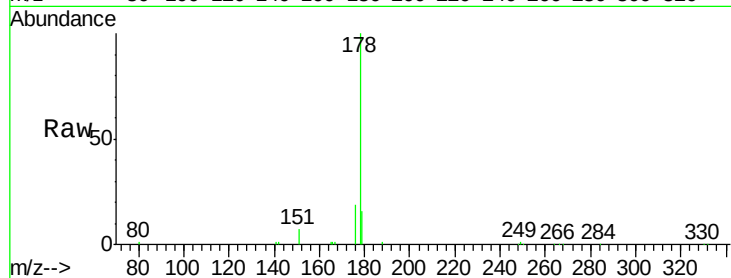
Tgt Ion:178 Resp: 19078

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

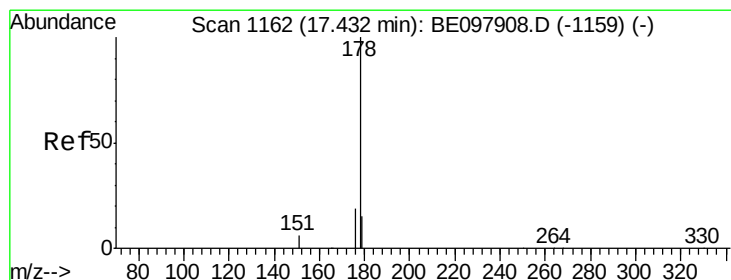
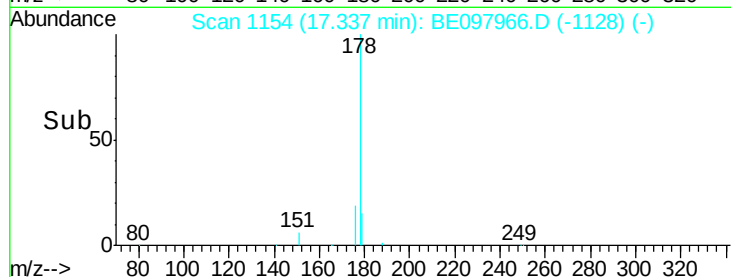
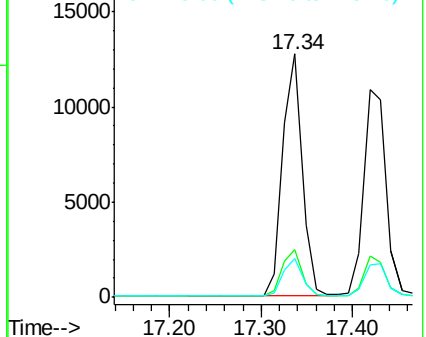
179 15.8 12.2 18.4



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: 0.429 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

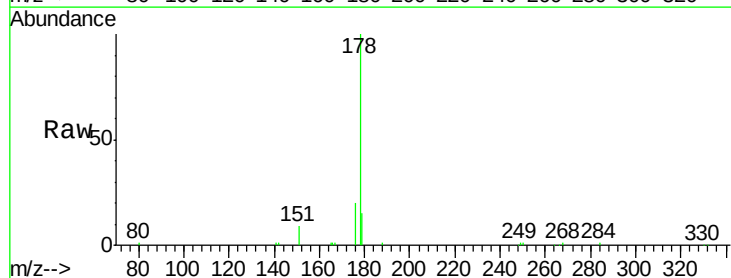
Tgt Ion:178 Resp: 18283

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

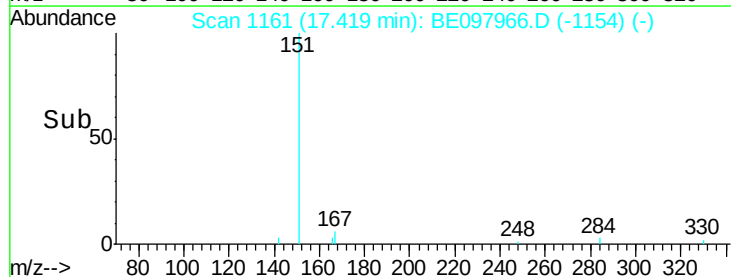
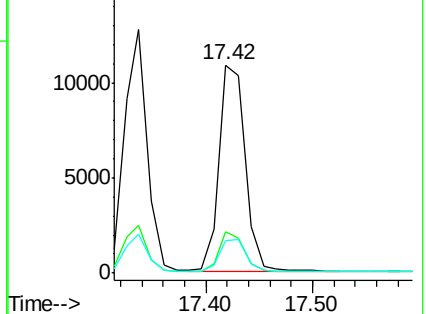
179 15.7 11.9 17.9

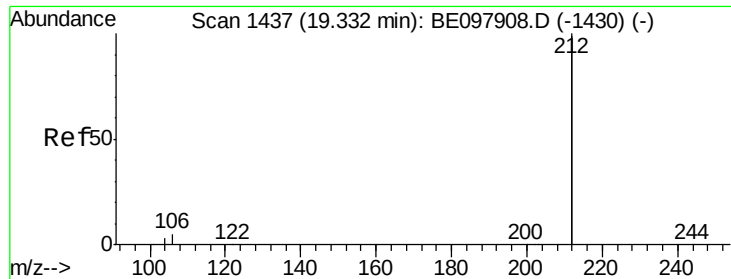


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

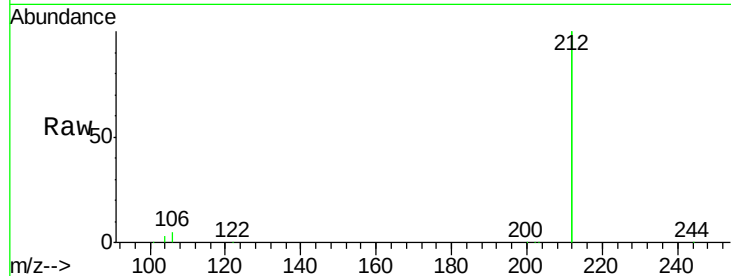
Tgt Ion:212 Resp: 97408

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

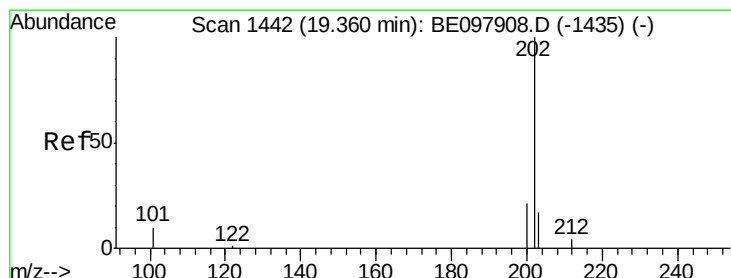
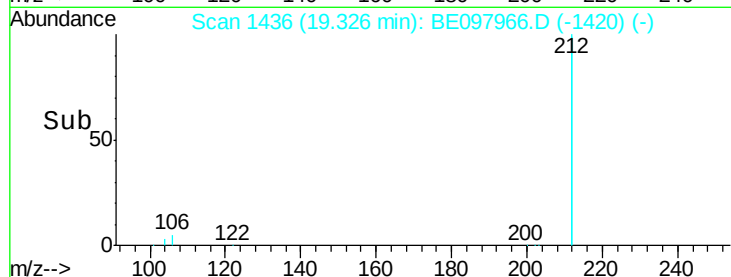
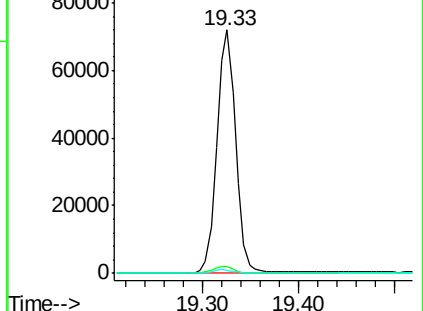
104 1.6 1.3 1.9



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: 0.406 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

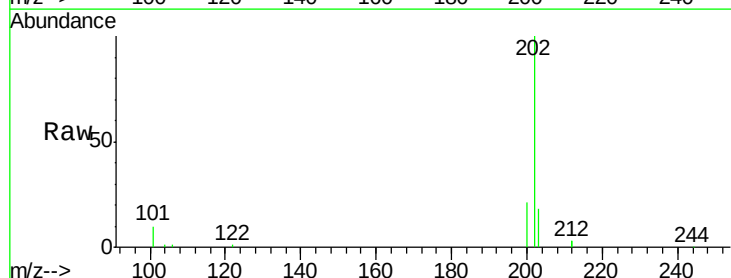
Tgt Ion:202 Resp: 24022

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

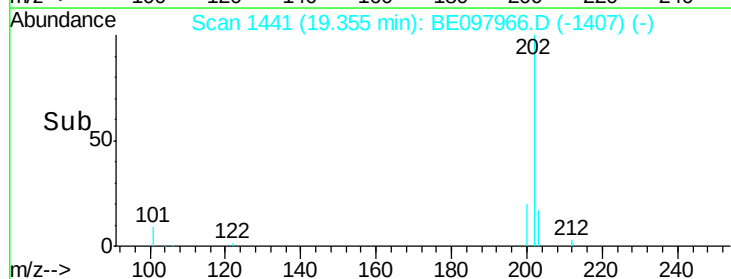
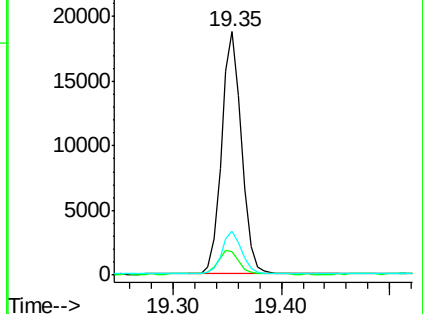
203 17.2 15.0 22.4

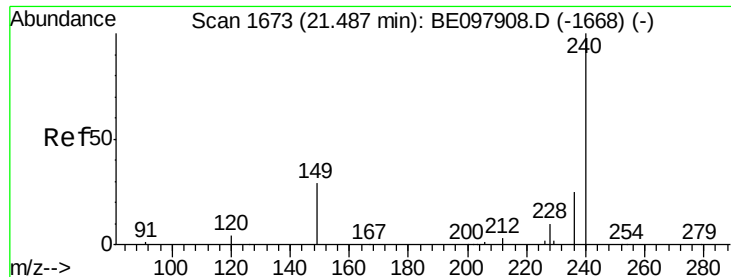


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

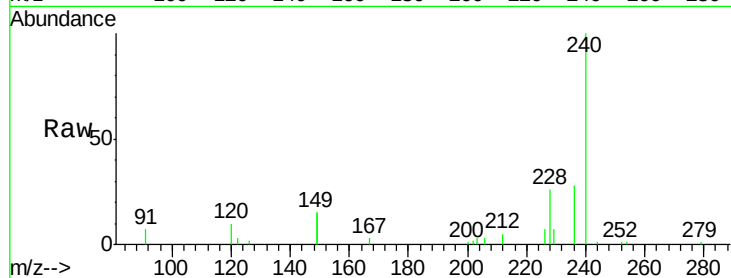
Tgt Ion:240 Resp: 20385

Ion Ratio Lower Upper

240 100

120 10.3 7.1 10.7

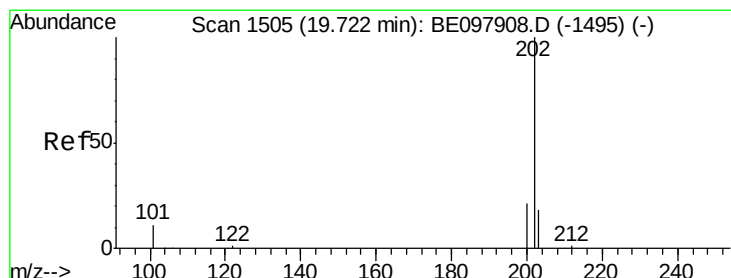
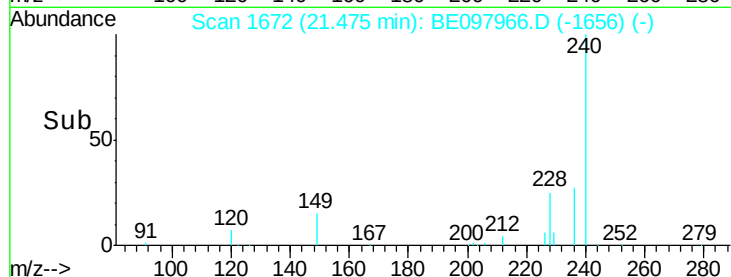
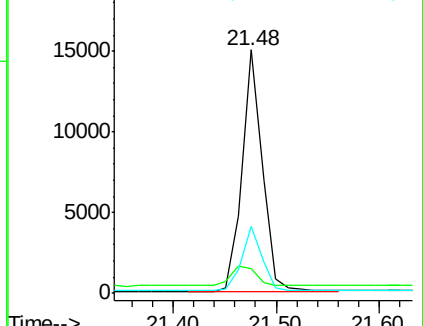
236 27.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.435 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

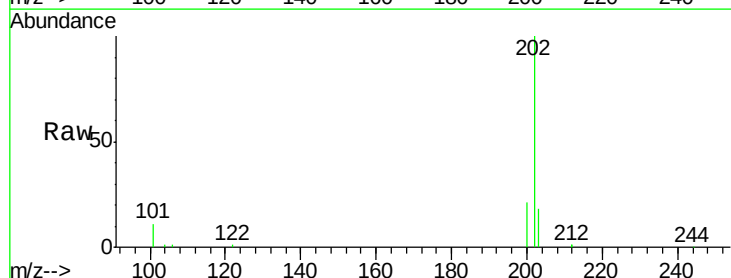
Tgt Ion:202 Resp: 25568

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

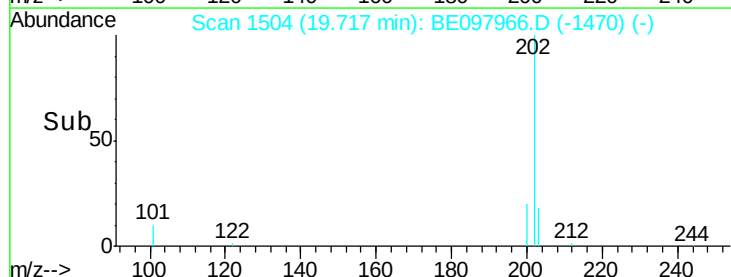
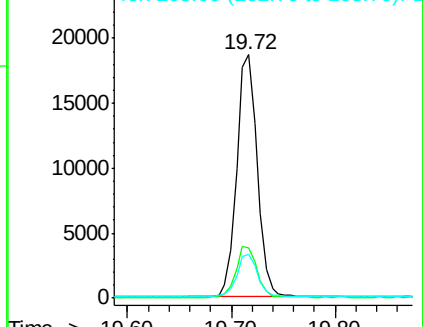
203 17.4 14.2 21.4

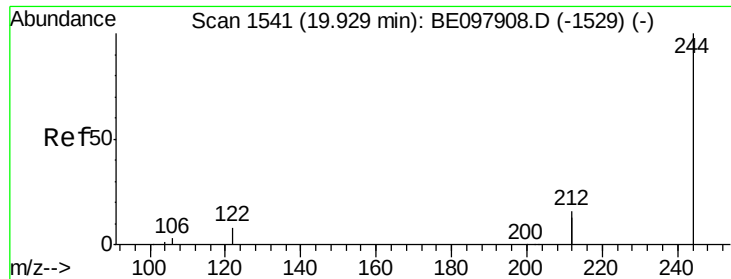


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

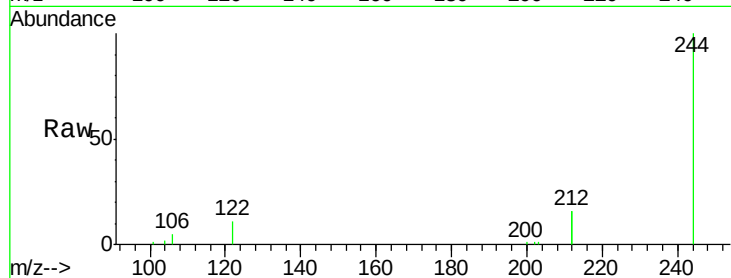
Tgt Ion:244 Resp: 19542

Ion Ratio Lower Upper

244 100

212 32.1 26.2 39.2

122 11.5 7.7 11.5

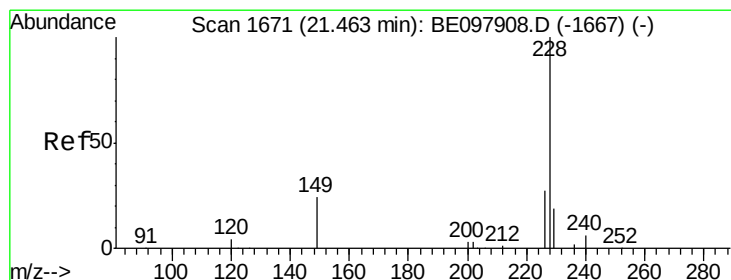
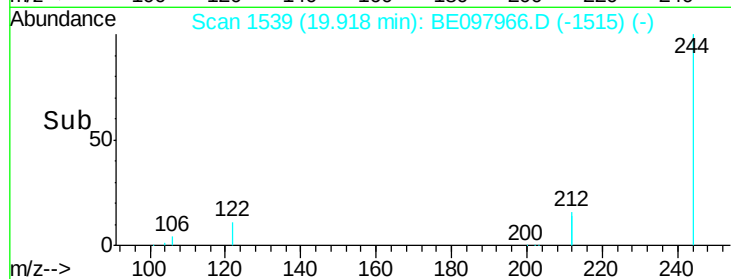
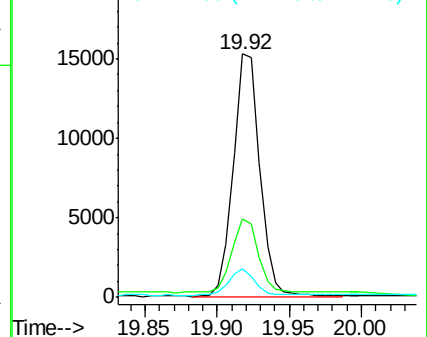


Abundance

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: 0.424 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

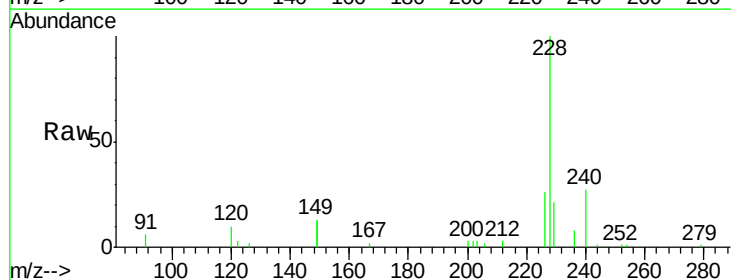
Tgt Ion:228 Resp: 26485

Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

229 21.2 16.9 25.3

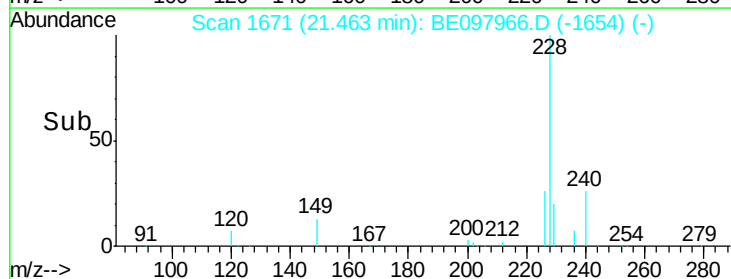
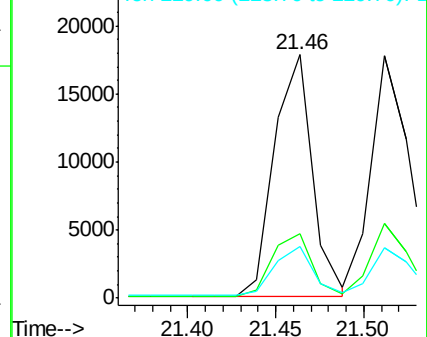


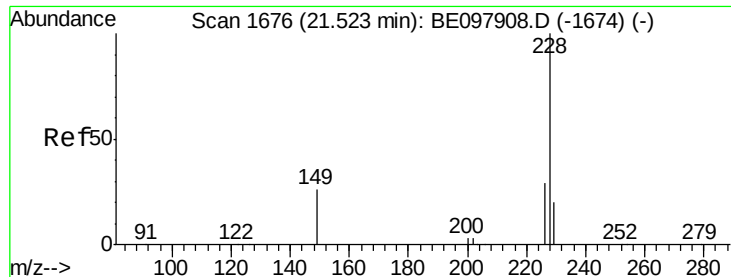
Abundance

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: 0.435 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

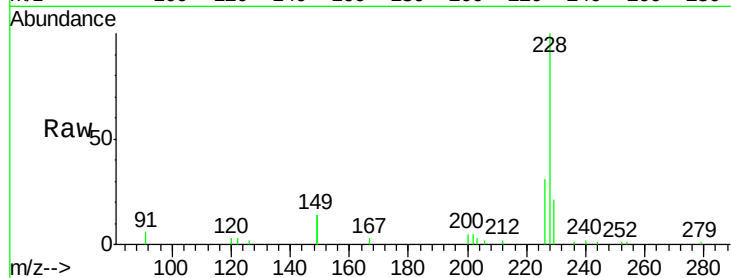
Tgt Ion:228 Resp: 25783

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

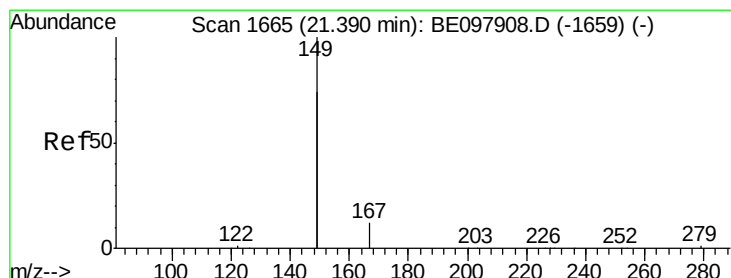
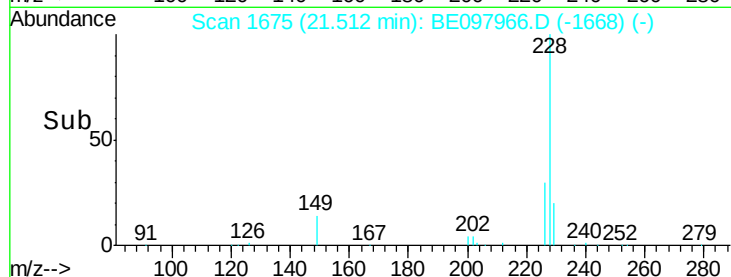
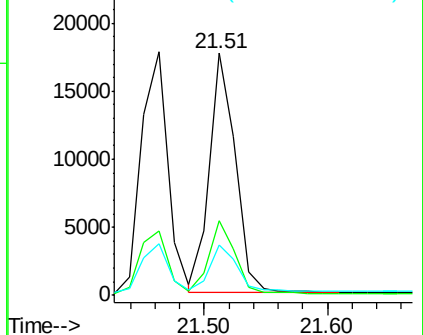
229 20.8 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.455 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

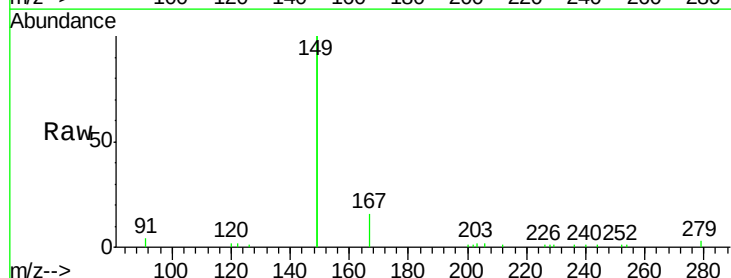
Tgt Ion:149 Resp: 63982

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

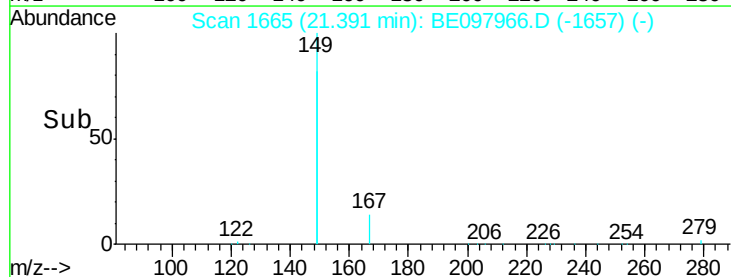
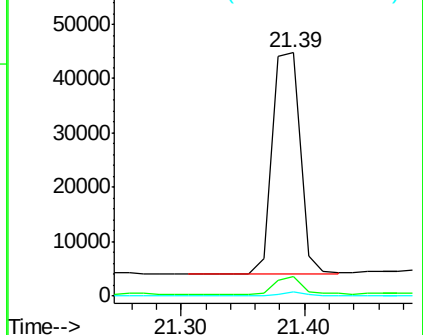
279 1.1 0.9 1.3

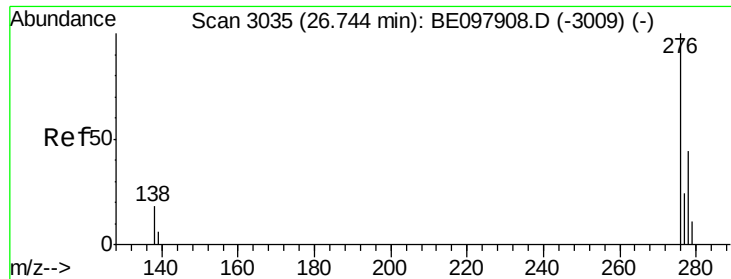


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

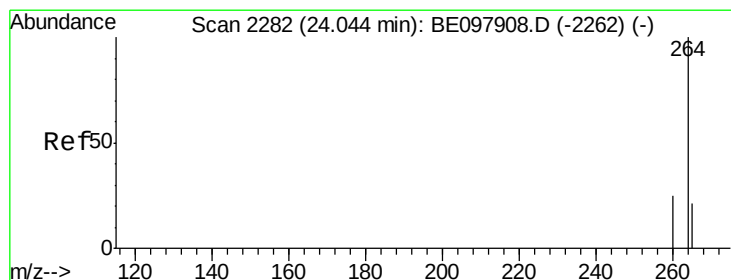
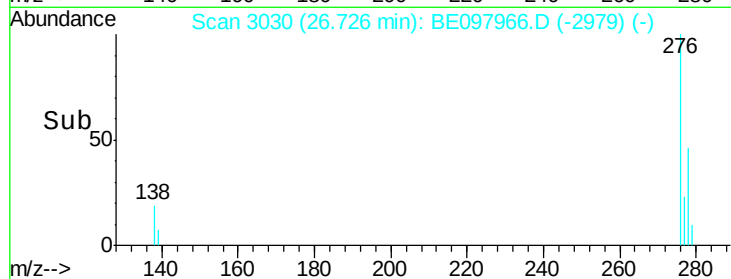
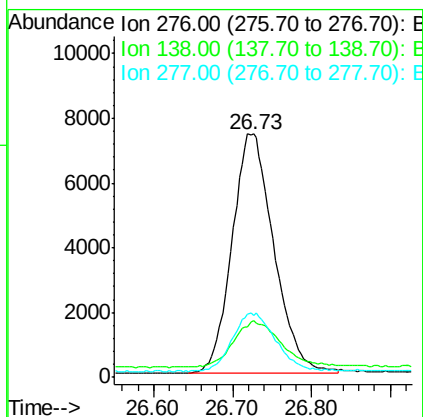
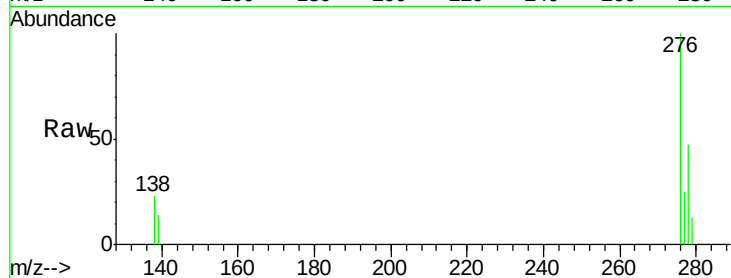




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.422 ng
 RT: 26.73 min Scan# 3030
 Delta R.T. -0.02 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

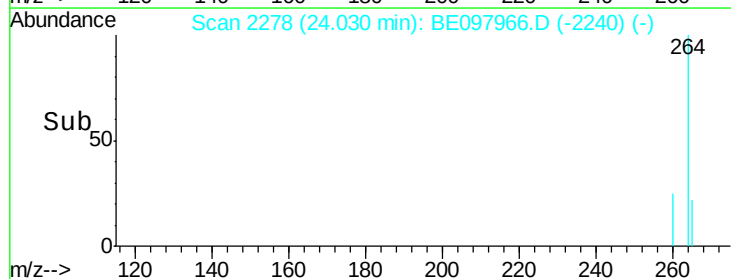
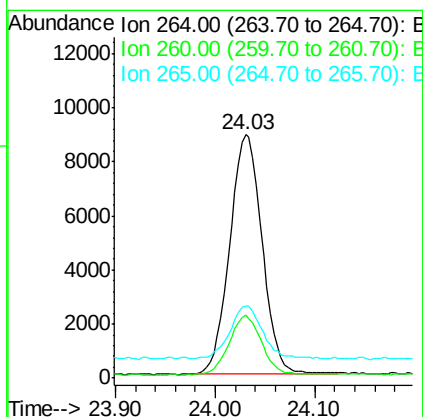
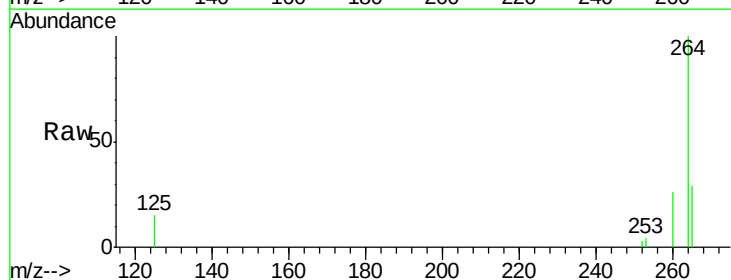
Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

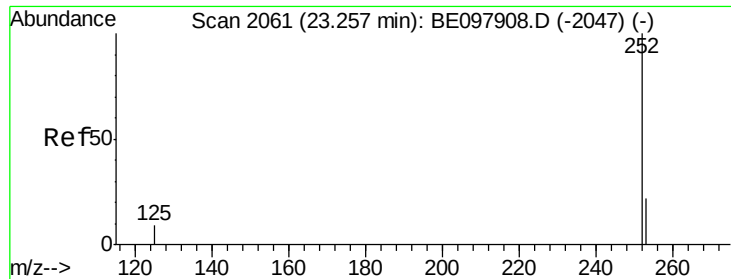
Tgt Ion: 276 Resp: 27151
 Ion Ratio Lower Upper
 276 100
 138 21.6 17.0 25.6
 277 25.3 20.5 30.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BE097966.D
 Acq: 18 Oct 2018 2:53

Tgt Ion: 264 Resp: 20069
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.1 31.7
 265 29.4 29.2 43.8





#35

Benzo(b)fluoranthene

Concen: 0.421 ng

RT: 23.25 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

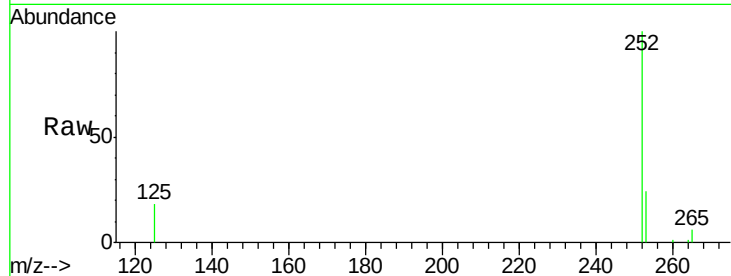
Tgt Ion: 252 Resp: 24333

Ion Ratio Lower Upper

252 100

253 23.9 20.6 31.0

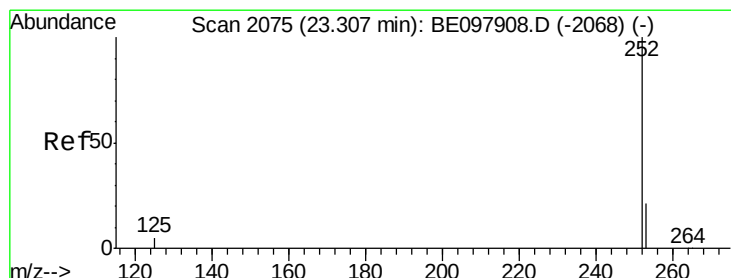
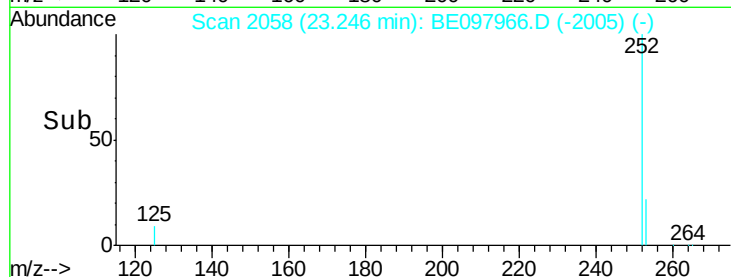
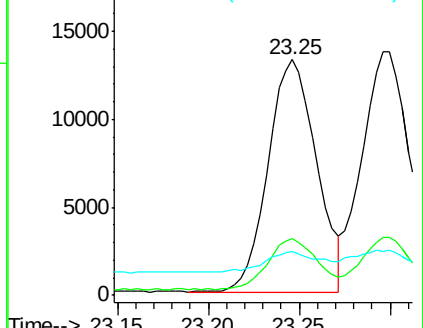
125 18.4 14.3 21.5



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



#36

Benzo(k)fluoranthene

Concen: 0.418 ng

RT: 23.30 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

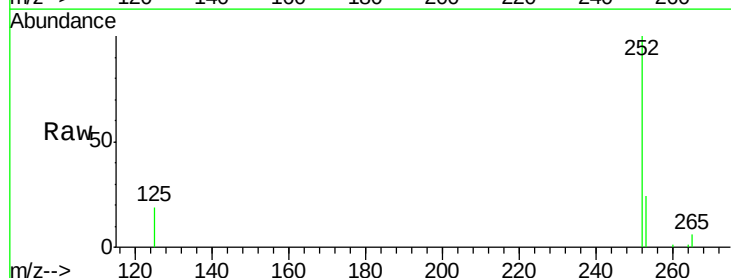
Tgt Ion: 252 Resp: 25165

Ion Ratio Lower Upper

252 100

253 23.9 20.4 30.6

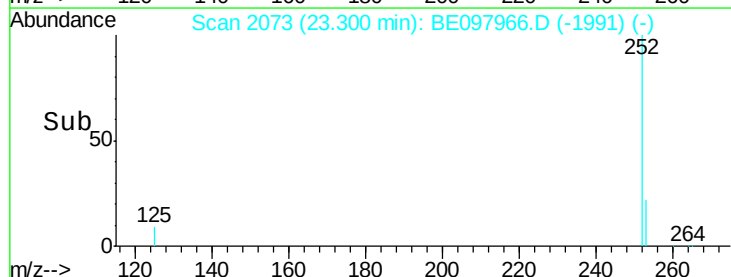
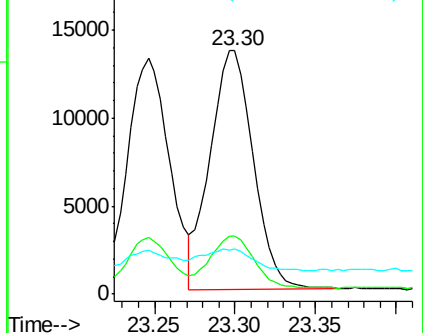
125 18.5 14.6 21.8

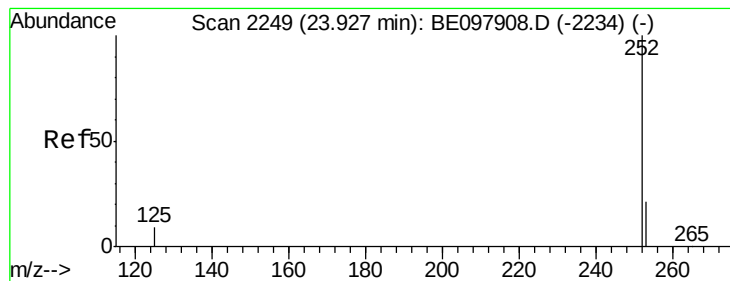


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.426 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

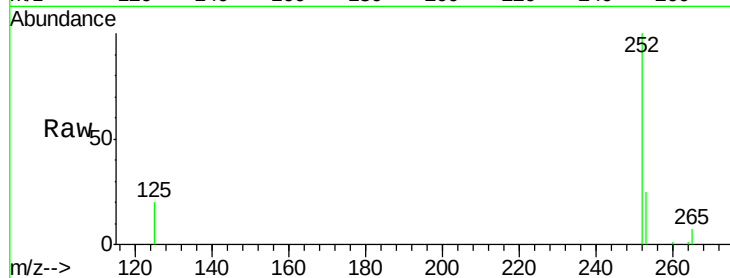
Tgt Ion:252 Resp: 23955

Ion Ratio Lower Upper

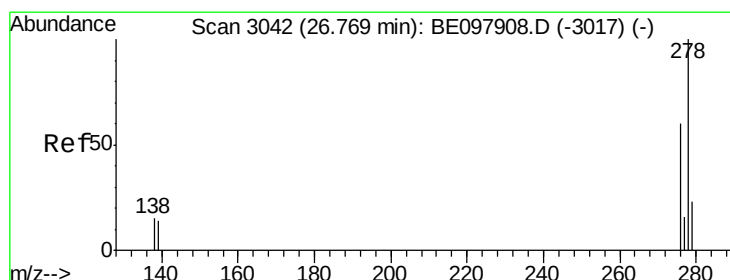
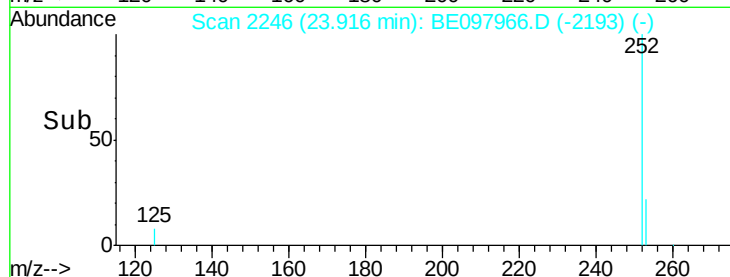
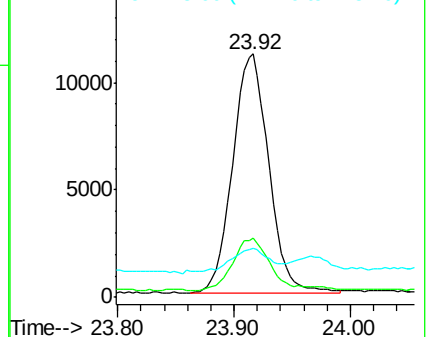
252 100

253 24.5 20.6 31.0

125 20.0 15.6 23.4



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



#38

Dibenzo(a,h)anthracene

Concen: 0.417 ng

RT: 26.75 min Scan# 3037

Delta R.T. -0.02 min

Lab File: BE097966.D

Acq: 18 Oct 2018 2:53

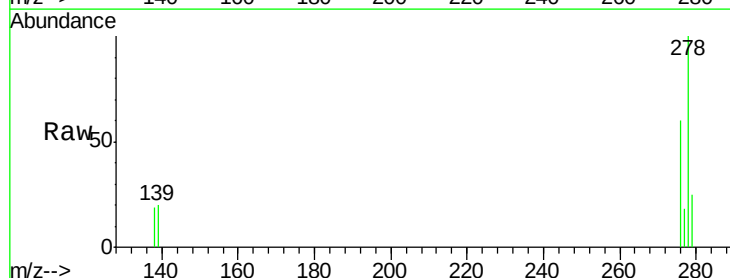
Tgt Ion:278 Resp: 22997

Ion Ratio Lower Upper

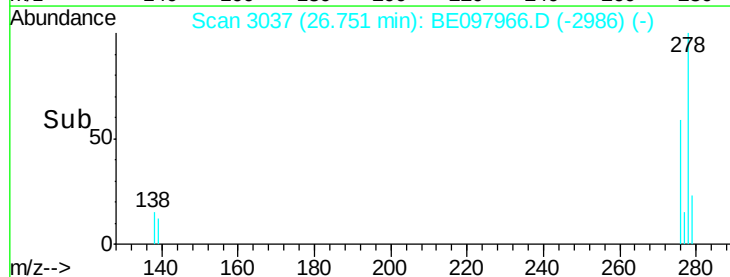
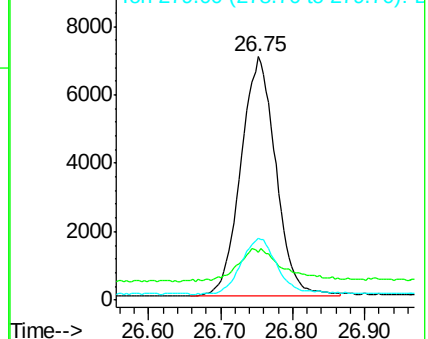
278 100

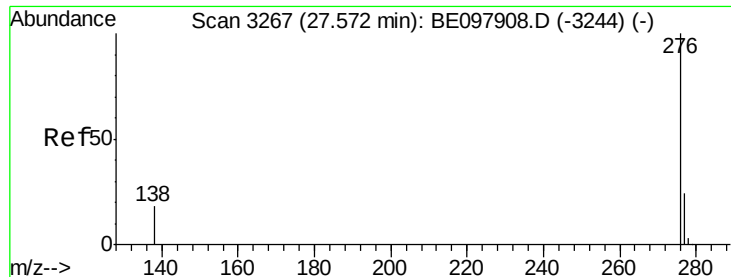
139 19.9 16.3 24.5

279 25.5 21.4 32.2



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: 0.404 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.02 min

Lab File: BE097966.D

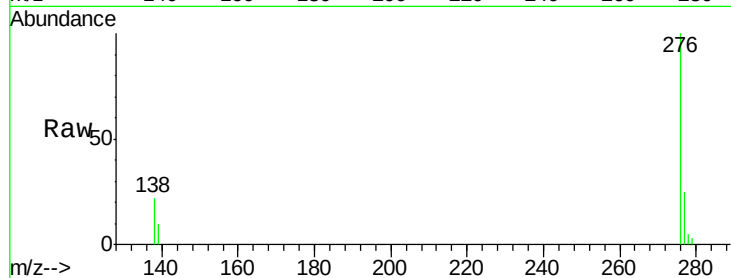
Acq: 18 Oct 2018 2:53

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



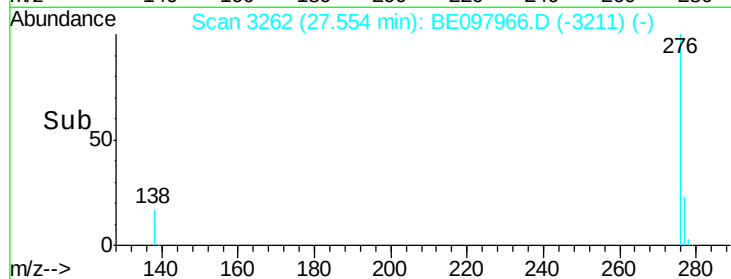
Tgt Ion: 276 Resp: 22787

Ion Ratio Lower Upper

276 100

277 25.5 22.1 33.1

138 22.1 19.3 28.9



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

