

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097907.D
 Acq On : 16 Oct 2018 12:37
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 16 13:51:32 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 13:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1600	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7086	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	4308	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	11741	0.40	ng	0.00
27) Chrysene-d12	21.49	240	16373	0.40	ng	0.00
34) Perylene-d12	24.04	264	16588	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1095	0.29	ng	0.00
5) Phenol-d6	7.05	99	1525	0.26	ng	0.00
8) Nitrobenzene-d5	9.04	82	1308	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2339	0.21	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	489	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	3987	0.21	ng	0.00
25) Fluoranthene-d10	19.33	212	33517	0.23	ng	0.00
29) Terphenyl-d14	19.93	244	7414	0.22	ng	0.00

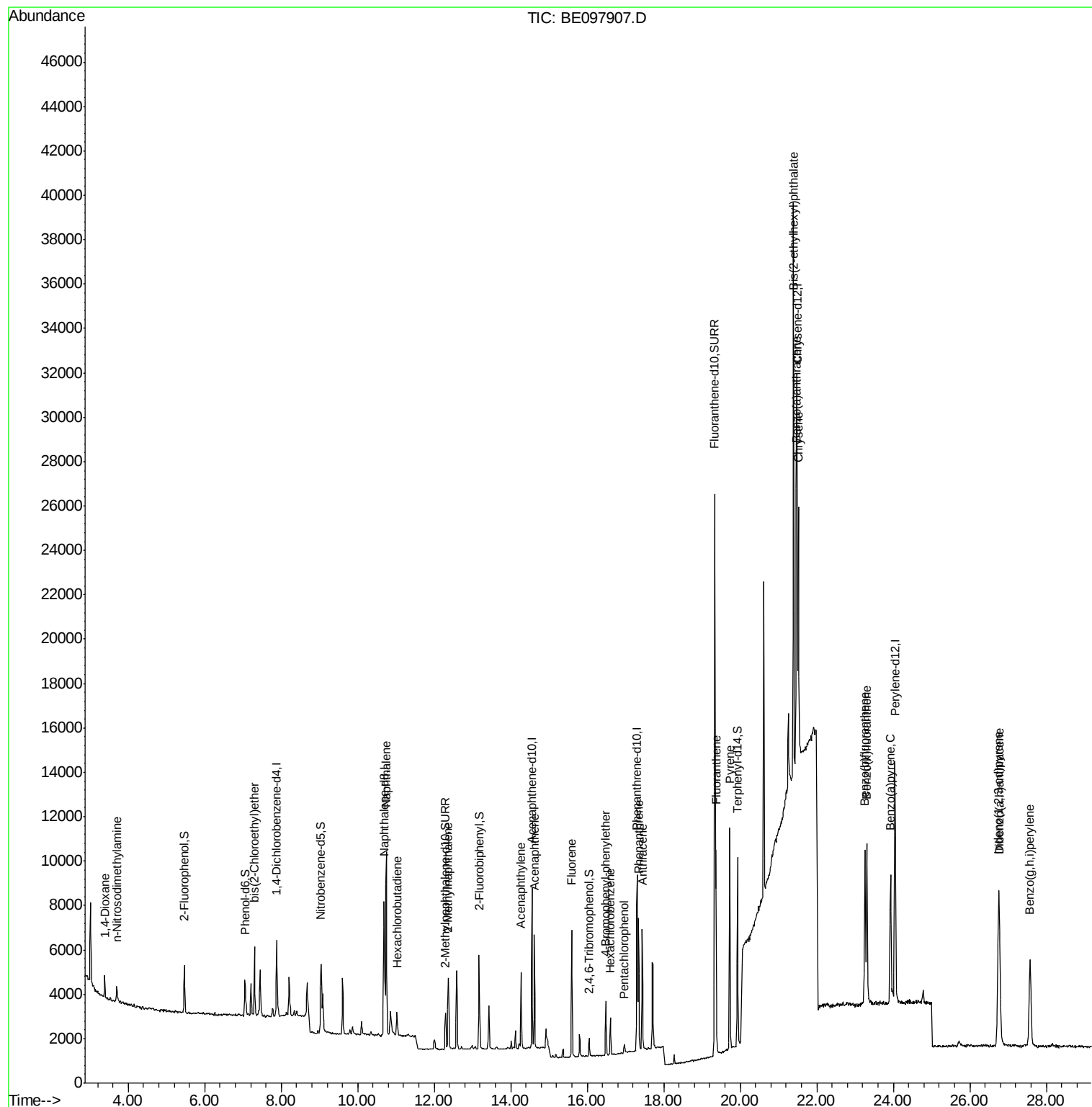
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	639	0.200	ng	90
3) n-Nitrosodimethylamine	3.70	42	630	0.217	ng	# 92
6) bis(2-Chloroethyl)ether	7.31	93	1293	0.215	ng	97
9) Naphthalene	10.74	128	14397	0.202	ng	99
10) Hexachlorobutadiene	11.03	225	748	0.197	ng	99
12) 2-Methylnaphthalene	12.37	142	2342	0.205	ng	97
16) Acenaphthylene	14.27	152	4154	0.218	ng	97
17) Acenaphthene	14.61	154	2552	0.209	ng	97
18) Fluorene	15.59	166	3480	0.214	ng	98
20) 4-Bromophenyl-phenylether	16.49	248	1256	0.204	ng	90
21) Hexachlorobenzene	16.60	284	1269	0.183	ng	96
22) Pentachlorophenol	16.97	266	296	0.272	ng	# 89
23) Phenanthrene	17.34	178	6088	0.201	ng	100
24) Anthracene	17.43	178	5674	0.217	ng	99
26) Fluoranthene	19.36	202	8204	0.213	ng	99
28) Pyrene	19.72	202	8991	0.216	ng	99
30) Benzo(a)anthracene	21.46	228	10633	0.242	ng	96
31) Chrysene	21.52	228	9718	0.197	ng	97
32) Bis(2-ethylhexyl)phthalate	21.39	149	27861	0.865	ng	100
33) Indeno(1,2,3-cd)pyrene	26.75	276	11341	0.265	ng	99
35) Benzo(b)fluoranthene	23.26	252	9729	0.214	ng	# 88
36) Benzo(k)fluoranthene	23.31	252	10162	0.201	ng	# 88
37) Benzo(a)pyrene	23.93	252	9722	0.236	ng	# 84
38) Dibenzo(a,h)anthracene	26.77	278	9164	0.226	ng	# 87
39) Benzo(g,h,i)perylene	27.58	276	9598	0.226	ng	94

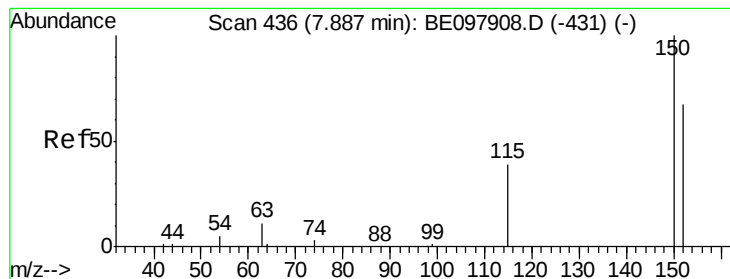
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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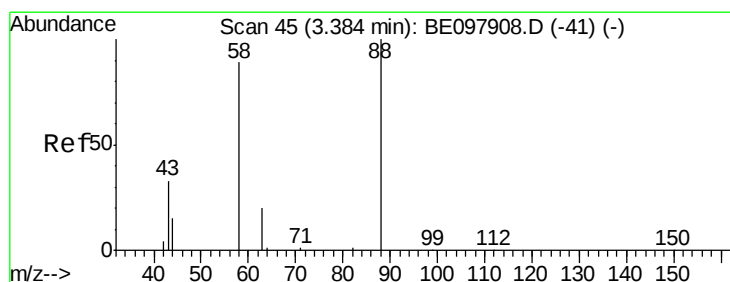
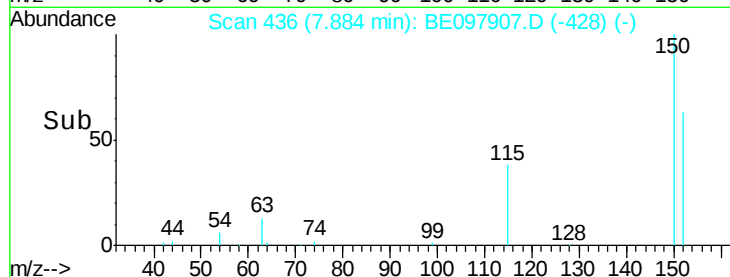
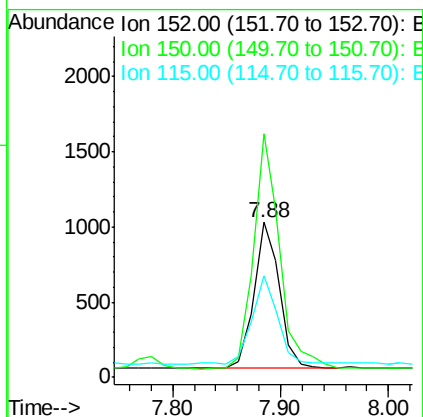
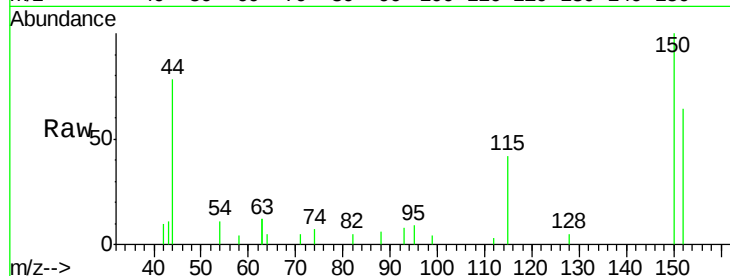


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

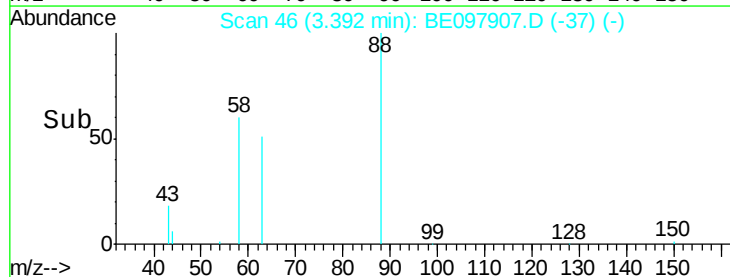
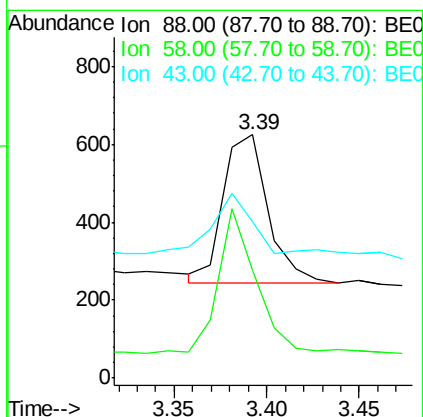
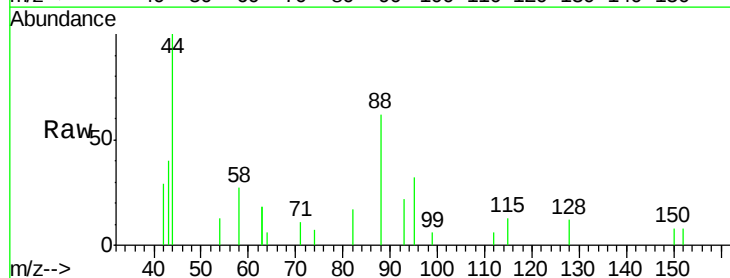
Tgt Ion:152 Resp: 1600
Ion Ratio Lower Upper
152 100
150 157.3 118.2 177.4
115 65.5 50.9 76.3



#2

1,4-Dioxane
Concen: 0.200 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
58 82.5 73.2 109.8
43 37.9 36.9 55.3

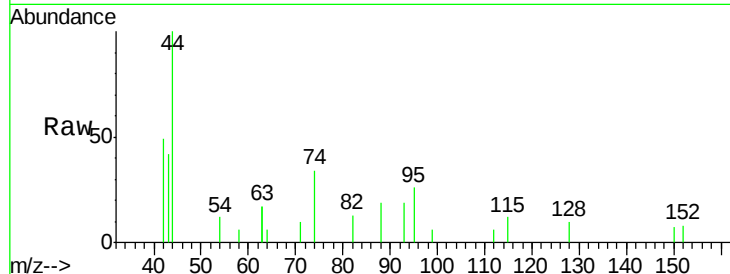




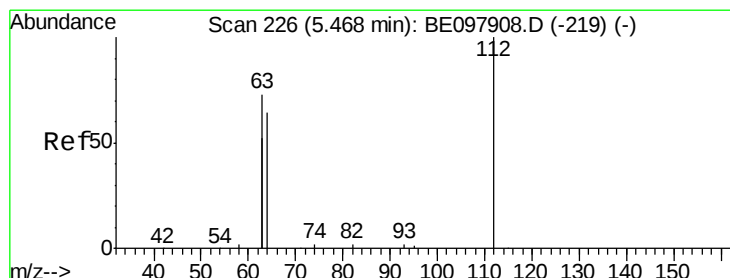
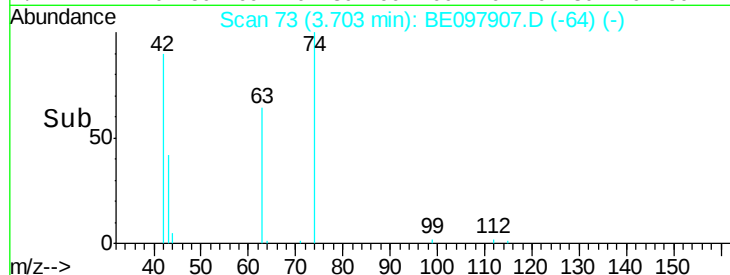
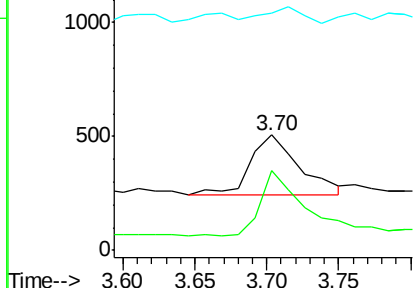
#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 42 Resp: 630
Ion Ratio Lower Upper
42 100
74 91.7 77.6 116.4
44 20.3 7.6 11.4#

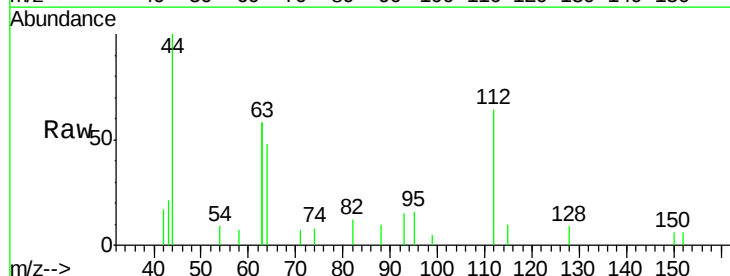


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

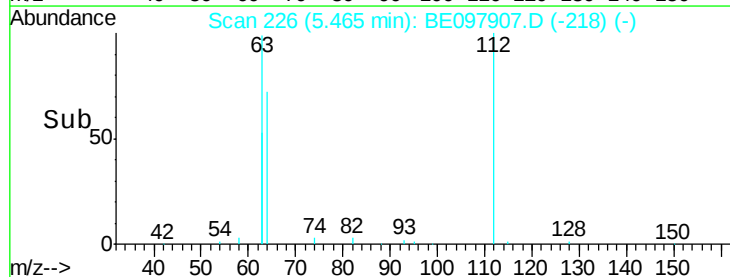
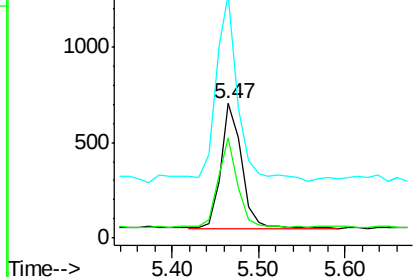


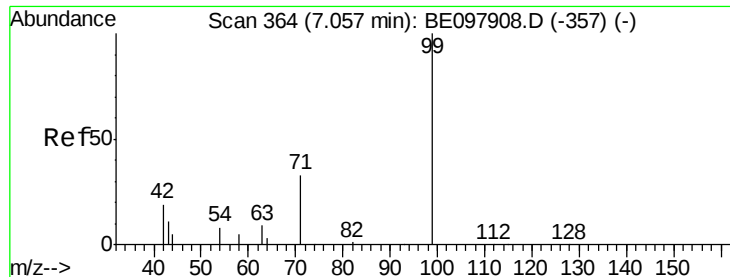
#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 112 Resp: 1095
Ion Ratio Lower Upper
112 100
64 66.5 58.9 88.3
63 156.9 120.3 180.5



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: 0.263 ng

RT: 7.05 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

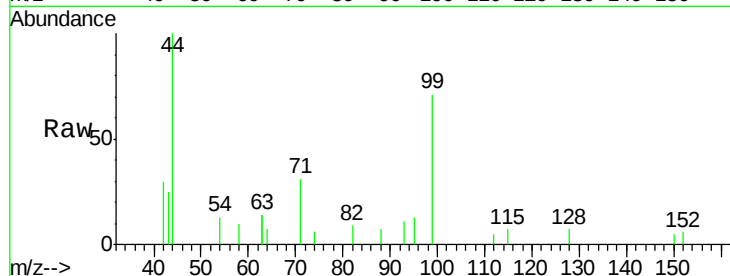
Tgt Ion: 99 Resp: 1525

Ion Ratio Lower Upper

99 100

42 28.5 19.9 29.9

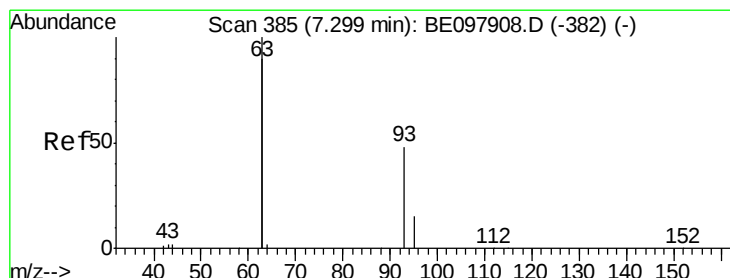
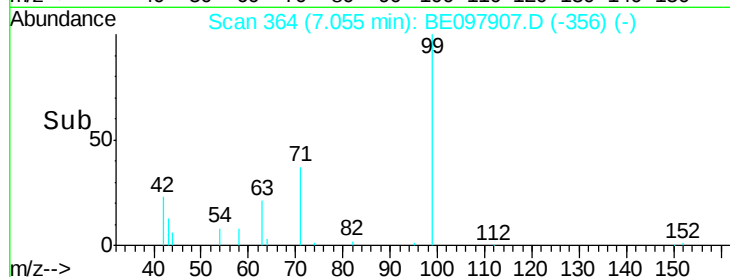
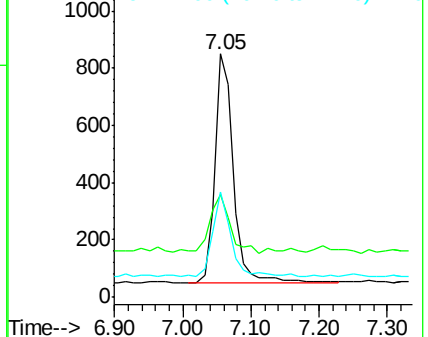
71 37.4 27.8 41.8



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: 0.215 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

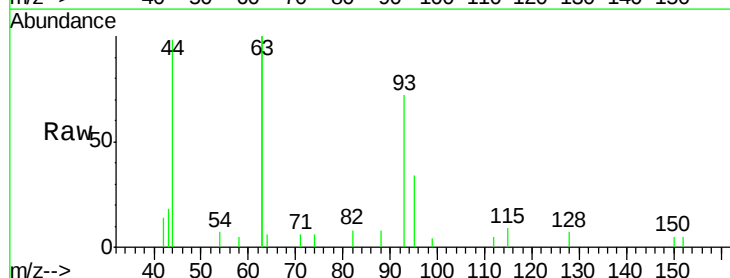
Tgt Ion: 93 Resp: 1293

Ion Ratio Lower Upper

93 100

63 318.9 259.0 388.4

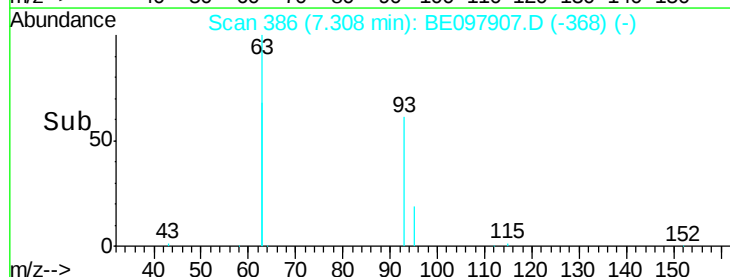
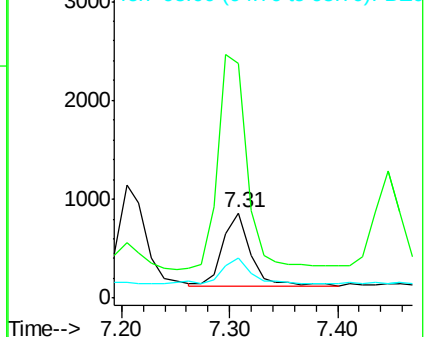
95 37.4 27.8 41.8

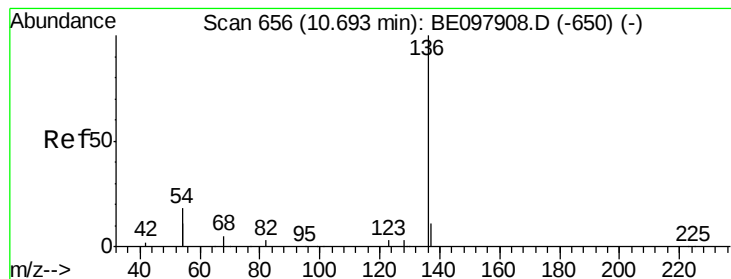


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

Tgt Ion:136 Resp: 7086

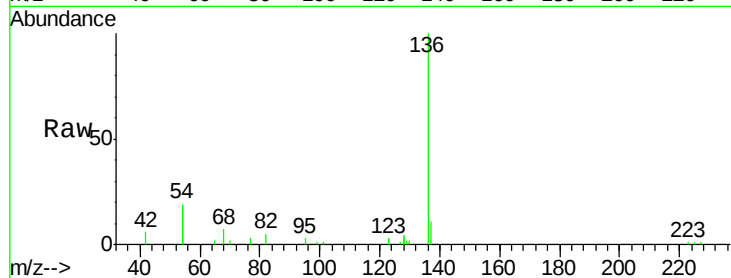
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 38.1 27.7 41.5

68 7.0 5.3 7.9

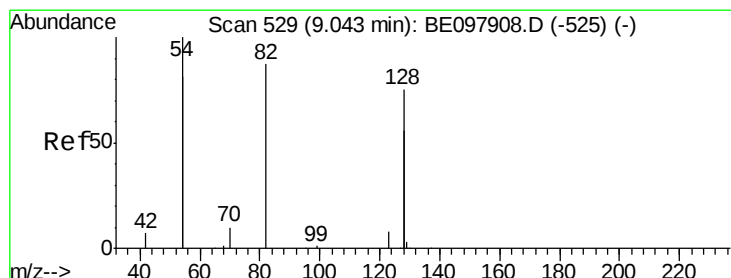
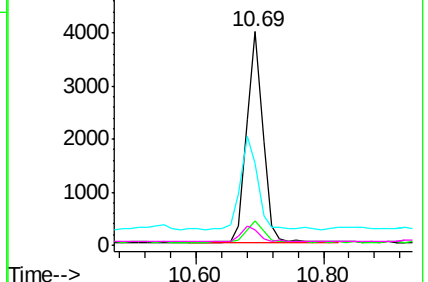
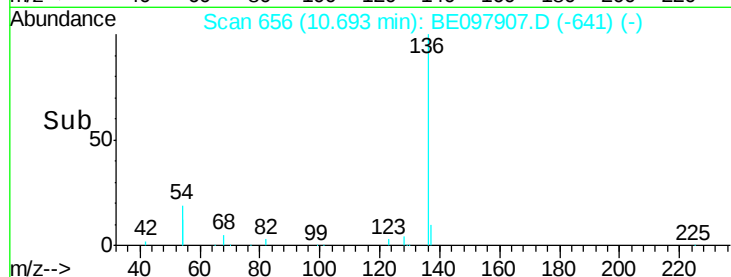


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.569 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

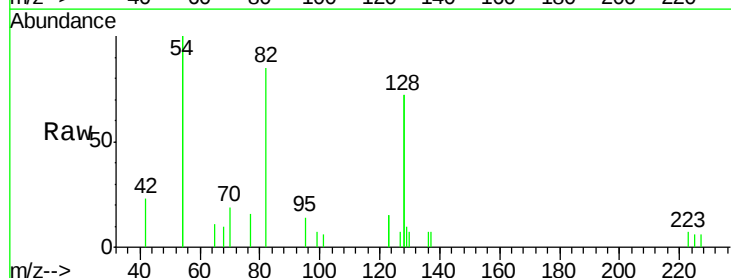
Tgt Ion: 82 Resp: 1308

Ion Ratio Lower Upper

82 100

128 169.3 129.9 194.9

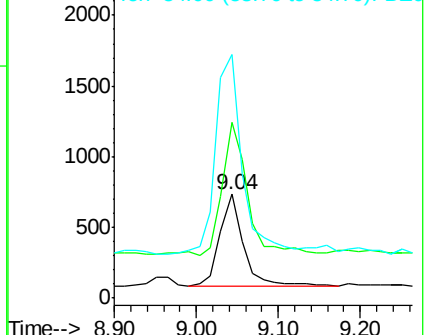
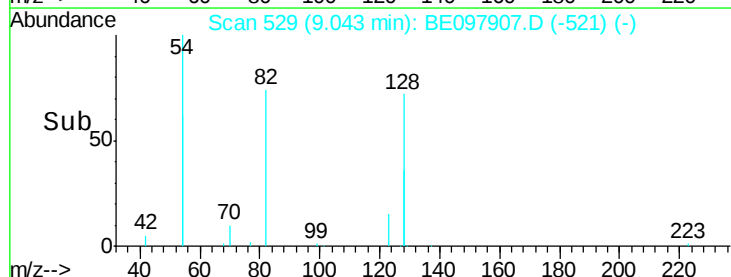
54 234.3 174.0 261.0

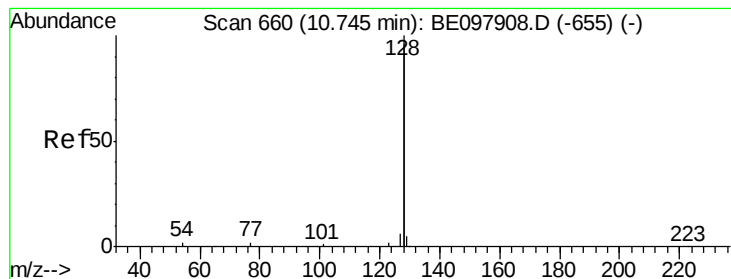


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.202 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

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ClientSampleId :

SSTDIC0.2

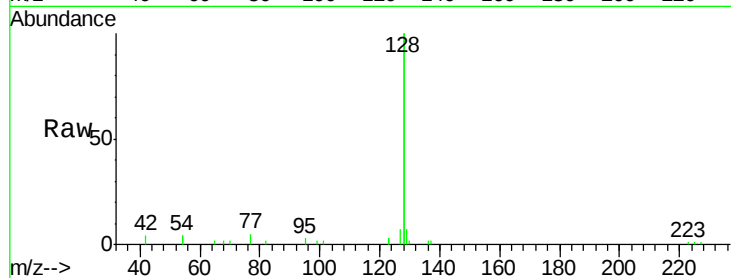
Tgt Ion:128 Resp: 14397

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

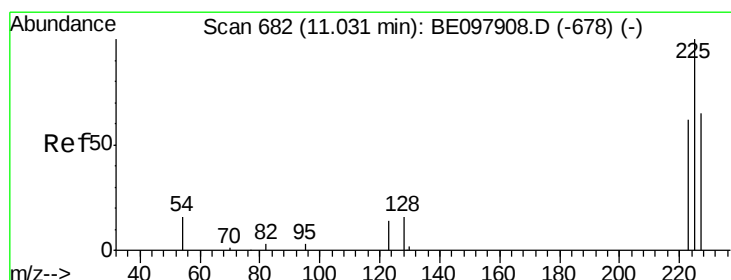
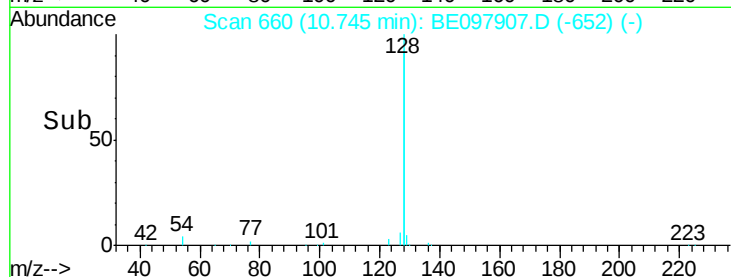
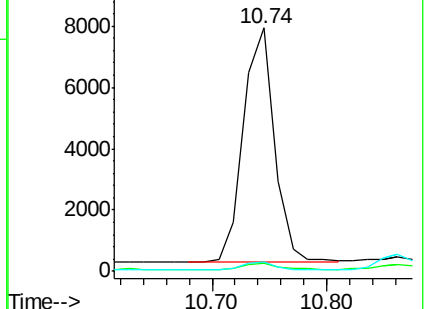
127 3.6 2.8 4.2



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: 0.197 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

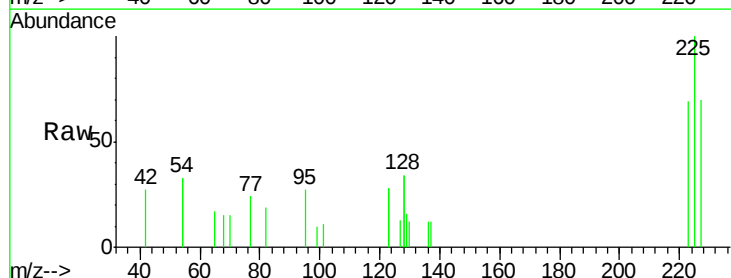
Tgt Ion:225 Resp: 748

Ion Ratio Lower Upper

225 100

223 65.8 51.8 77.8

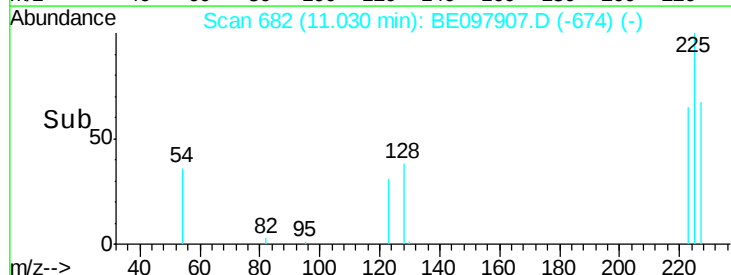
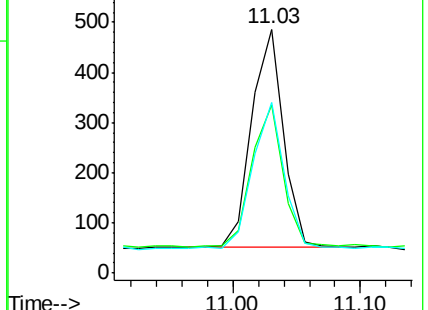
227 65.9 53.0 79.6

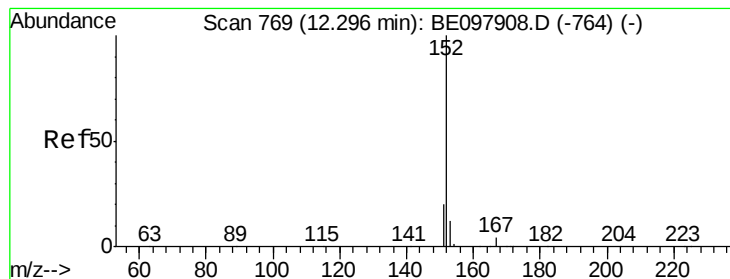


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.207 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

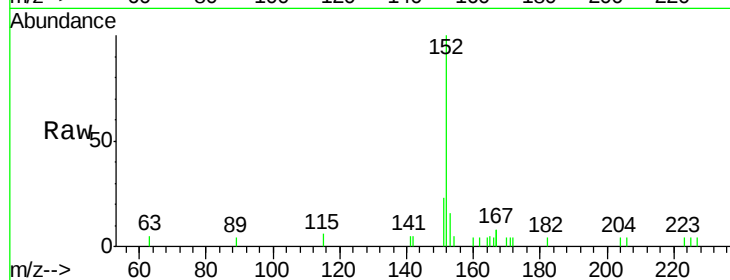
SSTDIC0.2

Tgt Ion:152 Resp: 2339

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

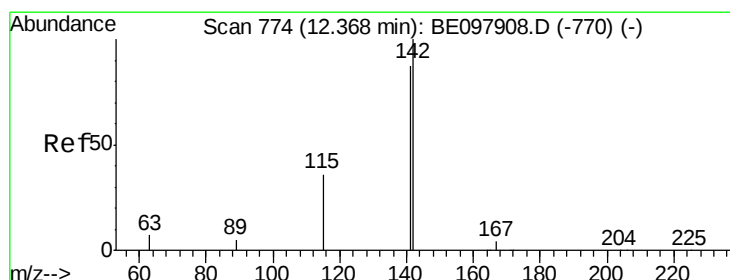
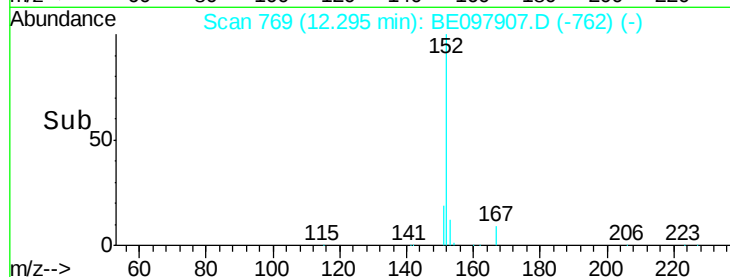
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.205 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

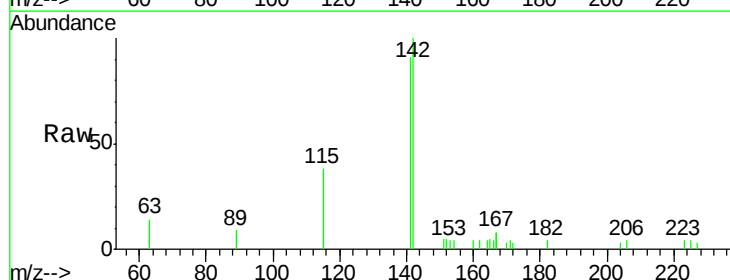
Tgt Ion:142 Resp: 2342

Ion Ratio Lower Upper

142 100

141 91.4 69.8 104.6

115 38.2 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

12.37

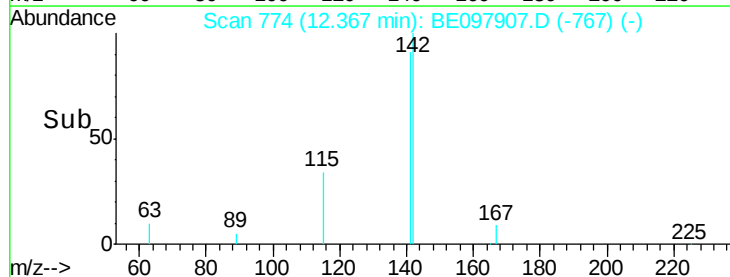
1500

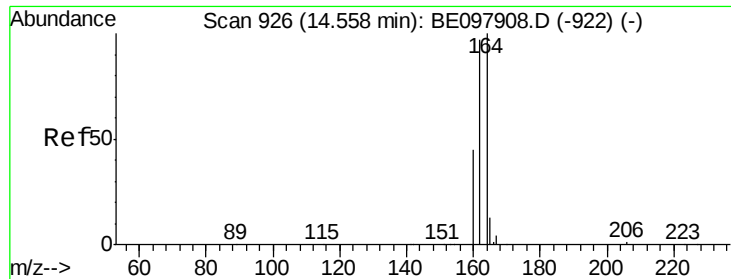
1000

500

0

Time-->

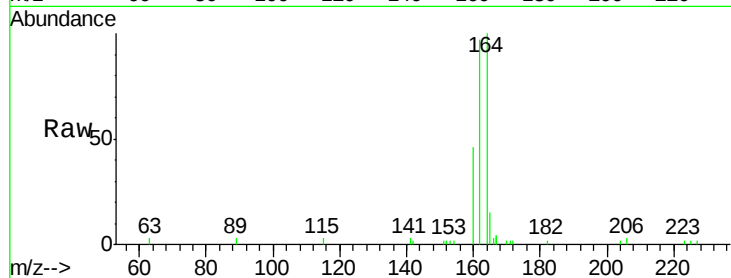




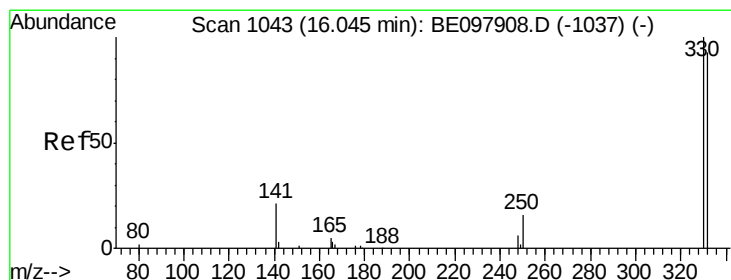
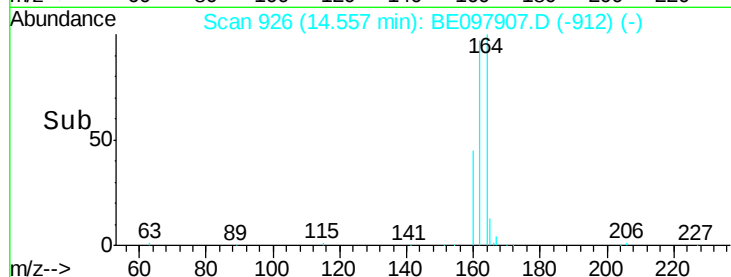
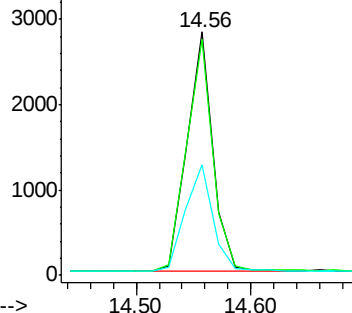
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:164 Resp: 4308
Ion Ratio Lower Upper
164 100
162 96.8 77.4 116.2
160 45.6 36.5 54.7

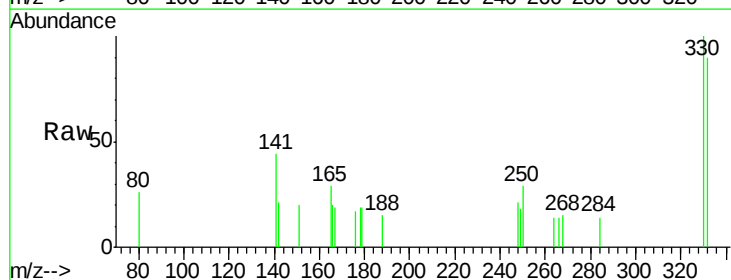


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

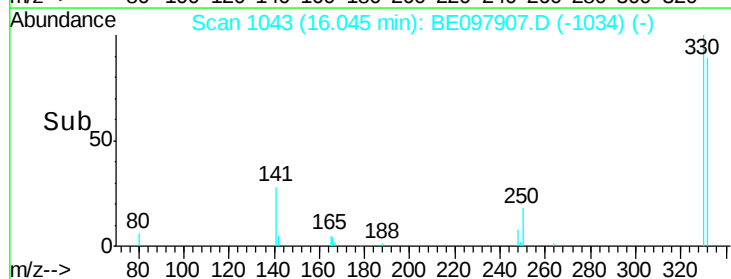
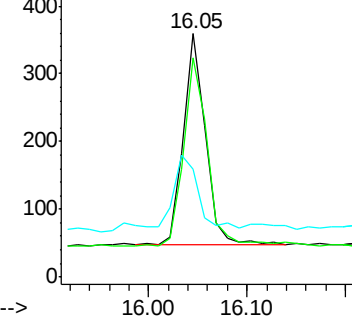


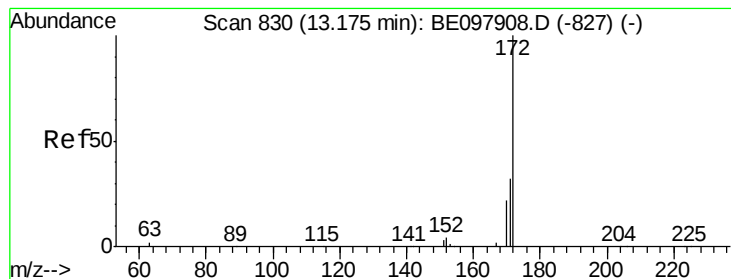
#14
2,4,6-Tribromophenol
Concen: 0.626 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion:330 Resp: 489
Ion Ratio Lower Upper
330 100
332 98.4 76.5 114.7
141 43.4 31.8 47.6



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





#15

2-Fluorobiphenyl

Concen: 0.210 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

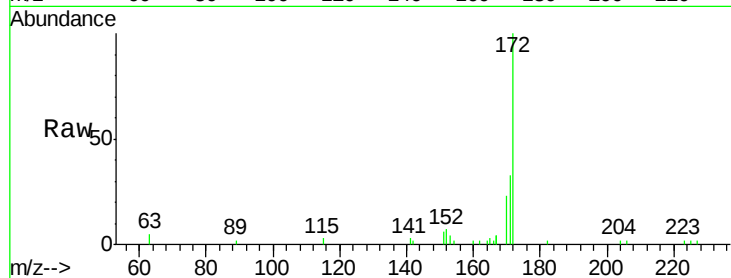
Tgt Ion:172 Resp: 3987

Ion Ratio Lower Upper

172 100

171 33.4 26.0 39.0

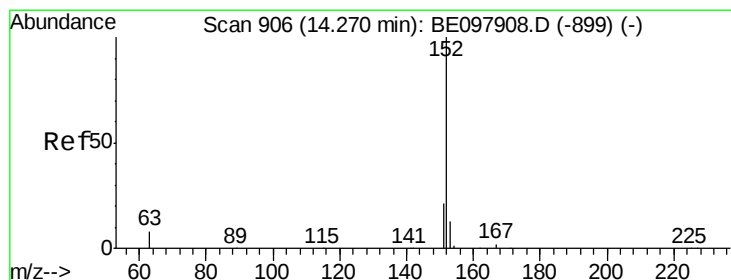
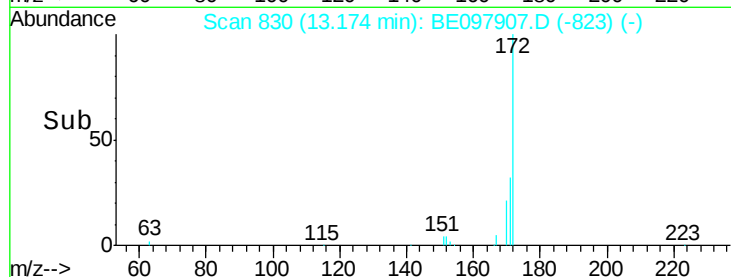
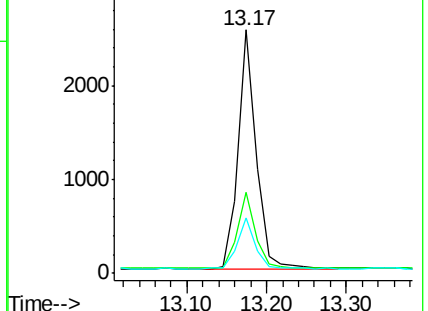
170 23.0 18.0 27.0



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: 0.218 ng

RT: 14.27 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

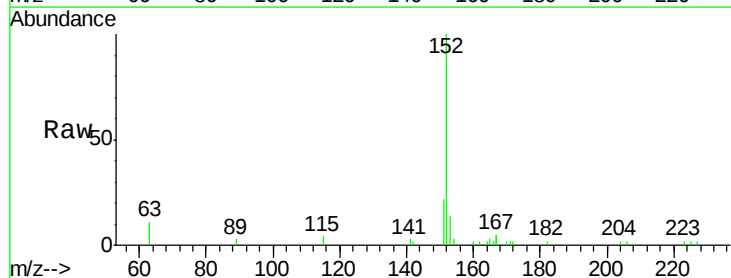
Tgt Ion:152 Resp: 4154

Ion Ratio Lower Upper

152 100

151 19.0 16.1 24.1

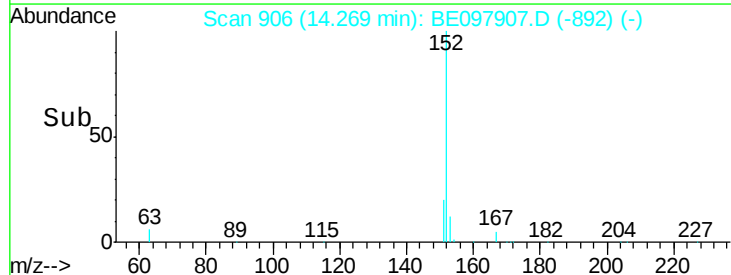
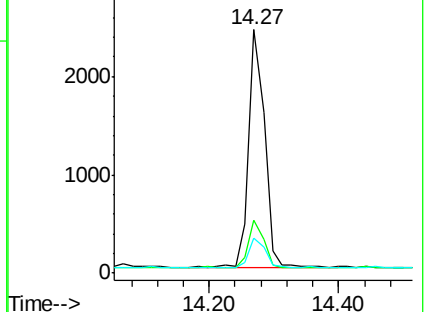
153 12.4 10.9 16.3

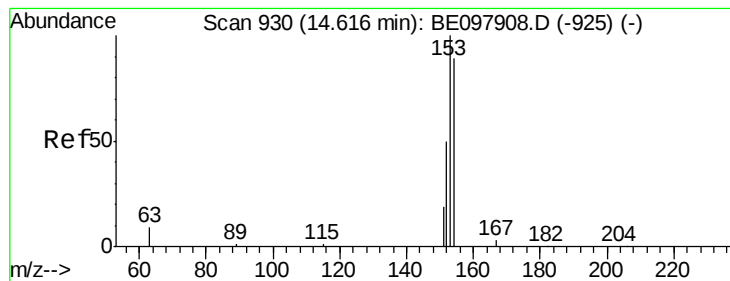


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.209 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

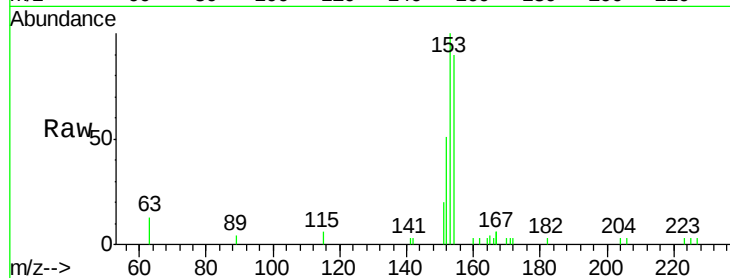
Tgt Ion:154 Resp: 2552

Ion Ratio Lower Upper

154 100

153 110.8 92.6 139.0

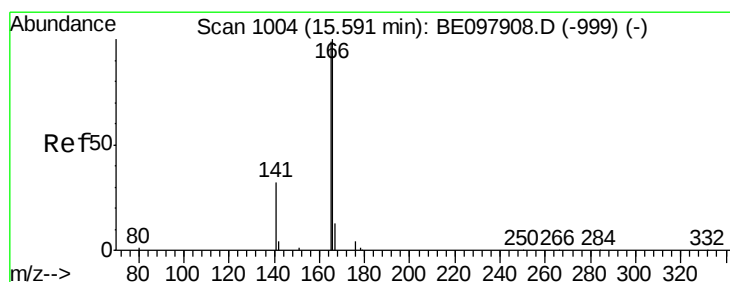
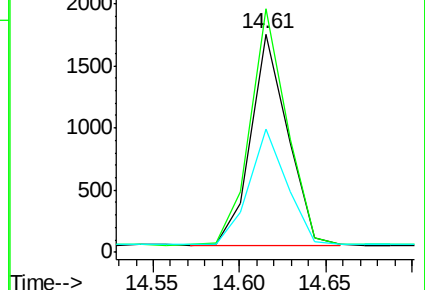
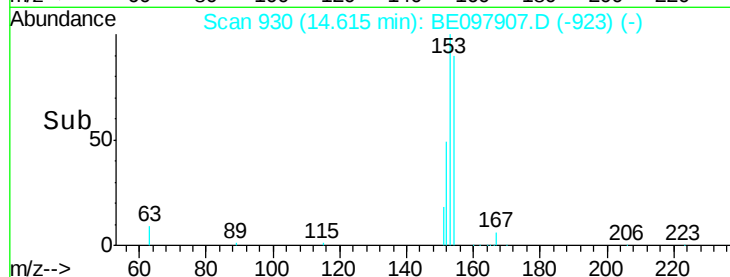
152 56.2 45.5 68.3



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: 0.214 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

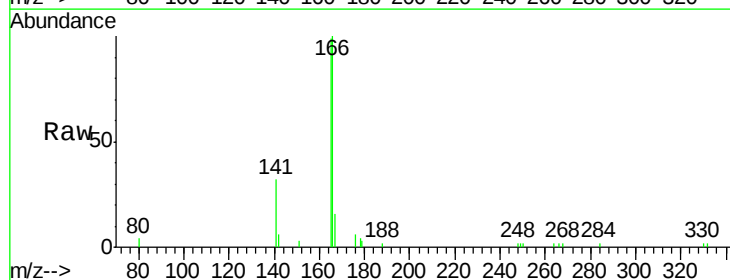
Tgt Ion:166 Resp: 3480

Ion Ratio Lower Upper

166 100

165 95.5 78.2 117.4

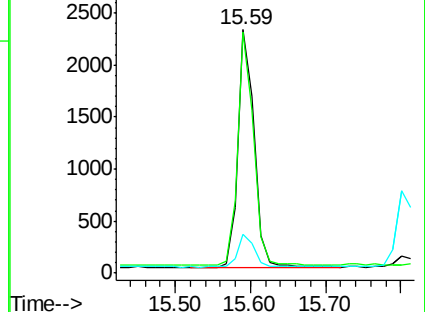
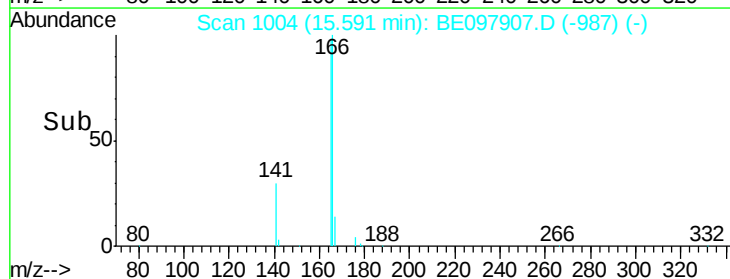
167 14.4 11.0 16.6

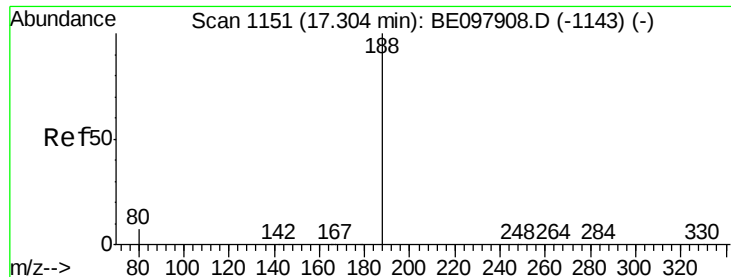


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

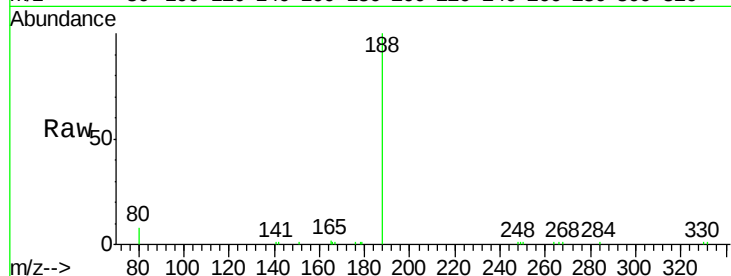
Tgt Ion:188 Resp: 11741

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

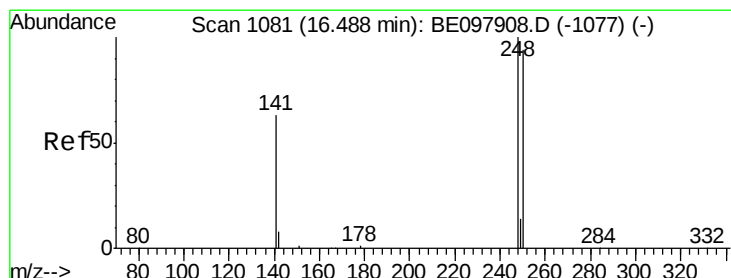
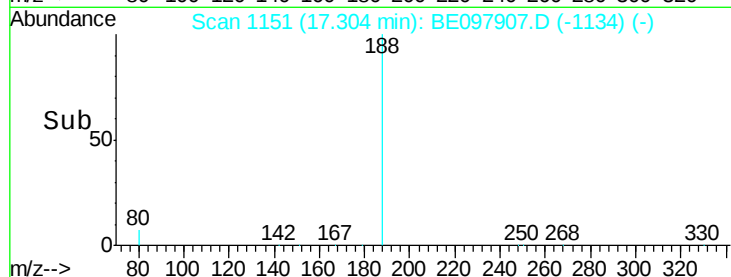
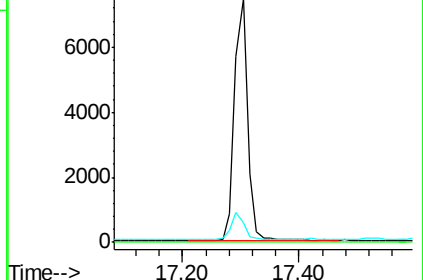
80 8.3 6.3 9.5



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: 0.204 ng

RT: 16.49 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

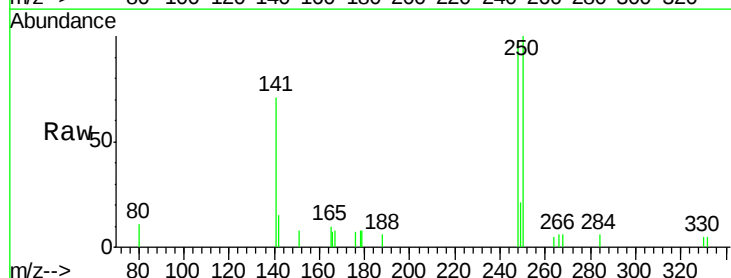
Tgt Ion:248 Resp: 1256

Ion Ratio Lower Upper

248 100

250 102.6 75.1 112.7

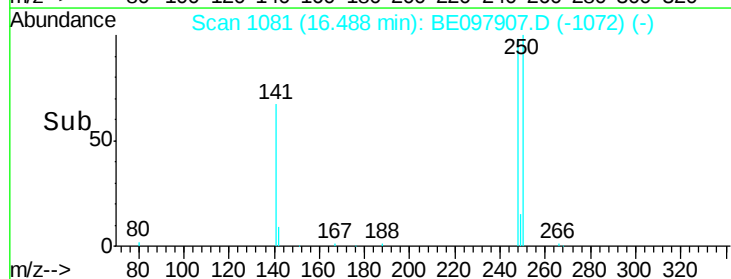
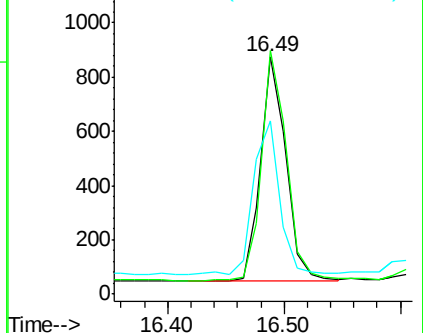
141 73.0 51.8 77.8

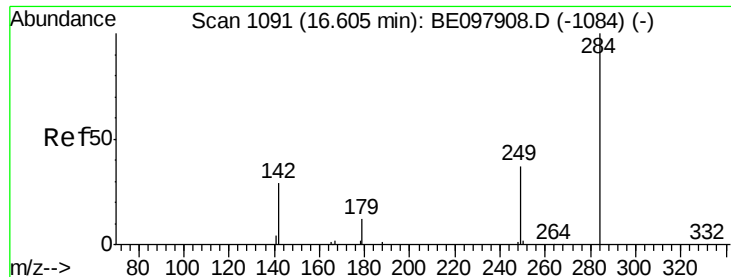


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.183 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

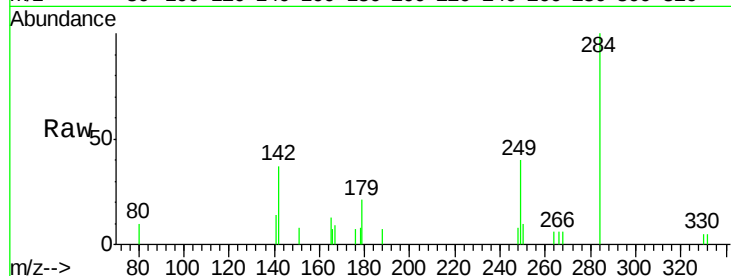
Tgt Ion:284 Resp: 1269

Ion Ratio Lower Upper

284 100

142 36.4 25.9 38.9

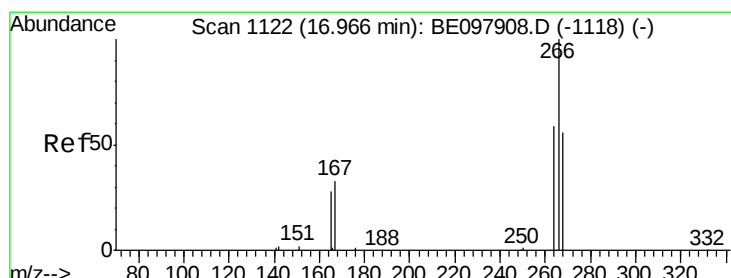
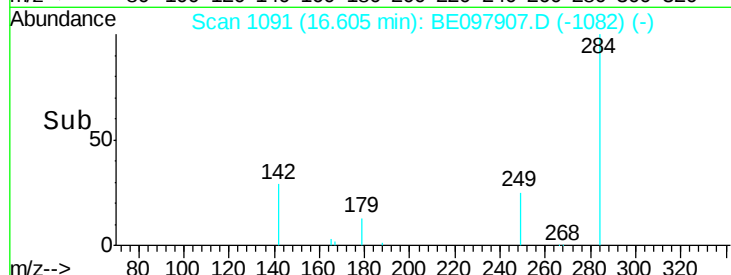
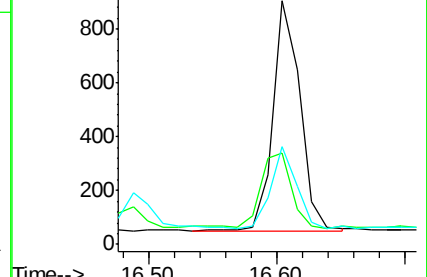
249 33.6 26.6 40.0



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: 0.272 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

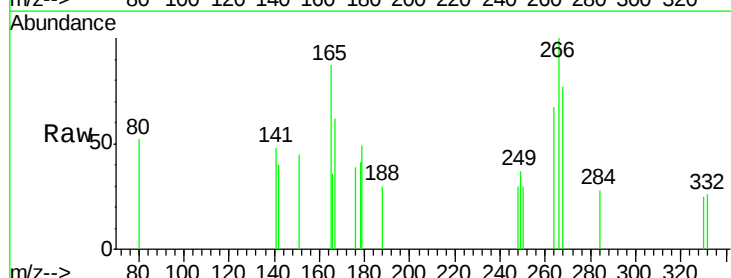
Tgt Ion:266 Resp: 296

Ion Ratio Lower Upper

266 100

264 66.7 51.3 76.9

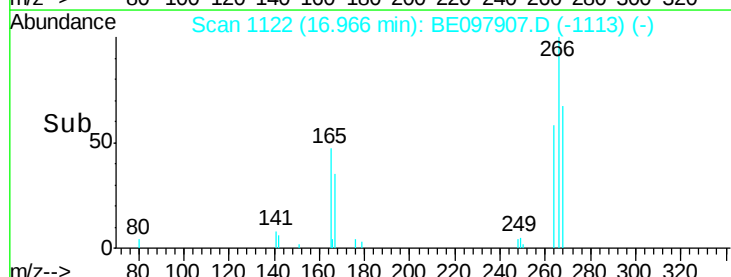
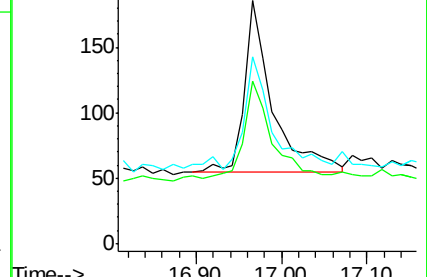
268 76.9 50.1 75.1#

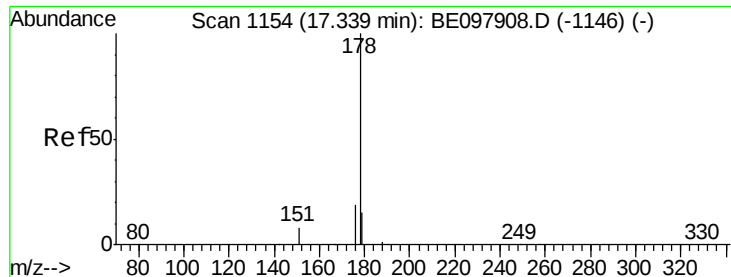


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.201 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

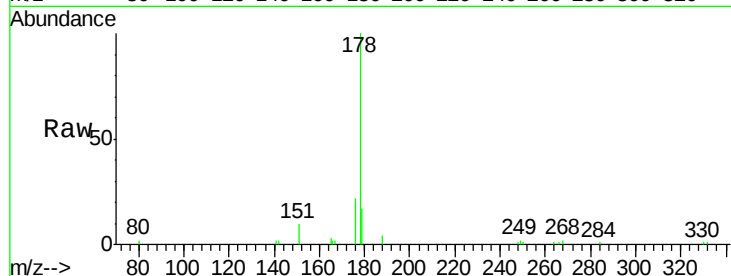
Tgt Ion:178 Resp: 6088

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

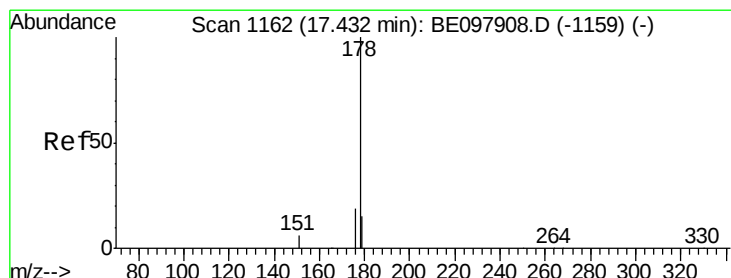
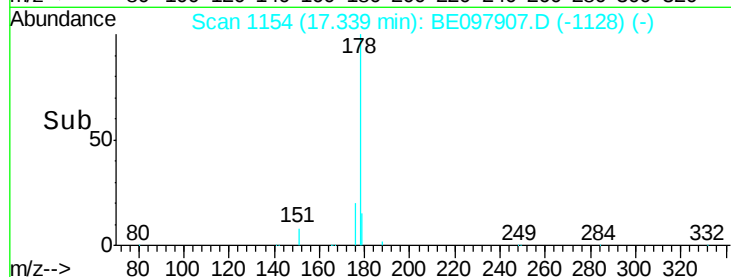
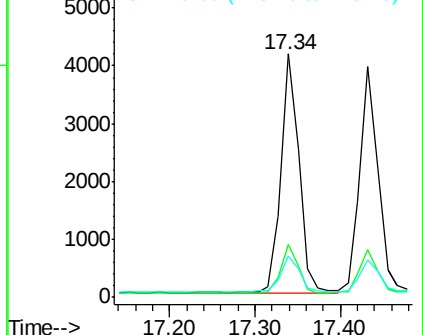
179 15.2 12.2 18.4



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: 0.217 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

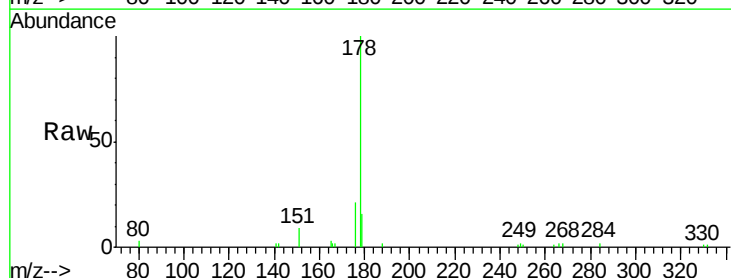
Tgt Ion:178 Resp: 5674

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

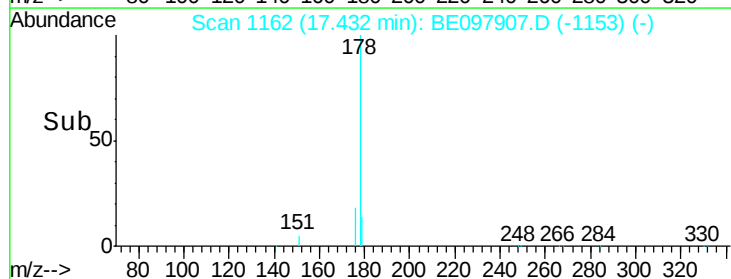
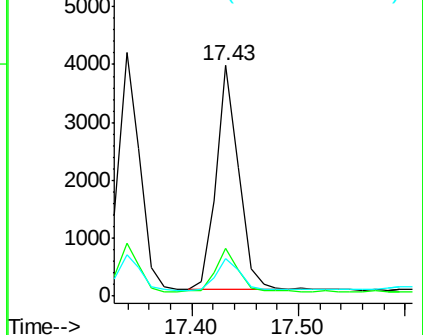
179 15.1 11.9 17.9

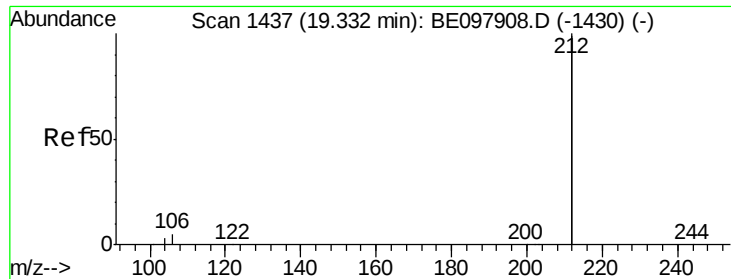


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.226 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

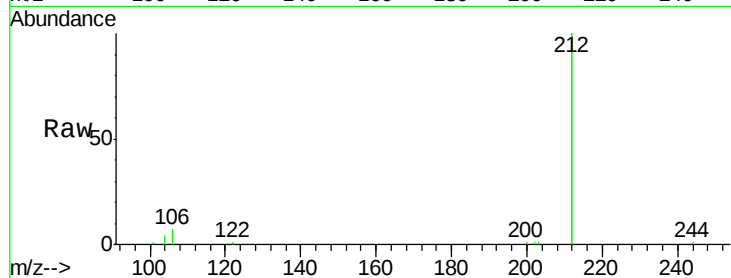
Tgt Ion:212 Resp: 33517

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

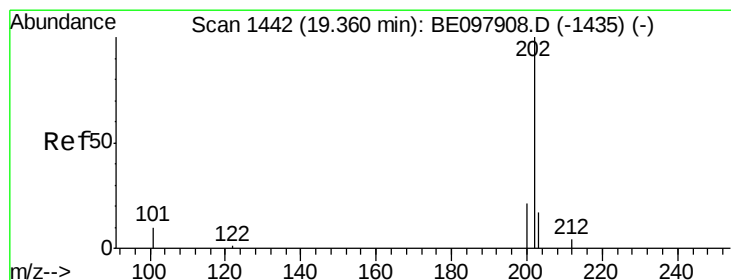
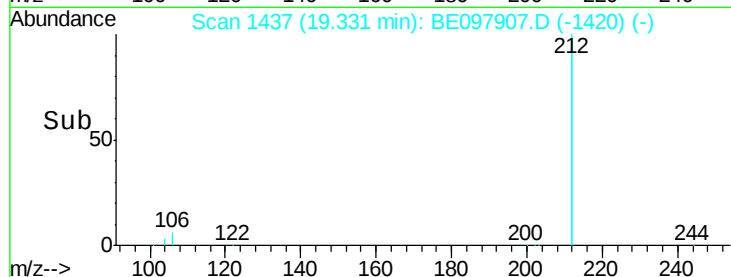
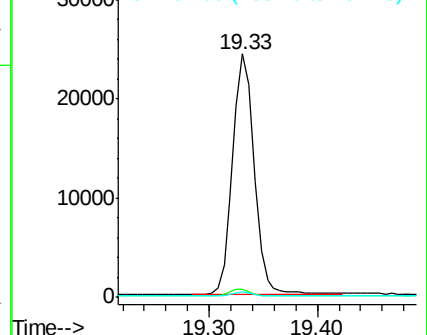
104 1.6 1.3 1.9



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: 0.213 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

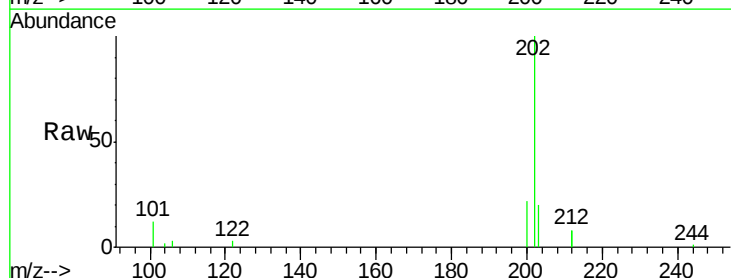
Tgt Ion:202 Resp: 8204

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

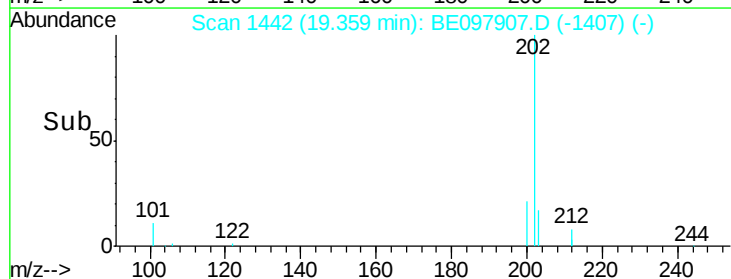
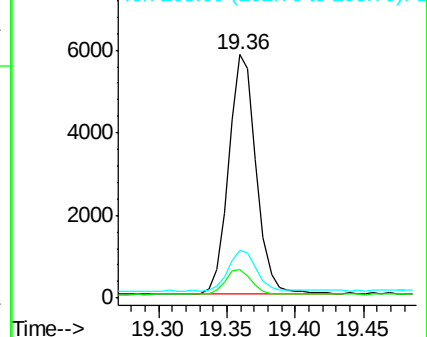
203 17.9 15.0 22.4

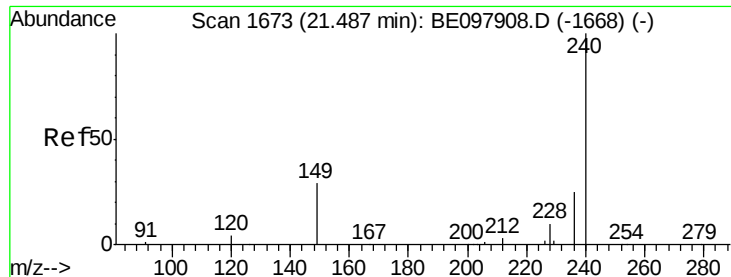


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

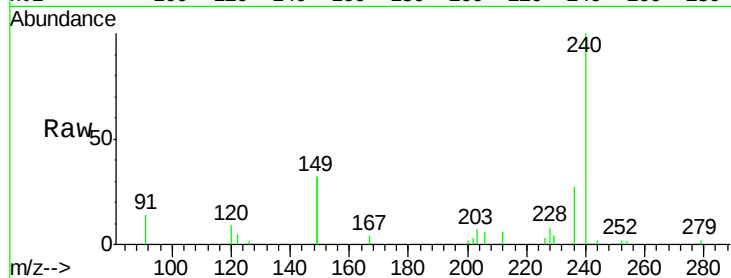
Tgt Ion:240 Resp: 16373

Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

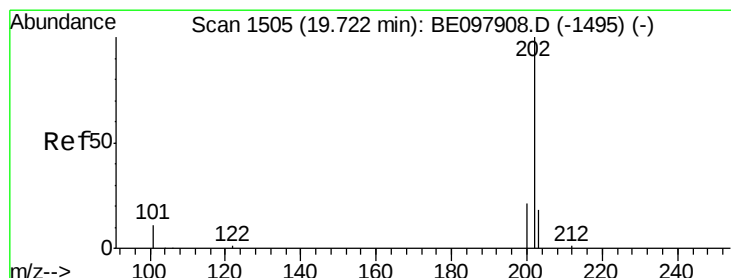
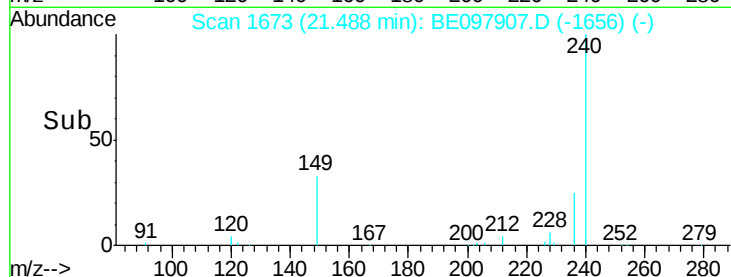
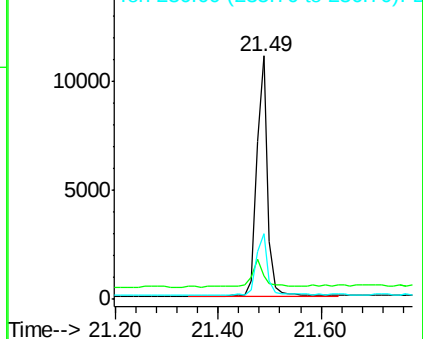
236 27.0 21.3 31.9



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: 0.216 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

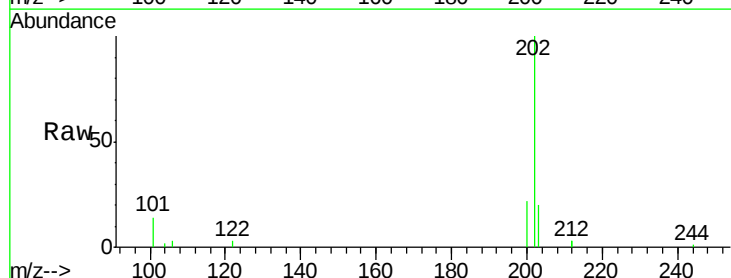
Tgt Ion:202 Resp: 8991

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

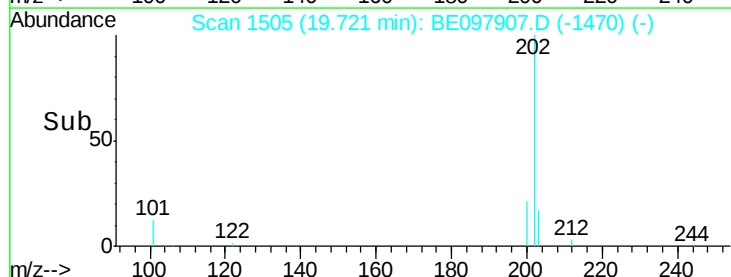
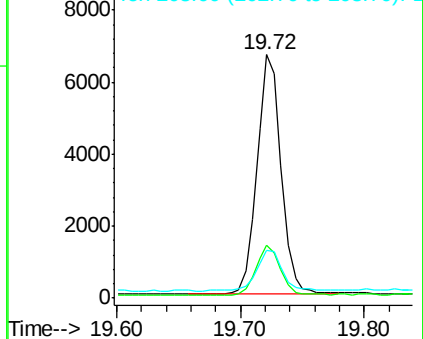
203 18.9 14.2 21.4

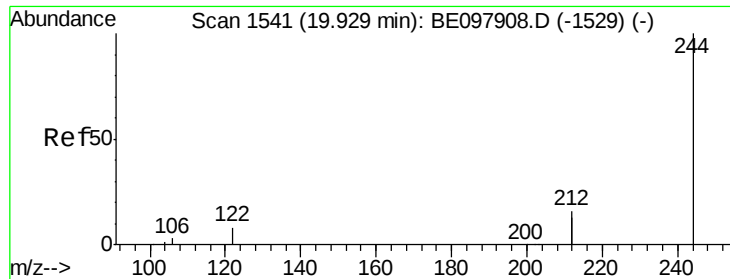


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.222 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

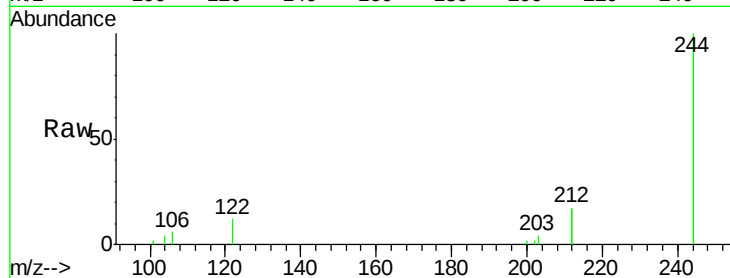
Tgt Ion:244 Resp: 7414

Ion Ratio Lower Upper

244 100

212 34.8 26.2 39.2

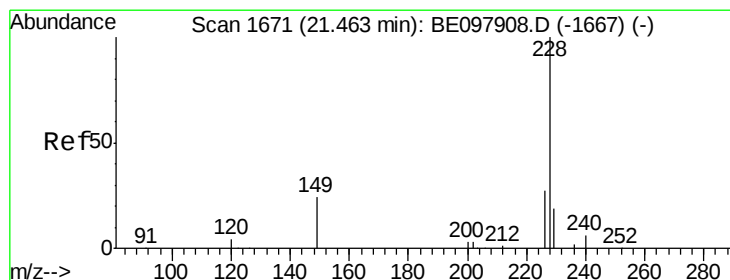
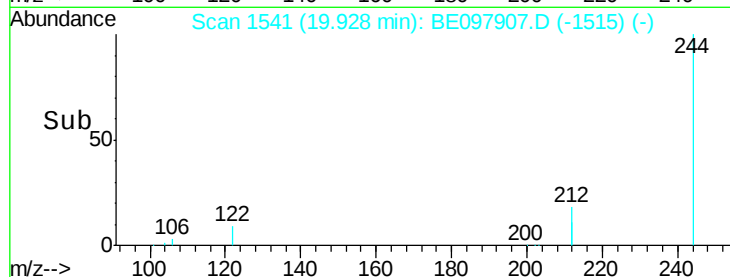
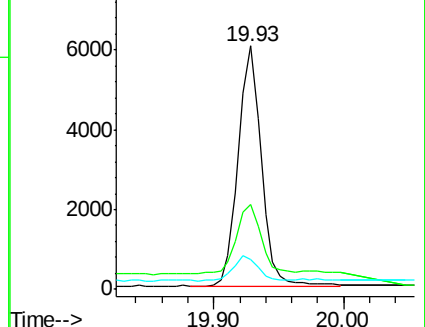
122 12.4 7.7 11.5#



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: 0.242 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

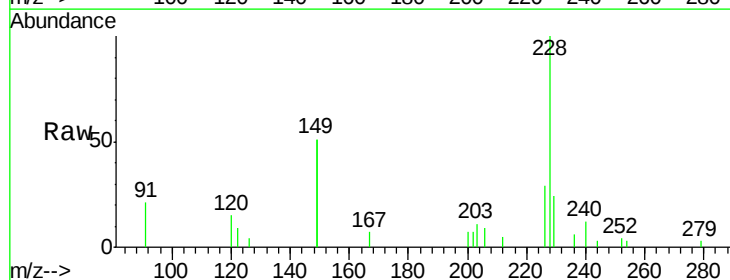
Tgt Ion:228 Resp: 10633

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

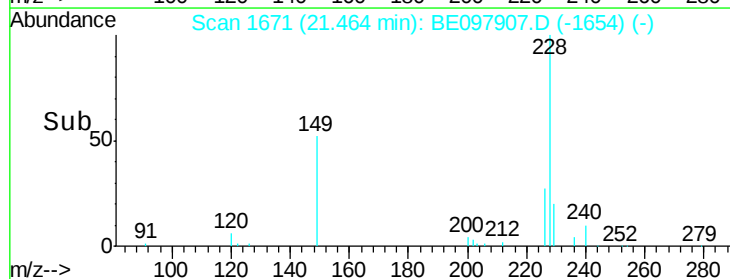
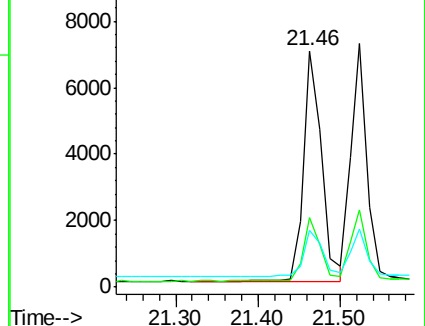
229 23.8 16.9 25.3

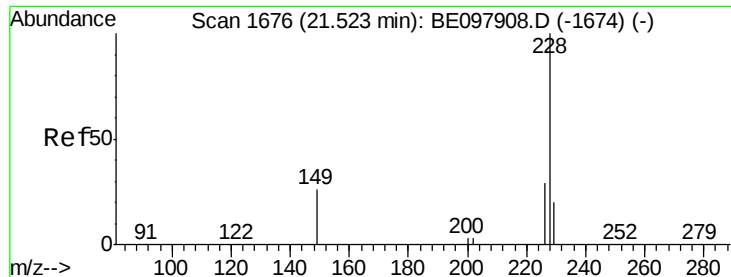


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.197 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

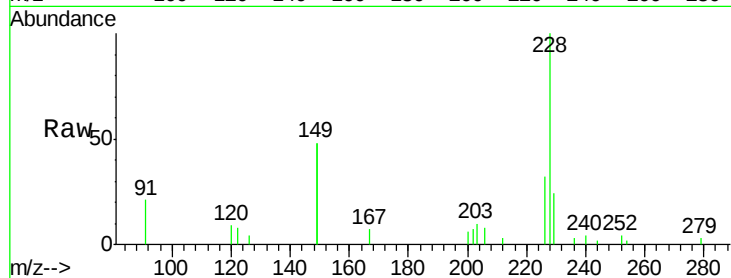
Tgt Ion: 228 Resp: 9718

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

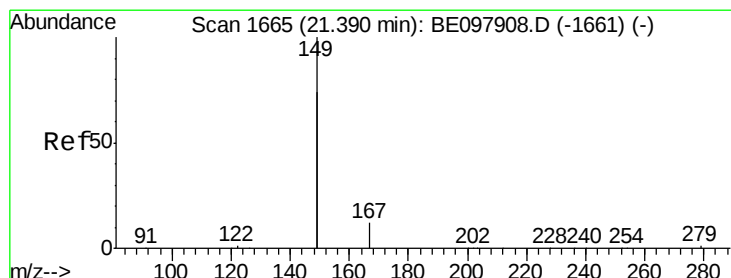
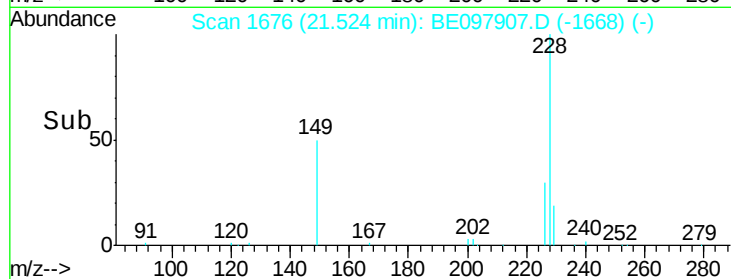
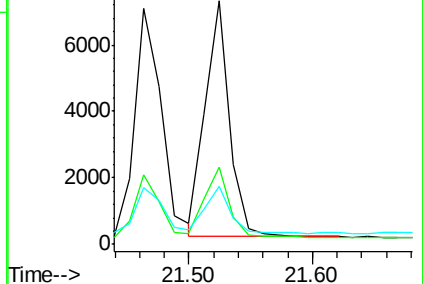
229 23.7 17.3 25.9



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: 0.865 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

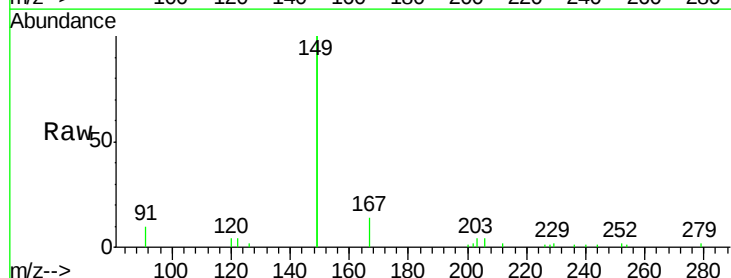
Tgt Ion: 149 Resp: 27861

Ion Ratio Lower Upper

149 100

167 7.0 5.6 8.4

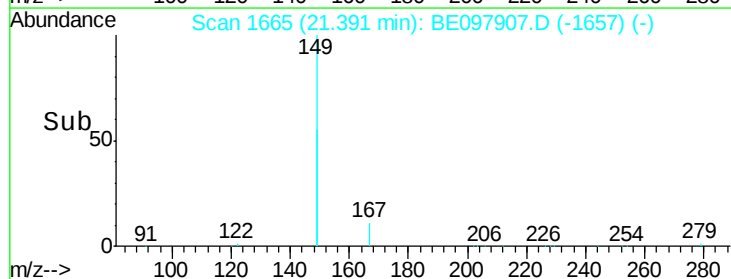
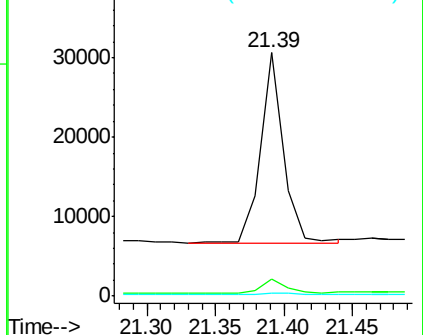
279 1.2 0.9 1.3

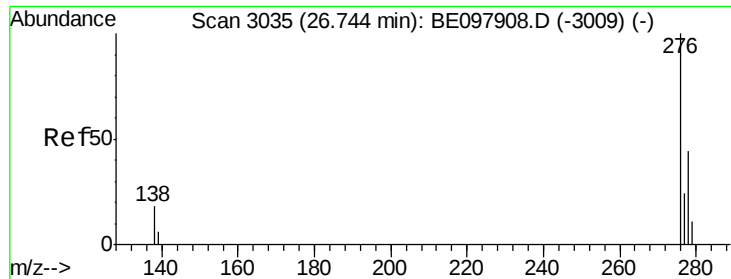


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.265 ng

RT: 26.75 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

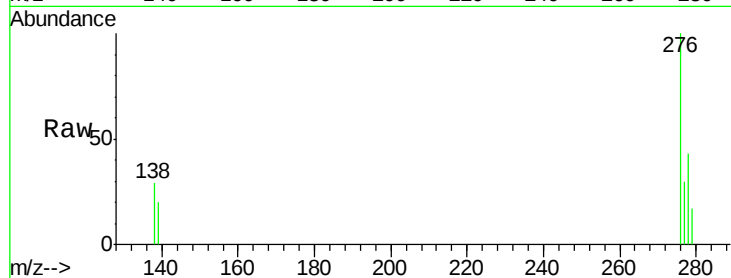
Tgt Ion:276 Resp: 11341

Ion Ratio Lower Upper

276 100

138 20.8 17.0 25.6

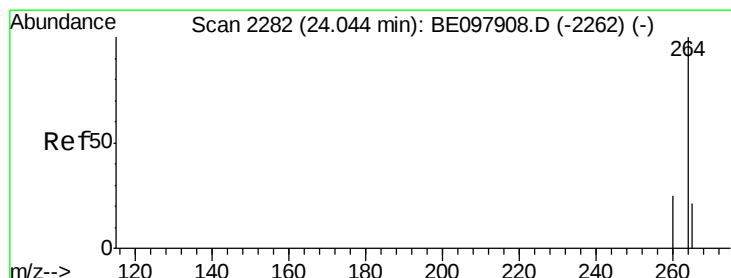
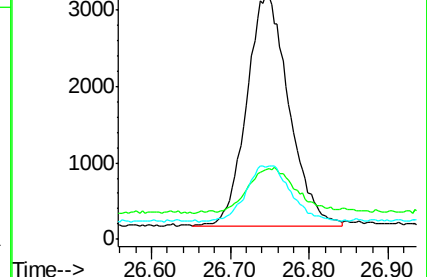
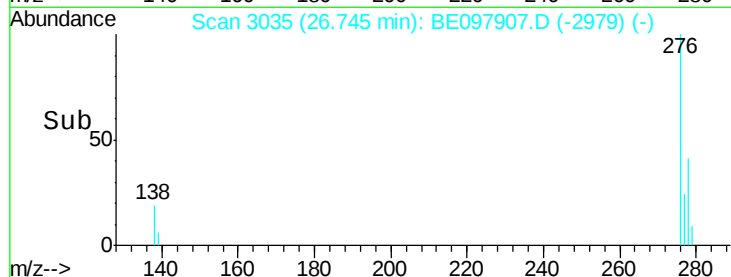
277 25.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

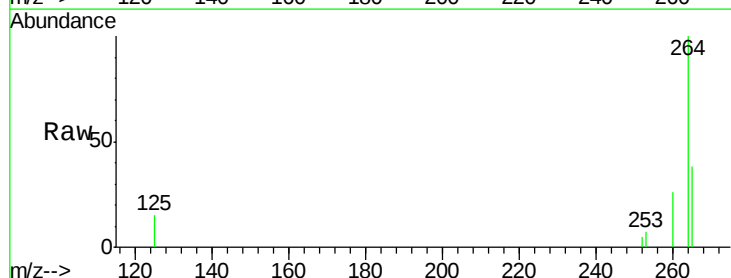
Tgt Ion:264 Resp: 16588

Ion Ratio Lower Upper

264 100

260 26.1 21.1 31.7

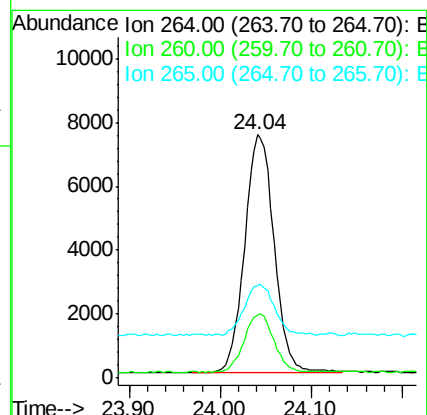
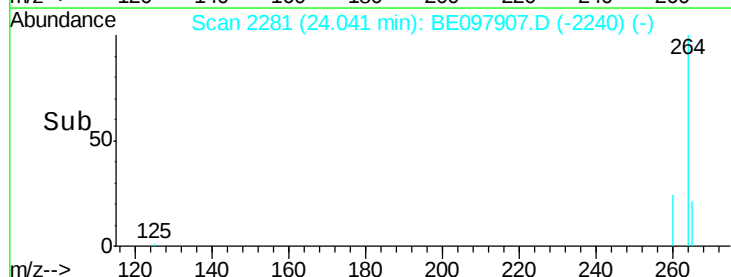
265 38.0 29.2 43.8

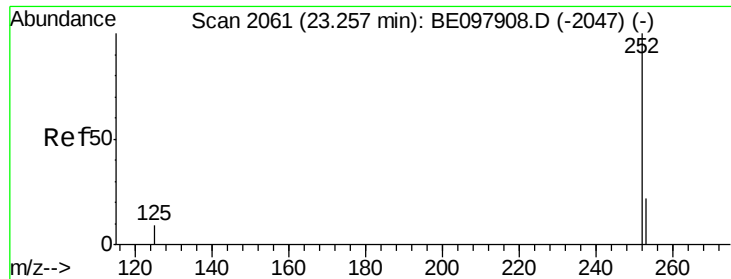


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

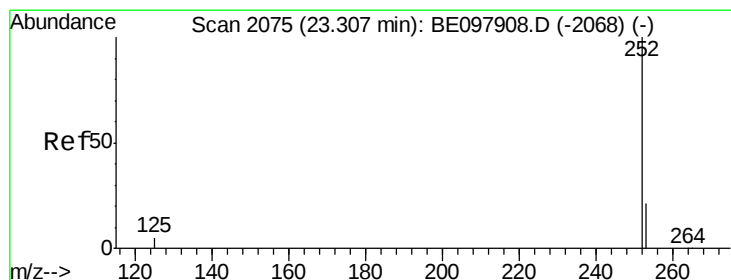
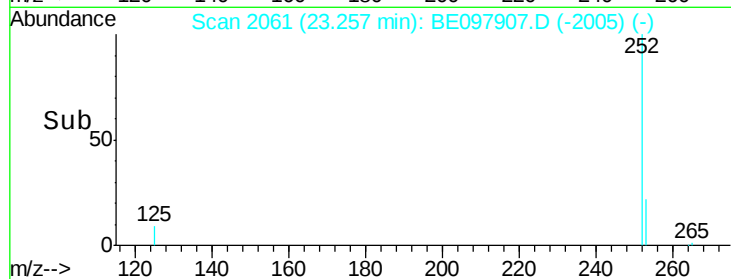
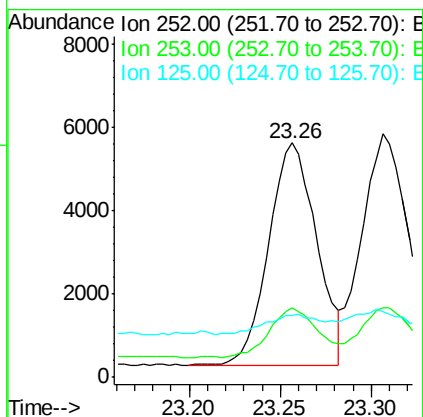
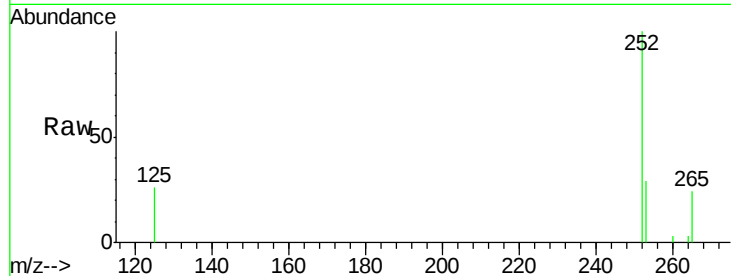




#35
Benzo(b)fluoranthene
Concen: 0.214 ng
RT: 23.26 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

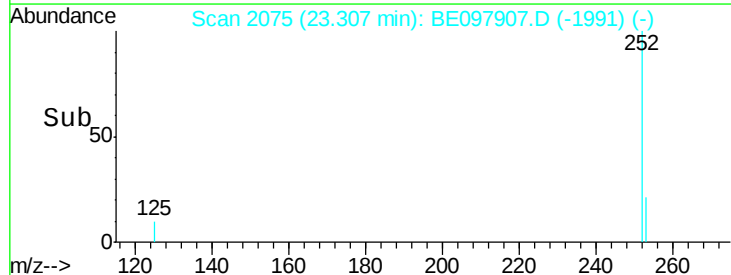
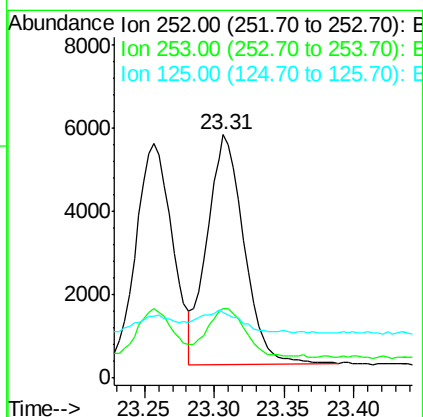
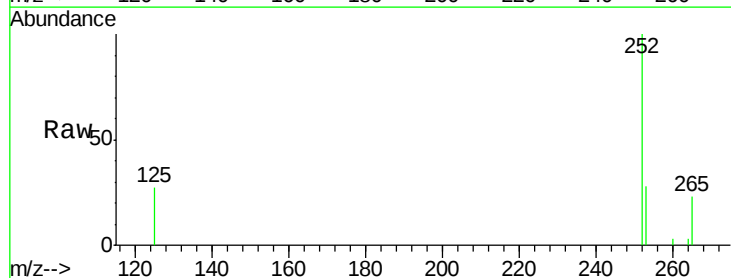
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

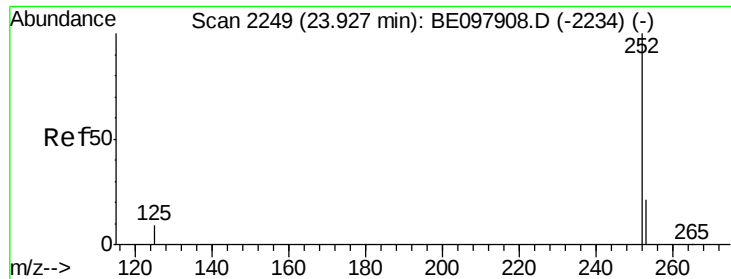
Tgt Ion: 252 Resp: 9729
Ion Ratio Lower Upper
252 100
253 29.4 20.6 31.0
125 26.4 14.3 21.5#



#36
Benzo(k)fluoranthene
Concen: 0.201 ng
RT: 23.31 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE097907.D
Acq: 16 Oct 2018 12:37

Tgt Ion: 252 Resp: 10162
Ion Ratio Lower Upper
252 100
253 28.3 20.4 30.6
125 27.0 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.236 ng

RT: 23.93 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

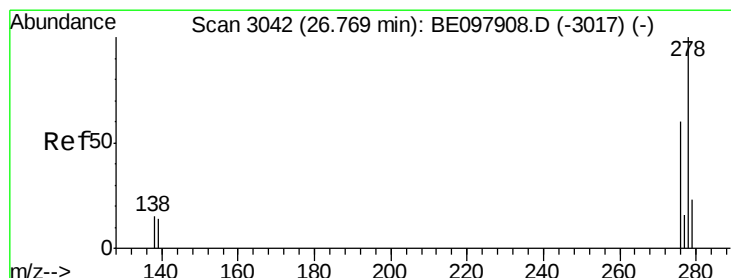
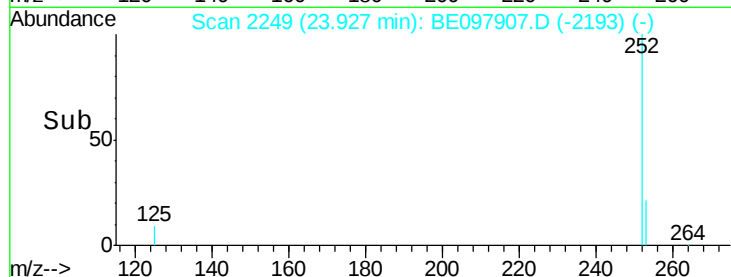
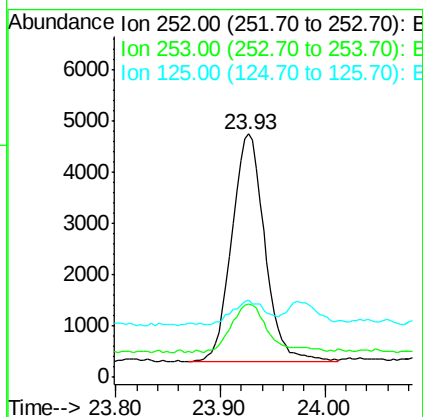
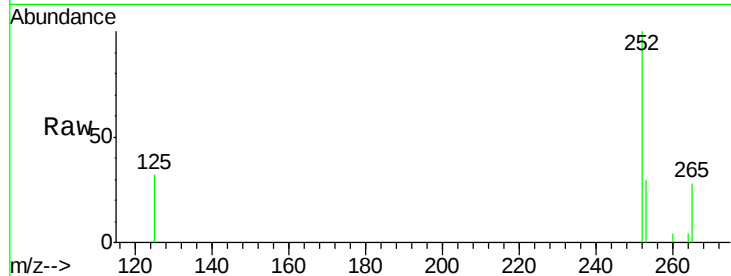
Tgt Ion:252 Resp: 9722

Ion Ratio Lower Upper

252 100

253 30.2 20.6 31.0

125 31.5 15.6 23.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.226 ng

RT: 26.77 min Scan# 3043

Delta R.T. 0.00 min

Lab File: BE097907.D

Acq: 16 Oct 2018 12:37

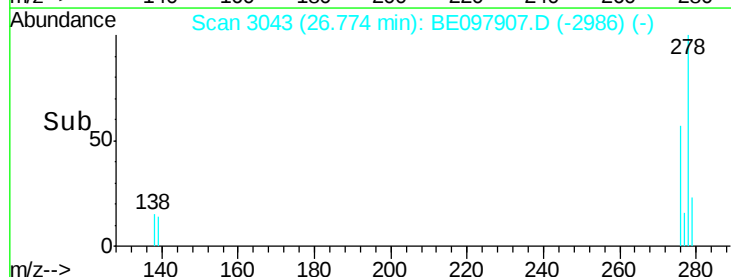
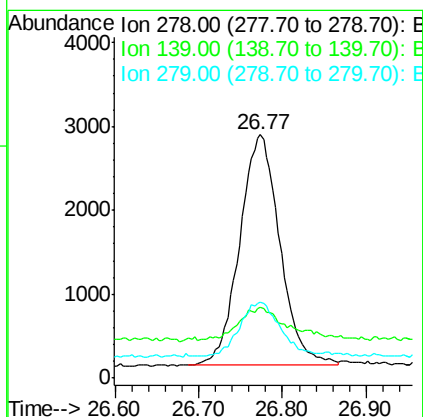
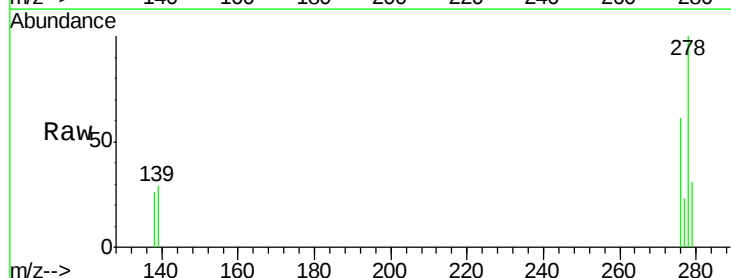
Tgt Ion:278 Resp: 9164

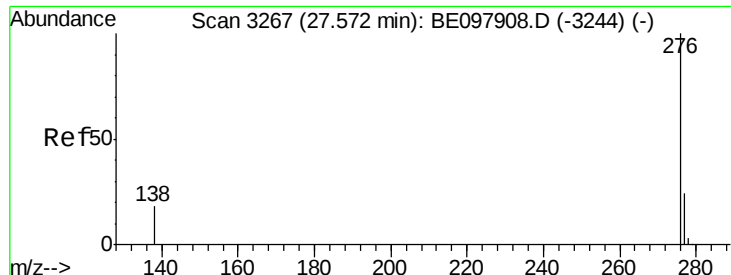
Ion Ratio Lower Upper

278 100

139 29.3 16.3 24.5#

279 31.1 21.4 32.2





#39

Benzo(g,h,i)perylene

Concen: 0.226 ng

RT: 27.58 min Scan# 3268

Delta R.T. 0.00 min

Lab File: BE097907.D

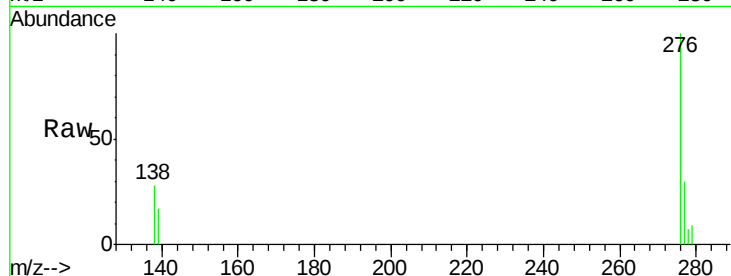
Acq: 16 Oct 2018 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 9598

Ion Ratio Lower Upper

276 100

277 29.8 22.1 33.1

138 28.3 19.3 28.9

