

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
 Data File : BE097906.D
 Acq On : 16 Oct 2018 12:01
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 16 13:51:16 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	7.90	152	1674	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7206	0.40	ng	0.01
13) Acenaphthene-d10	14.56	164	4629	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	12118	0.40	ng	0.00
27) Chrysene-d12	21.49	240	15964	0.40	ng	0.00
34) Perylene-d12	24.05	264	16477	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.48	112	571	0.14	ng	0.00
5) Phenol-d6	7.07	99	844	0.14	ng	0.00
8) Nitrobenzene-d5	9.06	82	735	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.30	152	1246	0.11	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	252	0.30	ng	0.01
15) 2-Fluorobiphenyl	13.19	172	2159	0.11	ng	0.01
25) Fluoranthene-d10	19.34	212	17259	0.11	ng	0.00
29) Terphenyl-d14	19.93	244	3980	0.12	ng	0.00

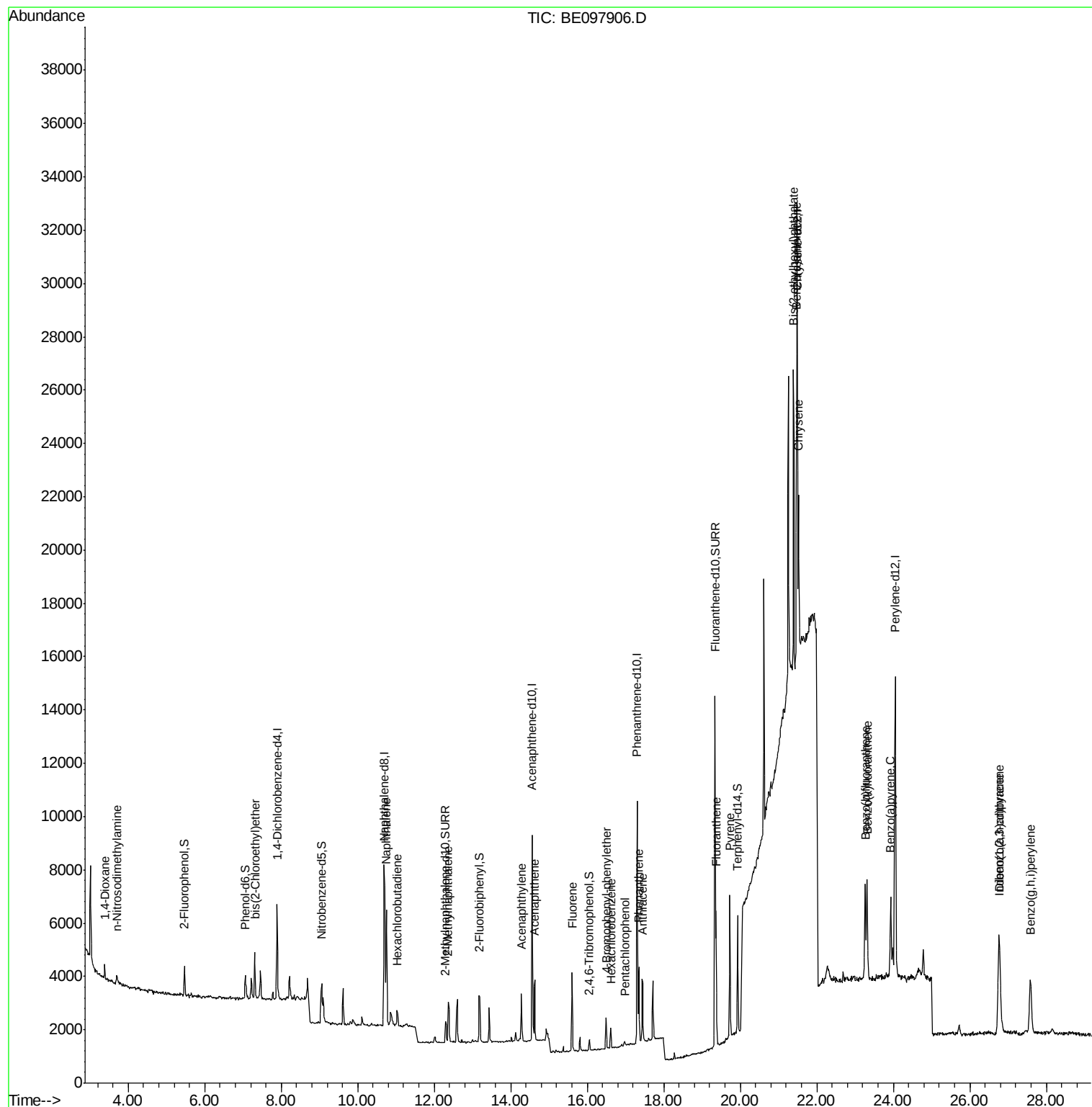
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	288	0.086	ng	# 80
3) n-Nitrosodimethylamine	3.70	42	373	0.123	ng	# 92
6) bis(2-Chloroethyl)ether	7.32	93	732	0.117	ng	# 88
9) Naphthalene	10.74	128	7481	0.103	ng	# 97
10) Hexachlorobutadiene	11.03	225	436	0.113	ng	# 98
12) 2-Methylnaphthalene	12.37	142	1242	0.107	ng	# 89
16) Acenaphthylene	14.28	152	2158	0.105	ng	# 97
17) Acenaphthene	14.63	154	1341	0.102	ng	# 98
18) Fluorene	15.60	166	1835	0.105	ng	# 95
20) 4-Bromophenyl-phenylether	16.50	248	690	0.109	ng	# 87
21) Hexachlorobenzene	16.62	284	673	0.094	ng	# 96
22) Pentachlorophenol	16.98	266	154	0.137	ng	# 77
23) Phenanthrene	17.35	178	3245	0.104	ng	# 96
24) Anthracene	17.43	178	2913	0.108	ng	# 97
26) Fluoranthene	19.37	202	4258	0.107	ng	# 99
28) Pyrene	19.73	202	4758	0.117	ng	# 99
30) Benzo(a)anthracene	21.48	228	5240	0.122	ng	# 89
31) Chrysene	21.52	228	4972	0.104	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.39	149	15054	0.480	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.75	276	6369	0.153	ng	# 86
35) Benzo(b)fluoranthene	23.26	252	5109	0.113	ng	# 57
36) Benzo(k)fluoranthene	23.31	252	5216	0.104	ng	# 57
37) Benzo(a)pyrene	23.93	252	4853	0.119	ng	# 49
38) Dibenzo(a,h)anthracene	26.78	278	5112	0.127	ng	# 63
39) Benzo(g,h,i)perylene	27.59	276	5671	0.134	ng	# 75

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

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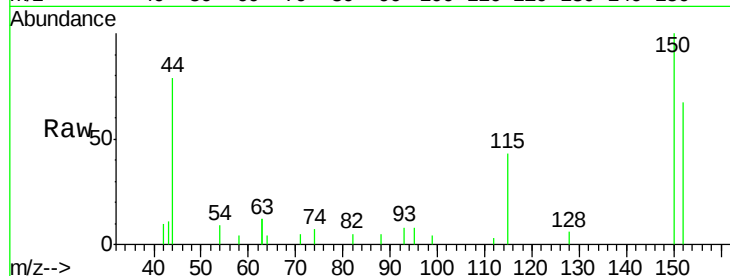


#1

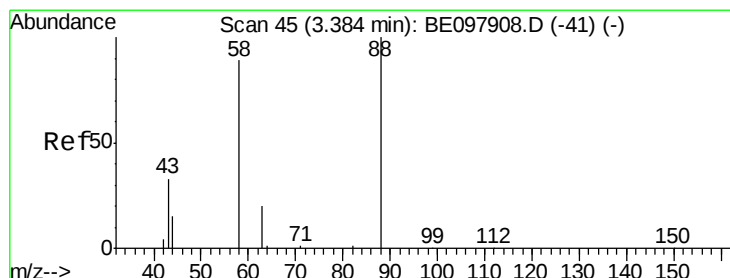
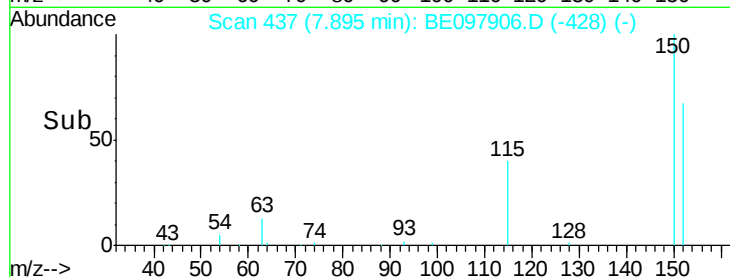
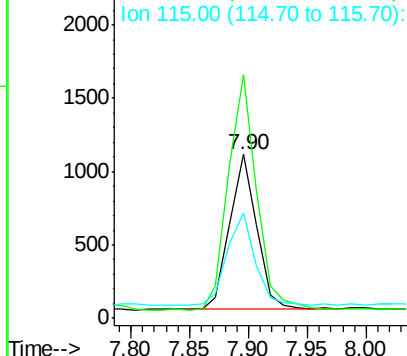
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.01 min
Lab File: BE097906.D
Acq: 16 Oct 2018 12:01

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:152 Resp: 1674
Ion Ratio Lower Upper
152 100
150 148.8 118.2 177.4
115 64.6 50.9 76.3



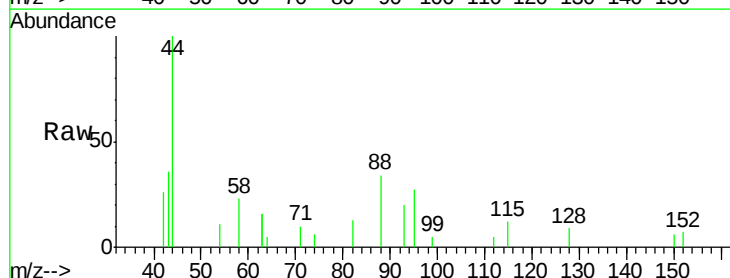
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



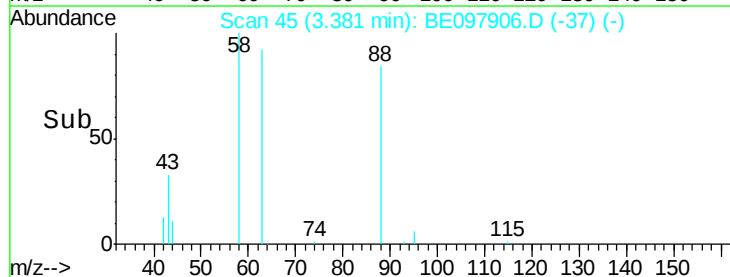
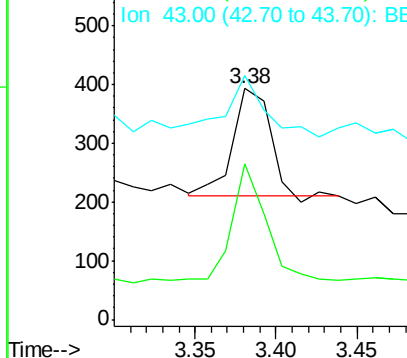
#2

1,4-Dioxane
Concen: 0.086 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097906.D
Acq: 16 Oct 2018 12:01

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
58 105.9 73.2 109.8
43 65.6 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

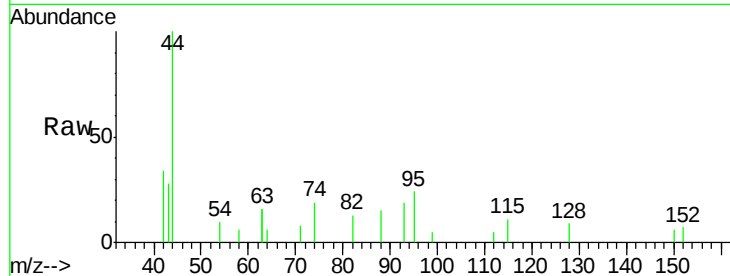




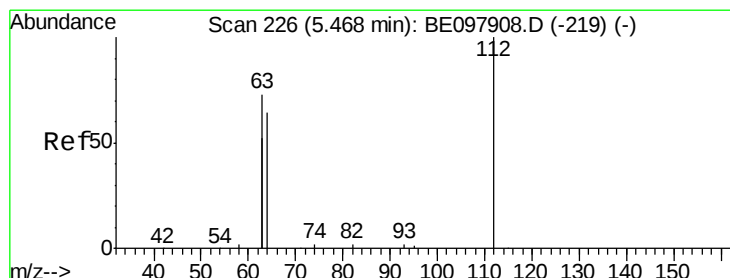
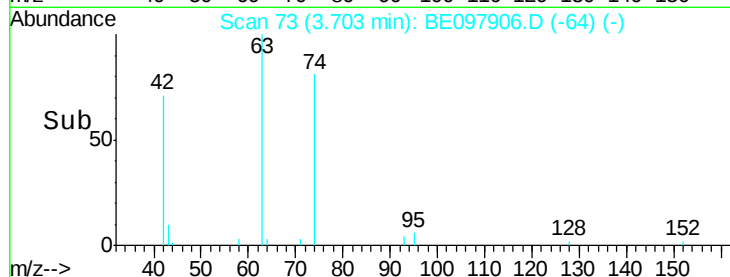
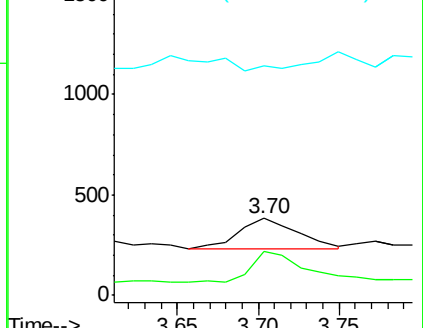
#3
 n-Nitrosodimethylamine
 Concen: 0.123 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE097906.D
 Acq: 16 Oct 2018 12:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 42 Resp: 373
 Ion Ratio Lower Upper
 42 100
 74 91.2 77.6 116.4
 44 0.0 7.6 11.4#

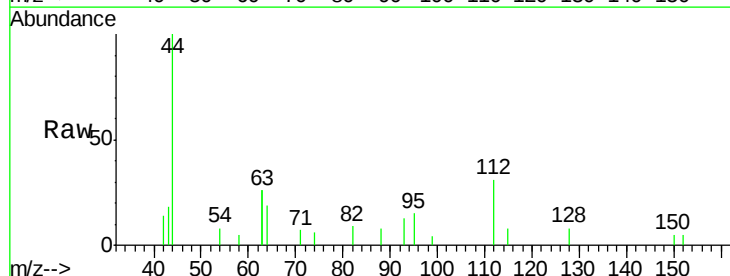


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

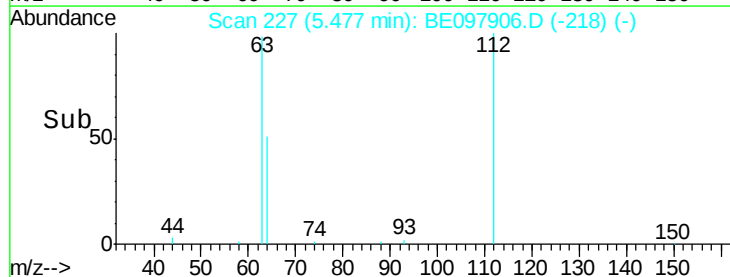
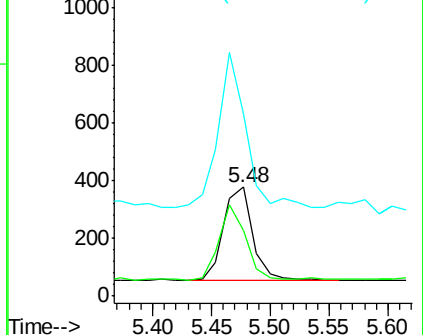


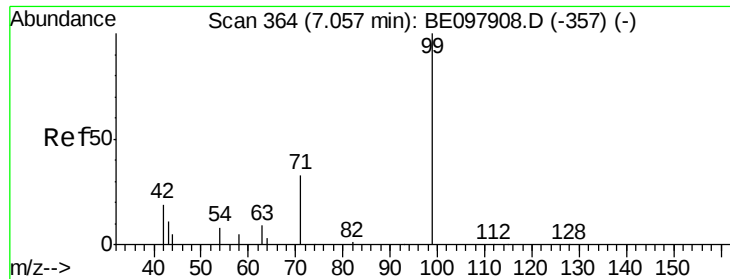
#4
 2-Fluorophenol
 Concen: 0.144 ng
 RT: 5.48 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BE097906.D
 Acq: 16 Oct 2018 12:01

Tgt Ion: 112 Resp: 571
 Ion Ratio Lower Upper
 112 100
 64 72.0 58.9 88.3
 63 151.8 120.3 180.5



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: 0.139 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

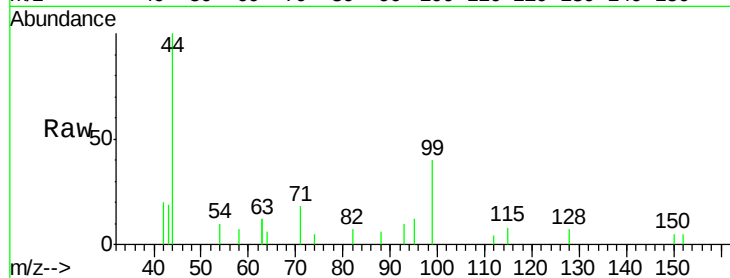
Tgt Ion: 99 Resp: 844

Ion Ratio Lower Upper

99 100

42 30.8 19.9 29.9#

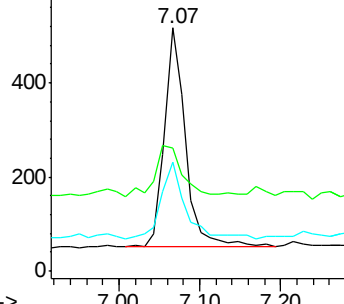
71 41.2 27.8 41.8



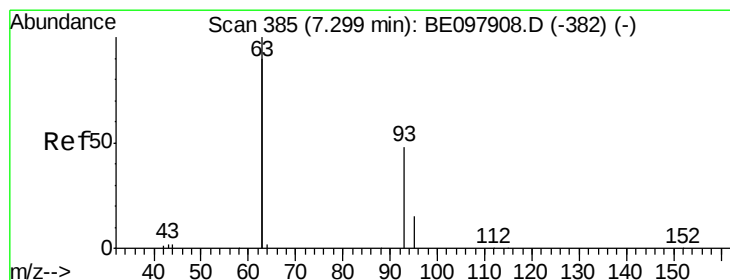
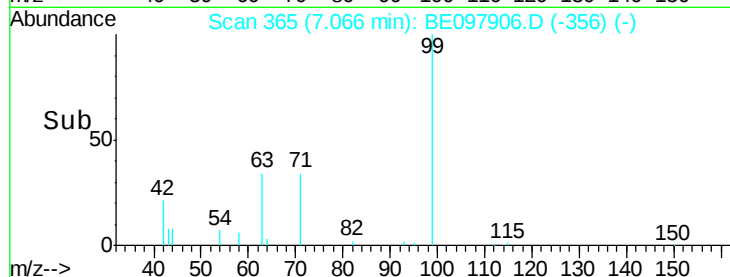
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.117 ng

RT: 7.32 min Scan# 387

Delta R.T. 0.02 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

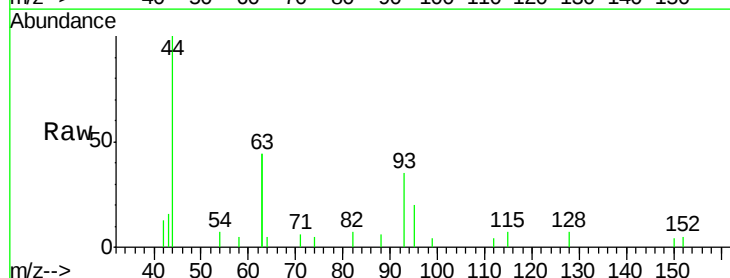
Tgt Ion: 93 Resp: 732

Ion Ratio Lower Upper

93 100

63 297.8 259.0 388.4

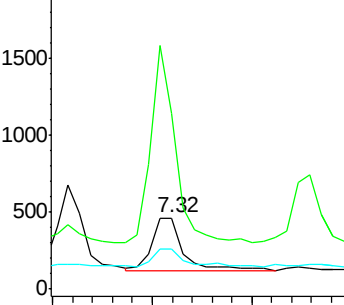
95 30.9 27.8 41.8



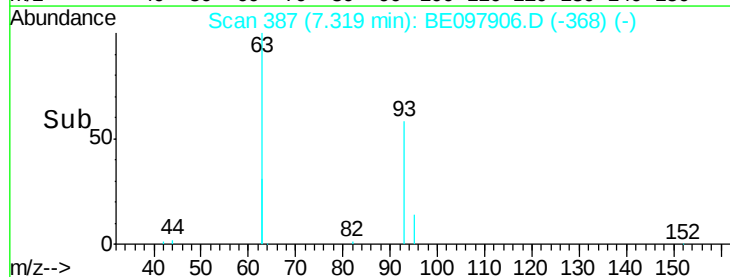
Abundance Ion 93.00 (92.70 to 93.70): BE0

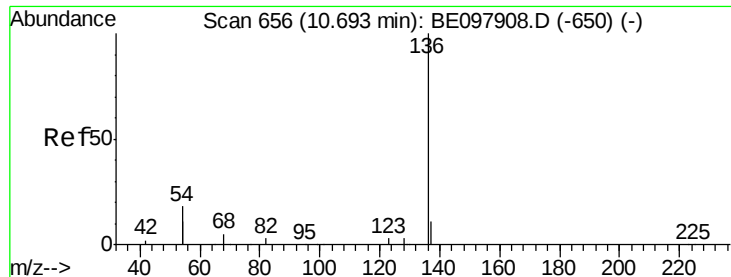
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 7206

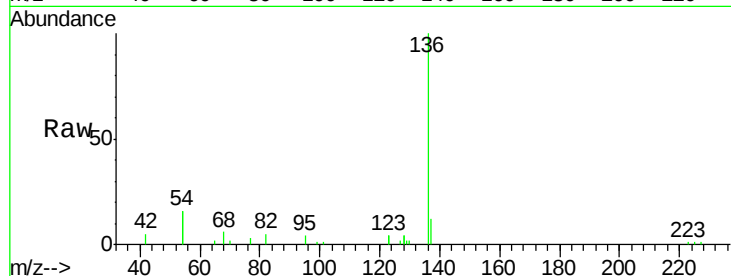
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 31.1 27.7 41.5

68 6.3 5.3 7.9

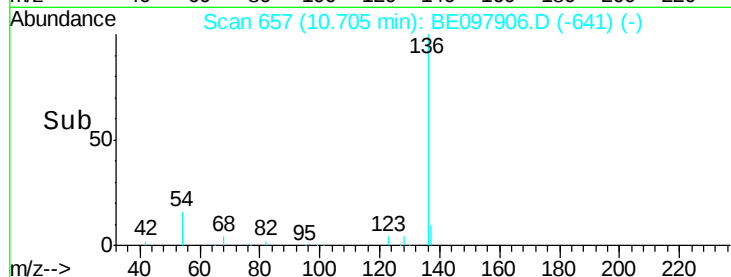


Abundance Ion 136.00 (135.70 to 136.70): E

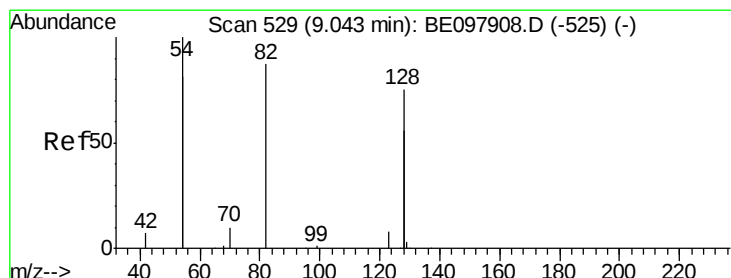
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.314 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

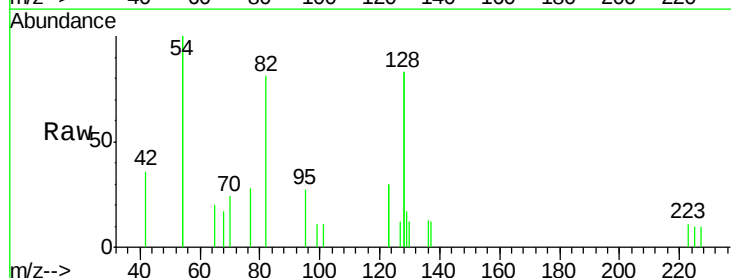
Tgt Ion: 82 Resp: 735

Ion Ratio Lower Upper

82 100

128 204.6 129.9 194.9#

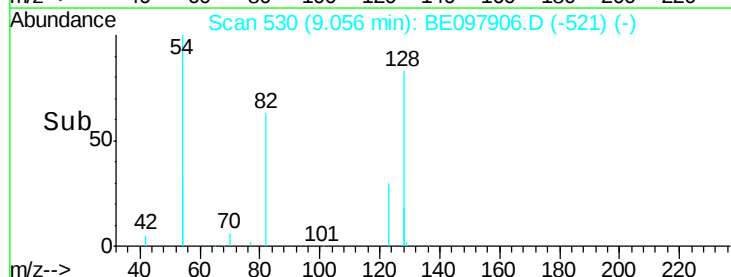
54 246.4 174.0 261.0



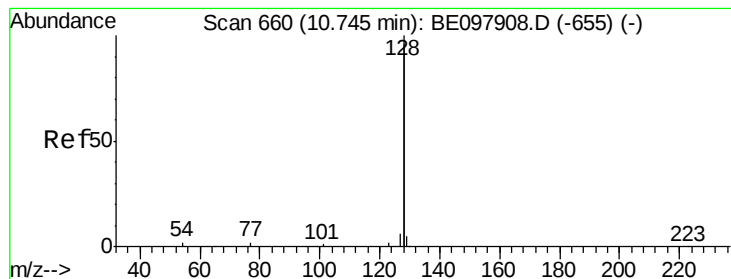
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.103 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

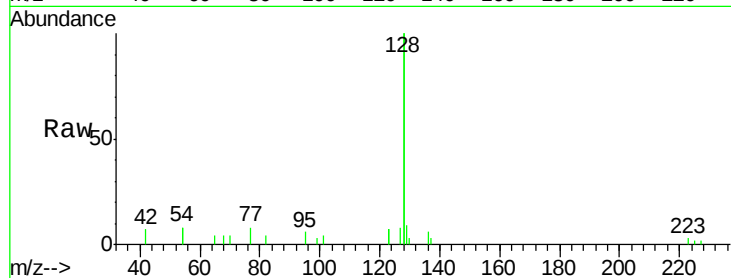
Tgt Ion:128 Resp: 7481

Ion Ratio Lower Upper

128 100

129 4.4 2.5 3.7#

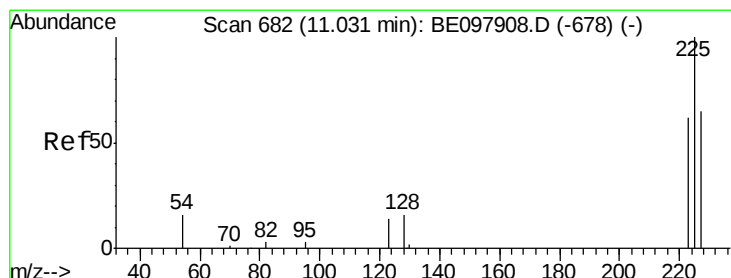
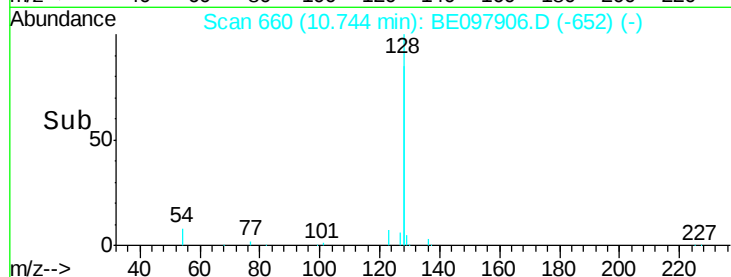
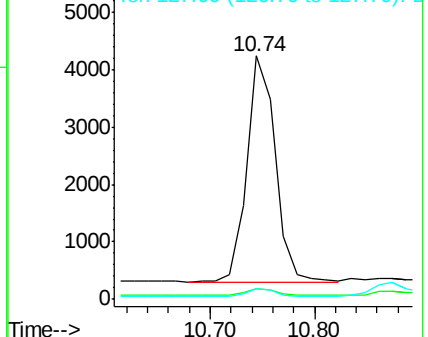
127 4.2 2.8 4.2#



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: 0.113 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

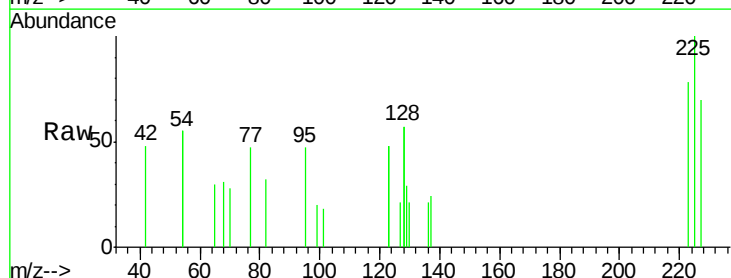
Tgt Ion:225 Resp: 436

Ion Ratio Lower Upper

225 100

223 63.5 51.8 77.8

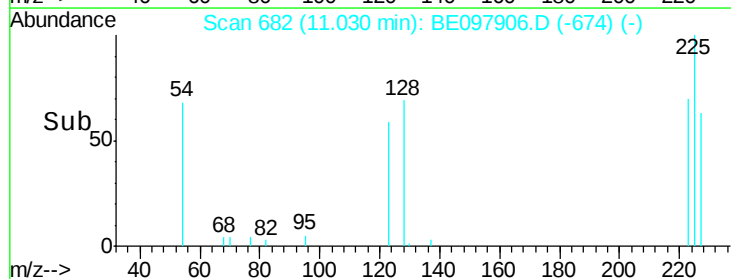
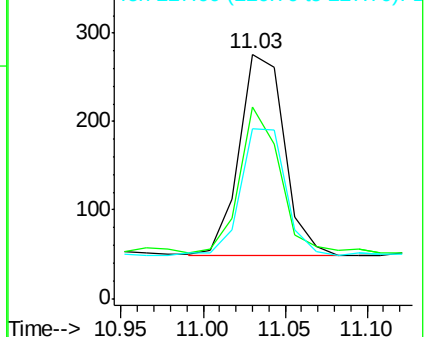
227 64.2 53.0 79.6

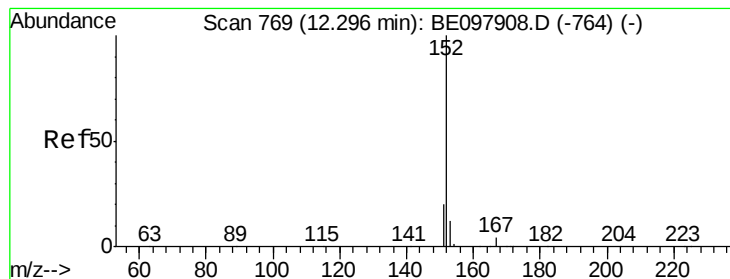


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.109 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

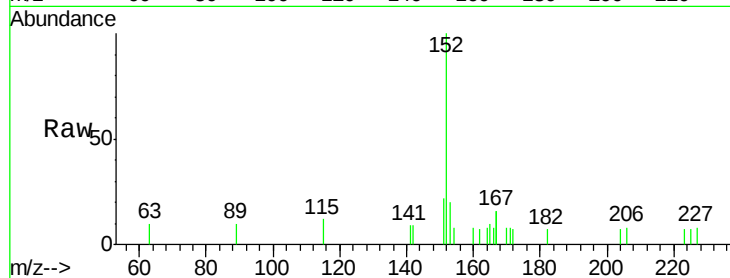
SSTDICC0.1

Tgt Ion:152 Resp: 1246

Ion Ratio Lower Upper

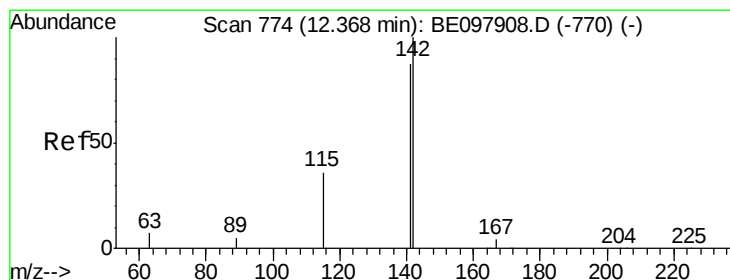
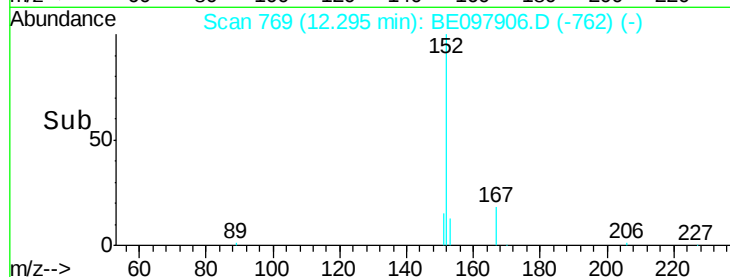
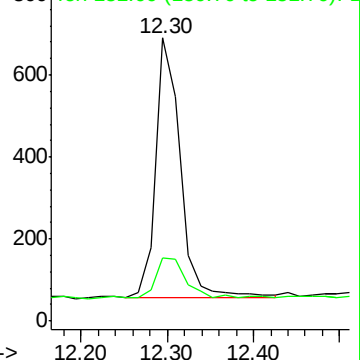
152 100

151 19.7 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: 0.107 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

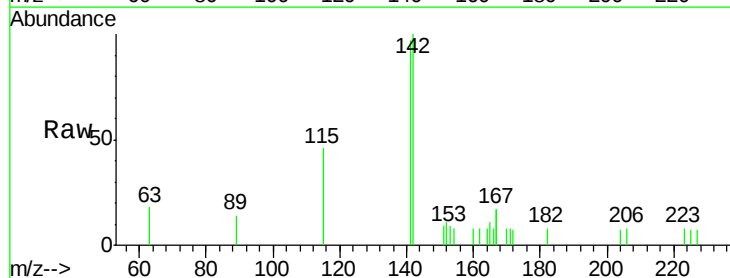
Tgt Ion:142 Resp: 1242

Ion Ratio Lower Upper

142 100

141 96.9 69.8 104.6

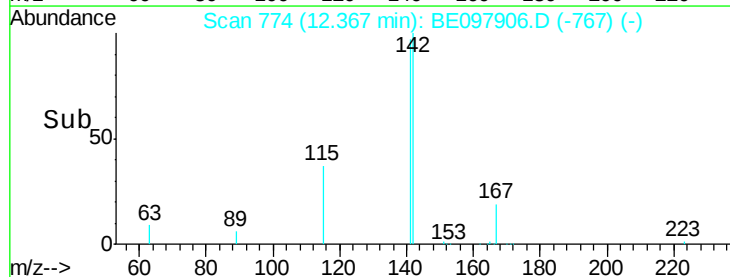
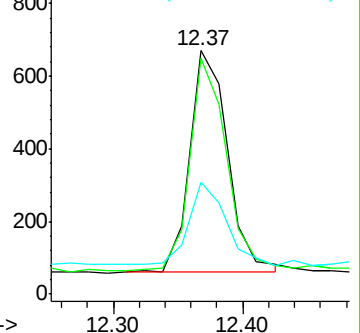
115 45.8 30.5 45.7#

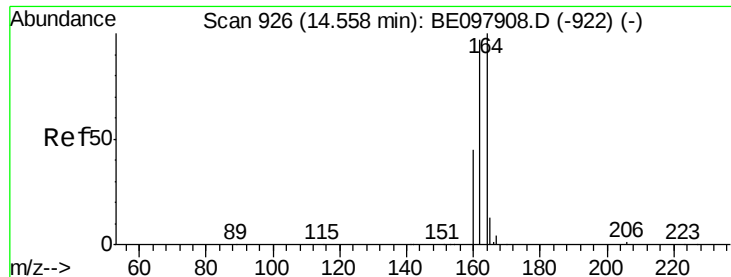


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

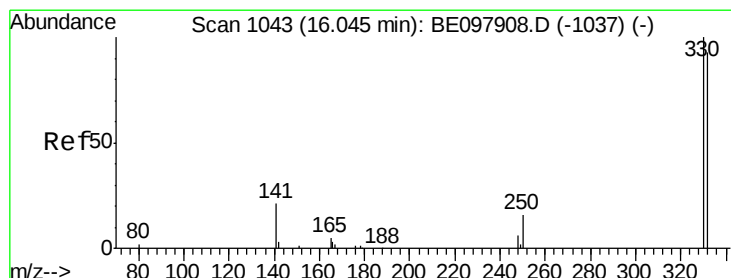
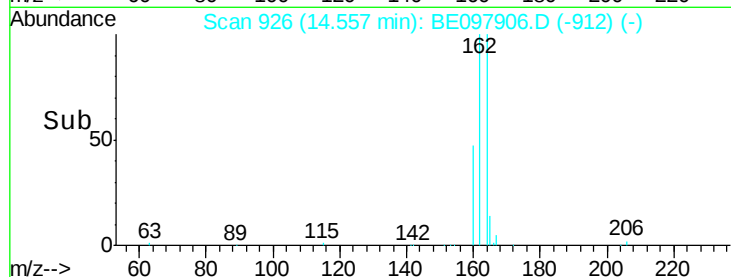
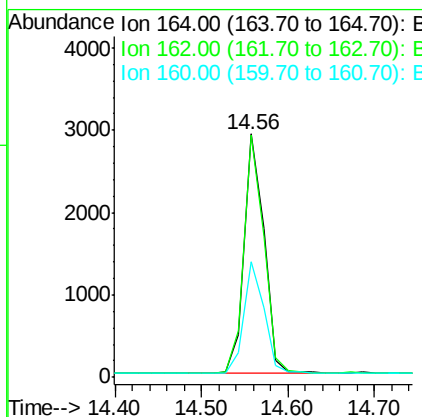
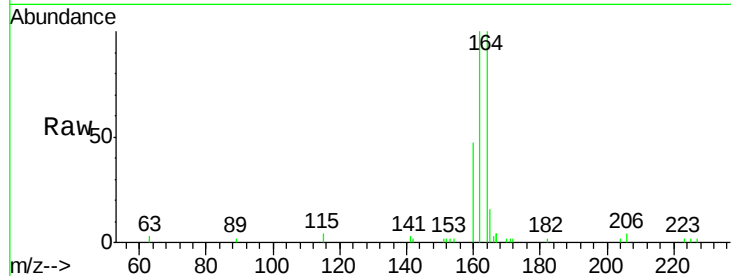




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097906.D
 Acq: 16 Oct 2018 12:01

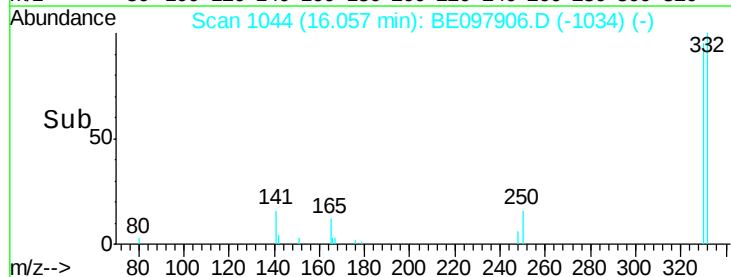
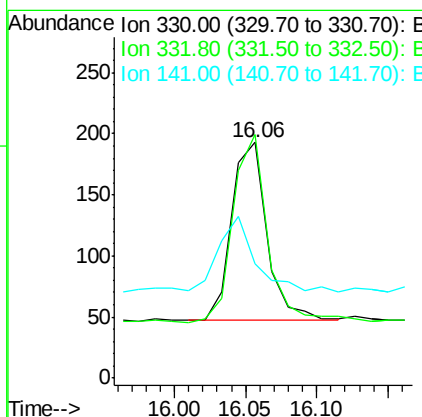
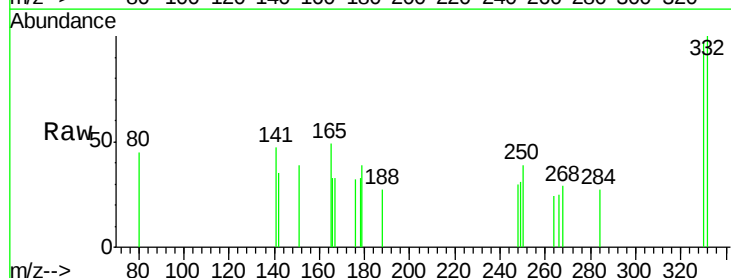
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

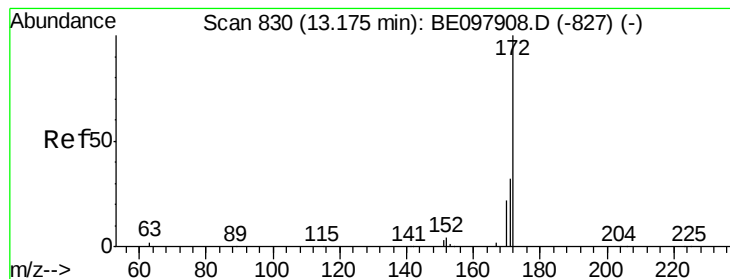
Tgt Ion:164 Resp: 4629
 Ion Ratio Lower Upper
 164 100
 162 99.6 77.4 116.2
 160 47.4 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.300 ng
 RT: 16.06 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BE097906.D
 Acq: 16 Oct 2018 12:01

Tgt Ion:330 Resp: 252
 Ion Ratio Lower Upper
 330 100
 332 106.0 76.5 114.7
 141 51.2 31.8 47.6#





#15

2-Fluorobiphenyl

Concen: 0.106 ng

RT: 13.19 min Scan# 831

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

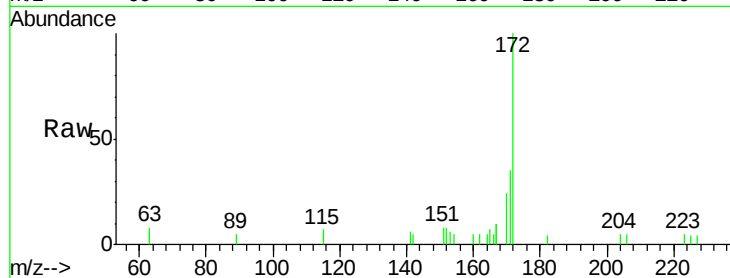
Tgt Ion:172 Resp: 2159

Ion Ratio Lower Upper

172 100

171 34.7 26.0 39.0

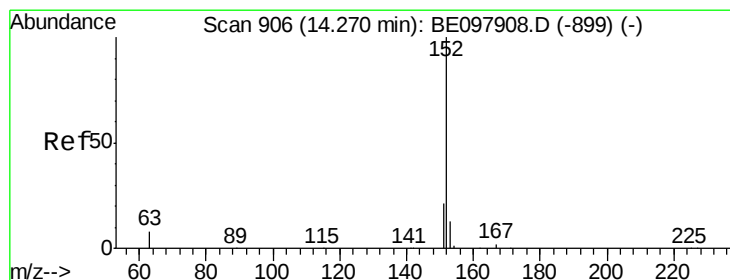
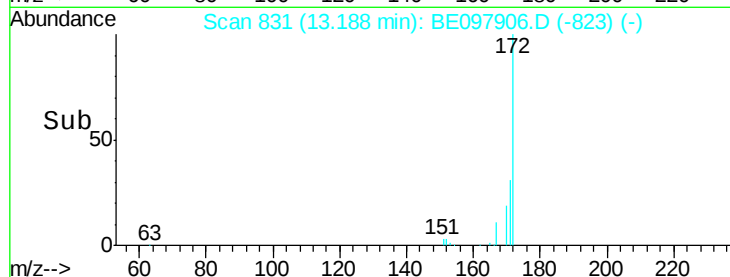
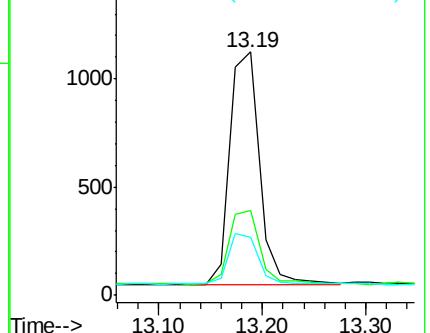
170 23.6 18.0 27.0



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: 0.105 ng

RT: 14.28 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

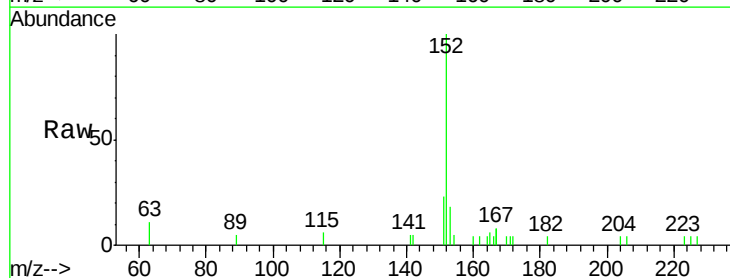
Tgt Ion:152 Resp: 2158

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

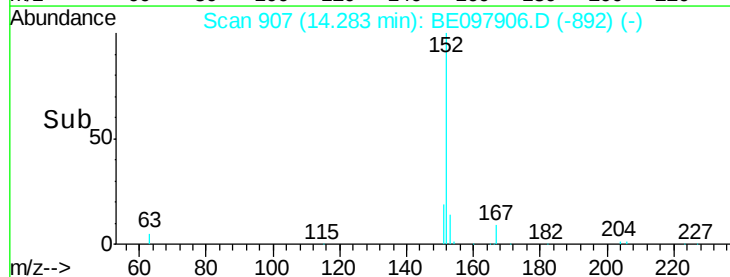
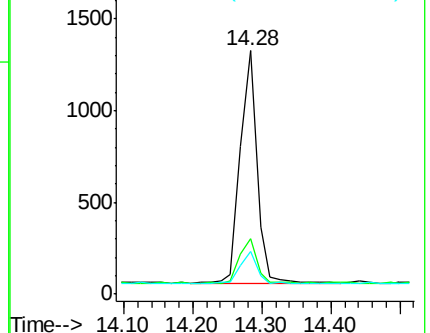
153 16.1 10.9 16.3

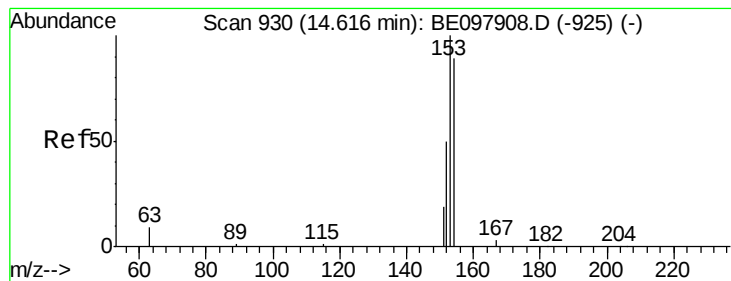


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.63 min Scan# 931

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

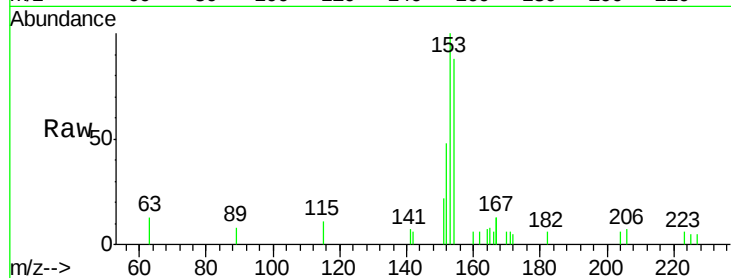
Tgt Ion:154 Resp: 1341

Ion Ratio Lower Upper

154 100

153 116.6 92.6 139.0

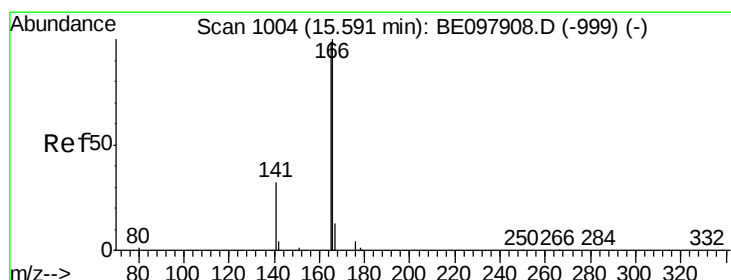
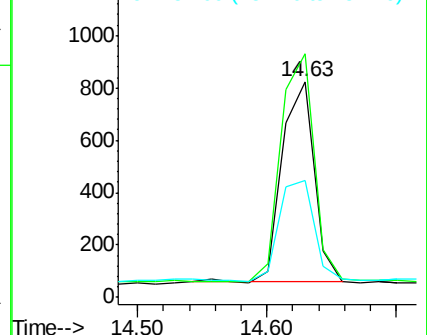
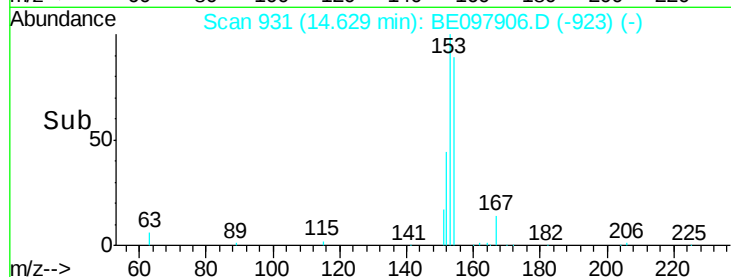
152 53.7 45.5 68.3



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: 0.105 ng

RT: 15.60 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

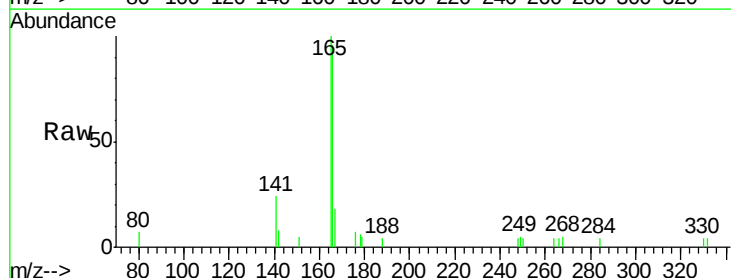
Tgt Ion:166 Resp: 1835

Ion Ratio Lower Upper

166 100

165 102.7 78.2 117.4

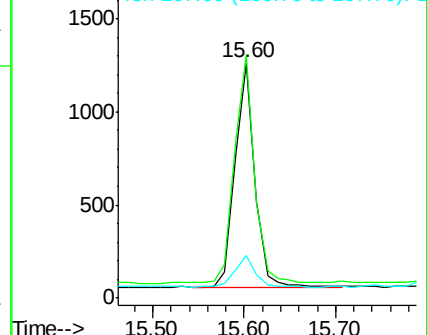
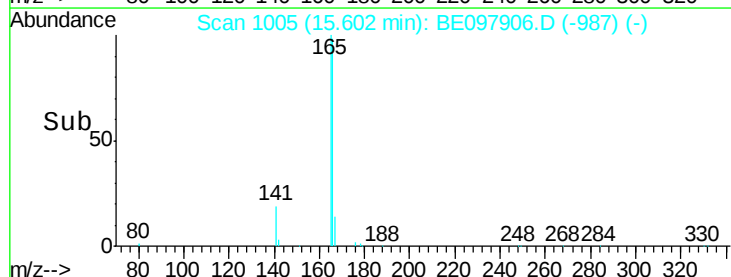
167 14.8 11.0 16.6

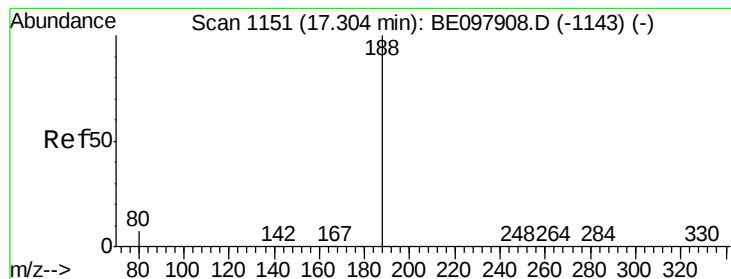


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

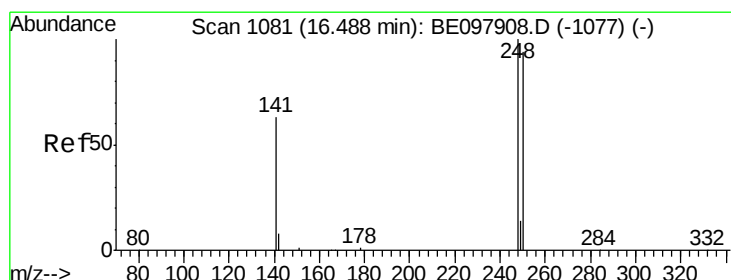
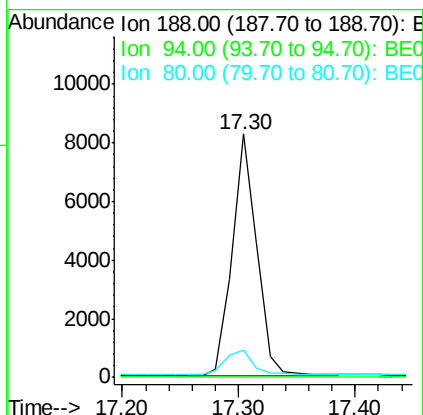
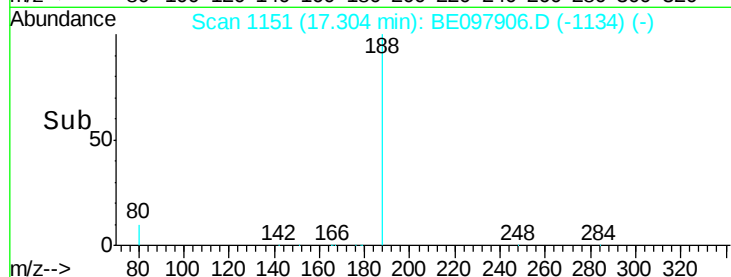
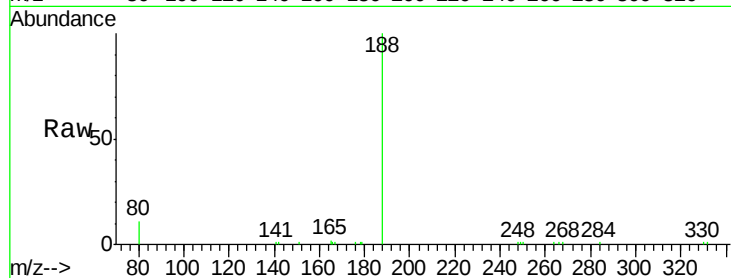
Tgt Ion:188 Resp: 12118

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.109 ng

RT: 16.50 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

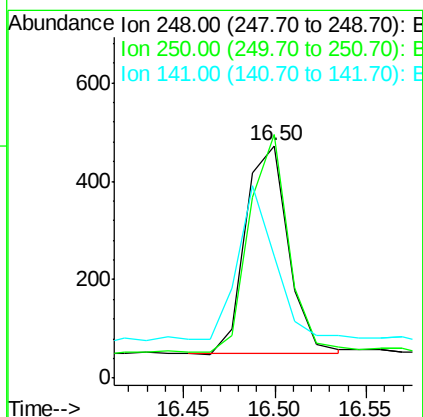
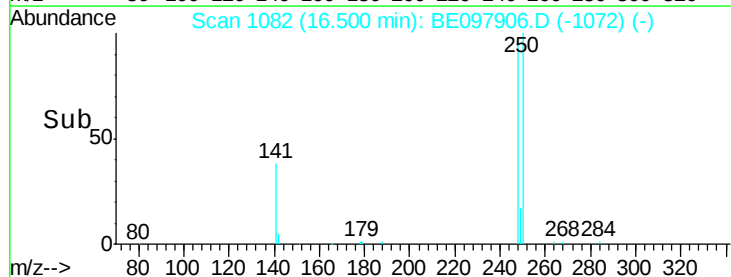
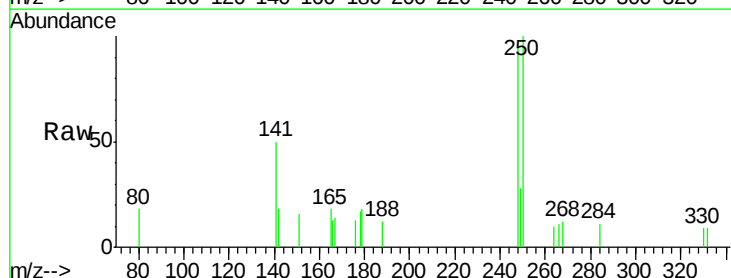
Tgt Ion:248 Resp: 690

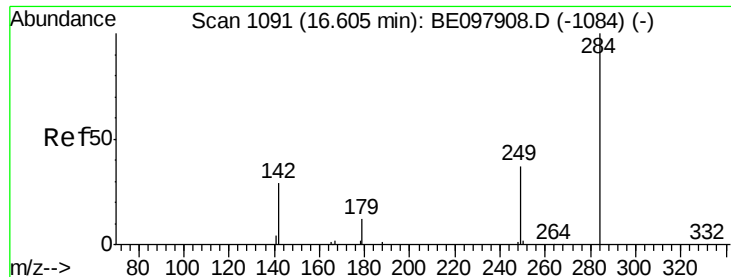
Ion Ratio Lower Upper

248 100

250 104.9 75.1 112.7

141 52.5 51.8 77.8

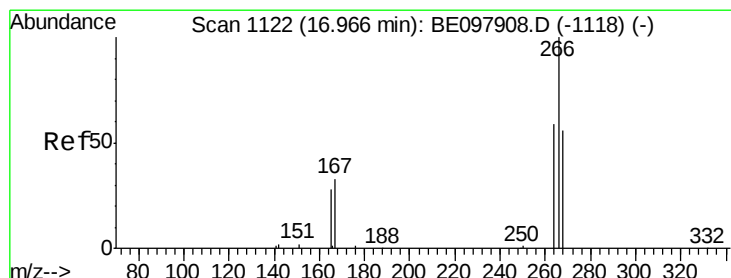
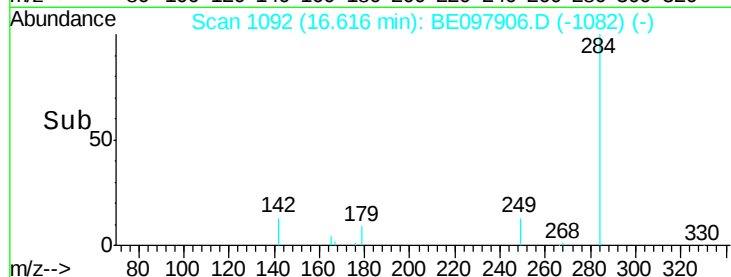
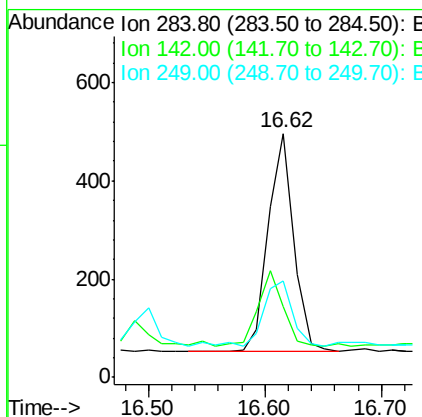
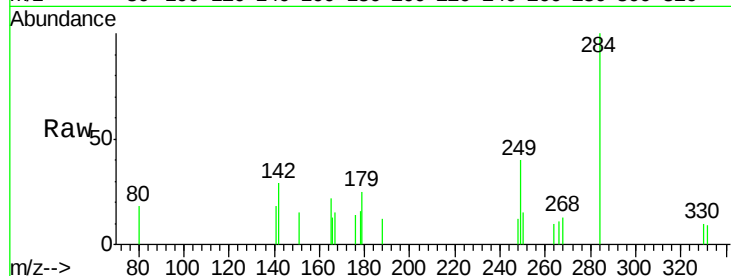




#21
Hexachlorobenzene
Concen: 0.094 ng
RT: 16.62 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE097906.D
Acq: 16 Oct 2018 12:01

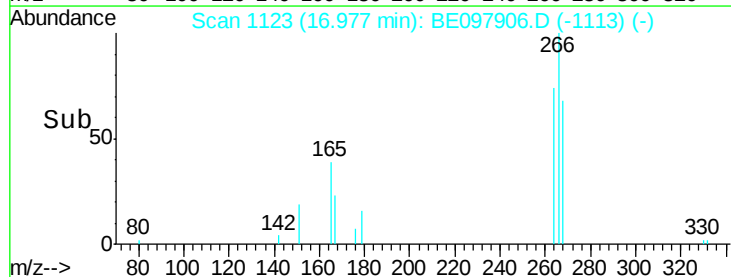
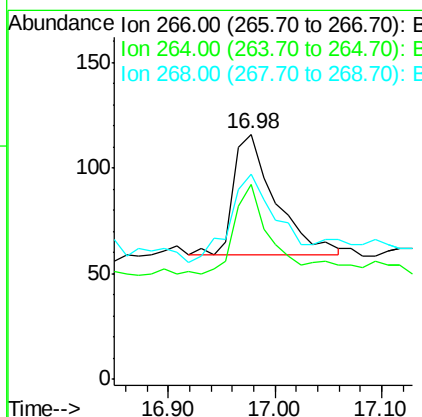
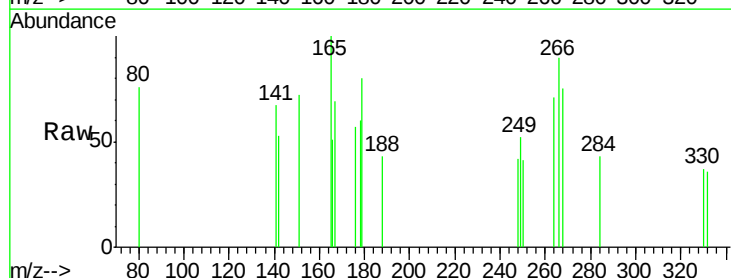
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

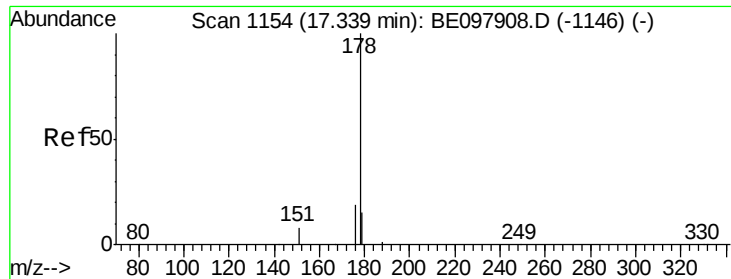
Tgt Ion: 284 Resp: 673
Ion Ratio Lower Upper
284 100
142 35.2 25.9 38.9
249 35.4 26.6 40.0



#22
Pentachlorophenol
Concen: 0.137 ng
RT: 16.98 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE097906.D
Acq: 16 Oct 2018 12:01

Tgt Ion: 266 Resp: 154
Ion Ratio Lower Upper
266 100
264 79.3 51.3 76.9#
268 83.6 50.1 75.1#





#23

Phenanthrene

Concen: 0.104 ng

RT: 17.35 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

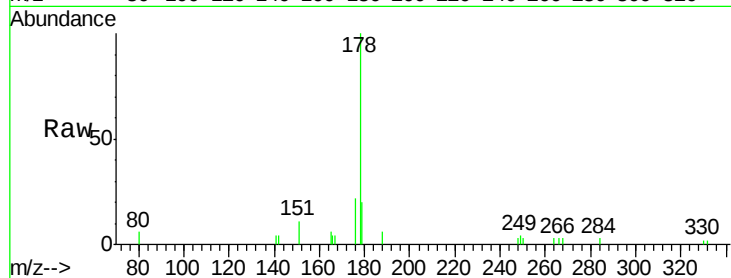
Tgt Ion:178 Resp: 3245

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

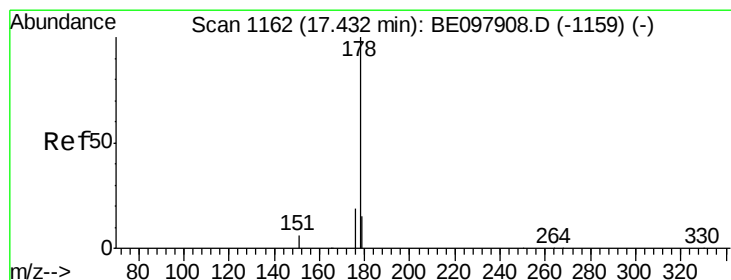
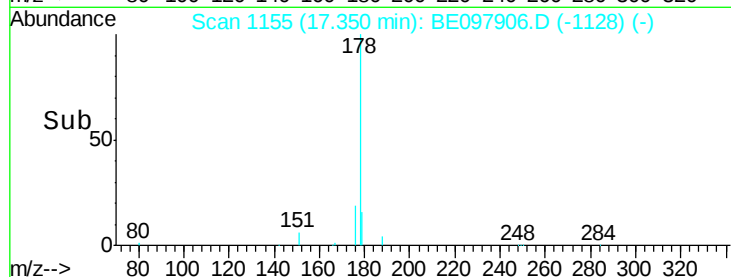
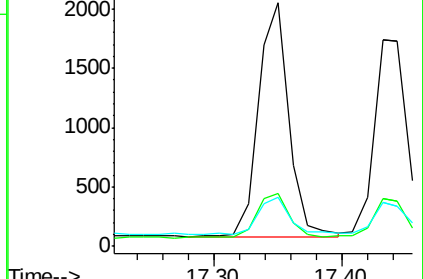
179 17.4 12.2 18.4



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: 0.108 ng

RT: 17.43 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

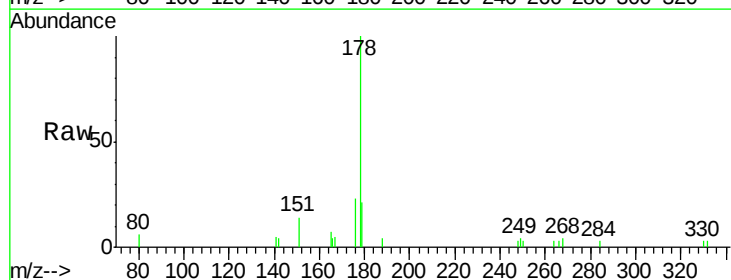
Tgt Ion:178 Resp: 2913

Ion Ratio Lower Upper

178 100

176 20.0 14.9 22.3

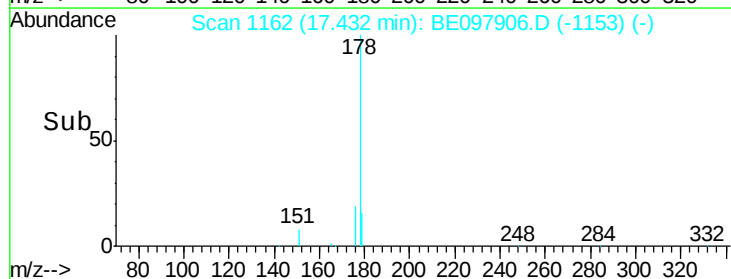
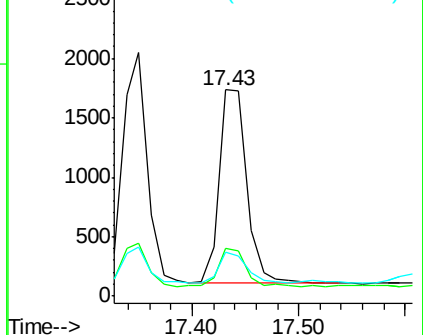
179 16.5 11.9 17.9

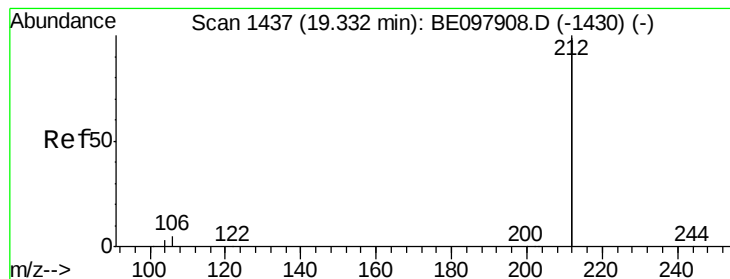


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.113 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

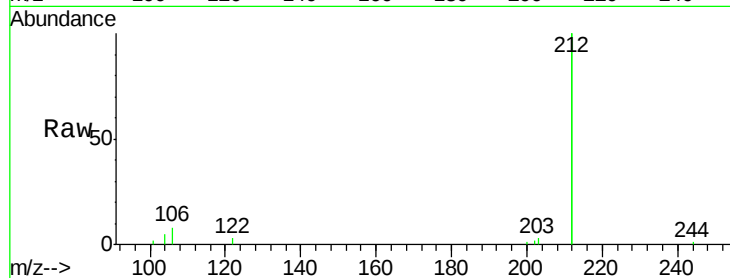
Tgt Ion:212 Resp: 17259

Ion Ratio Lower Upper

212 100

106 3.3 2.3 3.5

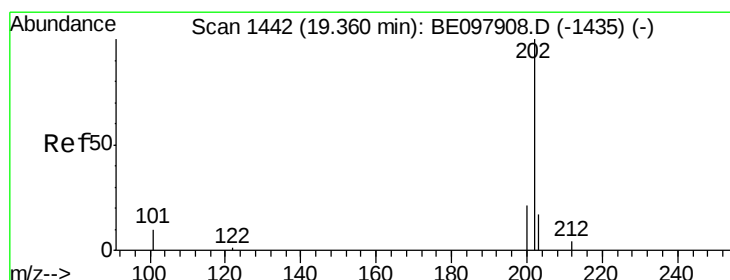
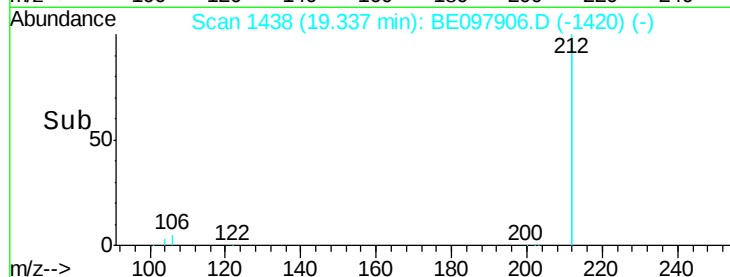
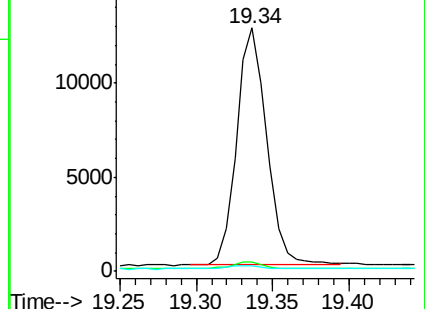
104 1.7 1.3 1.9



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: 0.107 ng

RT: 19.37 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

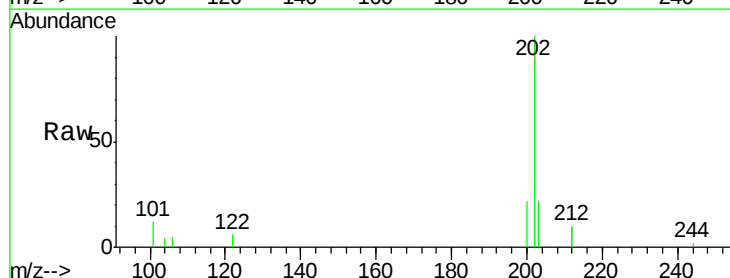
Tgt Ion:202 Resp: 4258

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

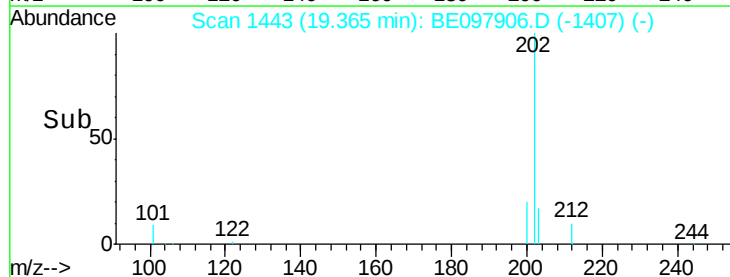
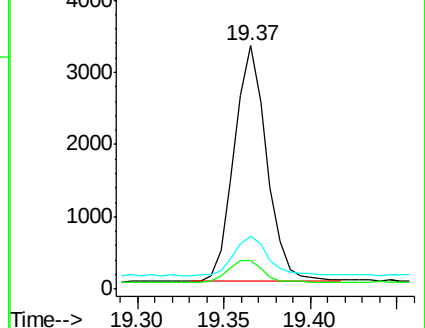
203 18.0 15.0 22.4

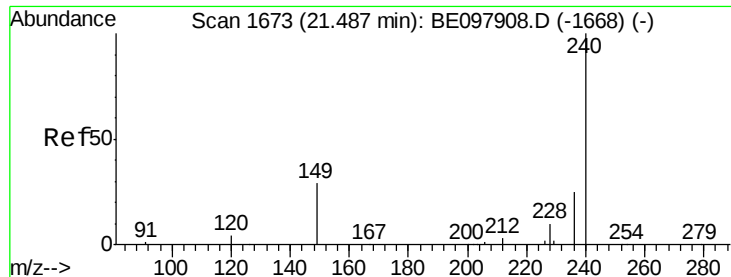


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

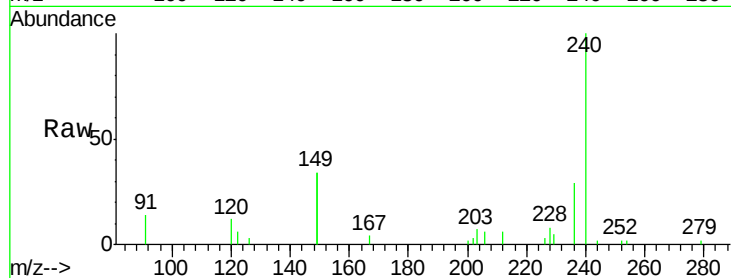
Tgt Ion:240 Resp: 15964

Ion Ratio Lower Upper

240 100

120 12.1 7.1 10.7#

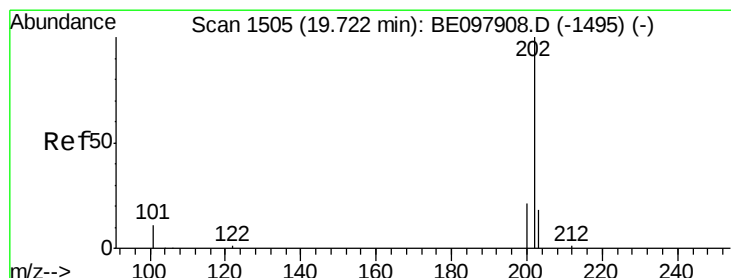
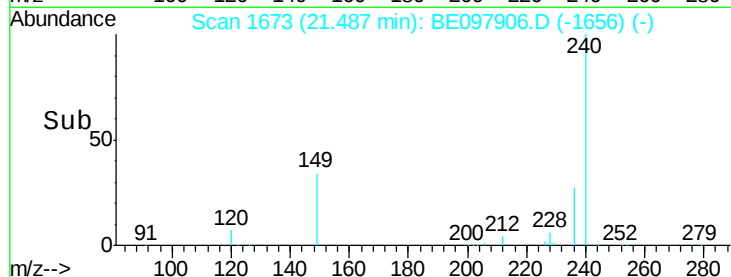
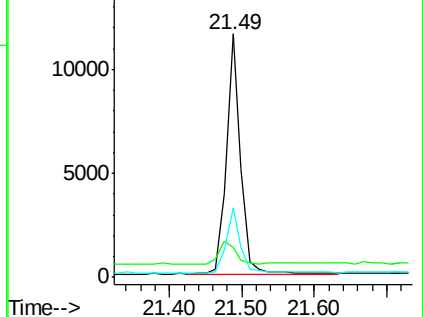
236 28.8 21.3 31.9



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: 0.117 ng

RT: 19.73 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

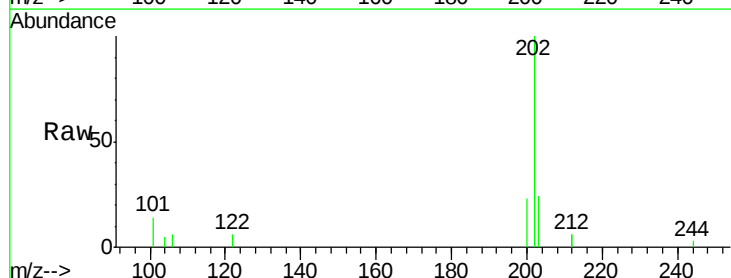
Tgt Ion:202 Resp: 4758

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

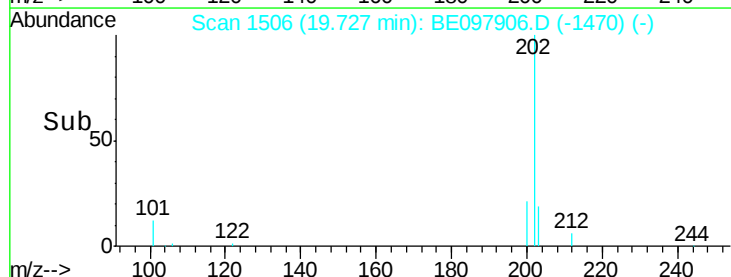
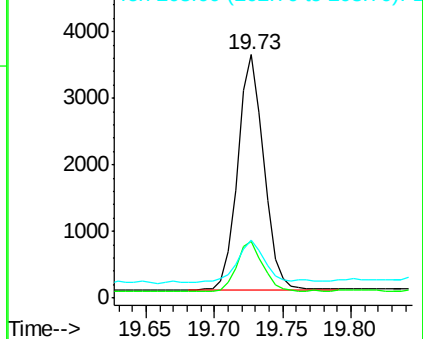
203 19.1 14.2 21.4

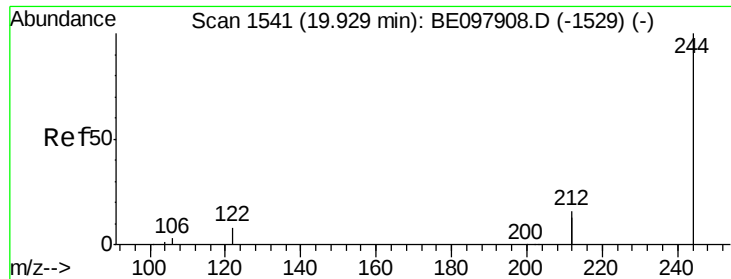


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.122 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

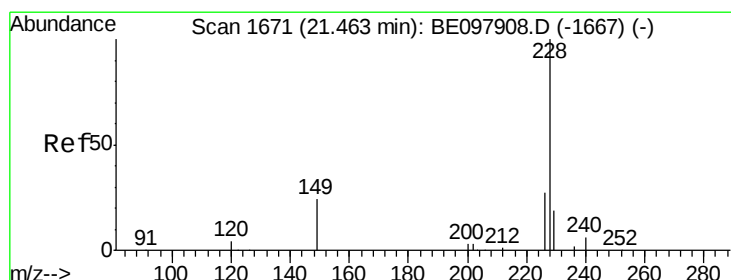
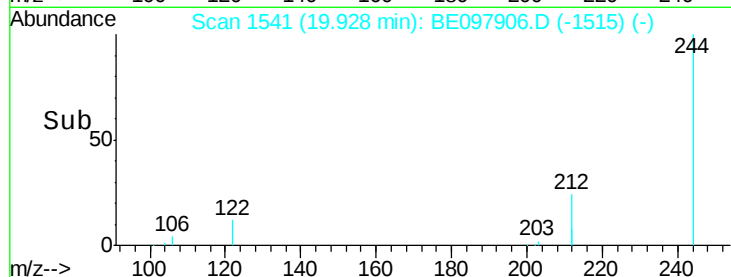
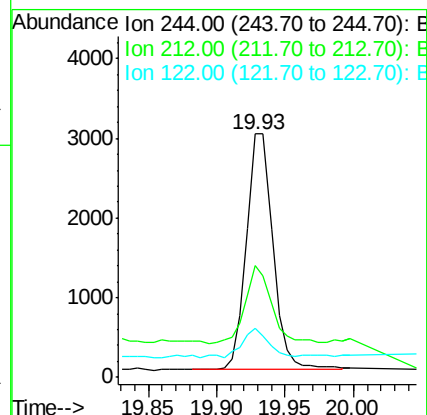
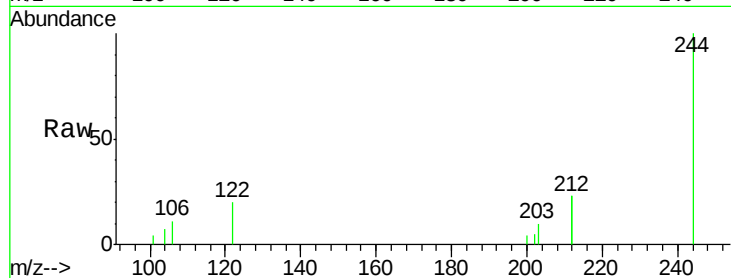
Tgt Ion:244 Resp: 3980

Ion Ratio Lower Upper

244 100

212 45.7 26.2 39.2#

122 20.1 7.7 11.5#



#30

Benzo(a)anthracene

Concen: 0.122 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

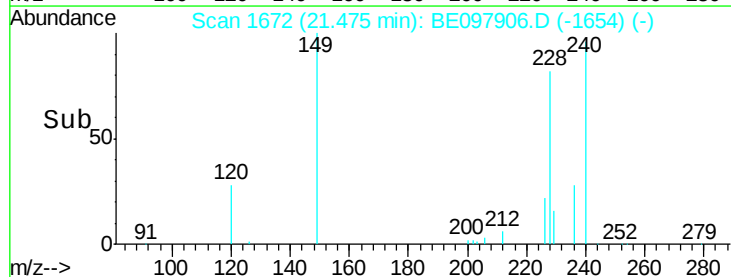
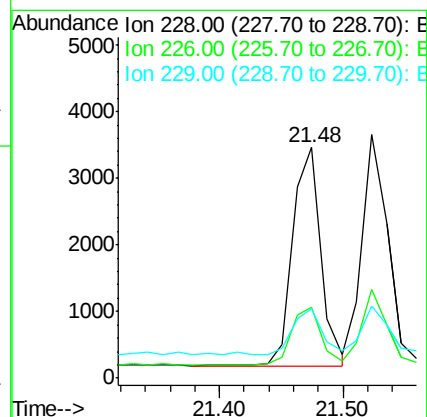
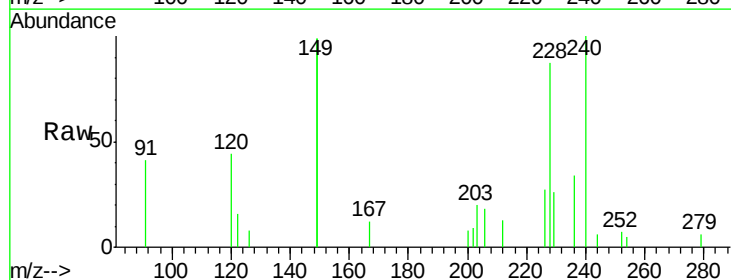
Tgt Ion:228 Resp: 5240

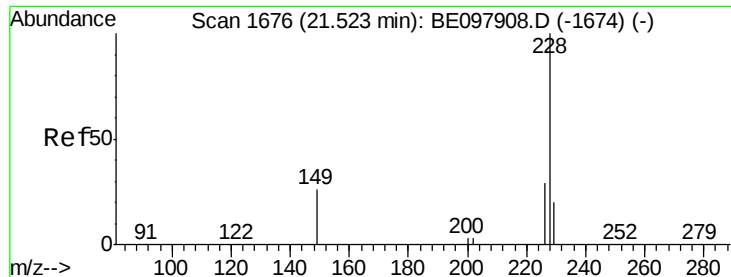
Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

229 30.1 16.9 25.3#





#31

Chrysene

Concen: 0.104 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

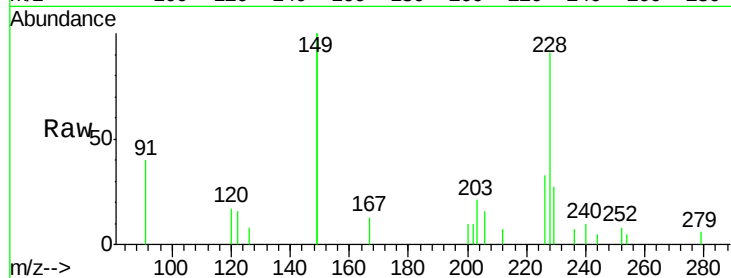
Tgt Ion: 228 Resp: 4972

Ion Ratio Lower Upper

228 100

226 36.2 24.3 36.5

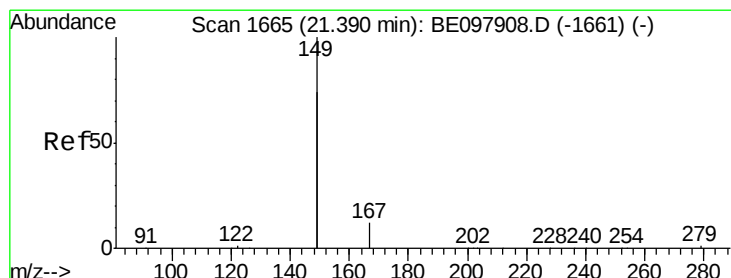
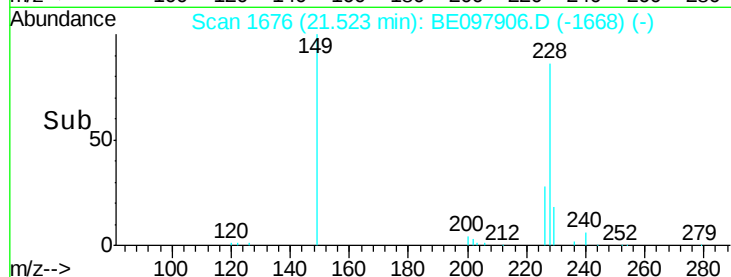
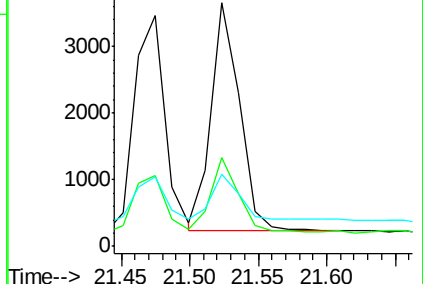
229 29.4 17.3 25.9#



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: 0.480 ng

RT: 21.39 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

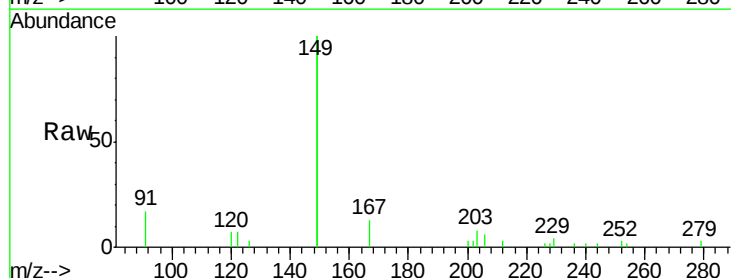
Tgt Ion: 149 Resp: 15054

Ion Ratio Lower Upper

149 100

167 8.5 5.6 8.4#

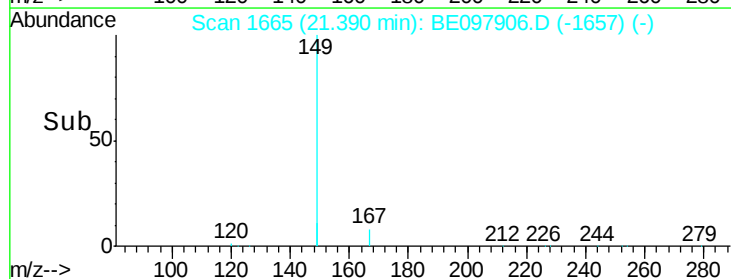
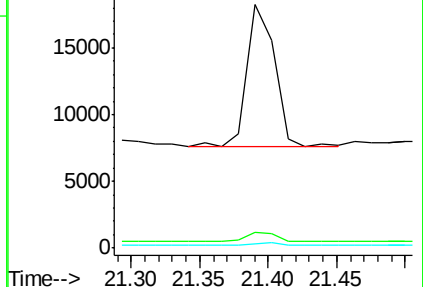
279 1.3 0.9 1.3#

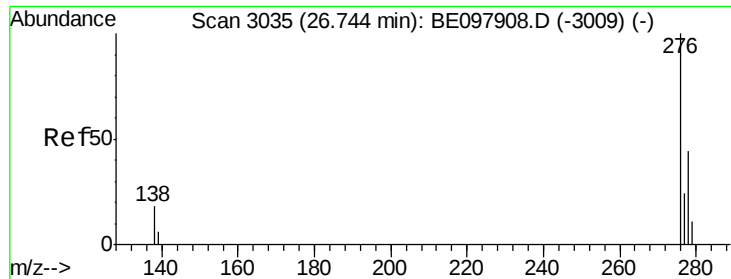


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.153 ng

RT: 26.75 min Scan# 3037

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

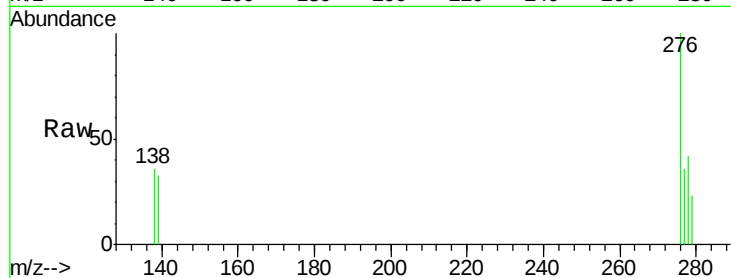
Tgt Ion:276 Resp: 6369

Ion Ratio Lower Upper

276 100

138 6.6 17.0 25.6#

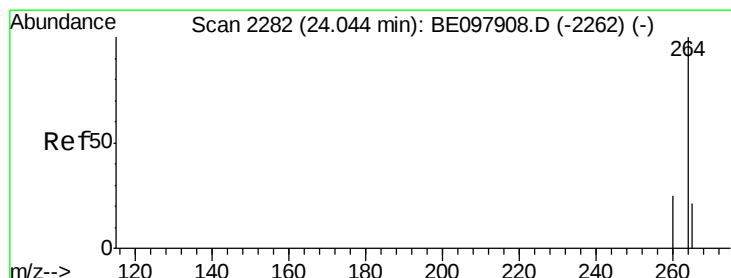
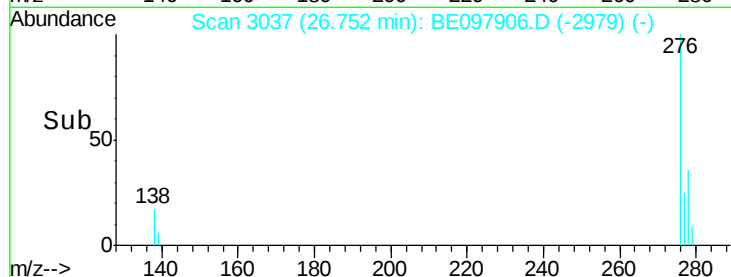
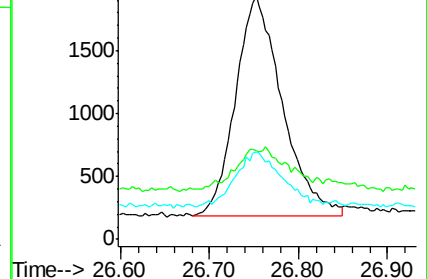
277 25.6 20.5 30.7



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: 24.05 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

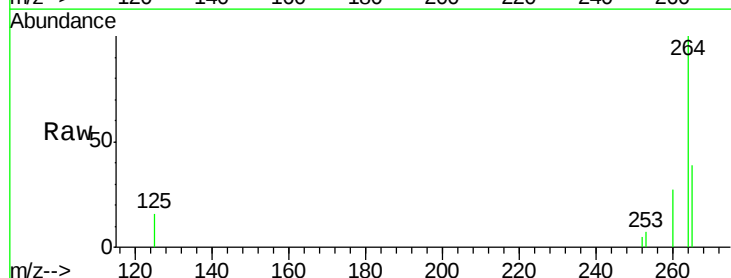
Tgt Ion:264 Resp: 16477

Ion Ratio Lower Upper

264 100

260 26.8 21.1 31.7

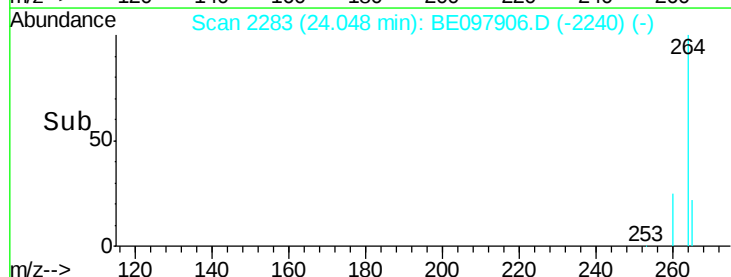
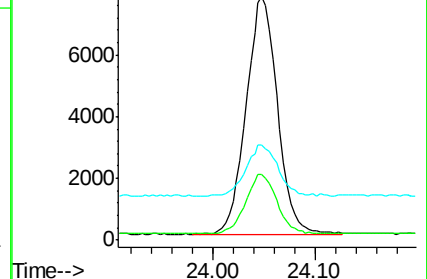
265 39.1 29.2 43.8

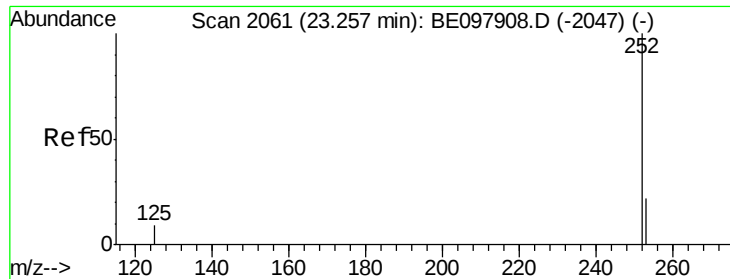


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.113 ng

RT: 23.26 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

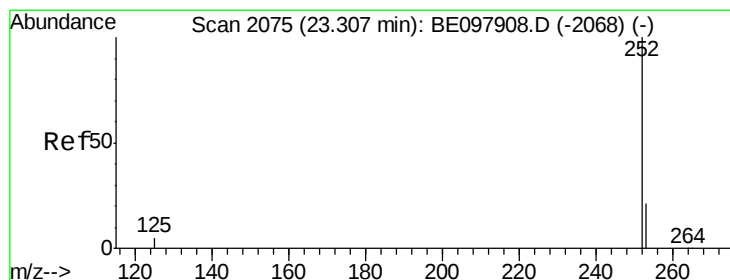
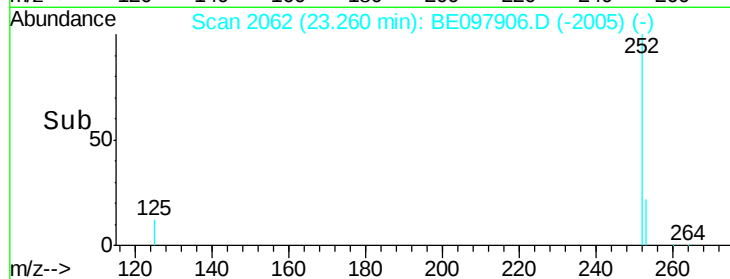
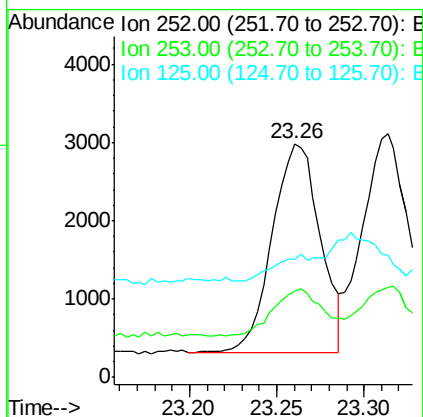
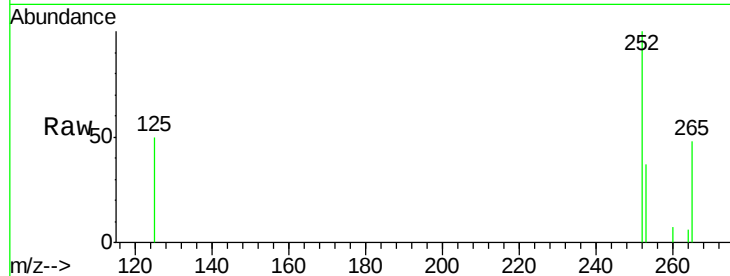
Tgt Ion:252 Resp: 5109

Ion Ratio Lower Upper

252 100

253 36.8 20.6 31.0#

125 50.4 14.3 21.5#



#36

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 23.31 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

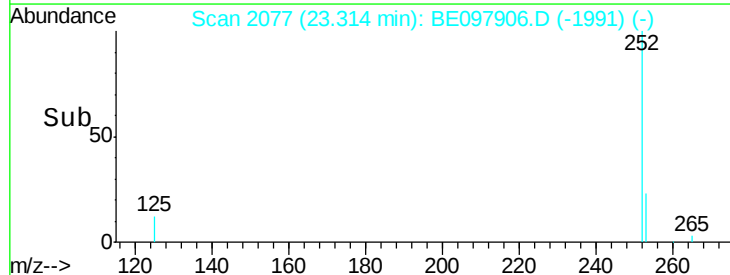
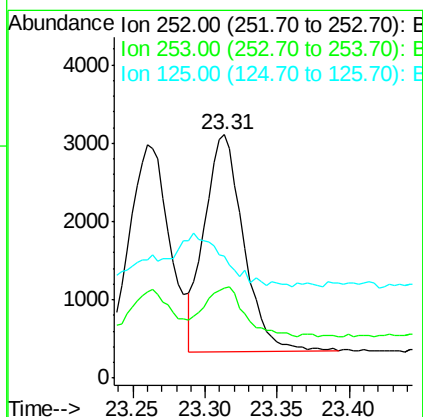
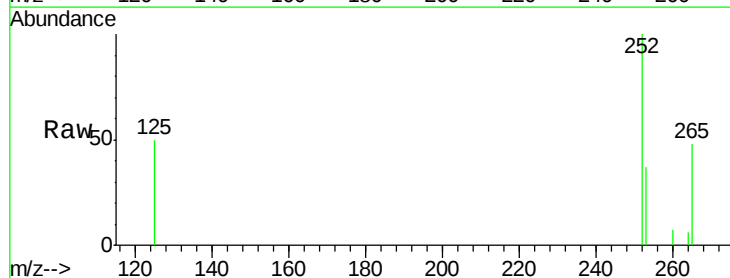
Tgt Ion:252 Resp: 5216

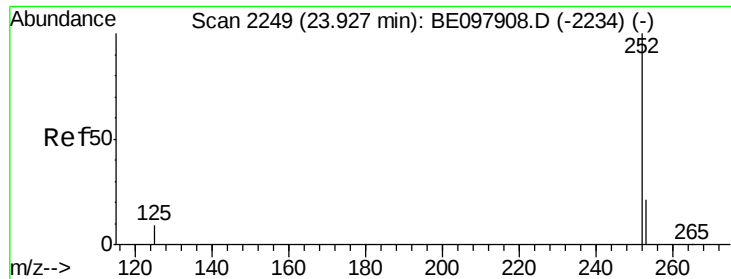
Ion Ratio Lower Upper

252 100

253 36.8 20.4 30.6#

125 49.9 14.6 21.8#





#37

Benzo(a)pyrene

Concen: 0.119 ng

RT: 23.93 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

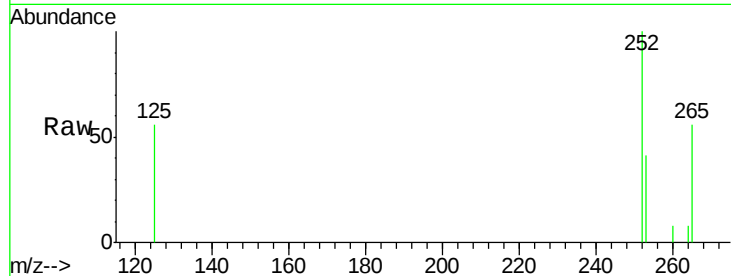
Tgt Ion: 252 Resp: 4853

Ion Ratio Lower Upper

252 100

253 40.7 20.6 31.0#

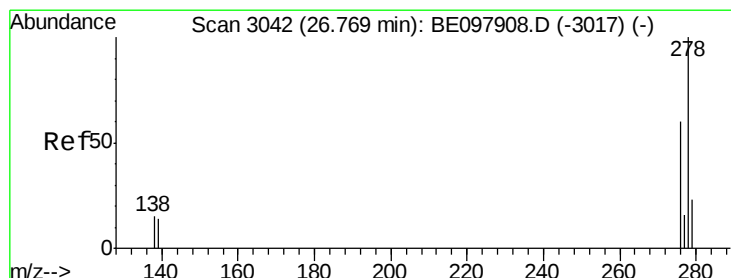
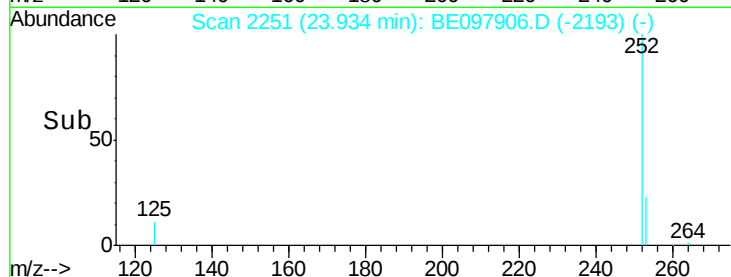
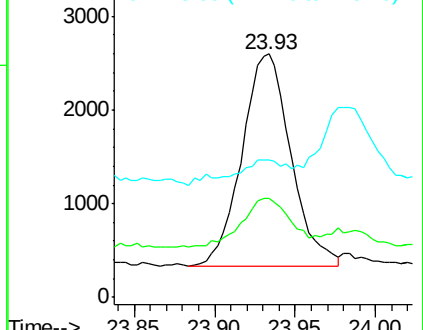
125 56.3 15.6 23.4#



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: 0.127 ng

RT: 26.78 min Scan# 3044

Delta R.T. 0.01 min

Lab File: BE097906.D

Acq: 16 Oct 2018 12:01

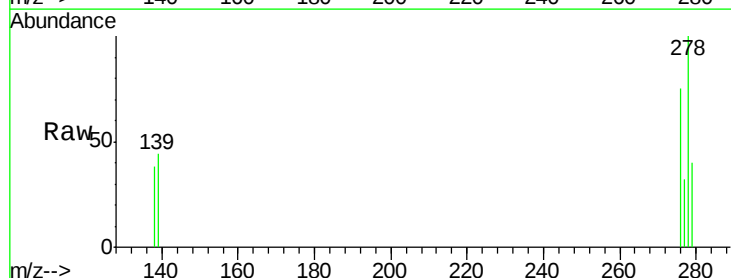
Tgt Ion: 278 Resp: 5112

Ion Ratio Lower Upper

278 100

139 44.5 16.3 24.5#

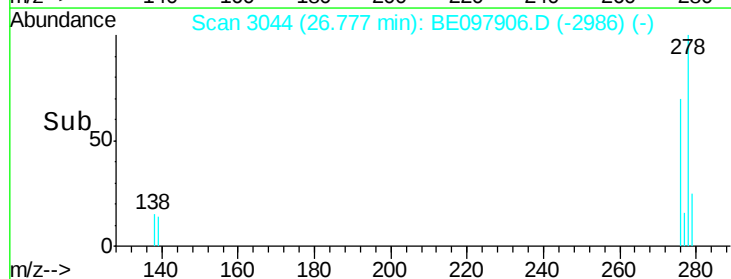
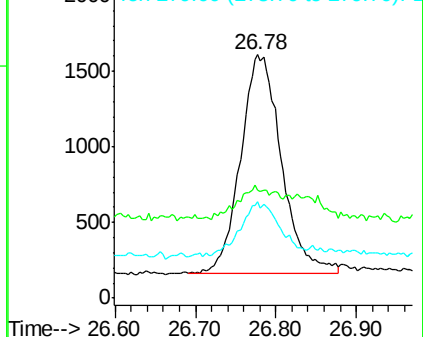
279 39.8 21.4 32.2#

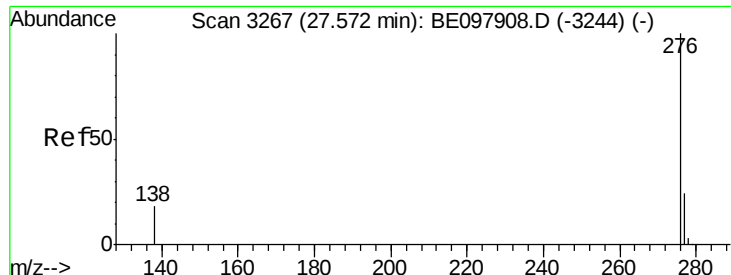


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.134 ng

RT: 27.59 min Scan# 3271

Delta R.T. 0.02 min

Lab File: BE097906.D

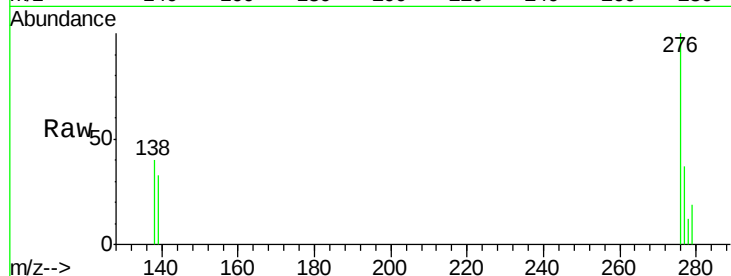
Acq: 16 Oct 2018 12:01

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



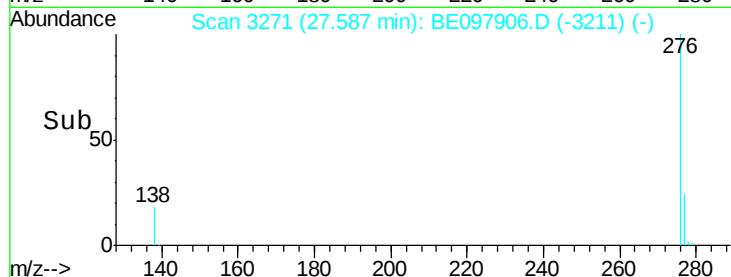
Tgt Ion: 276 Resp: 5671

Ion Ratio Lower Upper

276 100

277 37.2 22.1 33.1#

138 40.2 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

