

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097072.D
 Acq On : 24 Jul 2018 14:41
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Jul 25 00:37:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1204	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5804	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3439	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	9413	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8617	0.40	ng	0.00
34) Perylene-d12	23.21	264	7793	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1344	0.40	ng	0.00
5) Phenol-d6	6.59	99	1875	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	1973	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3303	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	443	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4954	0.42	ng	0.00
25) Fluoranthene-d10	18.81	212	36206	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	6745	0.41	ng	0.00

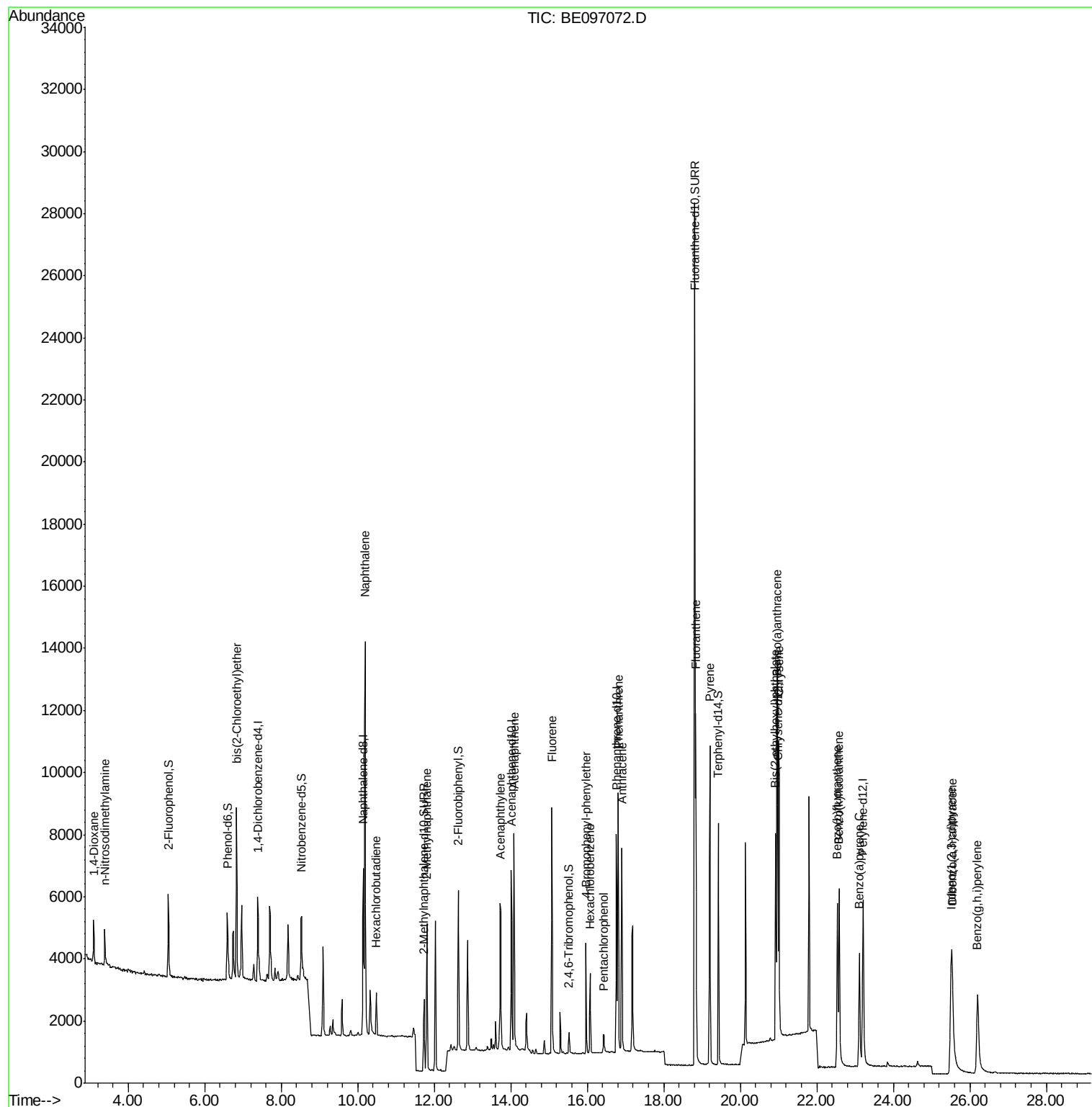
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	862	0.451	ng	# 91
3) n-Nitrosodimethylamine	3.38	42	864	0.404	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1821	0.402	ng	95
9) Naphthalene	10.20	128	21252	0.408	ng	100
10) Hexachlorobutadiene	10.48	225	989	0.424	ng	97
12) 2-Methylnaphthalene	11.81	142	3456	0.387	ng	98
16) Acenaphthylene	13.73	152	6196	0.401	ng	99
17) Acenaphthene	14.08	154	3604	0.402	ng	# 93
18) Fluorene	15.07	166	4731	0.399	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1849	0.404	ng	86
21) Hexachlorobenzene	16.08	284	2049	0.418	ng	# 84
22) Pentachlorophenol	16.44	266	432	0.382	ng	# 77
23) Phenanthrene	16.81	178	8995	0.401	ng	98
24) Anthracene	16.90	178	7797	0.389	ng	95
26) Fluoranthene	18.84	202	9886	0.393	ng	98
28) Pyrene	19.21	202	9600	0.406	ng	99
30) Benzo(a)anthracene	20.95	228	7948	0.371	ng	98
31) Chrysene	21.00	228	9648	0.420	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	8237	0.366	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	8071	0.388	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7146	0.361	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	8615	0.373	ng	94
37) Benzo(a)pyrene	23.11	252	6399	0.344	ng	93
38) Dibenzo(a,h)anthracene	25.53	278	6904	0.372	ng	97
39) Benzo(g,h,i)perylene	26.20	276	7161	0.363	ng	# 89

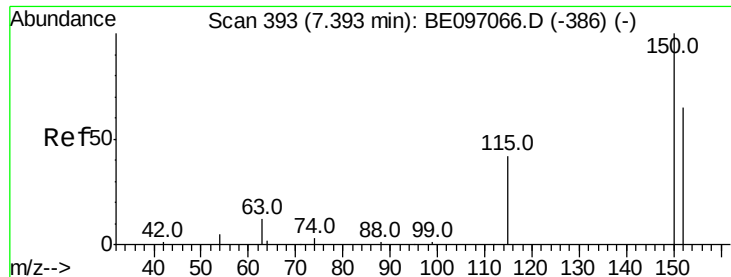
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BE097072.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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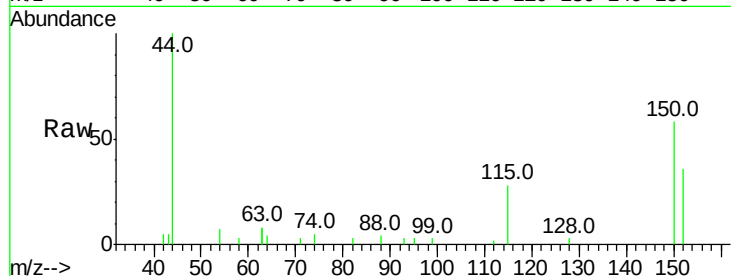


#1

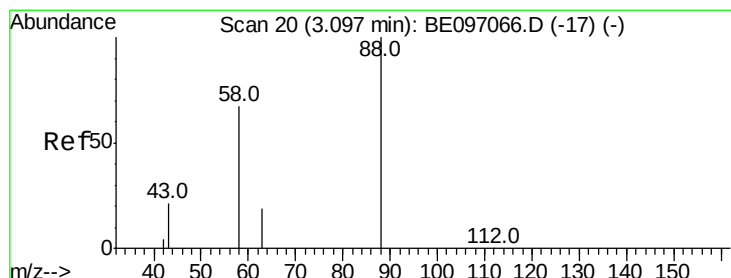
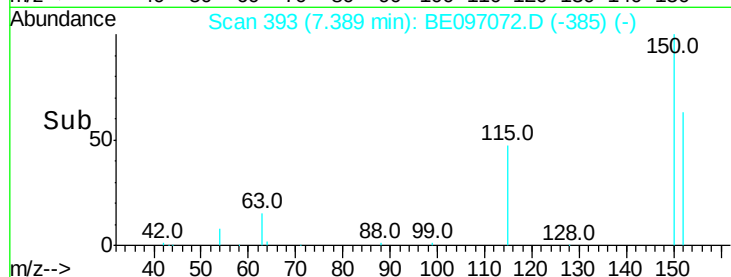
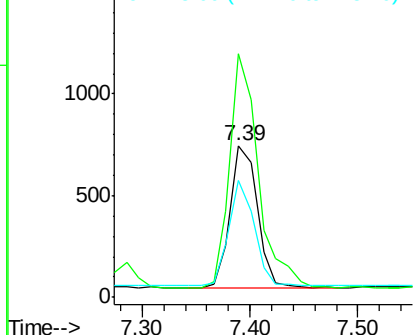
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 1204
Ion Ratio Lower Upper
152 100
150 160.5 117.2 175.8
115 76.7 57.0 85.6



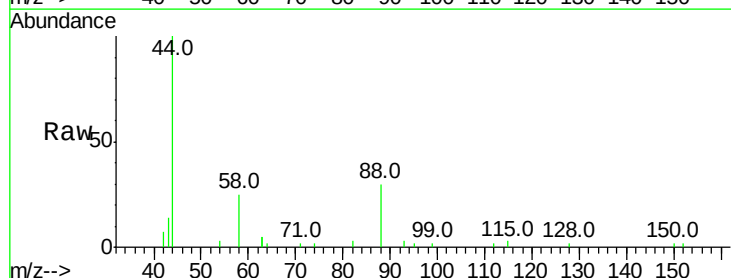
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



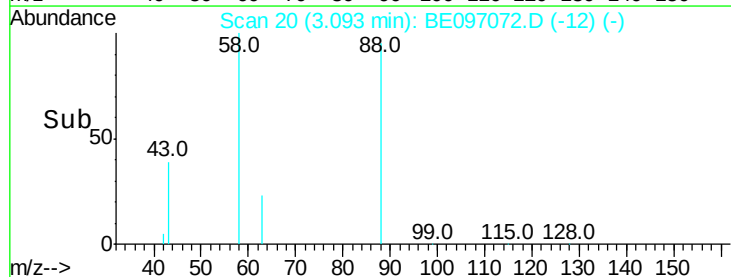
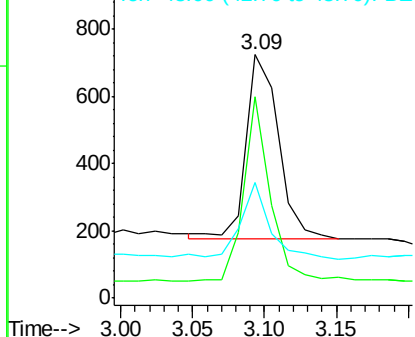
#2

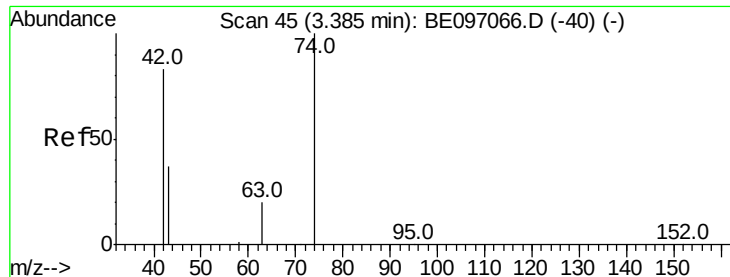
1,4-Dioxane
Concen: 0.451 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion: 88 Resp: 862
Ion Ratio Lower Upper
88 100
58 79.5 63.2 94.8
43 35.8 41.2 61.8#



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: 0.404 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

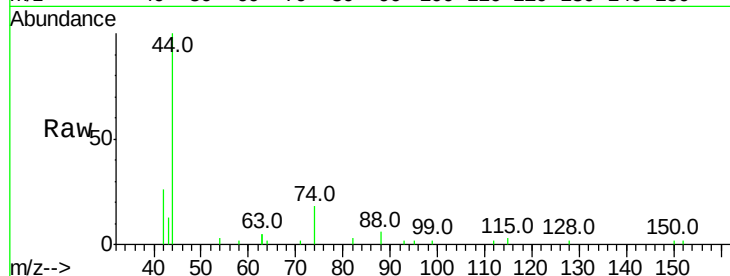
Tot Ion: 42 Resp: 864

Ion Ratio Lower Upper

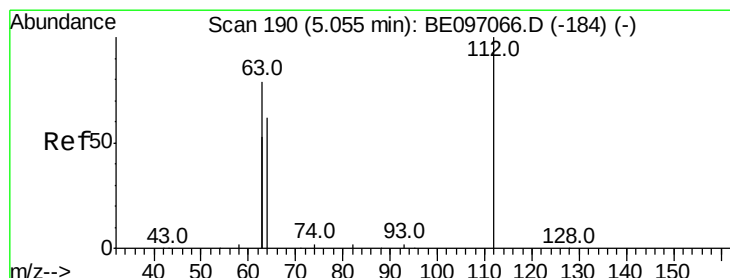
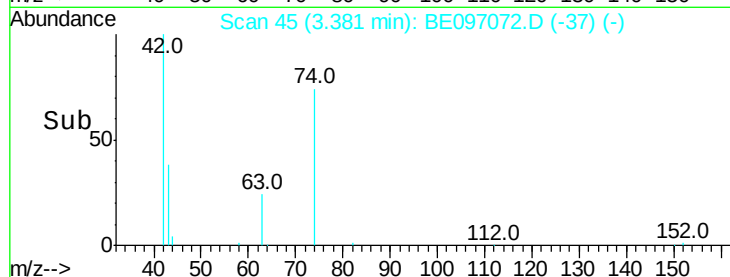
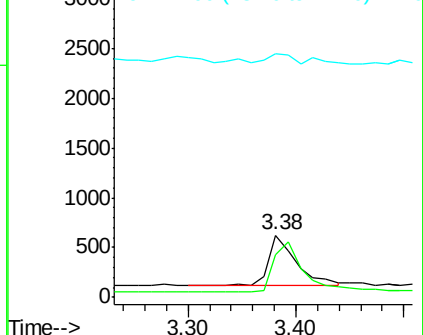
42 100

74 109.1 96.0 144.0

44 28.0 12.0 18.0#



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: 0.397 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

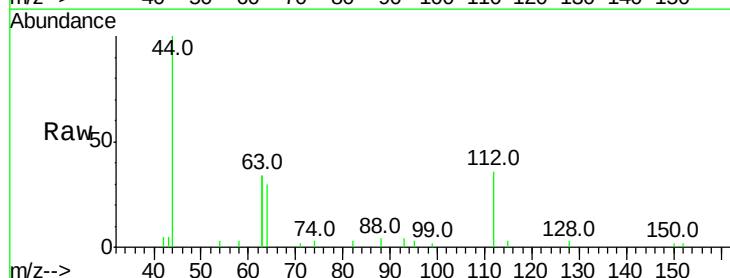
Tgt Ion: 112 Resp: 1344

Ion Ratio Lower Upper

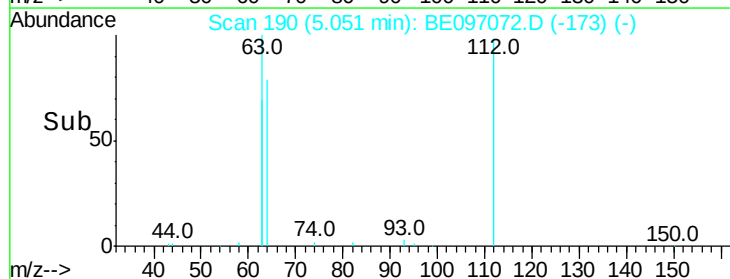
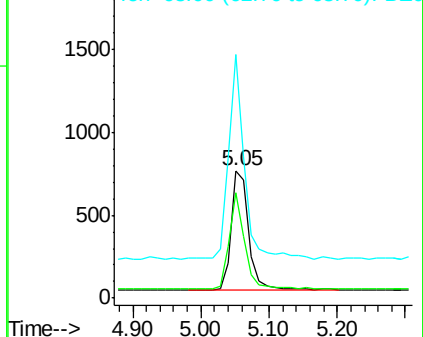
112 100

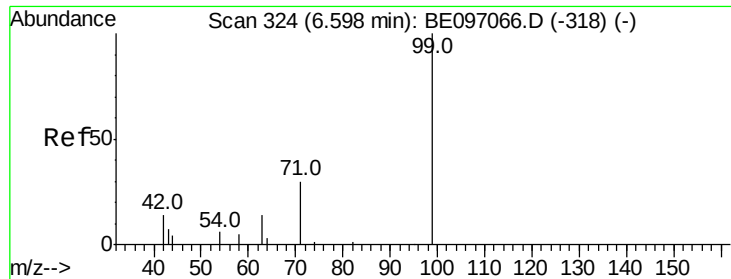
64 71.0 60.1 90.1

63 148.8 116.8 175.2



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: 0.378 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

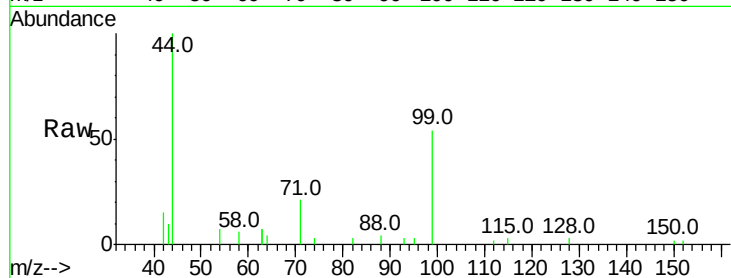
Tot Ion: 99 Resp: 1875

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

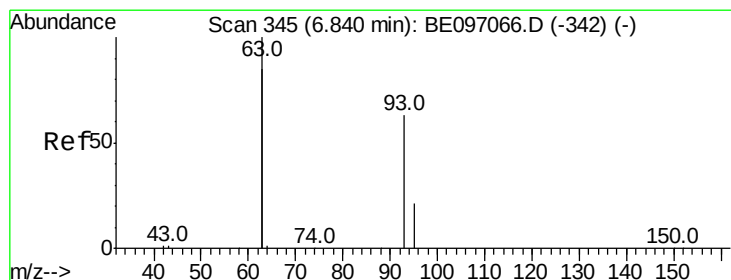
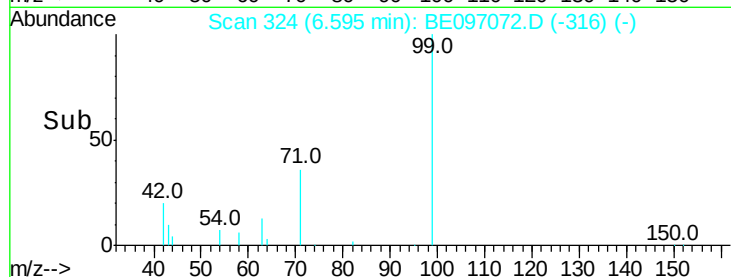
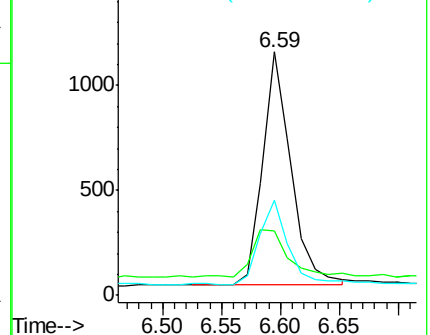
71 36.1 28.4 42.6



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: 0.402 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

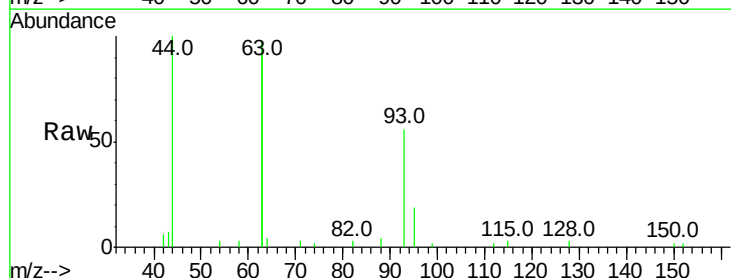
Tgt Ion: 93 Resp: 1821

Ion Ratio Lower Upper

93 100

63 332.5 275.3 412.9

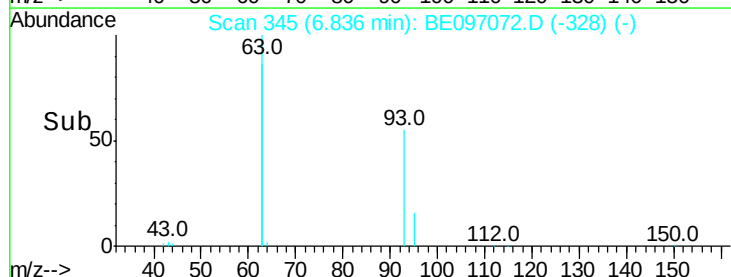
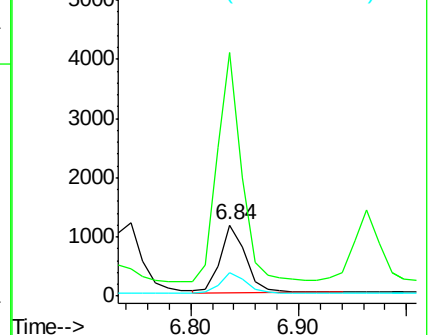
95 30.5 25.2 37.8

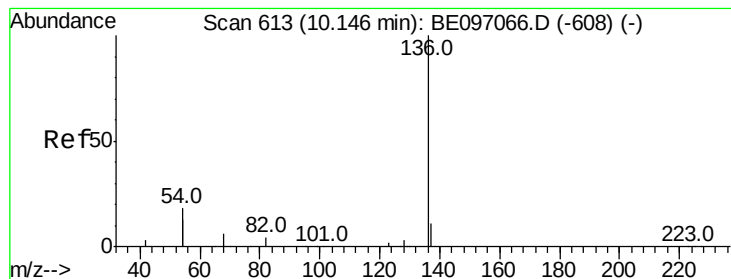


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

Tot Ion:136 Resp: 5804

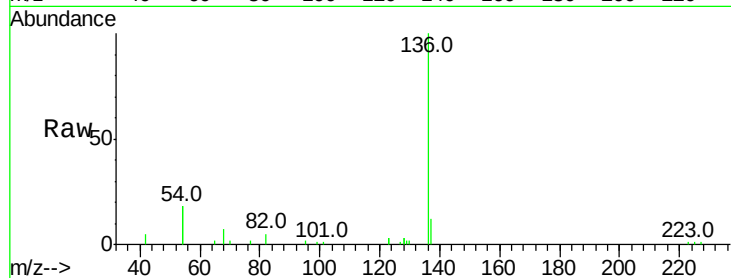
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 35.2 29.1 43.7

68 6.9 6.2 9.2

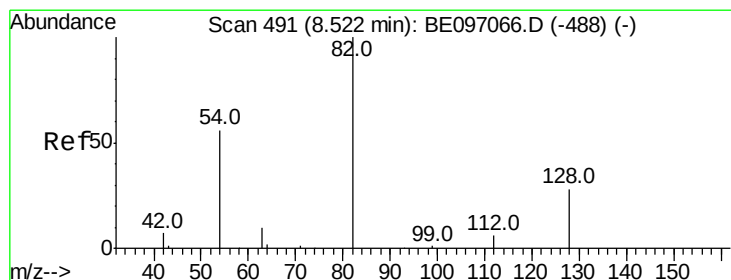
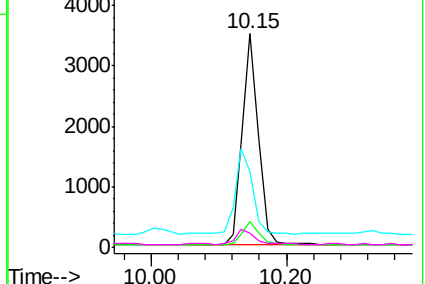
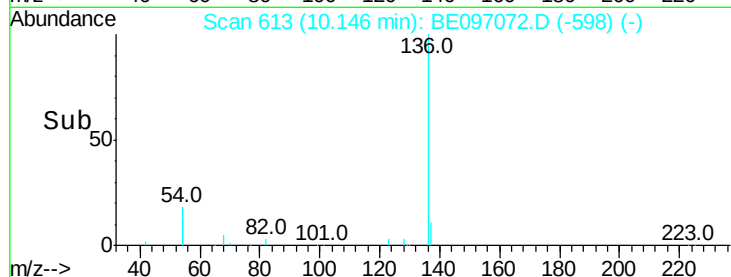


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.391 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

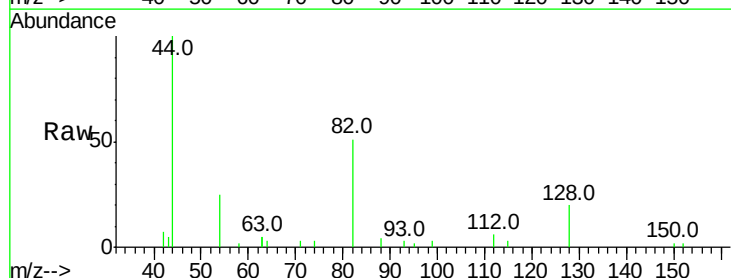
Tgt Ion: 82 Resp: 1973

Ion Ratio Lower Upper

82 100

128 38.9 24.0 36.0#

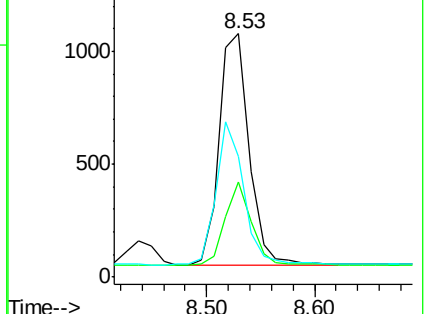
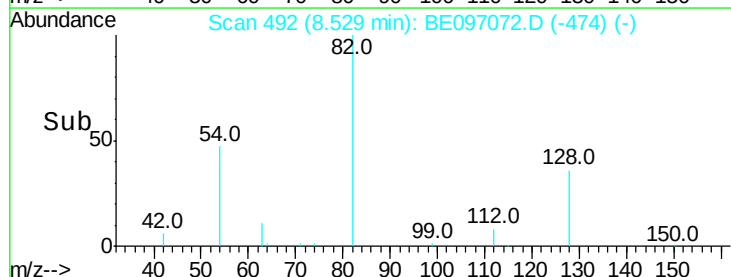
54 49.5 40.0 60.0

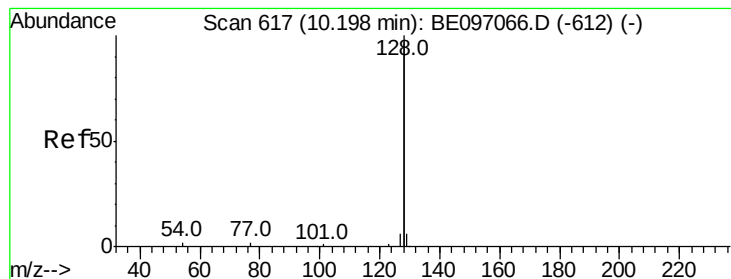


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.408 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

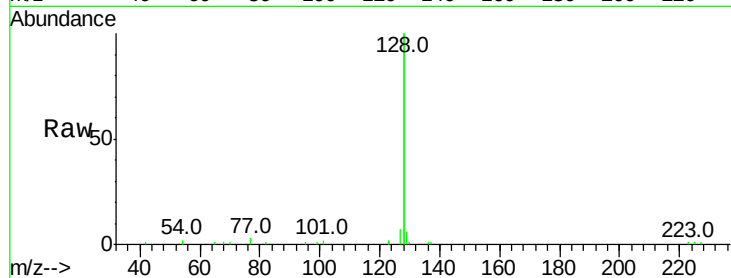
Tot Ion:128 Resp: 21252

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

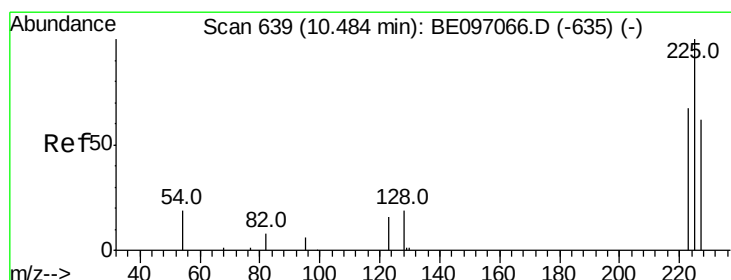
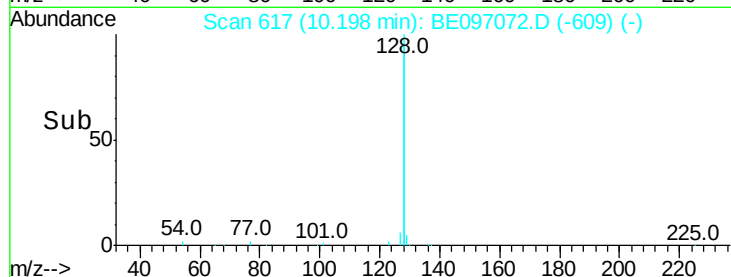
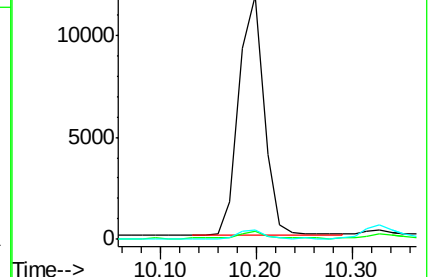
127 3.6 2.8 4.2



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: 0.424 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

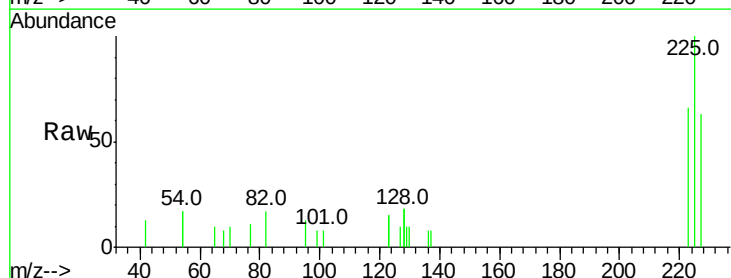
Tgt Ion:225 Resp: 989

Ion Ratio Lower Upper

225 100

223 63.4 53.0 79.6

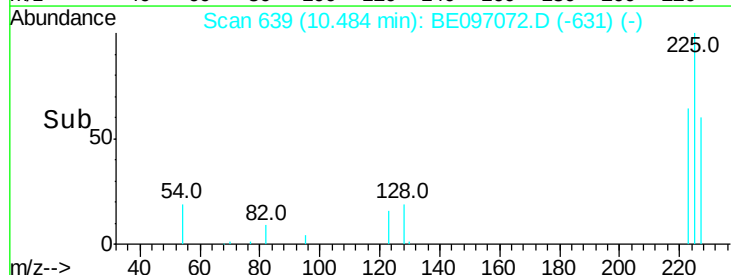
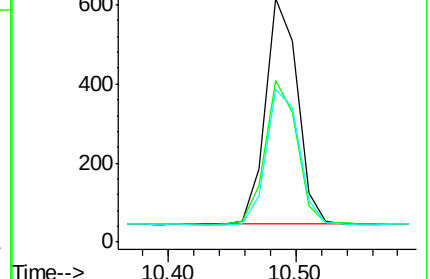
227 62.2 51.4 77.2

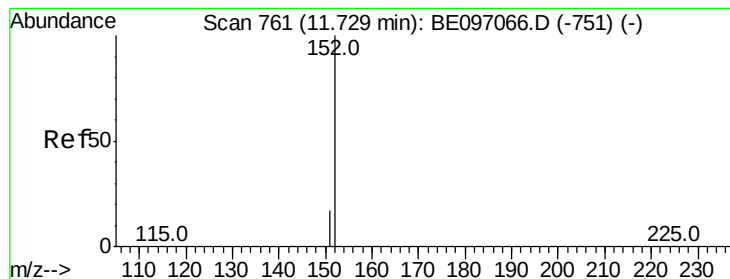


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

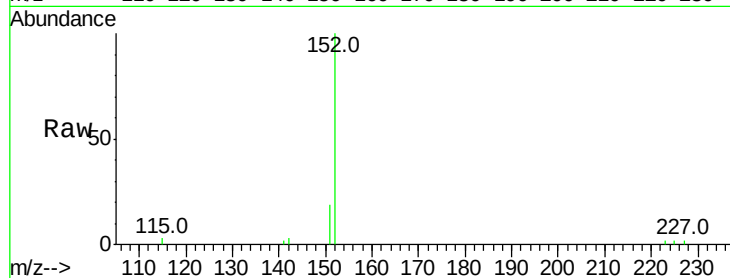
DFTPP

Tot Ion:152 Resp: 3303

Ion Ratio Lower Upper

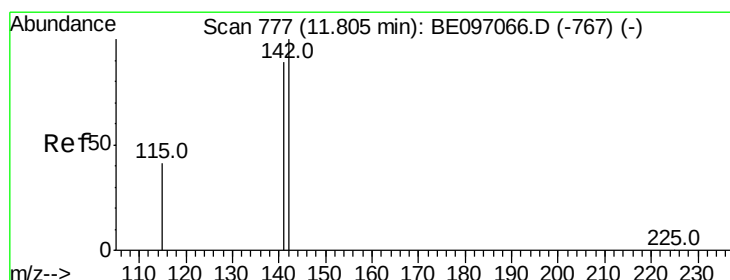
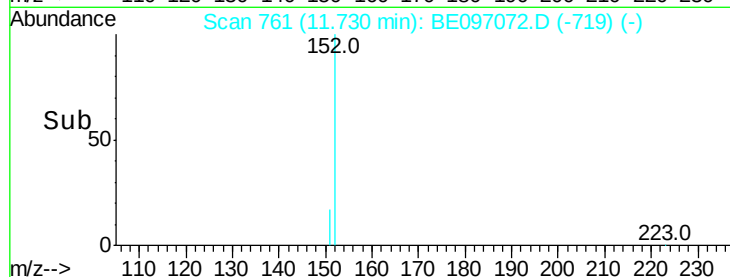
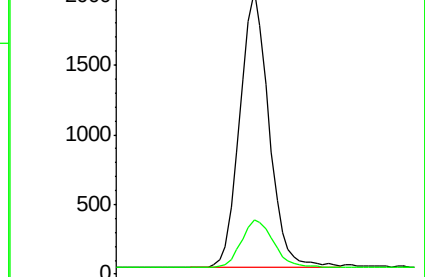
152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.387 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

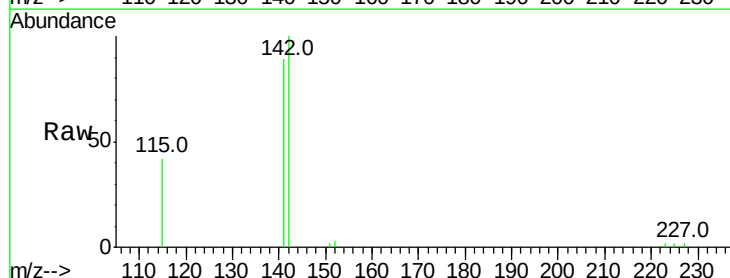
Tgt Ion:142 Resp: 3456

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

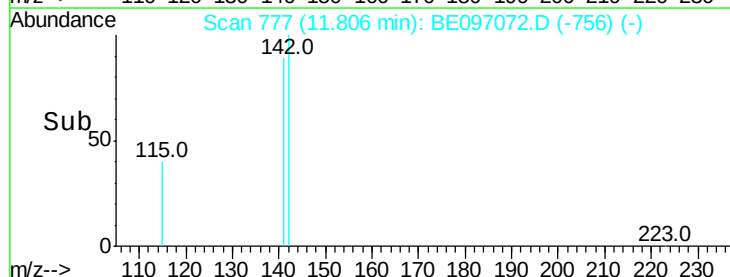
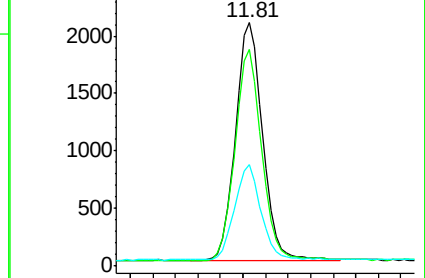
115 41.8 31.7 47.5

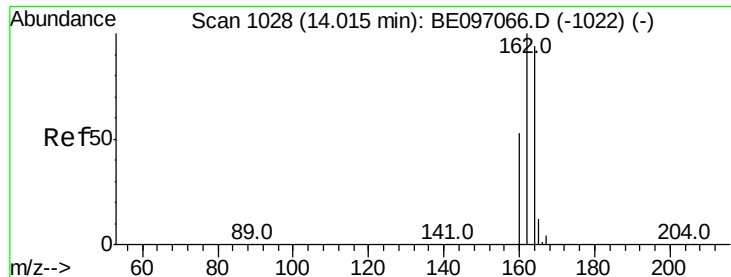


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

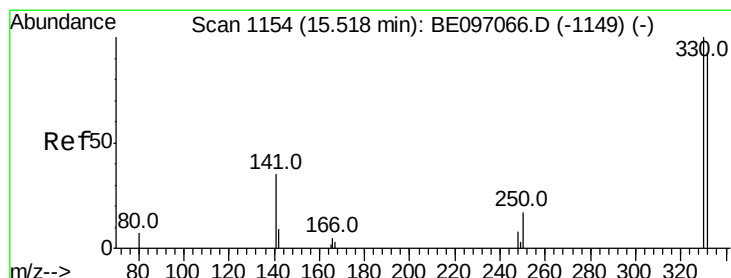
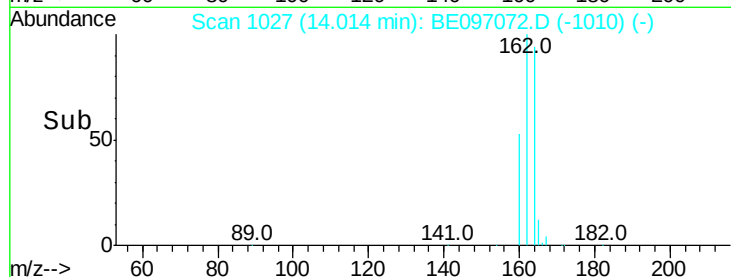
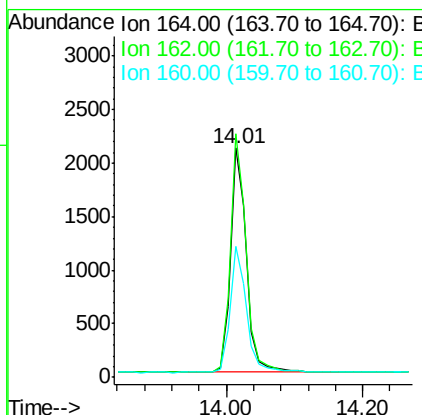
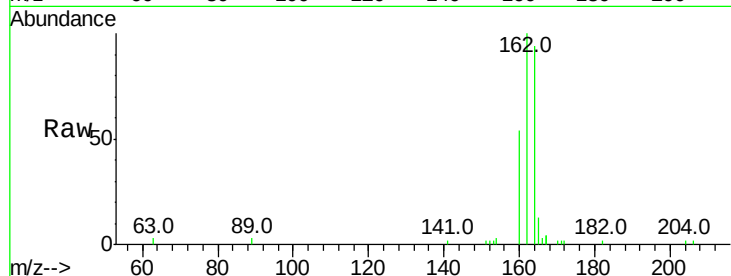




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE097072.D
 Acq: 24 Jul 2018 14:41

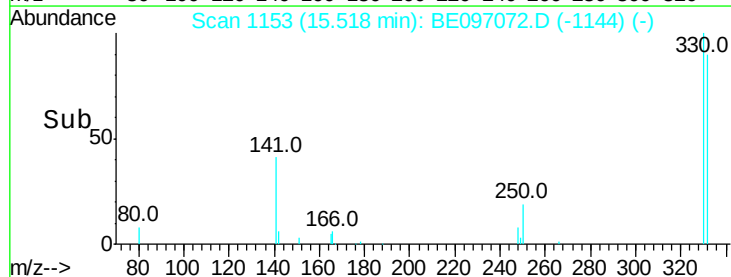
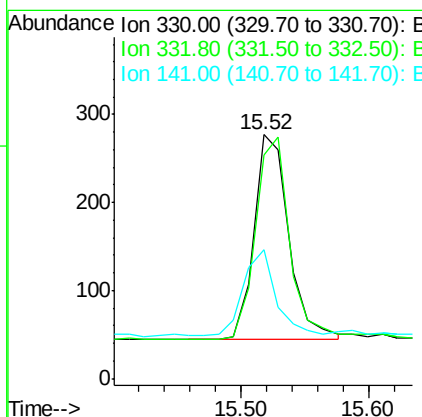
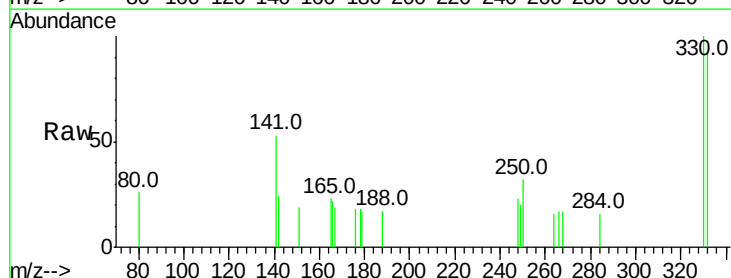
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

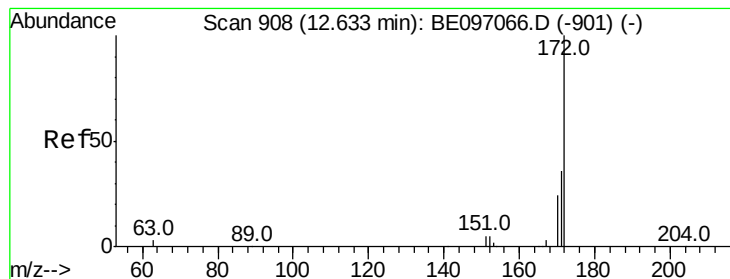
Tot Ion:164 Resp: 3439
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.1 124.7
 160 57.3 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.391 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BE097072.D
 Acq: 24 Jul 2018 14:41

Tgt Ion:330 Resp: 443
 Ion Ratio Lower Upper
 330 100
 332 97.3 152.7 229.1#
 141 39.1 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.417 ng

RT: 12.63 min Scan# 907

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

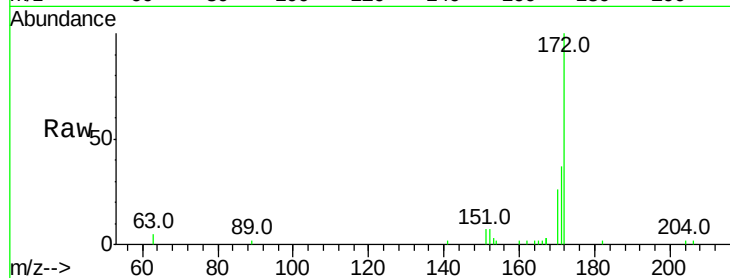
Tot Ion:172 Resp: 4954

Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

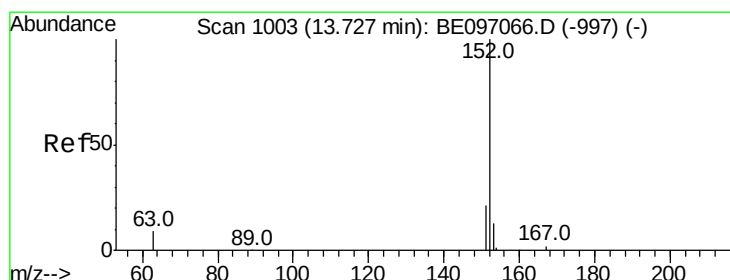
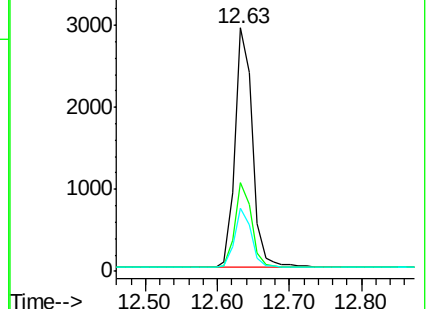
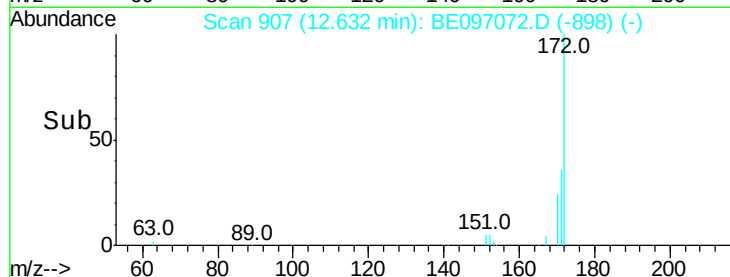
170 25.7 21.8 32.8



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: 0.401 ng

RT: 13.73 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

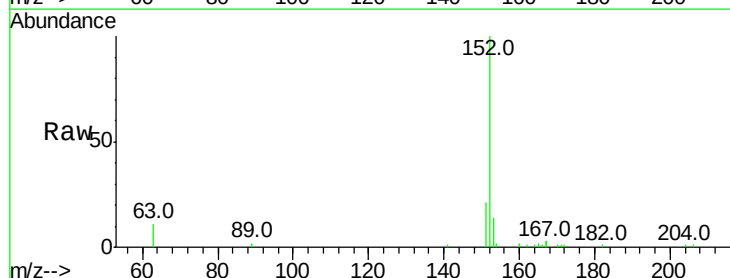
Tgt Ion:152 Resp: 6196

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

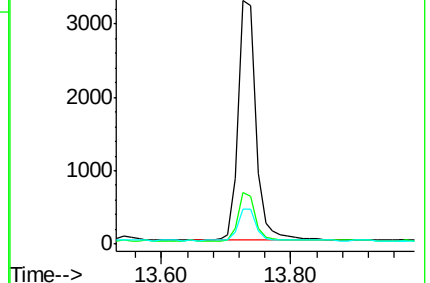
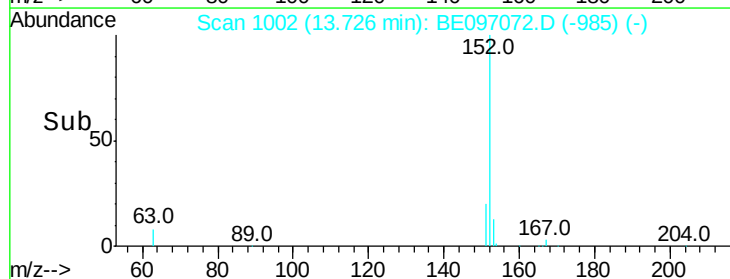
153 13.6 10.5 15.7

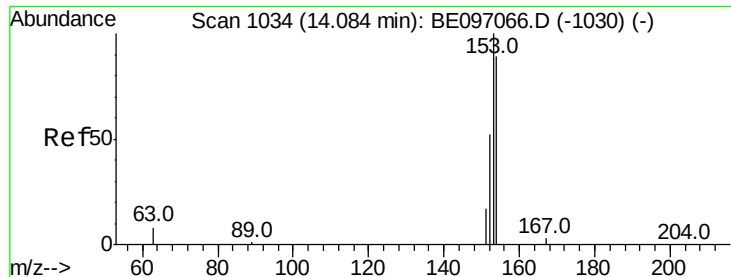


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

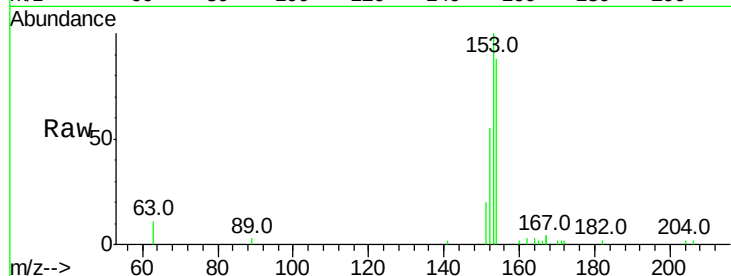
Tot Ion:154 Resp: 3604

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

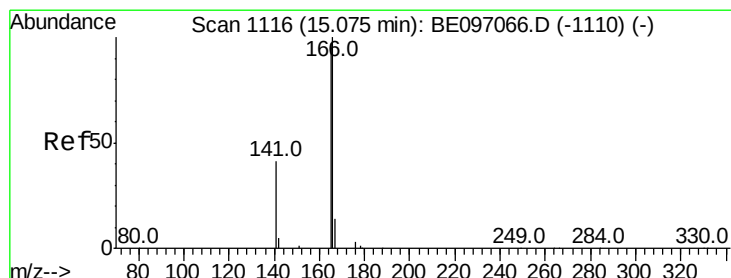
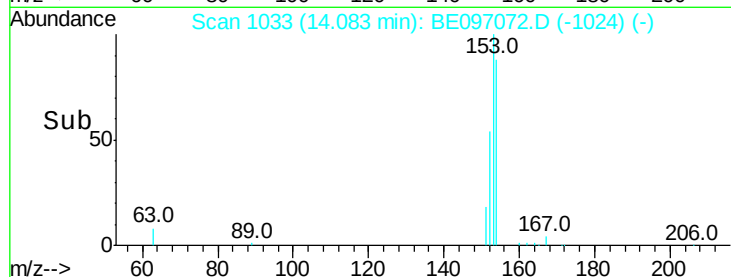
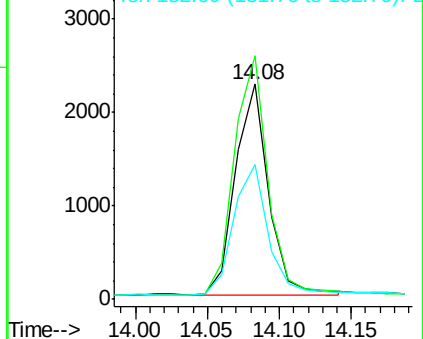
152 64.5 42.0 63.0#



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: 0.399 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

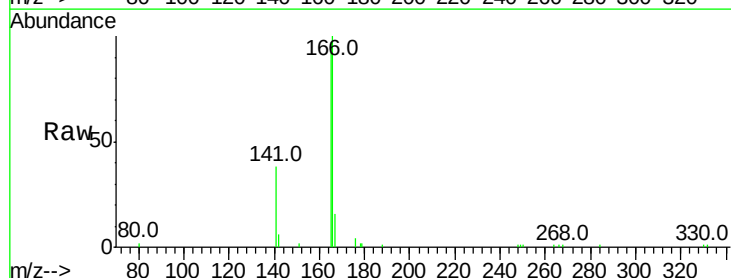
Tgt Ion:166 Resp: 4731

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

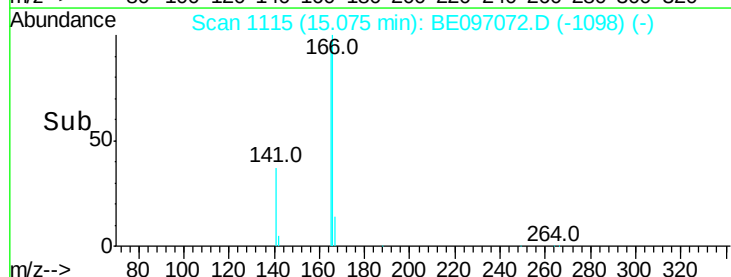
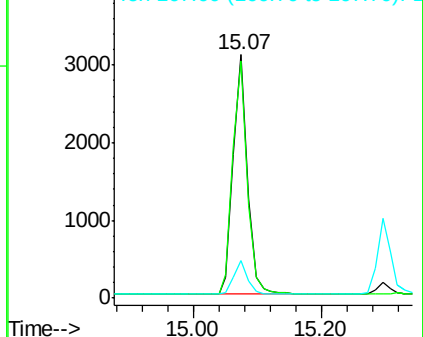
167 13.8 42.4 63.6#

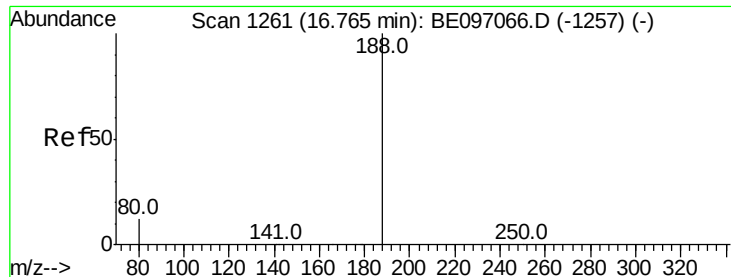


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

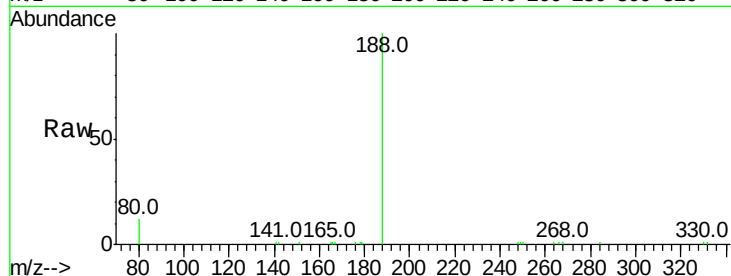
Tot Ion:188 Resp: 9413

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.3 3.6 5.4#



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

16.76

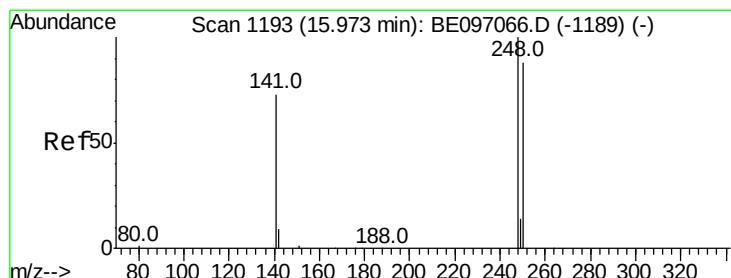
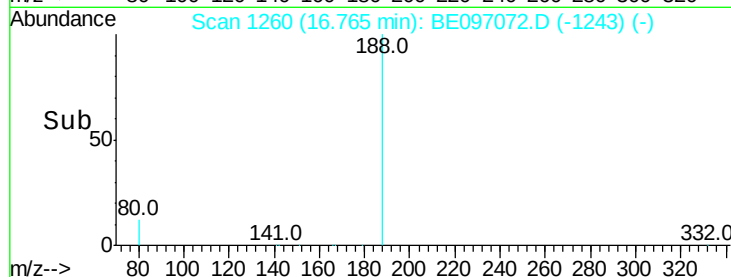
6000

4000

2000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

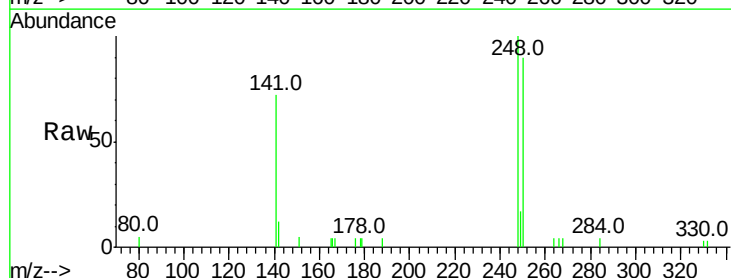
Tgt Ion:248 Resp: 1849

Ion Ratio Lower Upper

248 100

250 89.7 62.7 94.1

141 72.1 48.2 72.2



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

15.97

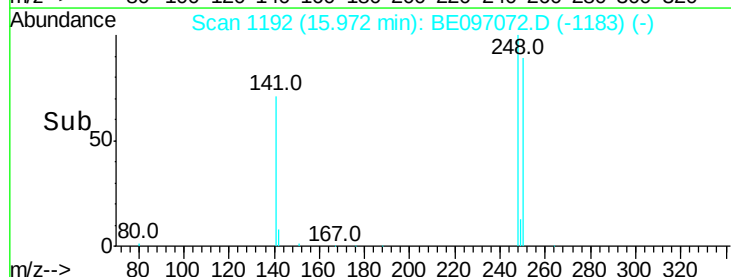
1500

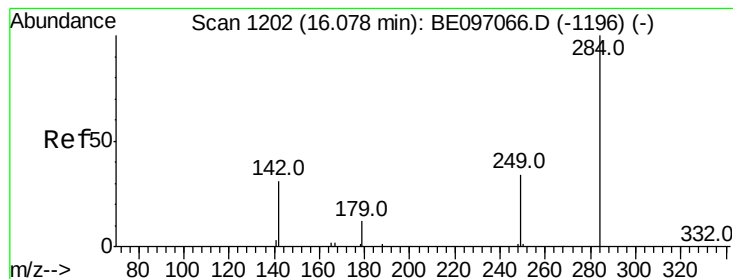
1000

500

0

Time-->





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

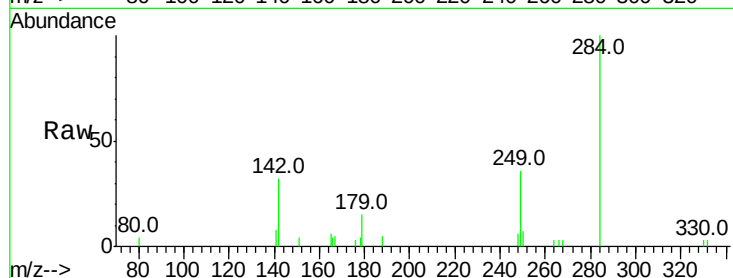
Tot Ion:284 Resp: 2049

Ion Ratio Lower Upper

284 100

142 33.6 22.1 33.1#

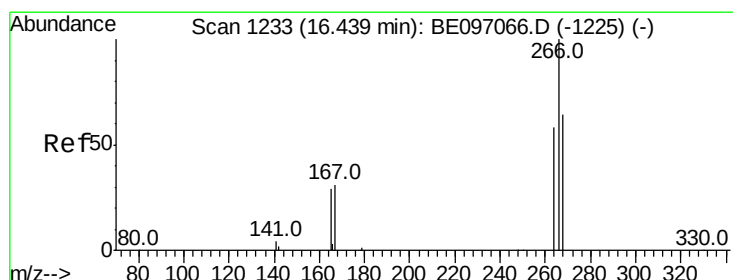
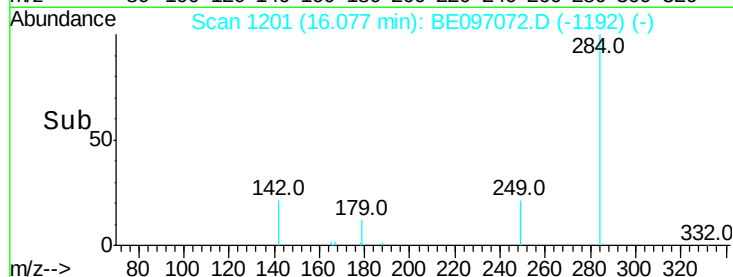
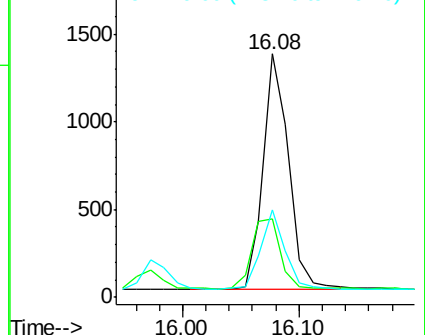
249 31.3 34.8 52.2#



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: 0.382 ng

RT: 16.44 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

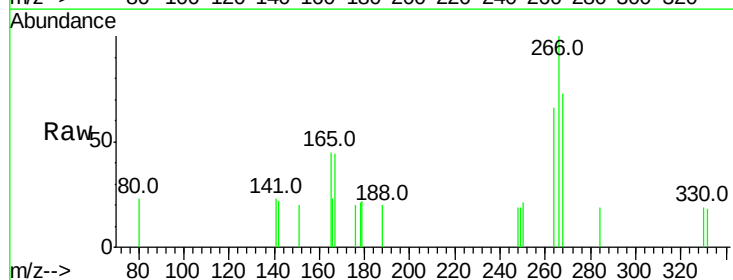
Tgt Ion:266 Resp: 432

Ion Ratio Lower Upper

266 100

264 66.1 72.5 108.7#

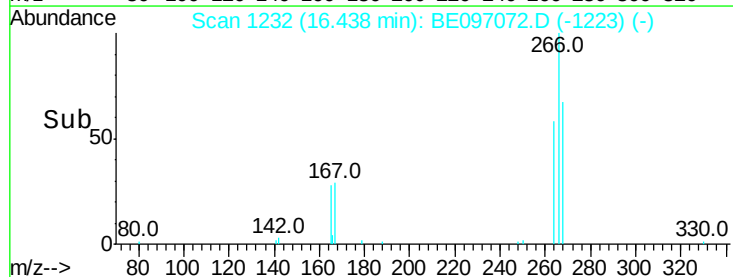
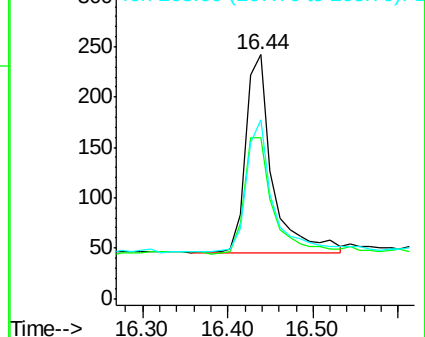
268 73.1 73.8 110.6#

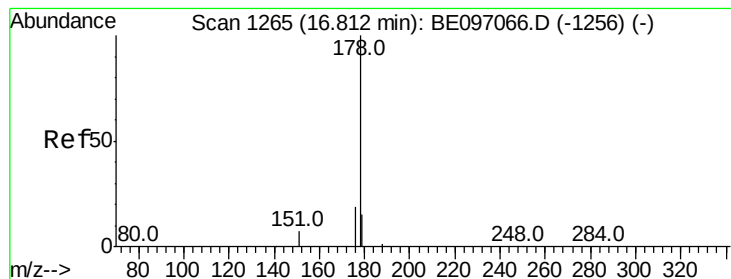


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.401 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

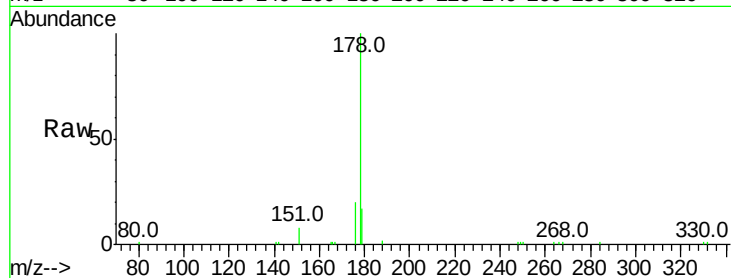
Tot Ion:178 Resp: 8995

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

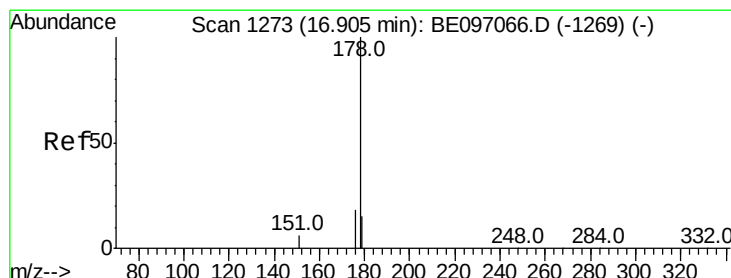
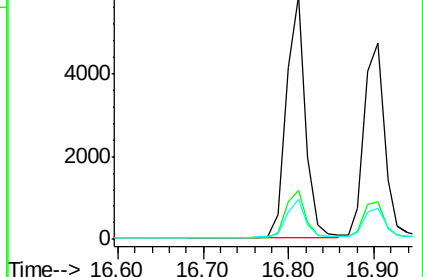
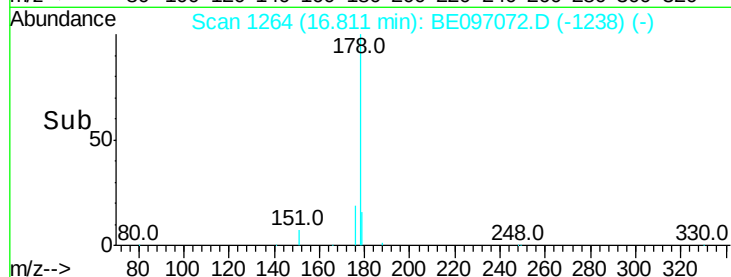
179 15.5 11.8 17.6



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: 0.389 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

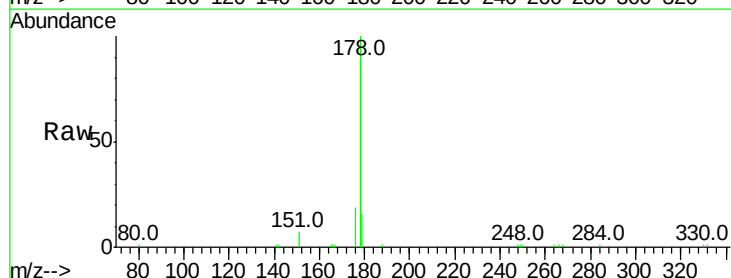
Tgt Ion:178 Resp: 7797

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

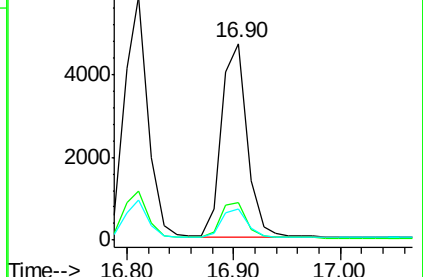
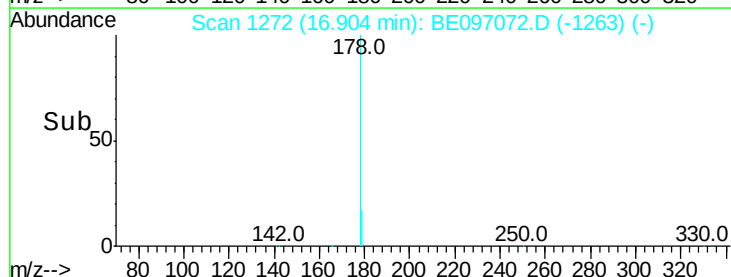
179 14.8 13.0 19.6

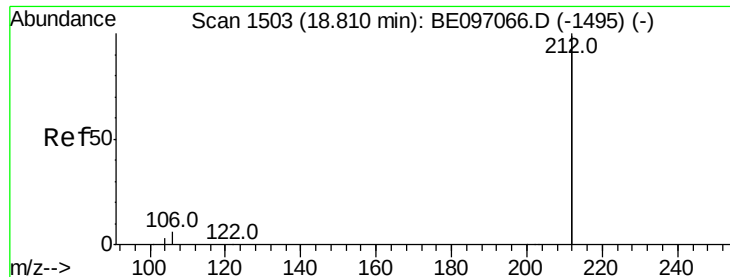


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

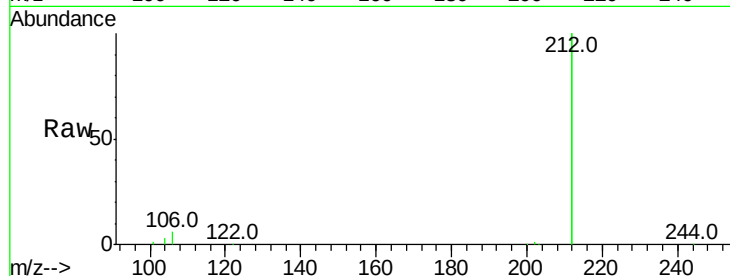
Tot Ion:212 Resp: 36206

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

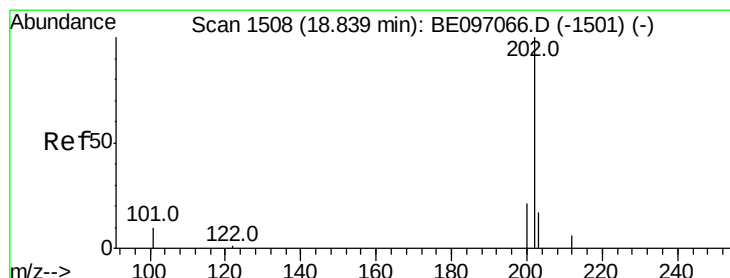
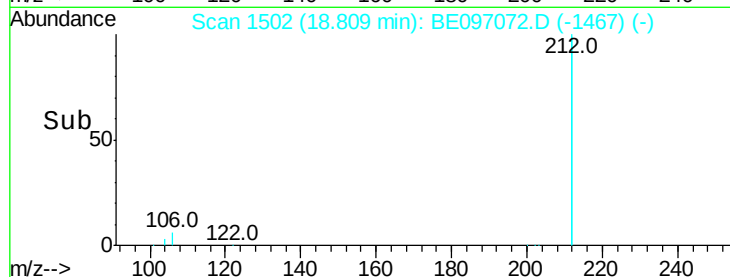
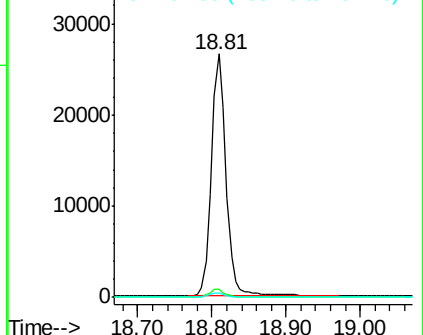
104 1.7 1.6 2.4



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: 0.393 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

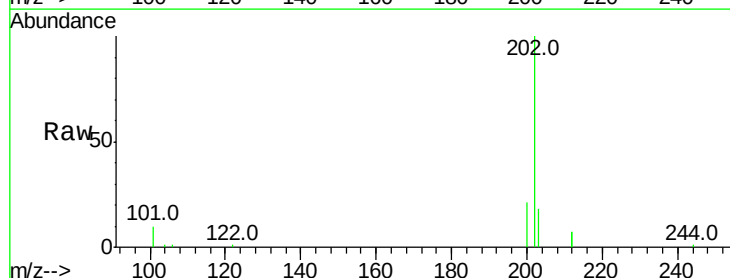
Tgt Ion:202 Resp: 9886

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

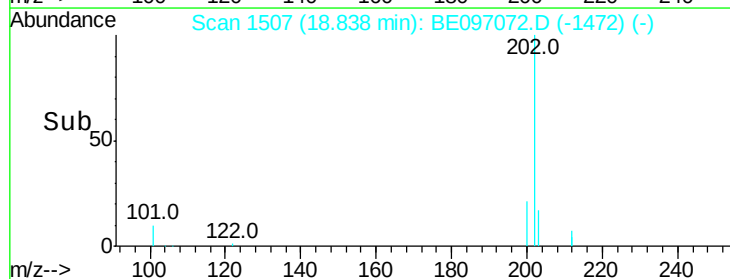
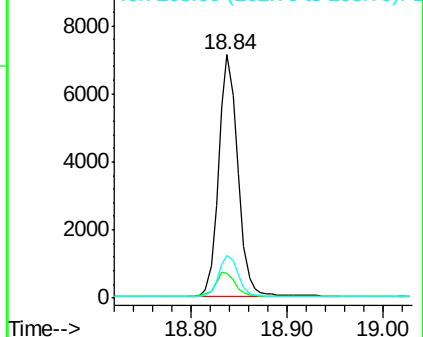
203 17.0 13.7 20.5

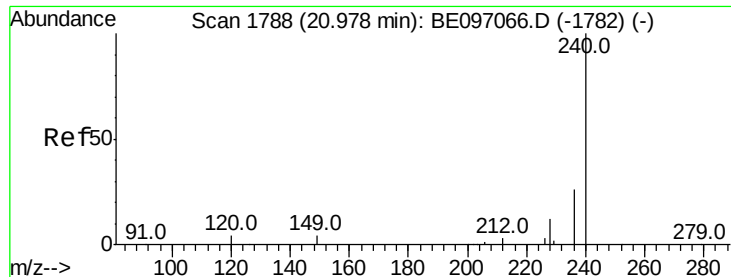


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

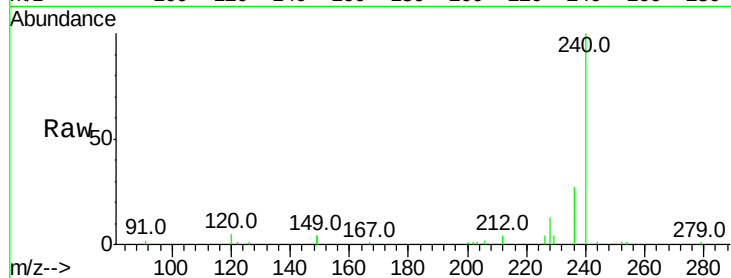
Tot Ion:240 Resp: 8617

Ion Ratio Lower Upper

240 100

120 5.2 5.5 8.3#

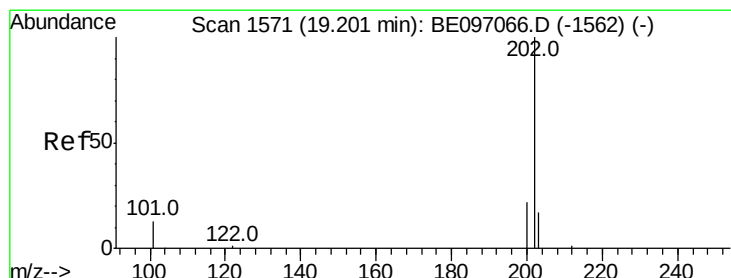
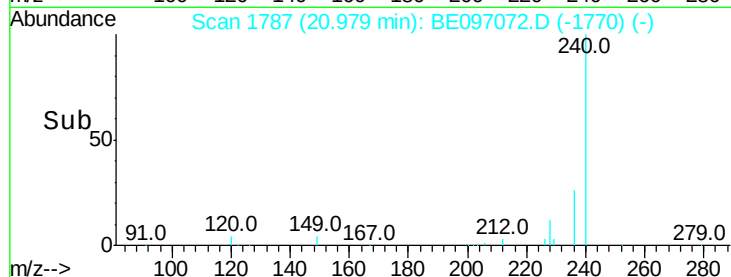
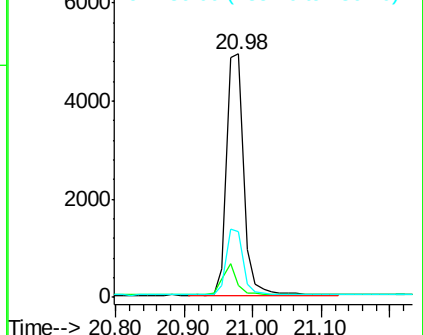
236 26.9 20.7 31.1



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: 0.406 ng

RT: 19.21 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

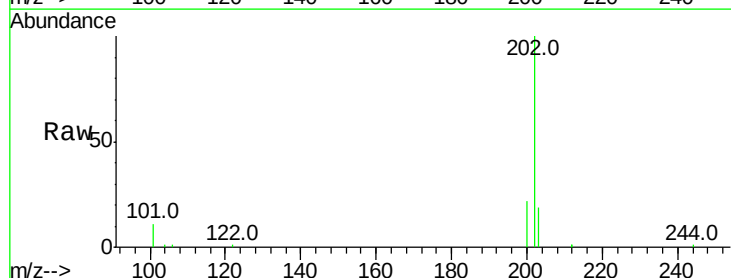
Tgt Ion:202 Resp: 9600

Ion Ratio Lower Upper

202 100

200 21.6 16.6 25.0

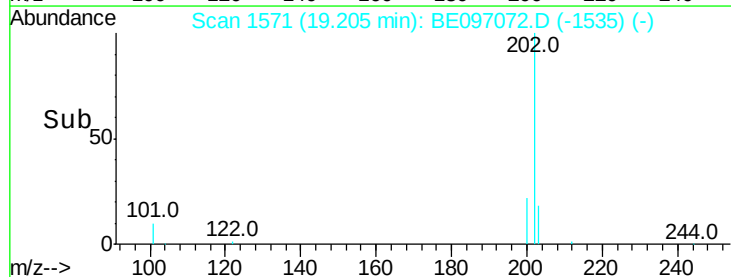
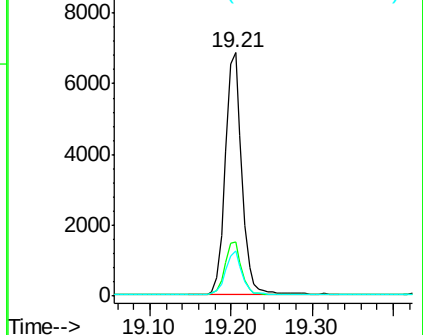
203 17.7 13.8 20.8

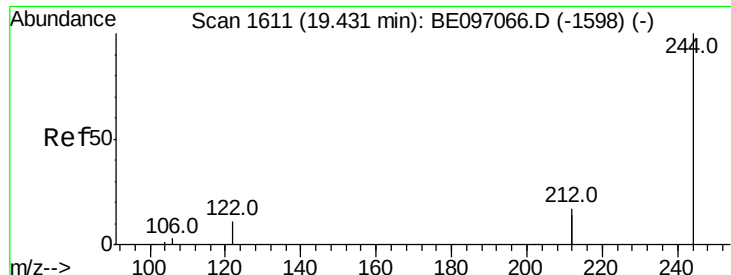


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

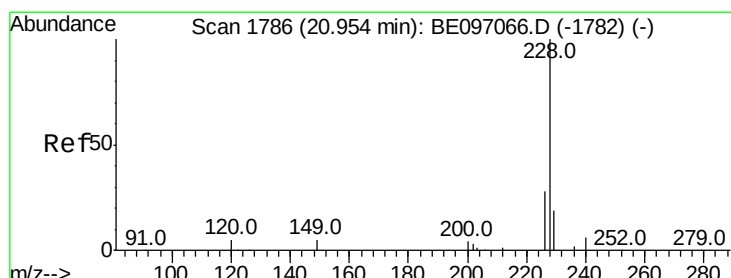
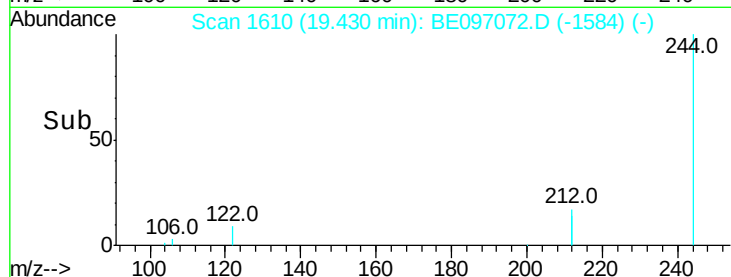
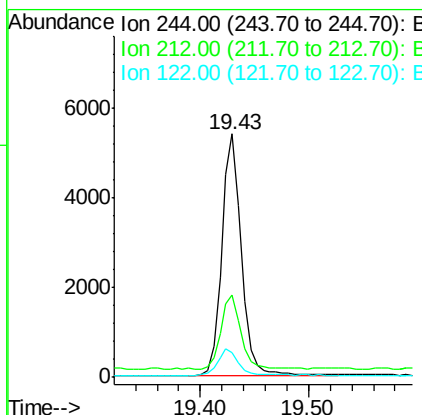
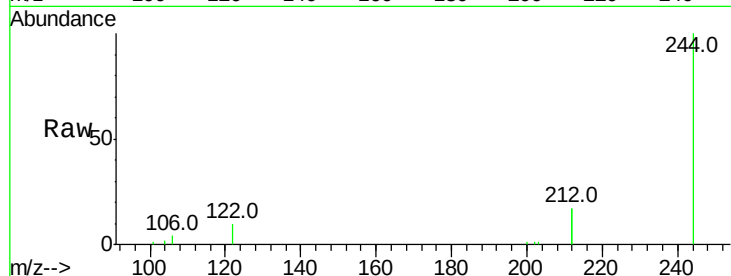




#29
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BE097072.D
 Acq: 24 Jul 2018 14:41

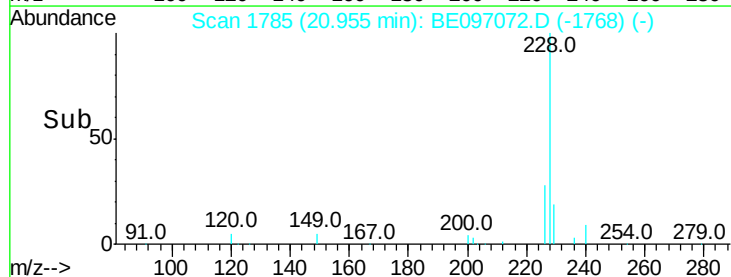
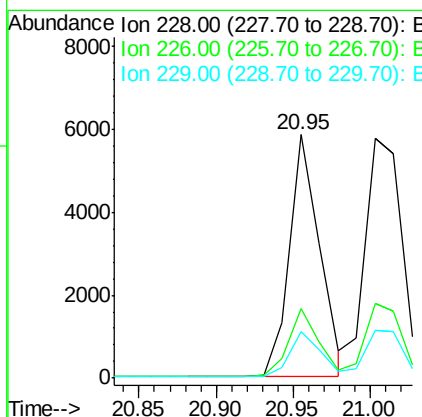
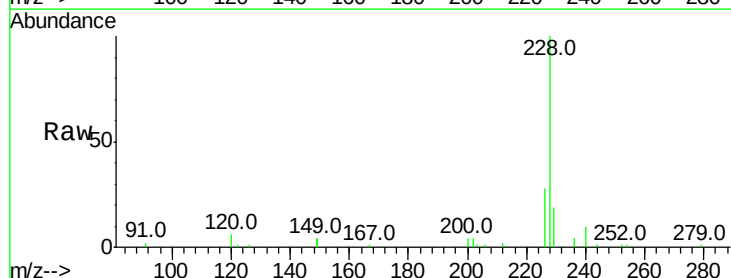
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

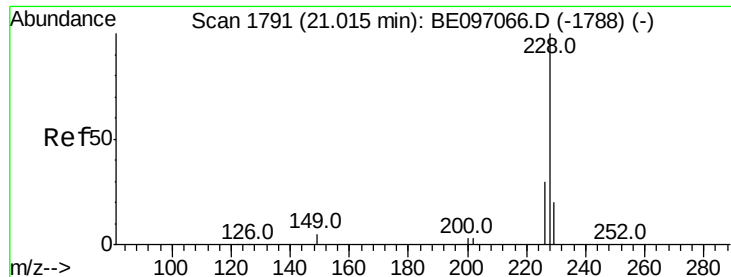
Tot Ion:244 Resp: 6745
 Ion Ratio Lower Upper
 244 100
 212 33.8 25.4 38.0
 122 10.1 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.371 ng
 RT: 20.95 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097072.D
 Acq: 24 Jul 2018 14:41

Tgt Ion:228 Resp: 7948
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.0 36.0
 229 19.3 16.0 24.0





#31

Chrysene

Concen: 0.420 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

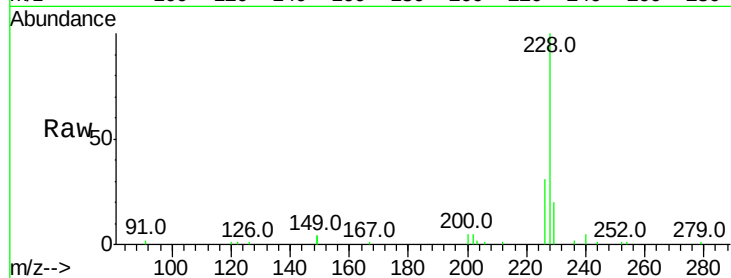
Tot Ion:228 Resp: 9648

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

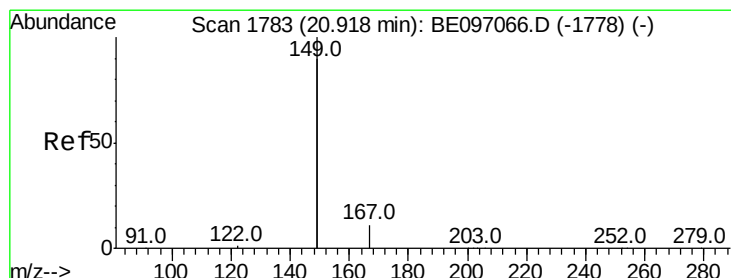
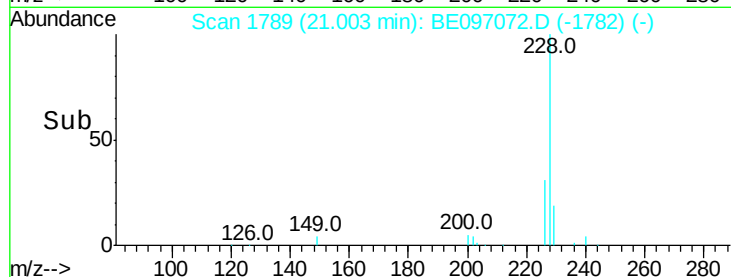
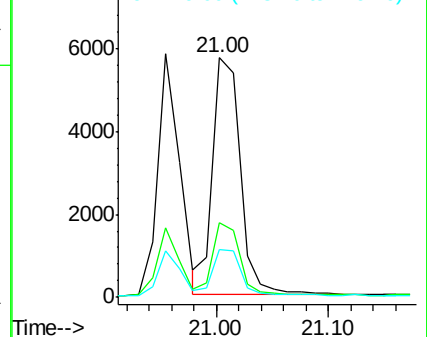
229 19.7 16.0 24.0



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: 0.366 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

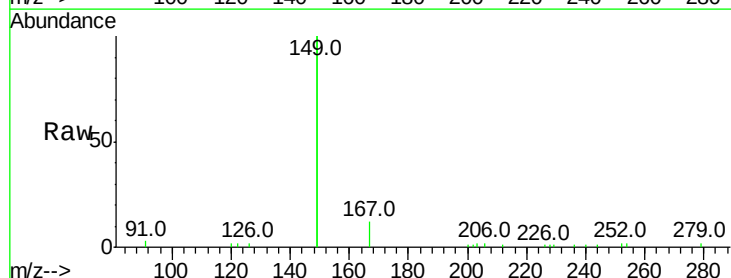
Tgt Ion:149 Resp: 8237

Ion Ratio Lower Upper

149 100

167 6.2 5.4 8.0

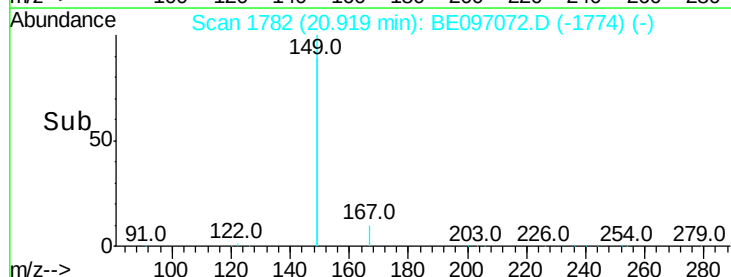
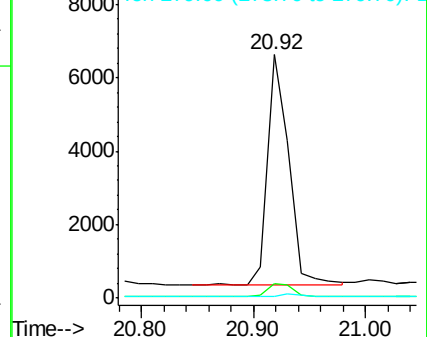
279 0.9 0.7 1.1

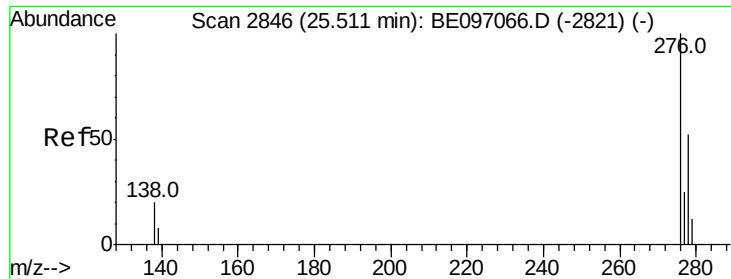


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.388 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

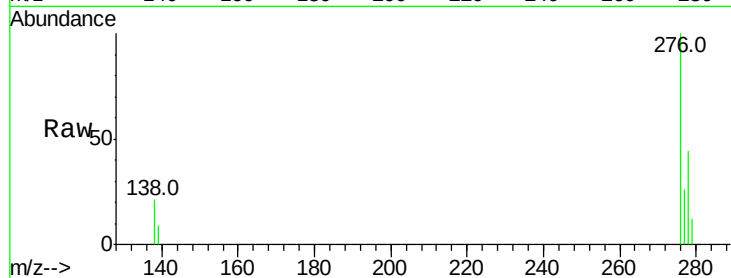
Tot Ion:276 Resp: 8071

Ion Ratio Lower Upper

276 100

138 21.6 22.5 33.7#

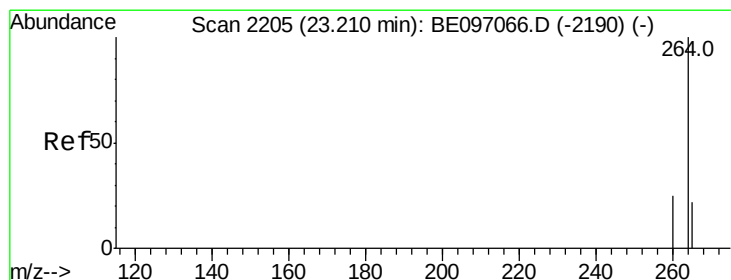
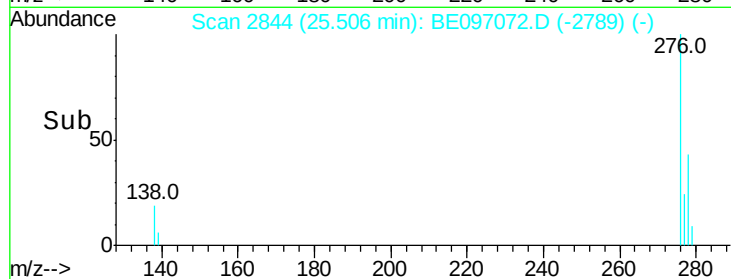
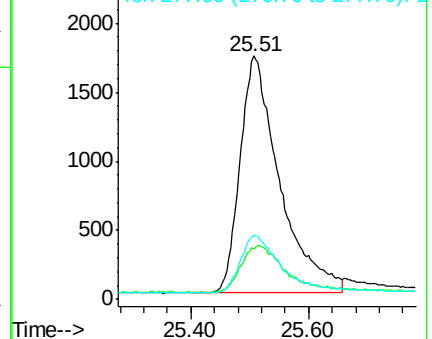
277 24.2 19.9 29.9



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: 23.21 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

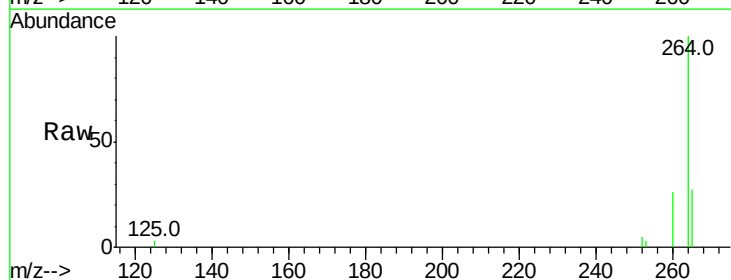
Tgt Ion:264 Resp: 7793

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

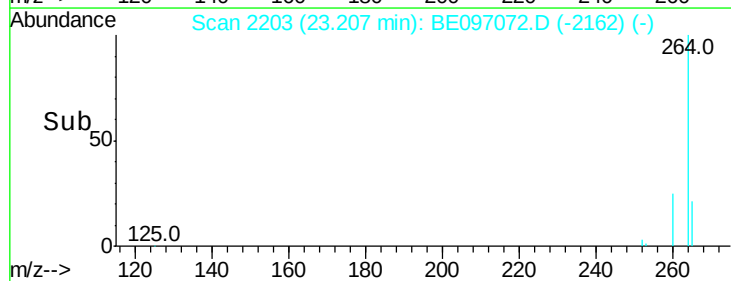
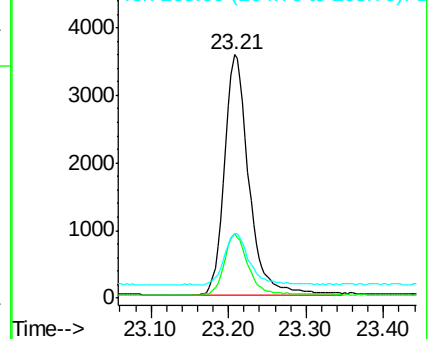
265 26.7 22.8 34.2

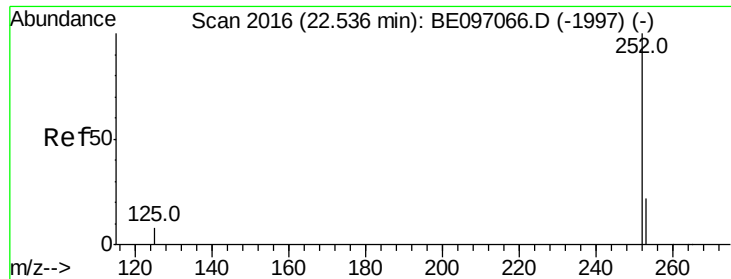


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.53 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

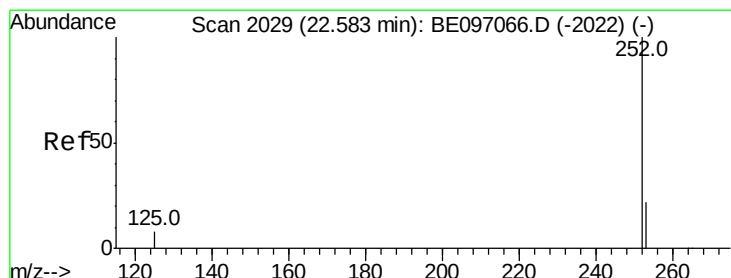
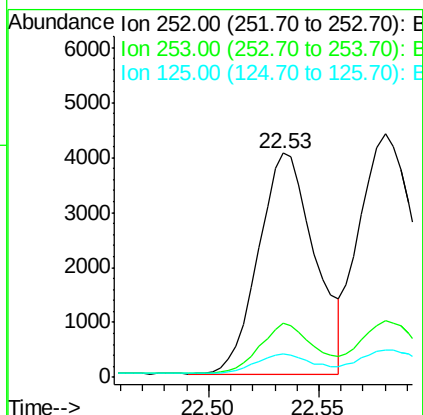
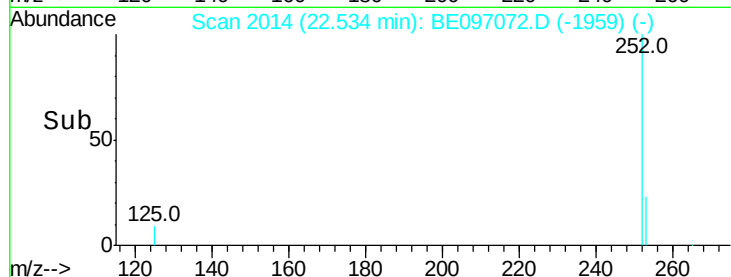
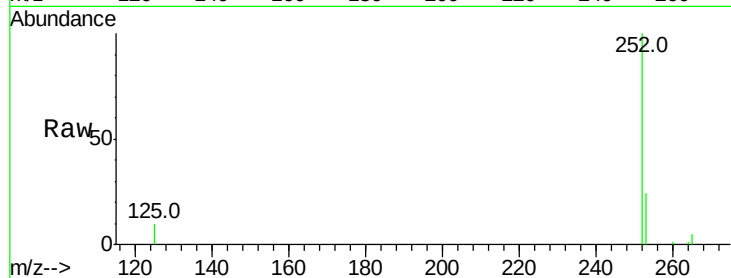
Tot Ion:252 Resp: 7146

Ion Ratio Lower Upper

252 100

253 24.1 20.0 30.0

125 10.3 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.373 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

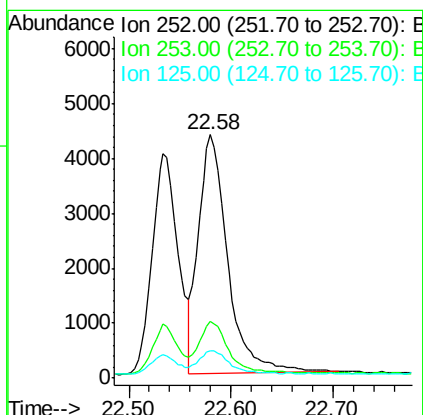
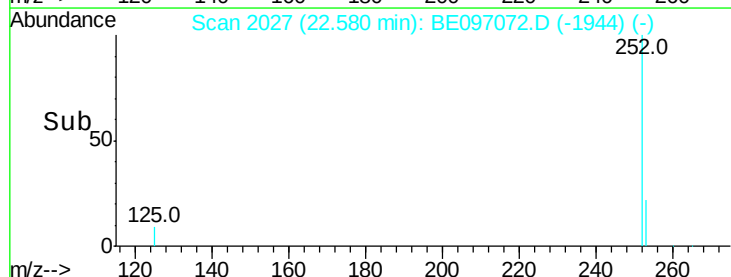
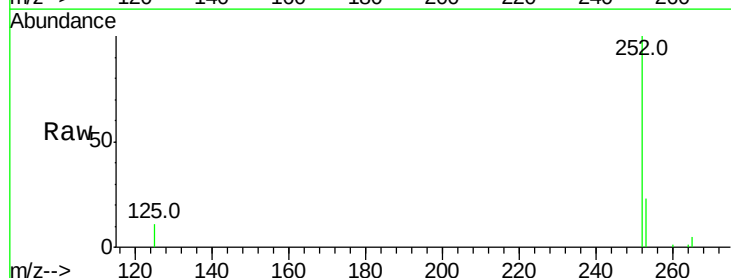
Tgt Ion:252 Resp: 8615

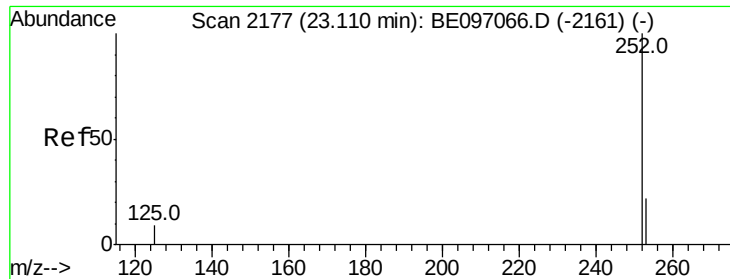
Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

125 11.0 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

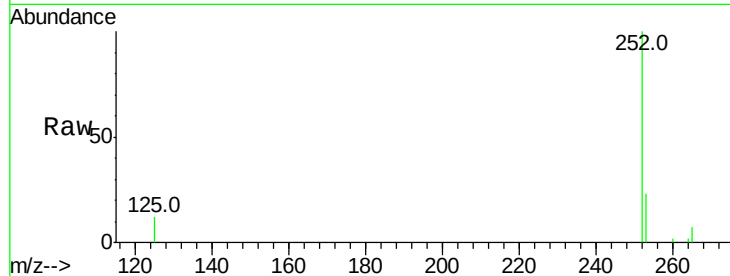
Tot Ion:252 Resp: 6399

Ion Ratio Lower Upper

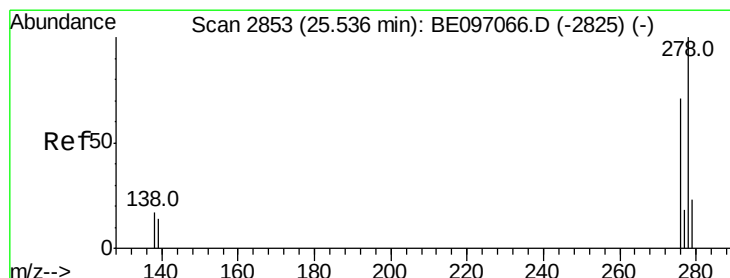
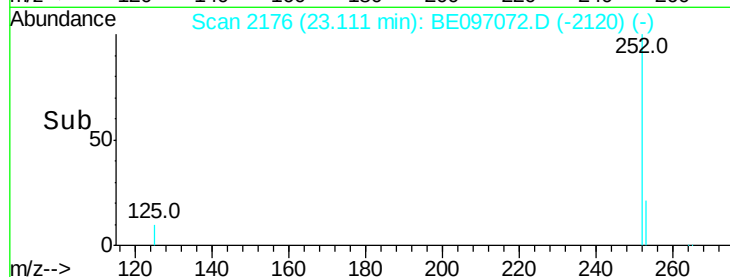
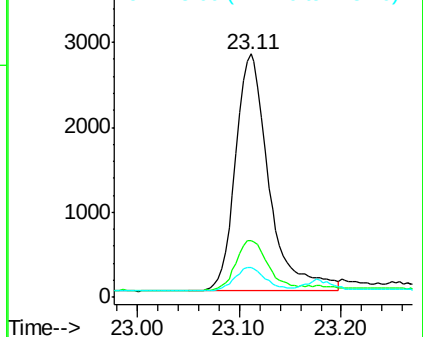
252 100

253 23.5 16.0 24.0

125 12.4 12.0 18.0



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: 0.372 ng

RT: 25.53 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

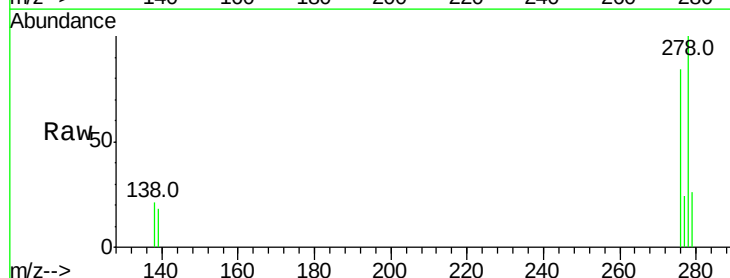
Tgt Ion:278 Resp: 6904

Ion Ratio Lower Upper

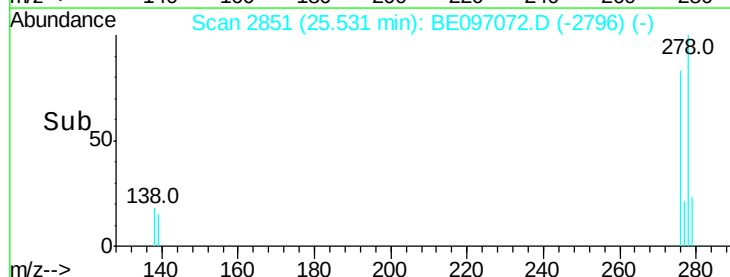
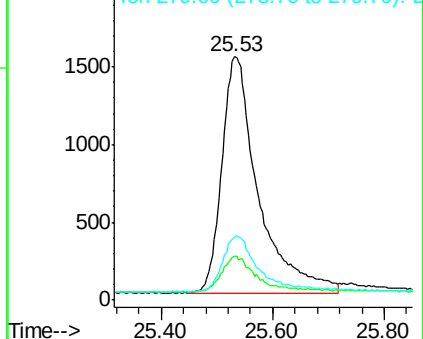
278 100

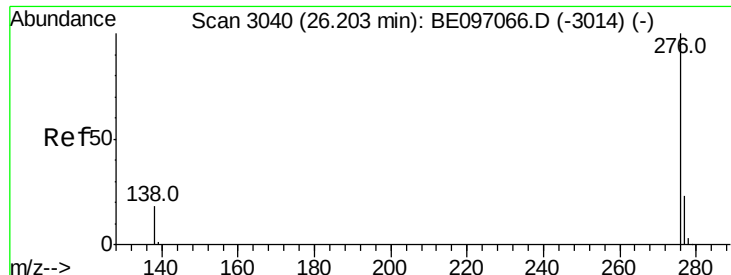
139 18.1 16.0 24.0

279 26.1 20.0 30.0



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





#39

Benzo(a,h,i)perylene

Concen: 0.363 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097072.D

Acq: 24 Jul 2018 14:41

Instrument :

BNA_E

ClientSampleId :

DFTPP

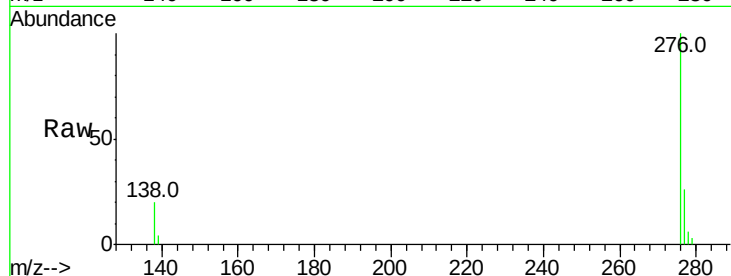
Tot Ion:276 Resp: 7161

Ion Ratio Lower Upper

276 100

277 26.4 16.0 24.0#

138 20.3 20.0 30.0



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

