

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097615.D
 Acq On : 21 Sep 2018 17:17
 Operator : SJ/JU
 Sample : PB112764BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112764BS

Quant Time: Sep 22 04:08:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1097	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4627	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2222	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	5096	0.40	ng	0.00
27) Chrysene-d12	20.97	240	6862	0.40	ng	0.00
34) Perylene-d12	23.20	264	7488	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1222	0.37	ng	0.01
5) Phenol-d6	6.61	99	1342	0.32	ng	0.00
8) Nitrobenzene-d5	8.53	82	1335	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3313	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	214	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3682	0.47	ng	0.00
25) Fluoranthene-d10	18.80	212	23628	0.36	ng	0.00
29) Terphenyl-d14	19.42	244	4152	0.33	ng	0.00

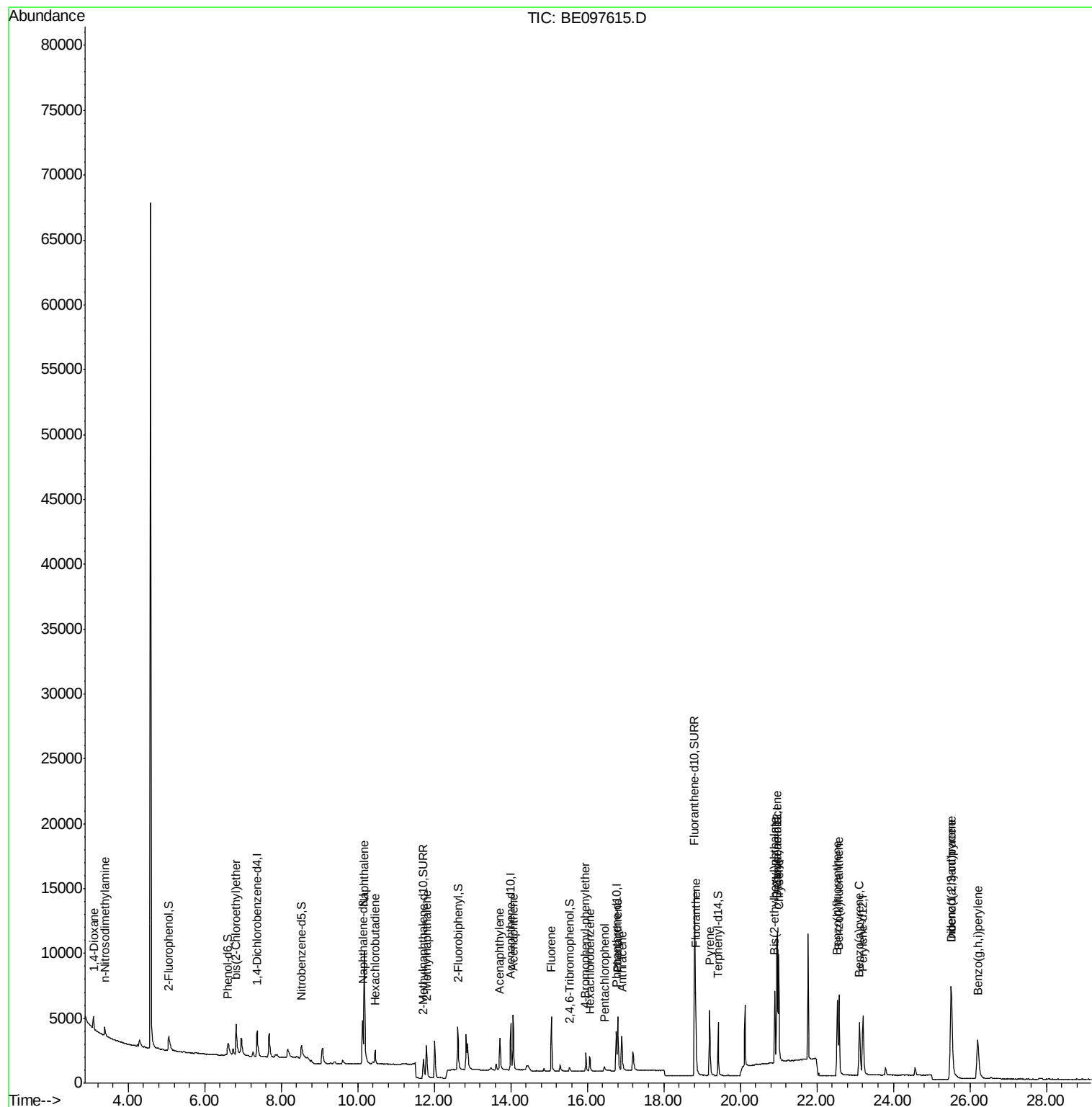
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	623	0.325	ng	# 77
3) n-Nitrosodimethylamine	3.38	42	537	0.339	ng	# 81
6) bis(2-Chloroethyl)ether	6.82	93	1213	0.311	ng	87
9) Naphthalene	10.17	128	17104	0.410	ng	99
10) Hexachlorobutadiene	10.46	225	738	0.384	ng	96
12) 2-Methylnaphthalene	11.80	142	2561	0.394	ng	97
16) Acenaphthylene	13.71	152	3361	0.383	ng	99
17) Acenaphthene	14.06	154	2271	0.386	ng	96
18) Fluorene	15.06	166	2898	0.377	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	909	0.396	ng	# 82
21) Hexachlorobenzene	16.08	284	1054	0.417	ng	# 85
22) Pentachlorophenol	16.45	266	298	0.393	ng	# 81
23) Phenanthrene	16.80	178	4824	0.399	ng	99
24) Anthracene	16.90	178	4138	0.387	ng	96
26) Fluoranthene	18.83	202	5717	0.341	ng	98
28) Pyrene	19.20	202	5739	0.367	ng	99
30) Benzo(a)anthracene	20.95	228	6767	0.392	ng	97
31) Chrysene	21.00	228	7662	0.413	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	6795	0.245	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	10729	0.481	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	7891	0.411	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9144	0.417	ng	93
37) Benzo(a)pyrene	23.11	252	7929	0.425	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8788	0.437	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	8635	0.441	ng	# 88

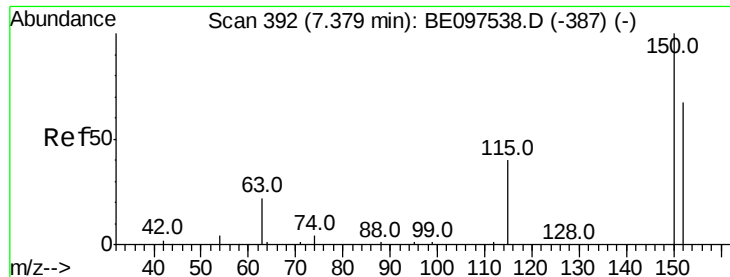
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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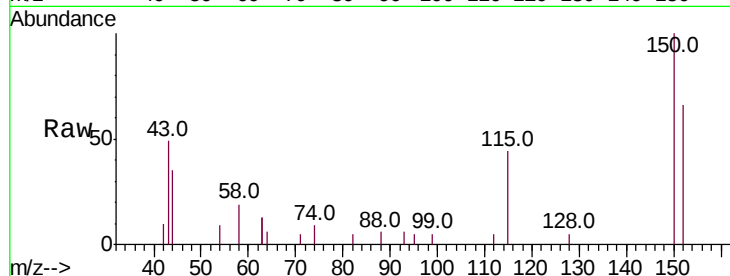


#1

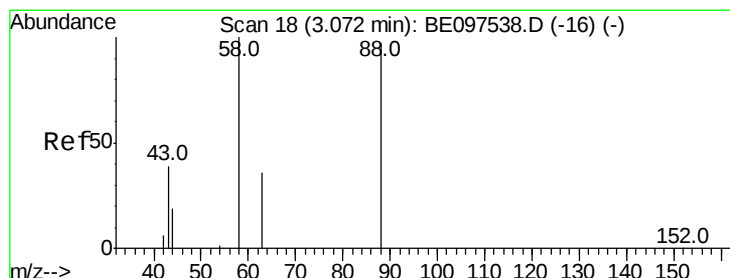
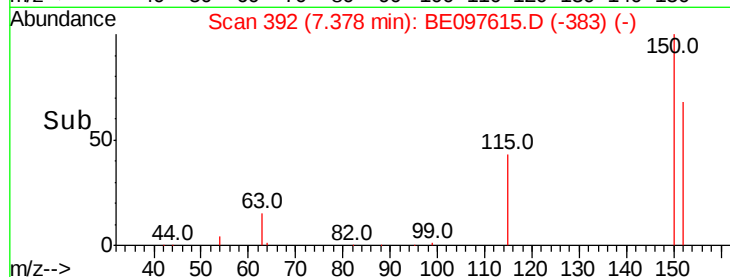
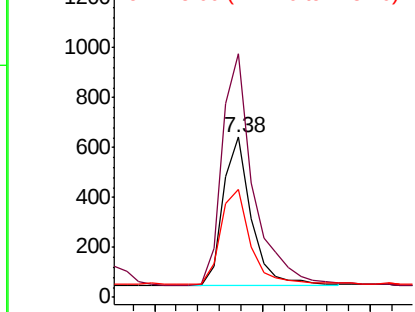
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
PB112764BS

Tot Ion:152 Resp: 1097
Ion Ratio Lower Upper
152 100
150 152.0 117.2 175.8
115 67.3 57.0 85.6



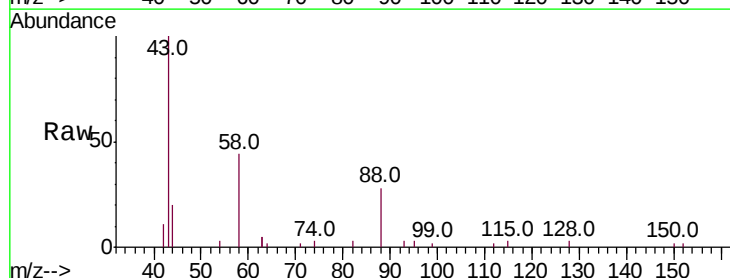
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



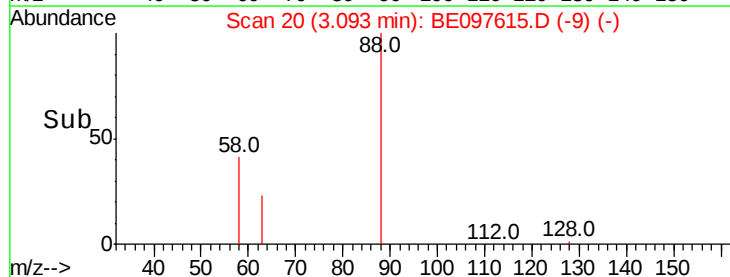
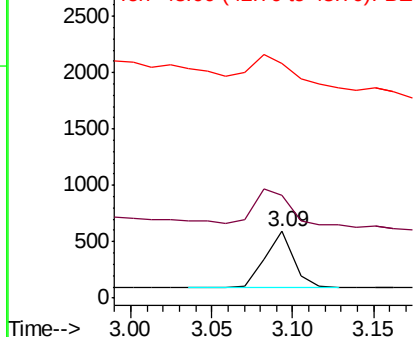
#2

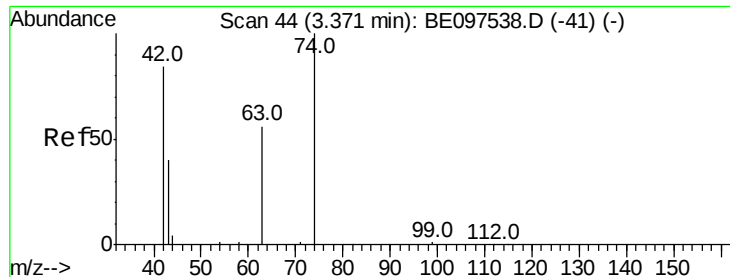
1,4-Dioxane
Concen: 0.325 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.02 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion: 88 Resp: 623
Ion Ratio Lower Upper
88 100
58 74.2 63.2 94.8
43 86.0 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

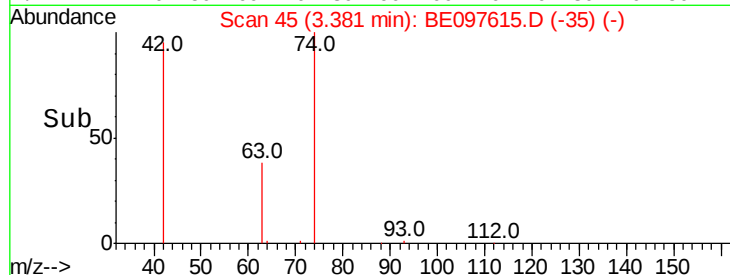
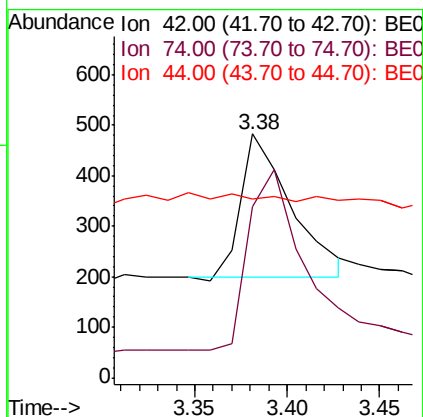
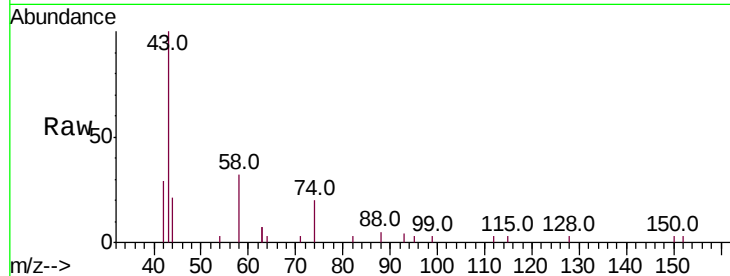




#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

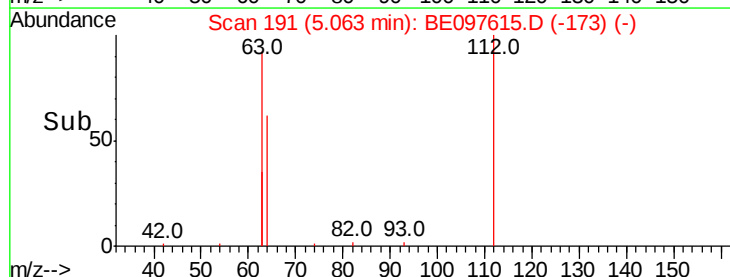
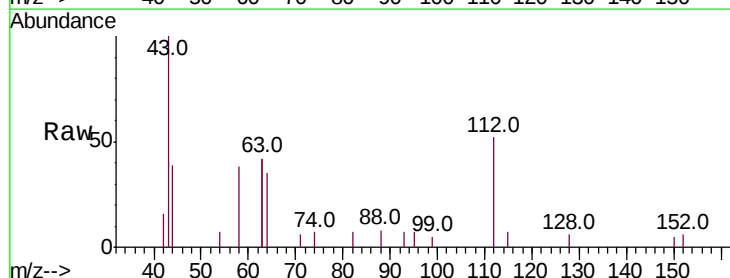
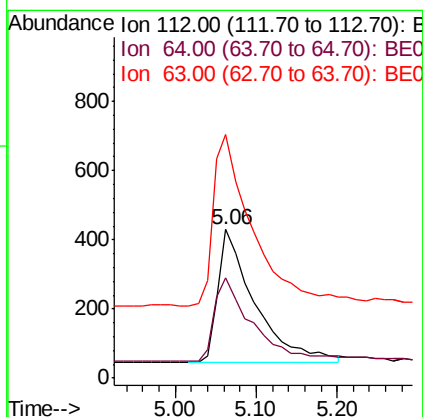
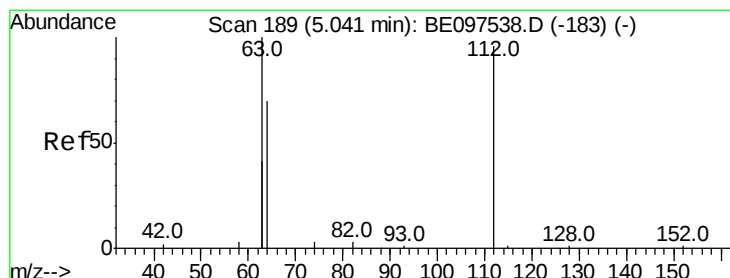
Instrument :
BNA_E
ClientSampleId :
PB112764BS

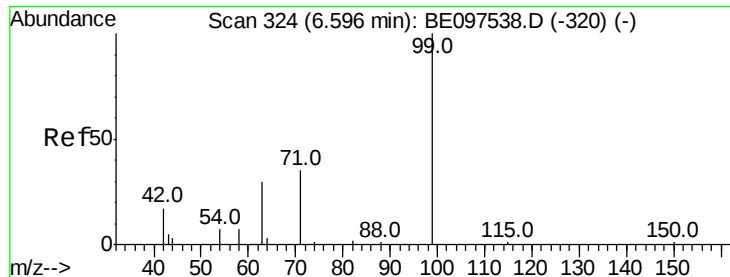
Tot Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
74 138.2 96.0 144.0
44 0.0 12.0 18.0#



#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097615.D
Acq: 21 Sep 2018 17:17

Tgt Ion: 112 Resp: 1222
Ion Ratio Lower Upper
112 100
64 65.8 60.1 90.1
63 137.2 116.8 175.2





#5

Phenol-d6

Concen: 0.319 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

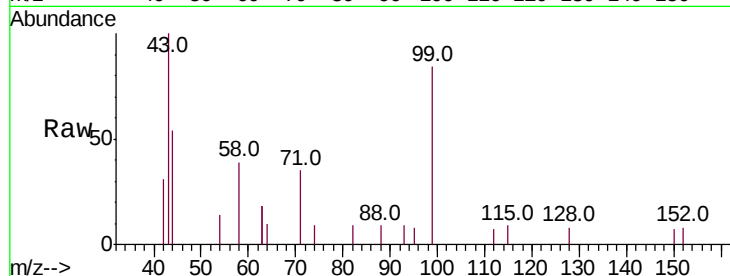
Tot Ion: 99 Resp: 1342

Ion Ratio Lower Upper

99 100

42 20.8 20.2 30.2

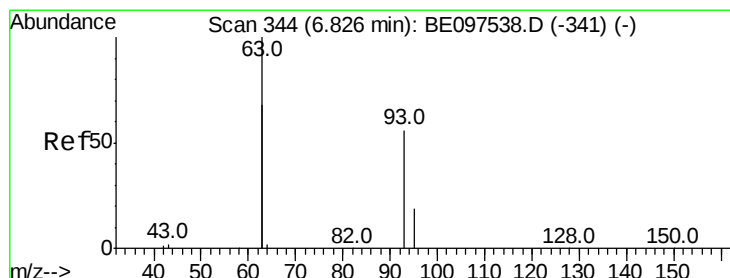
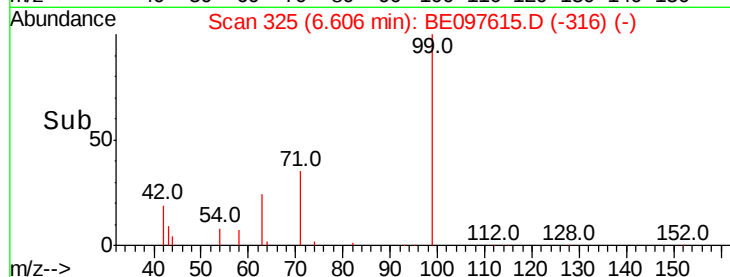
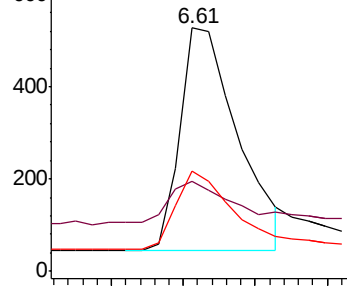
71 34.6 28.4 42.6



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: 0.311 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

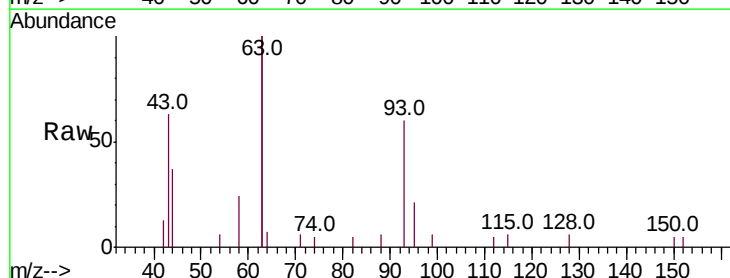
Tgt Ion: 93 Resp: 1213

Ion Ratio Lower Upper

93 100

63 314.3 275.3 412.9

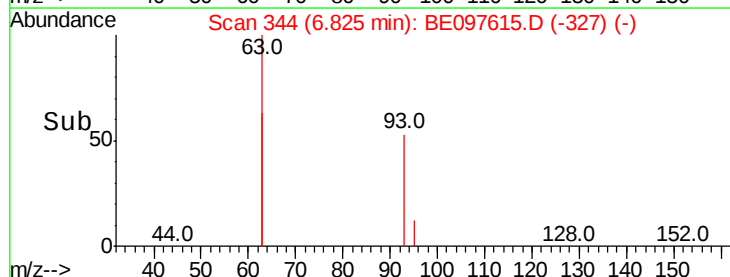
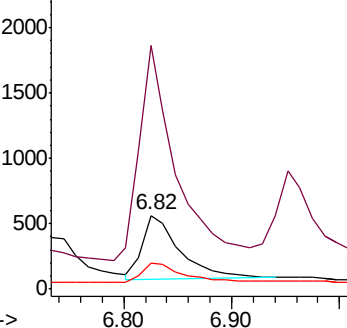
95 34.1 25.2 37.8

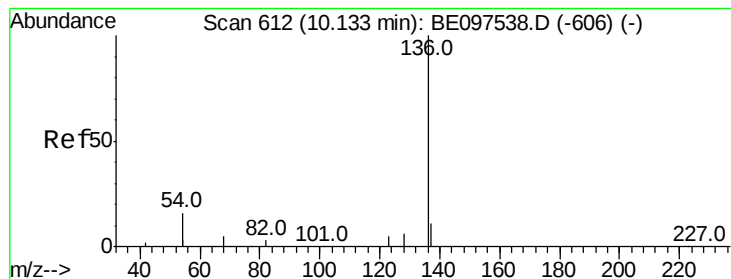


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

Tot Ion:136 Resp: 4627

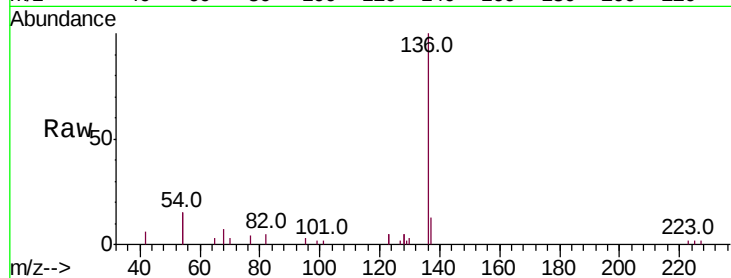
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 30.6 29.1 43.7

68 7.0 6.2 9.2

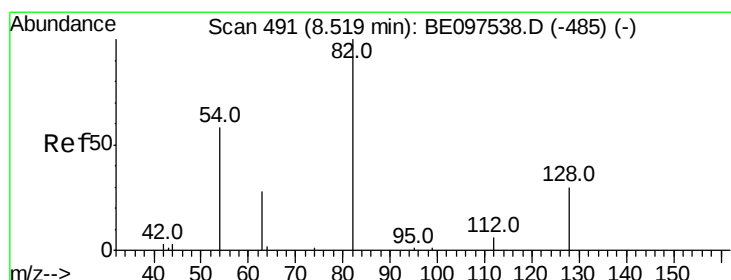
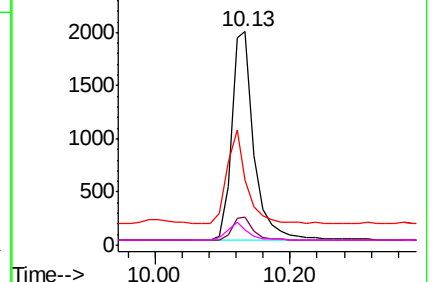
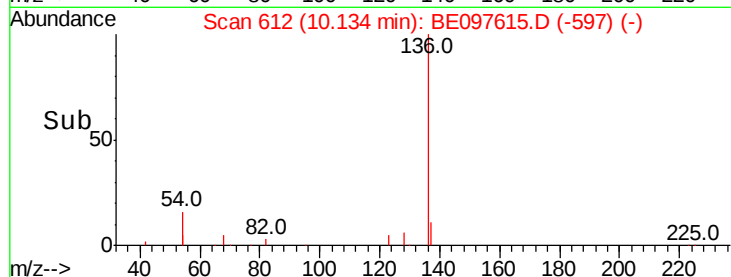


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

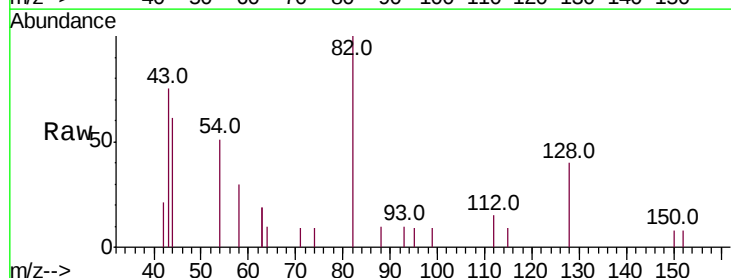
Tgt Ion: 82 Resp: 1335

Ion Ratio Lower Upper

82 100

128 39.7 24.0 36.0#

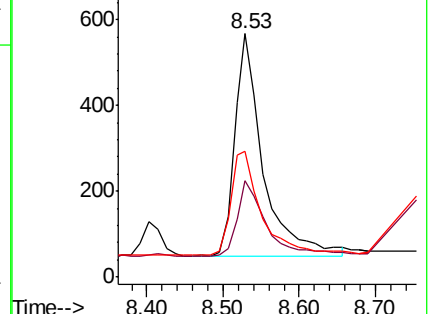
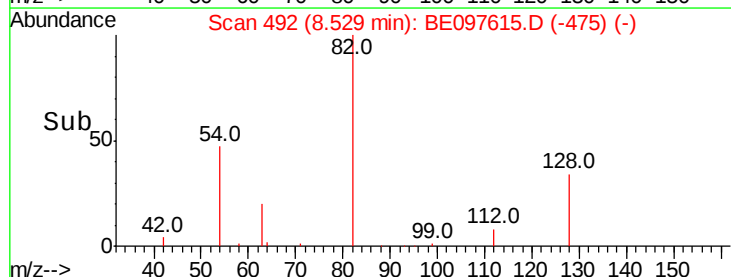
54 51.5 40.0 60.0

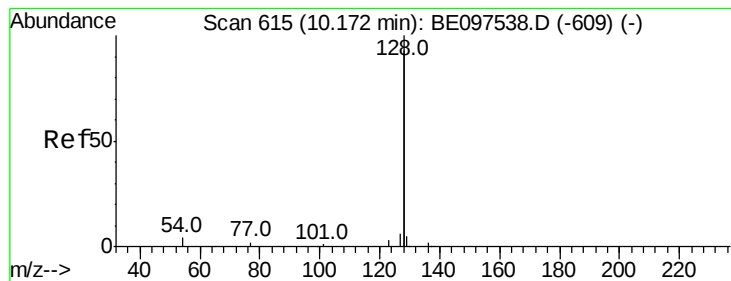


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.410 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

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PB112764BS

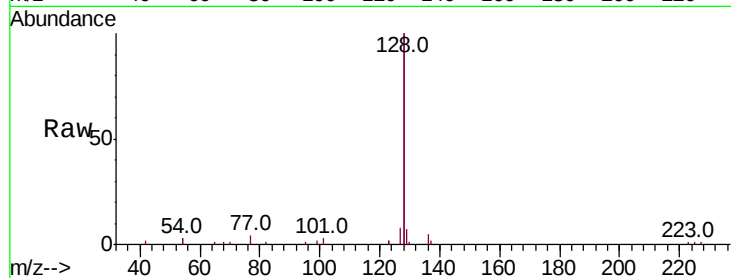
Tot Ion:128 Resp: 17104

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

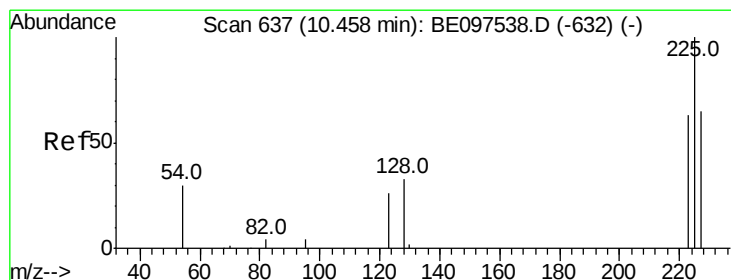
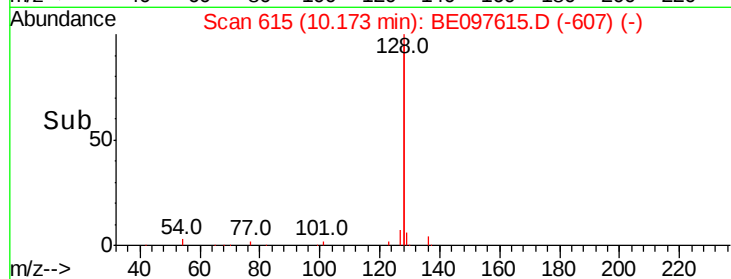
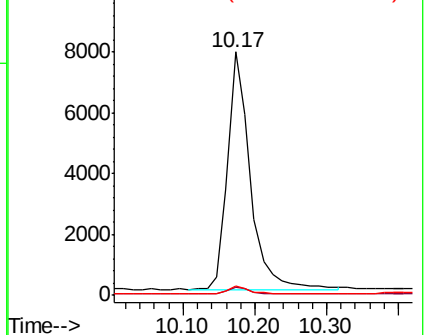
127 3.9 2.8 4.2



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: 0.384 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

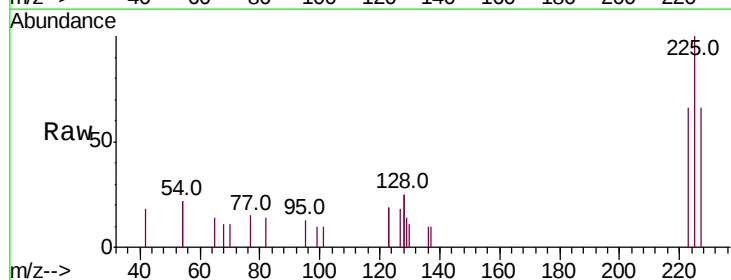
Tgt Ion:225 Resp: 738

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

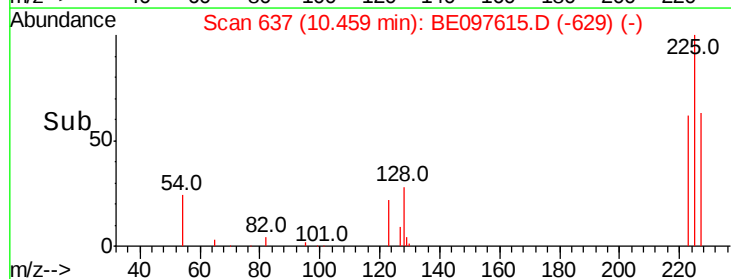
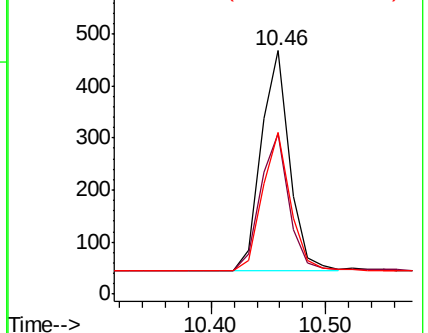
227 62.5 51.4 77.2

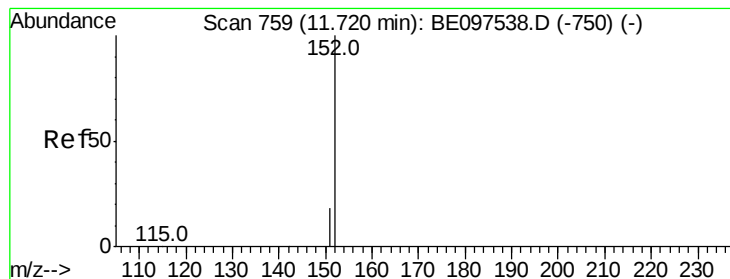


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.519 ng

RT: 11.72 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

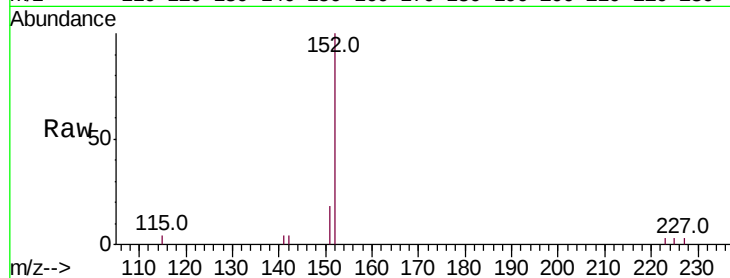
PB112764BS

Tot Ion:152 Resp: 3313

Ion Ratio Lower Upper

152 100

151 14.2 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1500

1000

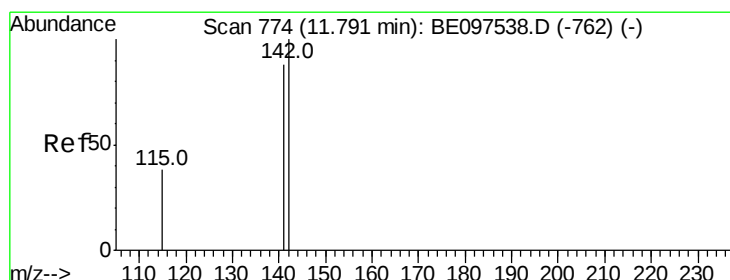
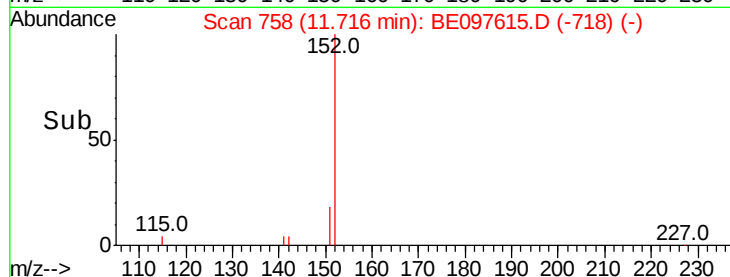
500

0

Time-->

11.60

11.80



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

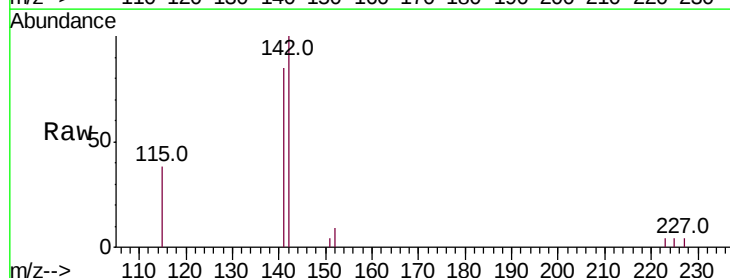
Tgt Ion:142 Resp: 2561

Ion Ratio Lower Upper

142 100

141 84.8 70.4 105.6

115 38.4 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

11.80

1500

1000

500

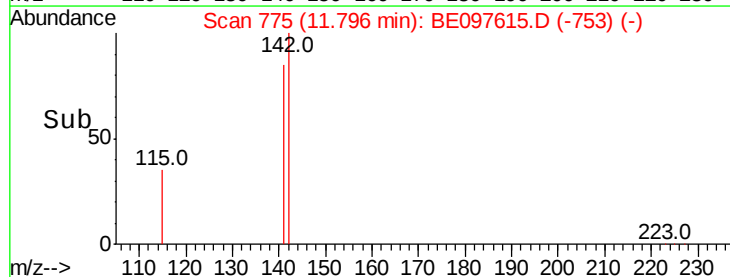
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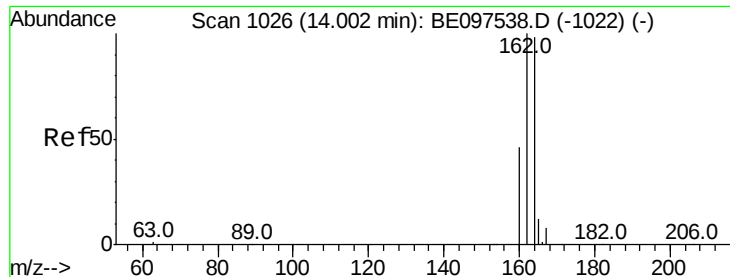
Time-->

11.70

11.80

11.90

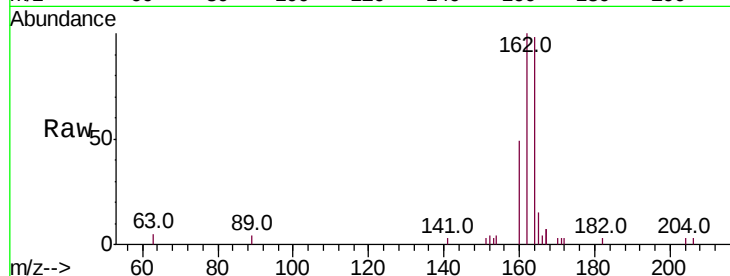




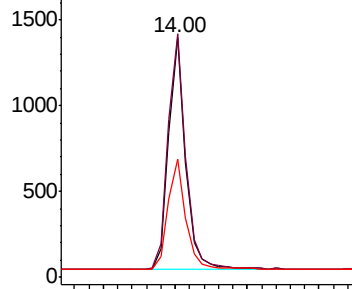
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

Instrument :
 BNA_E
 ClientSampleId :
 PB112764BS

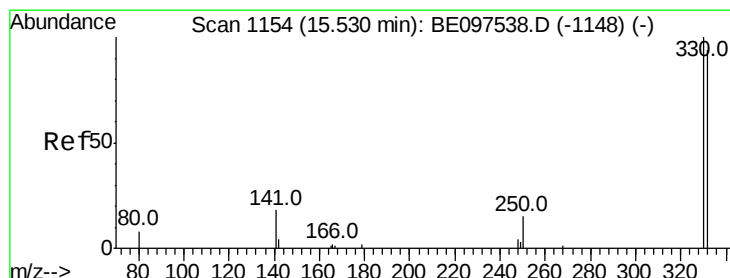
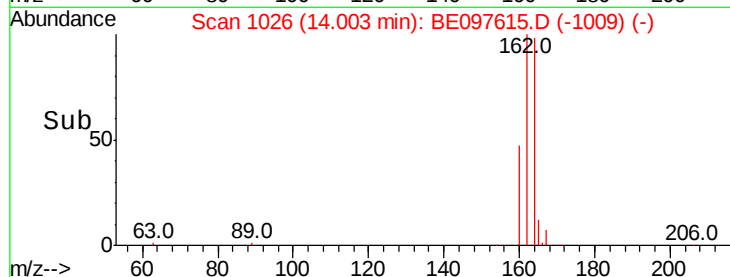
Tot Ion:164 Resp: 2222
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.1 124.7
 160 49.5 37.1 55.7



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

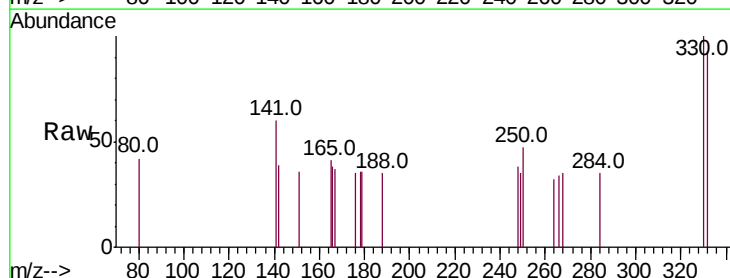


Time--> 13.90 14.00 14.10 14.20

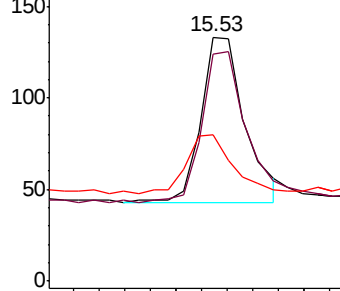


#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

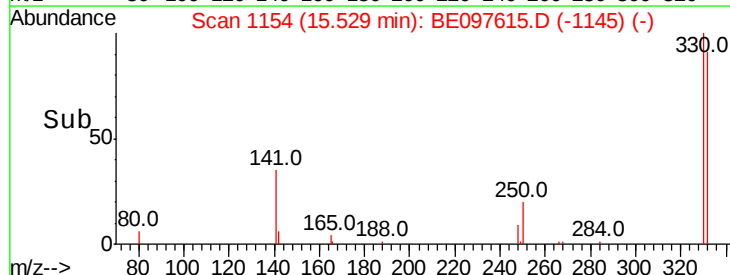
Tgt Ion:330 Resp: 214
 Ion Ratio Lower Upper
 330 100
 332 93.0 152.7 229.1#
 141 37.4 33.7 50.5

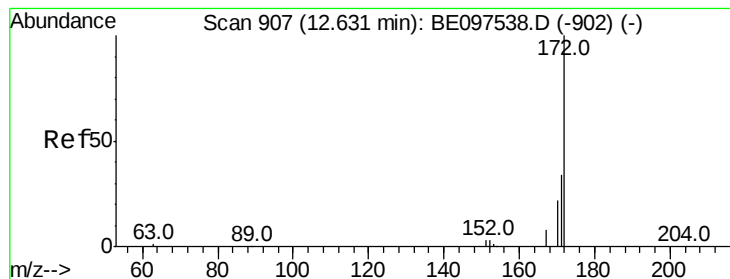


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 15.50 15.60





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

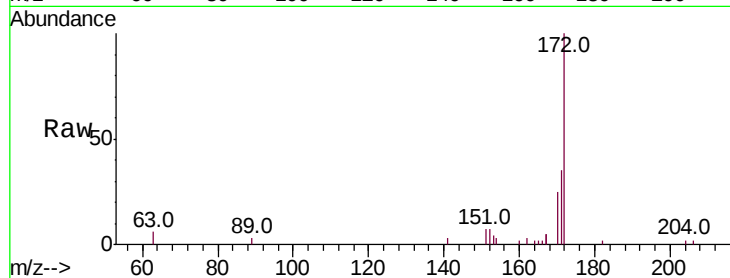
Tot Ion:172 Resp: 3682

Ion Ratio Lower Upper

172 100

171 34.7 29.9 44.9

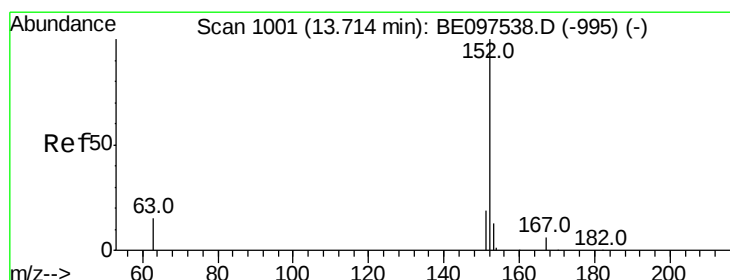
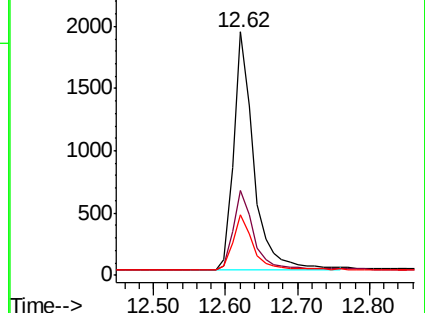
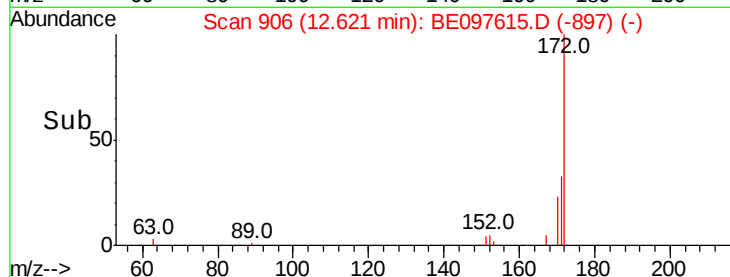
170 24.8 21.8 32.8



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: 0.383 ng

RT: 13.71 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

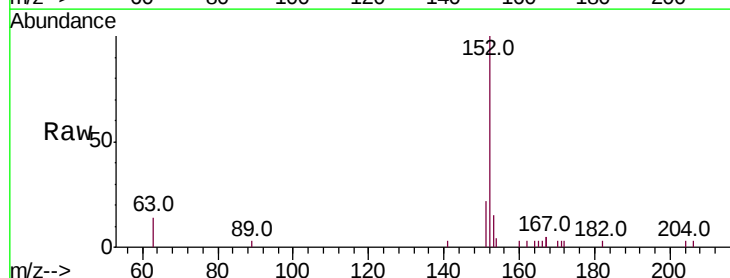
Tgt Ion:152 Resp: 3361

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

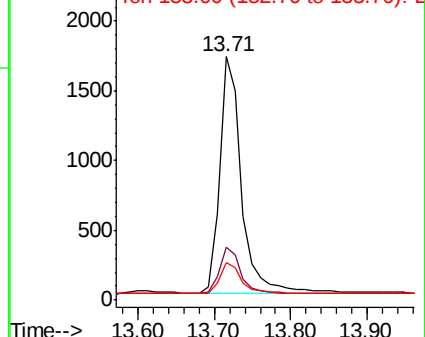
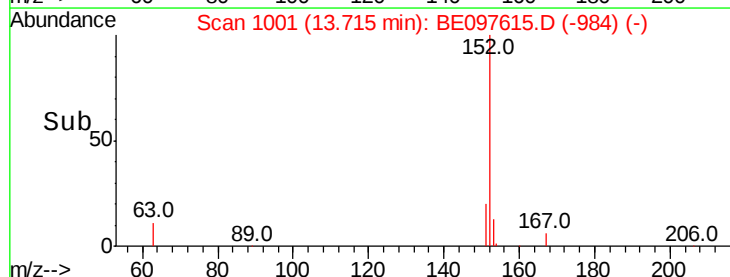
153 13.5 10.5 15.7

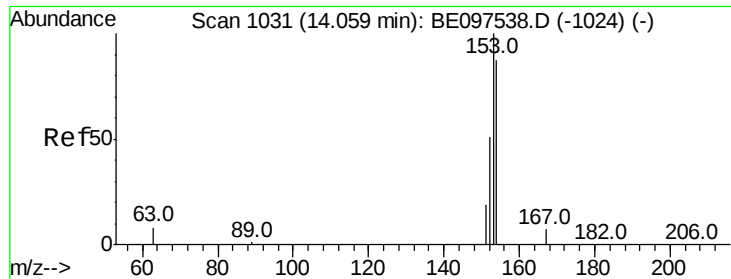


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

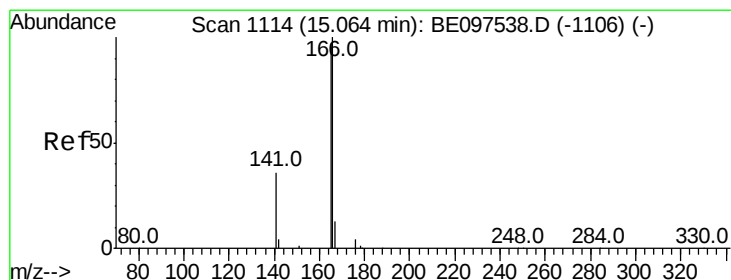
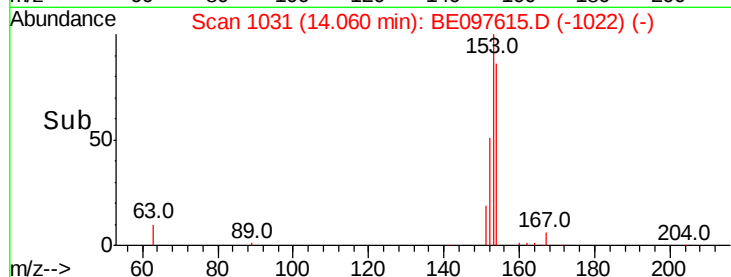
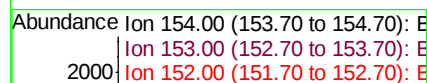
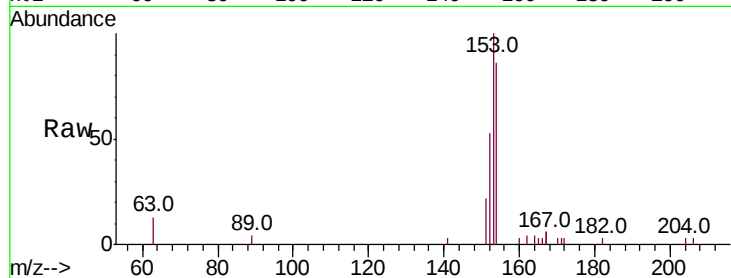
Tot Ion:154 Resp: 2271

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

152 58.2 42.0 63.0



#18

Fluorene

Concen: 0.377 ng

RT: 15.06 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

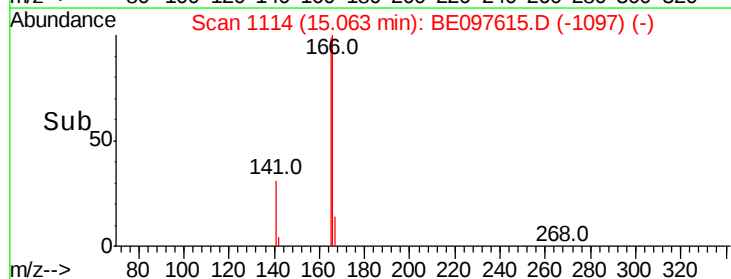
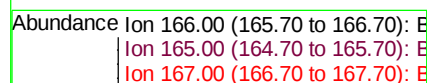
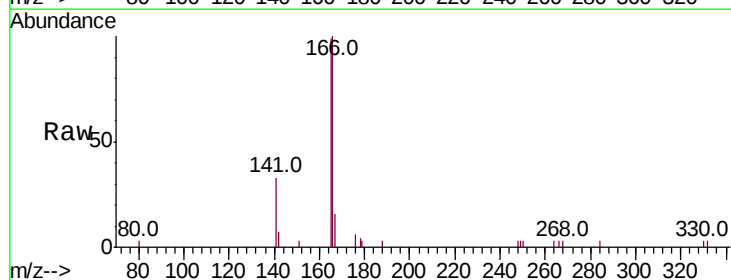
Tgt Ion:166 Resp: 2898

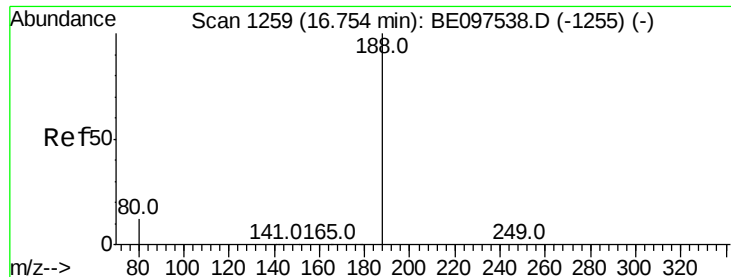
Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

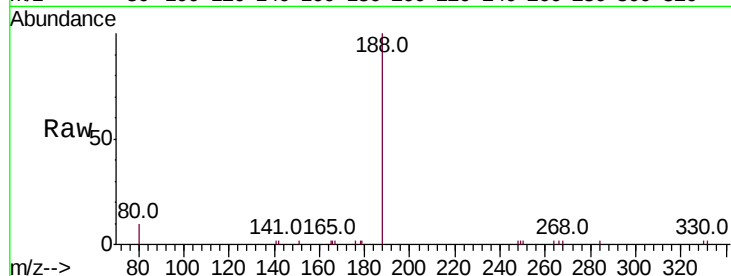
Tot Ion:188 Resp: 5096

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

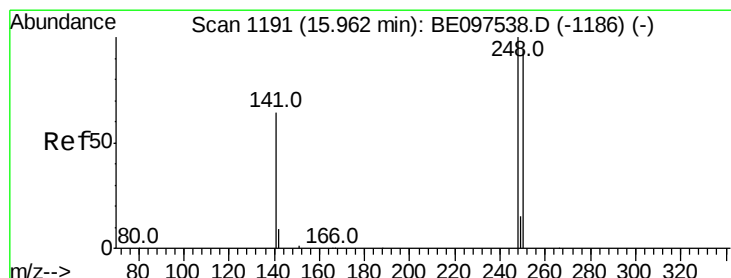
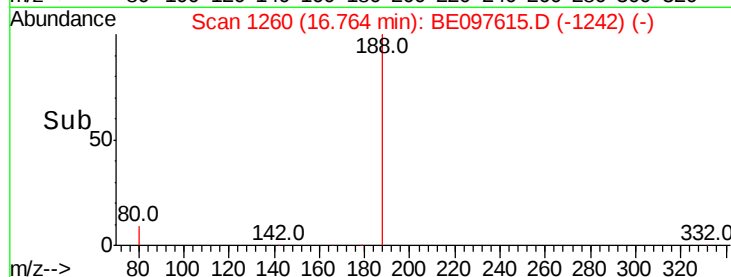
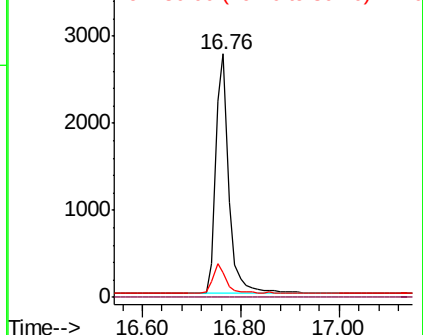
80 10.3 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

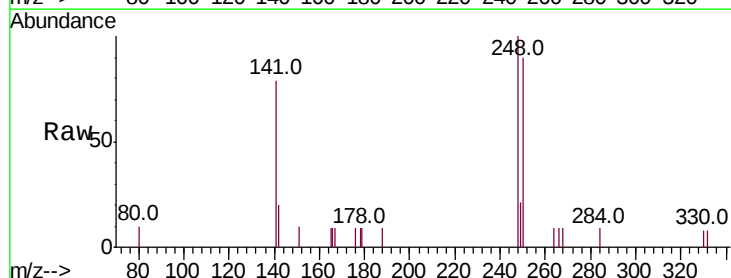
Tgt Ion:248 Resp: 909

Ion Ratio Lower Upper

248 100

250 89.6 62.7 94.1

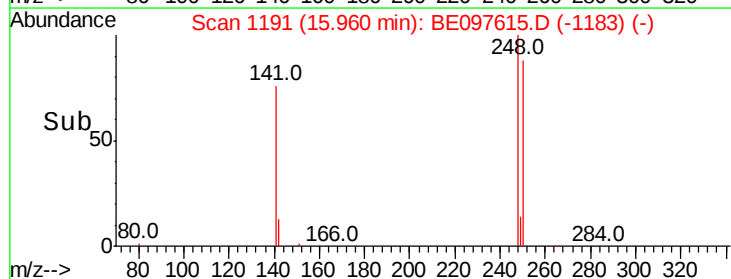
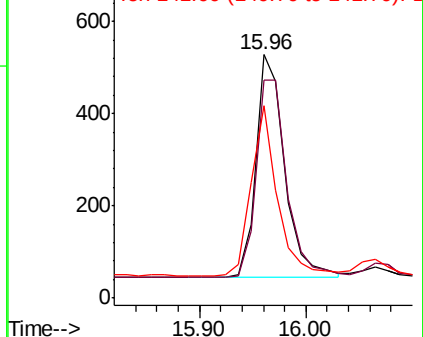
141 79.0 48.2 72.2#

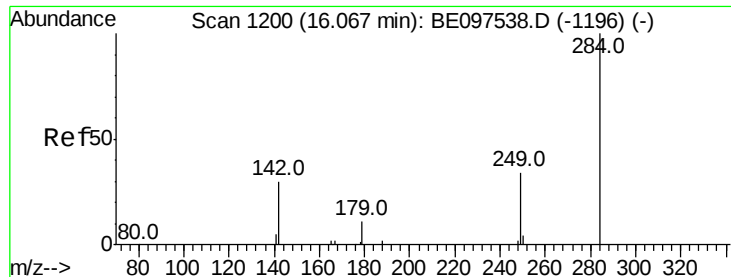


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.417 ng

RT: 16.08 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

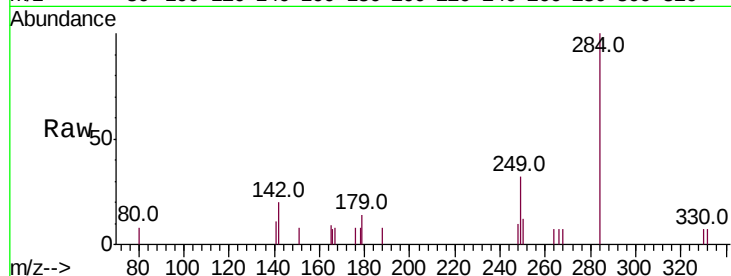
Tot Ion:284 Resp: 1054

Ion Ratio Lower Upper

284 100

142 31.5 22.1 33.1

249 31.2 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

16.08

600

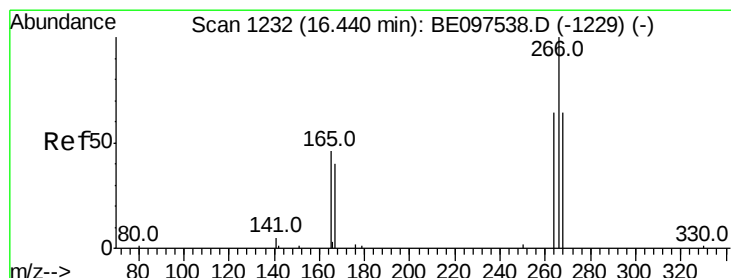
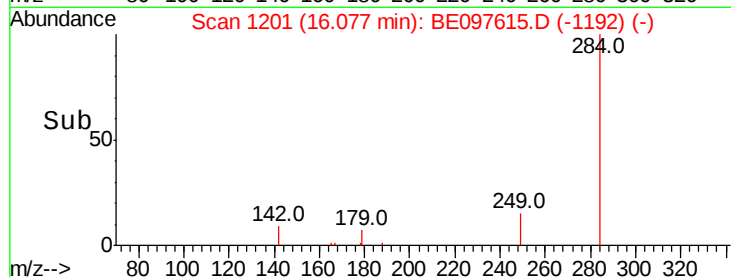
400

200

0

16.00 16.05 16.10 16.15

Time-->



#22

Pentachlorophenol

Concen: 0.393 ng

RT: 16.45 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

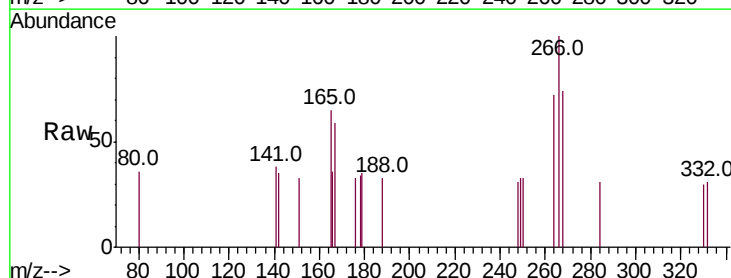
Tgt Ion:266 Resp: 298

Ion Ratio Lower Upper

266 100

264 72.2 72.5 108.7#

268 73.6 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

16.45

200

150

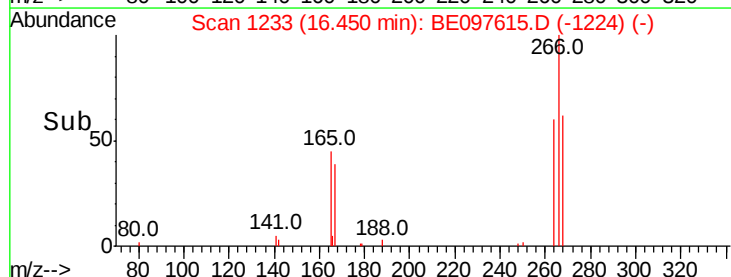
100

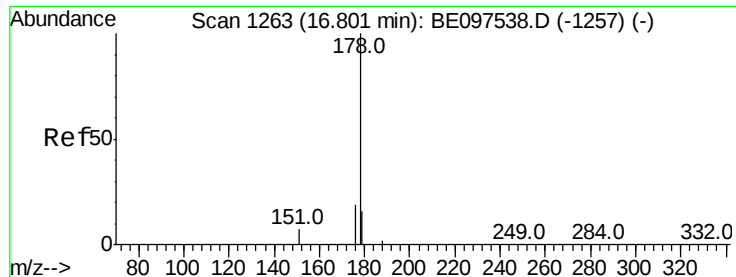
50

0

16.40 16.50

Time-->





#23

Phenanthrene

Concen: 0.399 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

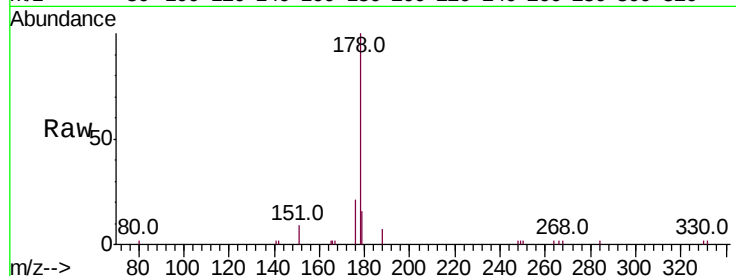
Tot Ion:178 Resp: 4824

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

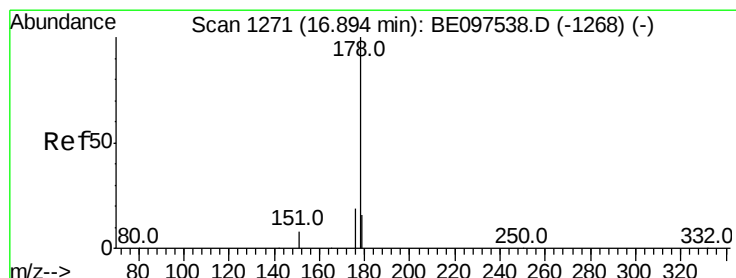
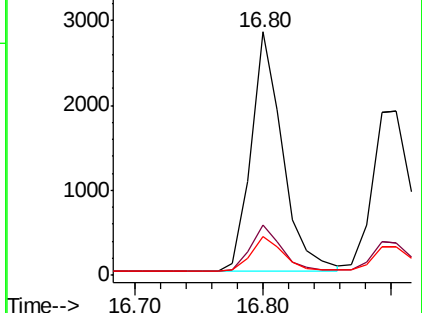
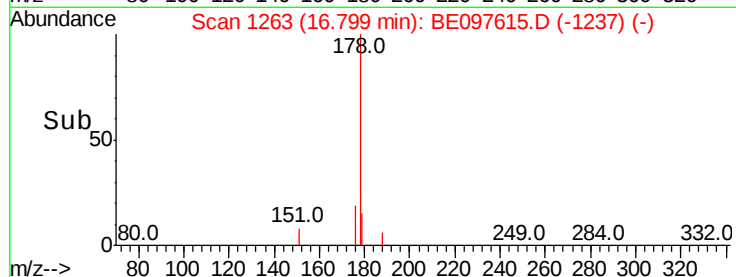
179 15.5 11.8 17.6



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: 0.387 ng

RT: 16.90 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

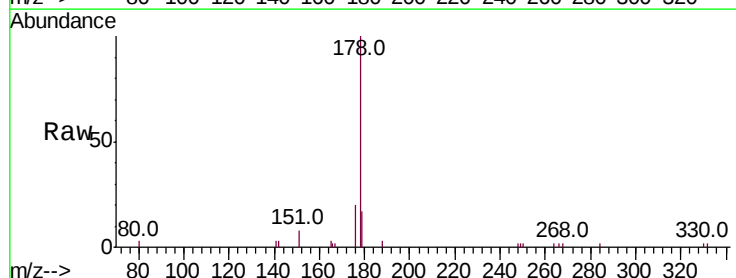
Tgt Ion:178 Resp: 4138

Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

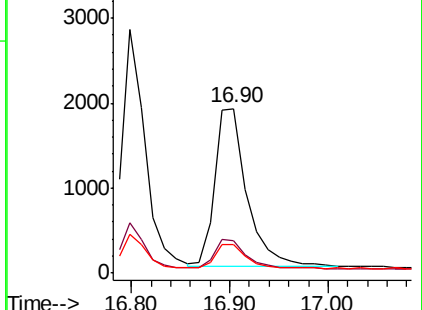
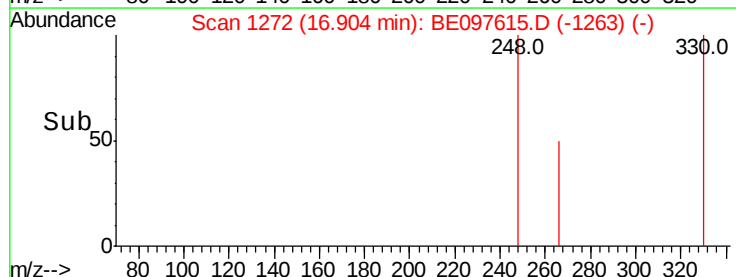
179 15.1 13.0 19.6

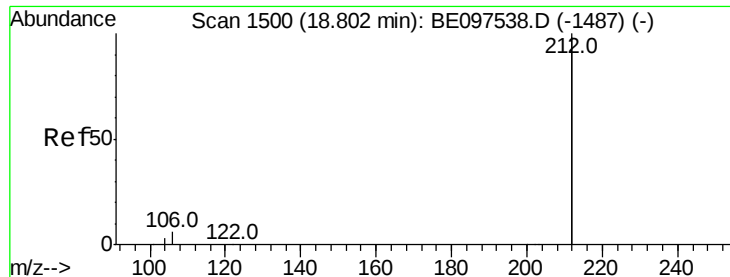


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

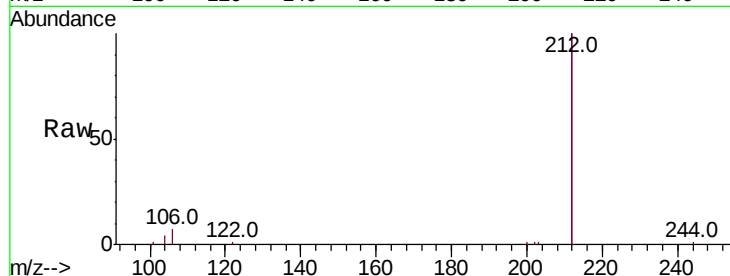
Tot Ion:212 Resp: 23628

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

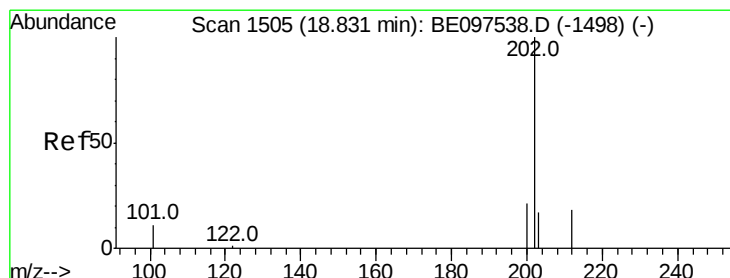
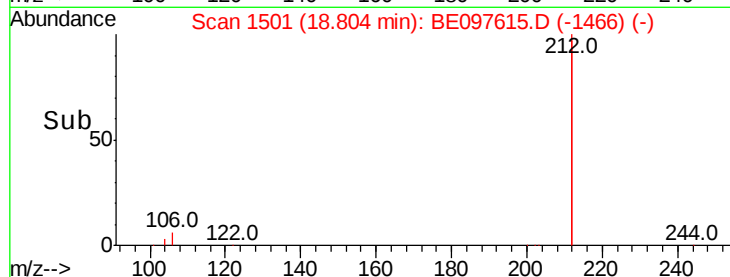
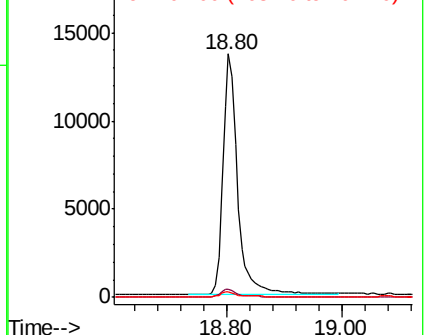
104 1.8 1.6 2.4



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: 0.341 ng

RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

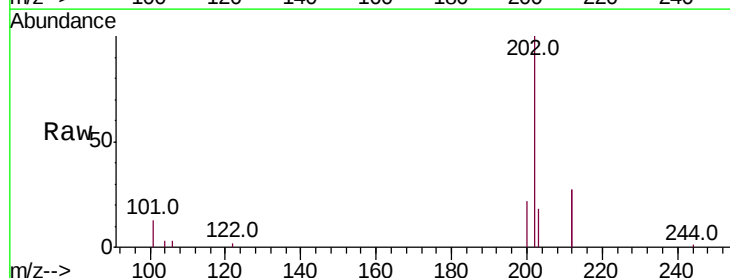
Tgt Ion:202 Resp: 5717

Ion Ratio Lower Upper

202 100

101 10.7 9.8 14.8

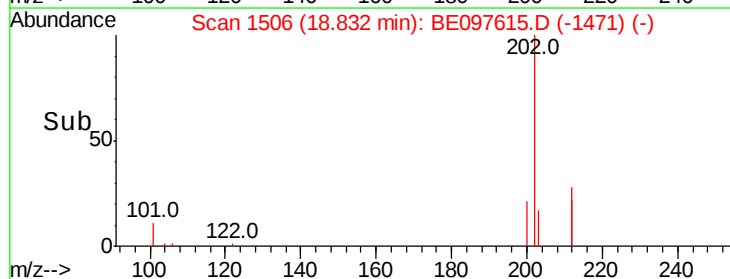
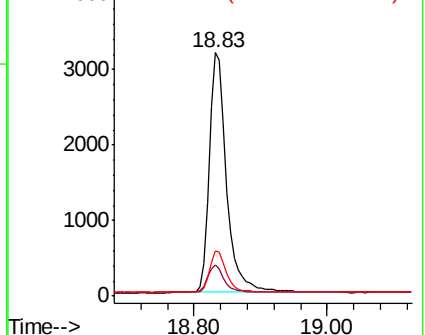
203 16.7 13.7 20.5

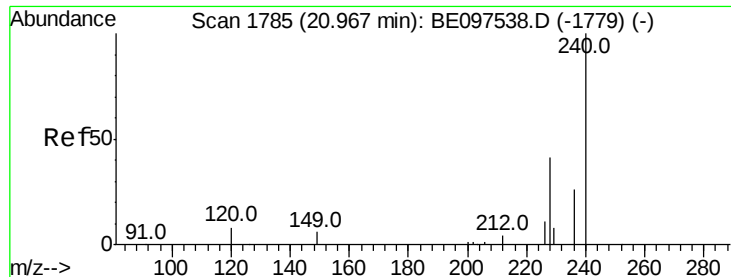


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

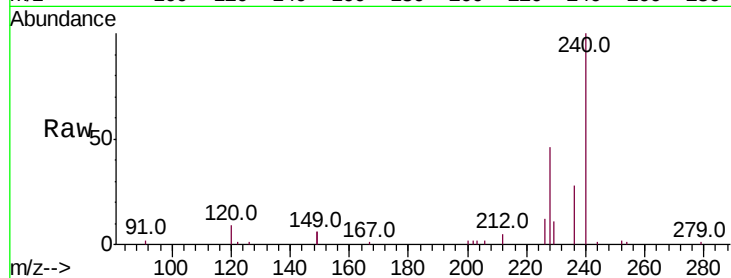
Tot Ion:240 Resp: 6862

Ion Ratio Lower Upper

240 100

120 8.6 5.5 8.3#

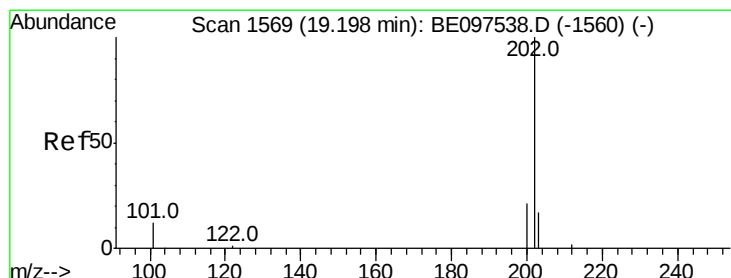
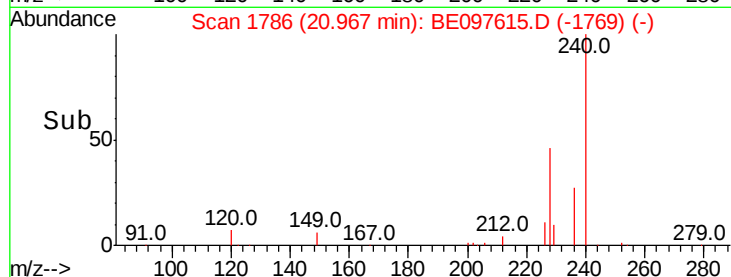
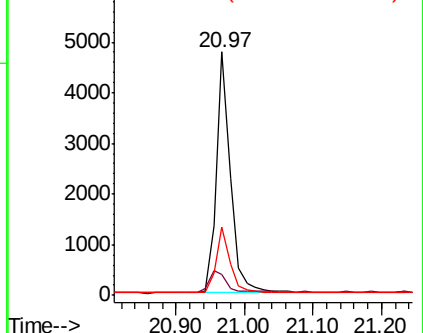
236 27.9 20.7 31.1



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: 0.367 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

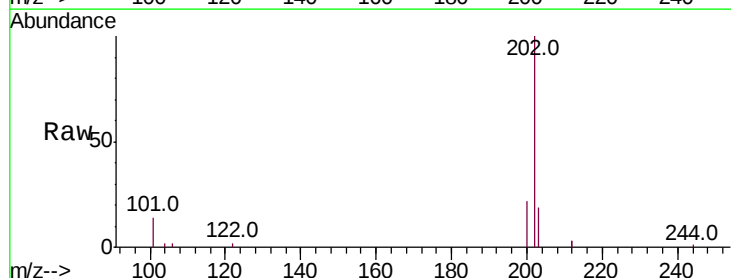
Tgt Ion:202 Resp: 5739

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

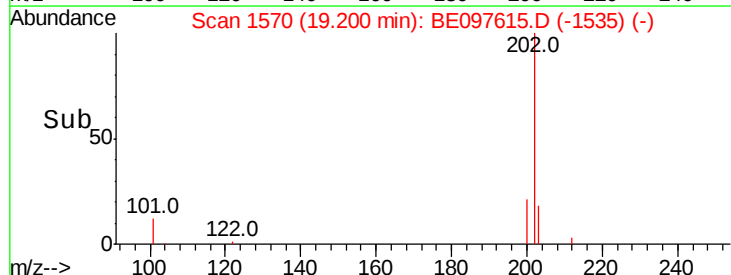
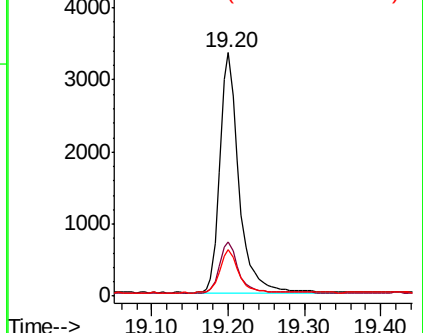
203 18.0 13.8 20.8

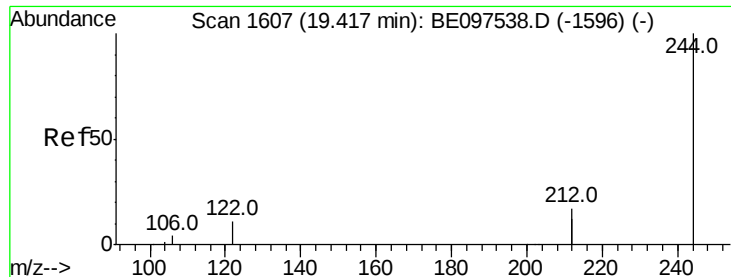


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

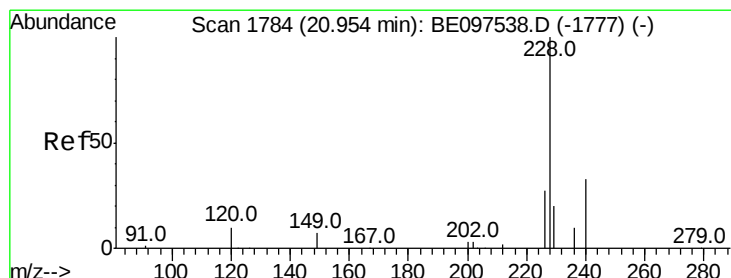
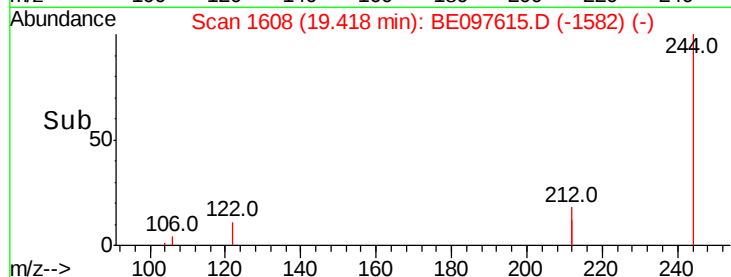
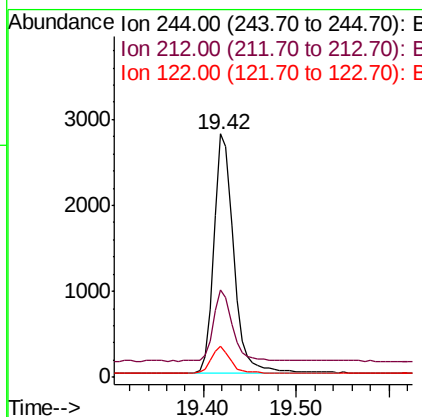
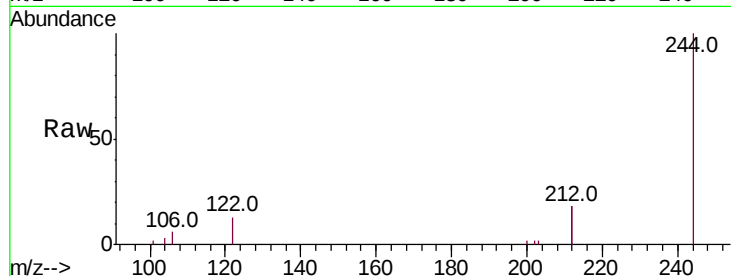




#29
 Terphenyl-d14
 Concen: 0.331 ng
 RT: 19.42 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

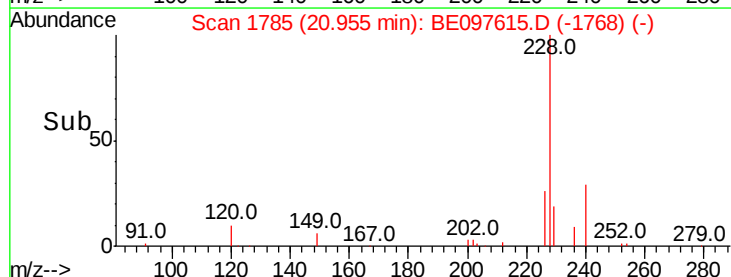
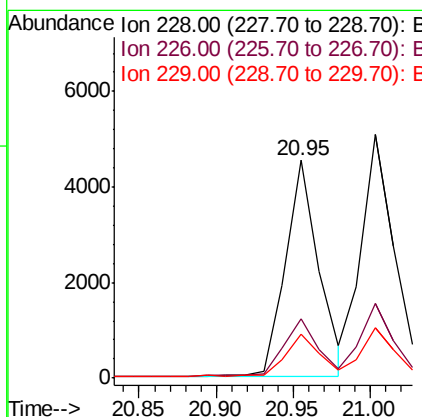
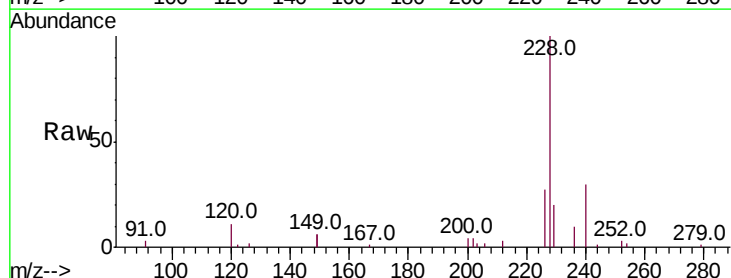
Instrument :
 BNA_E
 ClientSampleId :
 PB112764BS

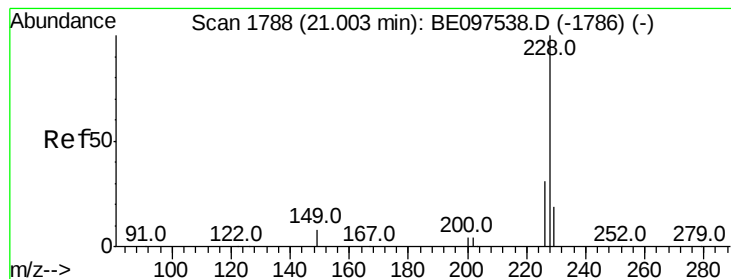
Tot Ion:244 Resp: 4152
 Ion Ratio Lower Upper
 244 100
 212 36.1 25.4 38.0
 122 12.7 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 20.95 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

Tgt Ion:228 Resp: 6767
 Ion Ratio Lower Upper
 228 100
 226 27.0 24.0 36.0
 229 20.2 16.0 24.0



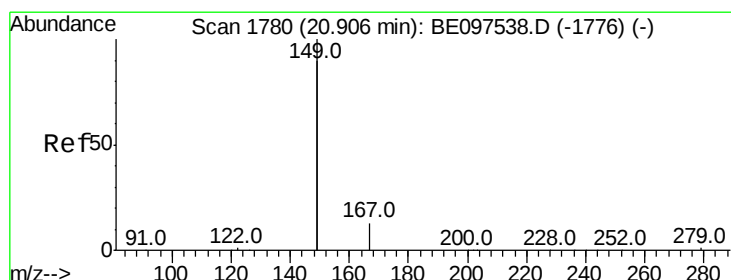
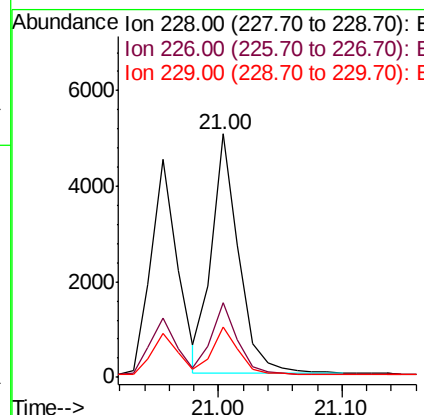
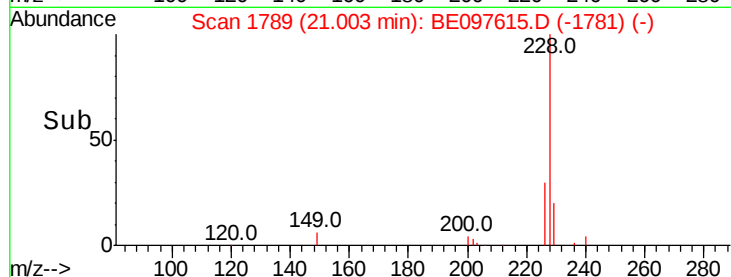
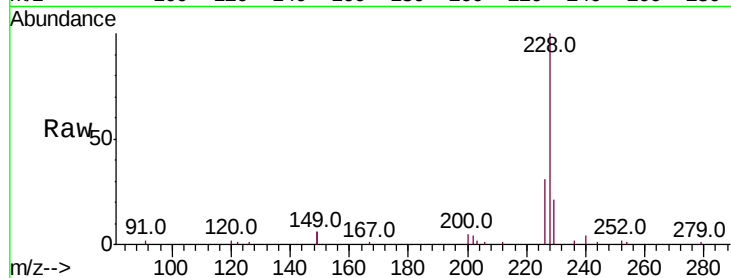


#31
 Chrysene
 Concen: 0.413 ng
 RT: 21.00 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

Instrument :
 BNA_E
 ClientSampleId :
 PB112764BS

Tot Ion:228 Resp: 7662

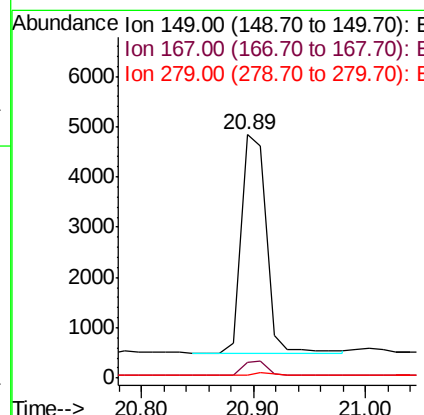
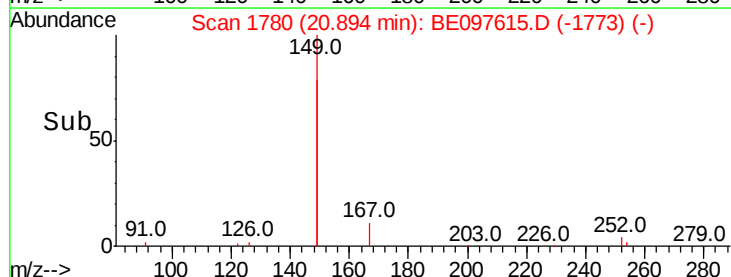
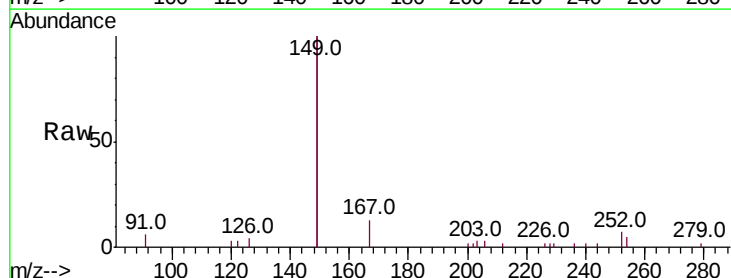
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.6	16.0	24.0

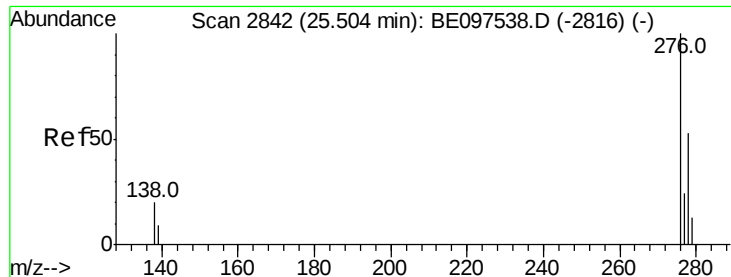


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.245 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097615.D
 Acq: 21 Sep 2018 17:17

Tgt Ion:149 Resp: 6795

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.481 ng

RT: 25.51 min Scan# 2844

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

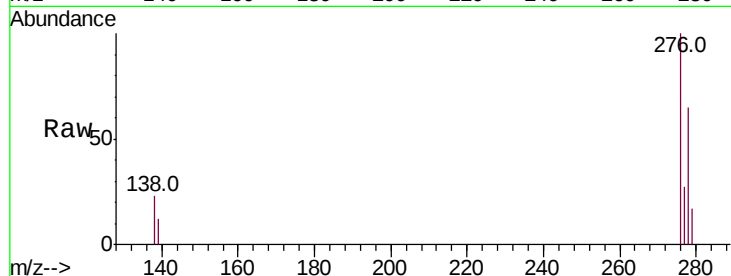
Tot Ion:276 Resp: 10729

Ion Ratio Lower Upper

276 100

138 22.0 22.5 33.7#

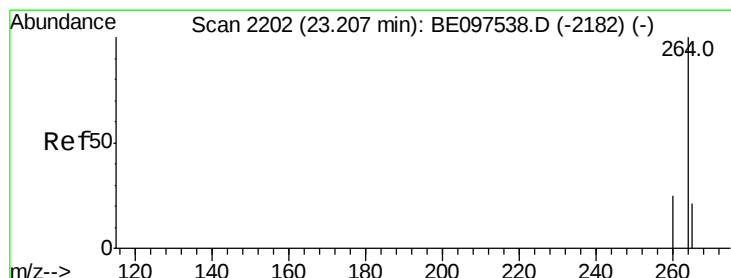
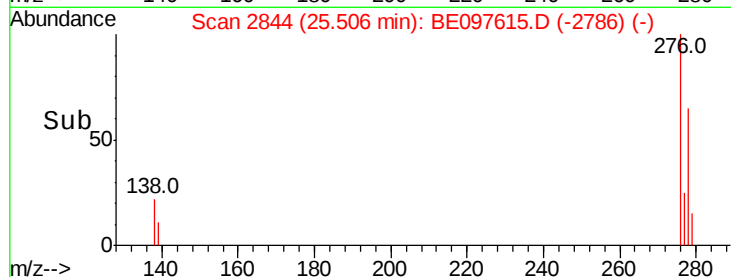
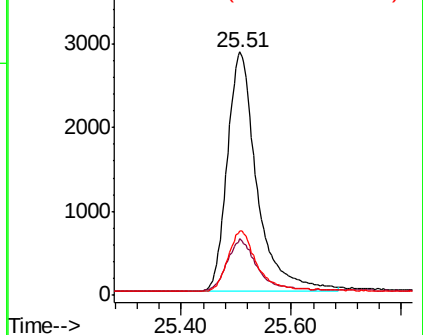
277 24.8 19.9 29.9



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: 23.20 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

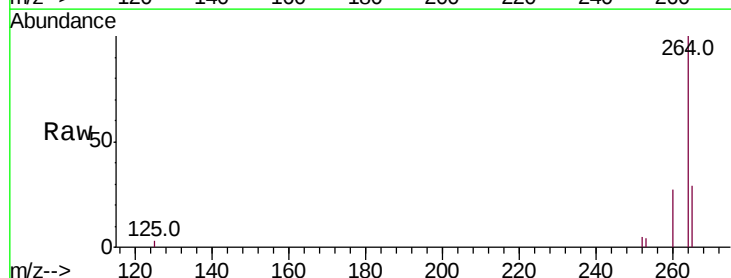
Tgt Ion:264 Resp: 7488

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

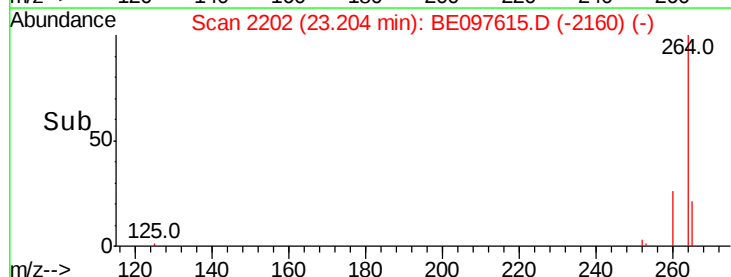
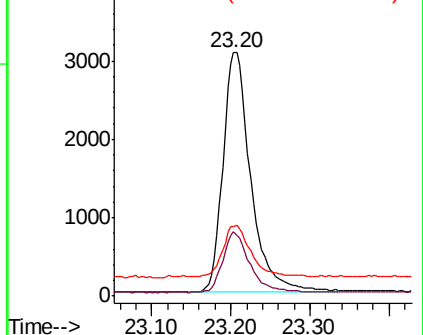
265 28.7 22.8 34.2

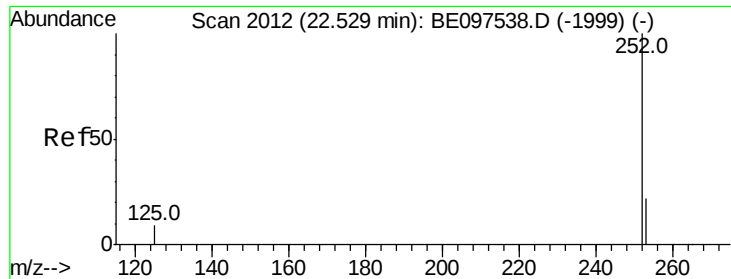


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.411 ng

RT: 22.53 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

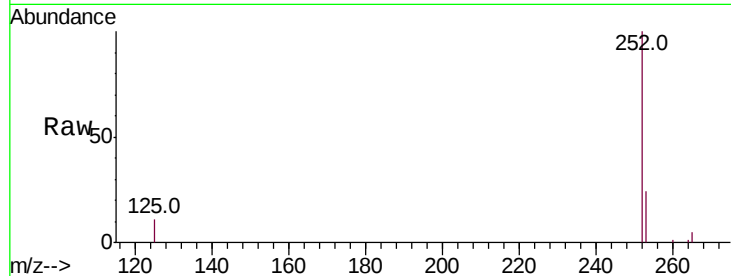
Tot Ion:252 Resp: 7891

Ion Ratio Lower Upper

252 100

253 24.0 20.0 30.0

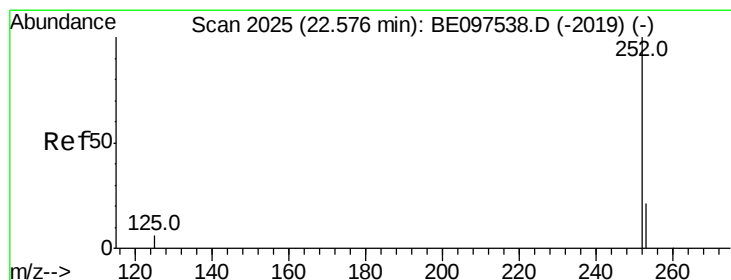
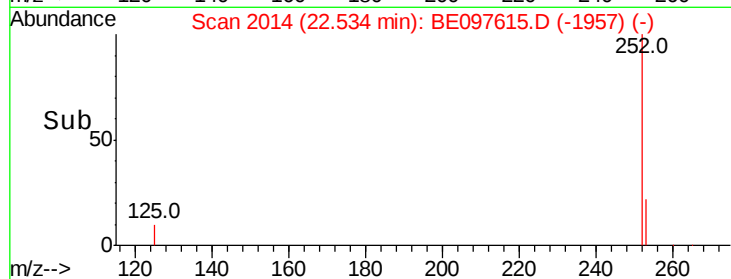
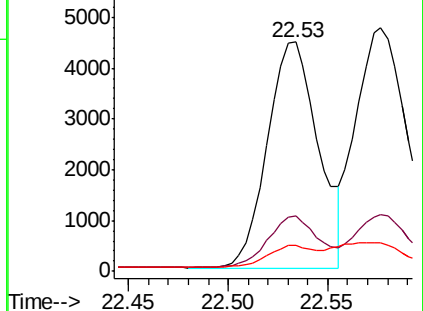
125 11.2 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.417 ng

RT: 22.58 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

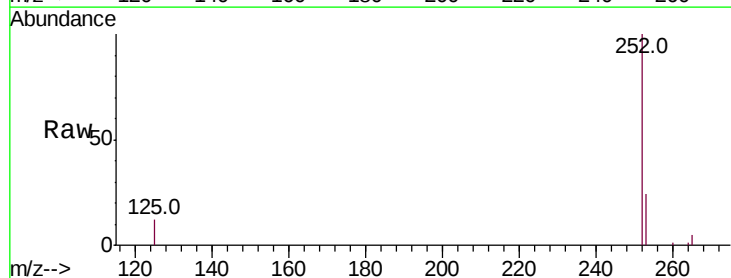
Tgt Ion:252 Resp: 9144

Ion Ratio Lower Upper

252 100

253 23.5 16.0 24.0

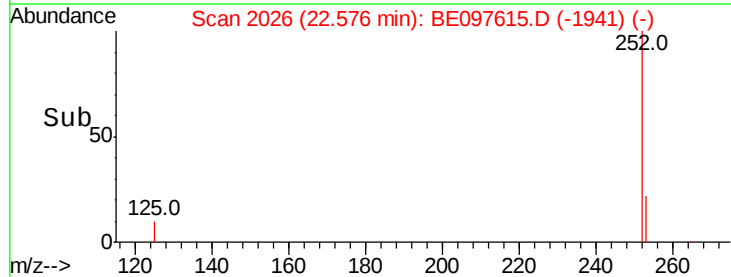
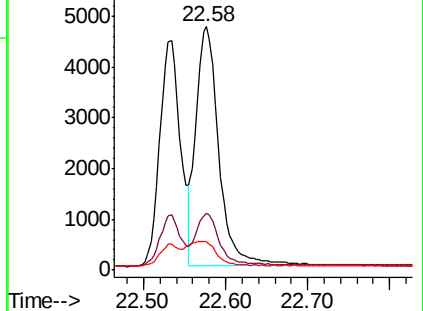
125 11.6 8.0 12.0

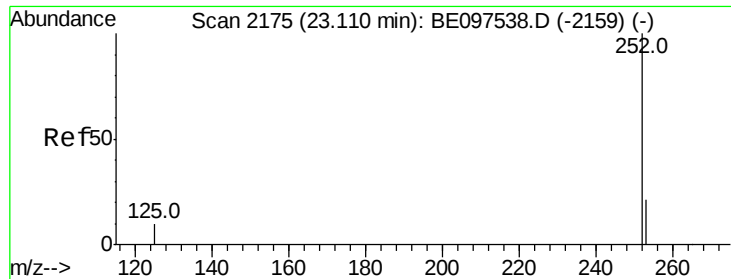


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

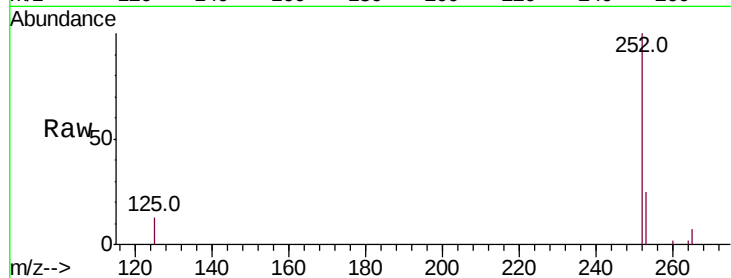
Tot Ion:252 Resp: 7929

Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

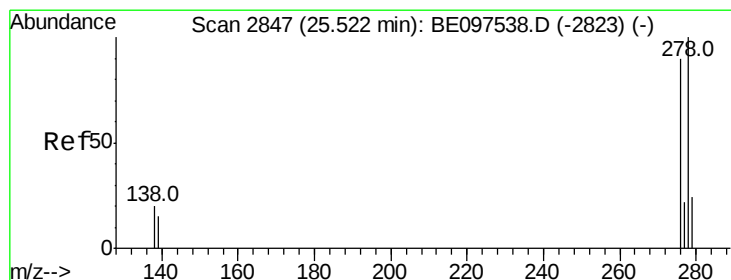
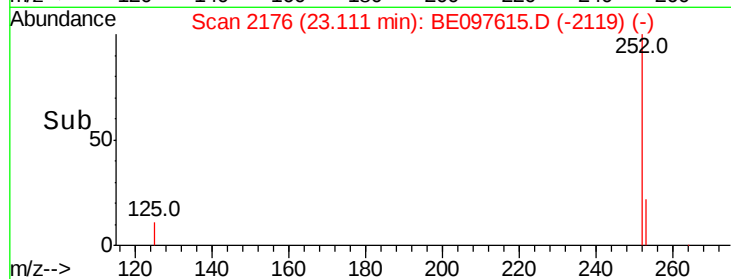
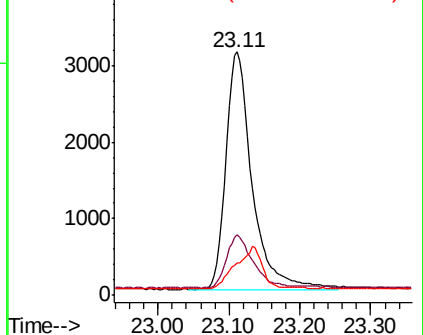
125 13.3 12.0 18.0



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: 0.437 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

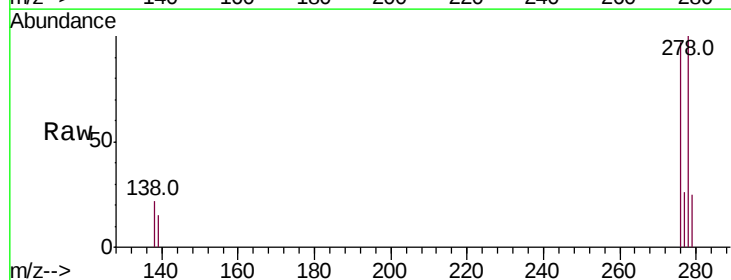
Tgt Ion:278 Resp: 8788

Ion Ratio Lower Upper

278 100

139 15.5 16.0 24.0#

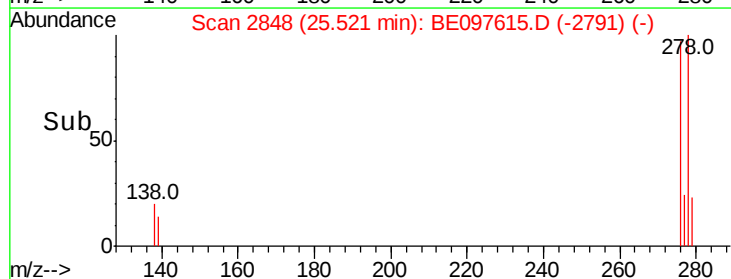
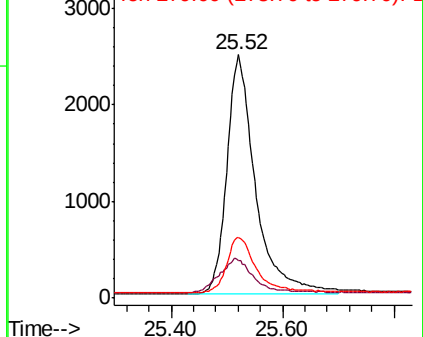
279 24.8 20.0 30.0

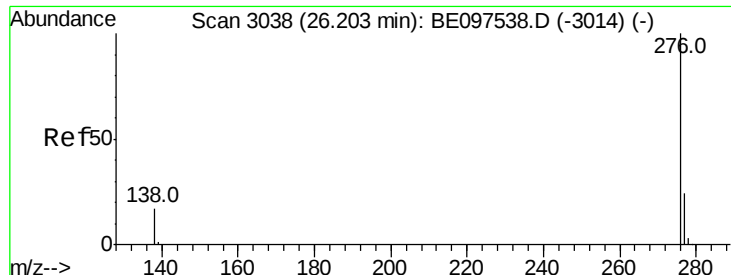


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.441 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.01 min

Lab File: BE097615.D

Acq: 21 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

PB112764BS

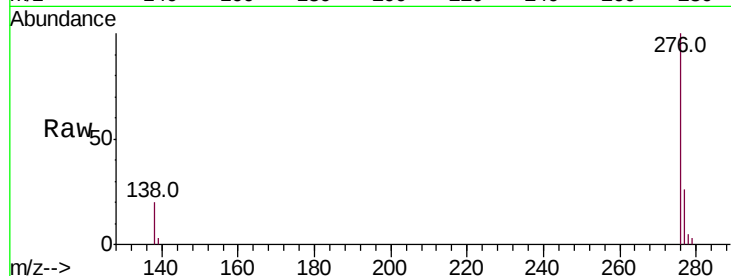
Tot Ion:276 Resp: 8635

Ion Ratio Lower Upper

276 100

277 26.2 16.0 24.0#

138 19.5 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

