

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097491.D
 Acq On : 17 Sep 2018 11:20
 Operator : SJ/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Quant Time: Sep 17 13:06:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 13:06:03 2018
 Response via : Initial Calibration

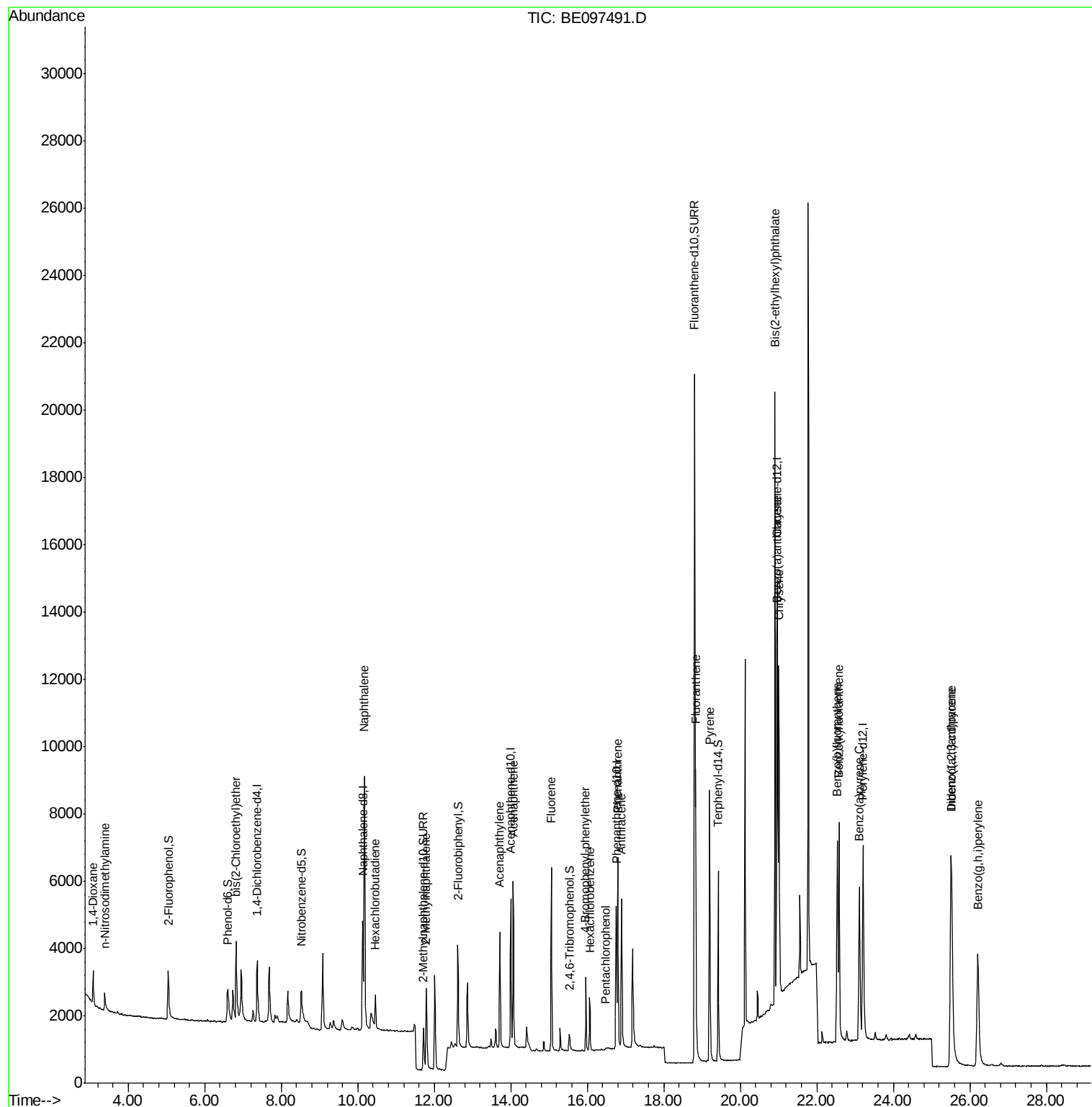
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	948	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4408	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2593	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	7024	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8819	0.40	ng	0.00
34) Perylene-d12	23.21	264	8875	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1136	0.41	ng	0.00
5) Phenol-d6	6.61	99	1303	0.35	ng	0.00
8) Nitrobenzene-d5	8.53	82	1182	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2330	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	442	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3368	0.35	ng	0.00
25) Fluoranthene-d10	18.80	212	30660	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	6021	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	623	0.370	ng	Qvalue # 86
3) n-Nitrosodimethylamine	3.38	42	447	0.284	ng	# 88
6) bis(2-Chloroethyl)ether	6.82	93	1206	0.350	ng	77
9) Naphthalene	10.17	128	14947	0.372	ng	99
10) Hexachlorobutadiene	10.46	225	709	0.395	ng	97
12) 2-Methylnaphthalene	11.79	142	2336	0.369	ng	99
16) Acenaphthylene	13.71	152	4042	0.392	ng	100
17) Acenaphthene	14.06	154	2588	0.376	ng	96
18) Fluorene	15.06	166	3289	0.378	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1201	0.376	ng	# 82
21) Hexachlorobenzene	16.07	284	1326	0.375	ng	# 82
22) Pentachlorophenol	16.48	266	99	0.102	ng	96
23) Phenanthrene	16.80	178	6125	0.366	ng	99
24) Anthracene	16.89	178	5532	0.389	ng	96
26) Fluoranthene	18.83	202	7867	0.375	ng	98
28) Pyrene	19.20	202	8375	0.399	ng	99
30) Benzo(a)anthracene	20.95	228	8225	0.369	ng	98
31) Chrysene	21.00	228	9158	0.381	ng	98
32) Bis(2-ethylhexyl)phthalate	20.91	149	18629	0.621	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10530	0.309	ng	# 92
35) Benzo(b)fluoranthene	22.53	252	8214	0.324	ng	# 92
36) Benzo(k)fluoranthene	22.58	252	9266	0.330	ng	# 90
37) Benzo(a)pyrene	23.11	252	8330	0.364	ng	# 90
38) Dibenzo(a,h)anthracene	25.52	278	8635	0.287	ng	94
39) Benzo(g,h,i)perylene	26.21	276	8976	0.289	ng	# 89

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

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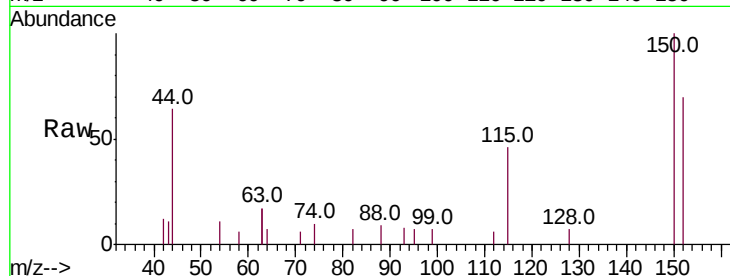


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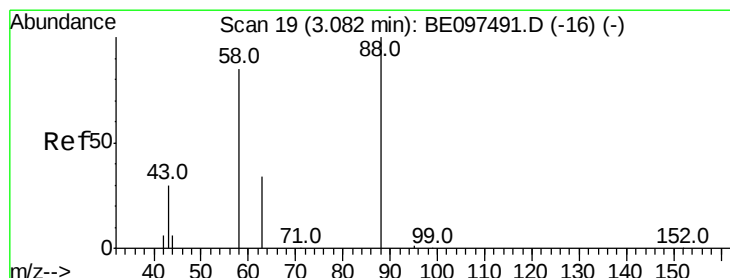
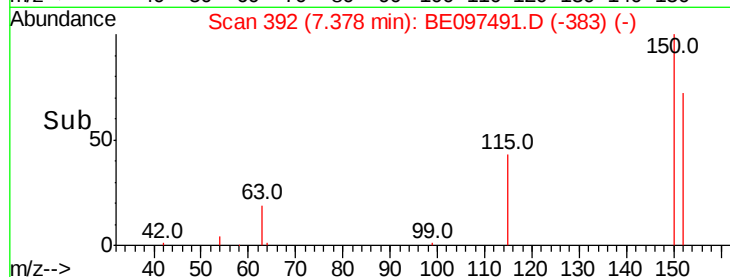
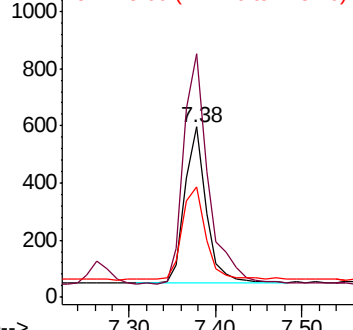
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 948
Ion Ratio Lower Upper
152 100
150 143.0 117.2 175.8
115 65.1 57.0 85.6



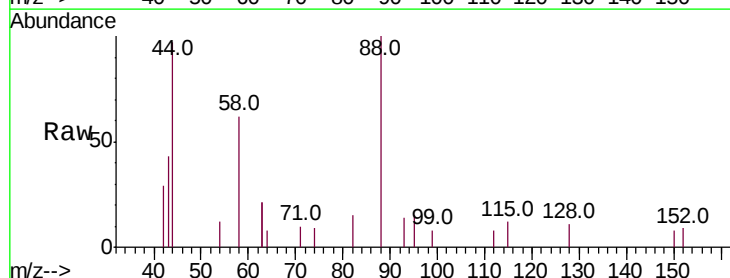
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



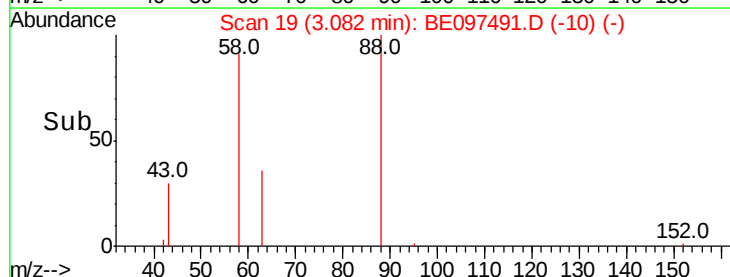
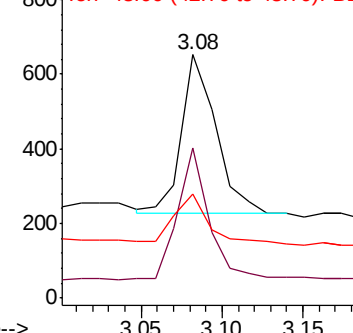
#2

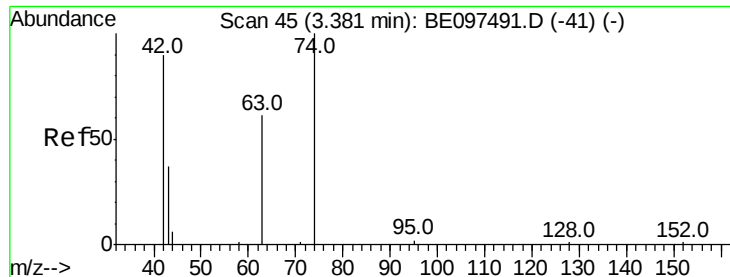
1,4-Dioxane
Concen: 0.370 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion: 88 Resp: 623
Ion Ratio Lower Upper
88 100
58 74.8 63.2 94.8
43 31.6 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



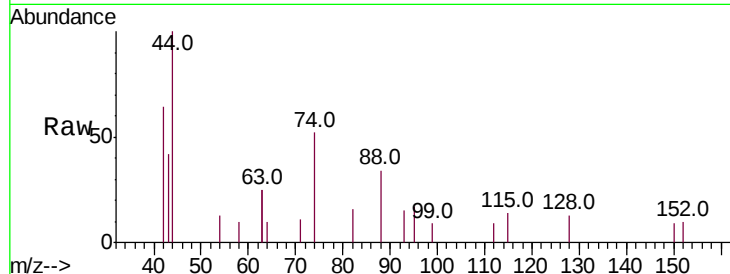


#3

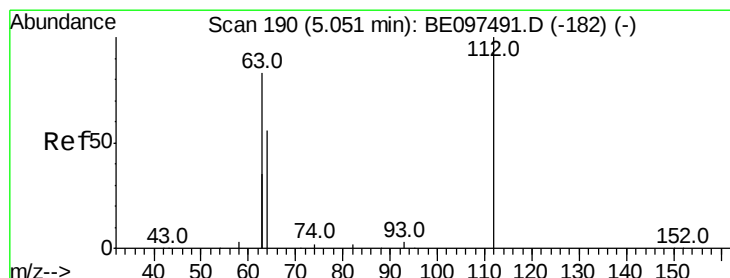
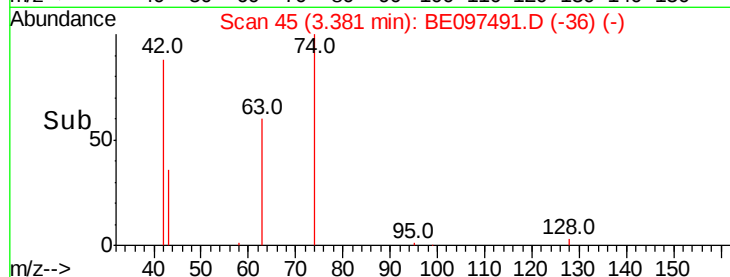
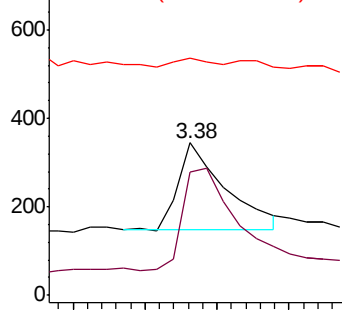
n-Nitrosodimethylamine
 Concen: 0.284 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE097491.D
 Acq: 17 Sep 2018 11:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 447
 Ion Ratio Lower Upper
 42 100
 74 133.1 96.0 144.0
 44 8.3 12.0 18.0#



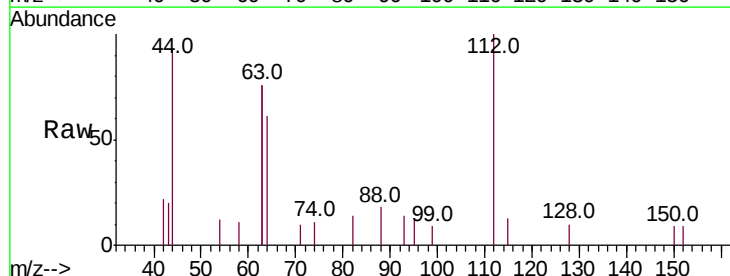
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



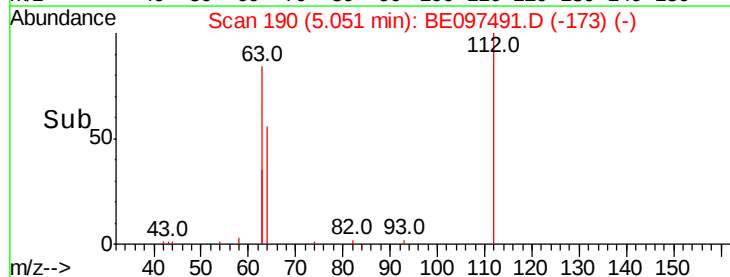
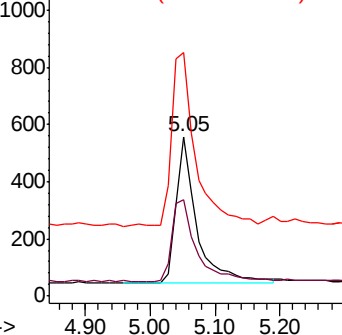
#4

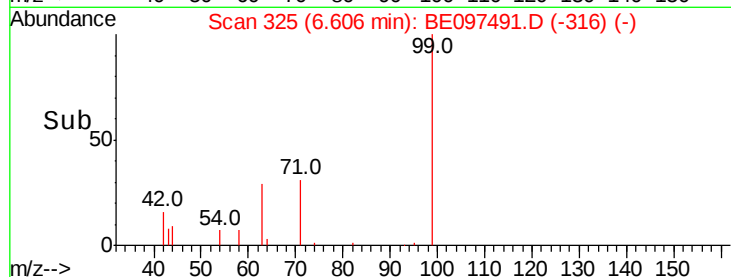
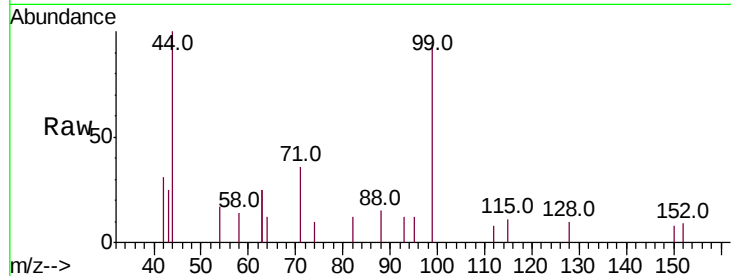
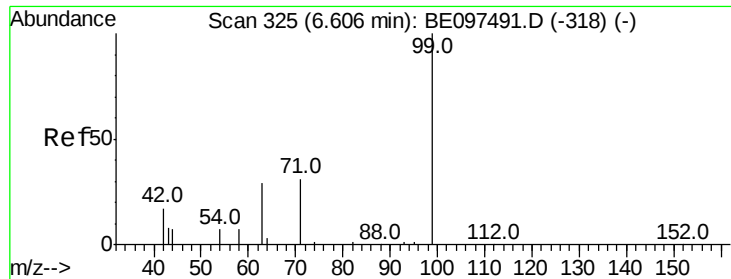
2-Fluorophenol
 Concen: 0.405 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097491.D
 Acq: 17 Sep 2018 11:20

Tgt Ion: 112 Resp: 1136
 Ion Ratio Lower Upper
 112 100
 64 65.7 60.1 90.1
 63 133.4 116.8 175.2



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: 0.348 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

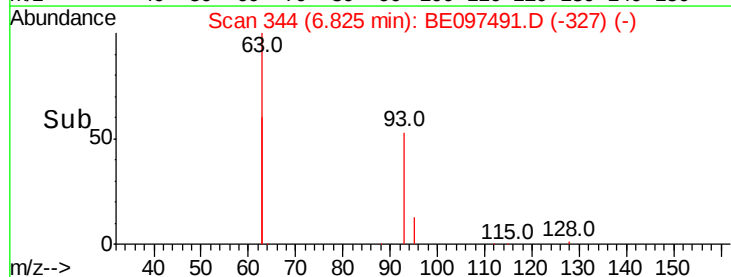
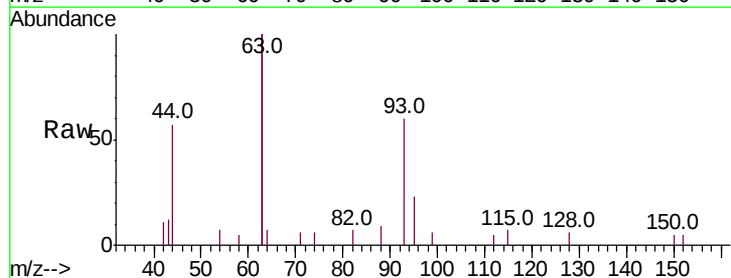
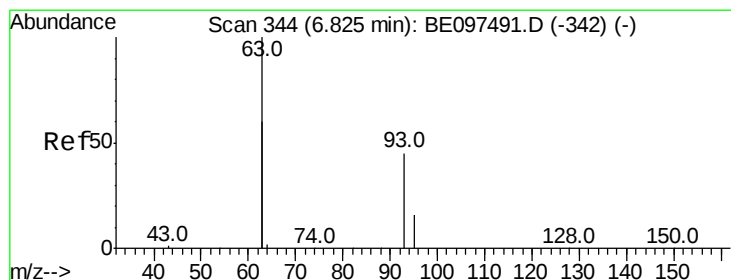
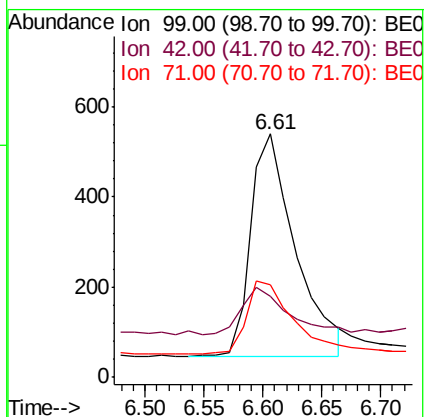
Tot Ion: 99 Resp: 1303

Ion Ratio Lower Upper

99 100

42 21.9 20.2 30.2

71 34.5 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

RT: 6.82 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

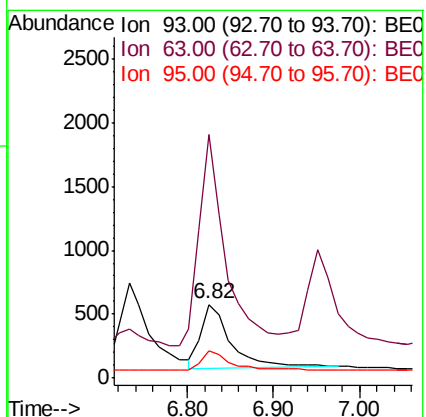
Tgt Ion: 93 Resp: 1206

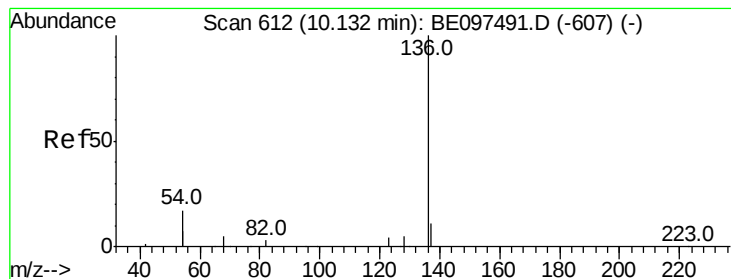
Ion Ratio Lower Upper

93 100

63 291.0 275.3 412.9

95 31.2 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 4408

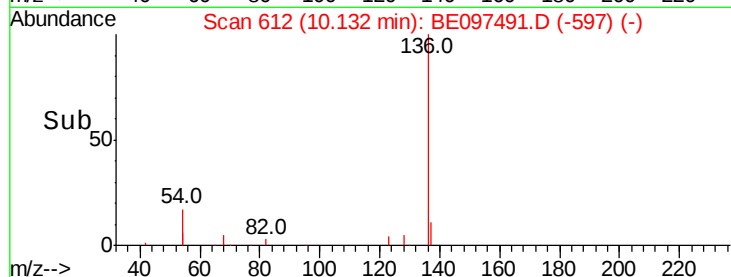
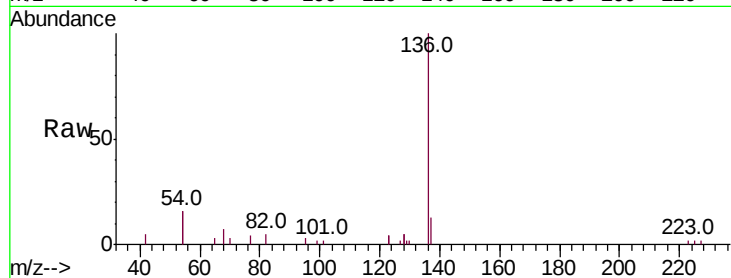
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 32.8 29.1 43.7

68 7.1 6.2 9.2

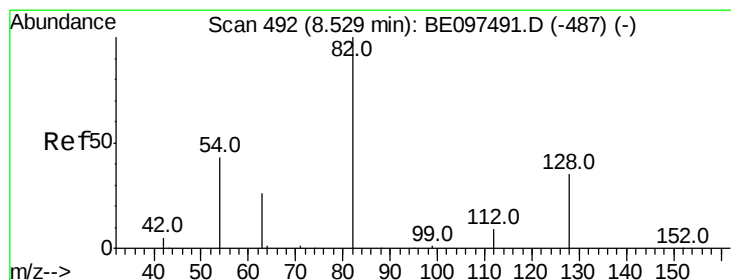
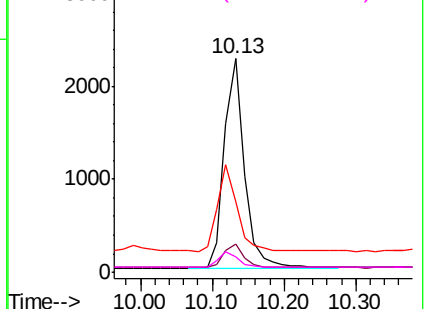


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

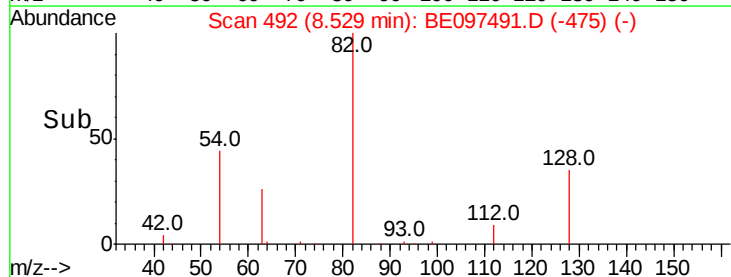
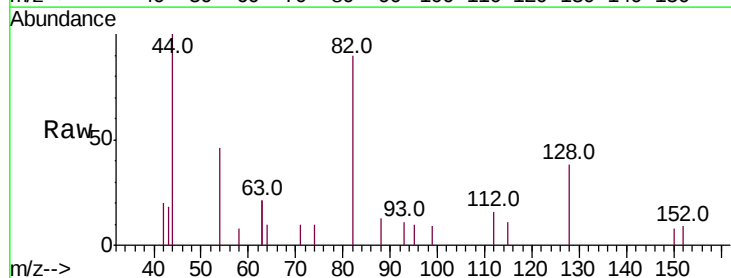
Tgt Ion: 82 Resp: 1182

Ion Ratio Lower Upper

82 100

128 42.4 24.0 36.0#

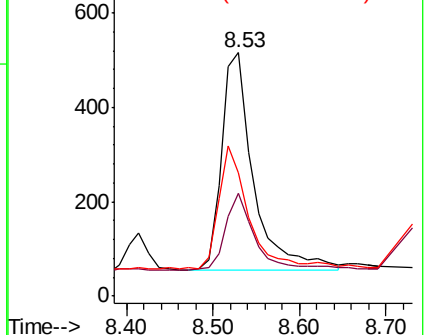
54 50.8 40.0 60.0

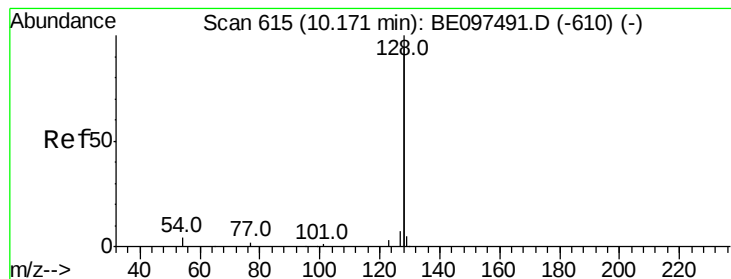


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.372 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

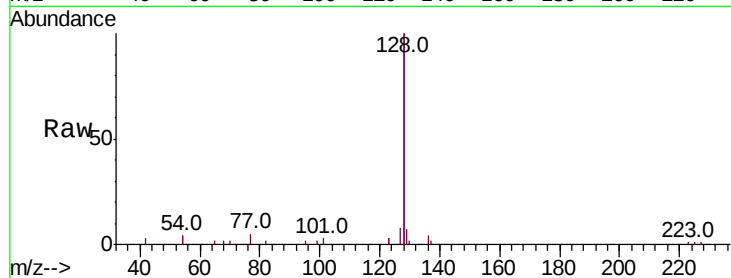
Tot Ion:128 Resp: 14947

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

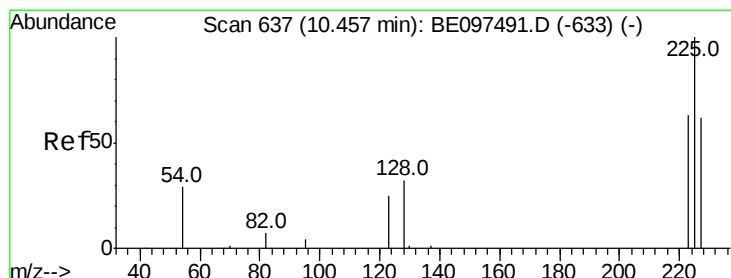
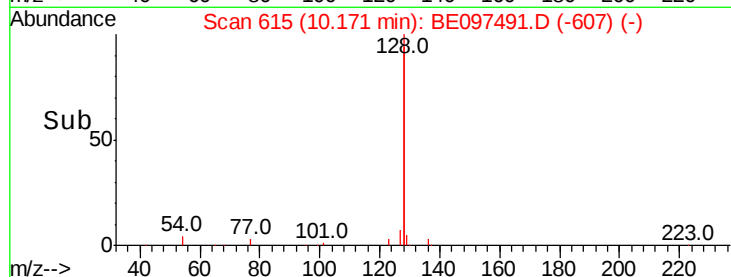
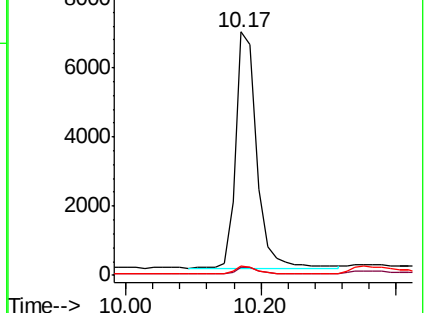
127 4.0 2.8 4.2



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: 0.395 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

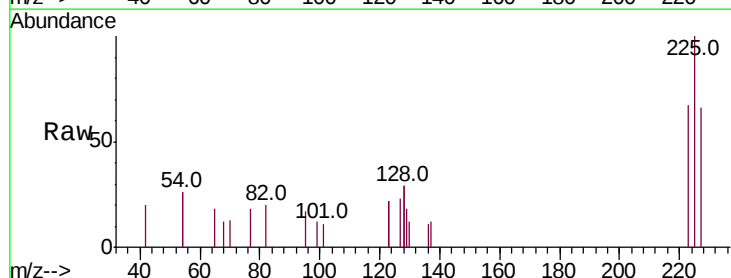
Tgt Ion:225 Resp: 709

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

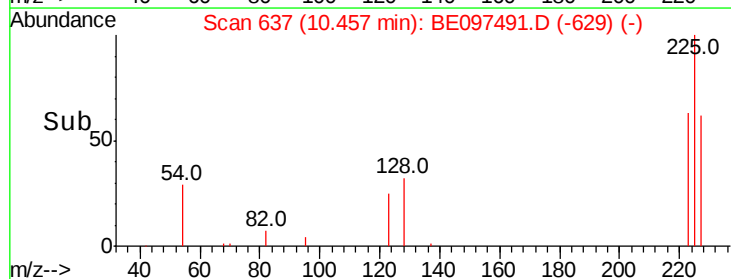
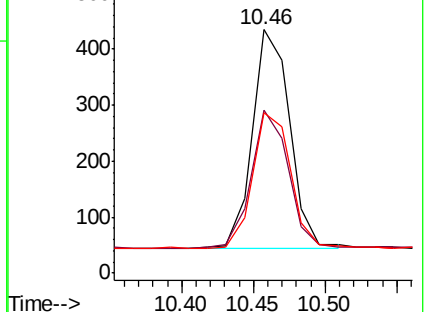
227 63.3 51.4 77.2

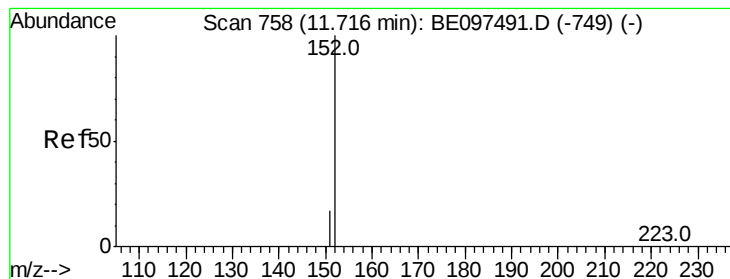


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 11.72 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

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ClientSampleId :

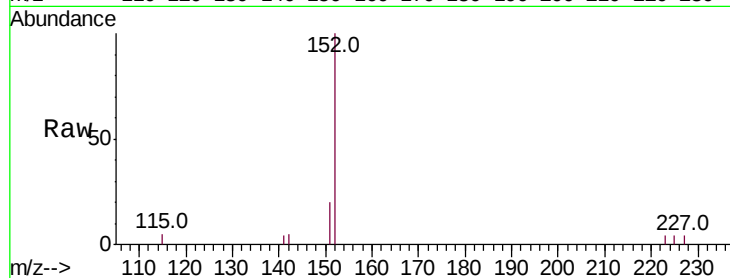
SSTDICCC0.4

Tot Ion:152 Resp: 2330

Ion Ratio Lower Upper

152 100

151 18.6 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

1200

1000

800

600

400

200

0

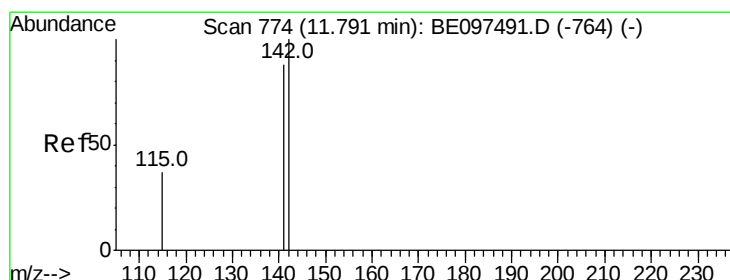
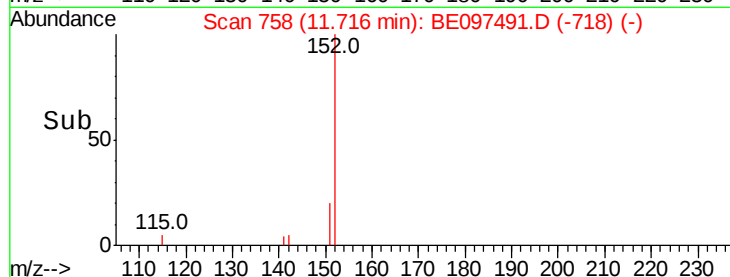
Time-->

11.60

11.70

11.80

11.90



#12

2-Methylnaphthalene

Concen: 0.369 ng

RT: 11.79 min Scan# 774

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

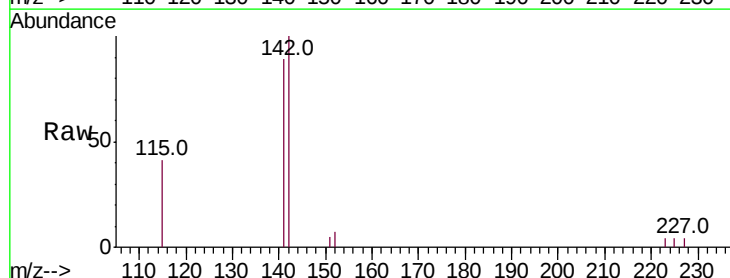
Tgt Ion:142 Resp: 2336

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

115 40.8 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

1500

1000

500

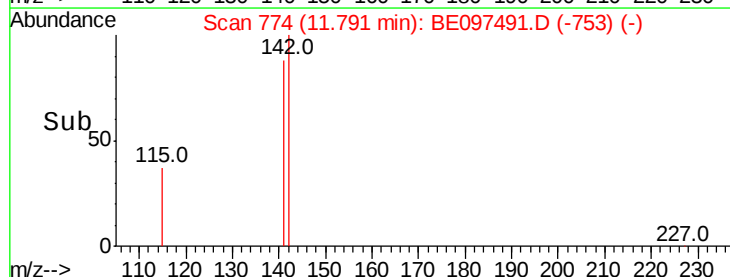
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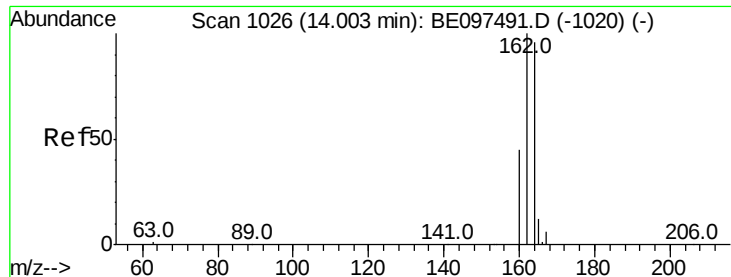
Time-->

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: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

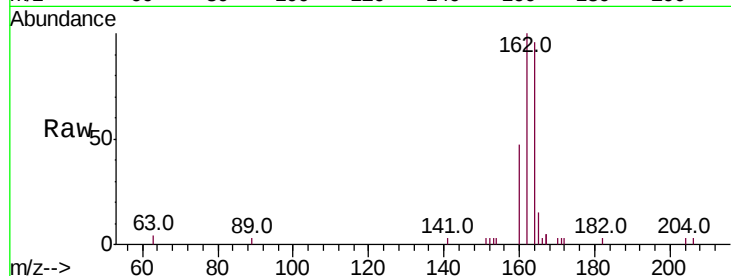
Tot Ion:164 Resp: 2593

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

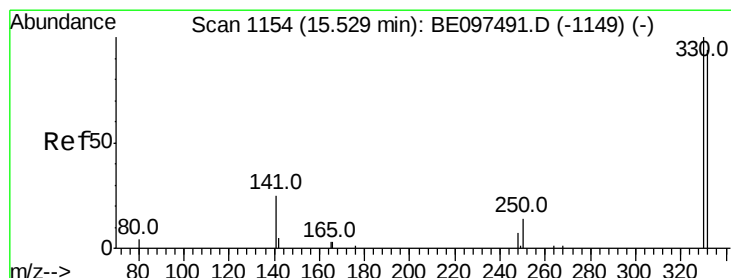
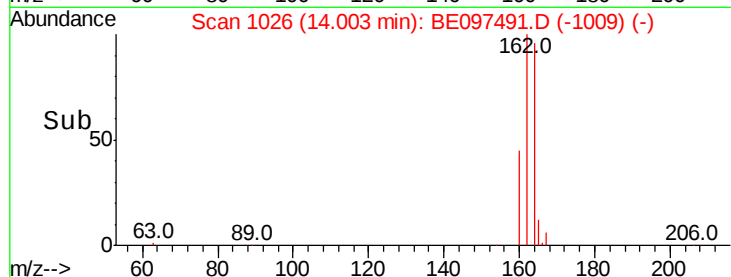
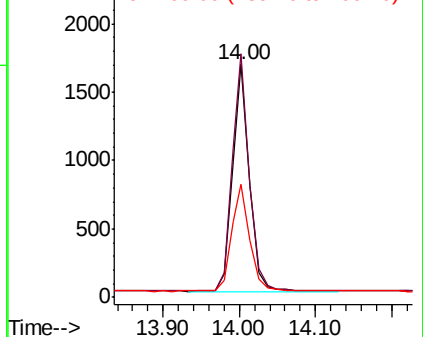
160 48.7 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.504 ng

RT: 15.53 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

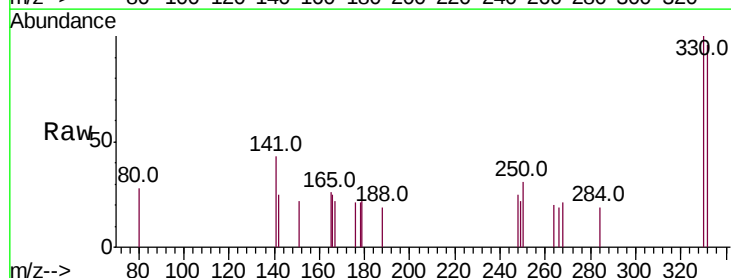
Tgt Ion:330 Resp: 442

Ion Ratio Lower Upper

330 100

332 93.9 152.7 229.1#

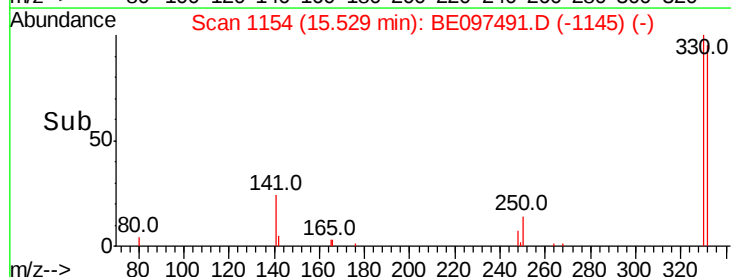
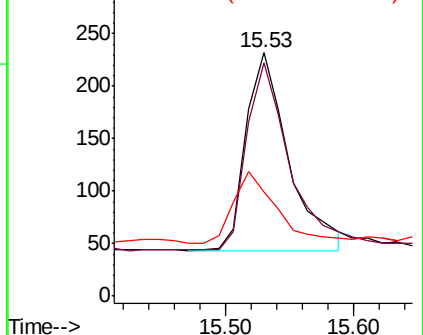
141 36.7 33.7 50.5

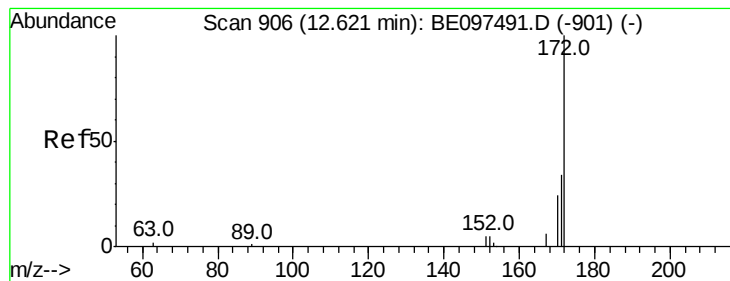


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

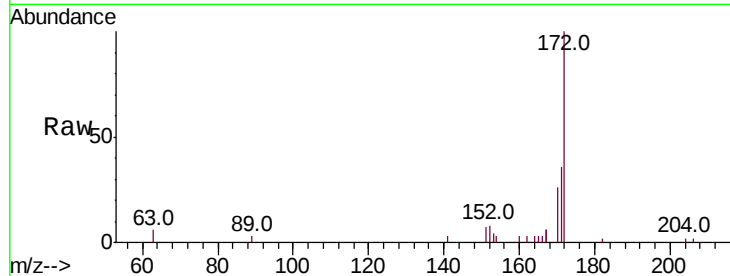




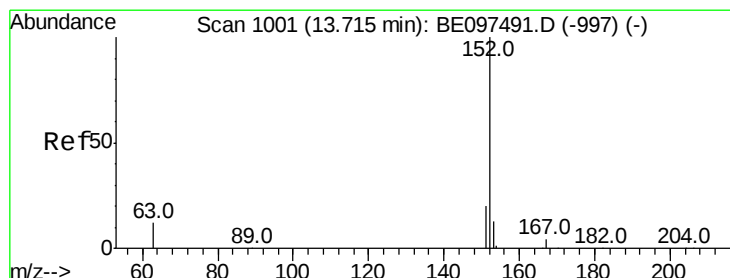
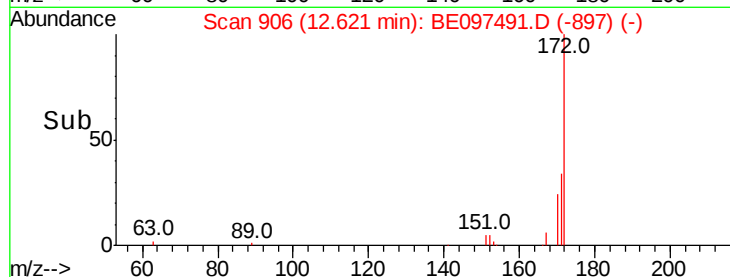
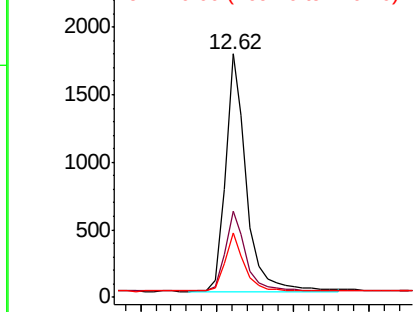
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:172 Resp: 3368
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 26.4 21.8 32.8

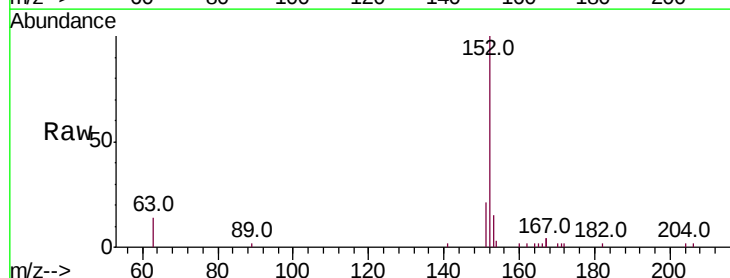


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

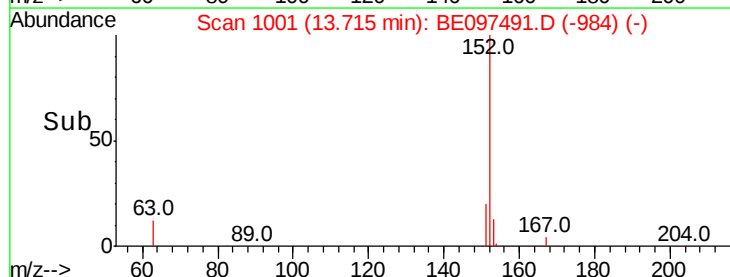
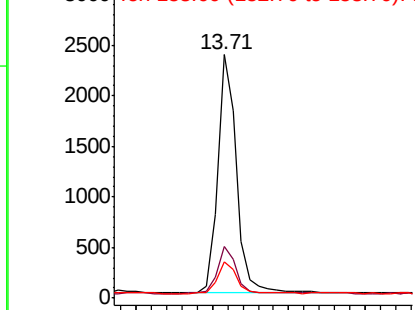


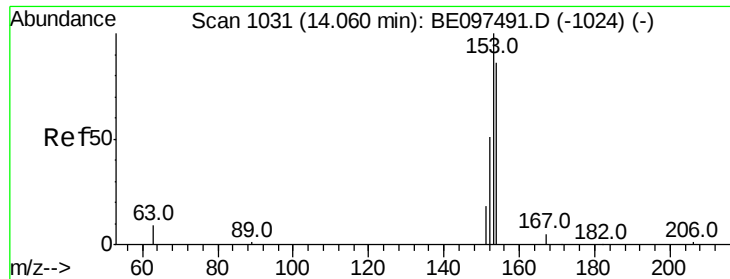
#16
Acenaphthylene
Concen: 0.392 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:152 Resp: 4042
Ion Ratio Lower Upper
152 100
151 19.6 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

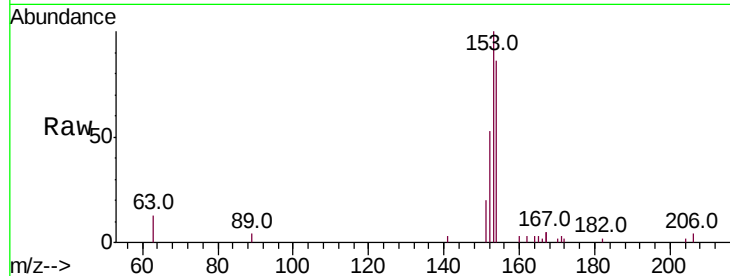




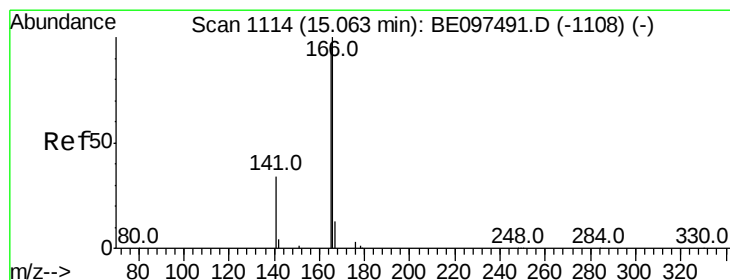
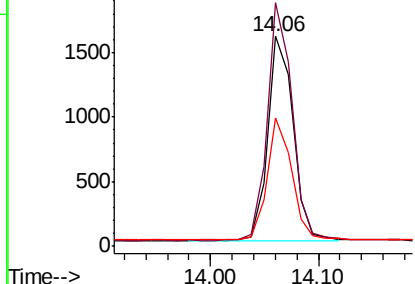
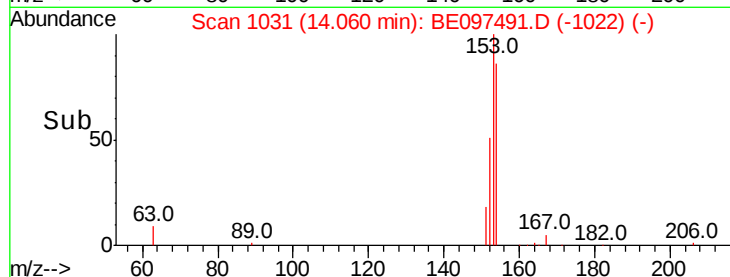
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:154 Resp: 2588
Ion Ratio Lower Upper
154 100
153 113.3 89.2 133.8
152 57.9 42.0 63.0

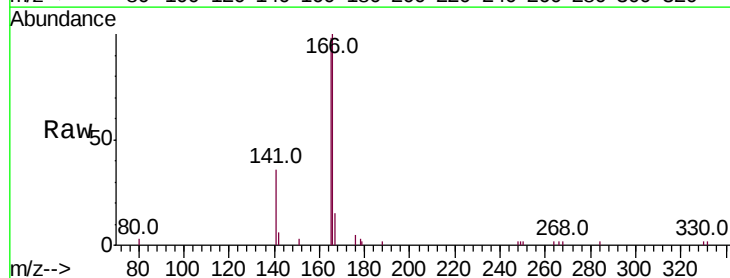


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

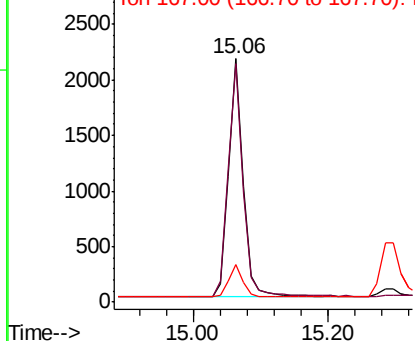
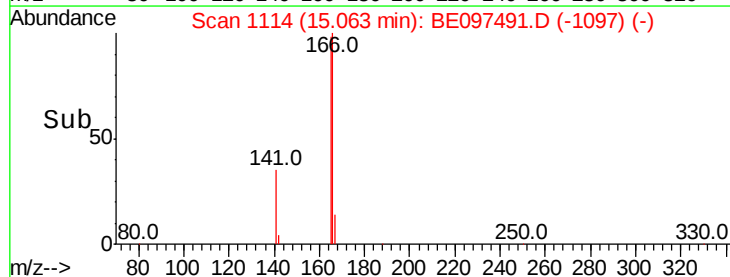


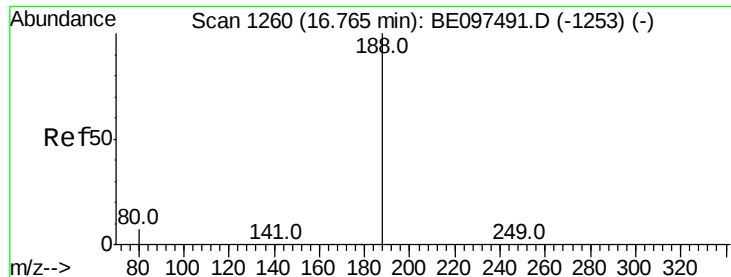
#18
Fluorene
Concen: 0.378 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:166 Resp: 3289
Ion Ratio Lower Upper
166 100
165 98.7 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: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

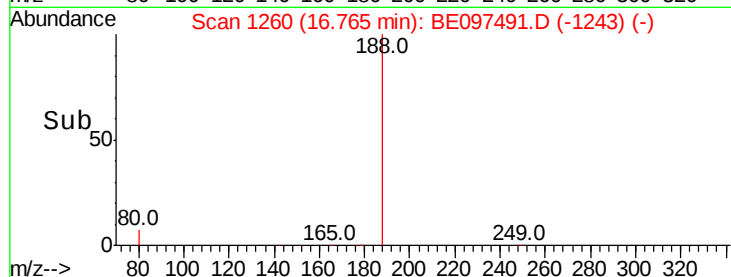
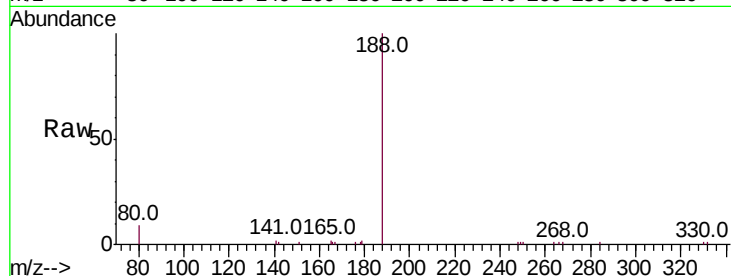
Tot Ion:188 Resp: 7024

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

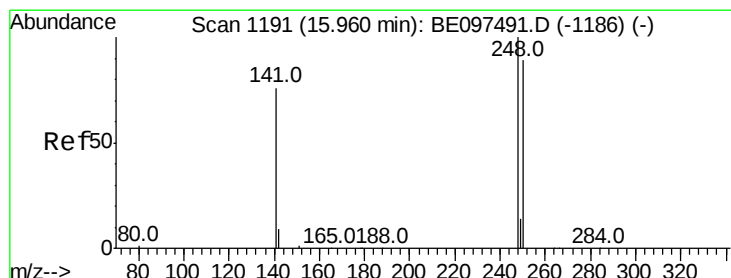
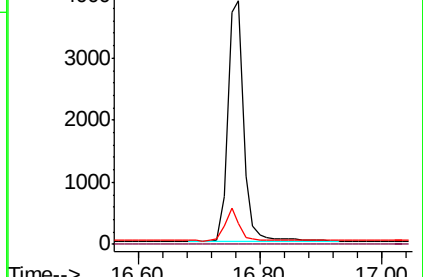
80 8.6 3.6 5.4#



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: 0.376 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

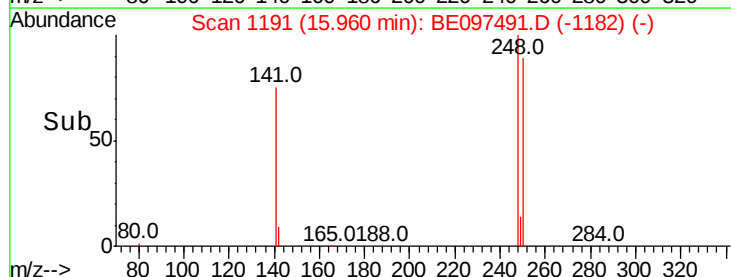
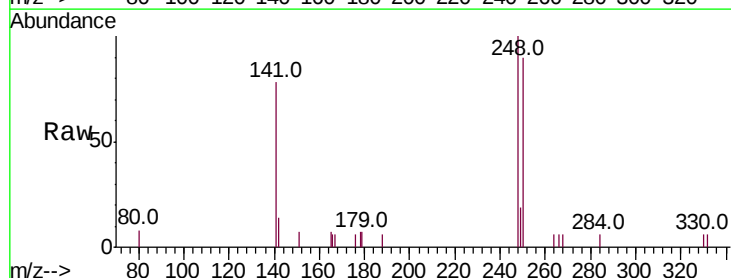
Tgt Ion:248 Resp: 1201

Ion Ratio Lower Upper

248 100

250 90.3 62.7 94.1

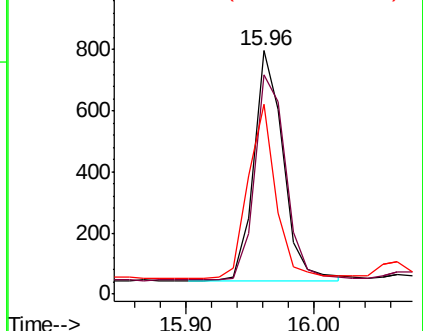
141 78.2 48.2 72.2#

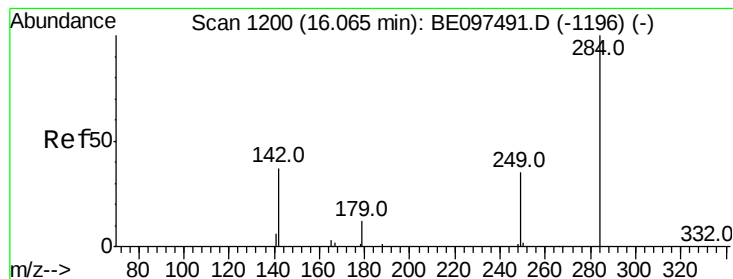


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

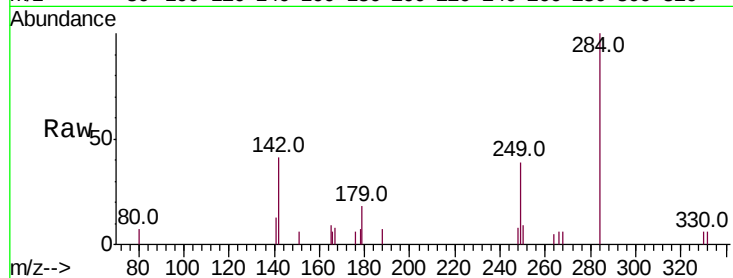
Tot Ion:284 Resp: 1326

Ion Ratio Lower Upper

284 100

142 33.0 22.1 33.1

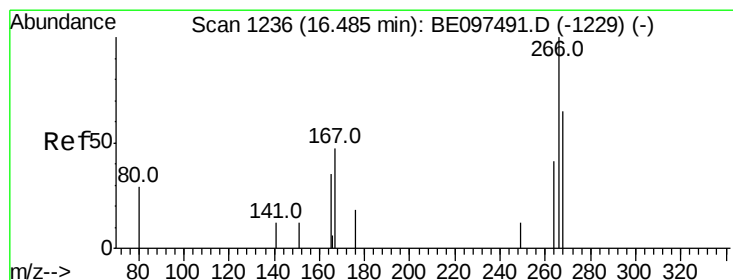
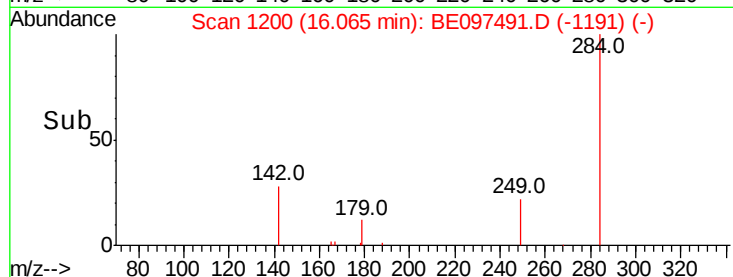
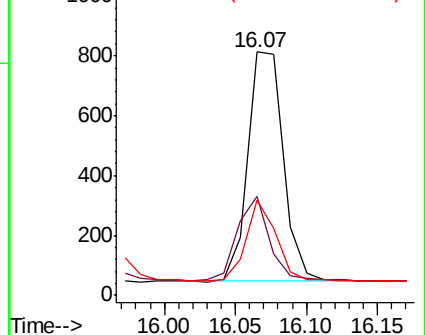
249 29.3 34.8 52.2#



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: 0.102 ng

RT: 16.48 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

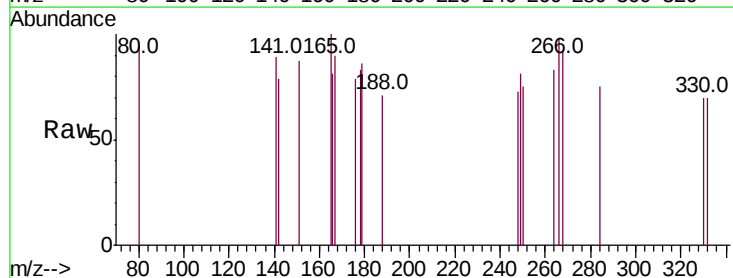
Tgt Ion:266 Resp: 99

Ion Ratio Lower Upper

266 100

264 83.9 72.5 108.7

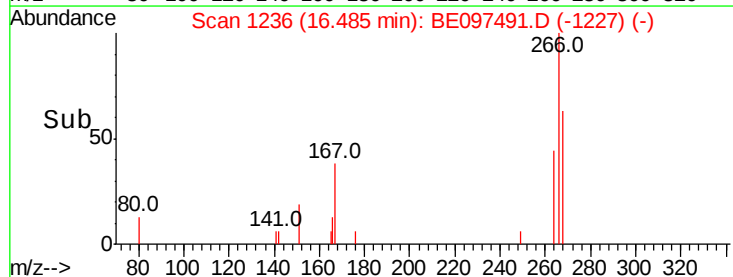
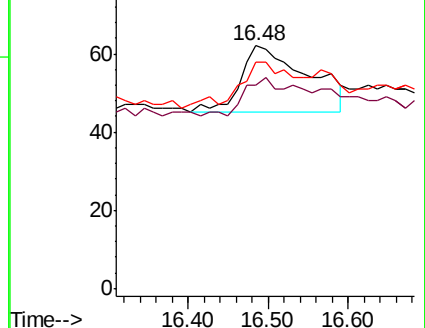
268 93.5 73.8 110.6

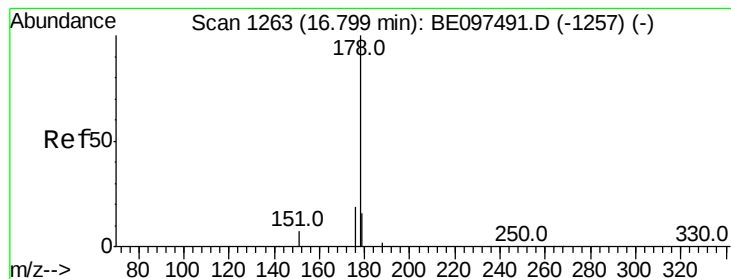


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.366 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

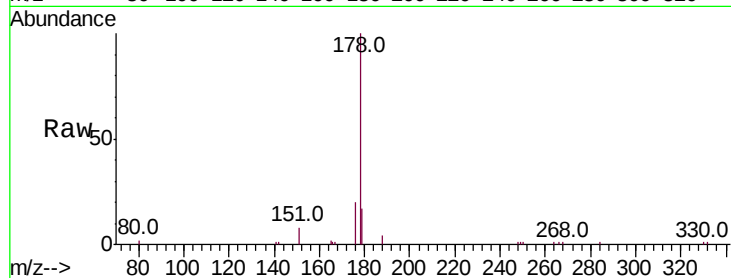
Tot Ion:178 Resp: 6125

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

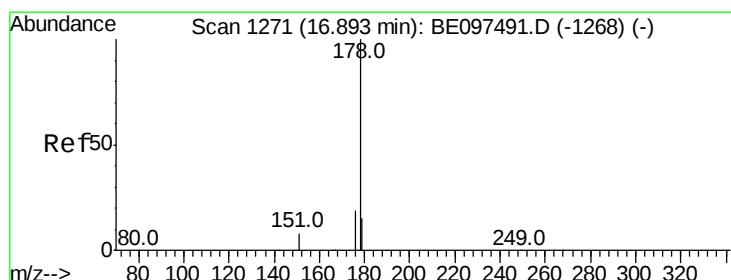
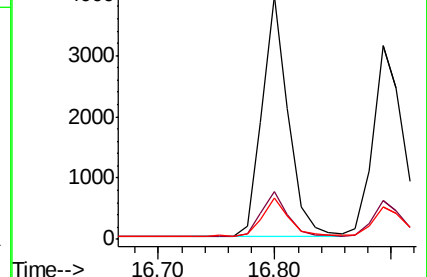
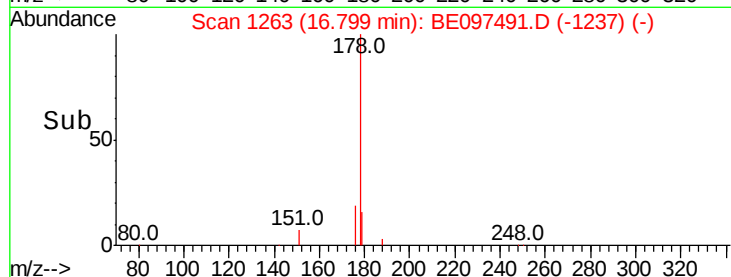
179 15.8 11.8 17.6



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: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

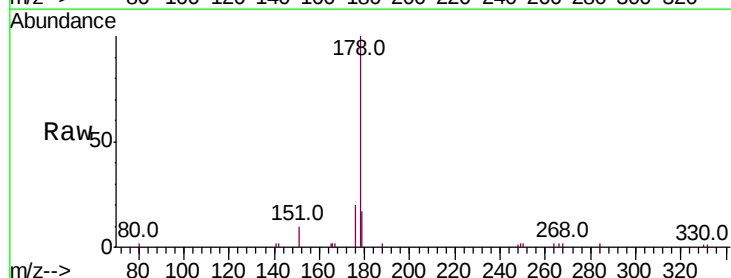
Tgt Ion:178 Resp: 5532

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

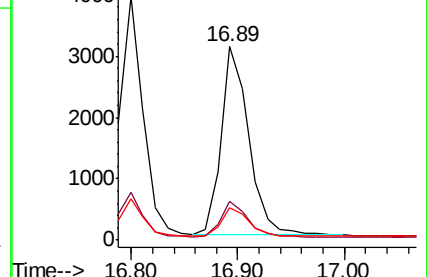
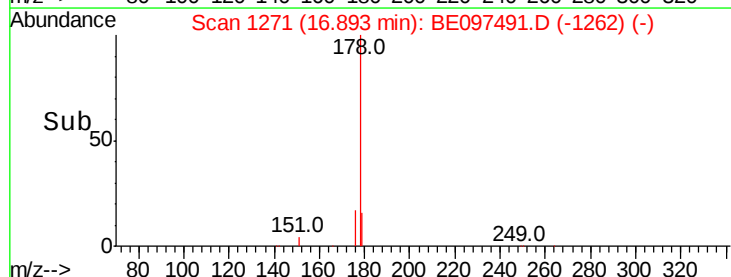
179 15.1 13.0 19.6

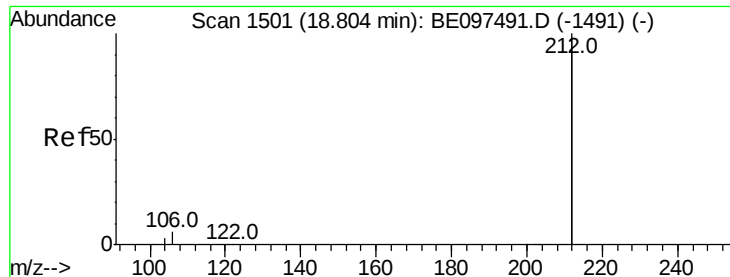


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

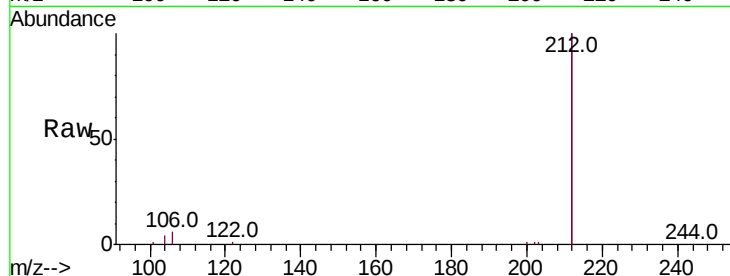
Tot Ion:212 Resp: 30660

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

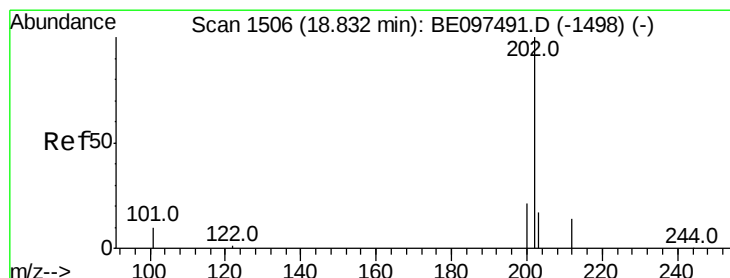
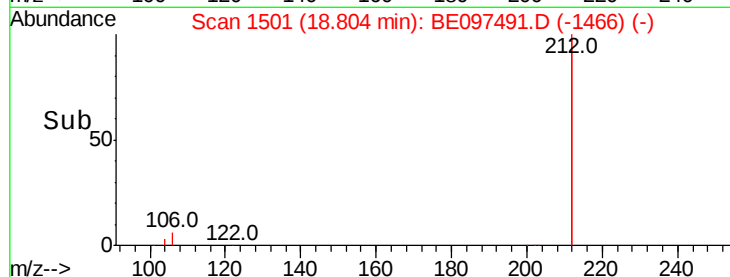
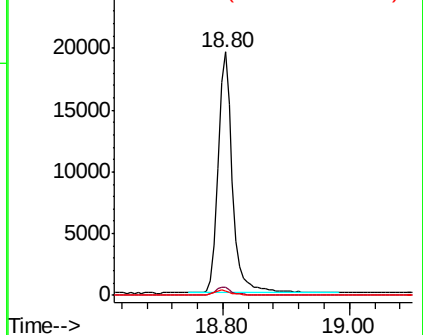
104 1.7 1.6 2.4



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: 0.375 ng

RT: 18.83 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

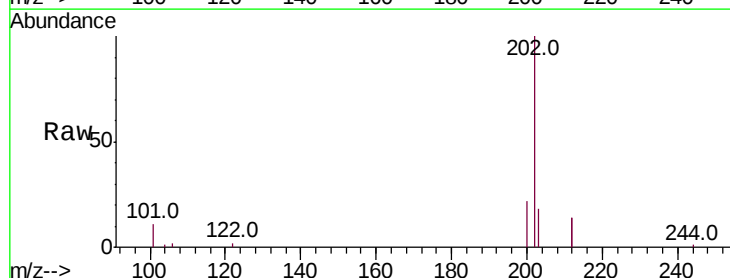
Tgt Ion:202 Resp: 7867

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

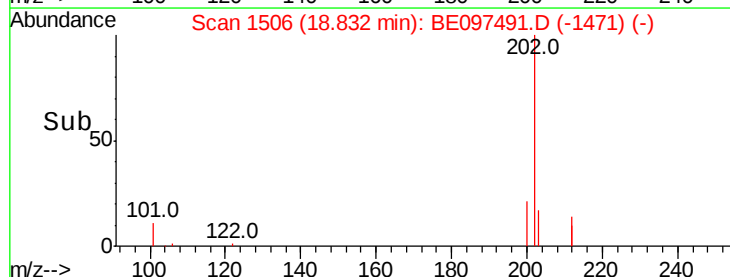
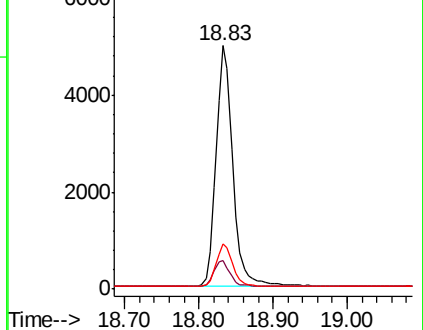
203 17.2 13.7 20.5

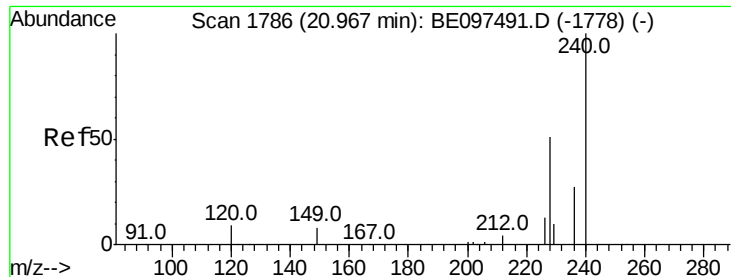


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

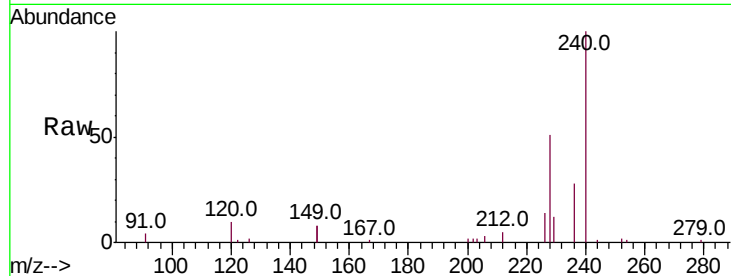




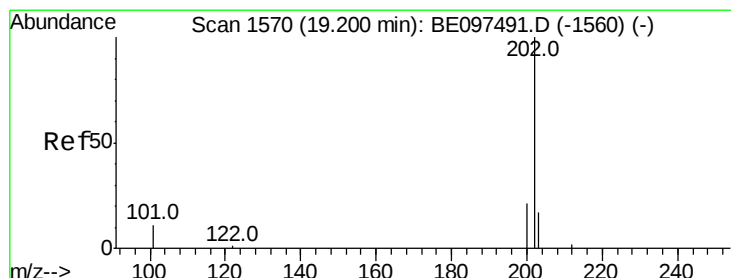
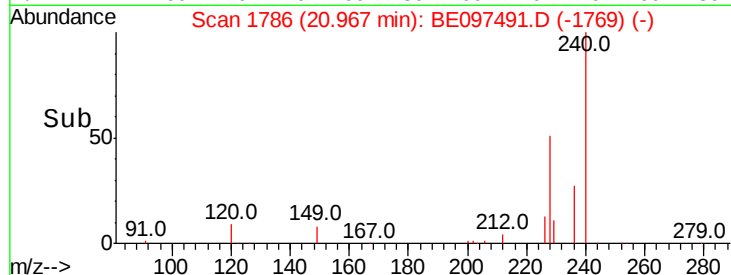
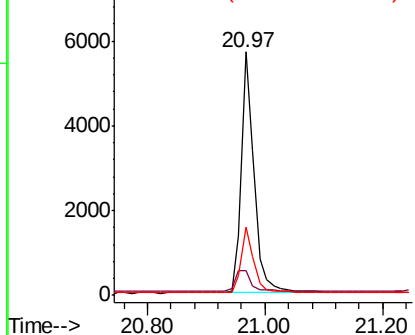
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 8819
Ion Ratio Lower Upper
240 100
120 10.1 5.5 8.3#
236 28.0 20.7 31.1

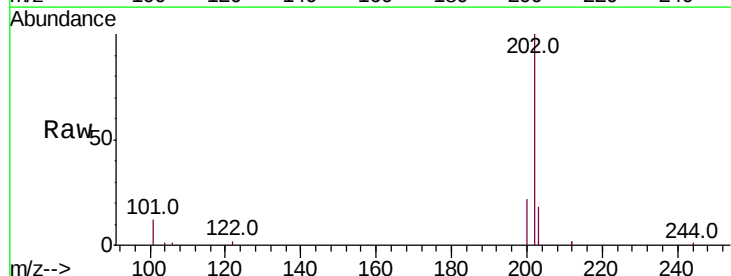


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

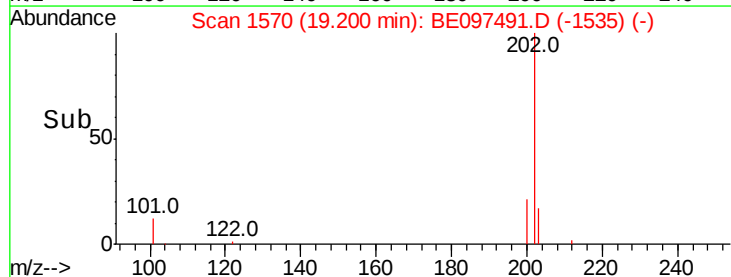
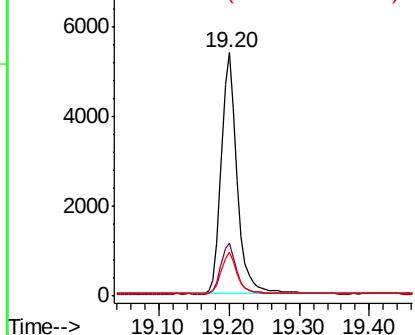


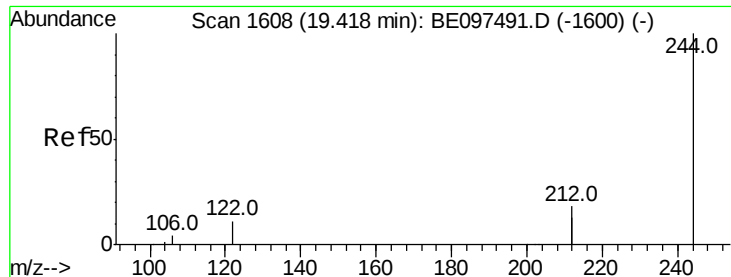
#28
Pyrene
Concen: 0.399 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:202 Resp: 8375
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.4 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: 0.370 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

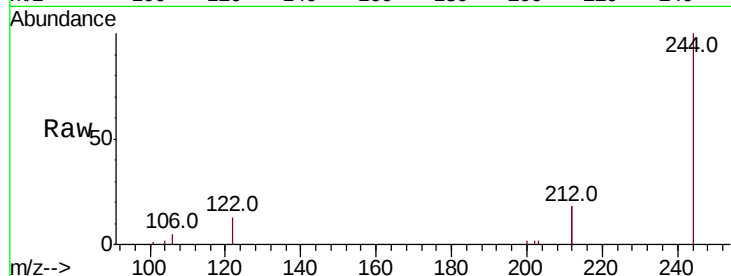
Tot Ion:244 Resp: 6021

Ion Ratio Lower Upper

244 100

212 35.4 25.4 38.0

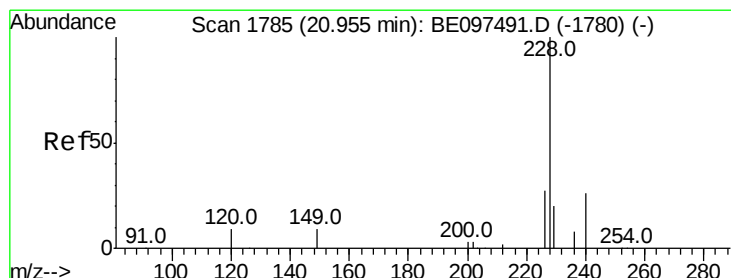
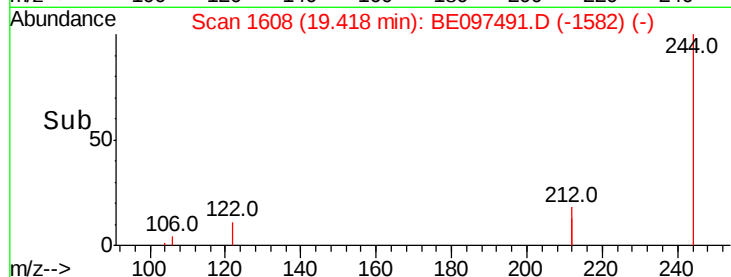
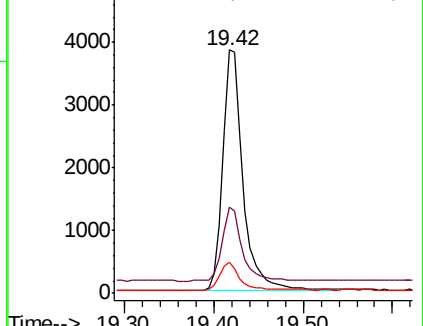
122 12.6 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

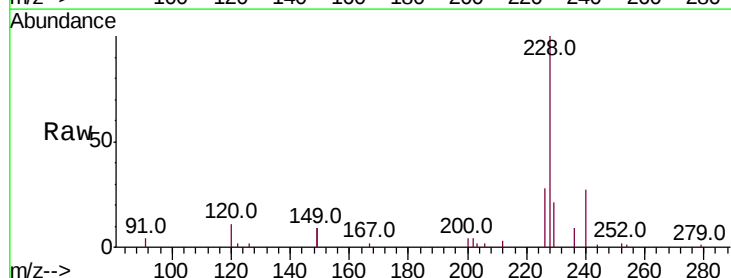
Tgt Ion:228 Resp: 8225

Ion Ratio Lower Upper

228 100

226 28.2 24.0 36.0

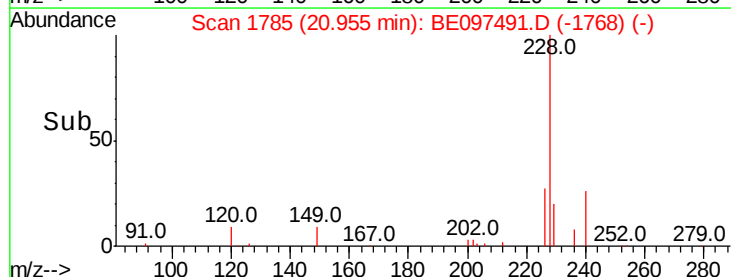
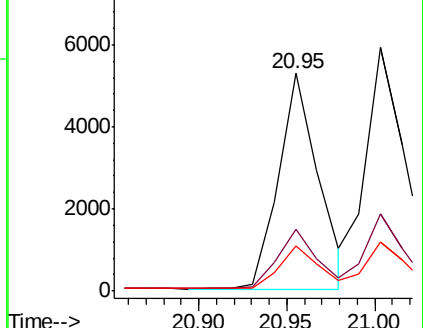
229 20.6 16.0 24.0

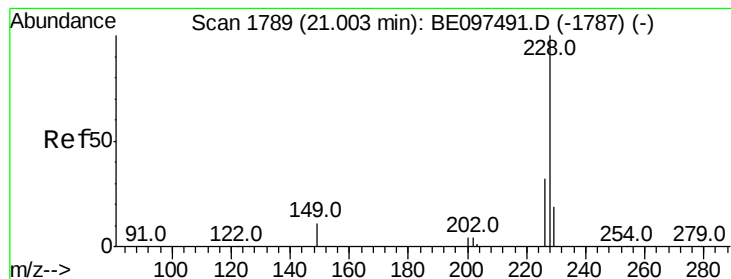


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

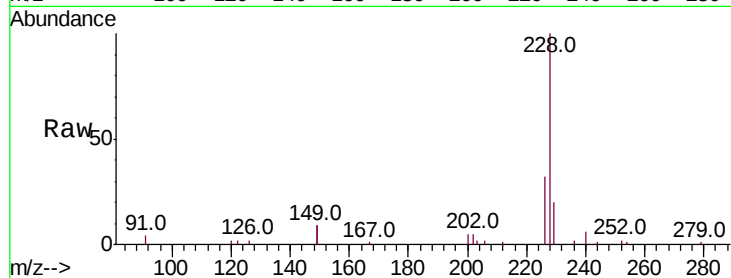
Tot Ion:228 Resp: 9158

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

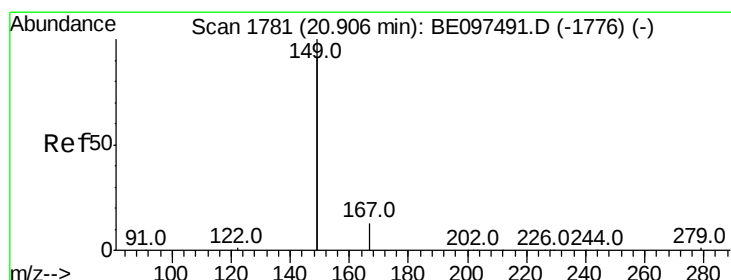
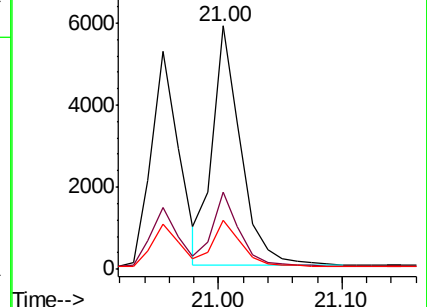
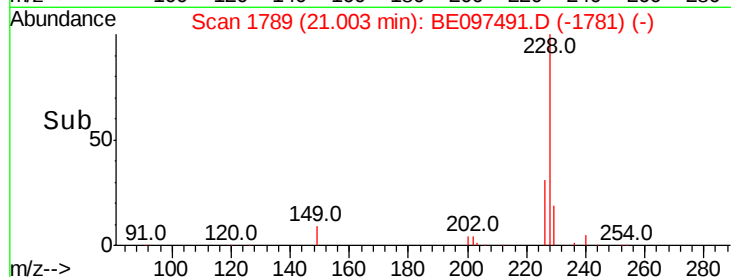
229 20.2 16.0 24.0



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: 0.621 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

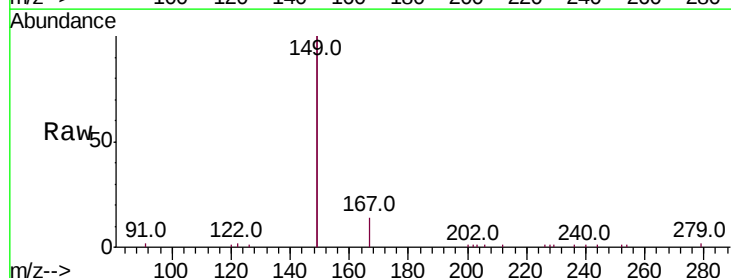
Tgt Ion:149 Resp: 18629

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

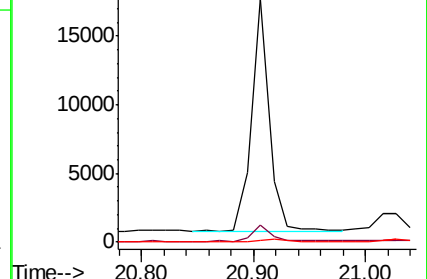
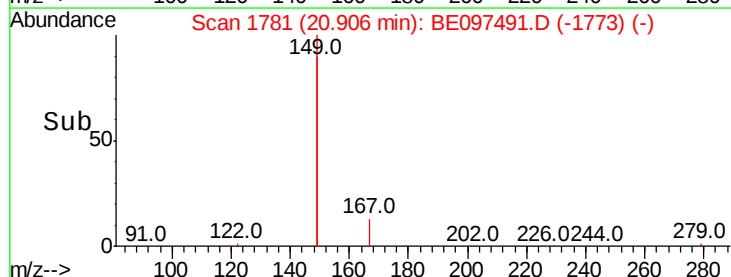
279 1.1 0.7 1.1#

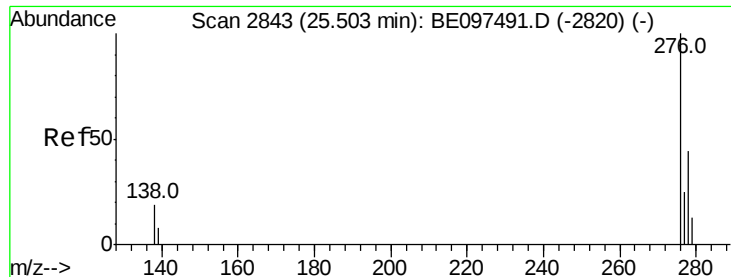


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.309 ng

RT: 25.50 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

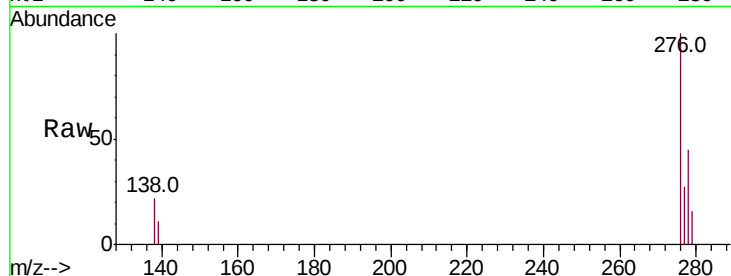
Tot Ion:276 Resp: 10530

Ion Ratio Lower Upper

276 100

138 20.6 22.5 33.7#

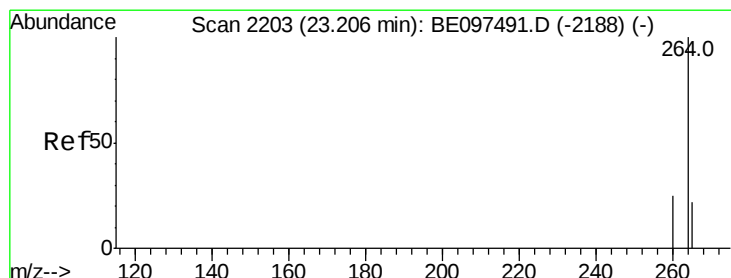
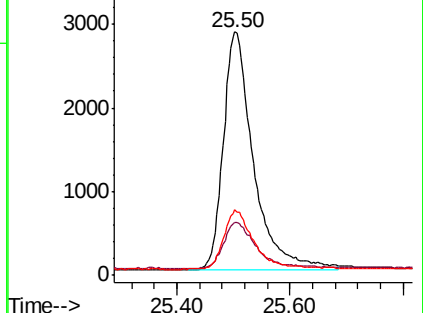
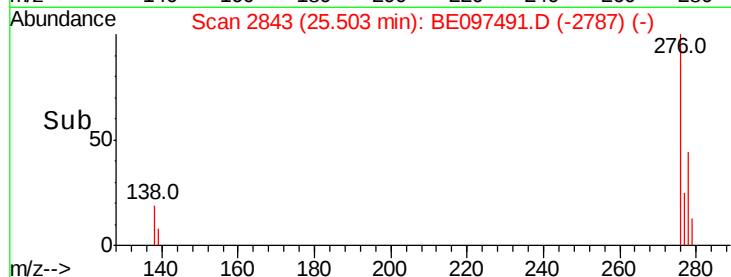
277 24.1 19.9 29.9



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: BE097491.D

Acq: 17 Sep 2018 11:20

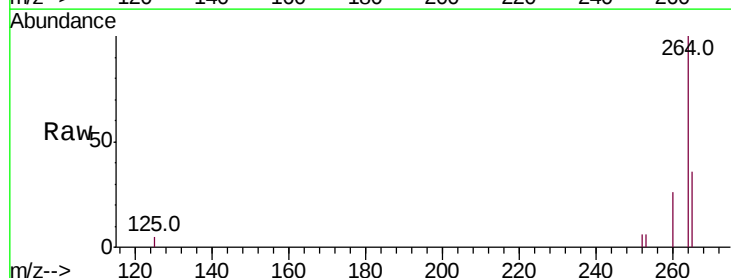
Tgt Ion:264 Resp: 8875

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

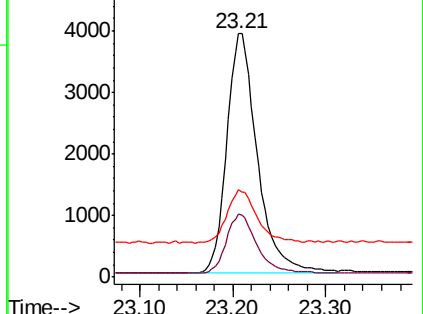
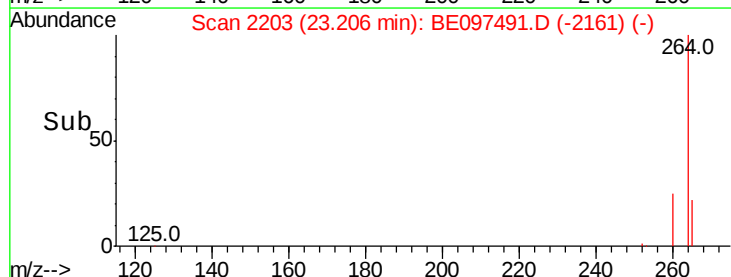
265 35.8 22.8 34.2#

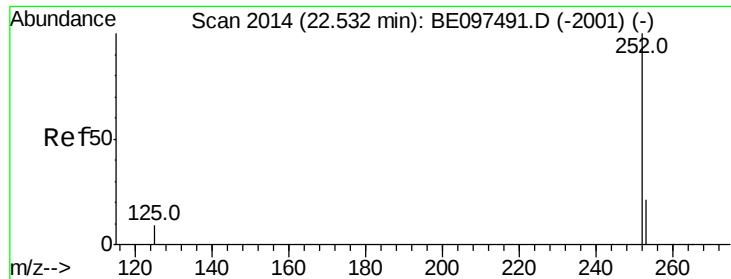


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.324 ng

RT: 22.53 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

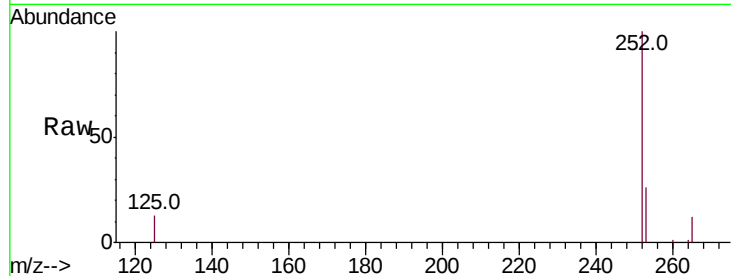
Tot Ion:252 Resp: 8214

Ion Ratio Lower Upper

252 100

253 25.5 20.0 30.0

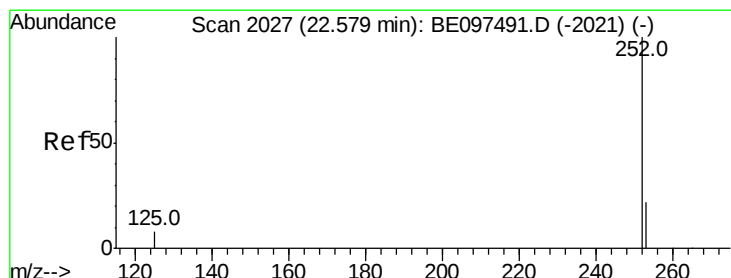
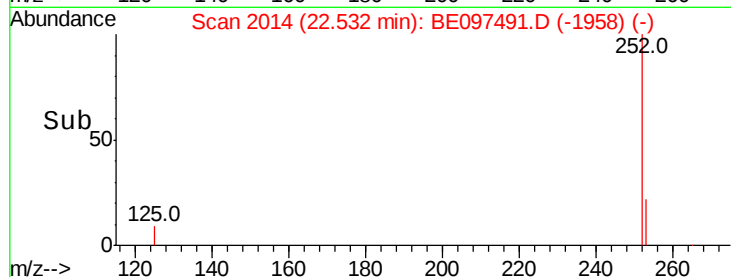
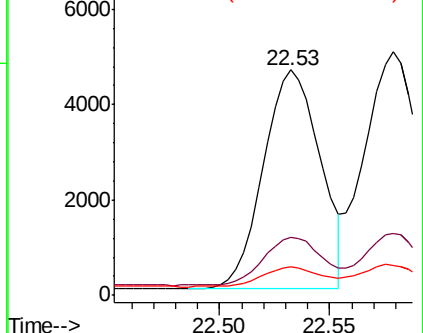
125 12.6 16.0 24.0#



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: 0.330 ng

RT: 22.58 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

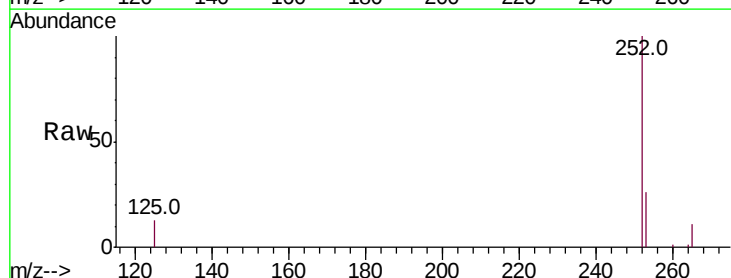
Tgt Ion:252 Resp: 9266

Ion Ratio Lower Upper

252 100

253 25.6 16.0 24.0#

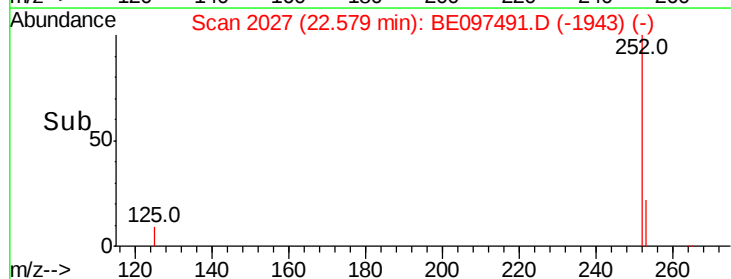
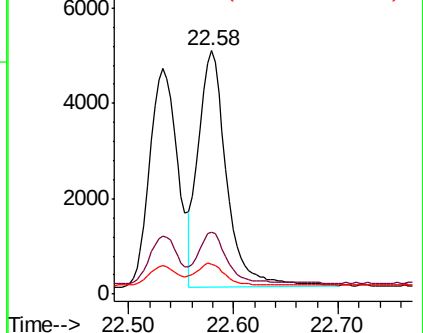
125 12.5 8.0 12.0#

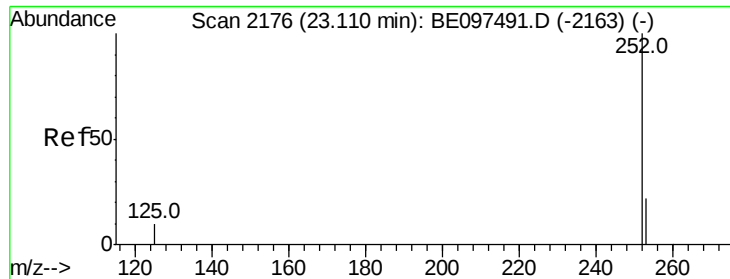


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

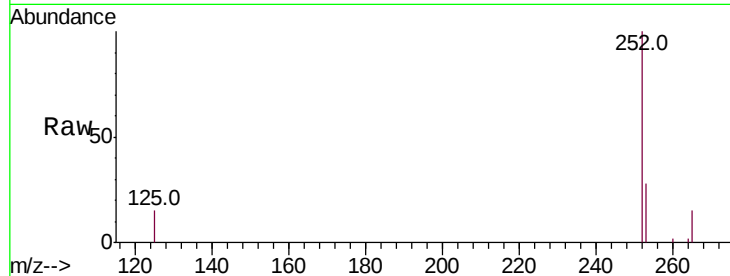
Tot Ion:252 Resp: 8330

Ion Ratio Lower Upper

252 100

253 27.8 16.0 24.0#

125 14.7 12.0 18.0

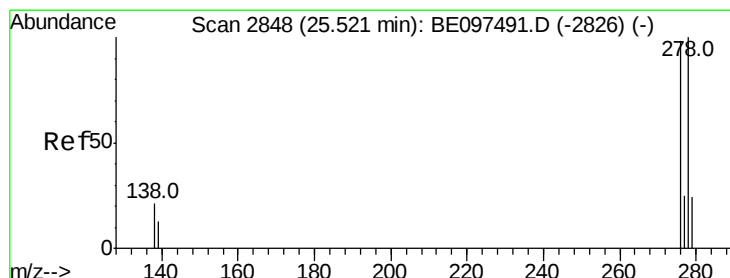
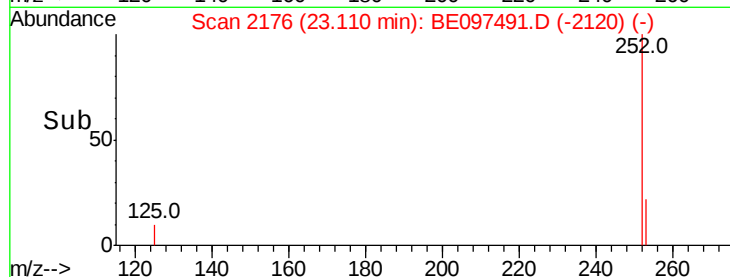
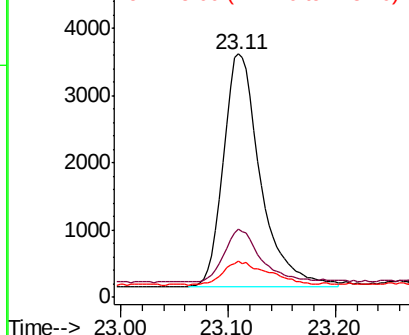


Abundance

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: 0.287 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

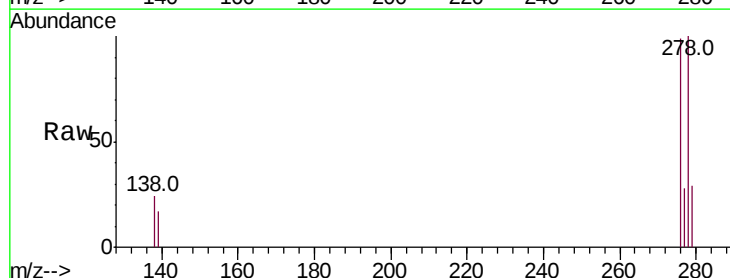
Tgt Ion:278 Resp: 8635

Ion Ratio Lower Upper

278 100

139 17.4 16.0 24.0

279 28.6 20.0 30.0

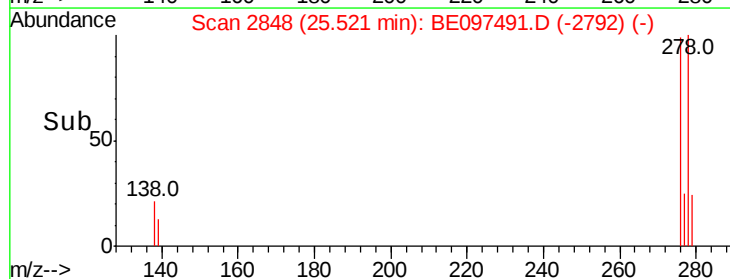
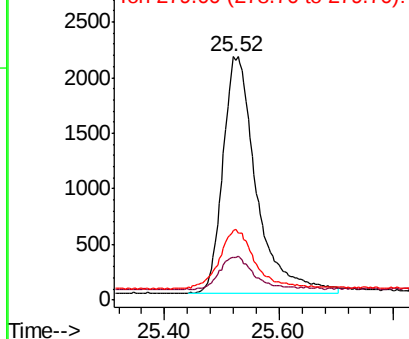


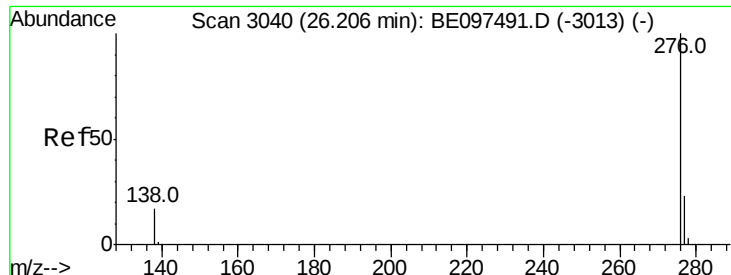
Abundance

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: 0.289 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097491.D

Acq: 17 Sep 2018 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

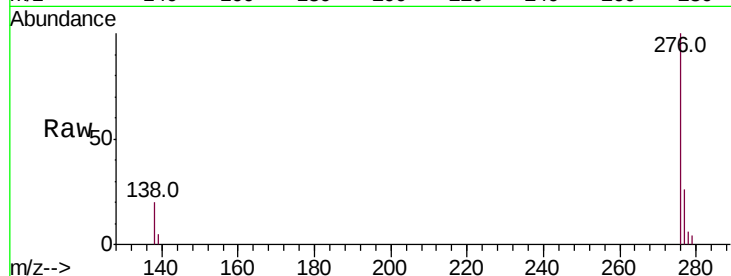
Tot Ion:276 Resp: 8976

Ion Ratio Lower Upper

276 100

277 25.7 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

