

Data File : BE097679.D
Acq On : 26 Sep 2018 4:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 07:39:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	846	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	4490	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	3058	0.40	ng	-0.01
19) Phenanthrene-d10	16.75	188	9054	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9778	0.40	ng	0.00
34) Perylene-d12	23.21	264	9773	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	995	0.45	ng	-0.01
5) Phenol-d6	6.61	99	1317	0.42	ng	-0.01
8) Nitrobenzene-d5	8.53	82	1246	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.72	152	2590	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	544	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	3980	0.40	ng	-0.01
25) Fluoranthene-d10	18.80	212	38134	0.39	ng	0.00
29) Terphenyl-d14	19.42	244	7521	0.39	ng	0.00

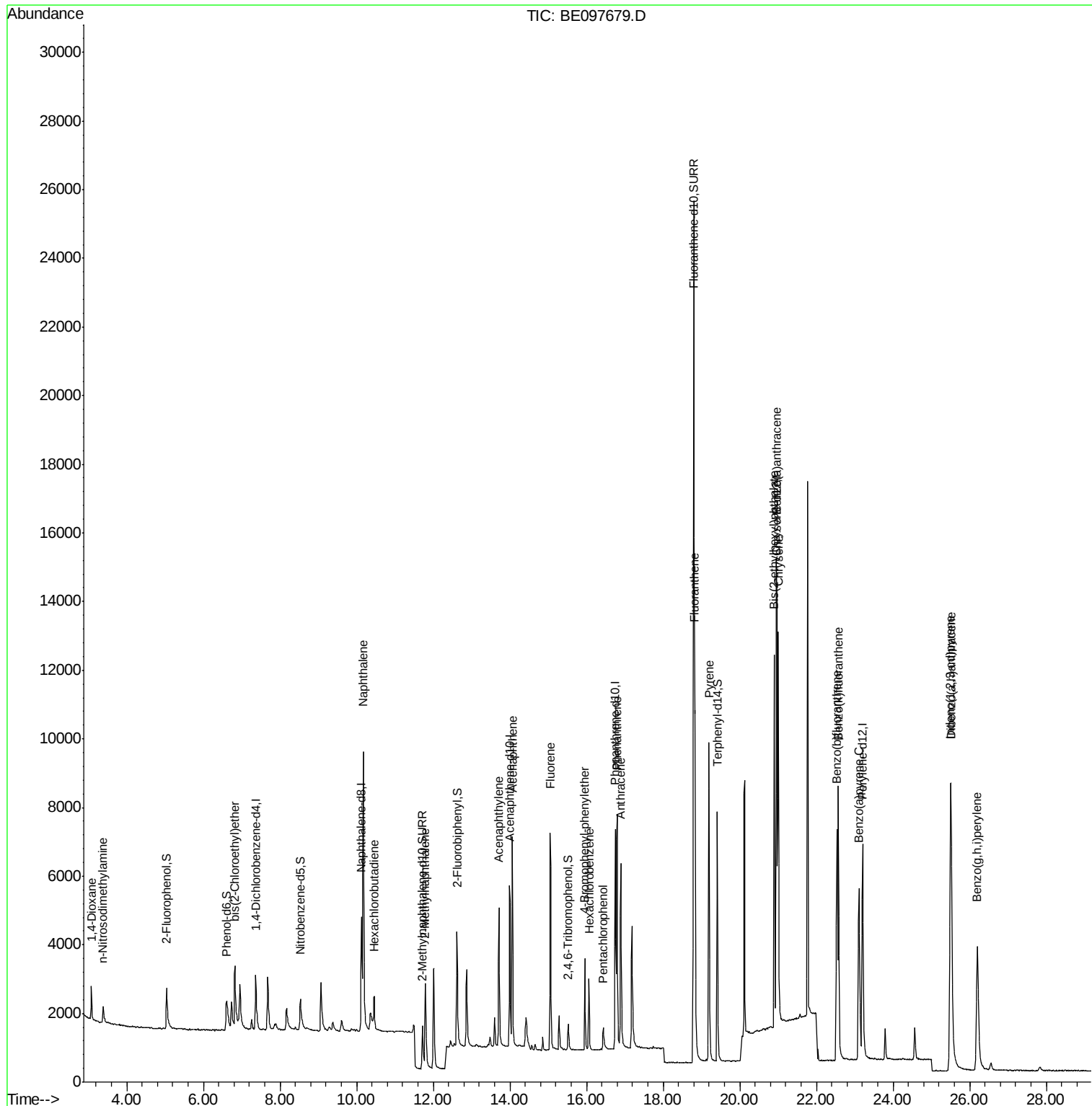
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	574	0.394	ng	# 89
3) n-Nitrosodimethylamine	3.37	42	407	0.425	ng	# 88
6) bis(2-Chloroethyl)ether	6.83	93	1191	0.449	ng	72
9) Naphthalene	10.17	128	15901	0.390	ng	99
10) Hexachlorobutadiene	10.46	225	706	0.380	ng	97
12) 2-Methylnaphthalene	11.79	142	2636	0.408	ng	98
16) Acenaphthylene	13.71	152	4875	0.396	ng	100
17) Acenaphthene	14.06	154	3233	0.403	ng	96
18) Fluorene	15.05	166	4355	0.386	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1627	0.405	ng	# 84
21) Hexachlorobenzene	16.07	284	1763	0.381	ng	# 83
22) Pentachlorophenol	16.44	266	527	0.564	ng	# 75
23) Phenanthrene	16.80	178	8481	0.396	ng	99
24) Anthracene	16.89	178	7155	0.402	ng	95
26) Fluoranthene	18.83	202	9917	0.386	ng	98
28) Pyrene	19.19	202	10259	0.402	ng	99
30) Benzo(a)anthracene	20.95	228	9578	0.415	ng	95
31) Chrysene	21.00	228	10620	0.393	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	14329	0.543	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	12662	0.444	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	9470	0.379	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	11355	0.384	ng	93
37) Benzo(a)pyrene	23.11	252	9482	0.384	ng	# 92
38) Dibenzo(a,h)anthracene	25.51	278	10454	0.403	ng	# 96
39) Benzo(g,h,i)perylene	26.20	276	9990	0.387	ng	# 89

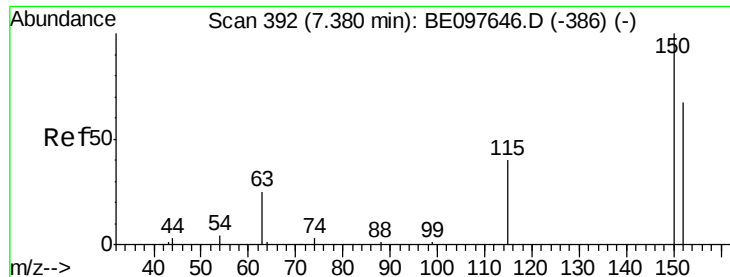
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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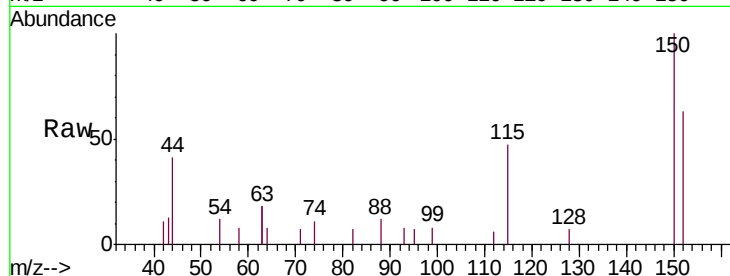


#1

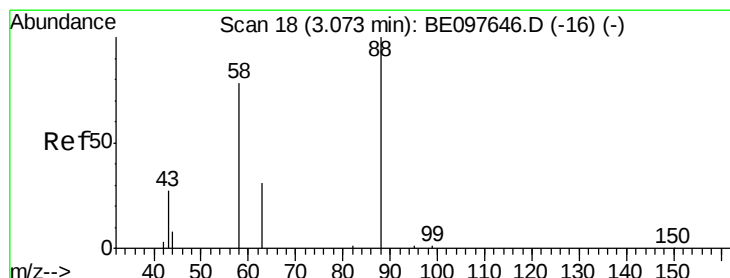
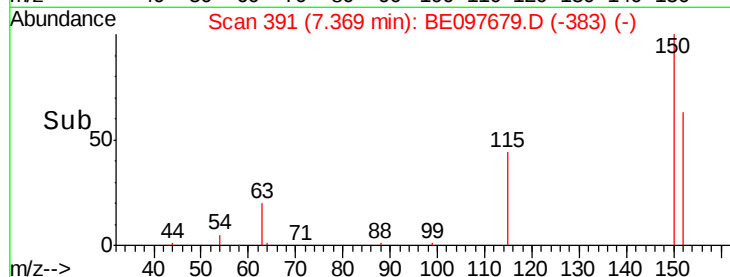
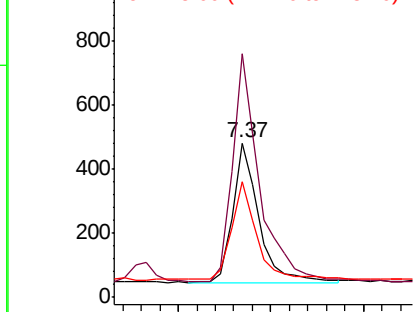
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 846
Ion Ratio Lower Upper
152 100
150 158.0 117.2 175.8
115 74.8 57.0 85.6



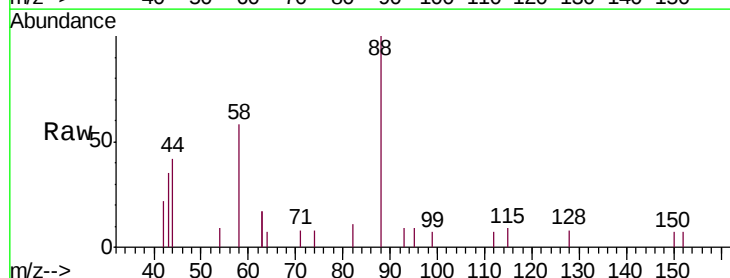
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



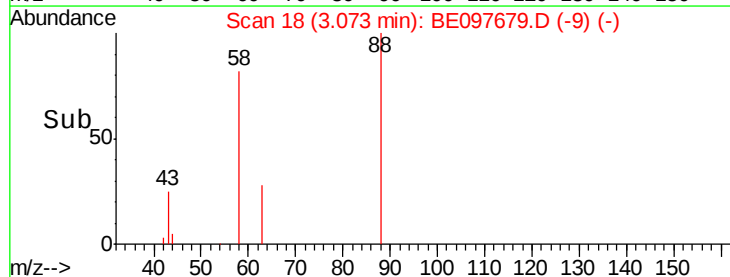
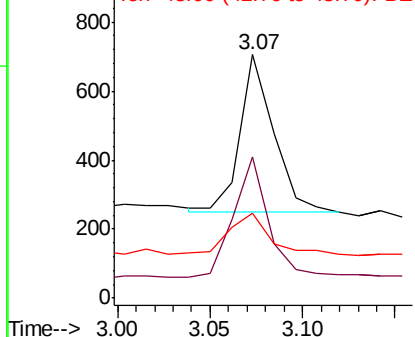
#2

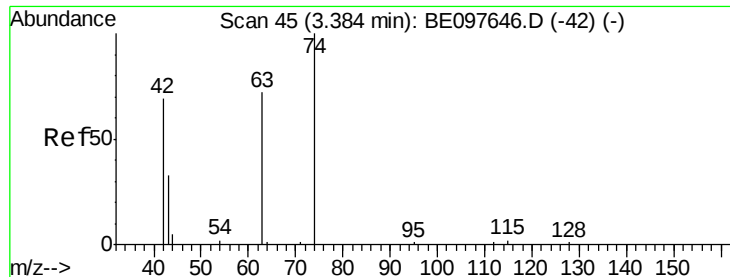
1,4-Dioxane
Concen: 0.394 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion: 88 Resp: 574
Ion Ratio Lower Upper
88 100
58 79.1 63.2 94.8
43 31.4 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: 0.425 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

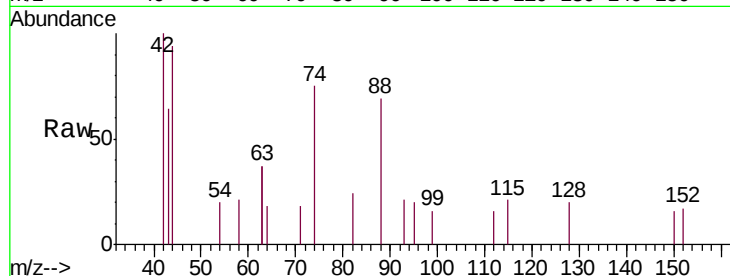
Tgt Ion: 42 Resp: 407

Ion Ratio Lower Upper

42 100

74 133.4 96.0 144.0

44 11.5 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

3.37

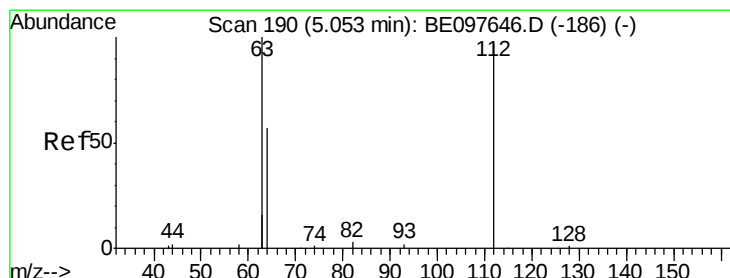
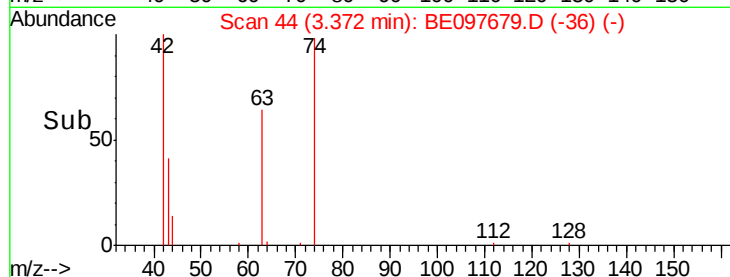
300

200

100

0

Time-->



#4

2-Fluorophenol

Concen: 0.447 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

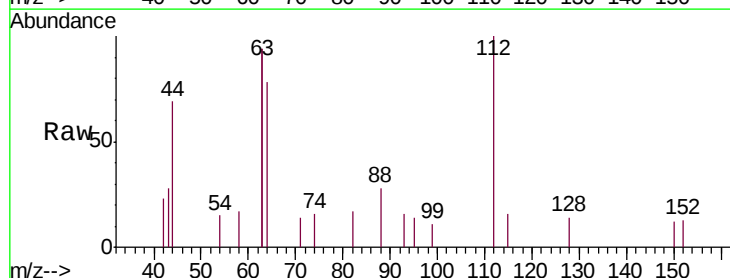
Tgt Ion: 112 Resp: 995

Ion Ratio Lower Upper

112 100

64 67.1 60.1 90.1

63 134.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

1000

800

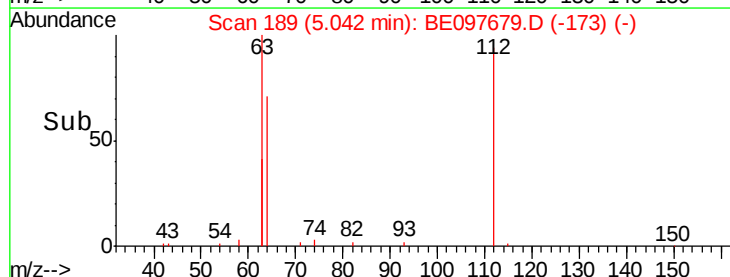
600

400

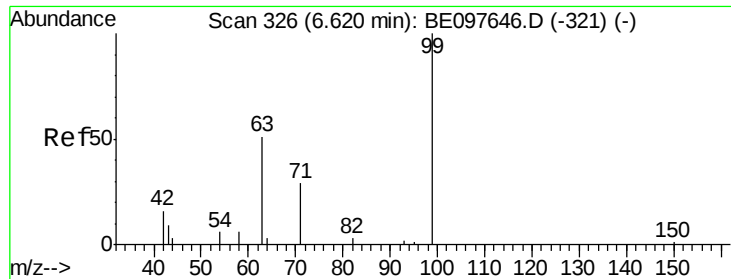
200

0

Time-->



5.04



#5

Phenol-d6

Concen: 0.419 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

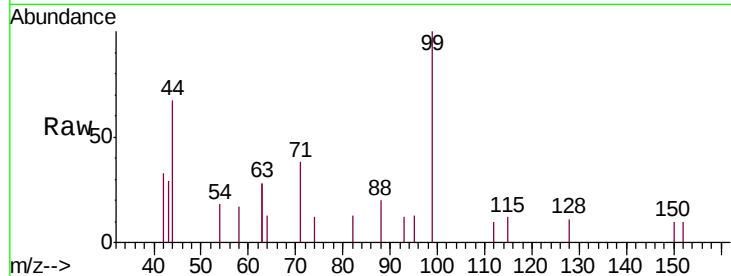
Tgt Ion: 99 Resp: 1317

Ion Ratio Lower Upper

99 100

42 22.7 20.2 30.2

71 33.6 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

600

500

400

300

200

100

0

6.61

6.50

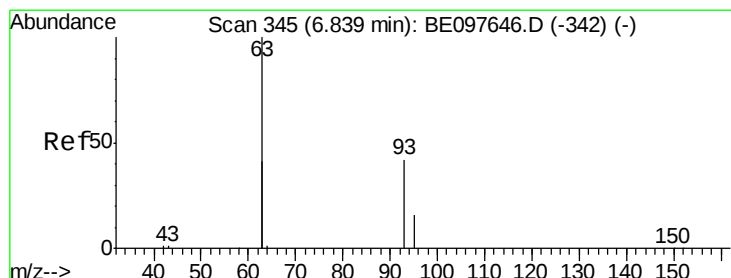
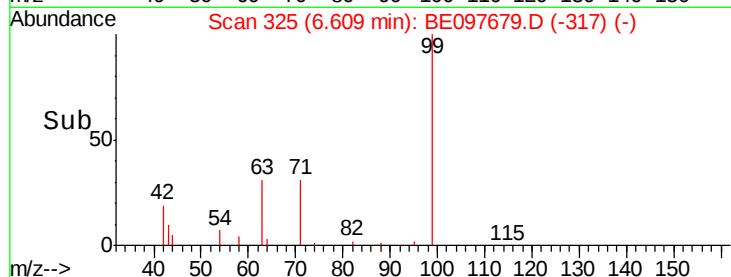
6.55

6.60

6.65

6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.449 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

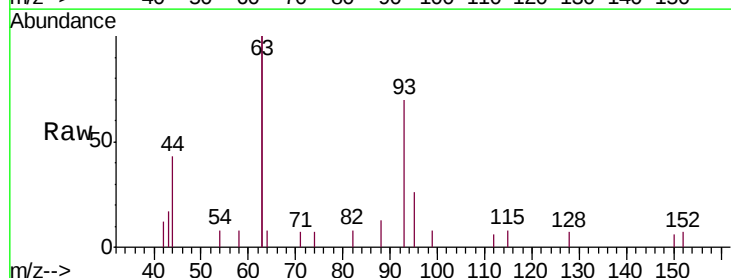
Tgt Ion: 93 Resp: 1191

Ion Ratio Lower Upper

93 100

63 279.3 275.3 412.9

95 29.2 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

2000

1500

1000

500

0

6.83

6.80

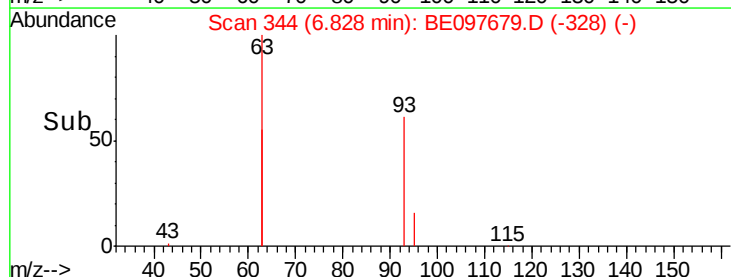
6.85

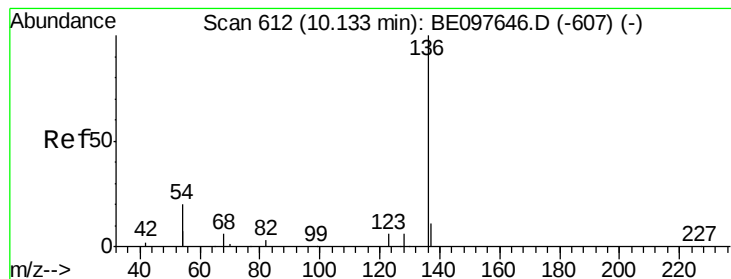
6.90

6.95

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

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Tgt Ion: 136 Resp: 4490

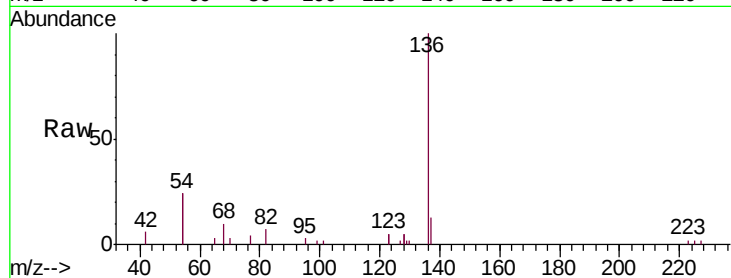
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 48.9 29.1 43.7#

68 10.0 6.2 9.2#

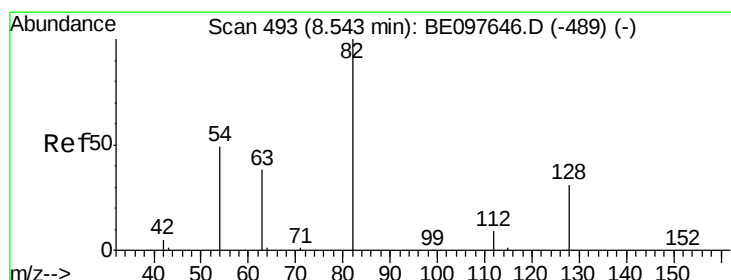
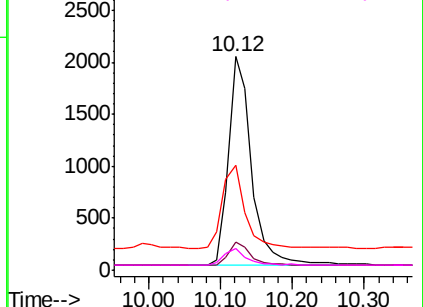
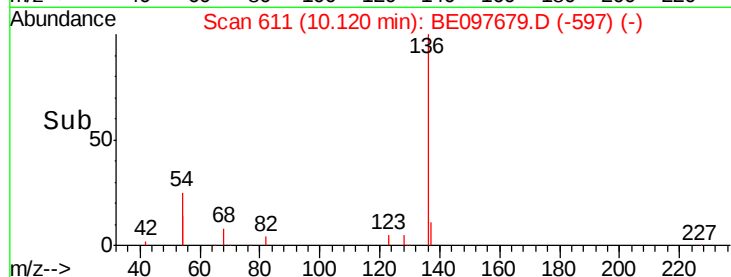


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

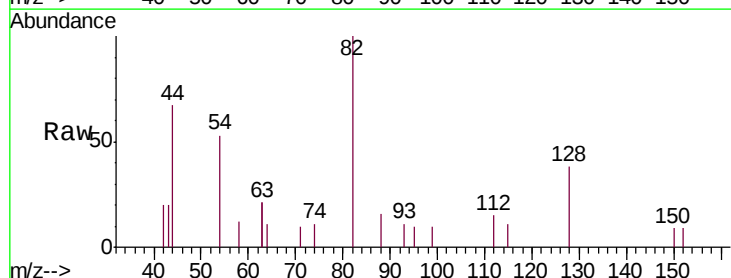
Tgt Ion: 82 Resp: 1246

Ion Ratio Lower Upper

82 100

128 37.9 24.0 36.0#

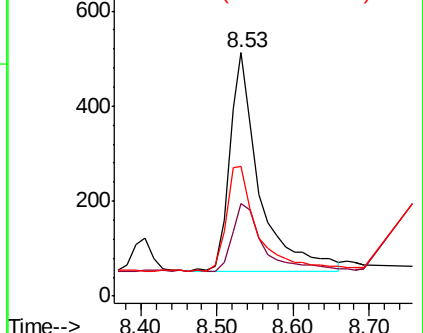
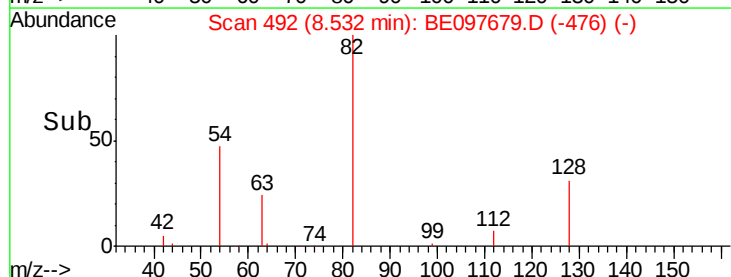
54 53.1 40.0 60.0

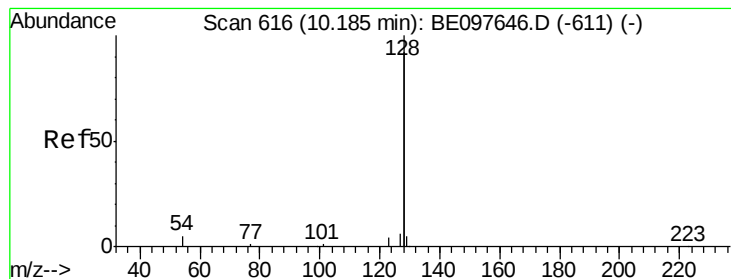


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.390 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

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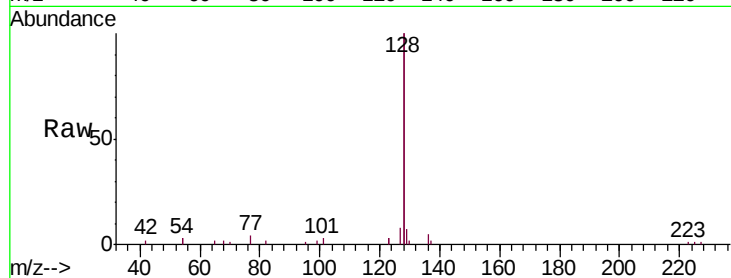
Tgt Ion:128 Resp: 15901

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

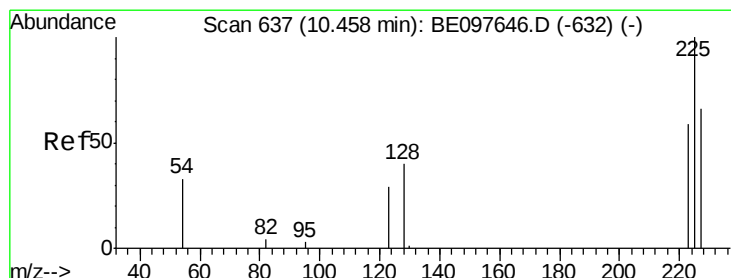
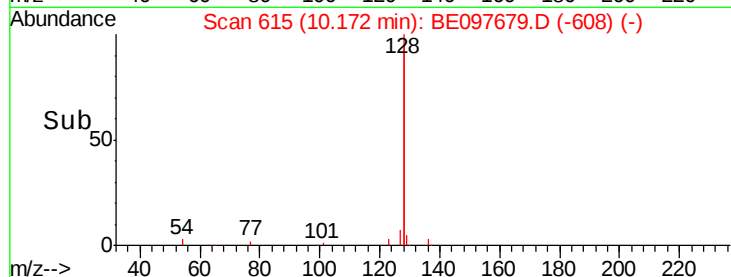
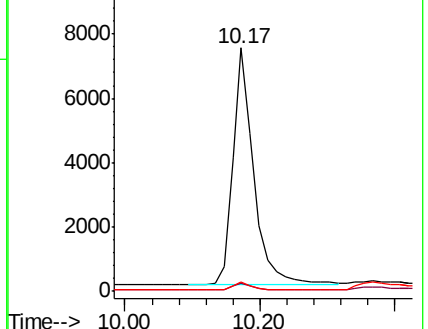
127 4.0 2.8 4.2



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: 0.380 ng

RT: 10.46 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

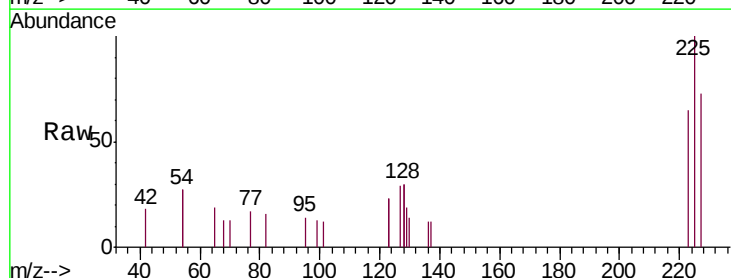
Tgt Ion:225 Resp: 706

Ion Ratio Lower Upper

225 100

223 62.3 53.0 79.6

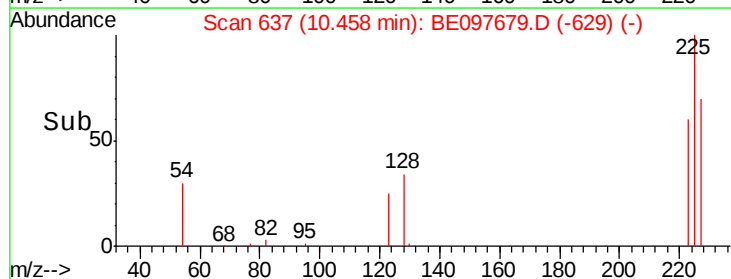
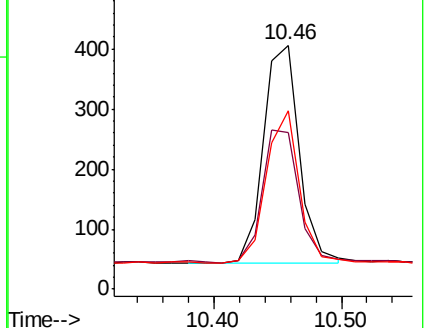
227 63.6 51.4 77.2

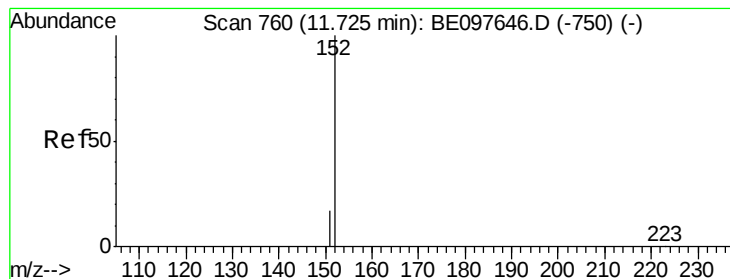


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE097679.D

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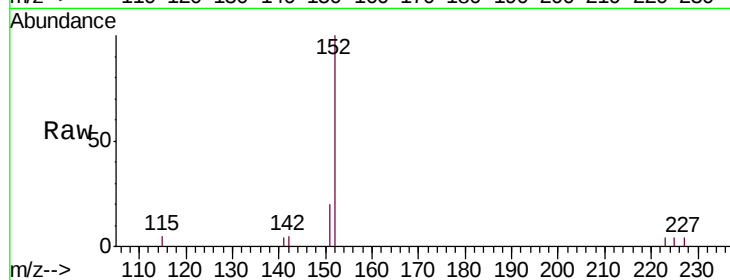
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2590

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

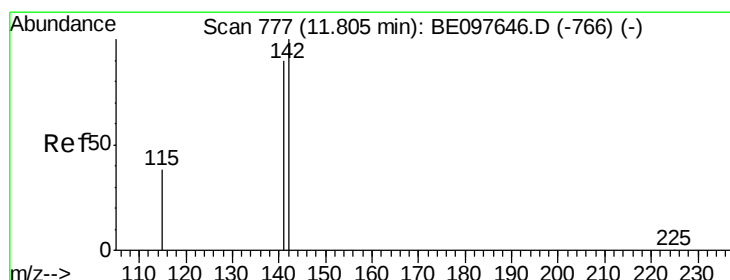
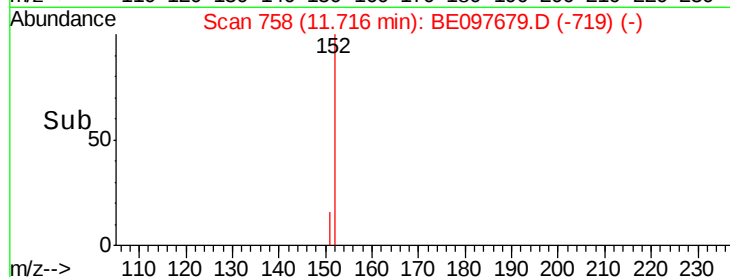
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

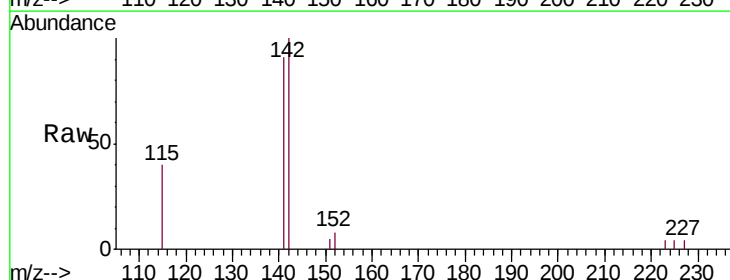
Tgt Ion:142 Resp: 2636

Ion Ratio Lower Upper

142 100

141 91.0 70.4 105.6

115 40.0 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

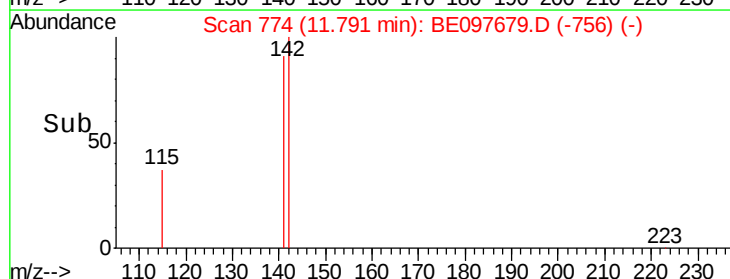
1500

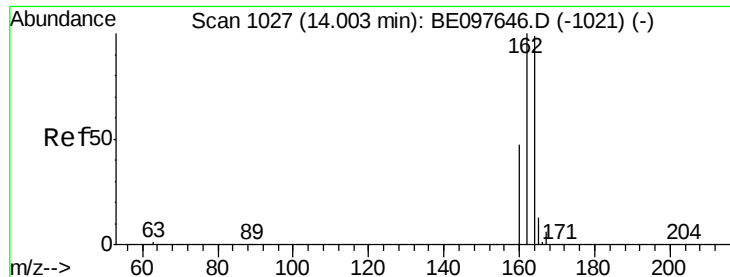
1000

500

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

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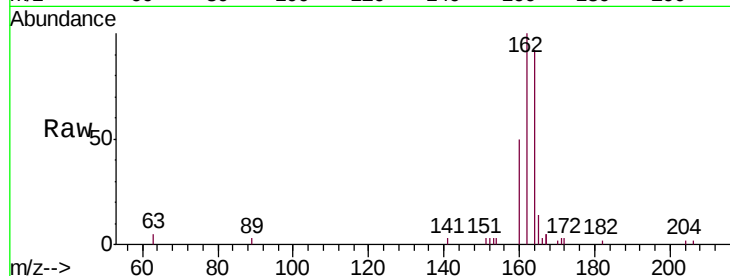
Tgt Ion:164 Resp: 3058

Ion Ratio Lower Upper

164 100

162 108.6 83.1 124.7

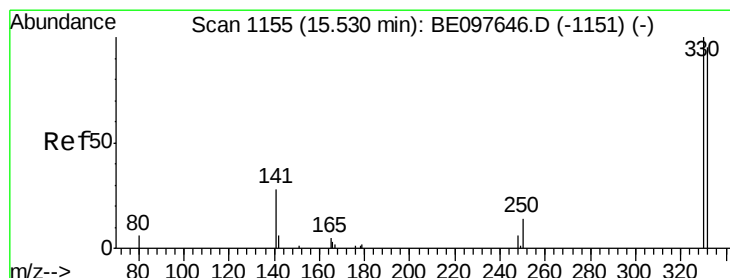
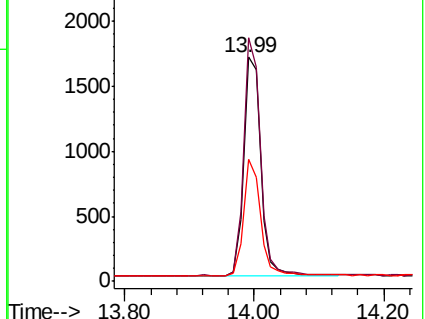
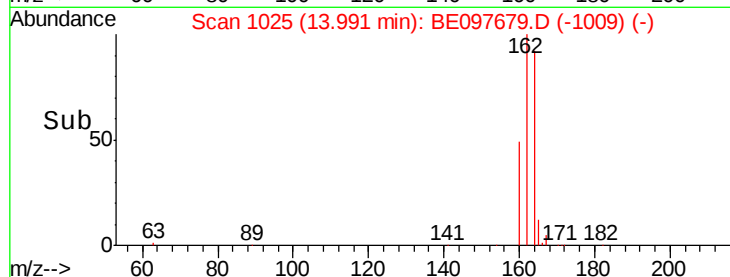
160 54.4 37.1 55.7



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: 0.436 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

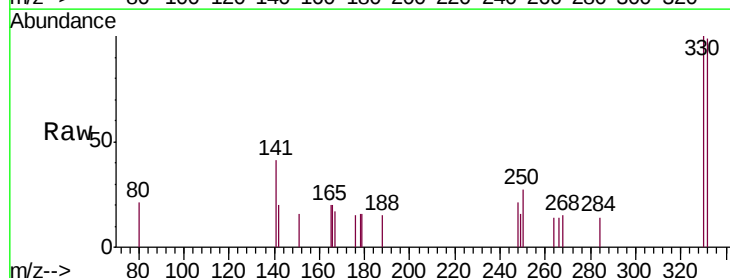
Tgt Ion:330 Resp: 544

Ion Ratio Lower Upper

330 100

332 93.0 152.7 229.1#

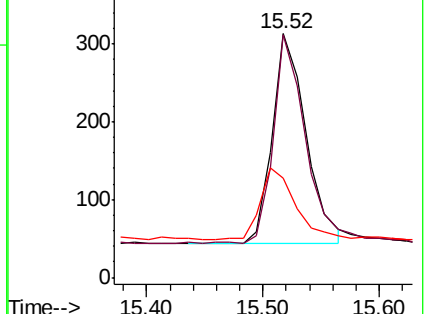
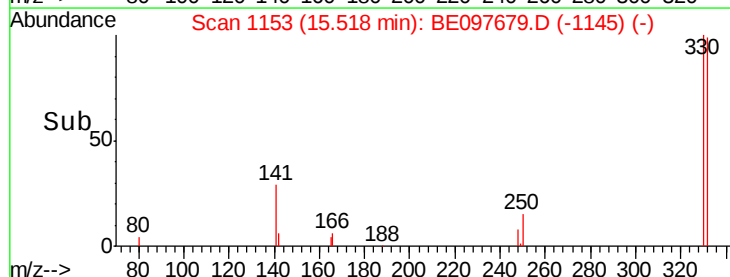
141 34.7 33.7 50.5

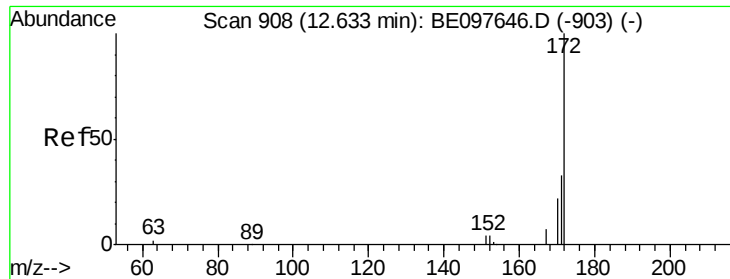


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

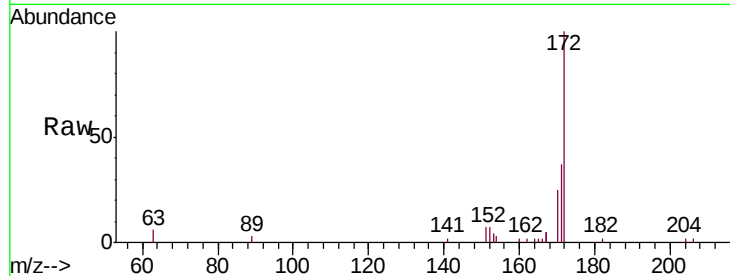




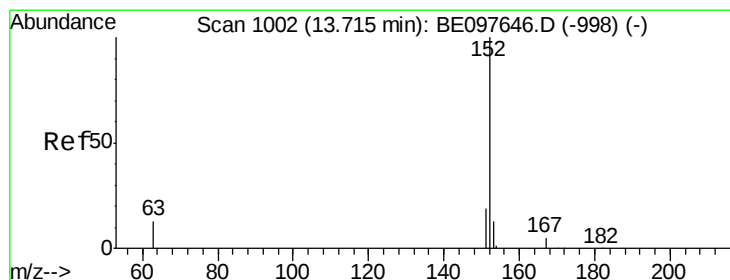
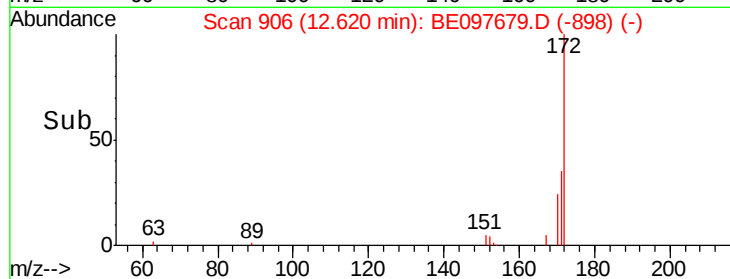
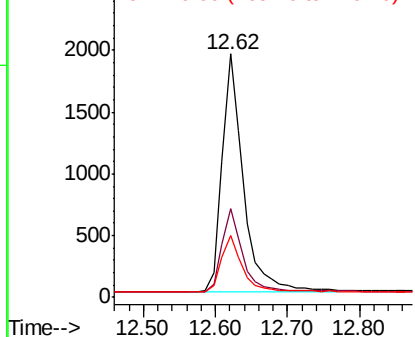
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3980
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.4 21.8 32.8

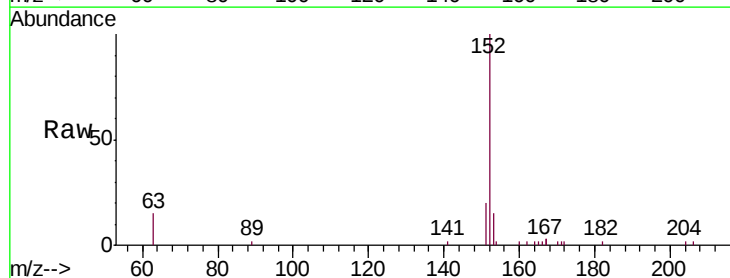


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

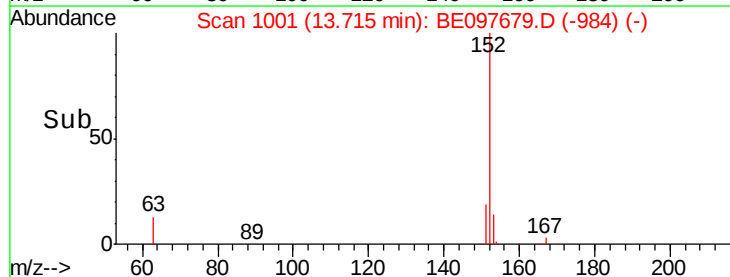
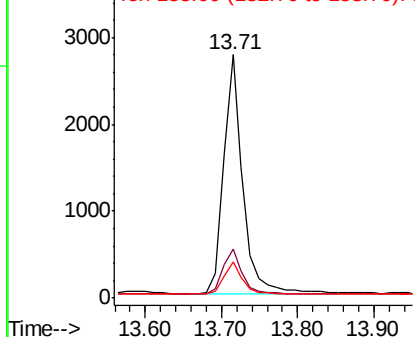


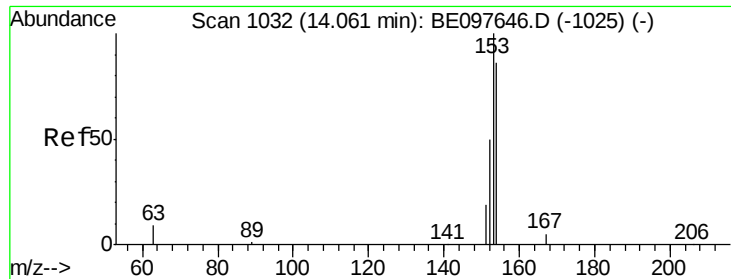
#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:152 Resp: 4875
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.0 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: 0.403 ng

RT: 14.06 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

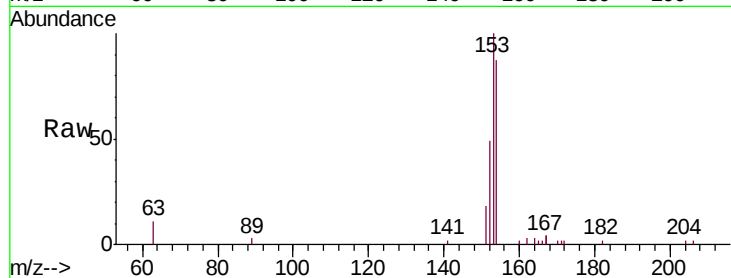
Tgt Ion:154 Resp: 3233

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

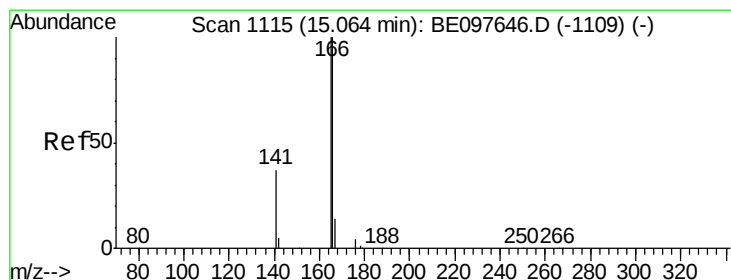
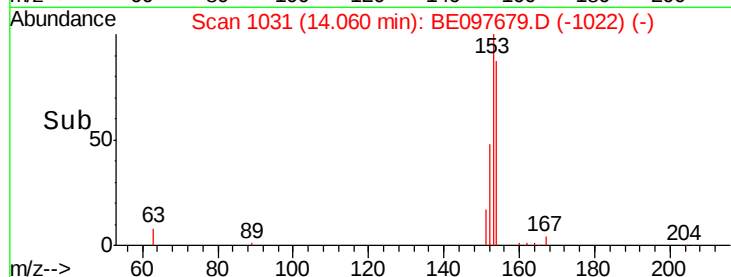
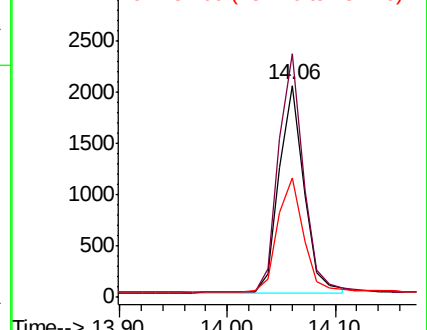
152 56.6 42.0 63.0



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: 0.386 ng

RT: 15.05 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

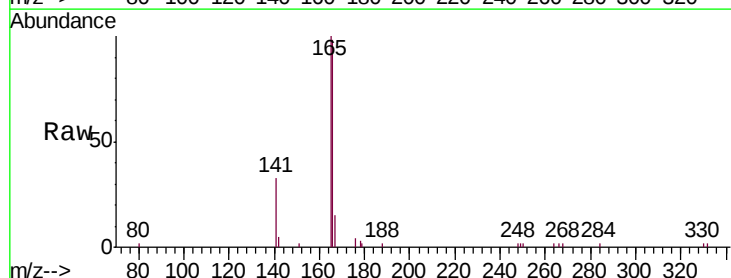
Tgt Ion:166 Resp: 4355

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

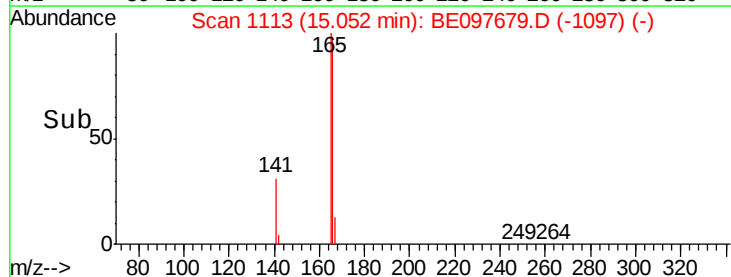
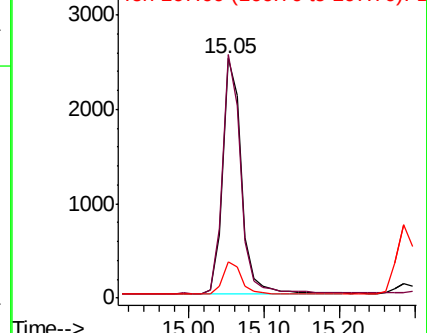
167 13.4 42.4 63.6#

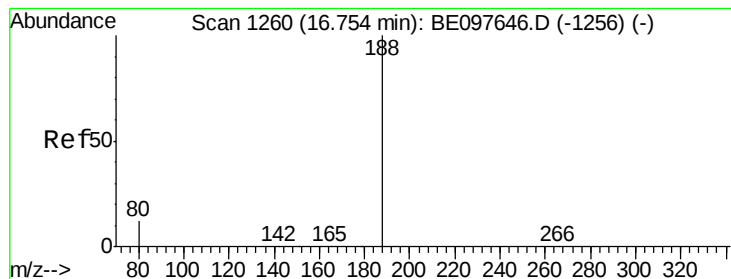


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

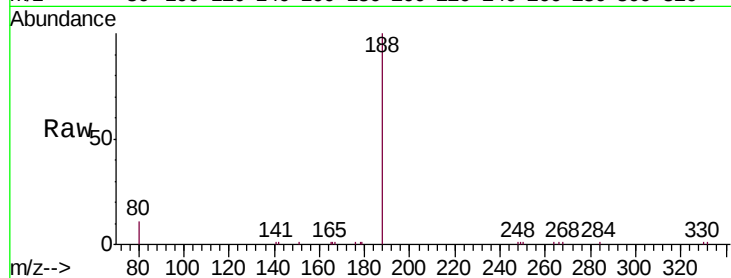
Tgt Ion:188 Resp: 9054

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

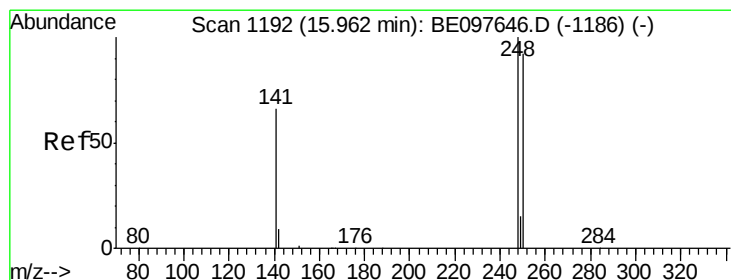
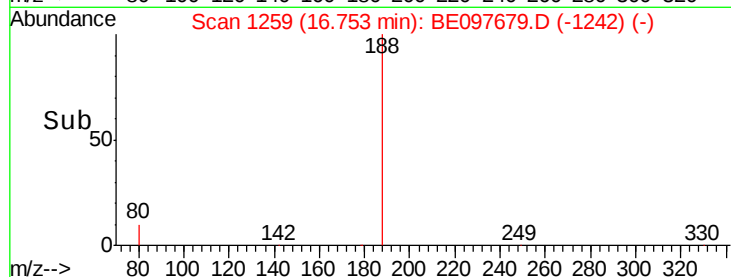
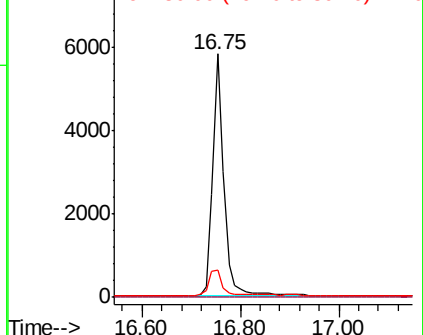
80 11.1 3.6 5.4#



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: 0.405 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

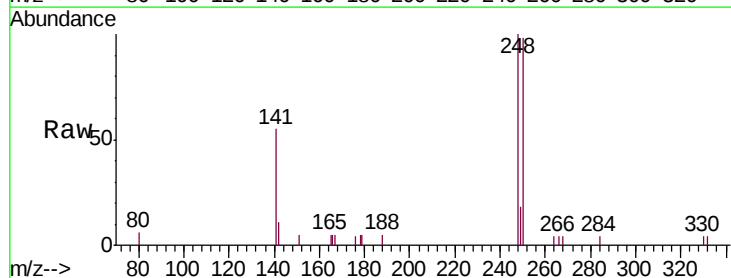
Tgt Ion:248 Resp: 1627

Ion Ratio Lower Upper

248 100

250 97.8 62.7 94.1#

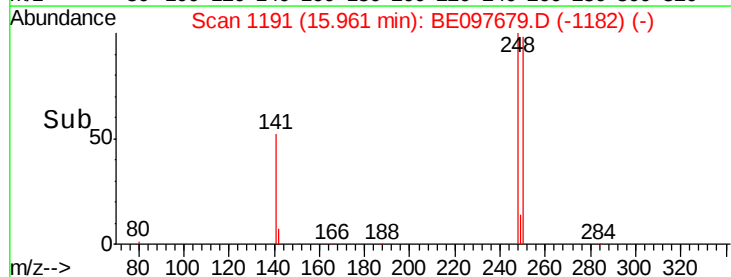
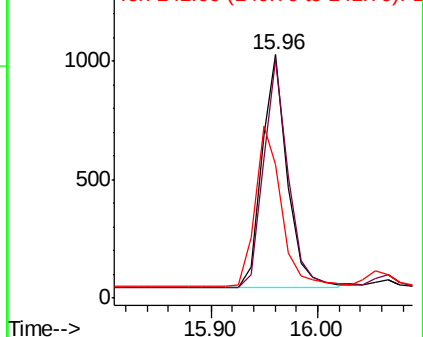
141 54.6 48.2 72.2

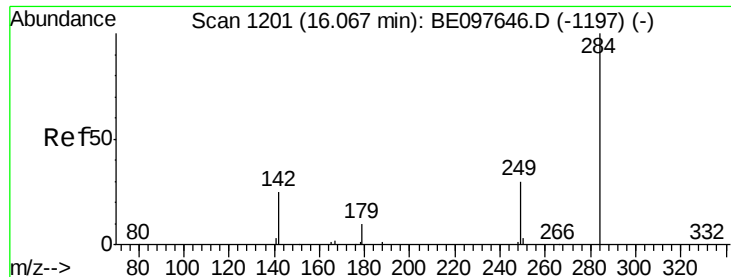


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

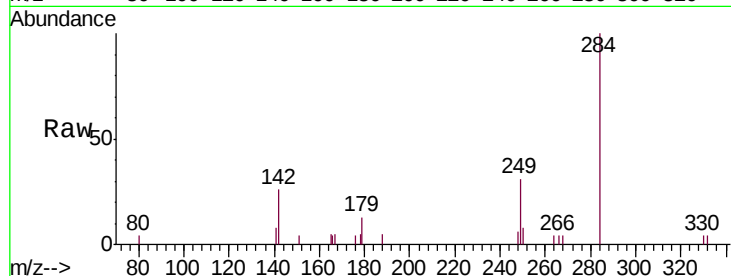
Tgt Ion: 284 Resp: 1763

Ion Ratio Lower Upper

284 100

142 33.0 22.1 33.1

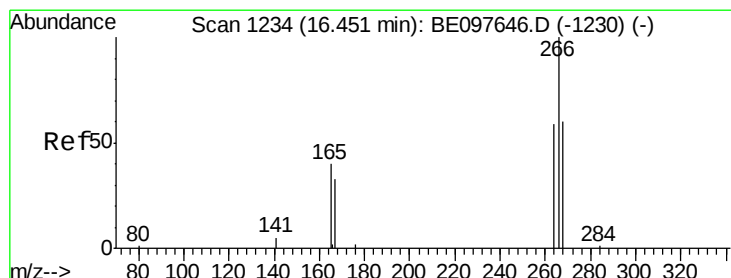
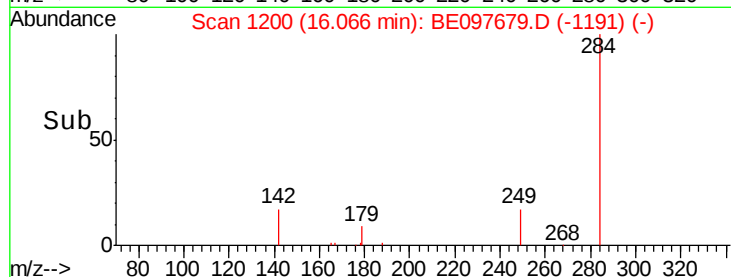
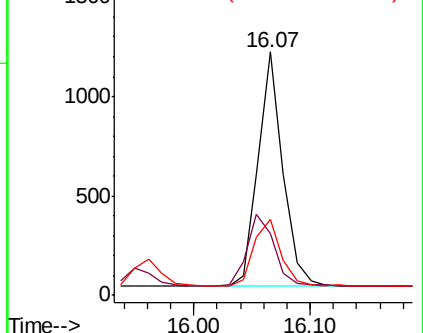
249 30.1 34.8 52.2#



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: 0.564 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

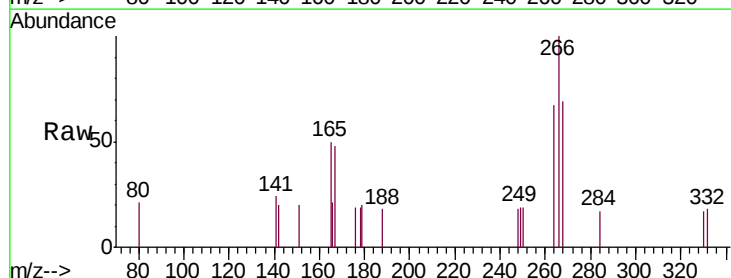
Tgt Ion: 266 Resp: 527

Ion Ratio Lower Upper

266 100

264 66.9 72.5 108.7#

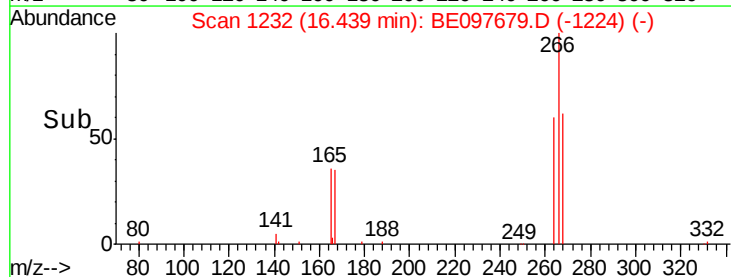
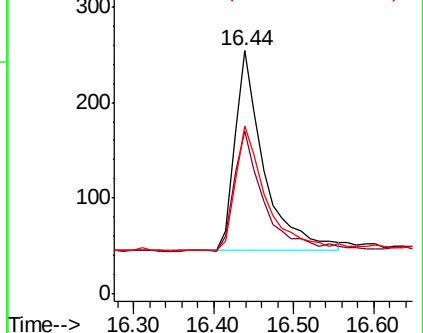
268 68.9 73.8 110.6#

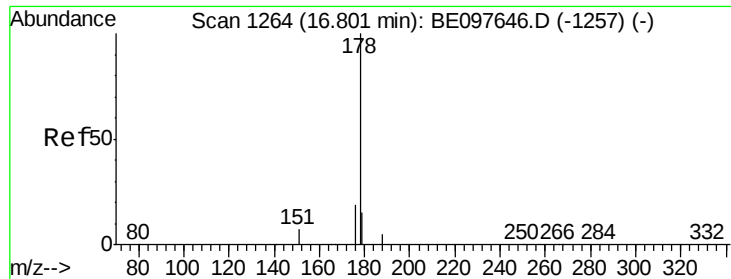


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

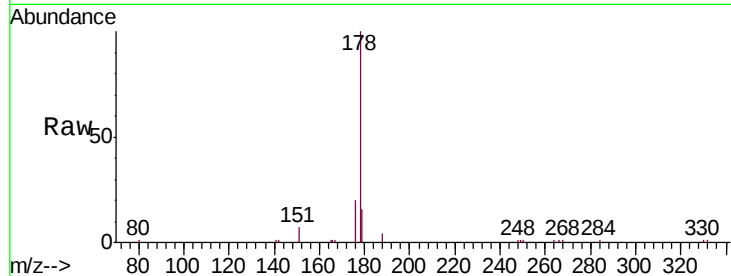
Tgt Ion:178 Resp: 8481

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

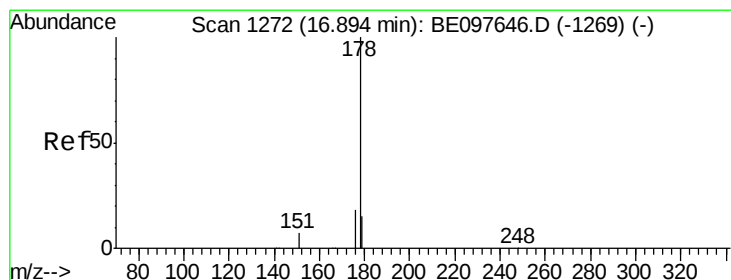
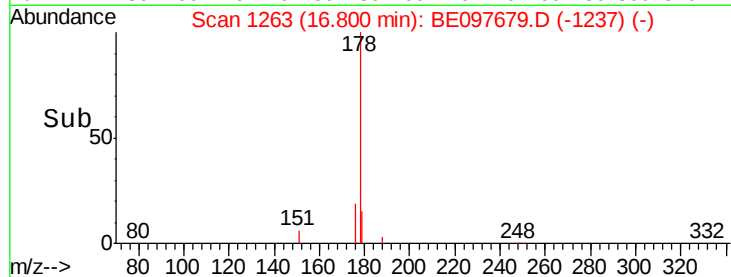
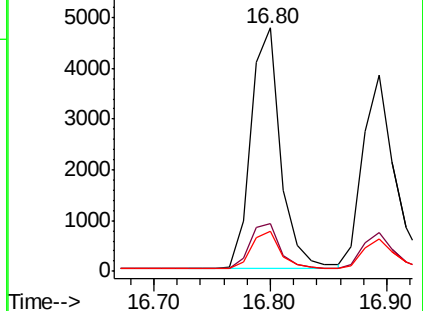
179 15.1 11.8 17.6



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: 0.402 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

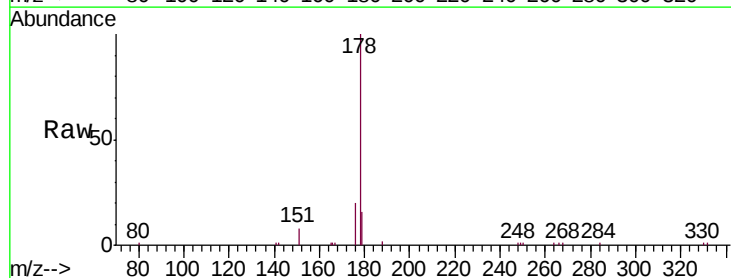
Tgt Ion:178 Resp: 7155

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

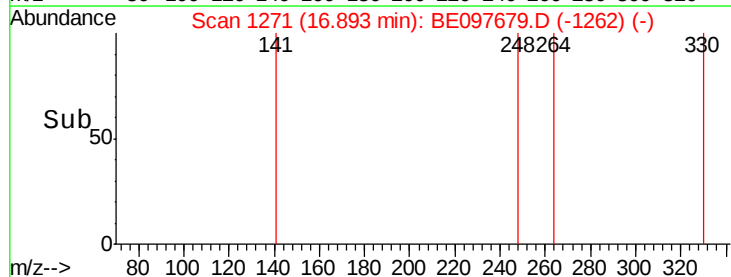
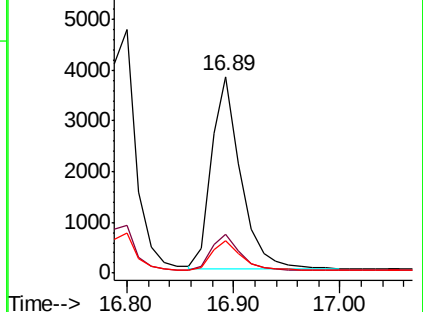
179 14.9 13.0 19.6

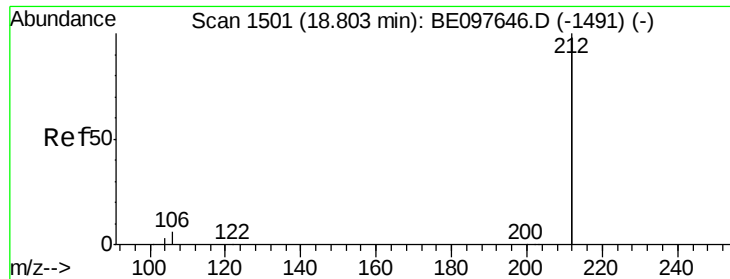


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

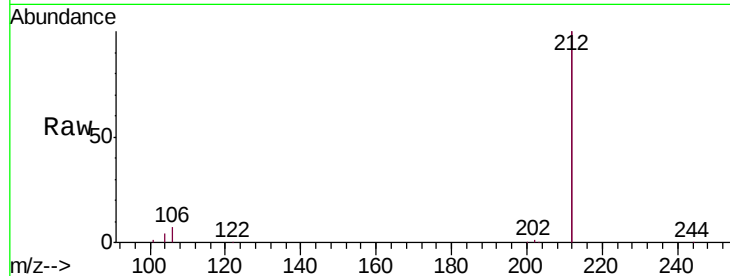
Tgt Ion:212 Resp: 38134

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

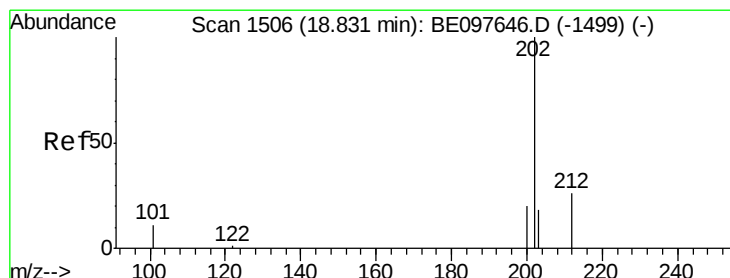
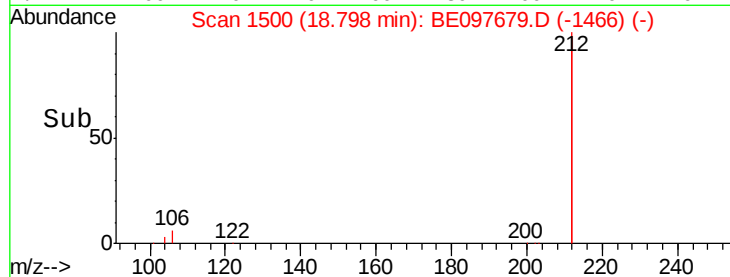
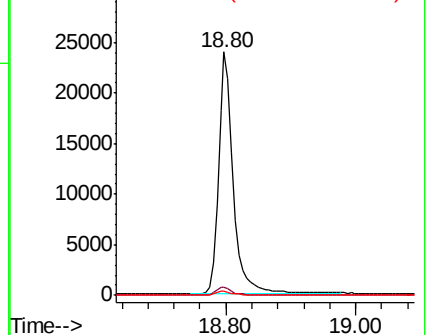
104 1.8 1.6 2.4



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: 0.386 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

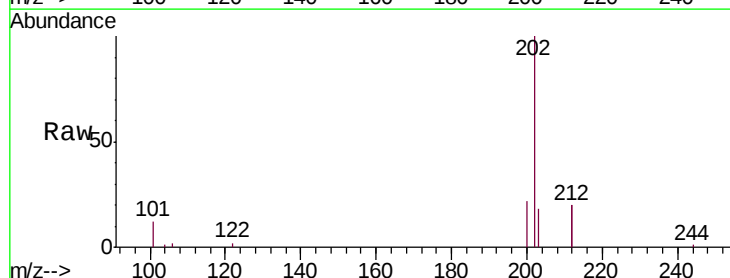
Tgt Ion:202 Resp: 9917

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

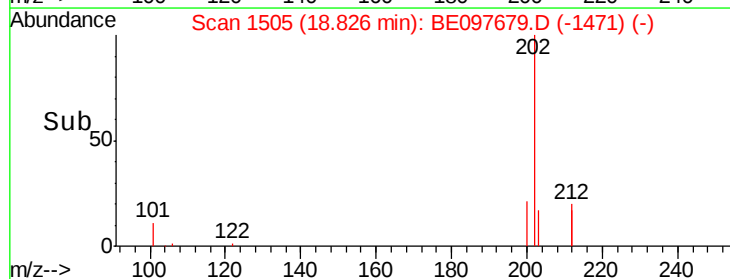
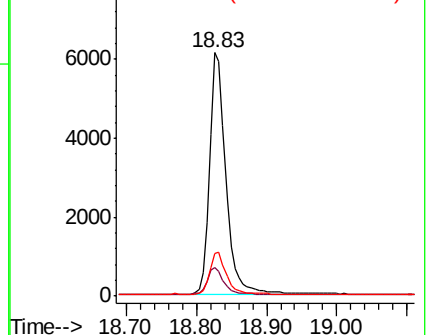
203 17.2 13.7 20.5

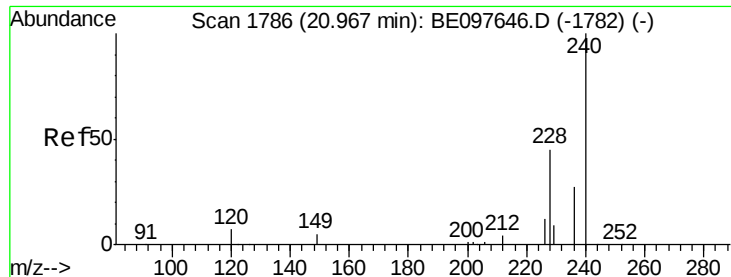


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

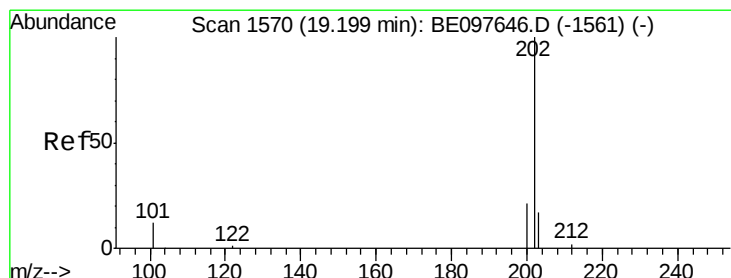
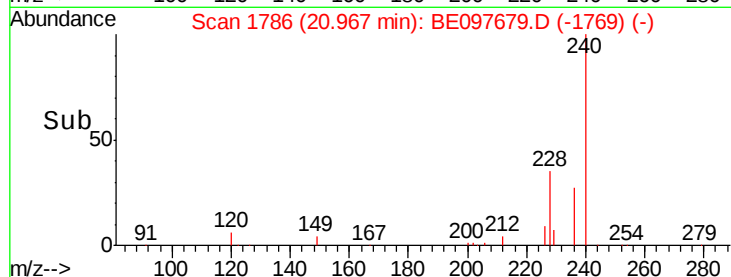
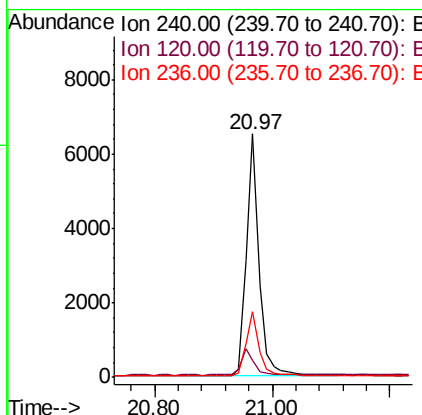
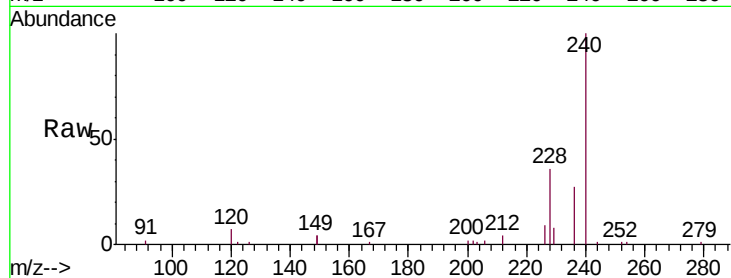




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097679.D
 Acq: 26 Sep 2018 4:23

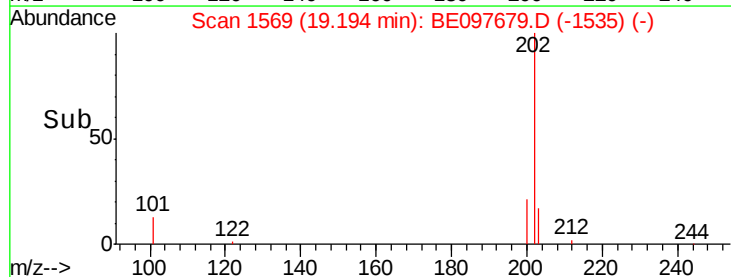
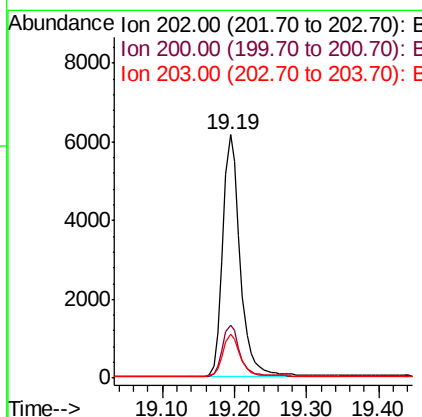
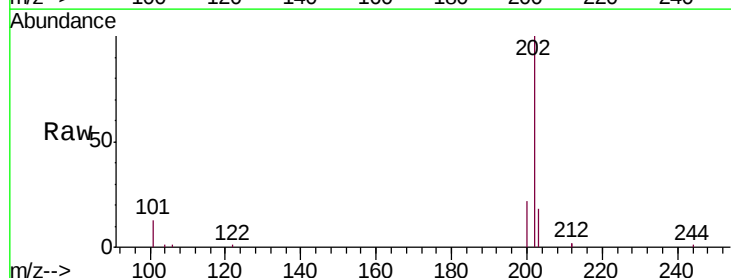
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

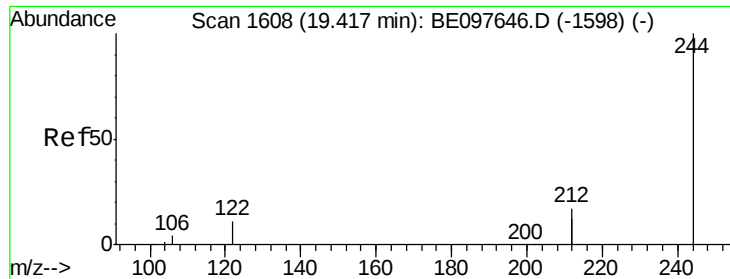
Tgt Ion:240 Resp: 9778
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.5 8.3
 236 27.2 20.7 31.1



#28
 Pyrene
 Concen: 0.402 ng
 RT: 19.19 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BE097679.D
 Acq: 26 Sep 2018 4:23

Tgt Ion:202 Resp: 10259
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

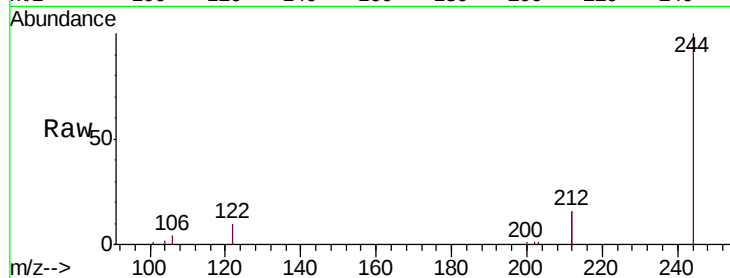
Tgt Ion:244 Resp: 7521

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

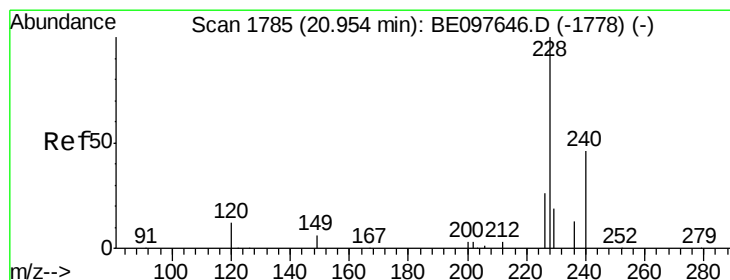
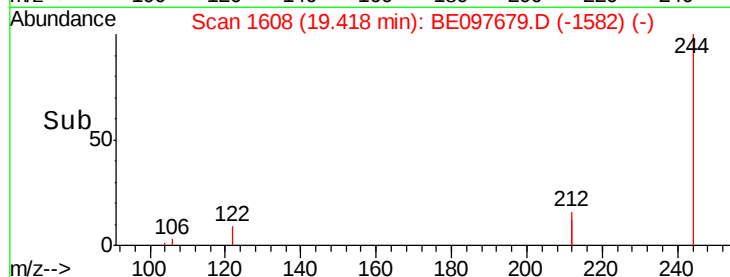
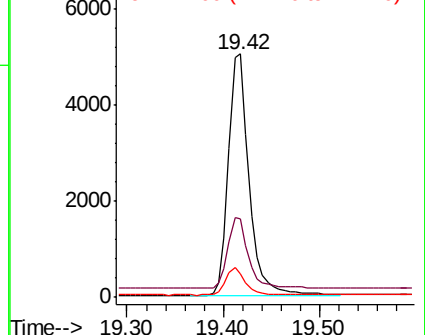
122 9.9 8.1 12.1



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: 0.415 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

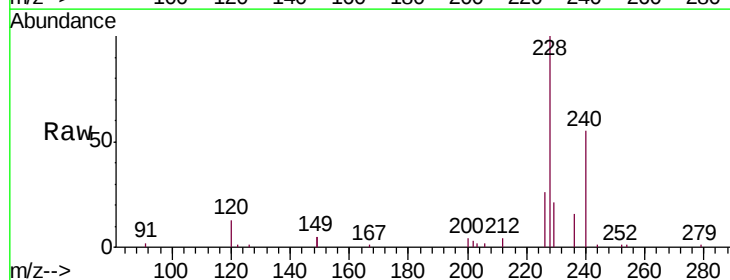
Tgt Ion:228 Resp: 9578

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

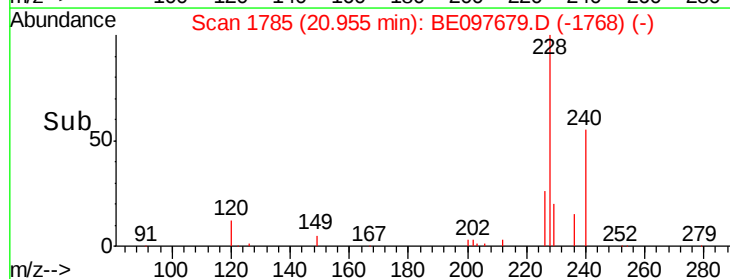
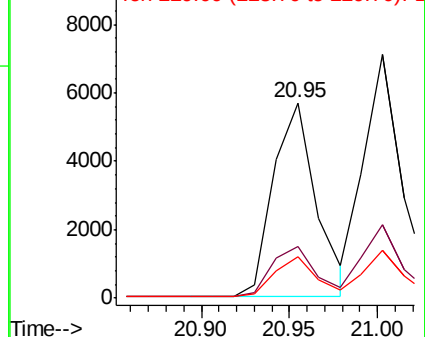
229 21.0 16.0 24.0

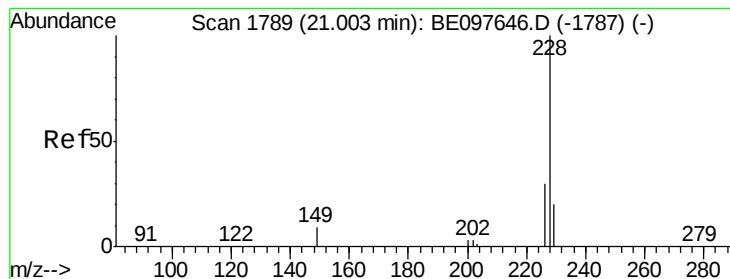


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

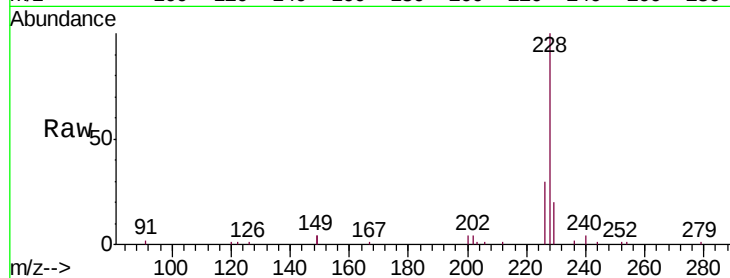
Tgt Ion:228 Resp: 10620

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

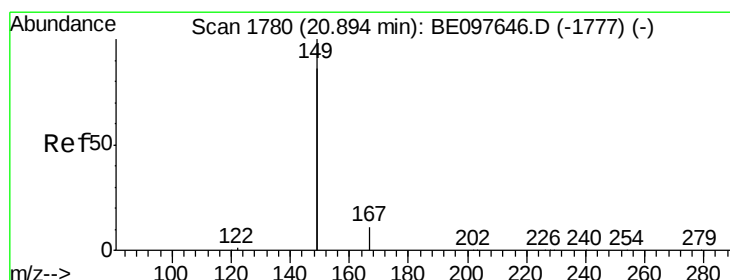
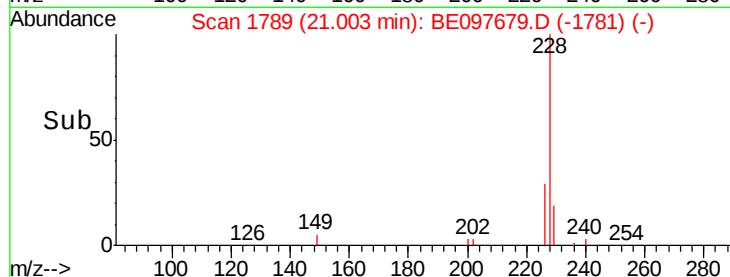
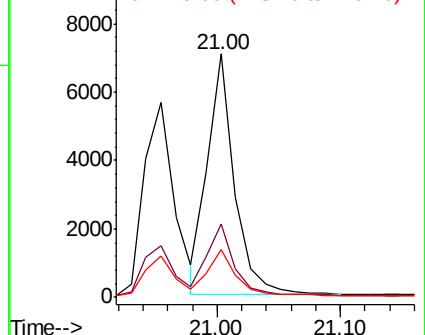
229 19.8 16.0 24.0



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: 0.543 ng

RT: 20.89 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

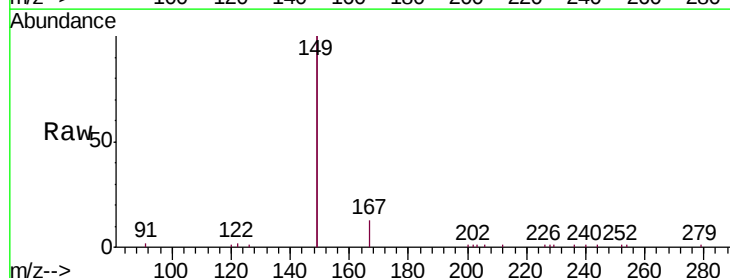
Tgt Ion:149 Resp: 14329

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

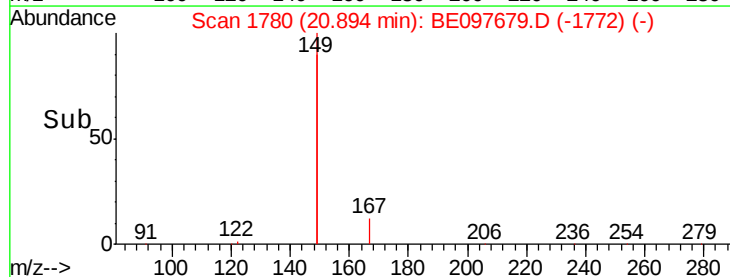
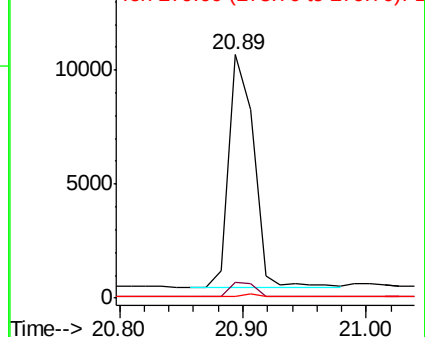
279 1.1 0.7 1.1

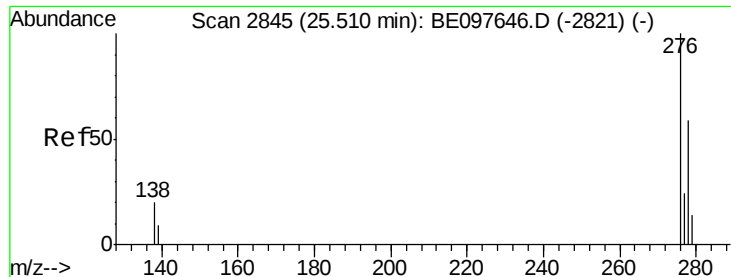


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.444 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

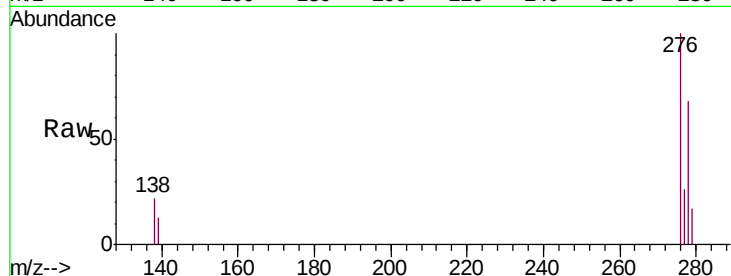
Tgt Ion:276 Resp: 12662

Ion Ratio Lower Upper

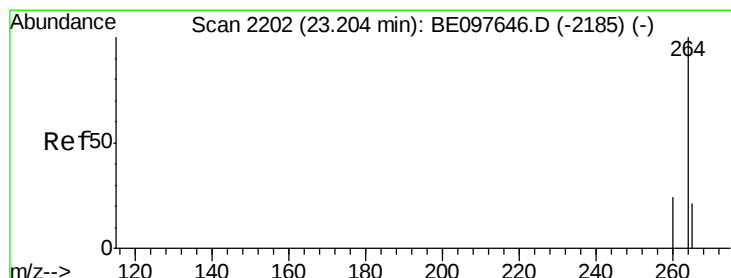
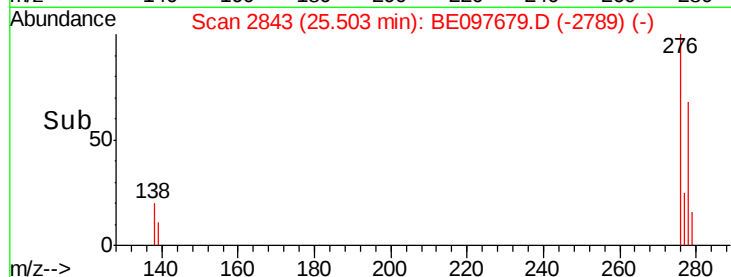
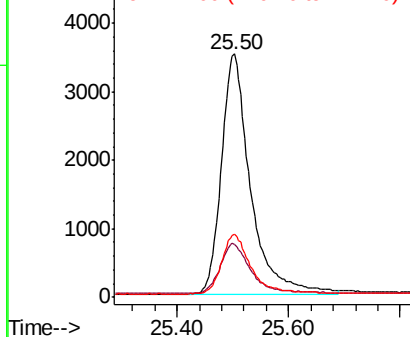
276 100

138 21.7 22.5 33.7#

277 24.5 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: BE097679.D

Acq: 26 Sep 2018 4:23

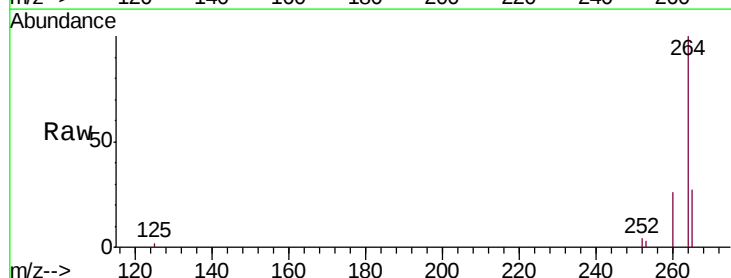
Tgt Ion:264 Resp: 9773

Ion Ratio Lower Upper

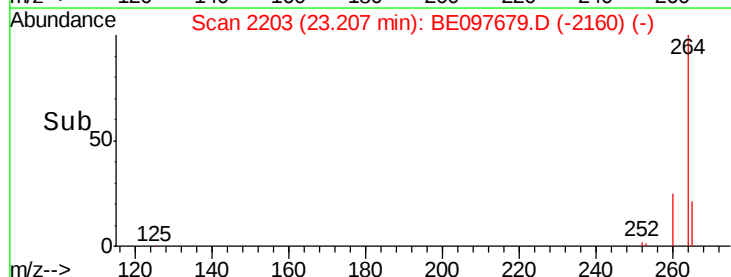
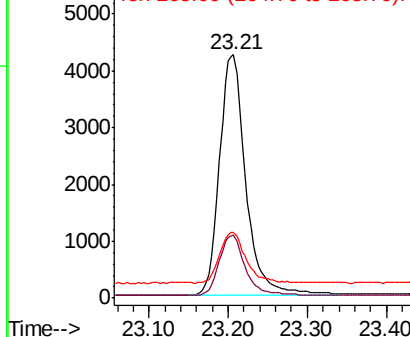
264 100

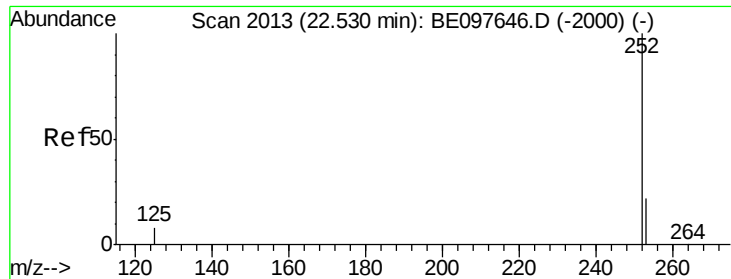
260 25.9 20.5 30.7

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

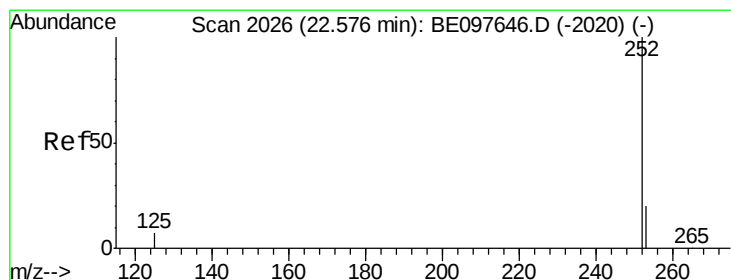
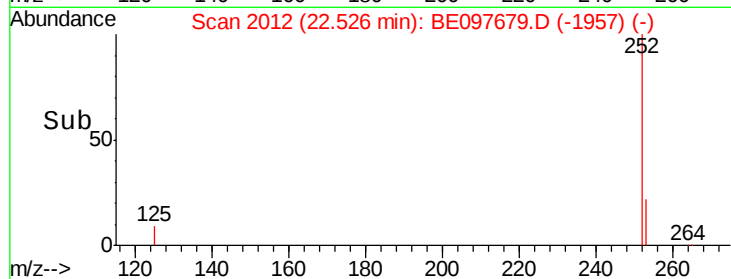
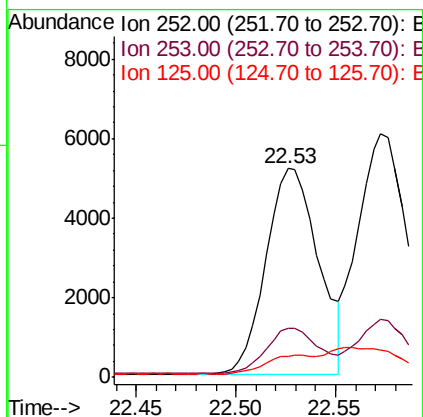
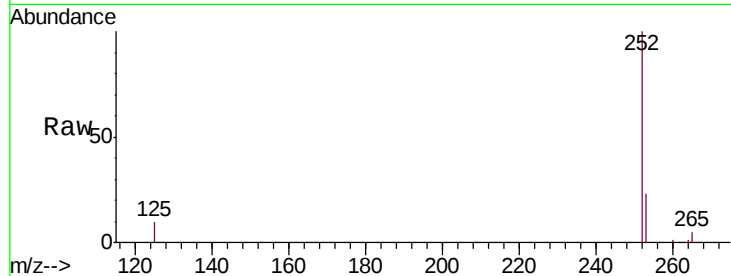




#35
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.53 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

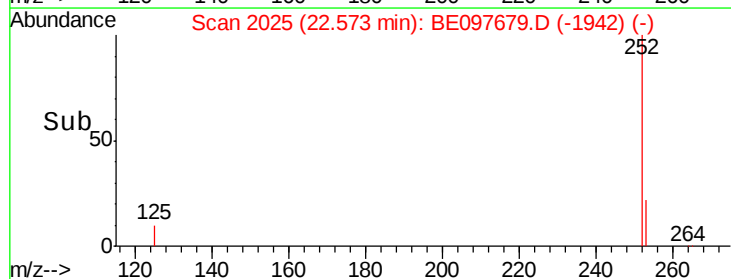
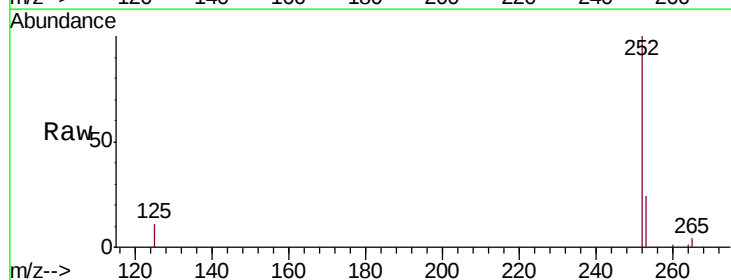
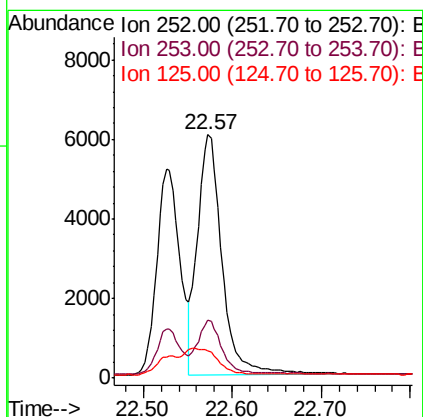
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

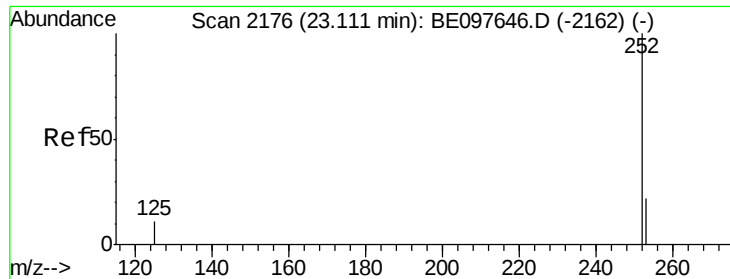
Tgt Ion:252 Resp: 9470
Ion Ratio Lower Upper
252 100
253 23.4 20.0 30.0
125 10.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE097679.D
Acq: 26 Sep 2018 4:23

Tgt Ion:252 Resp: 11355
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 11.3 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

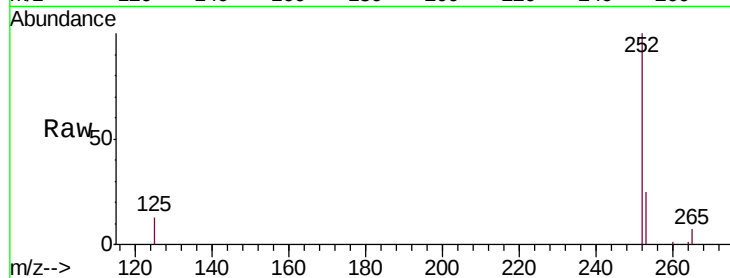
Tgt Ion: 252 Resp: 9482

Ion Ratio Lower Upper

252 100

253 24.8 16.0 24.0#

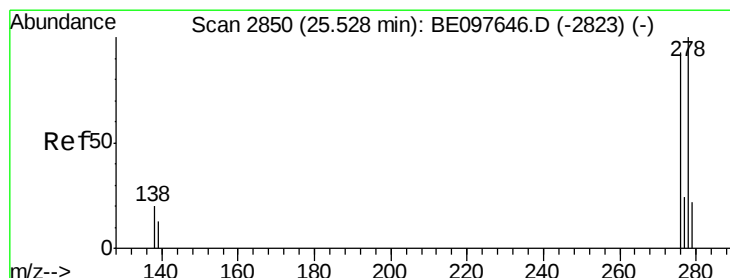
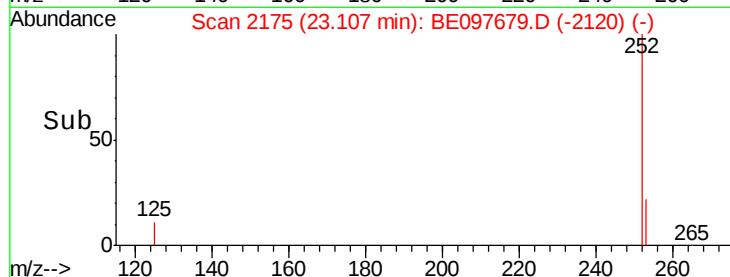
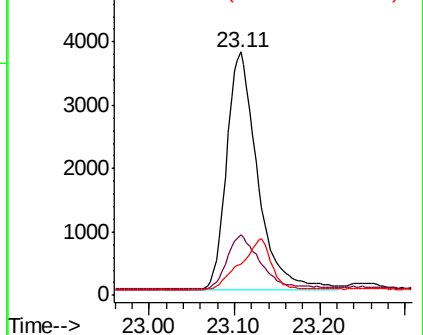
125 13.0 12.0 18.0



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: 0.403 ng

RT: 25.51 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BE097679.D

Acq: 26 Sep 2018 4:23

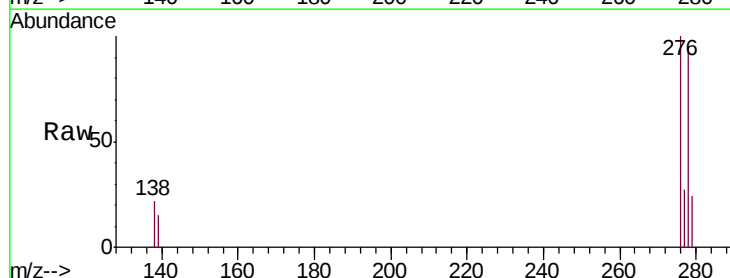
Tgt Ion: 278 Resp: 10454

Ion Ratio Lower Upper

278 100

139 16.0 16.0 24.0#

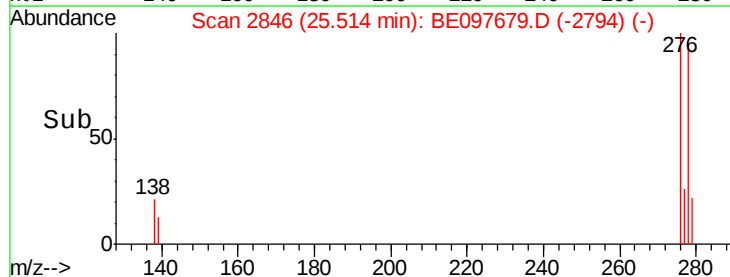
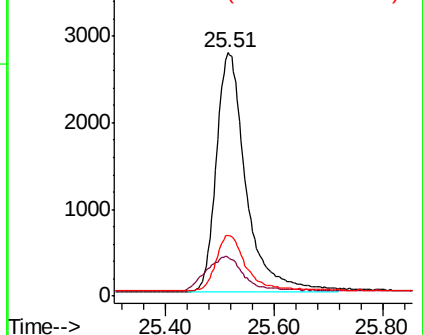
279 24.9 20.0 30.0

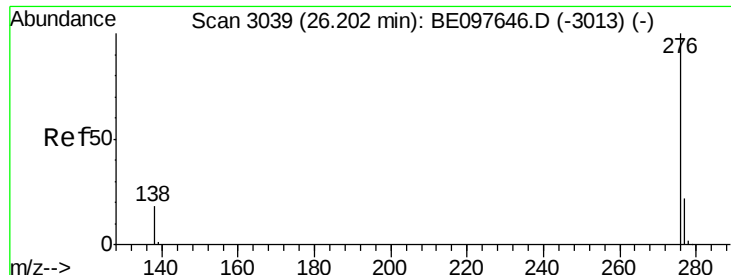


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.387 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE097679.D

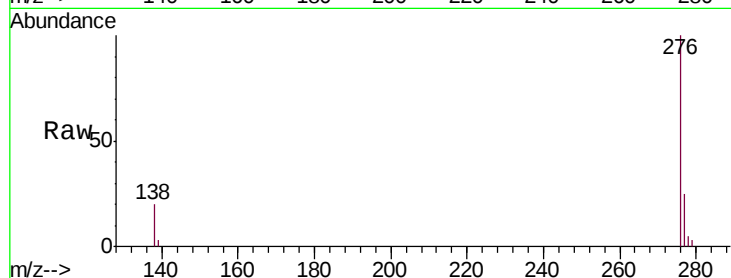
Acq: 26 Sep 2018 4:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 9990

Ion Ratio Lower Upper

276 100

277 25.4 16.0 24.0#

138 20.2 20.0 30.0

