

Data File : BE097667.D
Acq On : 25 Sep 2018 20:58
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 07:36:54 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	7.38	152	800	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3915	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2753	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	8600	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8912	0.40	ng	0.00
34) Perylene-d12	23.21	264	8890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	816	0.39	ng	0.00
5) Phenol-d6	6.61	99	996	0.33	ng	-0.01
8) Nitrobenzene-d5	8.54	82	1005	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2327	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	445	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	3475	0.39	ng	0.00
25) Fluoranthene-d10	18.80	212	35182	0.38	ng	0.00
29) Terphenyl-d14	19.42	244	6867	0.39	ng	0.00

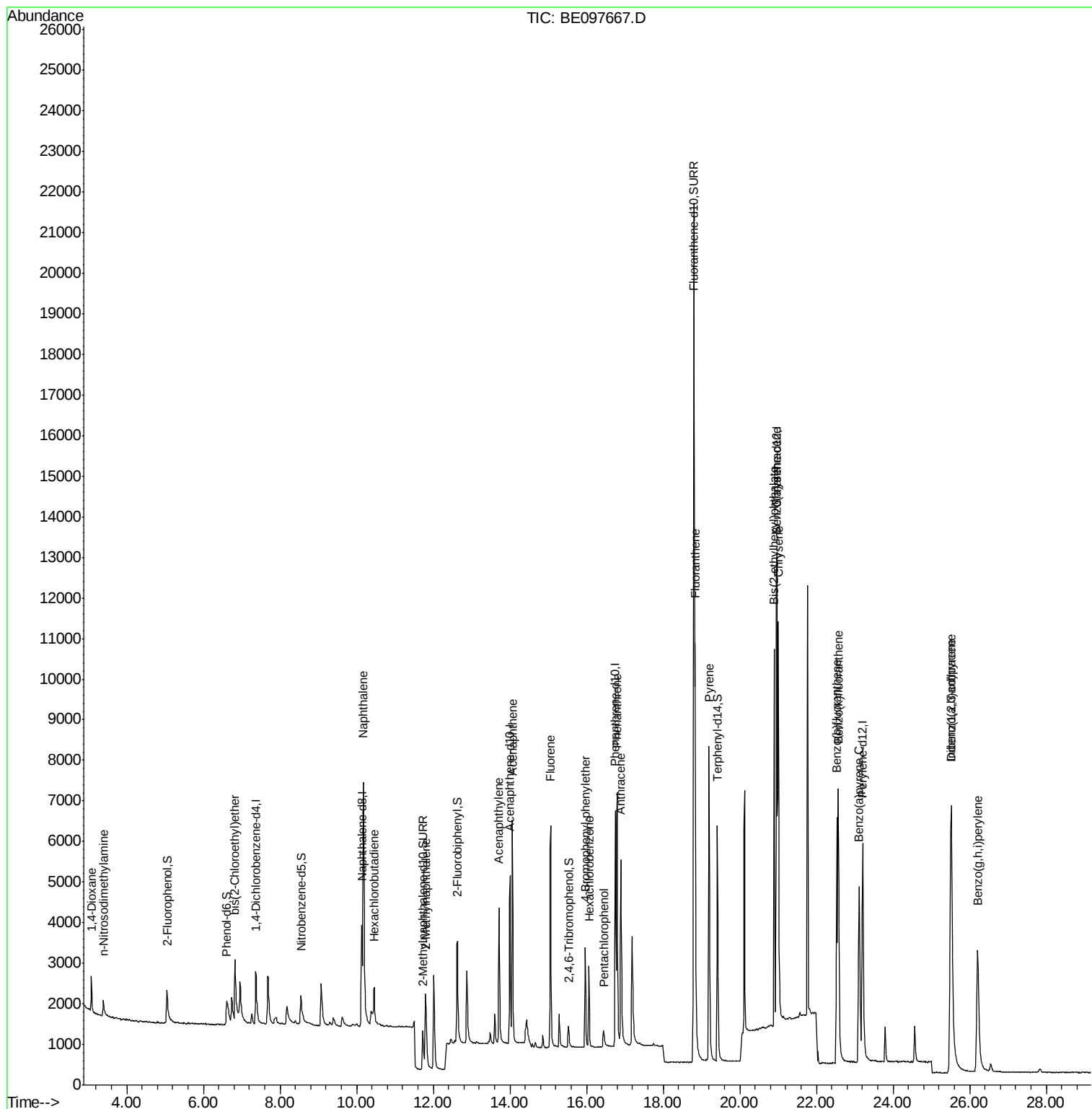
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	563	0.410	ng	# 82
3) n-Nitrosodimethylamine	3.38	42	360	0.402	ng	# 86
6) bis(2-Chloroethyl)ether	6.83	93	1048	0.423	ng	# 69
9) Naphthalene	10.17	128	14321	0.402	ng	99
10) Hexachlorobutadiene	10.46	225	619	0.382	ng	99
12) 2-Methylnaphthalene	11.80	142	2328	0.413	ng	99
16) Acenaphthylene	13.71	152	4269	0.386	ng	100
17) Acenaphthene	14.06	154	2875	0.398	ng	95
18) Fluorene	15.06	166	3983	0.392	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1504	0.395	ng	# 85
21) Hexachlorobenzene	16.07	284	1720	0.391	ng	# 83
22) Pentachlorophenol	16.45	266	388	0.453	ng	# 80
23) Phenanthrene	16.80	178	7930	0.390	ng	99
24) Anthracene	16.89	178	6531	0.386	ng	95
26) Fluoranthene	18.83	202	9232	0.378	ng	99
28) Pyrene	19.20	202	9396	0.404	ng	100
30) Benzo(a)anthracene	20.96	228	8026	0.381	ng	97
31) Chrysene	21.00	228	9936	0.403	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	10640	0.442	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	11352	0.437	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	8270	0.364	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	10913	0.406	ng	95
37) Benzo(a)pyrene	23.11	252	8690	0.387	ng	# 95
38) Dibenzo(a,h)anthracene	25.52	278	9253	0.392	ng	# 96
39) Benzo(g,h,i)perylene	26.21	276	8975	0.382	ng	# 90

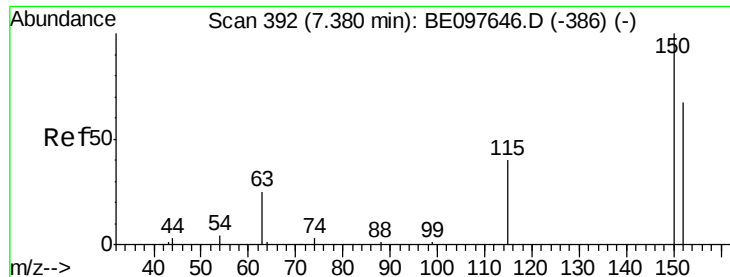
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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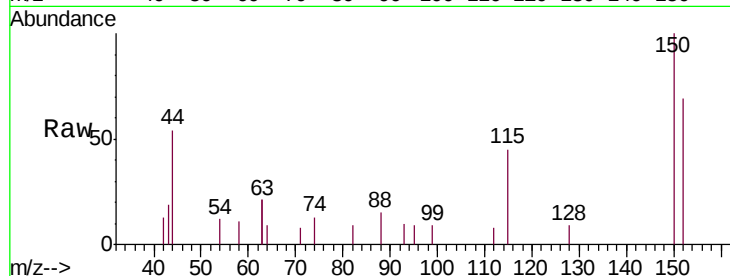


#1

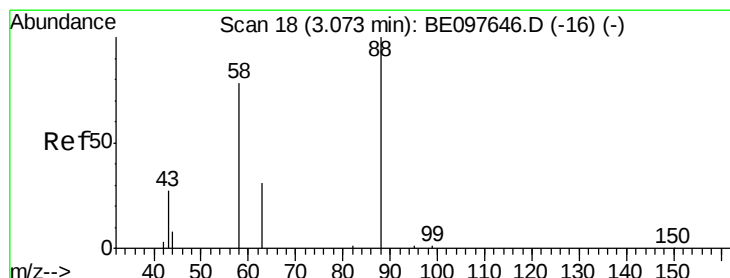
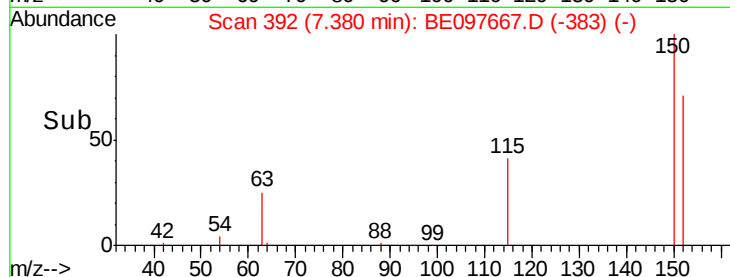
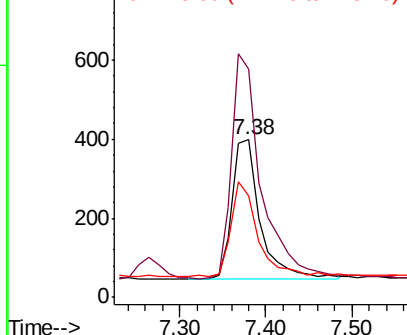
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 800
Ion Ratio Lower Upper
152 100
150 145.0 117.2 175.8
115 64.8 57.0 85.6



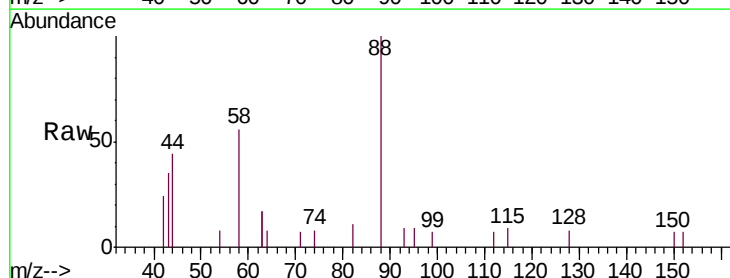
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



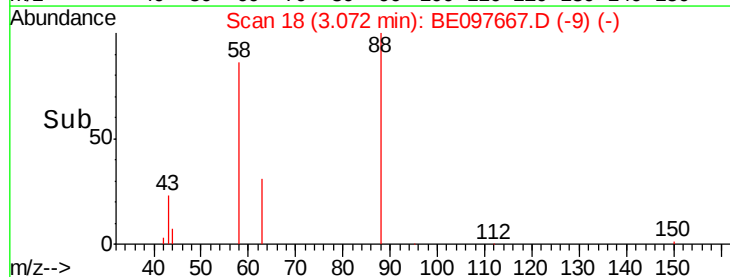
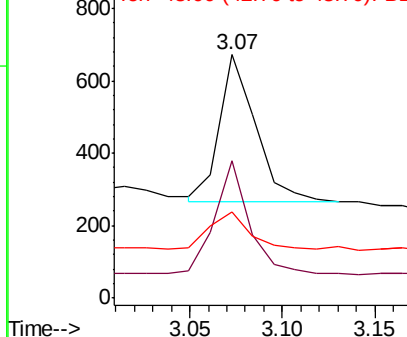
#2

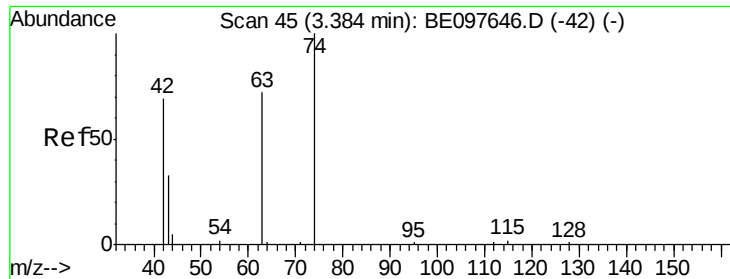
1,4-Dioxane
Concen: 0.410 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
58 72.6 63.2 94.8
43 26.6 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: 0.402 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

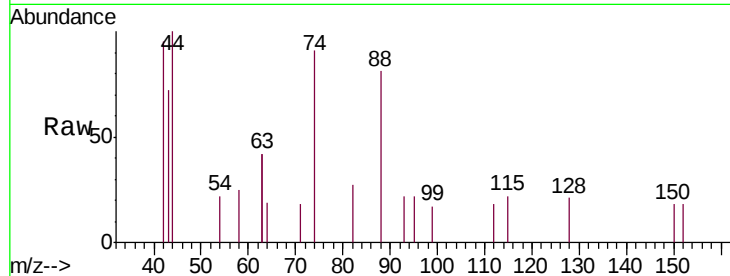
Tgt Ion: 42 Resp: 360

Ion Ratio Lower Upper

42 100

74 131.4 96.0 144.0

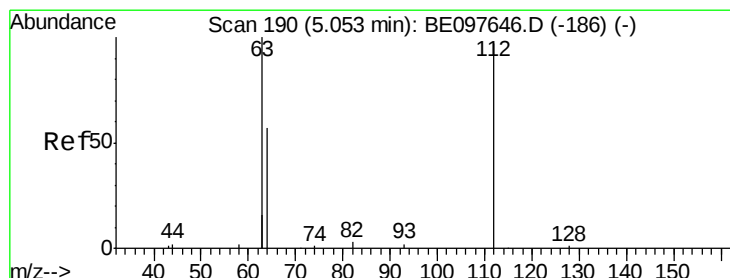
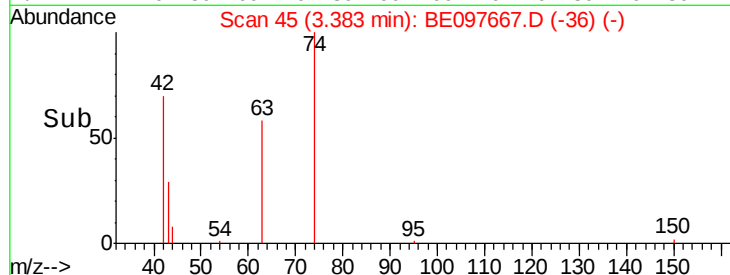
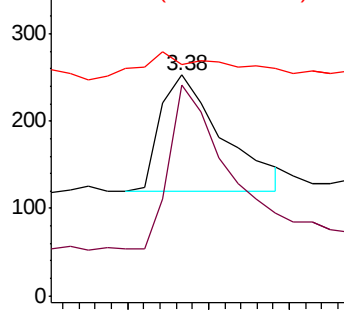
44 32.5 12.0 18.0#



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



#4

2-Fluorophenol

Concen: 0.387 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

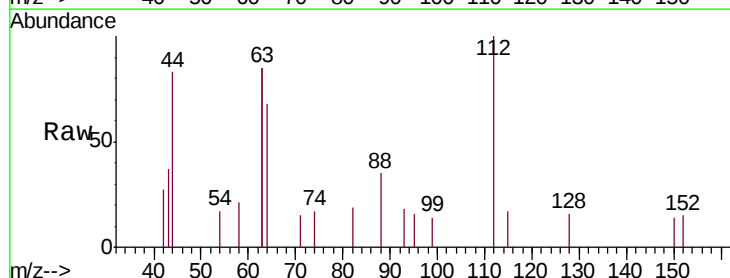
Tgt Ion: 112 Resp: 816

Ion Ratio Lower Upper

112 100

64 66.9 60.1 90.1

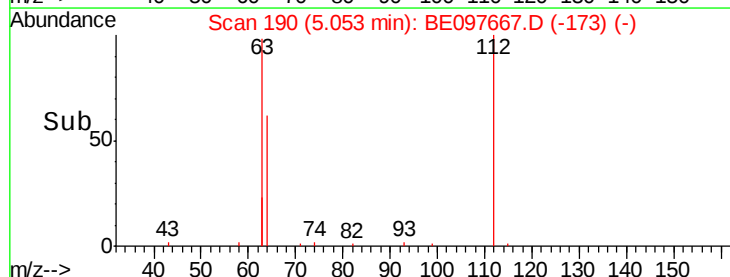
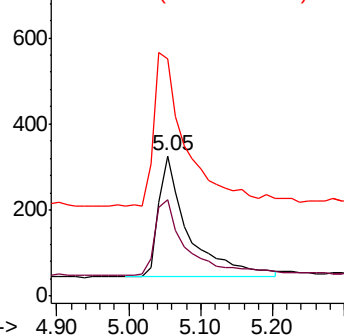
63 135.5 116.8 175.2

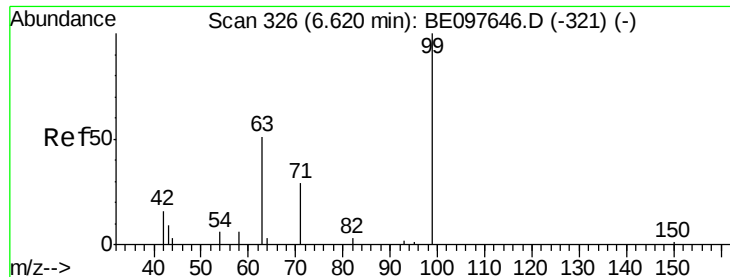


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.335 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.01 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

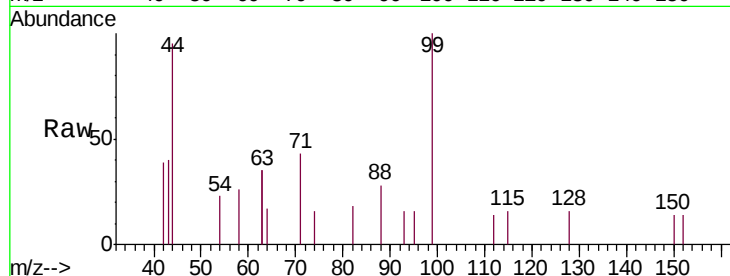
Tgt Ion: 99 Resp: 996

Ion Ratio Lower Upper

99 100

42 20.3 20.2 30.2

71 33.0 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

6.61

400

300

200

100

0

6.50

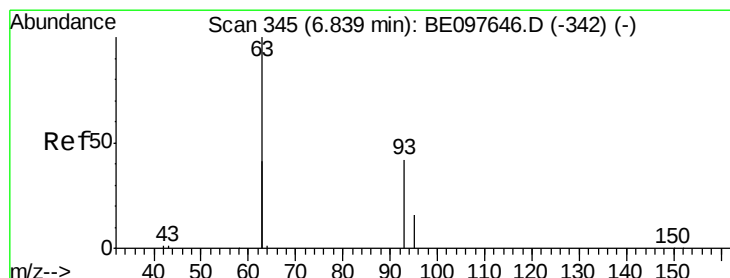
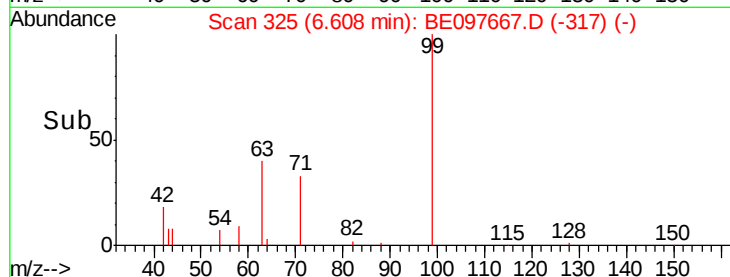
6.55

6.60

6.65

6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

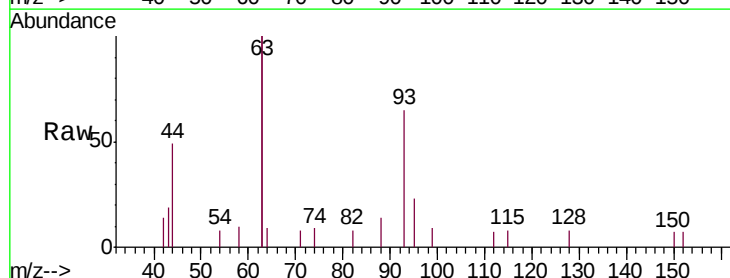
Tgt Ion: 93 Resp: 1048

Ion Ratio Lower Upper

93 100

63 272.1 275.3 412.9#

95 29.7 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

1500

1000

500

0

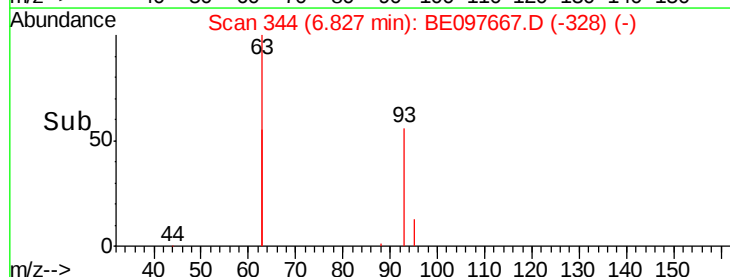
6.80

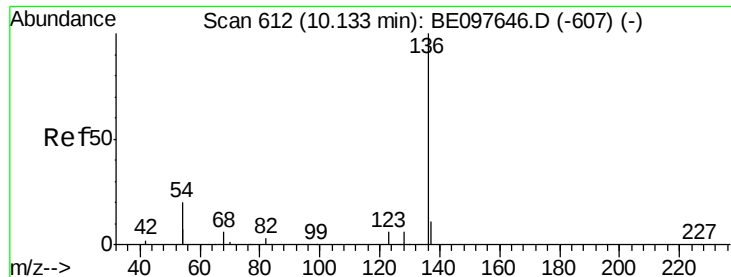
6.83

6.90

7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3915

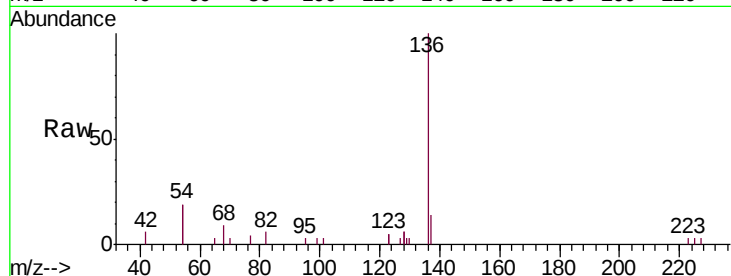
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 38.4 29.1 43.7

68 8.5 6.2 9.2

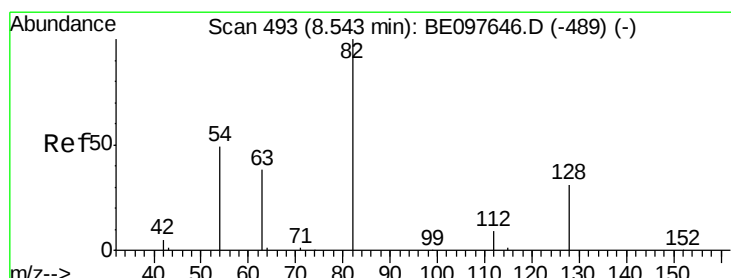
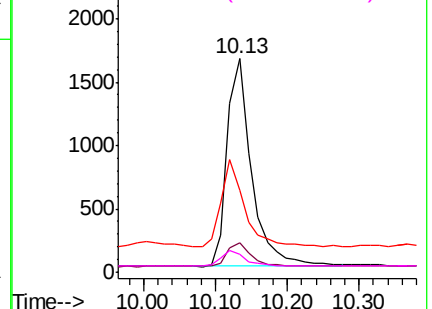
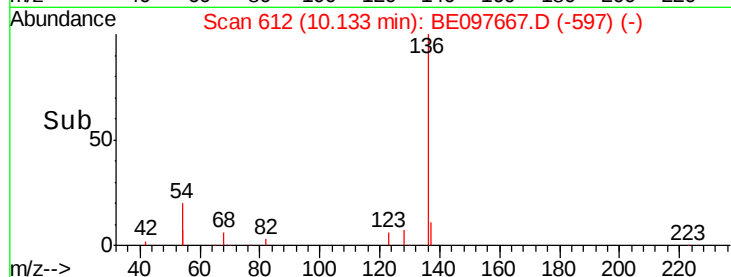


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.417 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

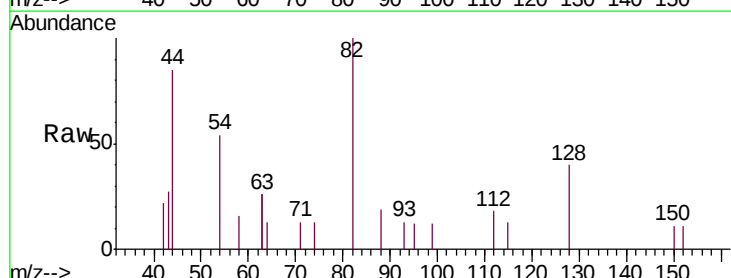
Tgt Ion: 82 Resp: 1005

Ion Ratio Lower Upper

82 100

128 40.5 24.0 36.0#

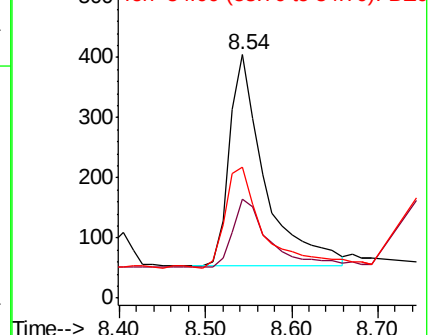
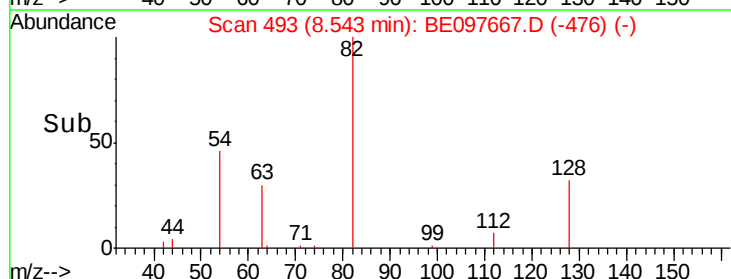
54 54.1 40.0 60.0

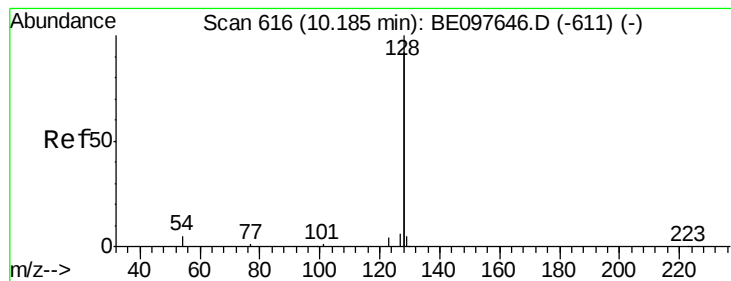


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.402 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

Lab File: BE097667.D

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ClientSampleId :

SSTDCCC0.4EC

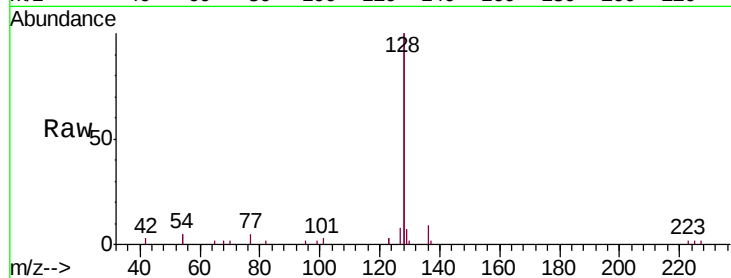
Tgt Ion:128 Resp: 14321

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

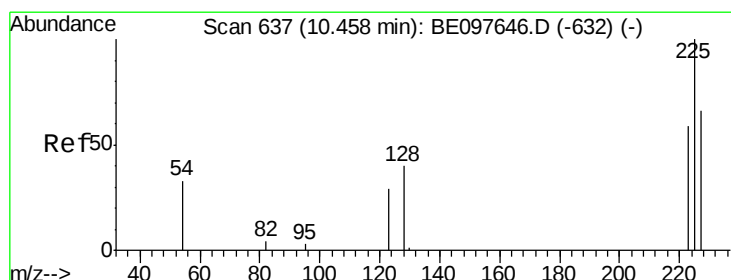
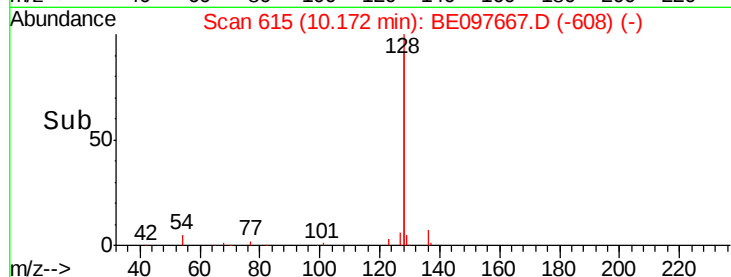
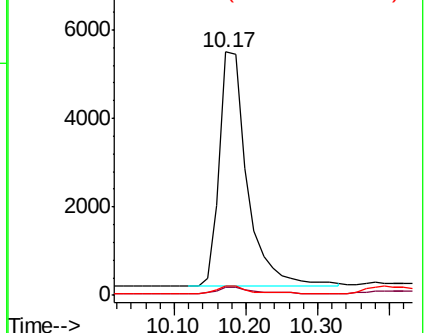
127 4.0 2.8 4.2



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: 0.382 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

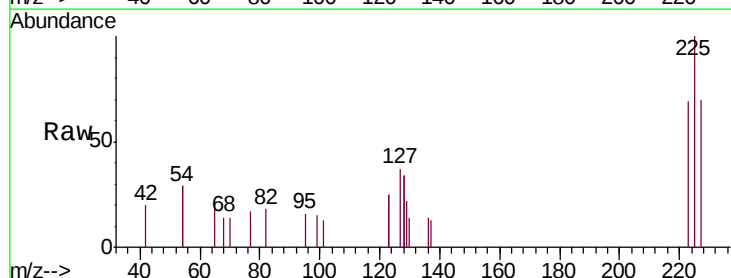
Tgt Ion:225 Resp: 619

Ion Ratio Lower Upper

225 100

223 66.9 53.0 79.6

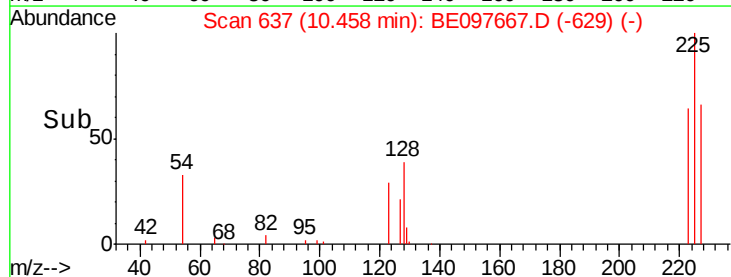
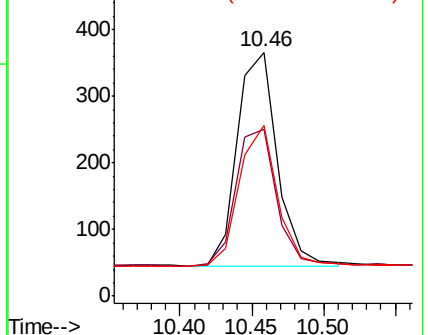
227 63.2 51.4 77.2

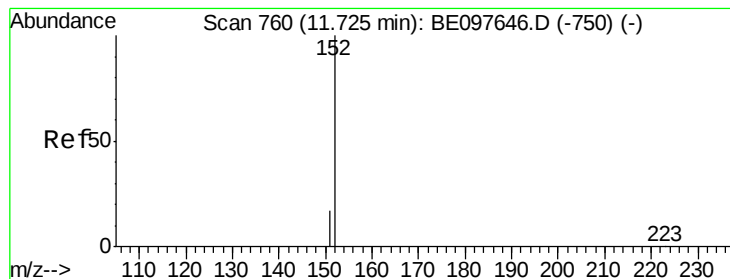


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

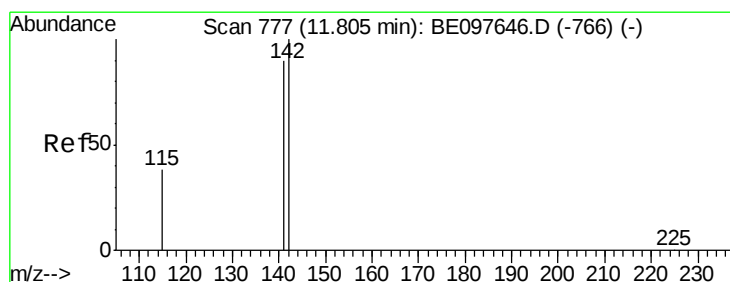
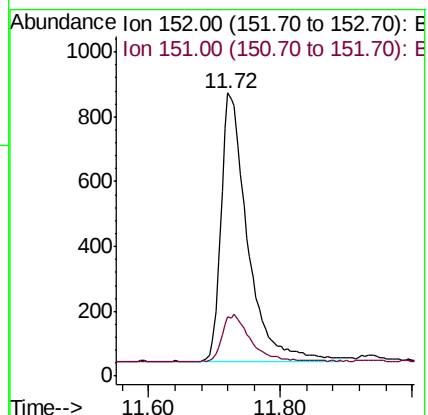
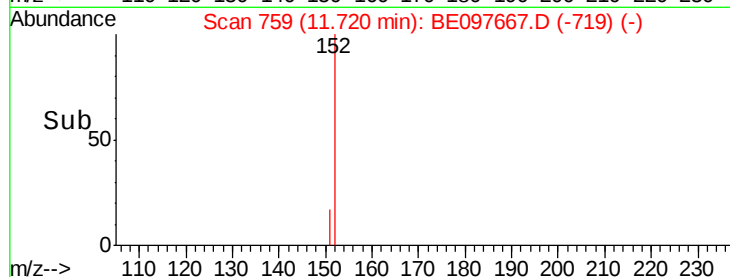
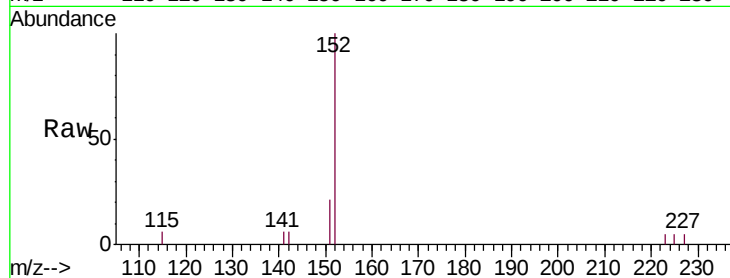
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2327

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.413 ng

RT: 11.80 min Scan# 775

Delta R.T. -0.01 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

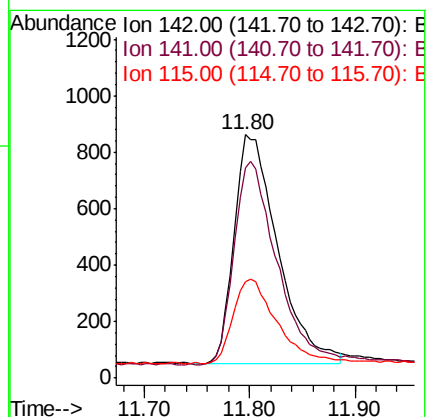
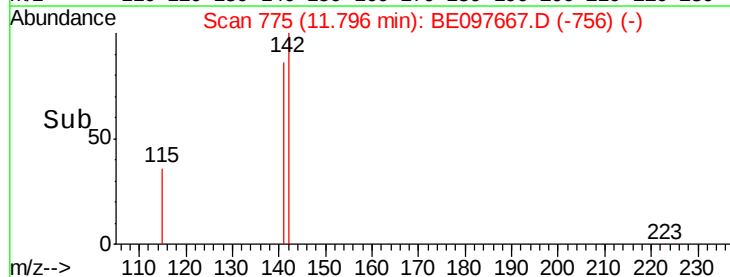
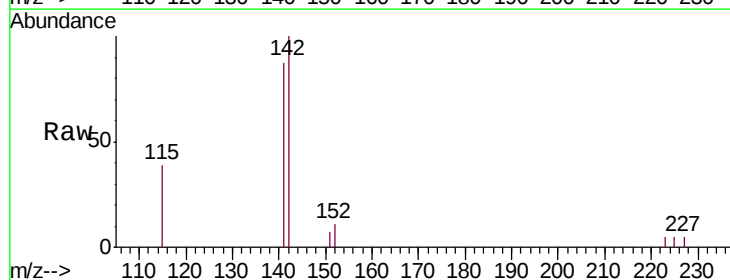
Tgt Ion:142 Resp: 2328

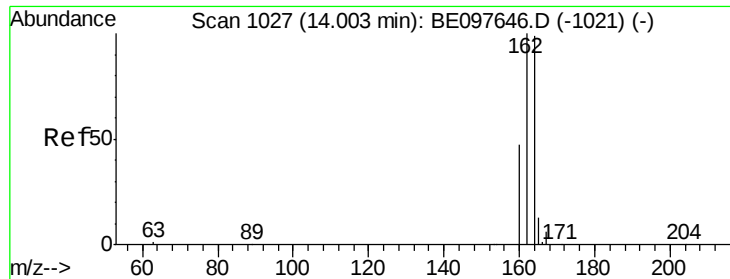
Ion Ratio Lower Upper

142 100

141 86.5 70.4 105.6

115 39.4 31.7 47.5

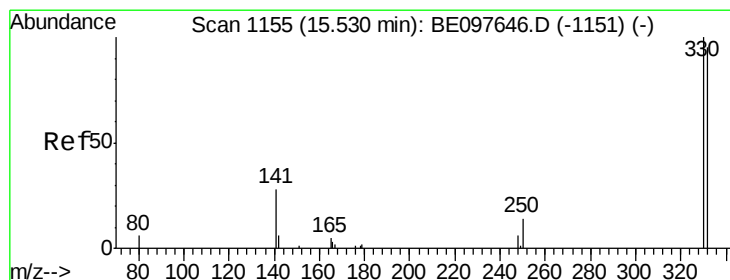
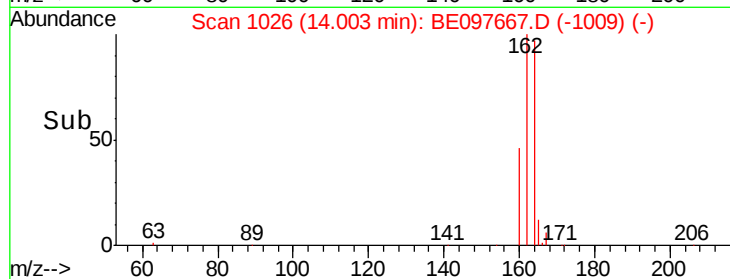
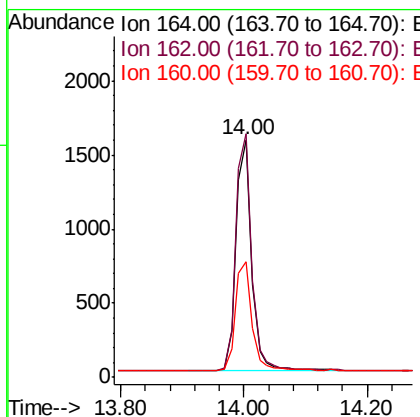
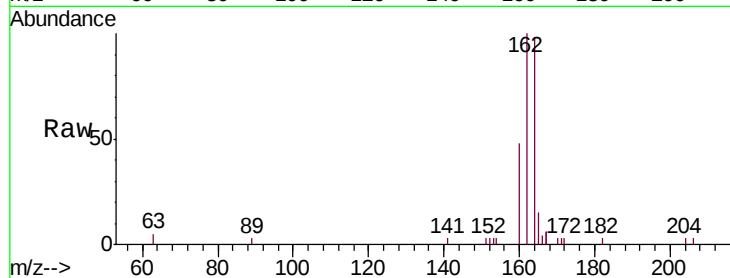




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

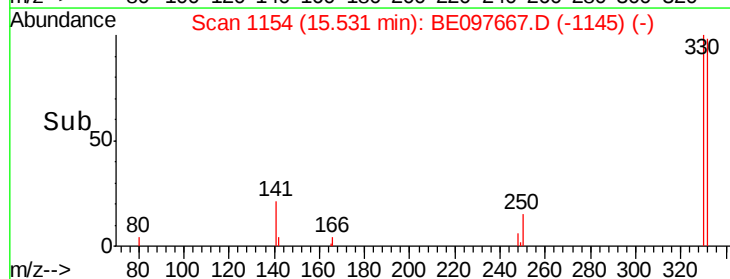
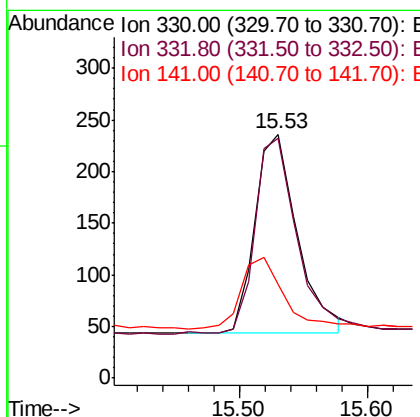
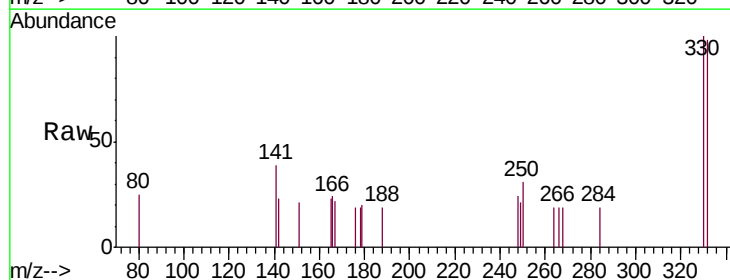
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

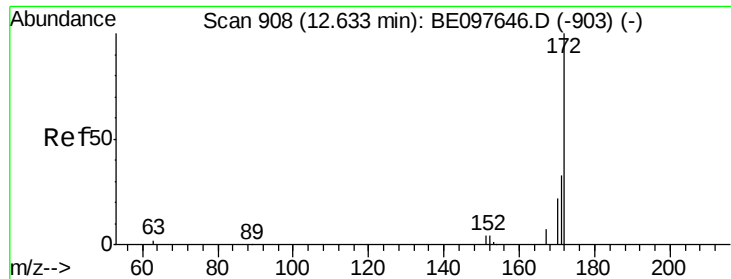
Tgt Ion:164 Resp: 2753
Ion Ratio Lower Upper
164 100
162 102.5 83.1 124.7
160 48.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:330 Resp: 445
Ion Ratio Lower Upper
330 100
332 98.0 152.7 229.1#
141 37.5 33.7 50.5

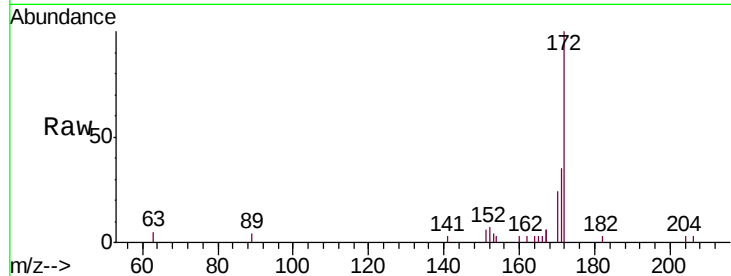




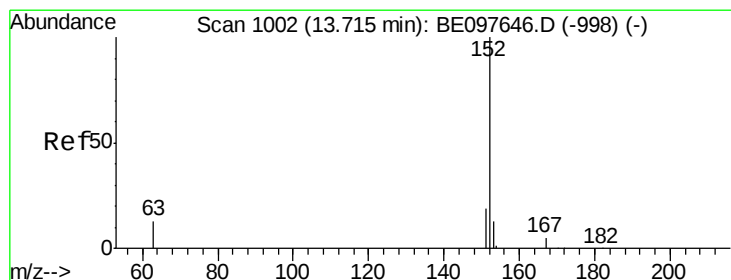
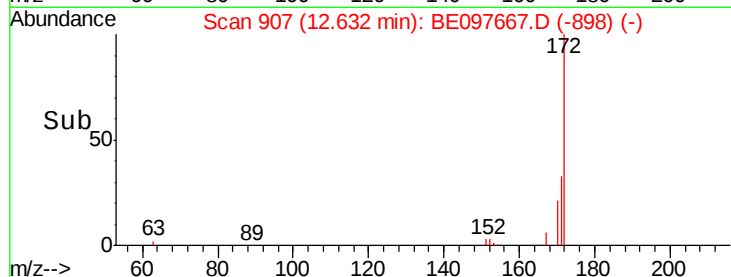
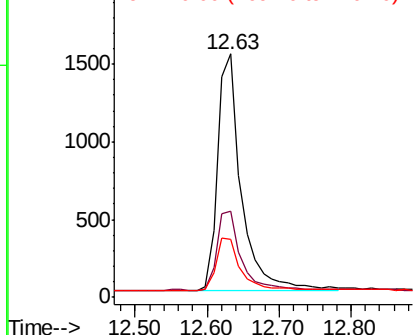
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 3475
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 23.7 21.8 32.8

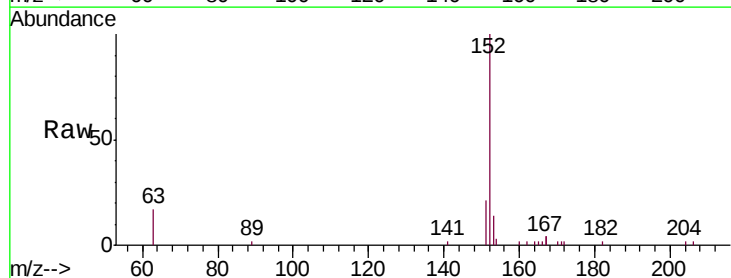


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

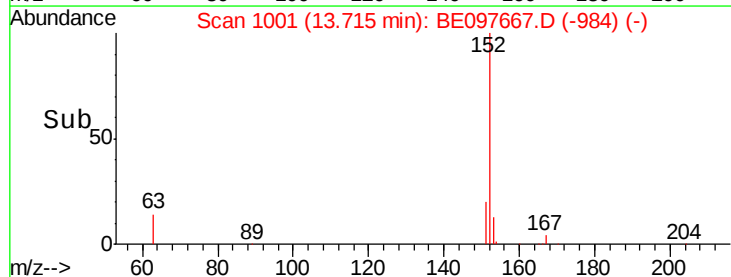
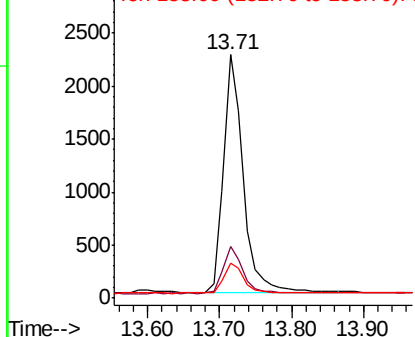


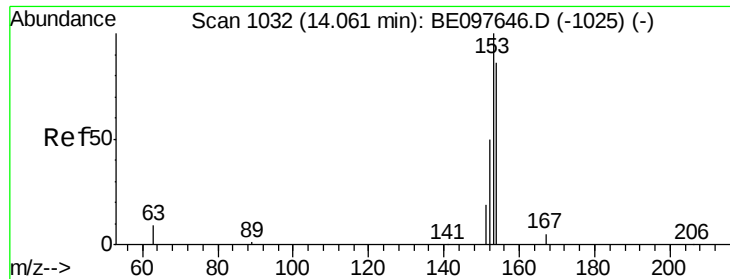
#16
Acenaphthylene
Concen: 0.386 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:152 Resp: 4269
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 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

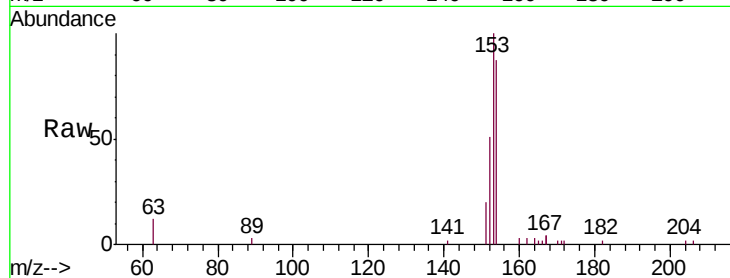




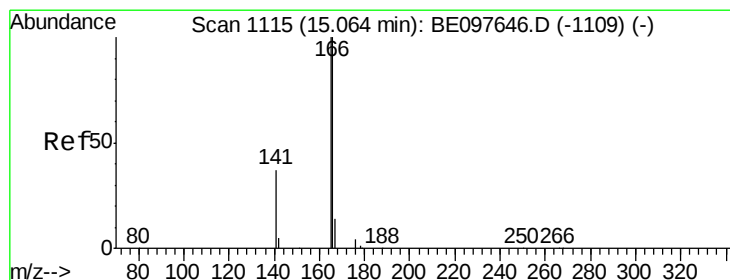
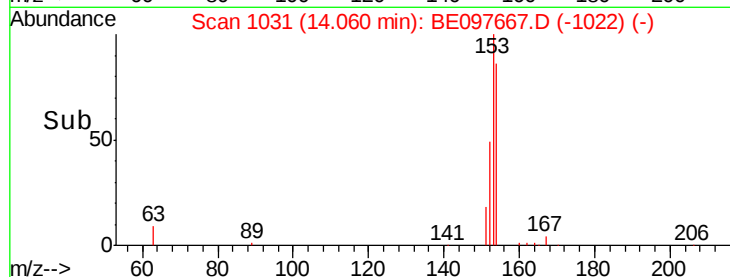
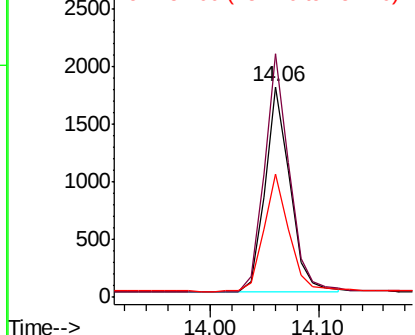
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2875
Ion Ratio Lower Upper
154 100
153 115.4 89.2 133.8
152 57.7 42.0 63.0

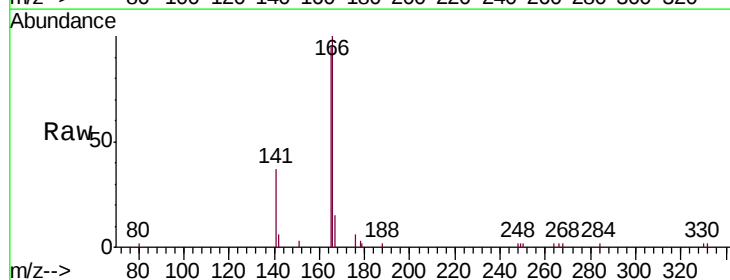


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

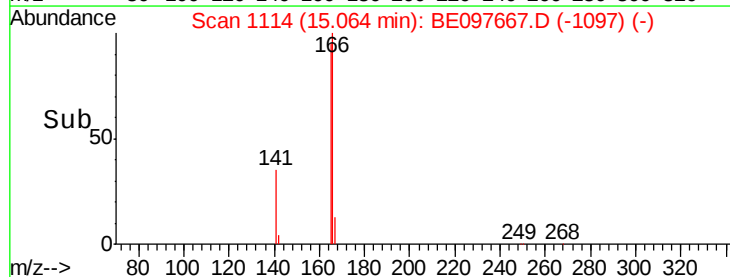
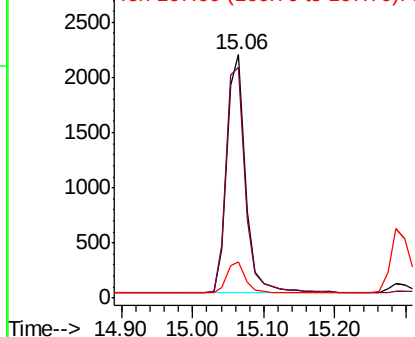


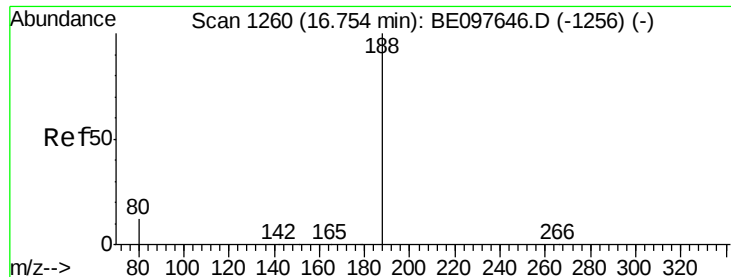
#18
Fluorene
Concen: 0.392 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion:166 Resp: 3983
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.6
167 13.1 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: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

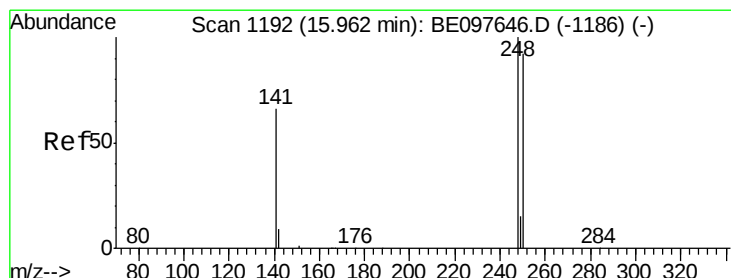
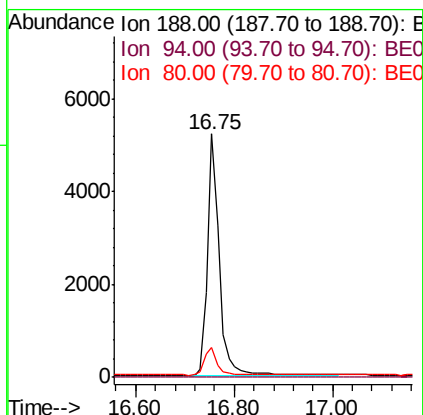
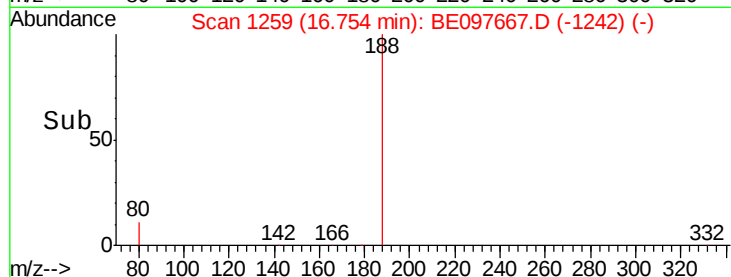
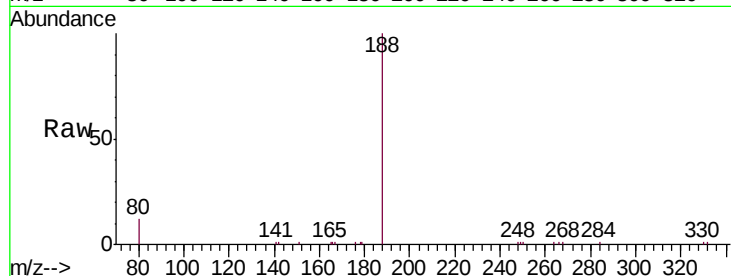
Tgt Ion:188 Resp: 8600

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.395 ng

RT: 15.96 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

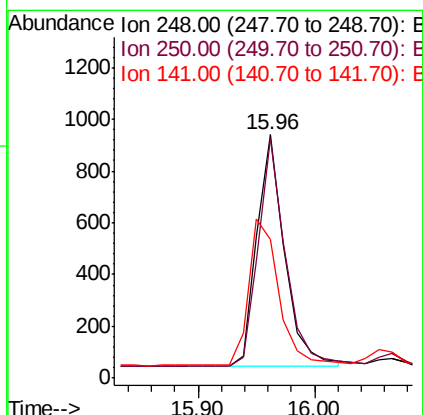
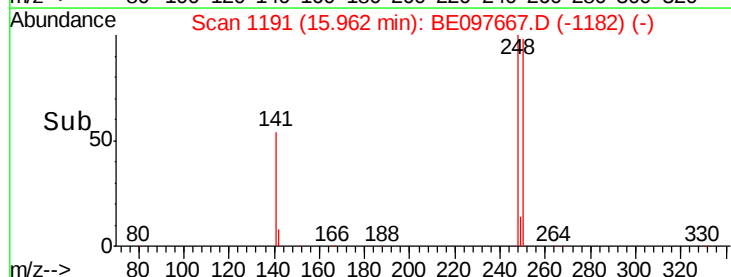
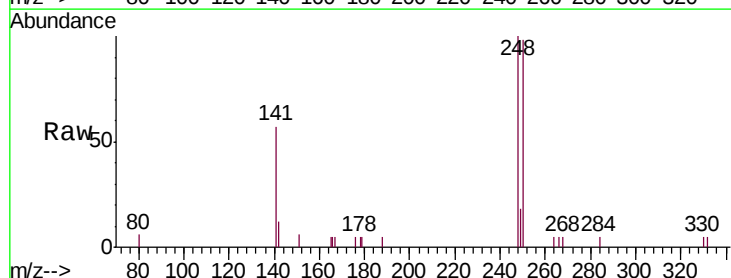
Tgt Ion:248 Resp: 1504

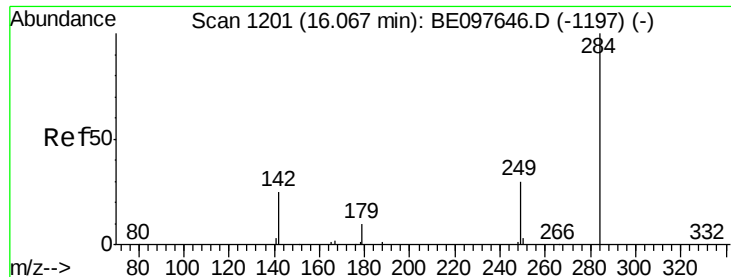
Ion Ratio Lower Upper

248 100

250 98.3 62.7 94.1#

141 57.0 48.2 72.2

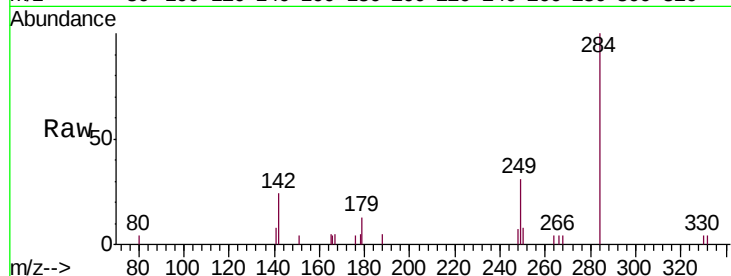




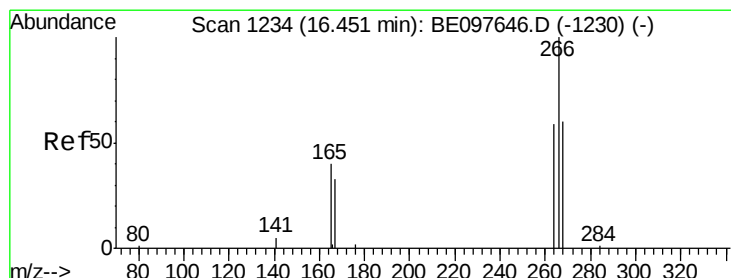
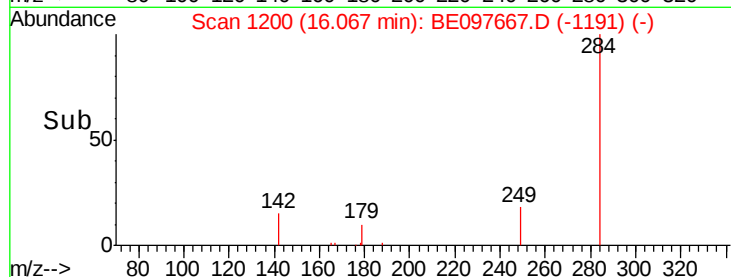
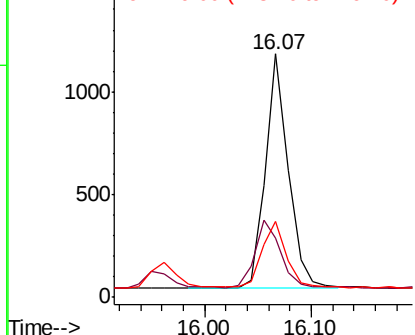
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 284 Resp: 1720
Ion Ratio Lower Upper
284 100
142 31.8 22.1 33.1
249 29.0 34.8 52.2#

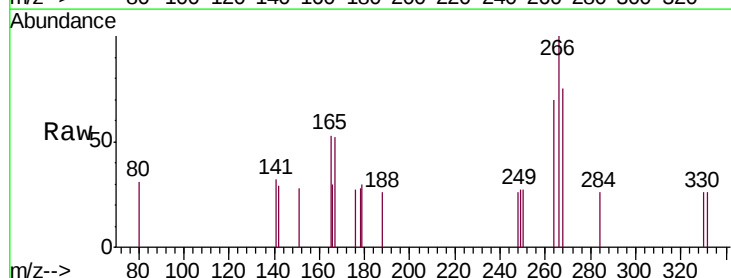


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

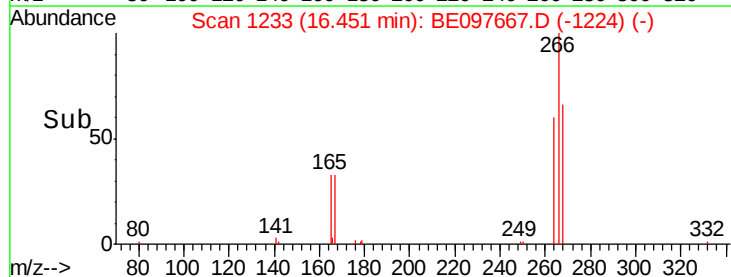
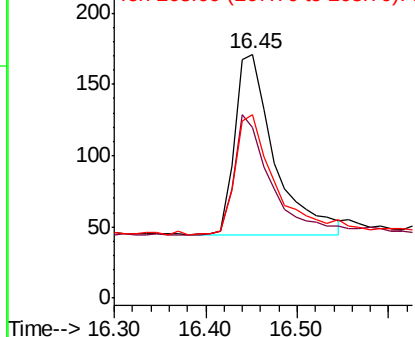


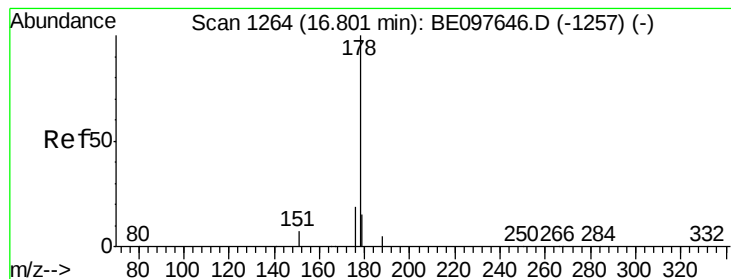
#22
Pentachlorophenol
Concen: 0.453 ng
RT: 16.45 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097667.D
Acq: 25 Sep 2018 20:58

Tgt Ion: 266 Resp: 388
Ion Ratio Lower Upper
266 100
264 70.2 72.5 108.7#
268 75.4 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: 0.390 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

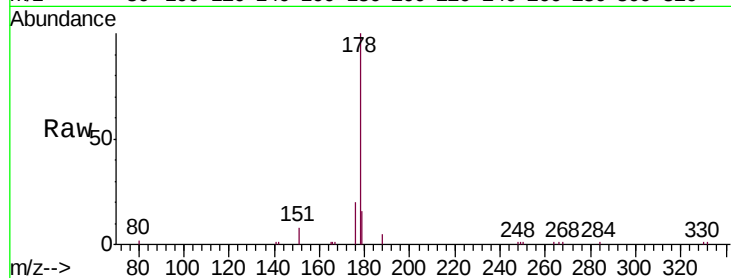
Tgt Ion:178 Resp: 7930

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

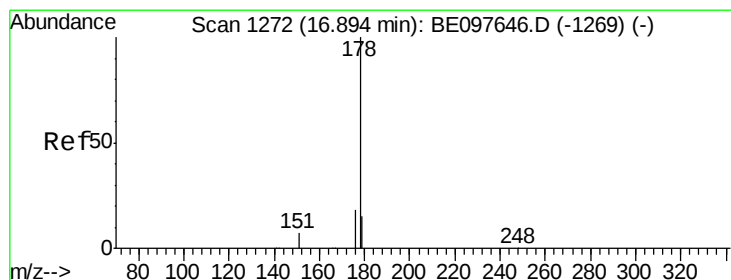
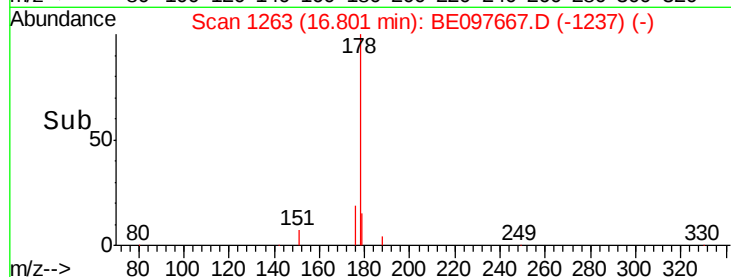
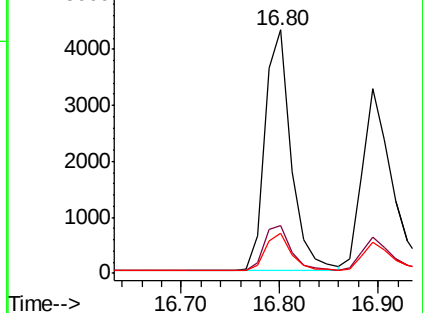
179 15.4 11.8 17.6



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: 0.386 ng

RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

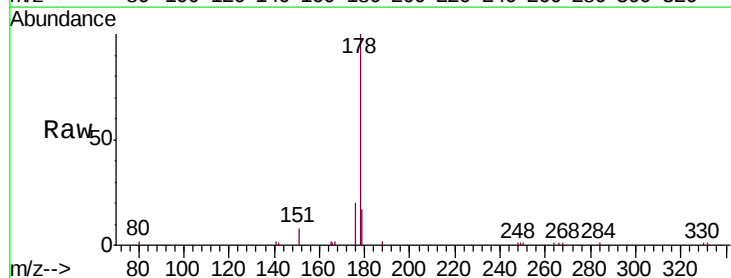
Tgt Ion:178 Resp: 6531

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

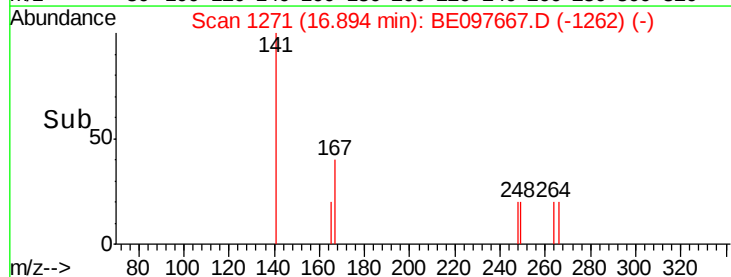
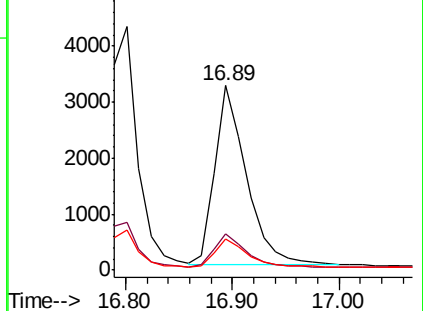
179 15.0 13.0 19.6

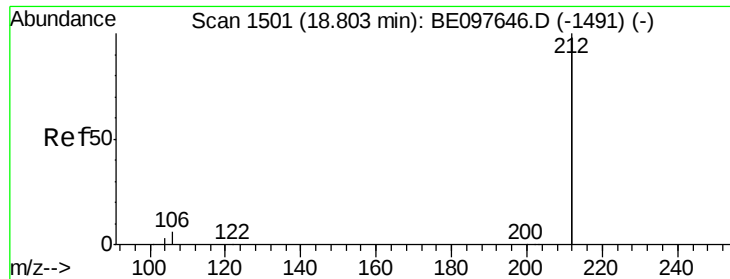


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

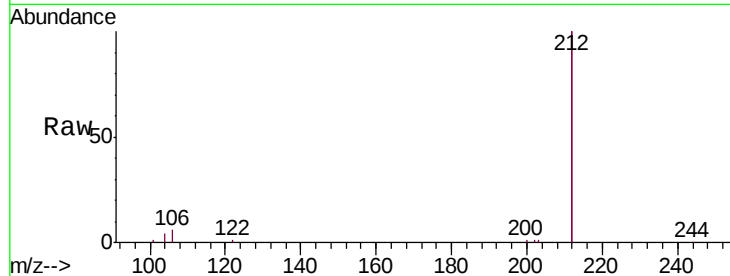
Tgt Ion:212 Resp: 35182

Ion Ratio Lower Upper

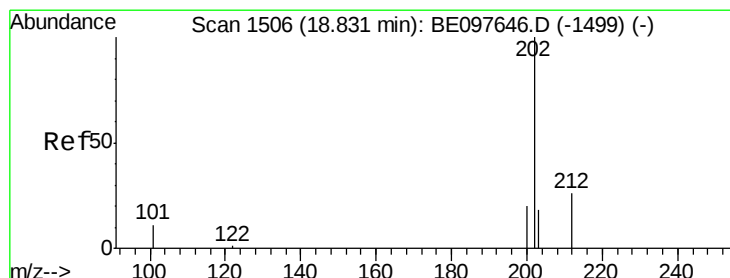
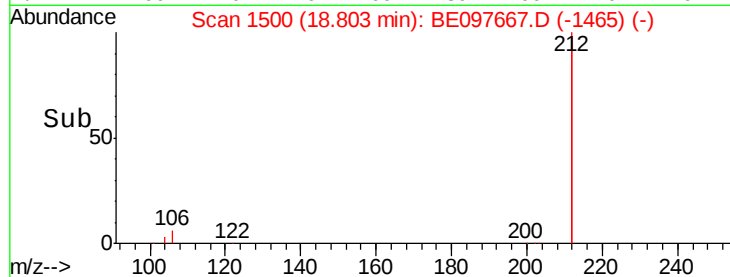
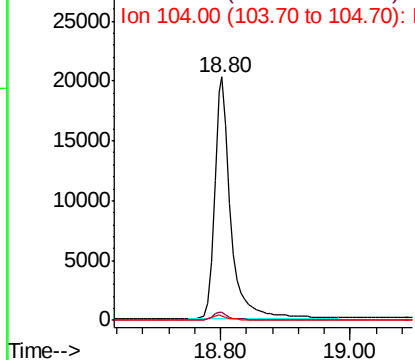
212 100

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: 0.378 ng

RT: 18.83 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

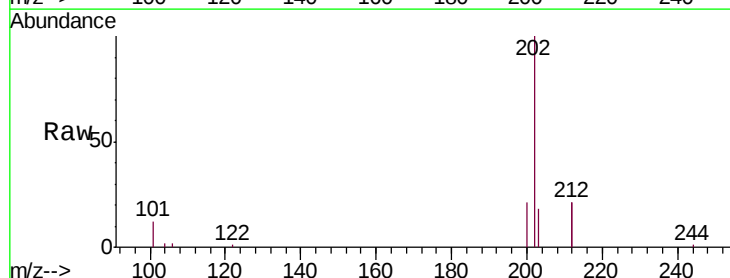
Tgt Ion:202 Resp: 9232

Ion Ratio Lower Upper

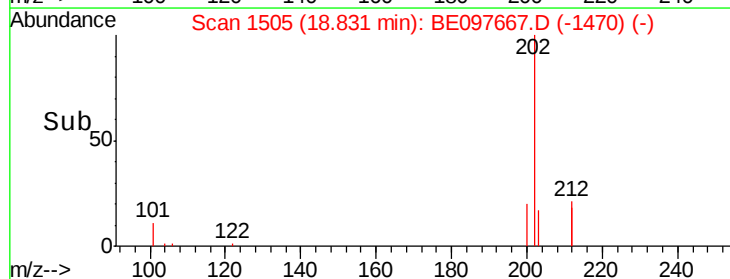
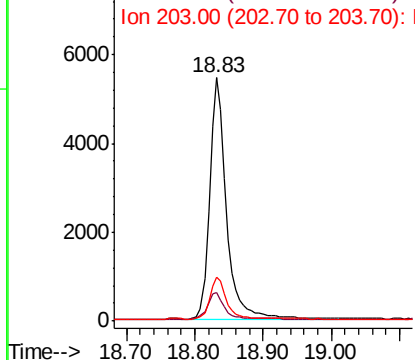
202 100

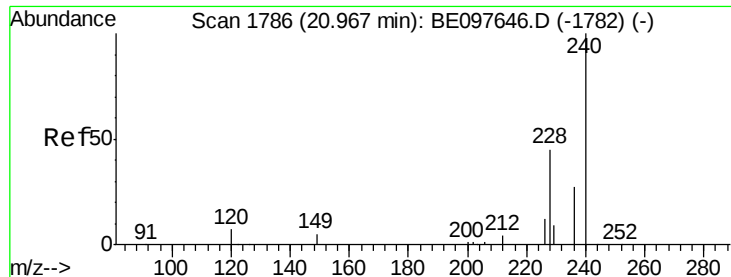
101 11.3 9.8 14.8

203 16.8 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# 1785

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

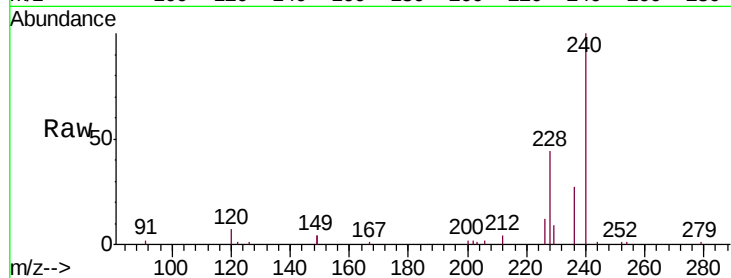
Tgt Ion:240 Resp: 8912

Ion Ratio Lower Upper

240 100

120 7.4 5.5 8.3

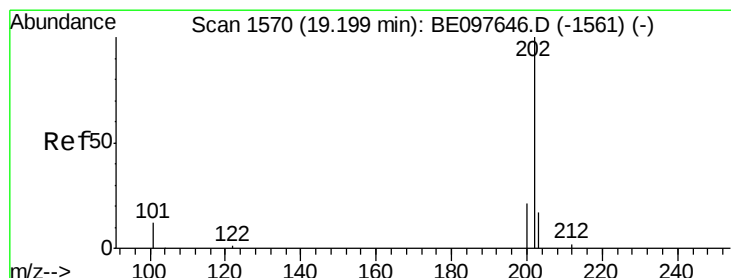
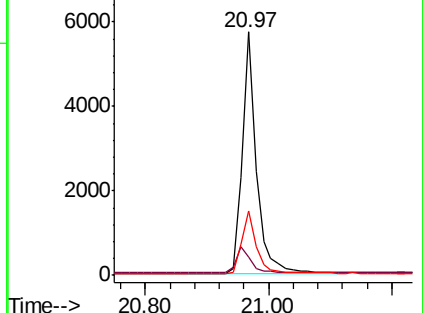
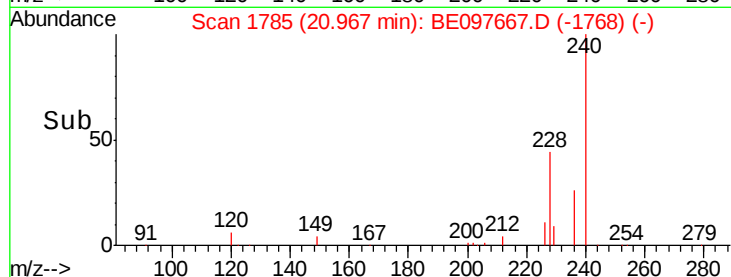
236 26.7 20.7 31.1



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: 0.404 ng

RT: 19.20 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

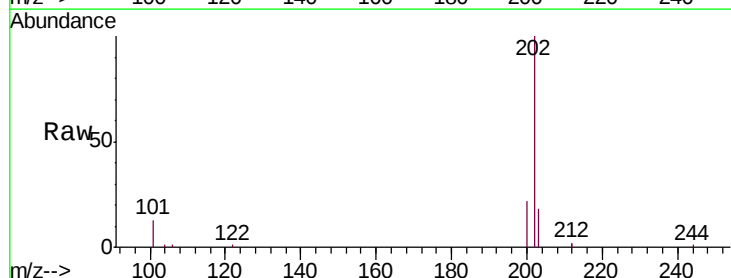
Tgt Ion:202 Resp: 9396

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

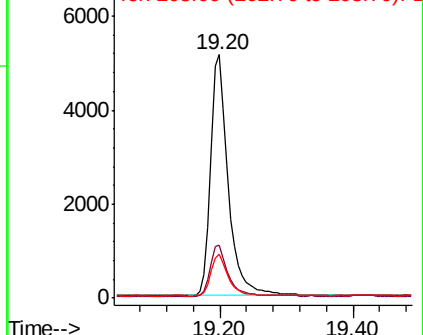
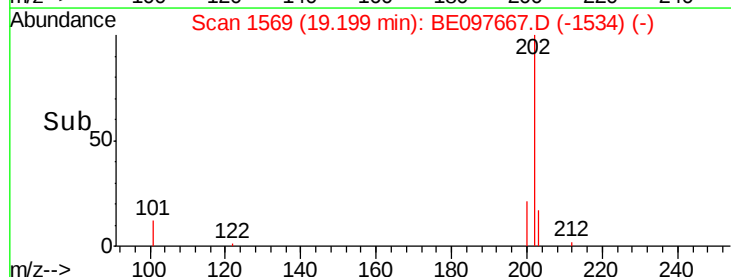
203 17.1 13.8 20.8

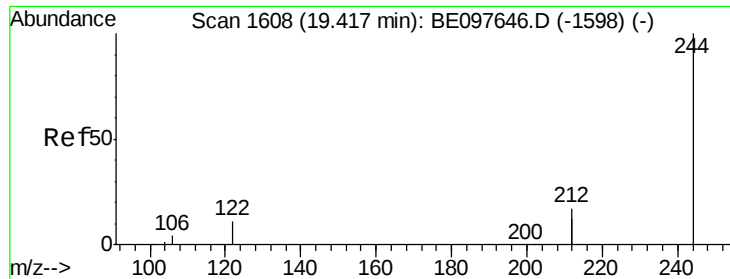


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.42 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

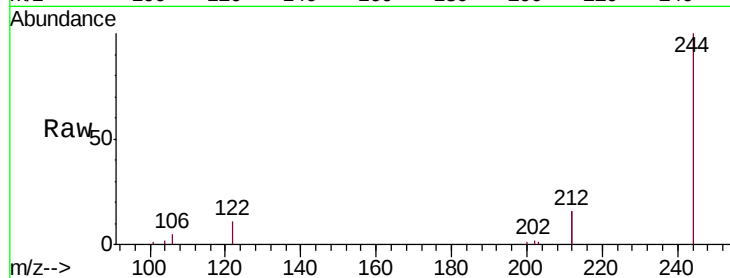
Tgt Ion:244 Resp: 6867

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

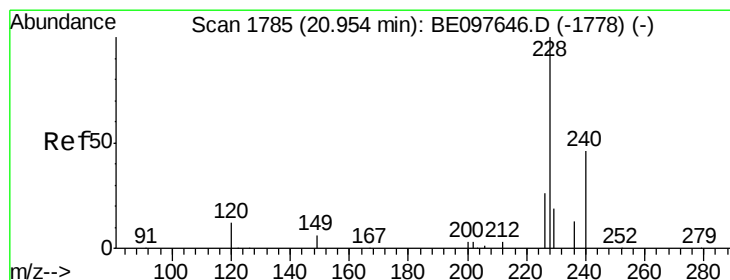
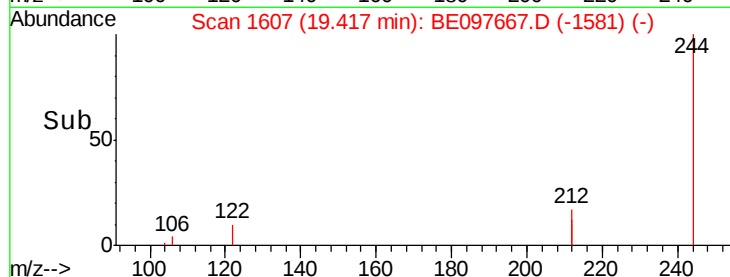
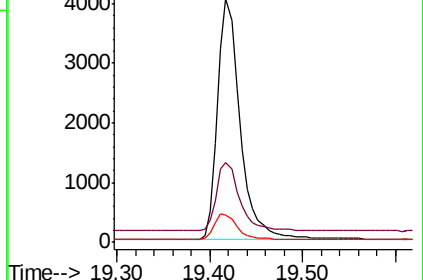
122 11.1 8.1 12.1



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: 0.381 ng

RT: 20.96 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

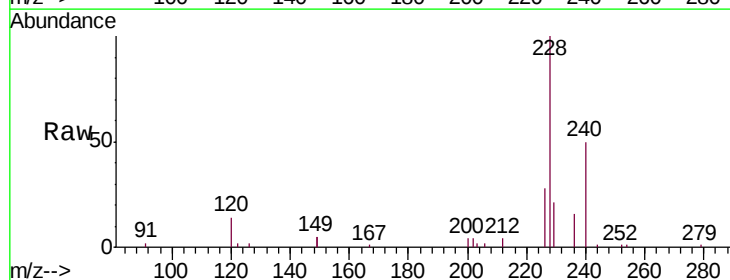
Tgt Ion:228 Resp: 8026

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

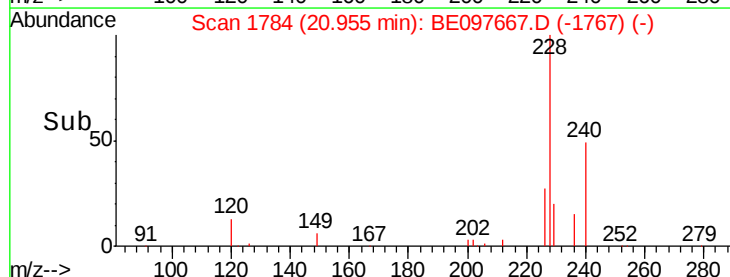
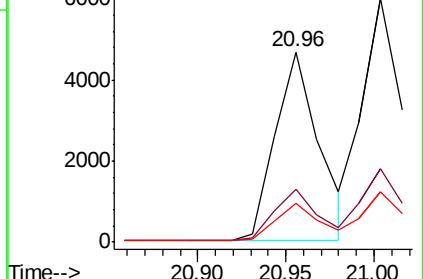
229 20.6 16.0 24.0

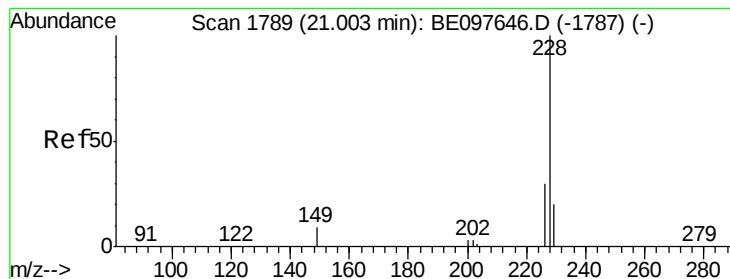


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

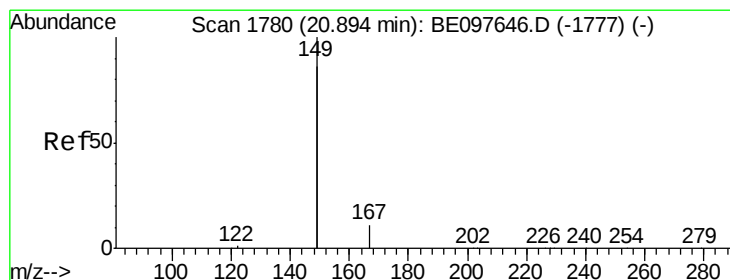
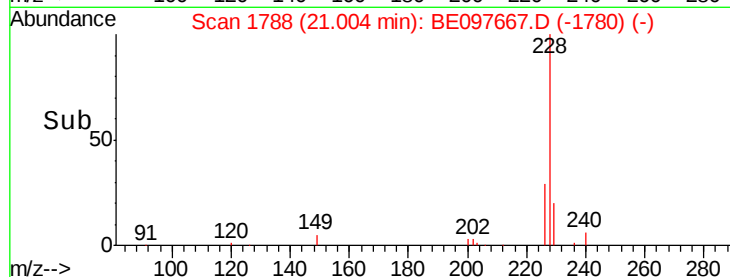
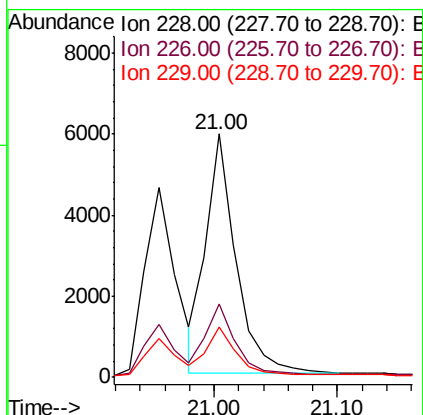
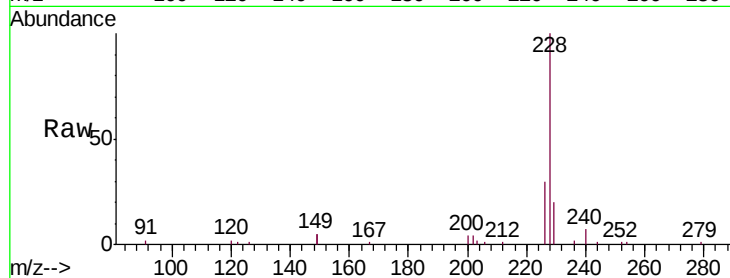




#31
 Chrysene
 Concen: 0.403 ng
 RT: 21.00 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BE097667.D
 Acq: 25 Sep 2018 20:58

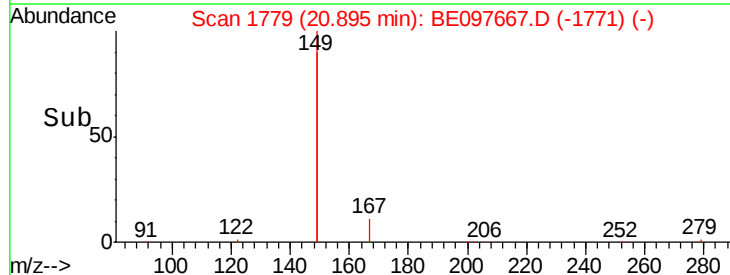
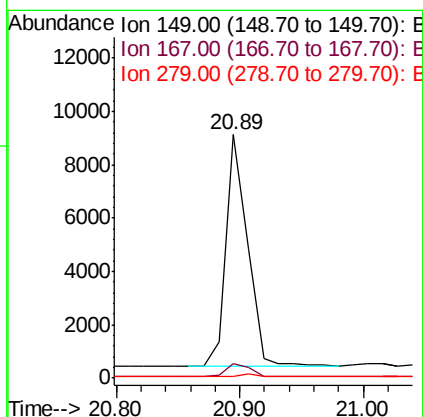
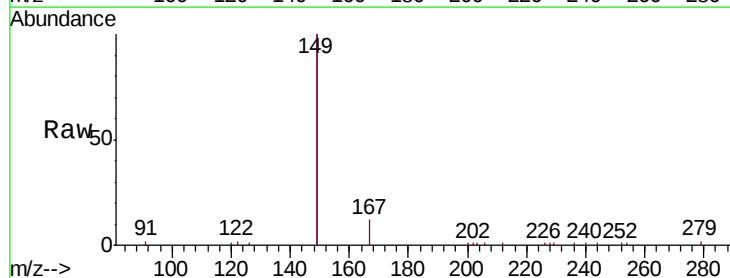
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

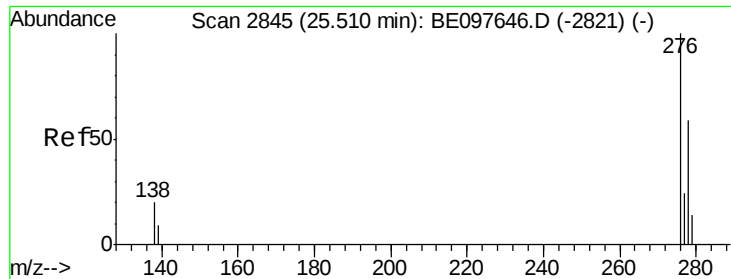
Tgt Ion: 228 Resp: 9936
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.0 36.0
 229 20.4 16.0 24.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.442 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BE097667.D
 Acq: 25 Sep 2018 20:58

Tgt Ion: 149 Resp: 10640
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.1 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng

RT: 25.51 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

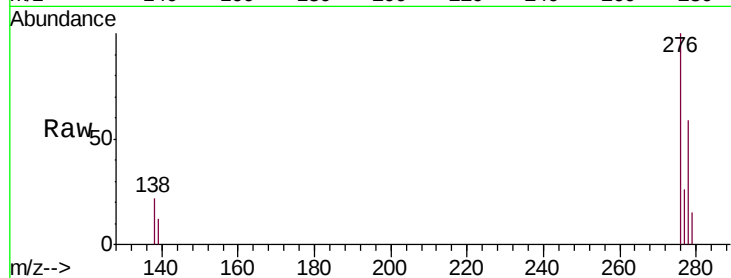
Tgt Ion:276 Resp: 11352

Ion Ratio Lower Upper

276 100

138 21.9 22.5 33.7#

277 24.9 19.9 29.9

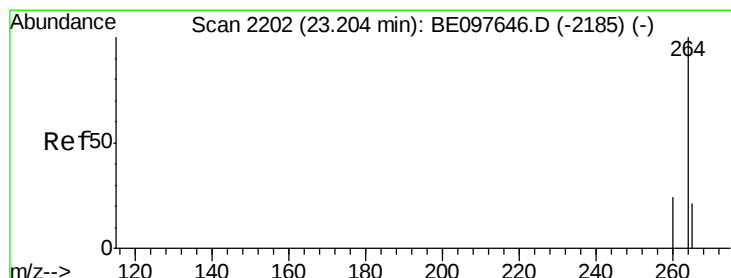
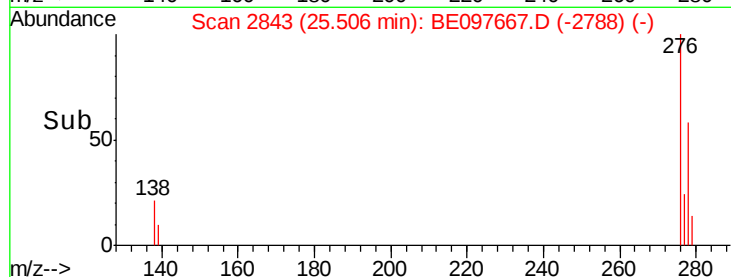
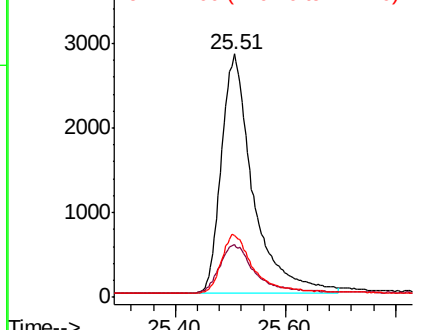


Abundance

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# 2202

Delta R.T. 0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

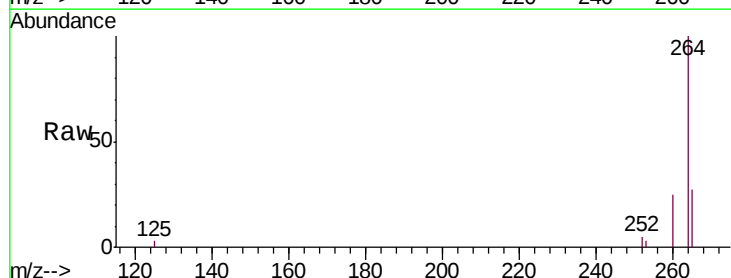
Tgt Ion:264 Resp: 8890

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 26.8 22.8 34.2

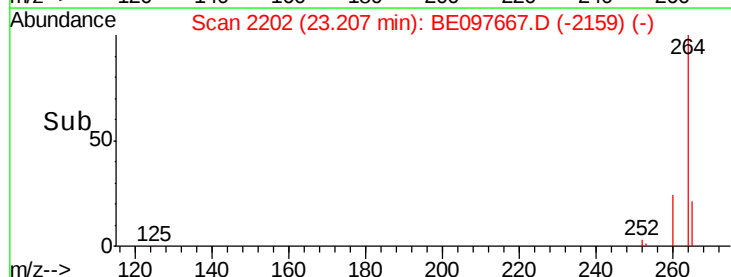
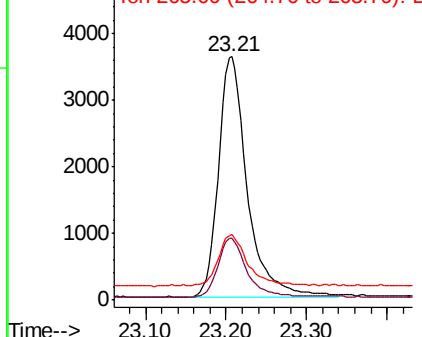


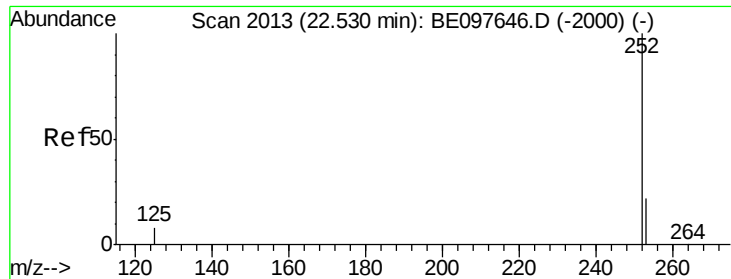
Abundance

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: 0.364 ng

RT: 22.53 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

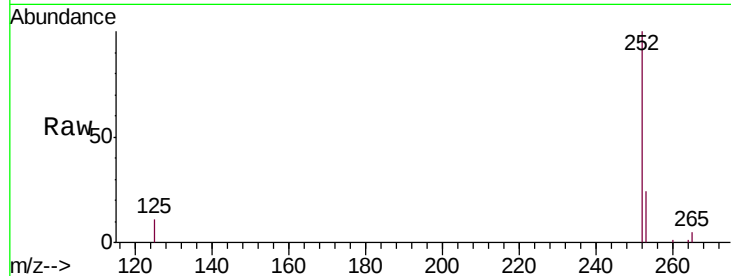
Tgt Ion:252 Resp: 8270

Ion Ratio Lower Upper

252 100

253 23.8 20.0 30.0

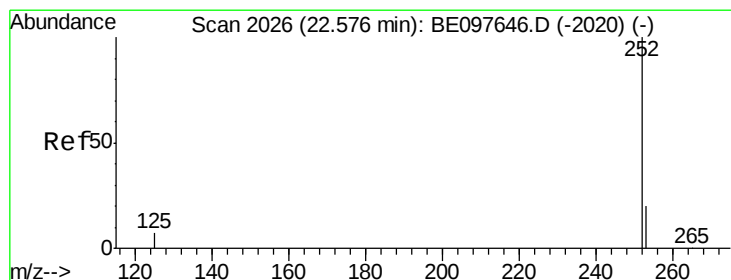
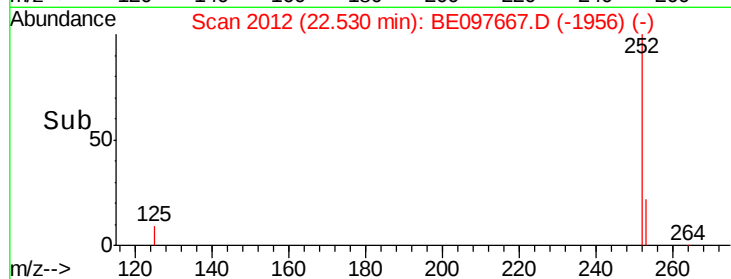
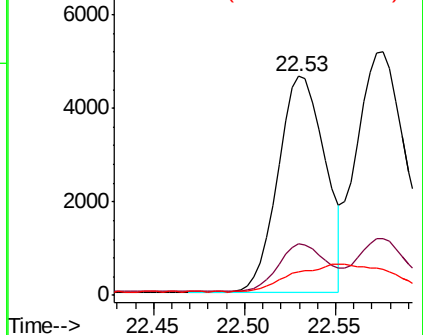
125 10.7 16.0 24.0#



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: 0.406 ng

RT: 22.58 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

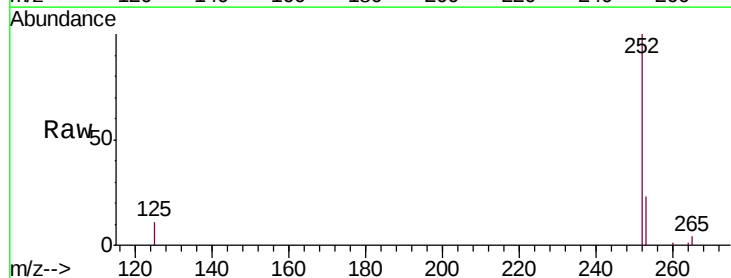
Tgt Ion:252 Resp: 10913

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

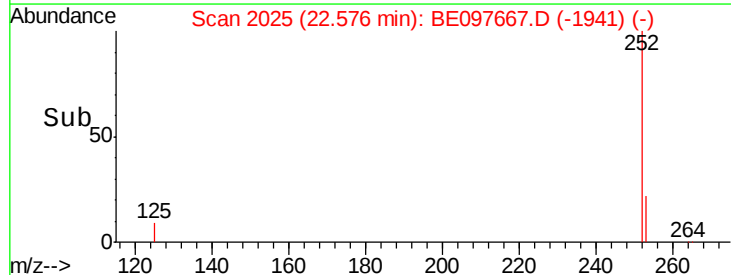
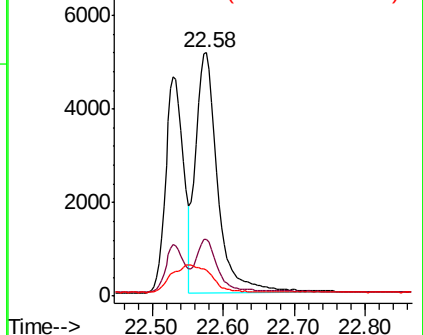
125 10.6 8.0 12.0

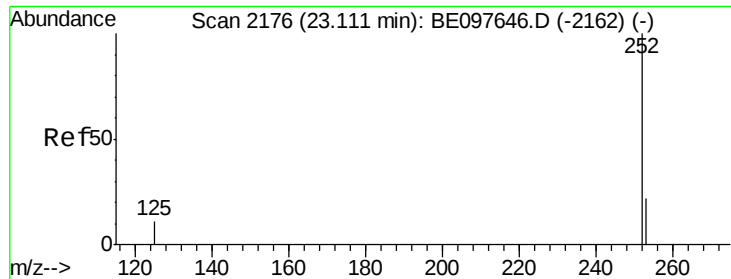


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.387 ng

RT: 23.11 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

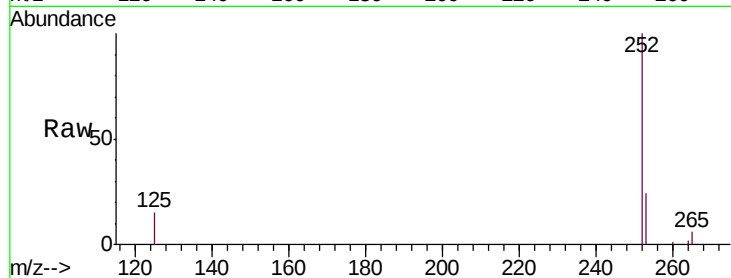
Tgt Ion:252 Resp: 8690

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

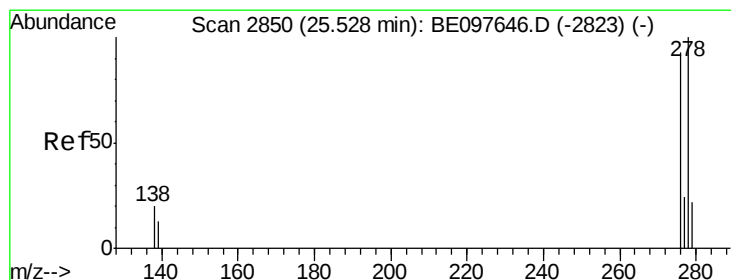
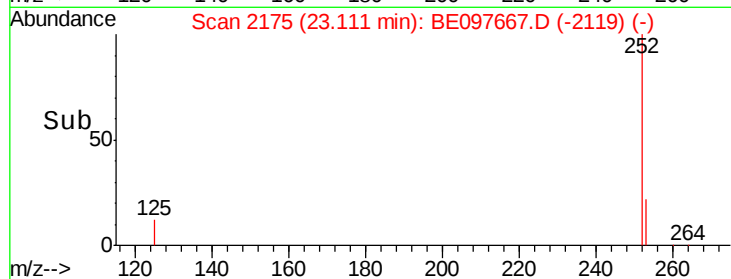
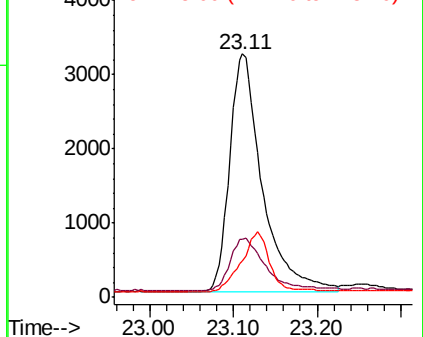
125 14.7 12.0 18.0



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: 0.392 ng

RT: 25.52 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BE097667.D

Acq: 25 Sep 2018 20:58

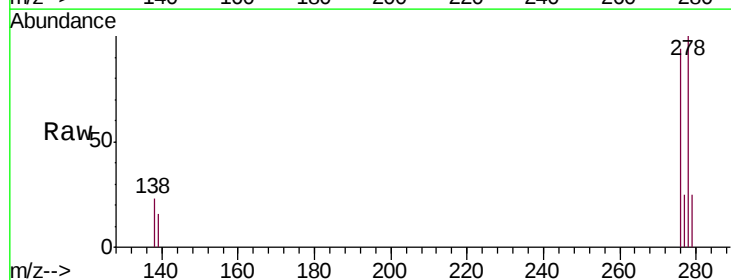
Tgt Ion:278 Resp: 9253

Ion Ratio Lower Upper

278 100

139 15.9 16.0 24.0#

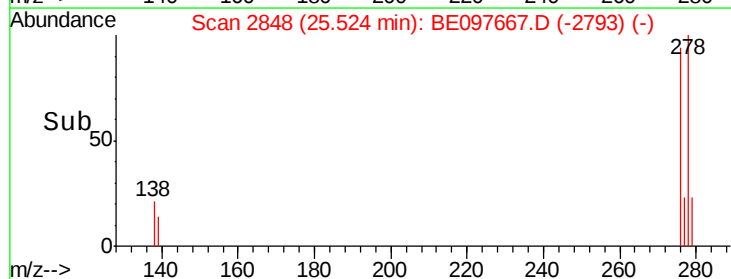
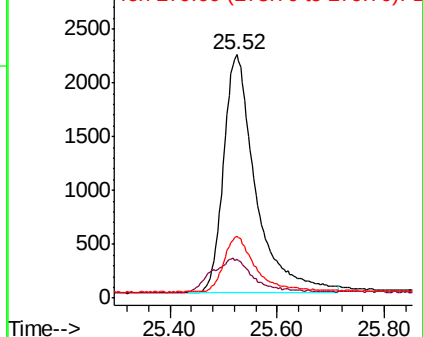
279 25.3 20.0 30.0

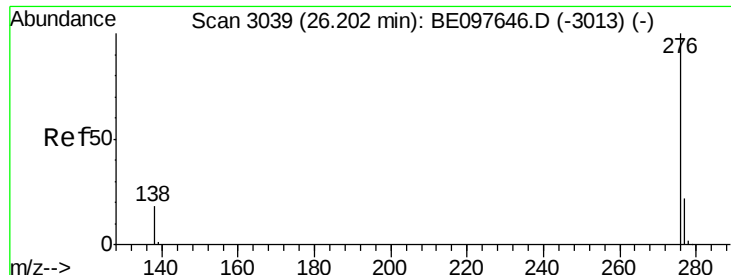


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.382 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE097667.D

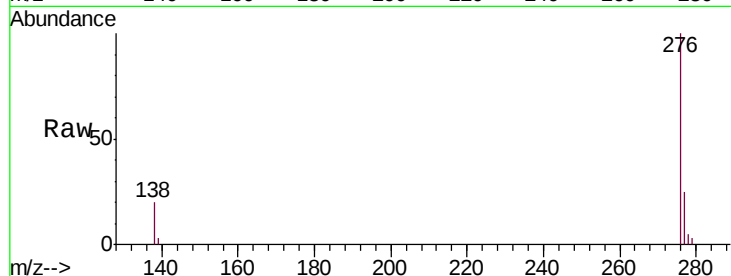
Acq: 25 Sep 2018 20:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 8975

Ion Ratio Lower Upper

276 100

277 24.6 16.0 24.0#

138 20.3 20.0 30.0

