

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097142.D
 Acq On : 1 Aug 2018 23:08
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:04:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 01 16:16:30 2018
 Response via : Initial Calibration

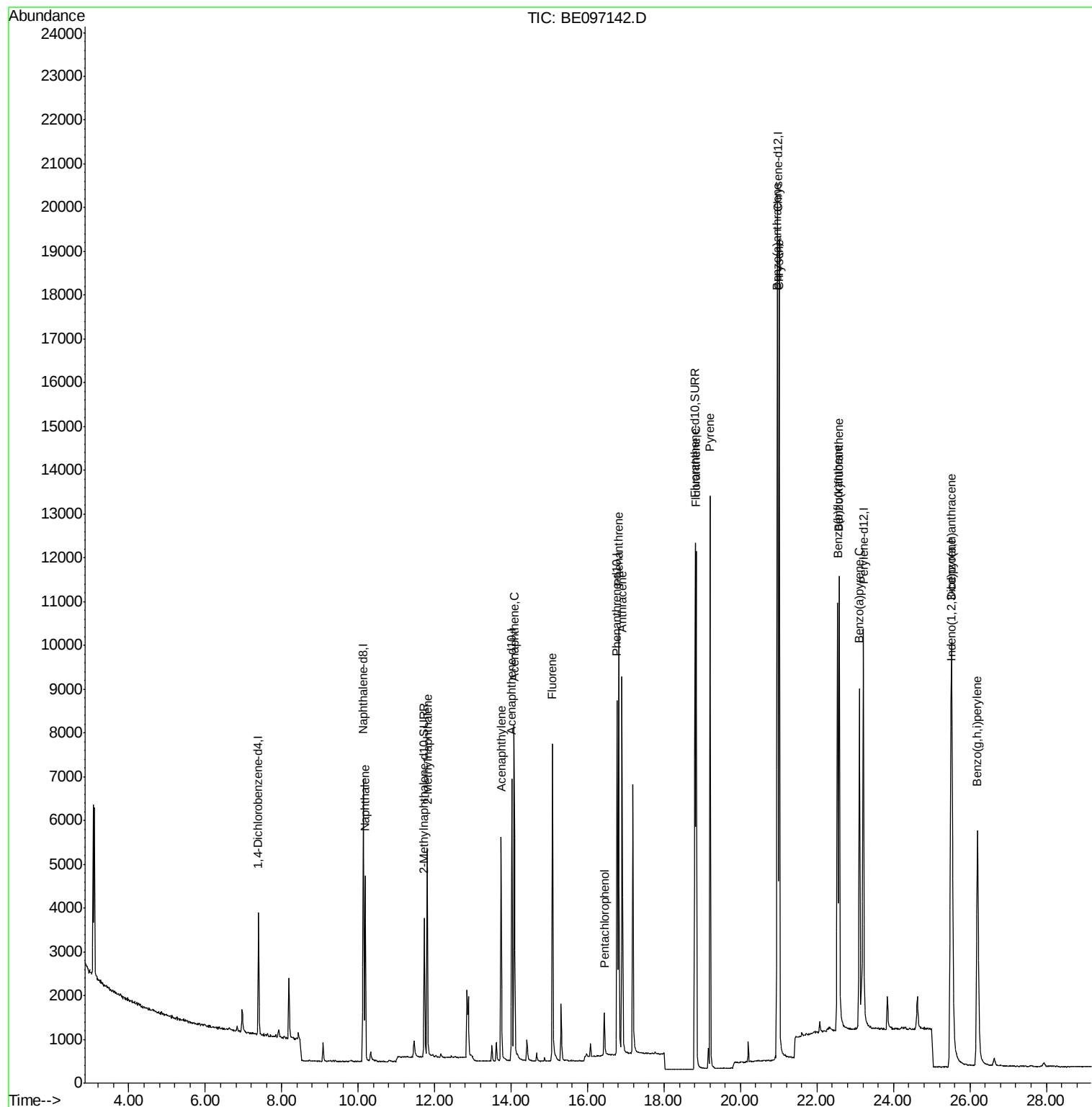
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1384	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3784	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10225	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12389	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12217	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4357	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13623	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	6439	0.401	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	4291	0.405	ng/ul	96
7) Acenaphthylene	13.73	152	6484	0.396	ng/ul	97
8) Acenaphthene	14.08	153	4685	0.396	ng/ul#	92
9) Fluorene	15.08	166	5350	0.393	ng/ul	90
11) Pentachlorophenol	16.44	266	570	0.389	ng/ul	96
12) Phenanthrene	16.81	178	10405	0.399	ng/ul#	88
13) Anthracene	16.90	178	9741	0.401	ng/ul#	91
15) Fluoranthene	18.84	202	13364	0.388	ng/ul	83
17) Pyrene	19.20	202	13869	0.418	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	13825	0.391	ng/ul#	85
19) Chrysene	21.01	228	14526	0.398	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	13137	0.395	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	14054	0.391	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	12749	0.383	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	15674	0.376	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.52	278	13244	0.388	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	13493	0.374	ng/ul#	90

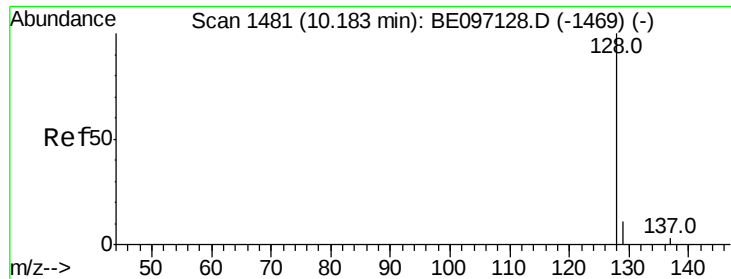
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

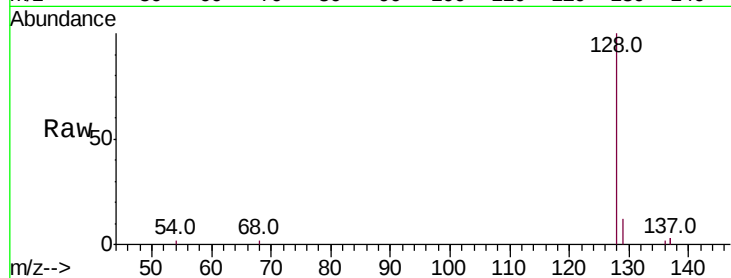
Tot Ion:128 Resp: 6439

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

127 0.0 4.0 6.0#

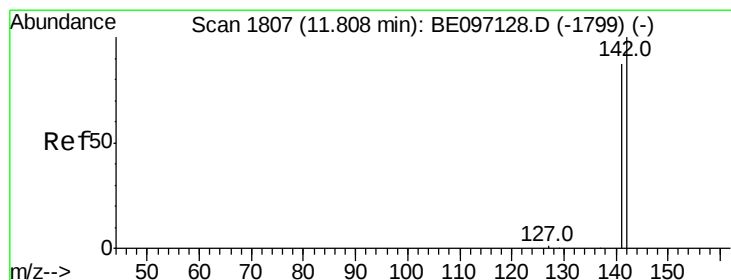
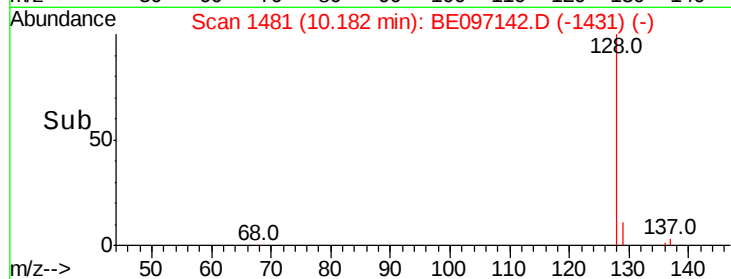
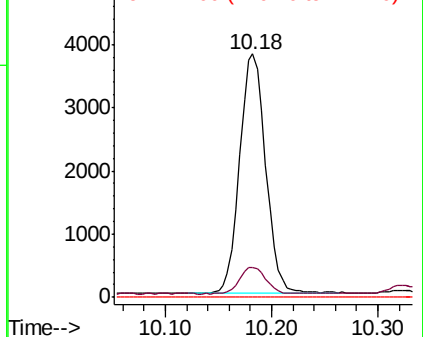


Abundance

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



#5

2-Methylnaphthalene

Concen: 0.405 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BE097142.D

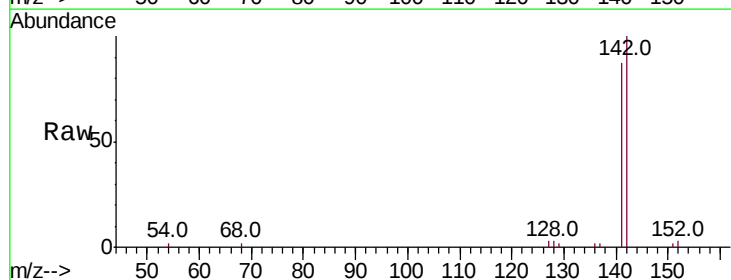
Acq: 1 Aug 2018 23:08

Tgt Ion:142 Resp: 4291

Ion Ratio Lower Upper

142 100

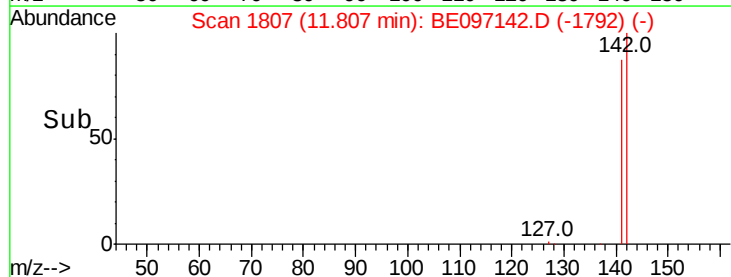
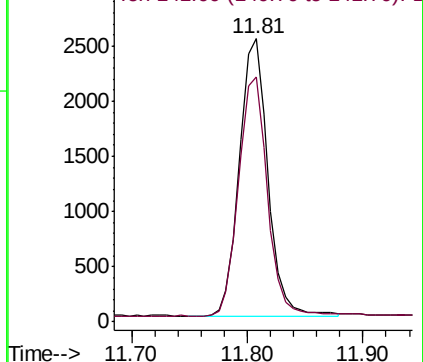
141 87.3 72.6 108.8

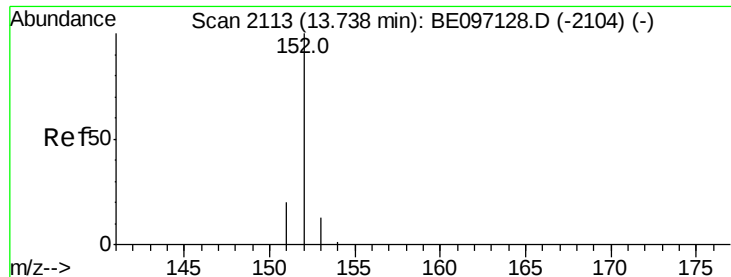


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.396 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

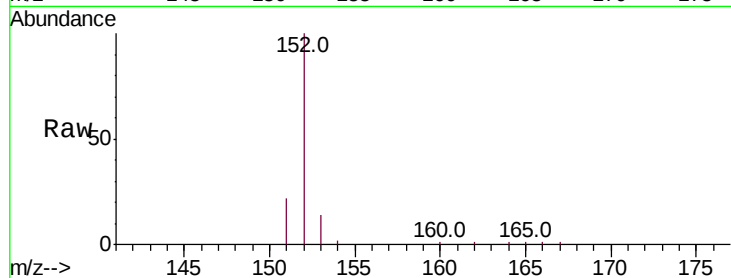
Tot Ion:152 Resp: 6484

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

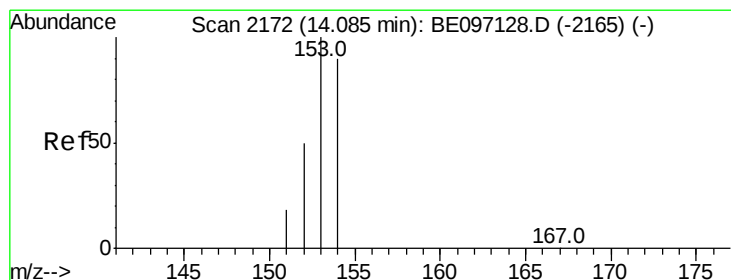
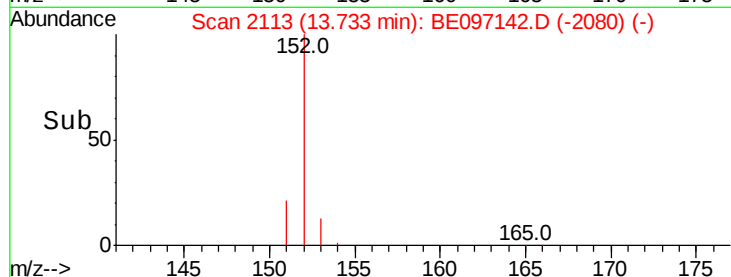
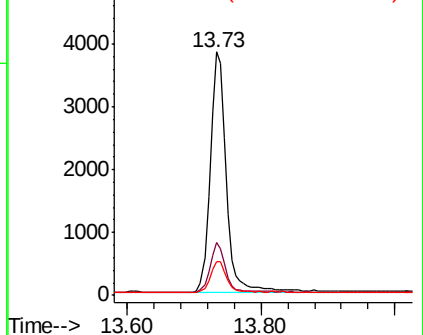
153 13.7 12.8 19.2



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



#8

Acenaphthene

Concen: 0.396 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

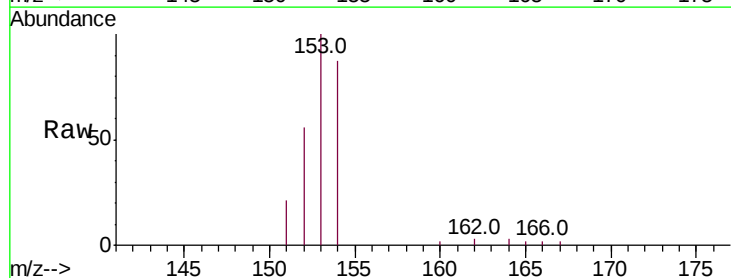
Tgt Ion:153 Resp: 4685

Ion Ratio Lower Upper

153 100

152 55.8 36.0 54.0#

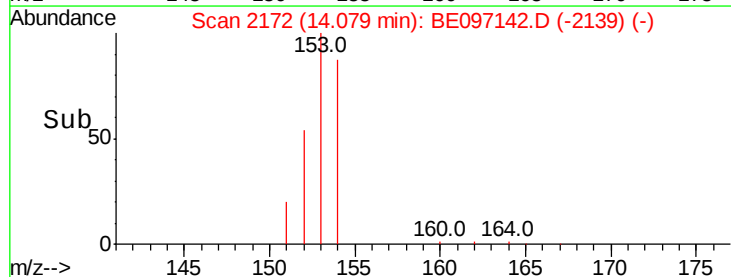
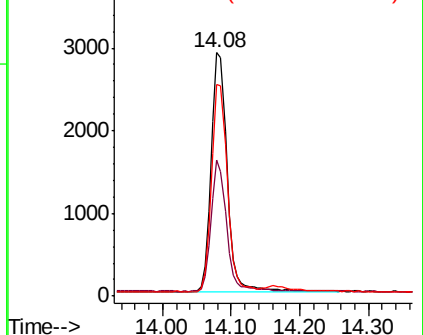
154 87.2 72.0 108.0

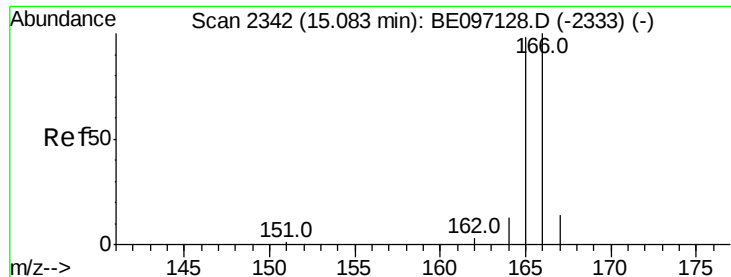


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.393 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

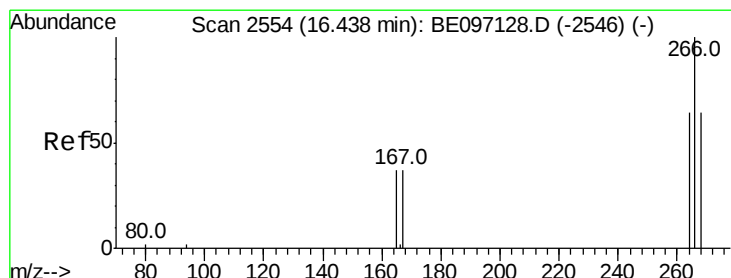
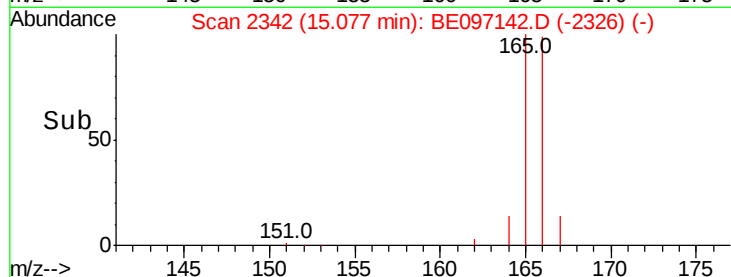
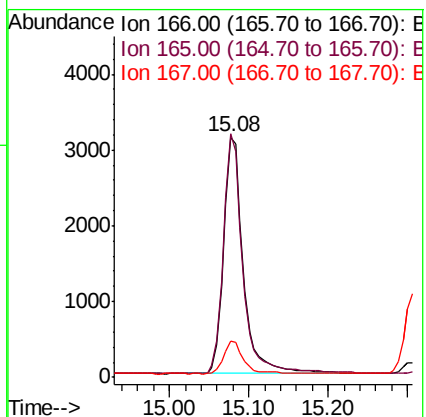
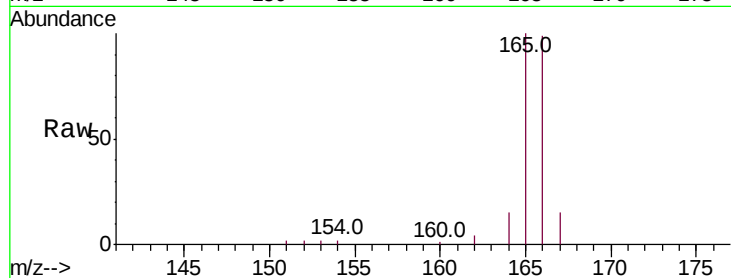
Tot Ion:166 Resp: 5350

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

167 15.0 14.6 22.0



#11

Pentachlorophenol

Concen: 0.389 ng/ul

RT: 16.44 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

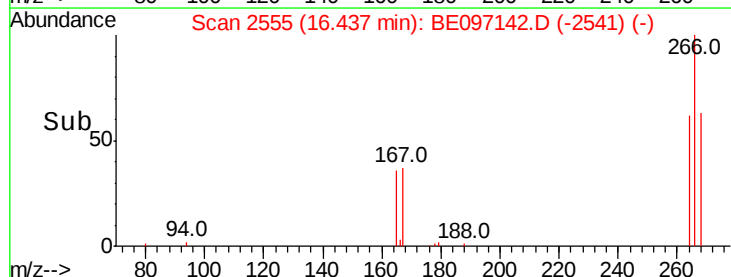
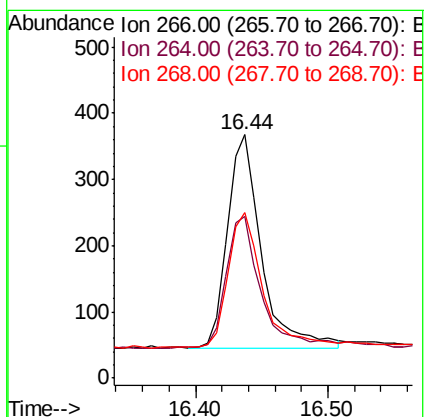
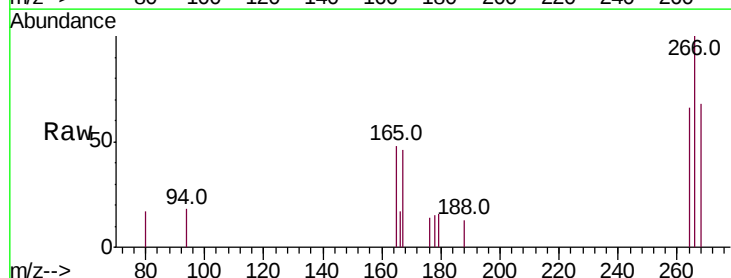
Tgt Ion:266 Resp: 570

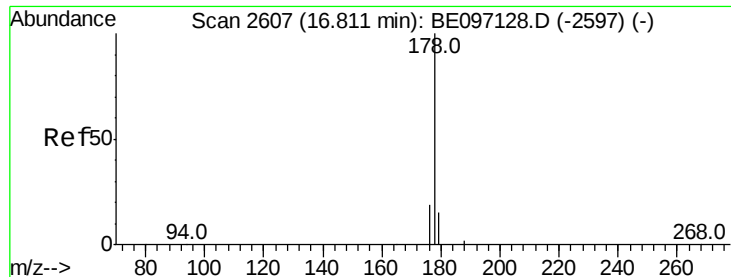
Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

268 63.9 49.8 74.8

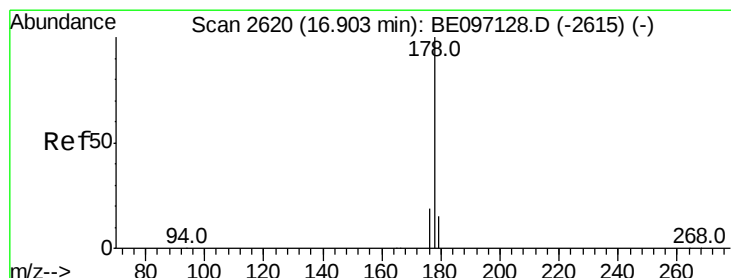
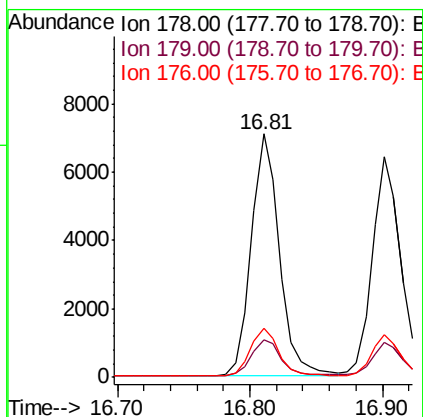
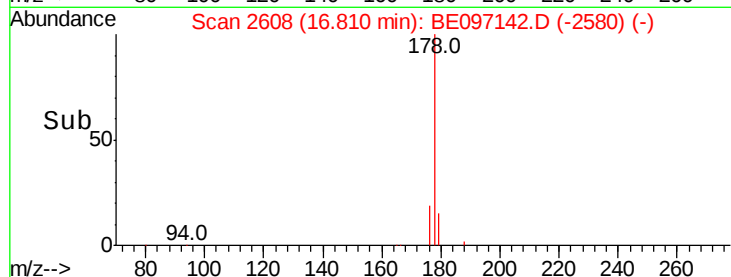
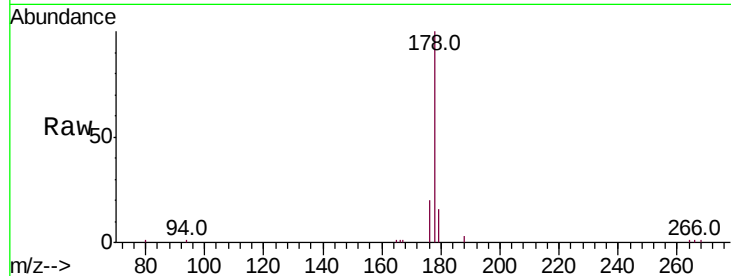




#12
Phenanthrene
Concen: 0.399 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

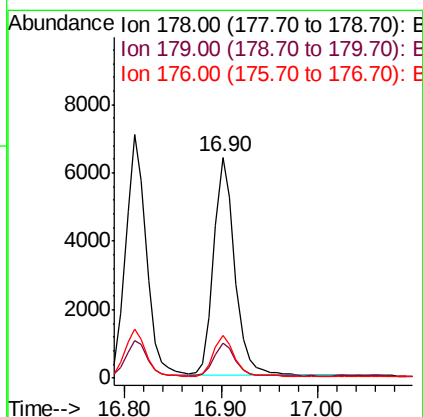
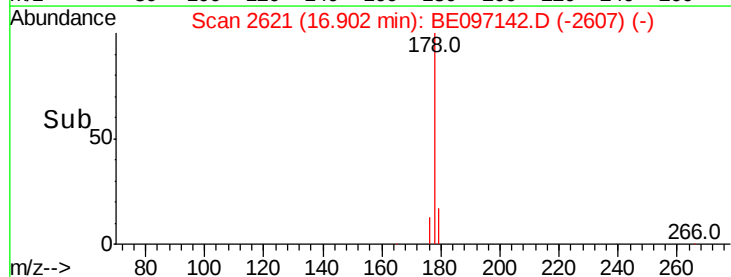
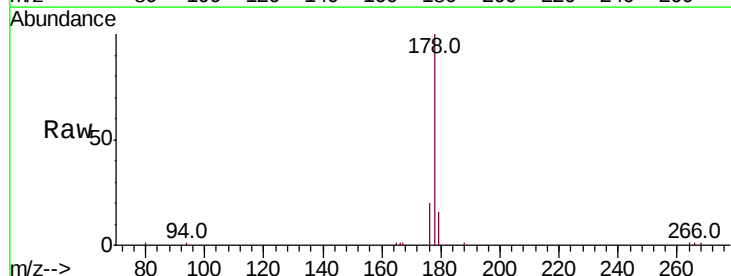
Instrument :
BNA_E
ClientSampled :

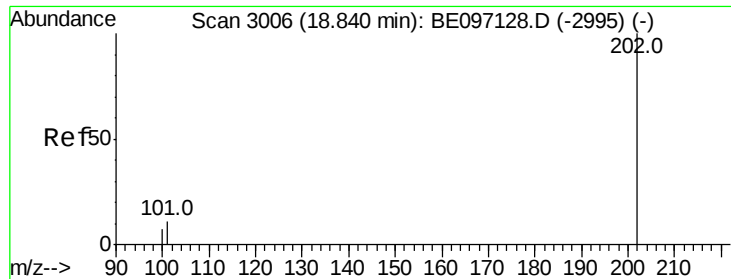
Tot Ion:178 Resp: 10405
Ion Ratio Lower Upper
178 100
179 15.7 18.4 27.6#
176 20.0 13.6 20.4



#13
Anthracene
Concen: 0.401 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

Tgt Ion:178 Resp: 9741
Ion Ratio Lower Upper
178 100
179 16.0 18.1 27.1#
176 19.6 14.7 22.1

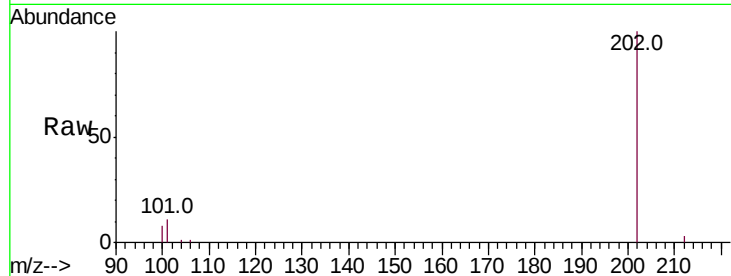




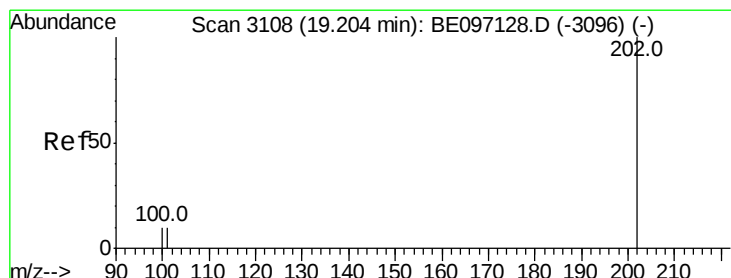
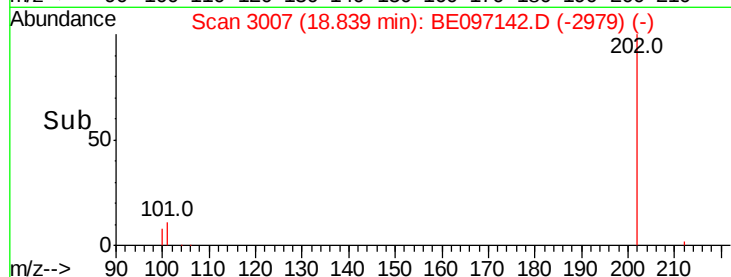
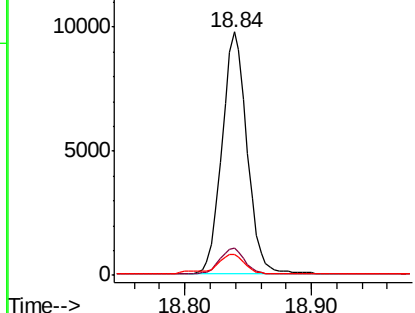
#15
Fluoranthene
Concen: 0.388 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 13364
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.3
100 8.5 0.0 39.5

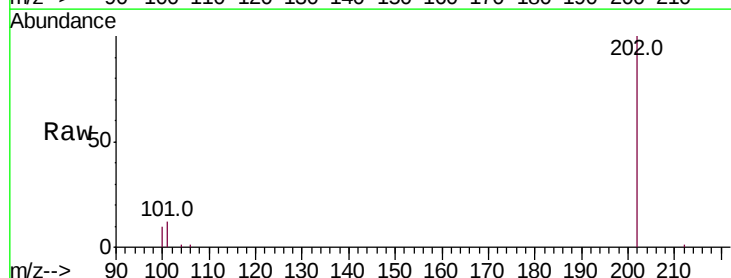


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

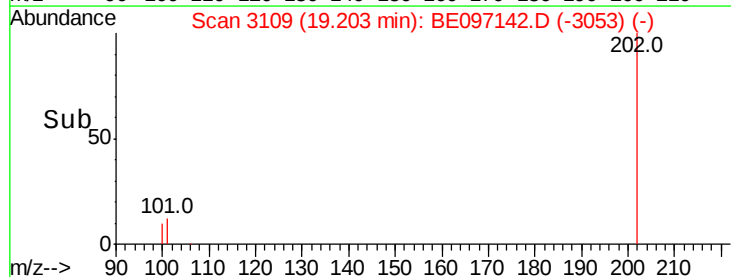
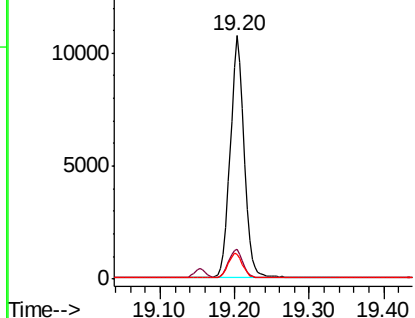


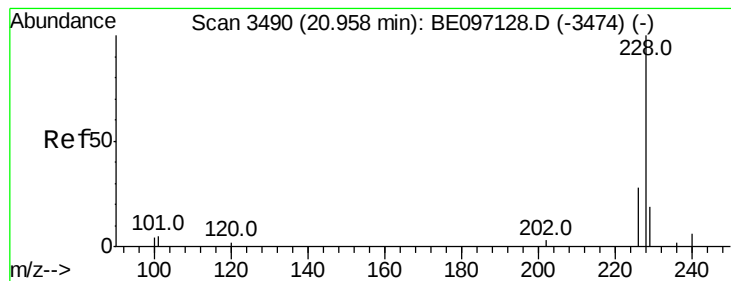
#17
Pyrene
Concen: 0.418 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

Tgt Ion:202 Resp: 13869
Ion Ratio Lower Upper
202 100
101 12.3 18.2 27.4#
100 10.4 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.391 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

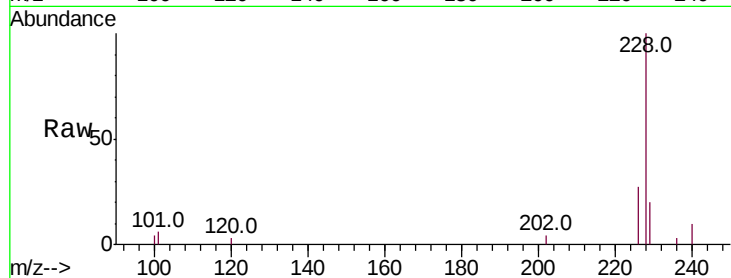
Tot Ion:228 Resp: 13825

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 27.5 17.0 25.6#

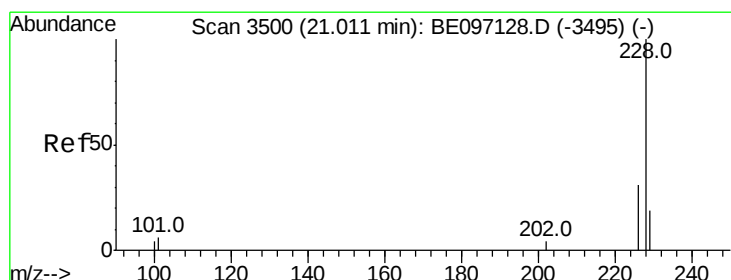
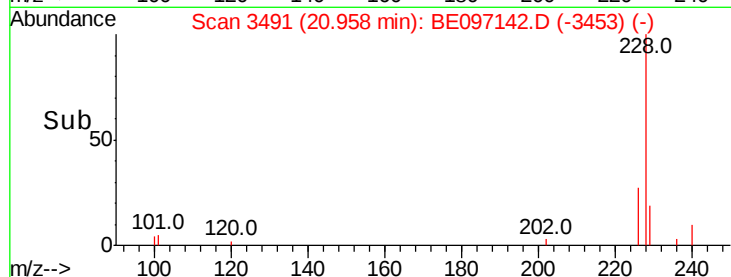
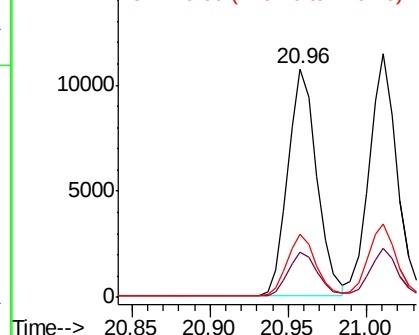


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.398 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

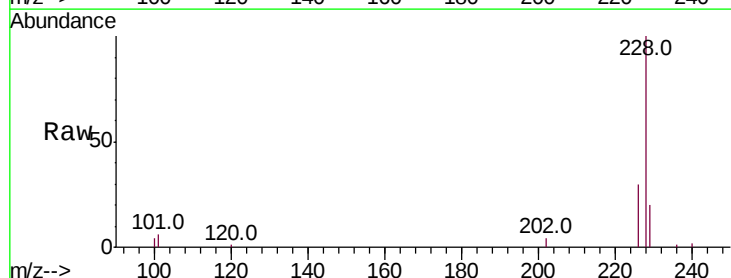
Tgt Ion:228 Resp: 14526

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 20.0 17.7 26.5

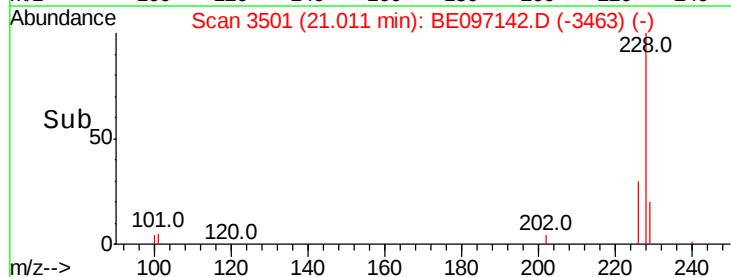
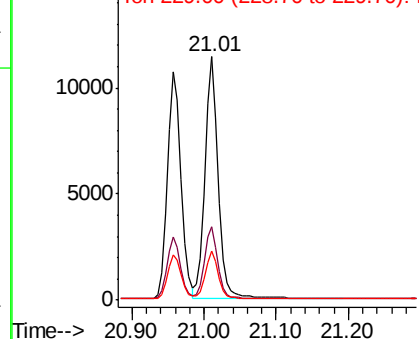


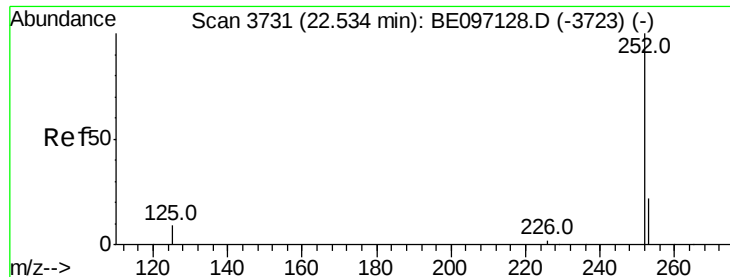
Abundance

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





#21

Benzo(b)fluoranthene

Concen: 0.395 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

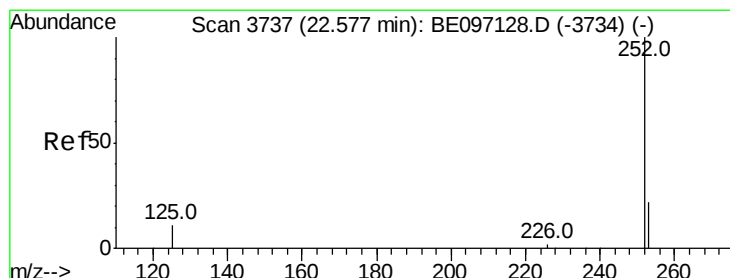
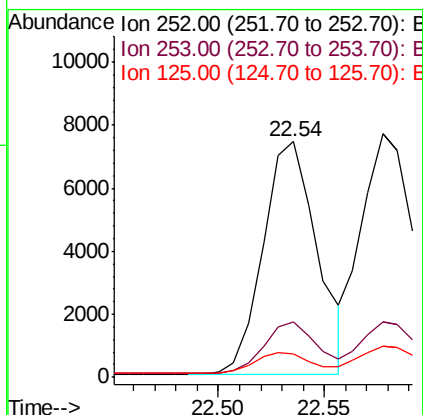
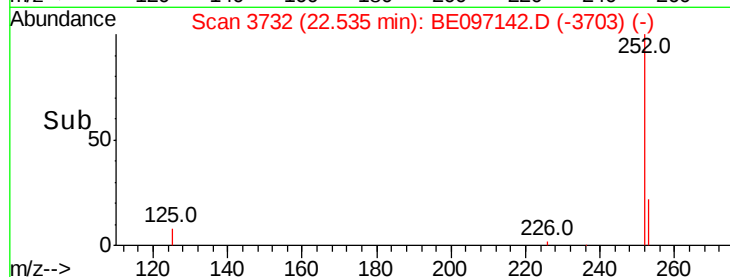
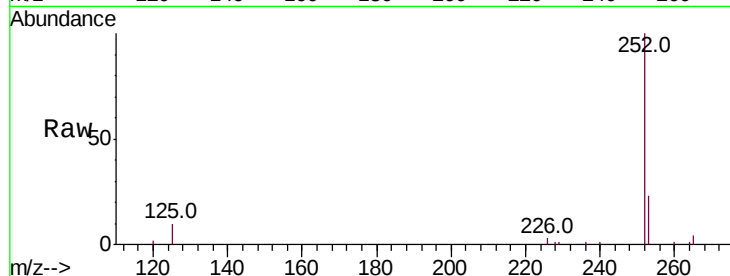
Tot Ion:252 Resp: 13137

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

125 9.7 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.391 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

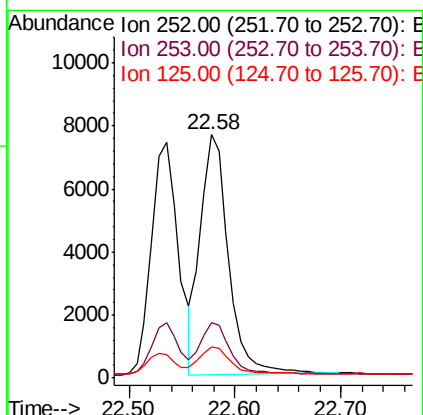
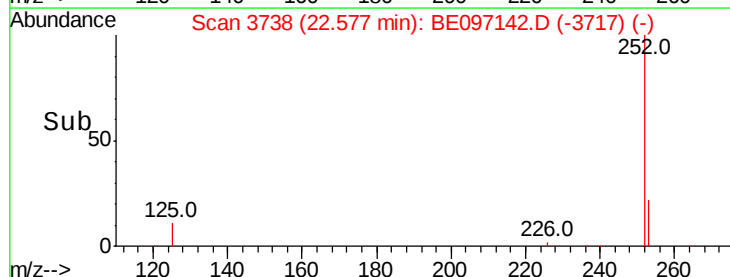
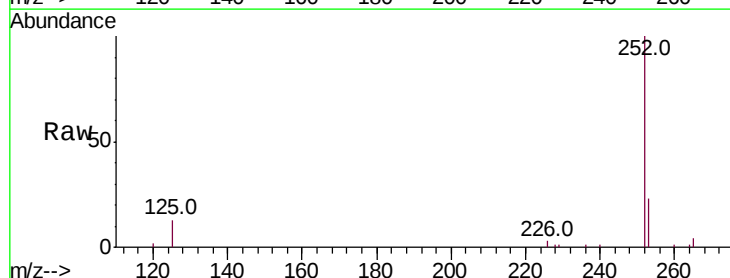
Tgt Ion:252 Resp: 14054

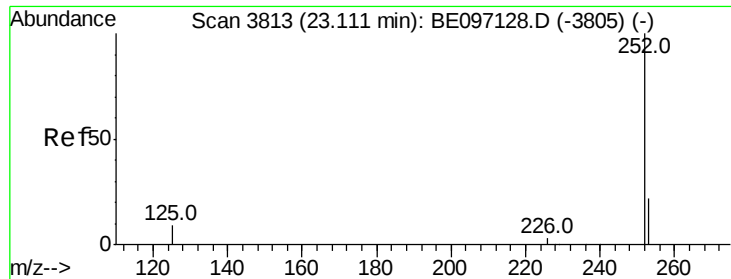
Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

125 13.0 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

Instrument :

BNA_E

ClientSampleId :

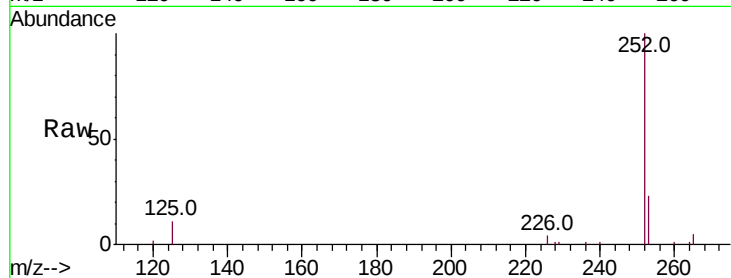
Tot Ion:252 Resp: 12749

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

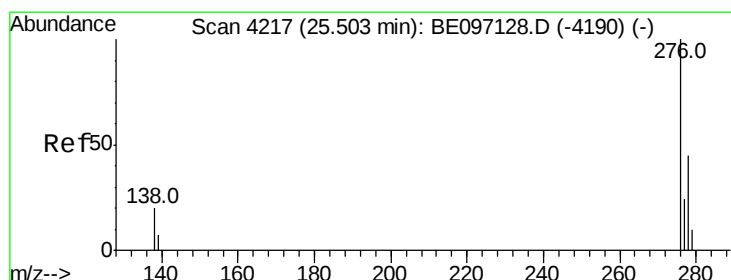
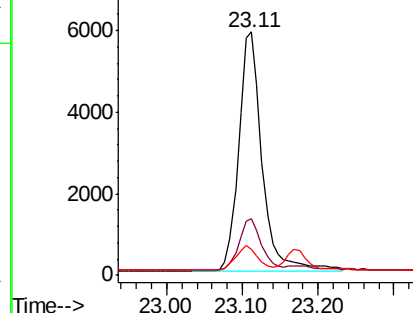
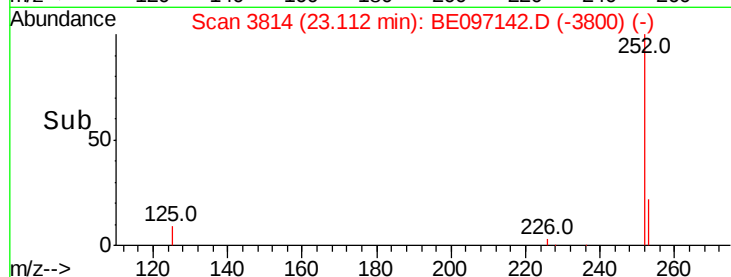
125 10.8 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.376 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BE097142.D

Acq: 1 Aug 2018 23:08

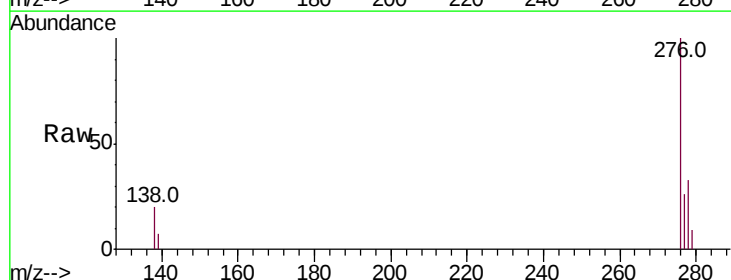
Tgt Ion:276 Resp: 15674

Ion Ratio Lower Upper

276 100

138 22.7 28.0 42.0#

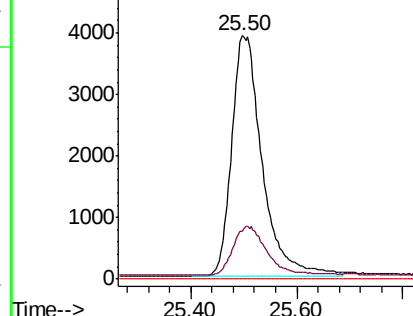
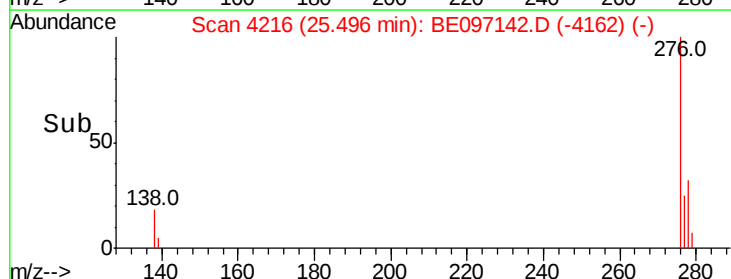
227 0.0 8.0 12.0#

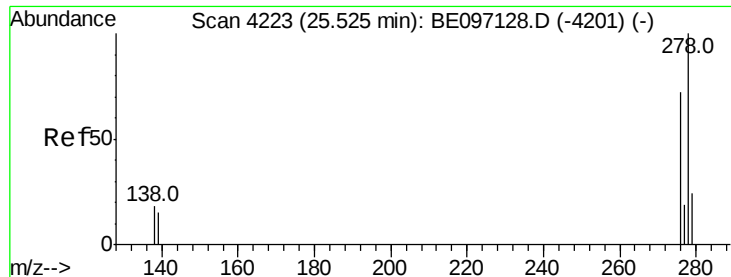


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

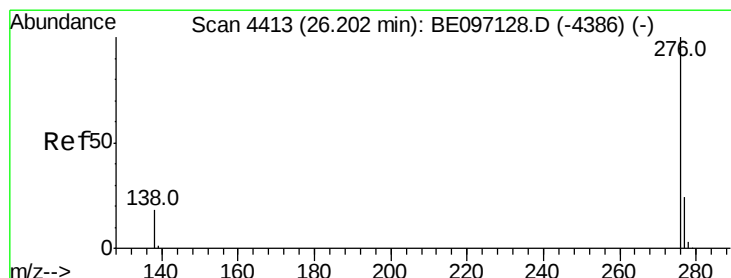
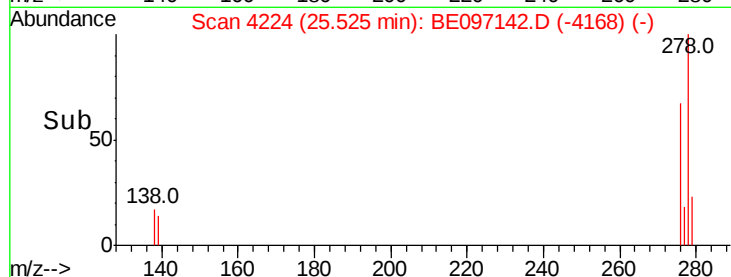
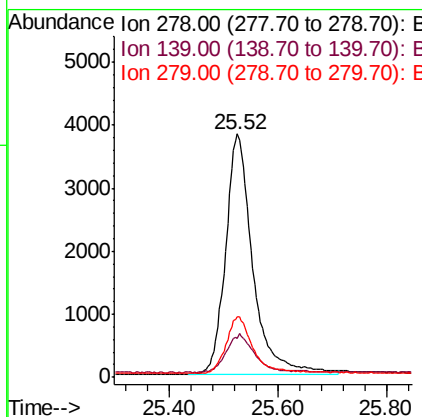
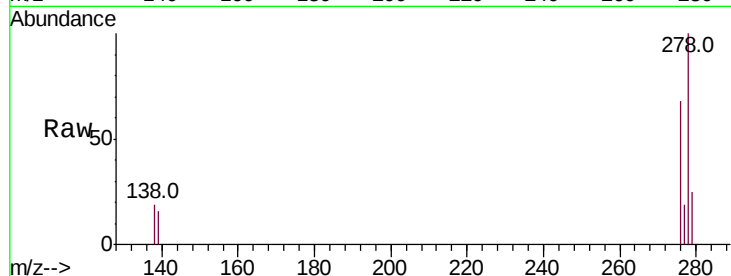




#25
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 13244
Ion Ratio Lower Upper
278 100
139 16.2 17.4 26.0#
279 24.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097142.D
Acq: 1 Aug 2018 23:08

Tgt Ion:276 Resp: 13493
Ion Ratio Lower Upper
276 100
138 18.8 21.8 32.8#
277 24.3 20.5 30.7

