

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097417.D
 Acq On : 7 Sep 2018 9:59
 Operator : SJ/JU
 Sample : J4688-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YW1

Quant Time: Sep 07 23:50:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	787	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	3860	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2349	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7126	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9338	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9211	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1987	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9305	0.40	ng/ul	0.00

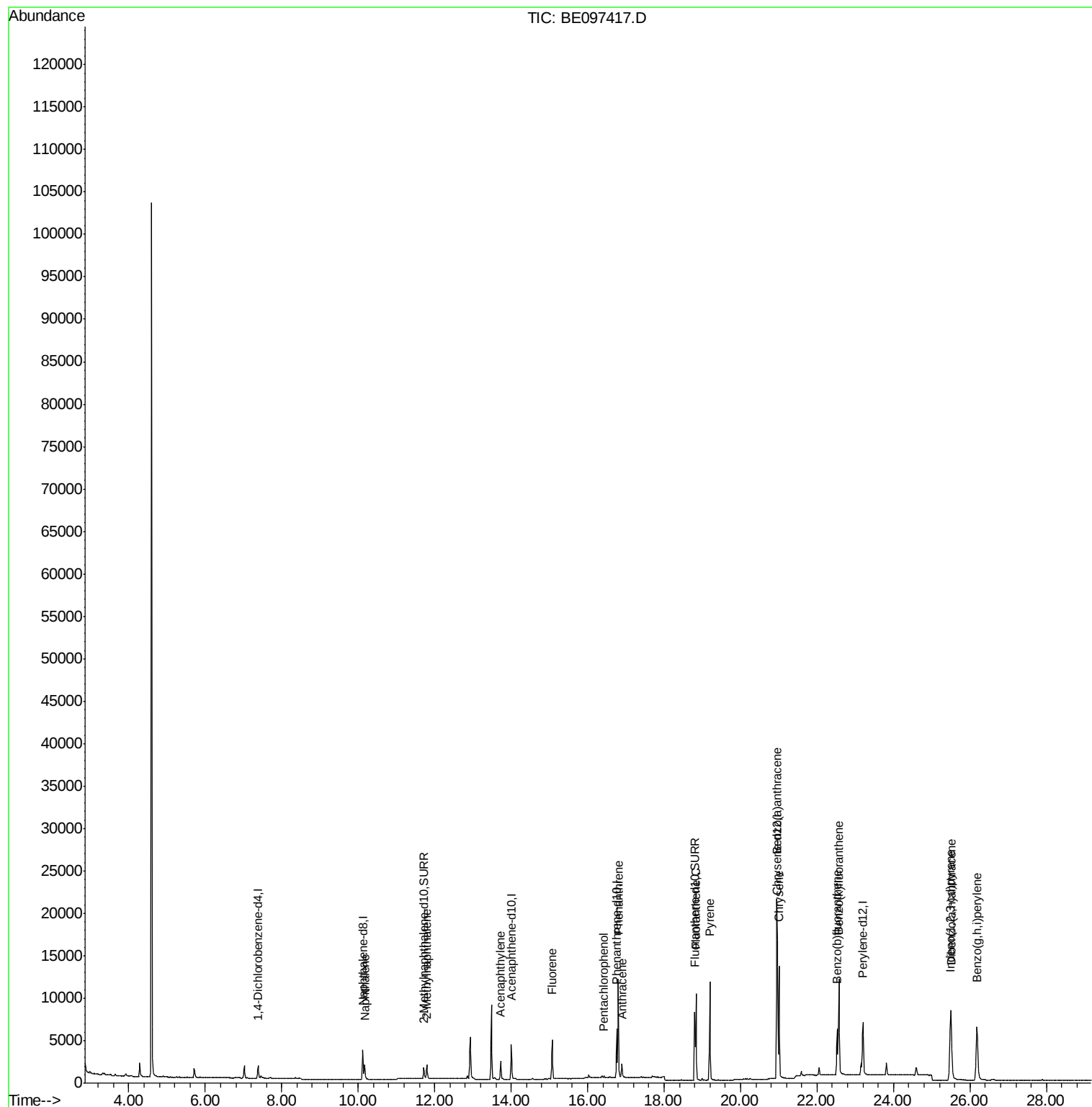
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.17	128	2720	0.289	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1639	0.276	ng/ul	98
7) Acenaphthylene	13.72	152	2689	0.314	ng/ul	98
9) Fluorene	15.07	166	3221	0.382	ng/ul	94
11) Pentachlorophenol	16.44	266	138	0.197	ng/ul	92
12) Phenanthrene	16.80	178	12644	0.689	ng/ul#	89
13) Anthracene	16.89	178	1941	0.126	ng/ul	93
15) Fluoranthene	18.83	202	11161	0.474	ng/ul	84
17) Pyrene	19.20	202	13126	0.522	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	16112	0.672	ng/ul#	86
19) Chrysene	21.01	228	11168	0.404	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	7074	0.287	ng/ul	85
22) Benzo(k)fluoranthene	22.57	252	13670	0.497	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	11156	0.377	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.51	278	10260	0.409	ng/ul#	91
26) Benzo(g,h,i)perylene	26.18	276	14836	0.588	ng/ul#	90

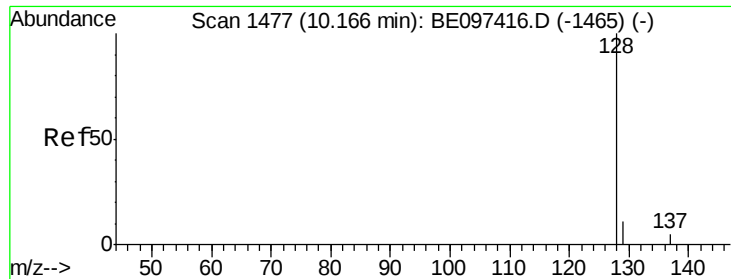
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.289 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

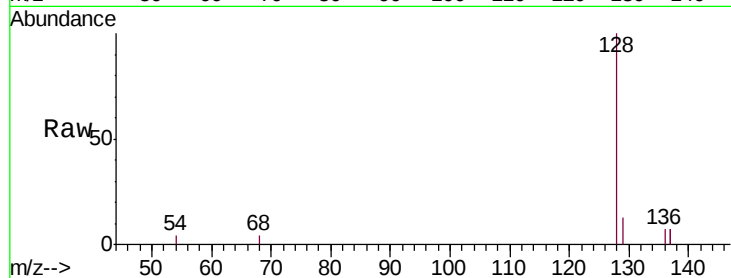
Tgt Ion:128 Resp: 2720

Ion Ratio Lower Upper

128 100

129 13.4 11.3 16.9

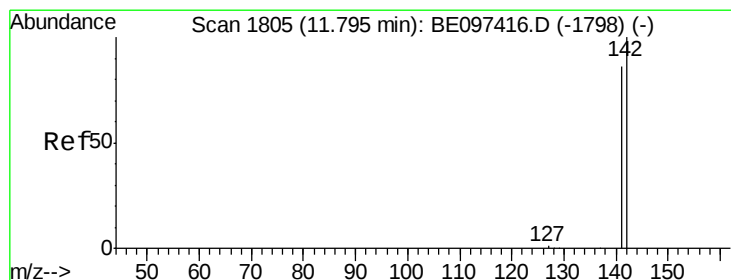
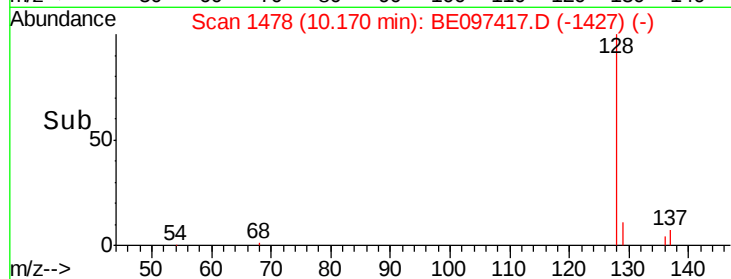
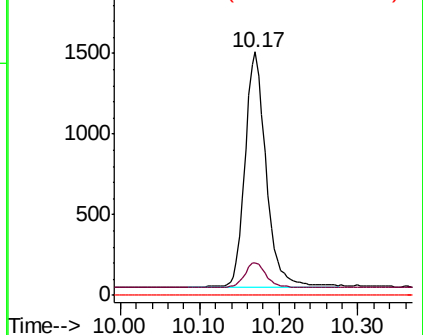
127 0.0 4.0 6.0#



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: 0.276 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BE097417.D

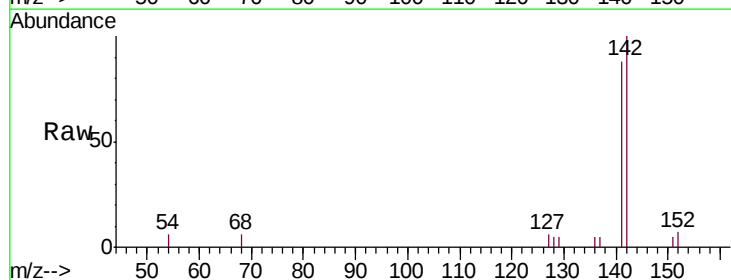
Acq: 7 Sep 2018 9:59

Tgt Ion:142 Resp: 1639

Ion Ratio Lower Upper

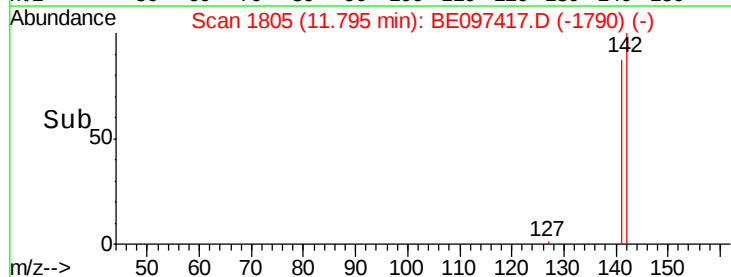
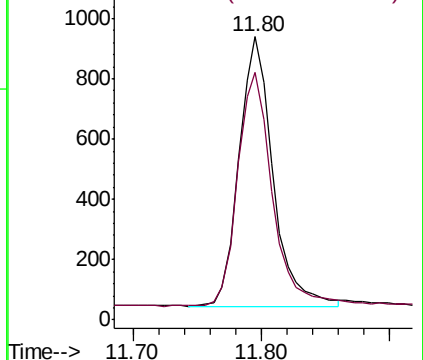
142 100

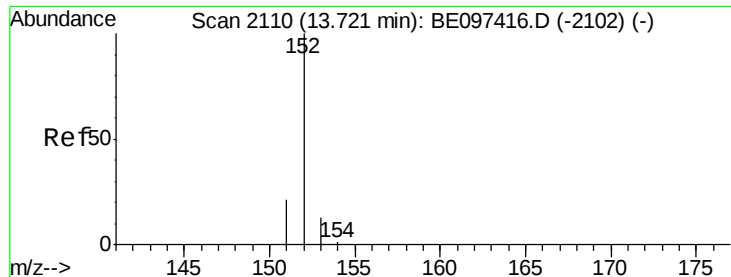
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.314 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

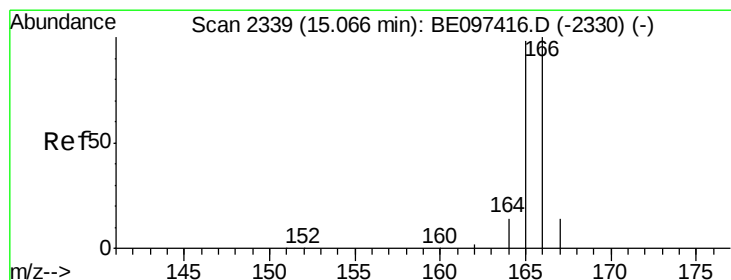
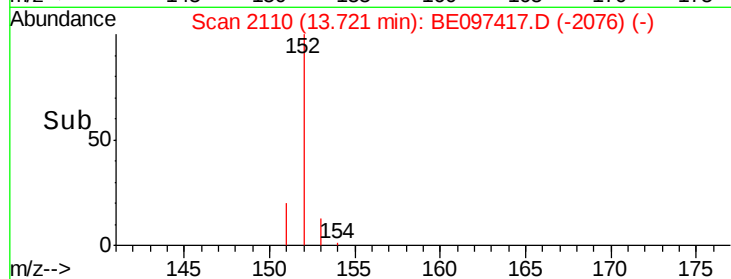
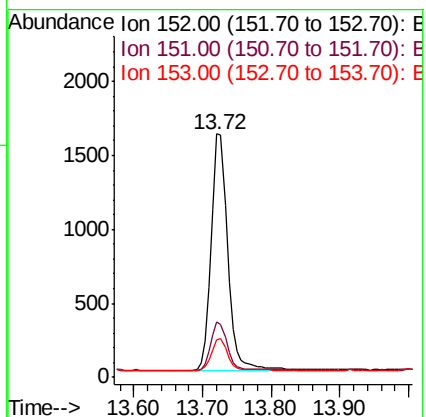
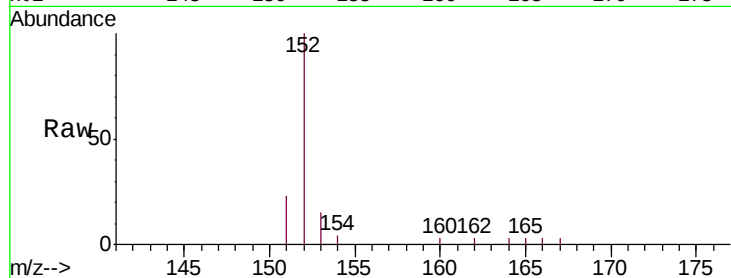
Tgt Ion:152 Resp: 2689

Ion Ratio Lower Upper

152 100

151 22.7 17.1 25.7

153 15.4 12.8 19.2



#9

Fluorene

Concen: 0.382 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

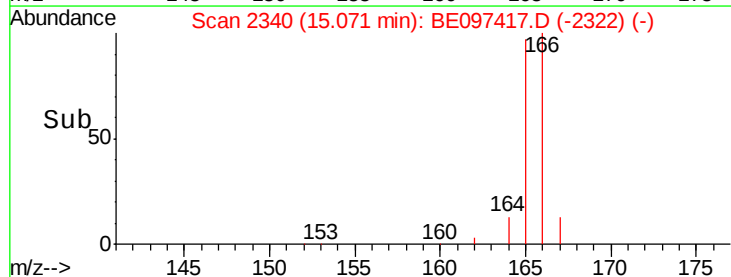
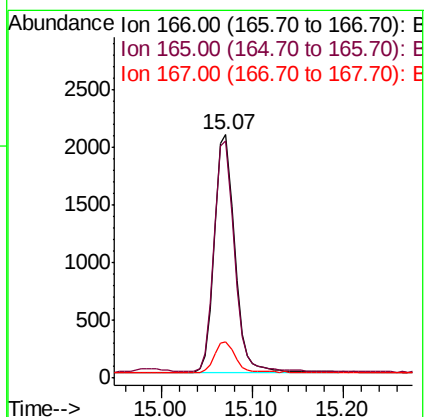
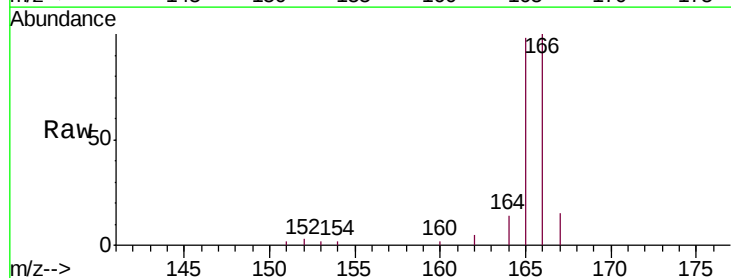
Tgt Ion:166 Resp: 3221

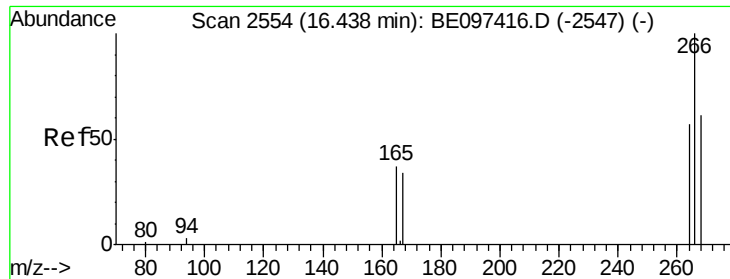
Ion Ratio Lower Upper

166 100

165 97.6 73.4 110.2

167 15.1 14.6 22.0

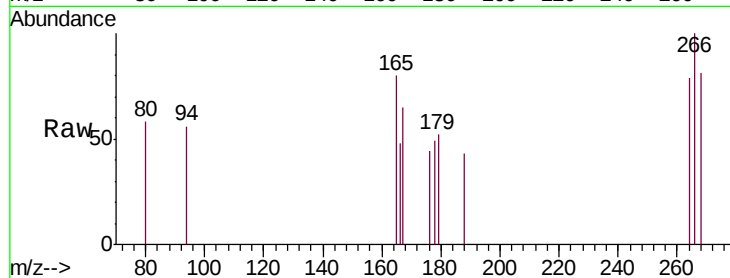




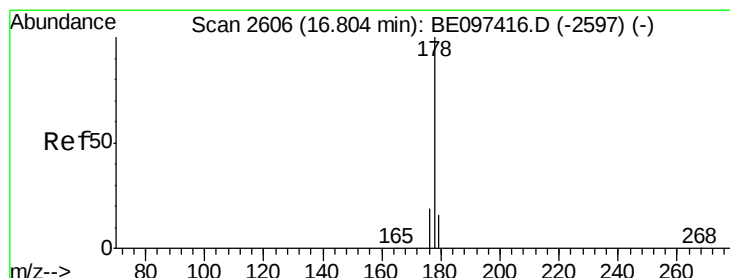
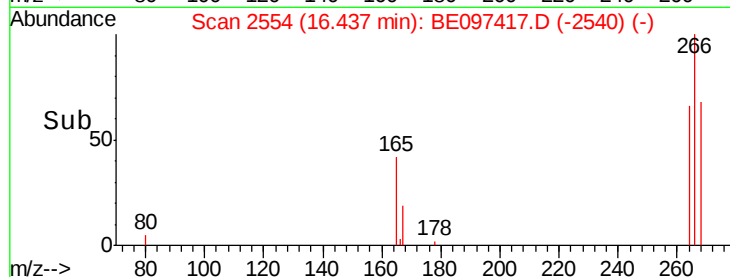
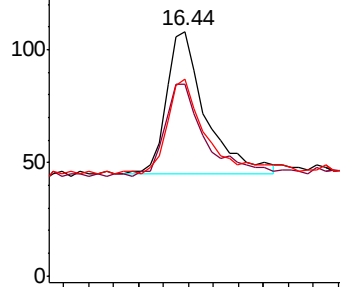
#11
 Pentachlorophenol
 Concen: 0.197 ng/ul
 RT: 16.44 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BE097417.D
 Acq: 7 Sep 2018 9:59

Instrument :
 BNA_E
 ClientSampleId :
 A3YW1

Tgt Ion: 266 Resp: 138
 Ion Ratio Lower Upper
 266 100
 264 68.8 47.9 71.9
 268 65.2 49.8 74.8

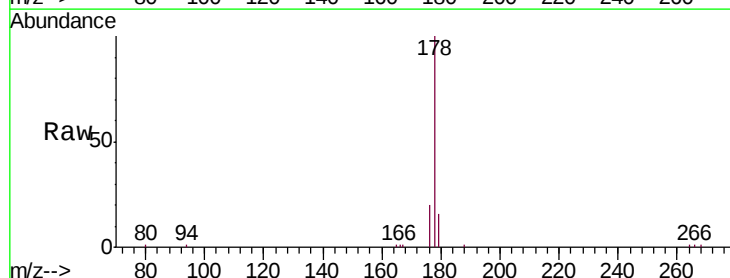


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

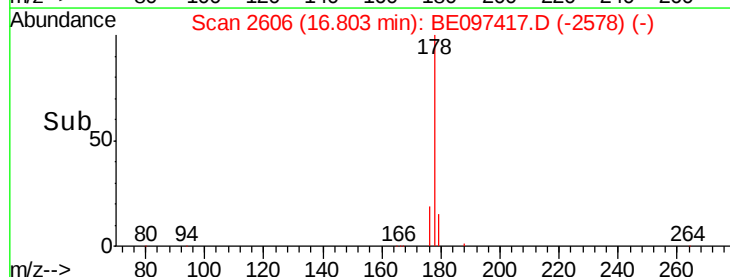
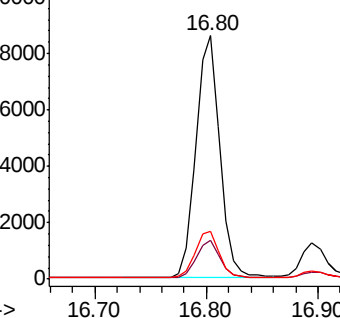


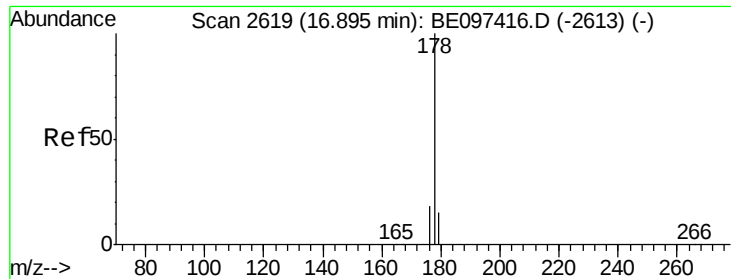
#12
 Phenanthrene
 Concen: 0.689 ng/ul
 RT: 16.80 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BE097417.D
 Acq: 7 Sep 2018 9:59

Tgt Ion: 178 Resp: 12644
 Ion Ratio Lower Upper
 178 100
 179 16.0 18.4 27.6#
 176 19.6 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.126 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

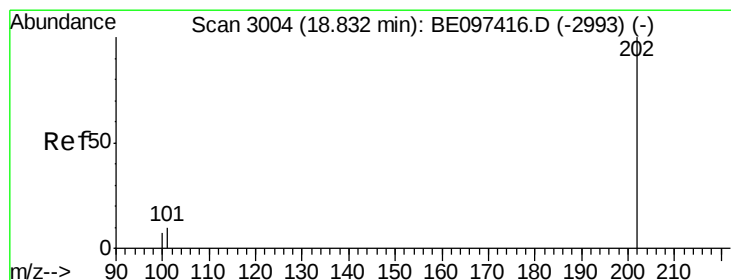
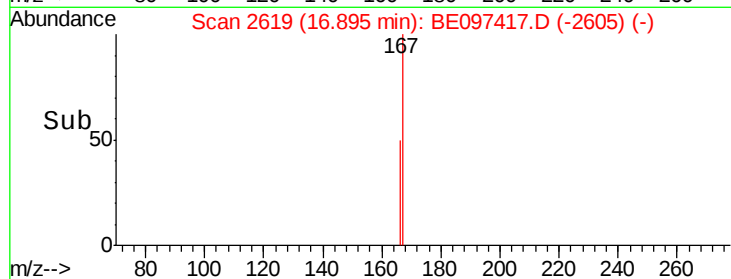
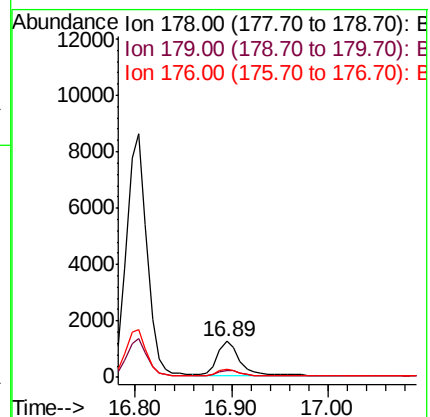
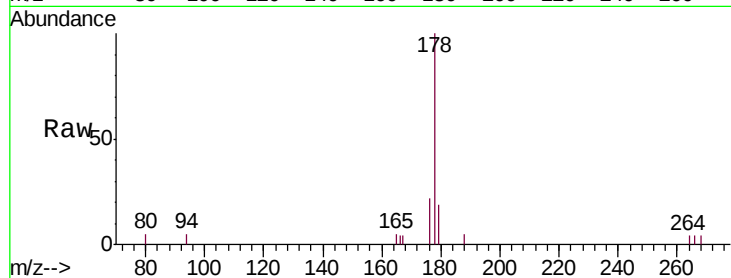
Tgt Ion:178 Resp: 1941

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

176 21.5 14.7 22.1



#15

Fluoranthene

Concen: 0.474 ng/ul

RT: 18.83 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

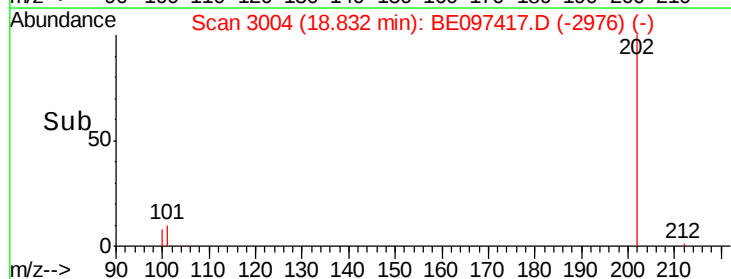
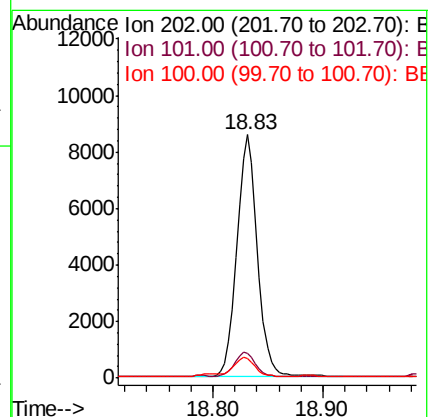
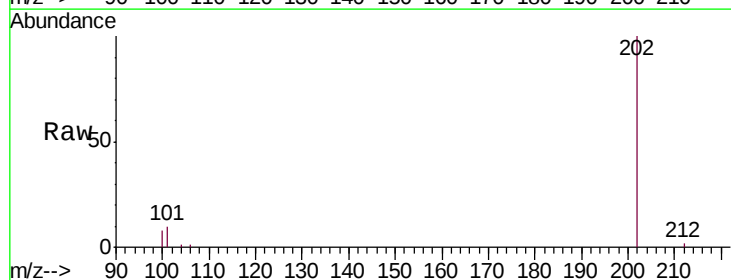
Tgt Ion:202 Resp: 11161

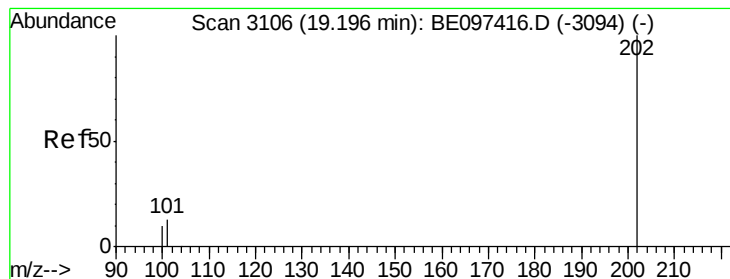
Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

100 8.2 0.0 39.5





#17

Pyrene

Concen: 0.522 ng/ul

RT: 19.20 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

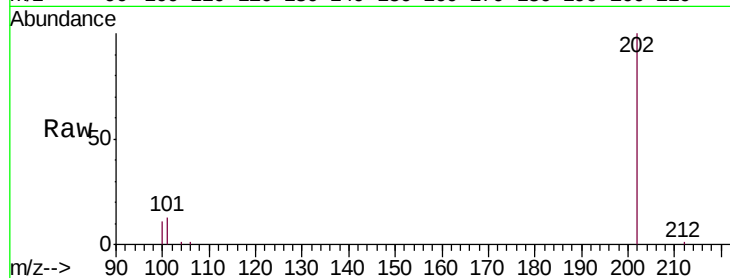
Tgt Ion:202 Resp: 13126

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

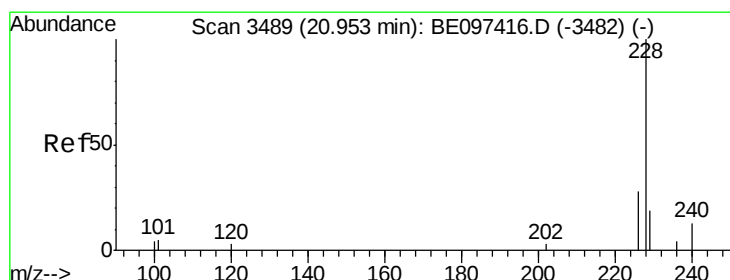
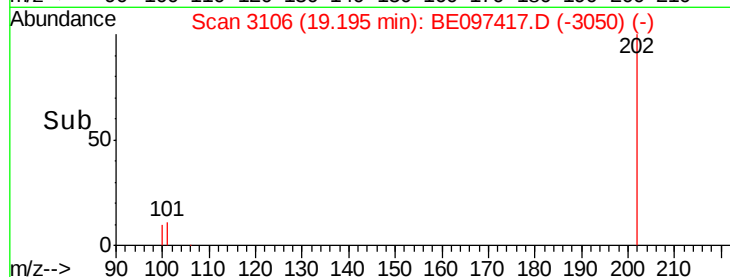
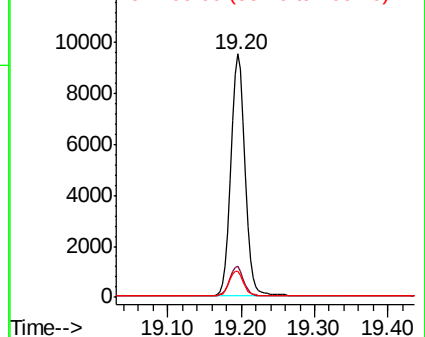
100 10.8 15.6 23.4#



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: 0.672 ng/ul

RT: 20.95 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

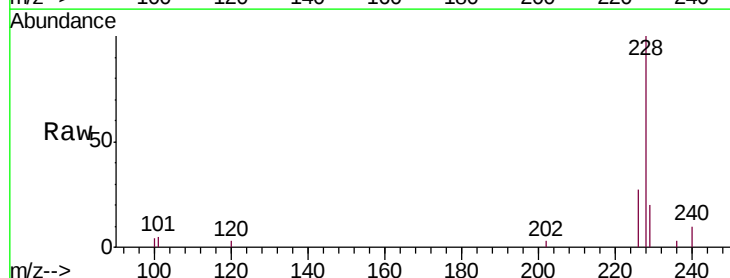
Tgt Ion:228 Resp: 16112

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

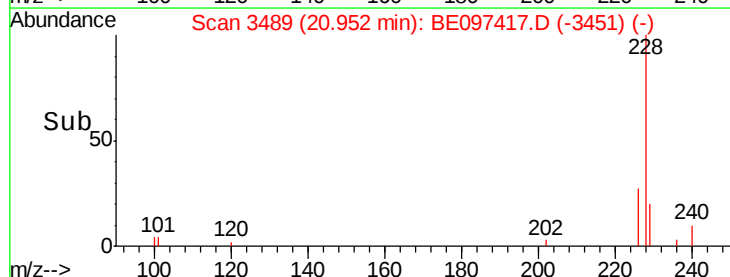
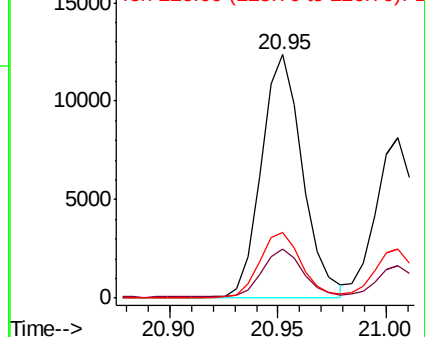
226 27.2 17.0 25.6#

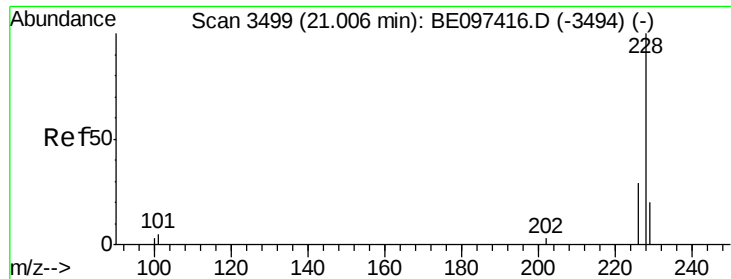


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.404 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

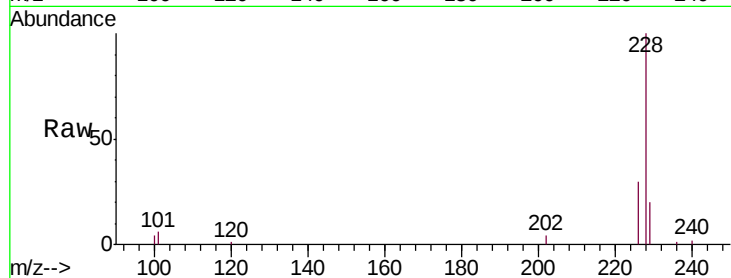
Tgt Ion:228 Resp: 11168

Ion Ratio Lower Upper

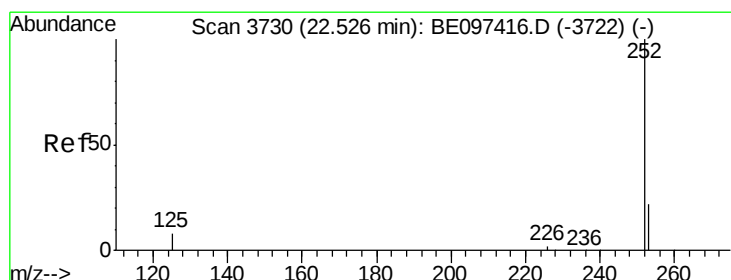
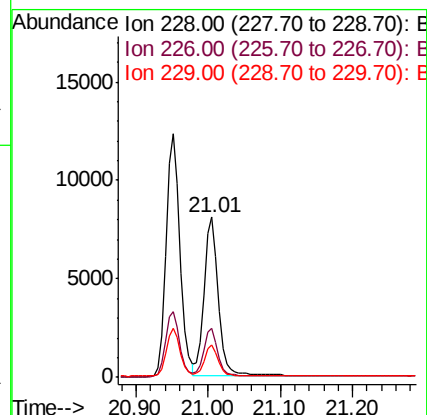
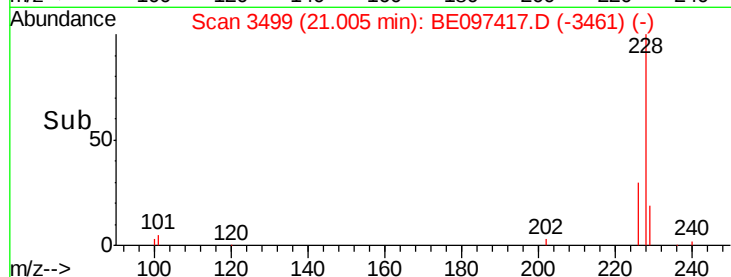
228 100

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: 0.287 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

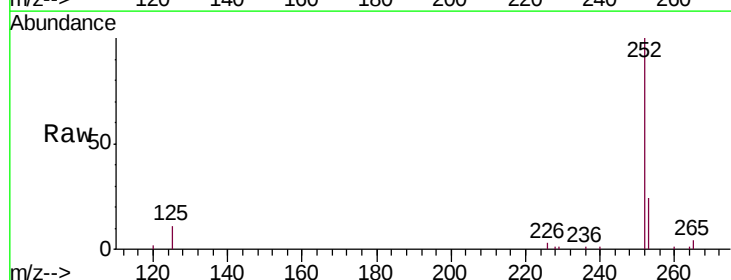
Tgt Ion:252 Resp: 7074

Ion Ratio Lower Upper

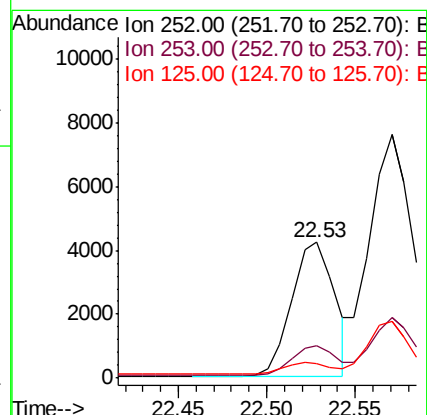
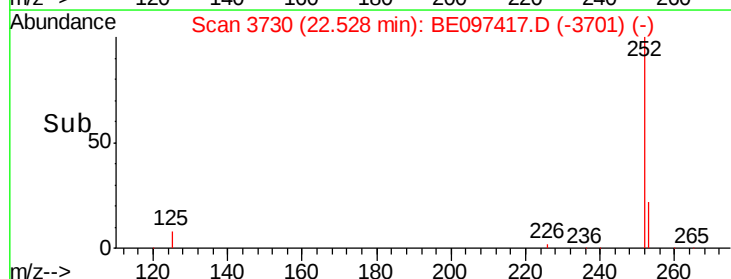
252 100

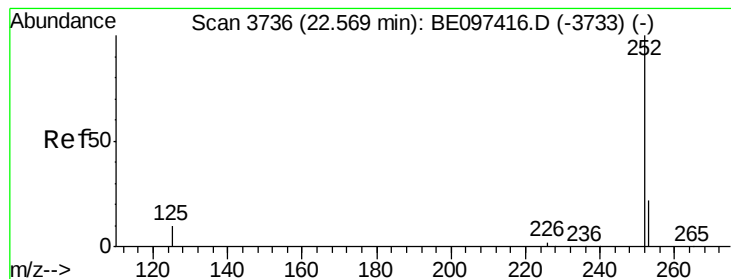
253 23.6 0.0 64.2

125 11.0 0.0 35.0



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





#22

Benzo(k)fluoranthene

Concen: 0.497 ng/ul

RT: 22.57 min Scan# 3736

Delta R.T. 0.00 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

Instrument :

BNA_E

ClientSampleId :

A3YW1

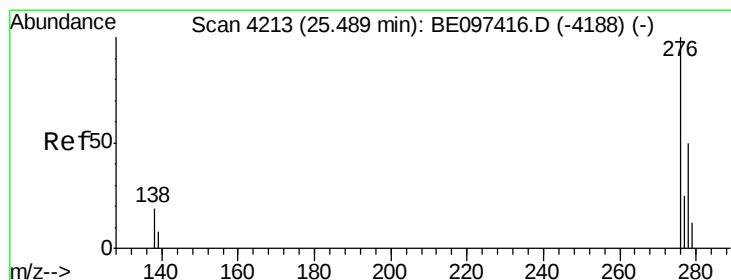
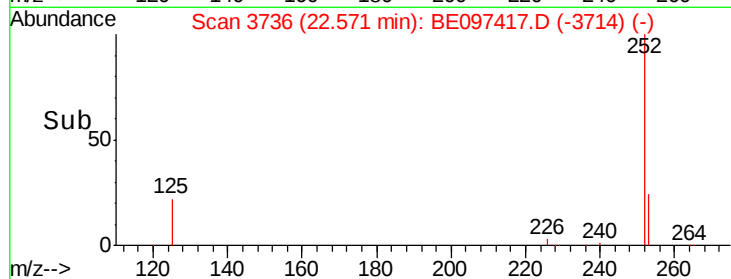
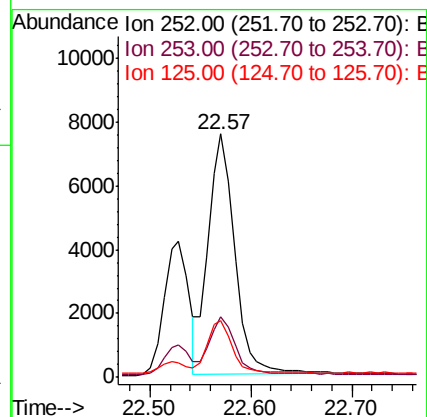
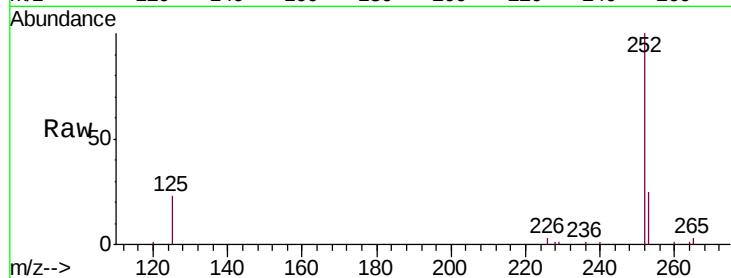
Tgt Ion:252 Resp: 13670

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

125 23.3 13.7 20.5#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 25.48 min Scan# 4211

Delta R.T. -0.01 min

Lab File: BE097417.D

Acq: 7 Sep 2018 9:59

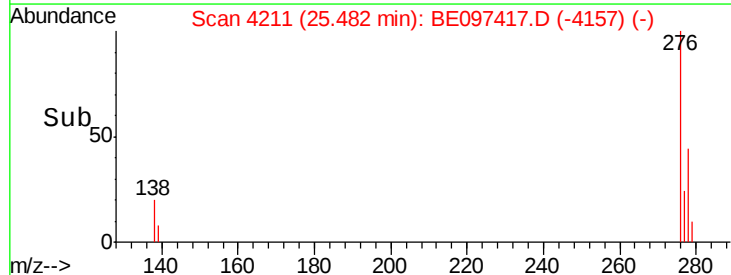
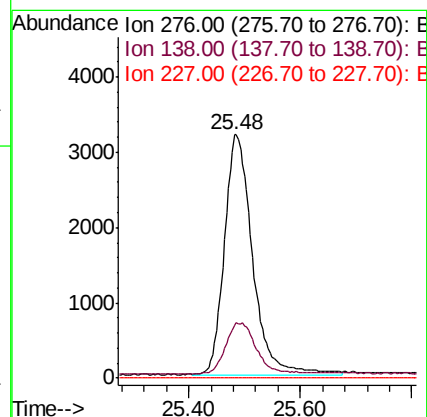
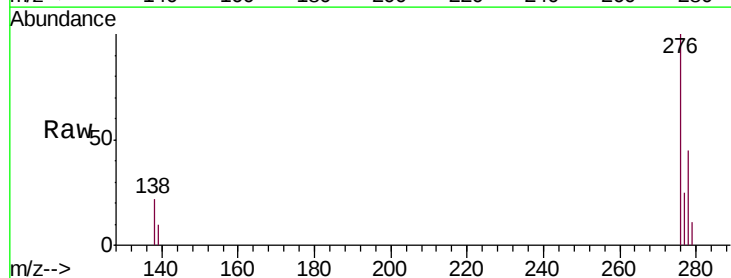
Tgt Ion:276 Resp: 11156

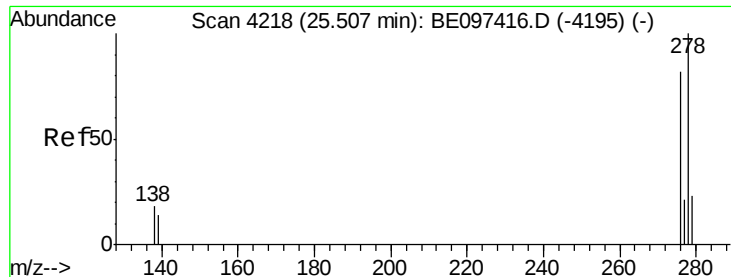
Ion Ratio Lower Upper

276 100

138 23.1 28.0 42.0#

227 0.0 8.0 12.0#

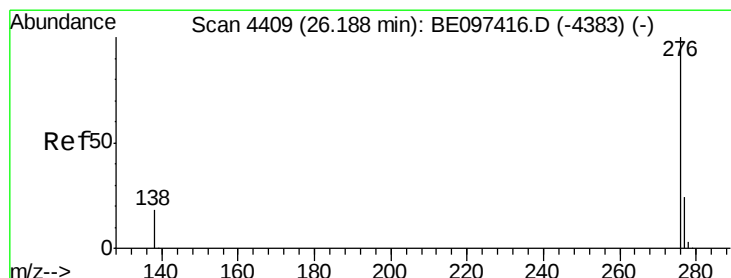
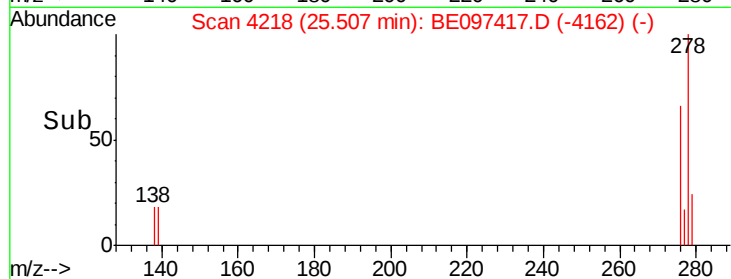
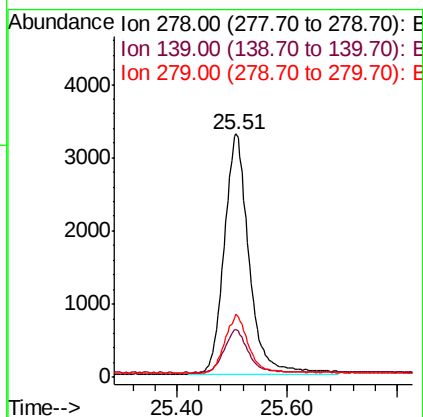
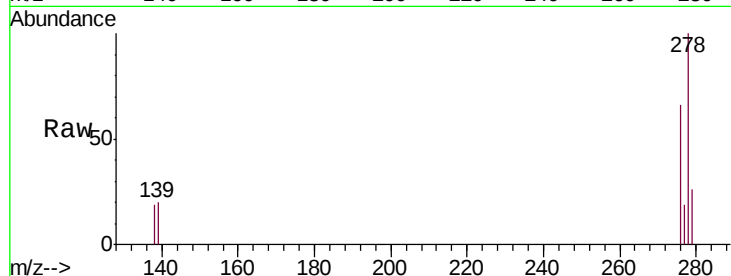




#25
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097417.D
Acq: 7 Sep 2018 9:59

Instrument :
BNA_E
ClientSampleId :
A3YW1

Tgt Ion: 278 Resp: 10260
Ion Ratio Lower Upper
278 100
139 19.5 17.4 26.0
279 25.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.588 ng/ul
RT: 26.18 min Scan# 4408
Delta R.T. -0.00 min
Lab File: BE097417.D
Acq: 7 Sep 2018 9:59

Tgt Ion: 276 Resp: 14836
Ion Ratio Lower Upper
276 100
138 18.8 21.8 32.8#
277 24.4 20.5 30.7

