

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082418\
 Data File : BE097372.D
 Acq On : 24 Aug 2018 17:19
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 24 22:52:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 22:49:42 2018
 Response via : Initial Calibration

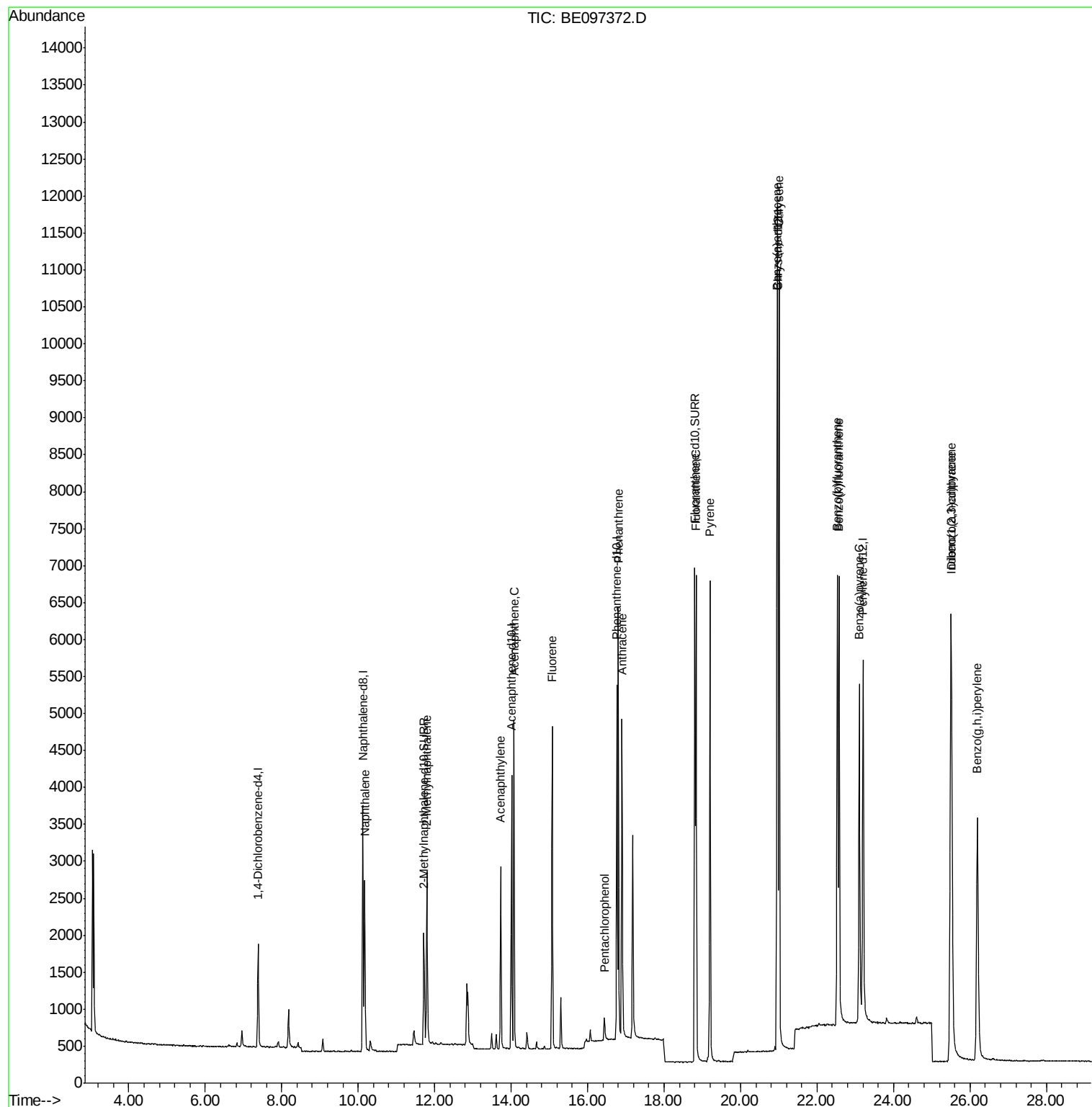
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	758	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	3599	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2009	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	5840	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	7535	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	6864	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2308	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	7832	0.50	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	3593	0.409	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	2287	0.404	ng/ul	98
7) Acenaphthylene	13.73	152	3053	0.337	ng/ul	99
8) Acenaphthene	14.07	153	2561	0.392	ng/ul	96
9) Fluorene	15.07	166	2947	0.415	ng/ul	94
11) Pentachlorophenol	16.44	266	222	0.586	ng/ul	97
12) Phenanthrene	16.80	178	6057	0.401	ng/ul#	89
13) Anthracene	16.90	178	5252	0.415	ng/ul#	91
15) Fluoranthene	18.84	202	7857	0.490	ng/ul	84
17) Pyrene	19.20	202	7775	0.341	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	8006	0.429	ng/ul#	86
19) Chrysene	21.01	228	9016	0.404	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	7724	0.416	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	8566	0.371	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	7210	0.420	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.50	276	9123	0.427	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	7678	0.445	ng/ul#	89
26) Benzo(g,h,i)perylene	26.19	276	7912	0.463	ng/ul#	93

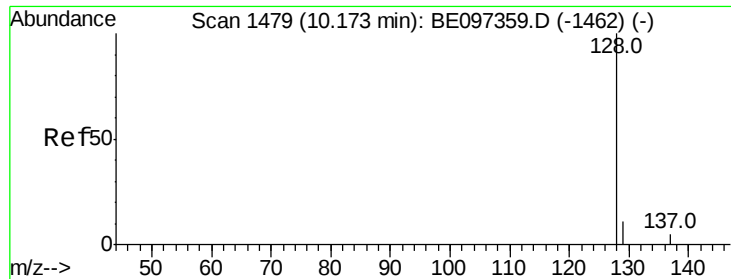
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082418\
Data File : BE097372.D
Acq On : 24 Aug 2018 17:19
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 24 22:51:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 22:49:42 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

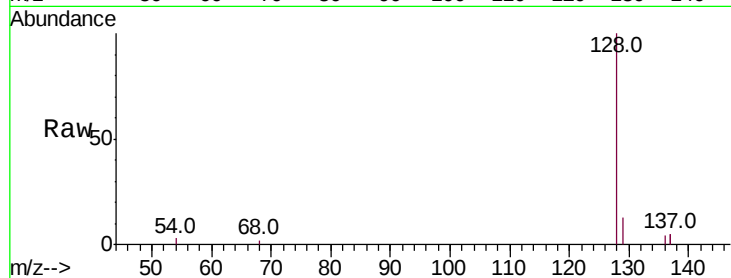
Tot Ion:128 Resp: 3593

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

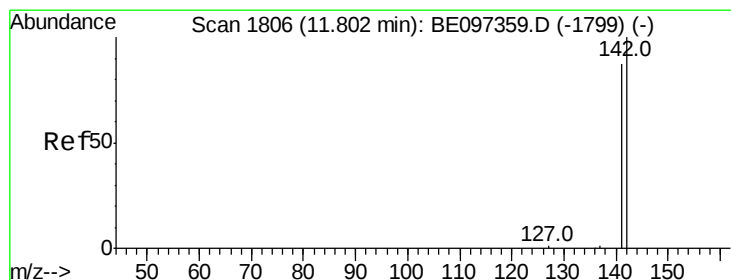
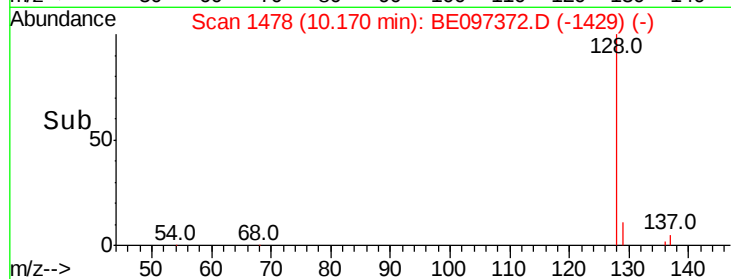
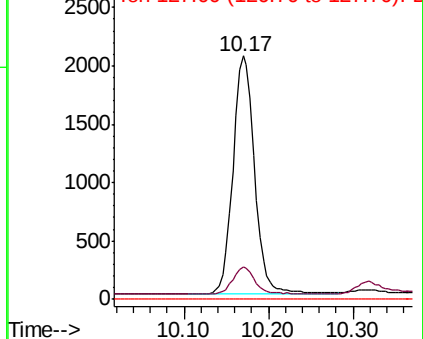
127 0.0 4.0 6.0#



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: 0.404 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BE097372.D

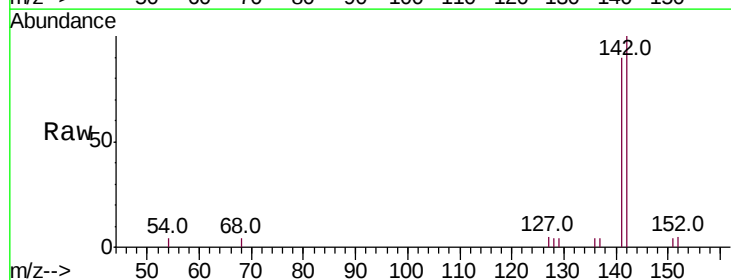
Acq: 24 Aug 2018 17:19

Tgt Ion:142 Resp: 2287

Ion Ratio Lower Upper

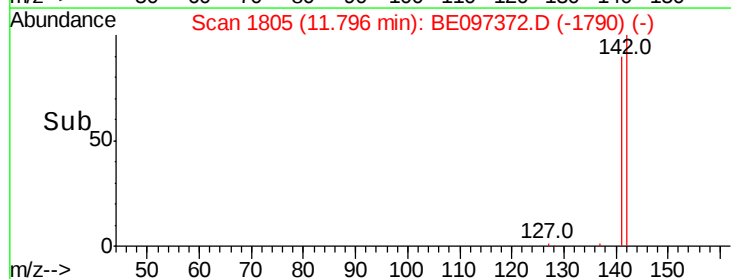
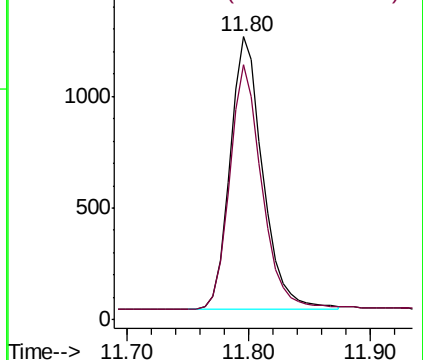
142 100

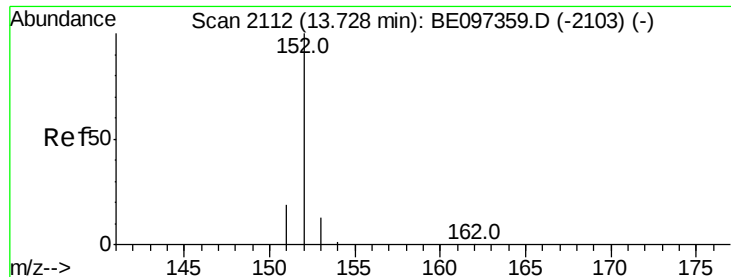
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.337 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

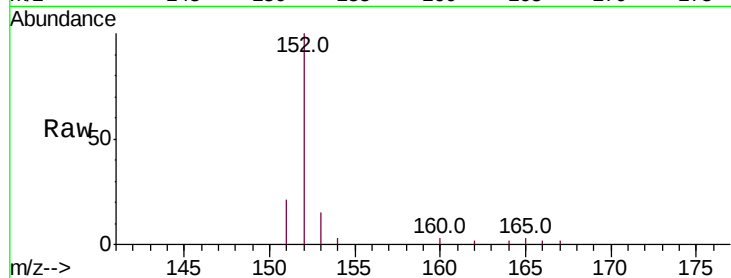
Tot Ion:152 Resp: 3053

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

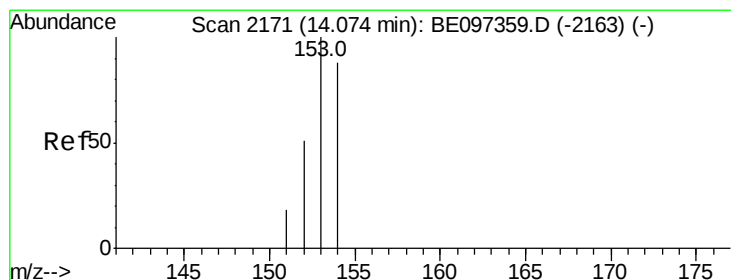
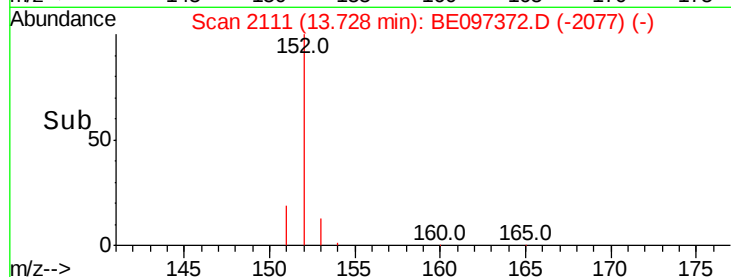
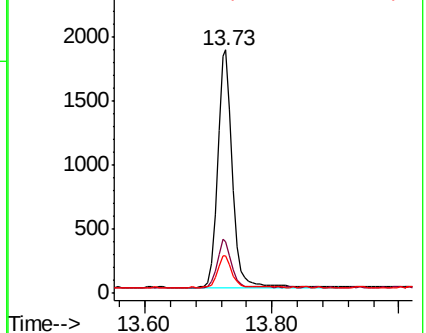
153 15.3 12.8 19.2



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: 0.392 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

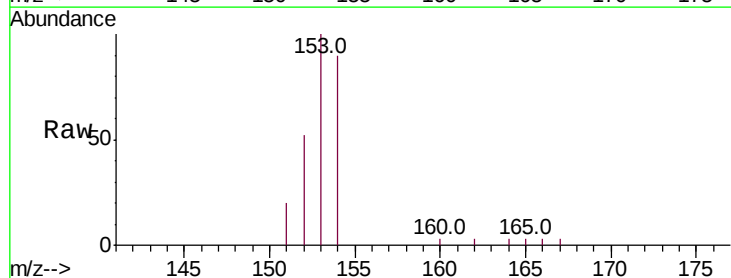
Tgt Ion:153 Resp: 2561

Ion Ratio Lower Upper

153 100

152 51.9 36.0 54.0

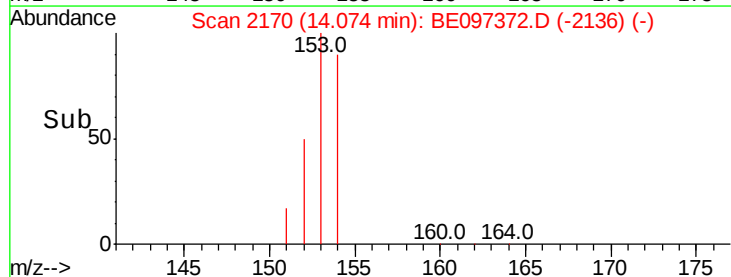
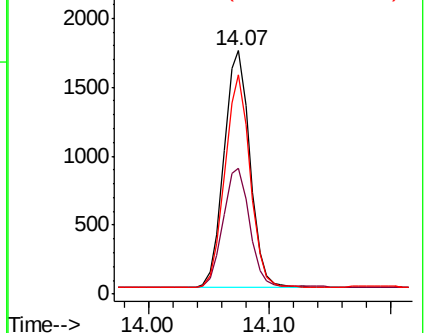
154 90.3 72.0 108.0

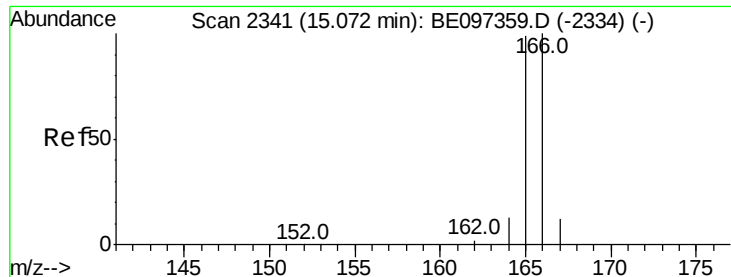


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.415 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

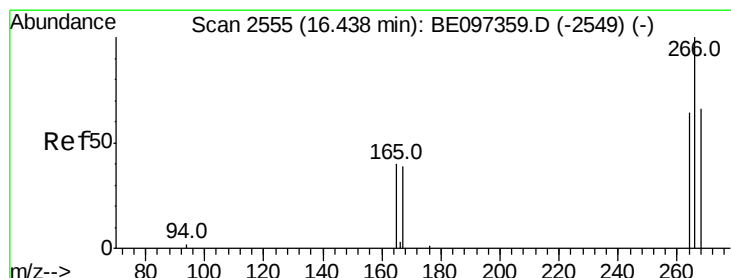
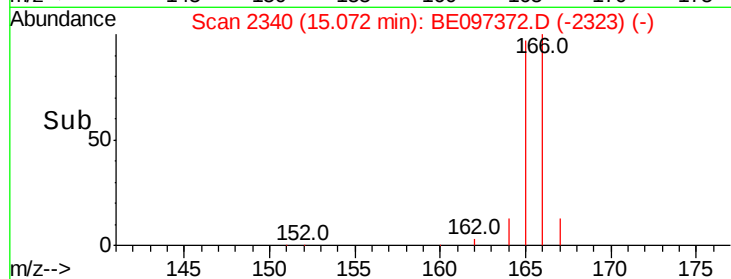
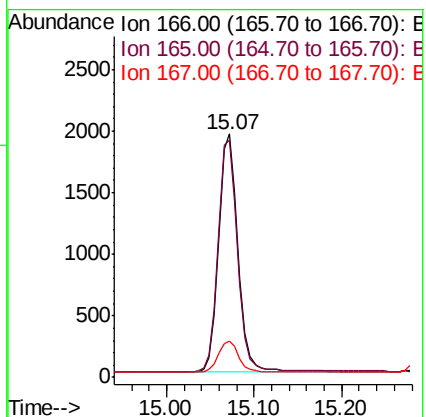
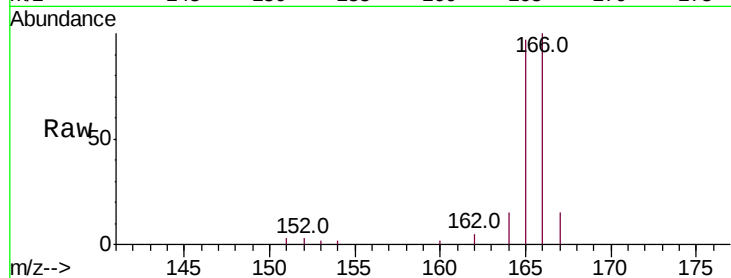
Tot Ion:166 Resp: 2947

Ion Ratio Lower Upper

166 100

165 97.5 73.4 110.2

167 14.7 14.6 22.0



#11

Pentachlorophenol

Concen: 0.586 ng/ul

RT: 16.44 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

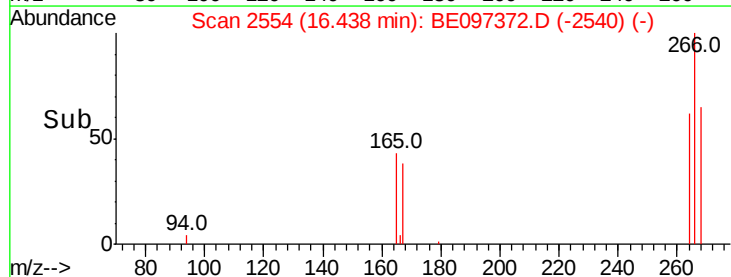
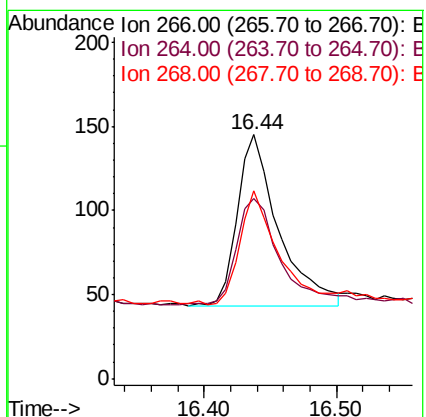
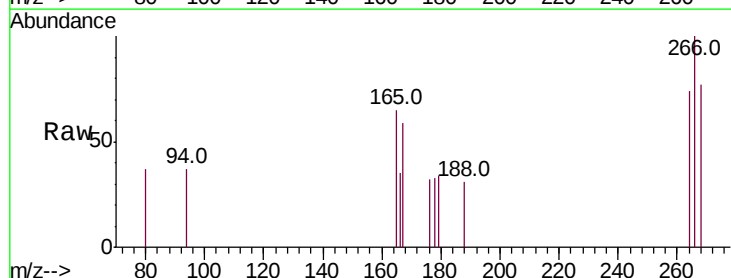
Tgt Ion:266 Resp: 222

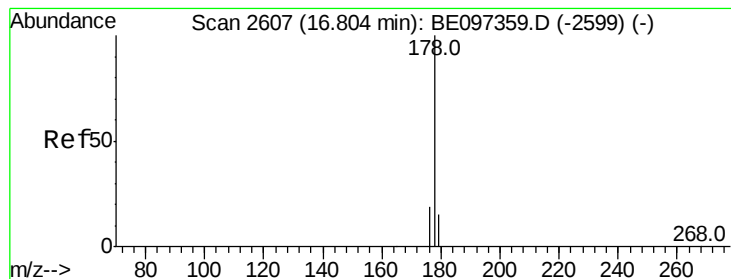
Ion Ratio Lower Upper

266 100

264 64.0 47.9 71.9

268 62.6 49.8 74.8





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

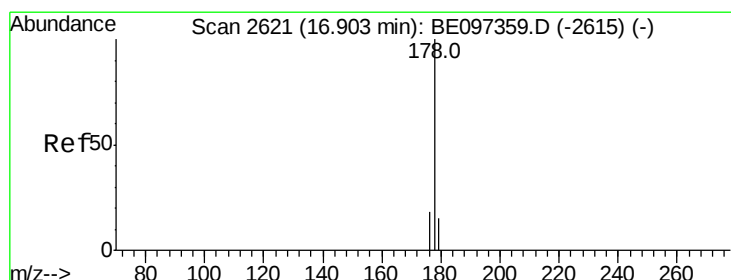
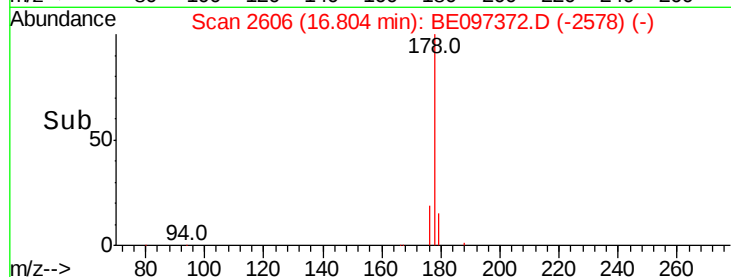
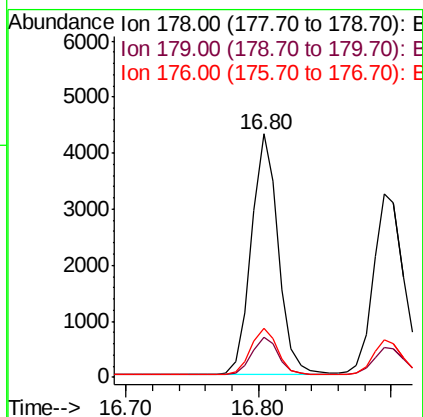
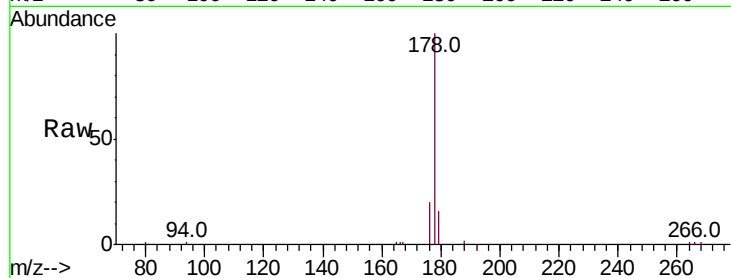
Tot Ion:178 Resp: 6057

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

176 20.3 13.6 20.4



#13

Anthracene

Concen: 0.415 ng/ul

RT: 16.90 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

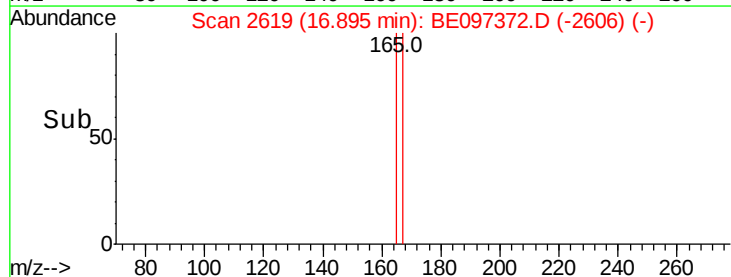
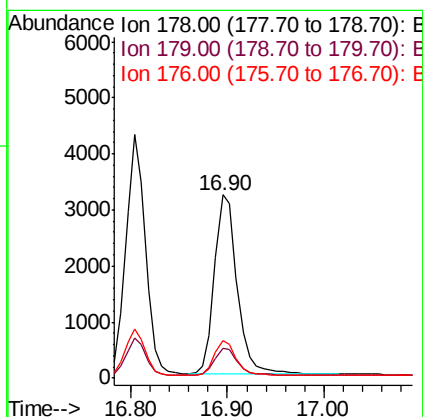
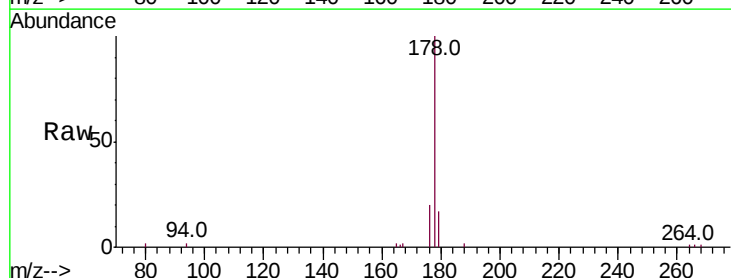
Tgt Ion:178 Resp: 5252

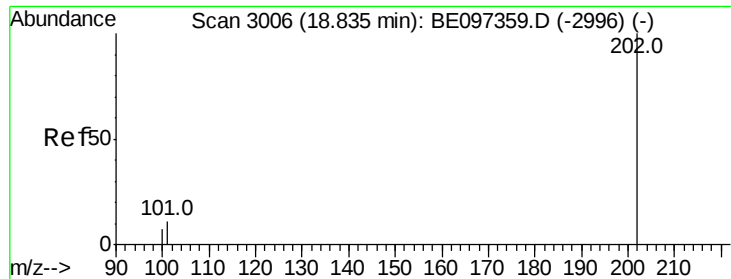
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 20.4 14.7 22.1





#15

Fluoranthene

Concen: 0.490 ng/ul

RT: 18.84 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

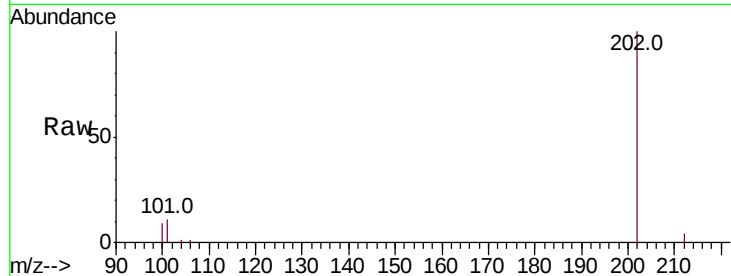
Tot Ion:202 Resp: 7857

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

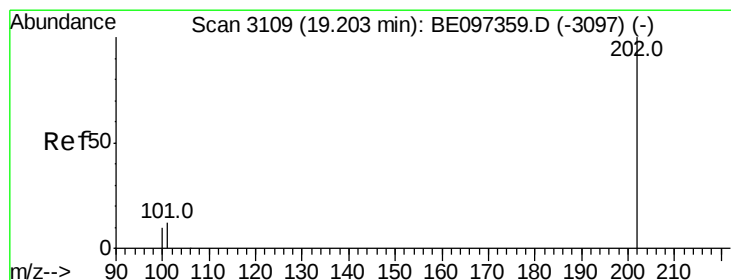
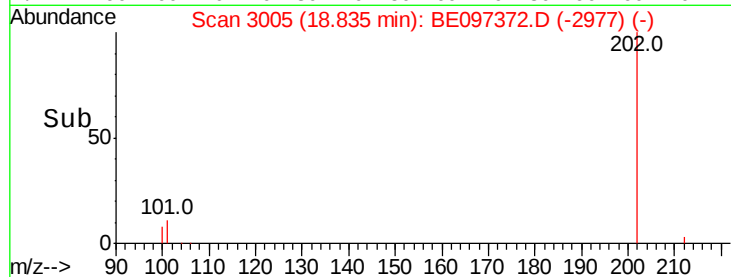
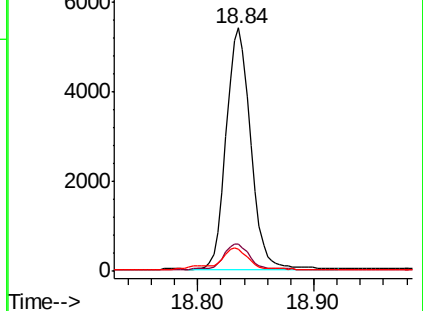
100 9.0 0.0 39.5



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: 0.341 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

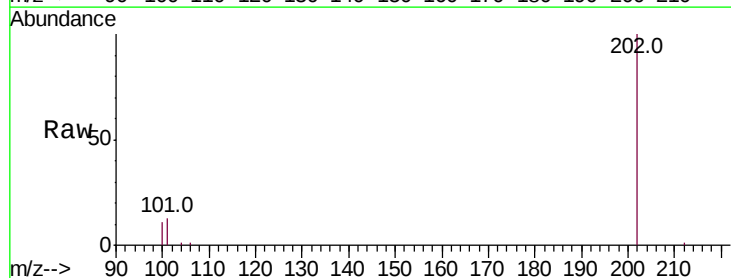
Tgt Ion:202 Resp: 7775

Ion Ratio Lower Upper

202 100

101 12.8 18.2 27.4#

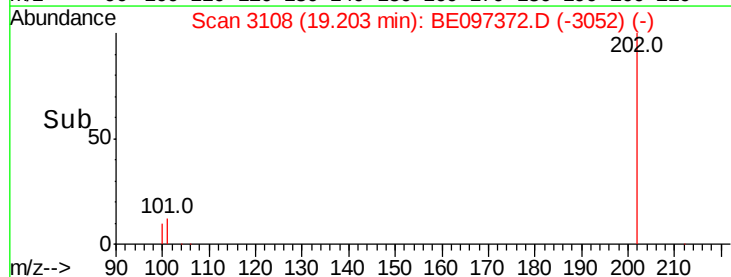
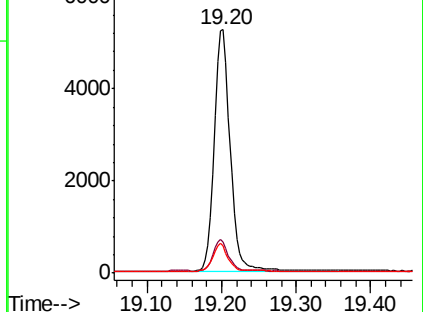
100 11.2 15.6 23.4#

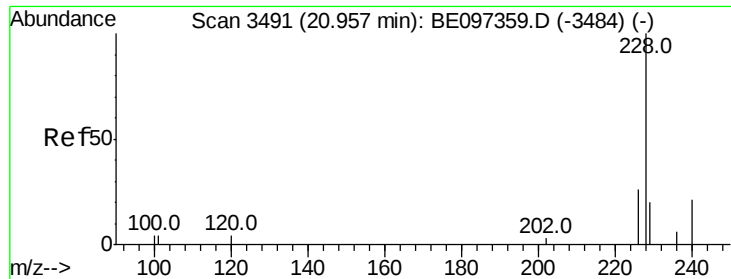


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.429 ng/ul

RT: 20.96 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

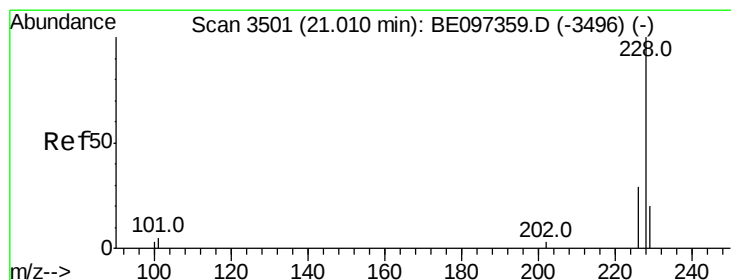
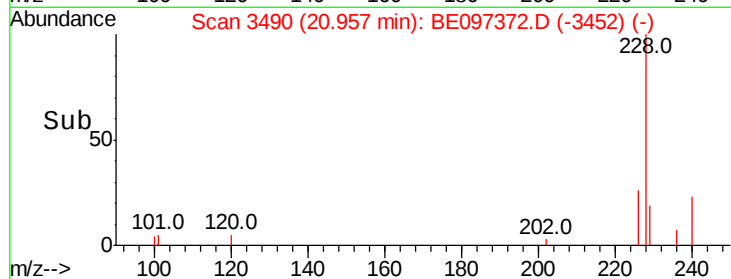
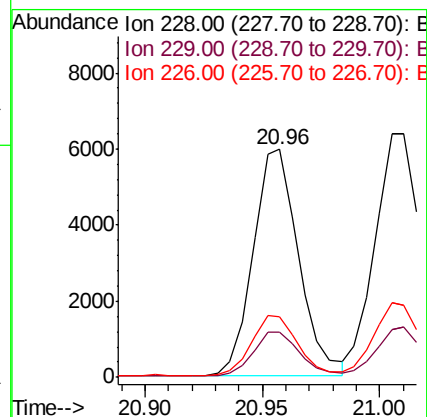
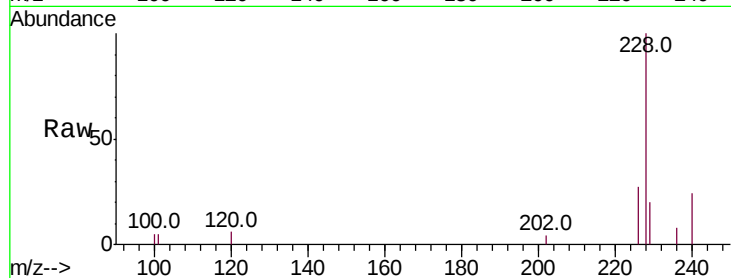
Tot Ion:228 Resp: 8006

Ion Ratio Lower Upper

228 100

229 20.1 22.8 34.2#

226 26.8 17.0 25.6#



#19

Chrysene

Concen: 0.404 ng/ul

RT: 21.01 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

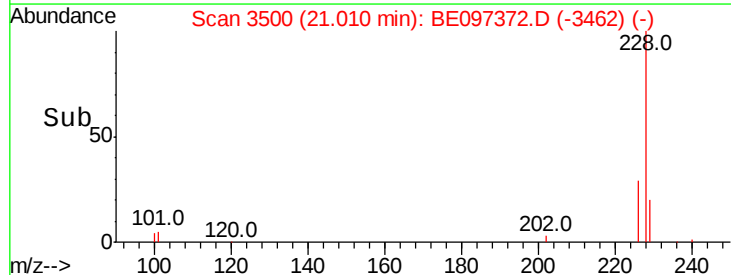
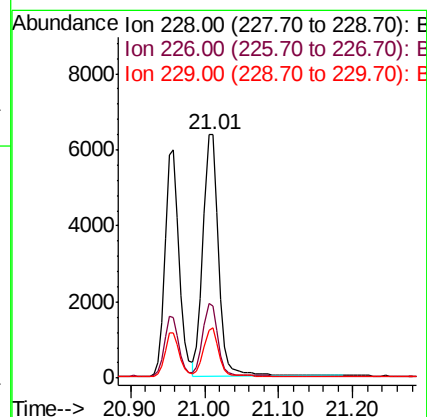
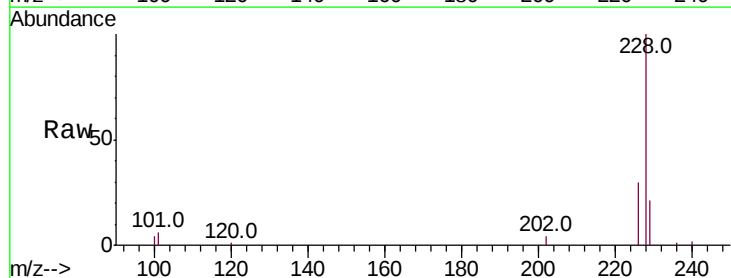
Tgt Ion:228 Resp: 9016

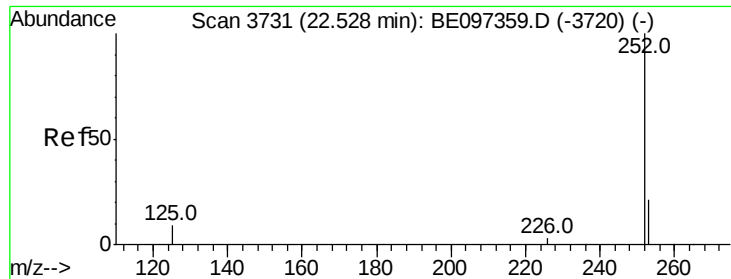
Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

229 20.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.416 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

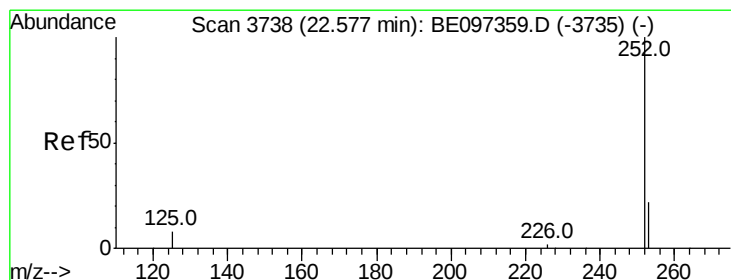
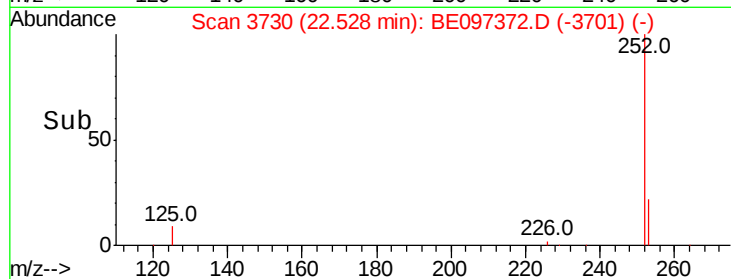
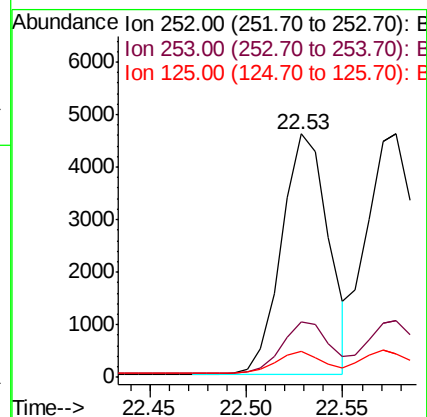
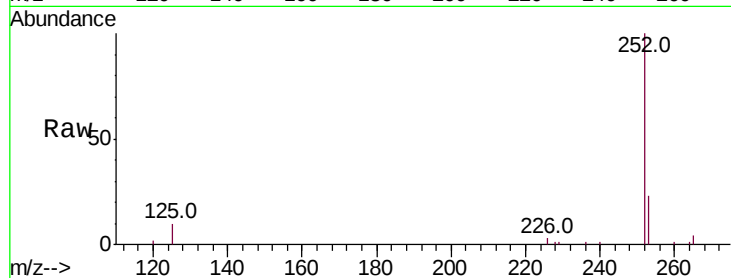
Tot Ion:252 Resp: 7724

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

125 10.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.371 ng/ul

RT: 22.58 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

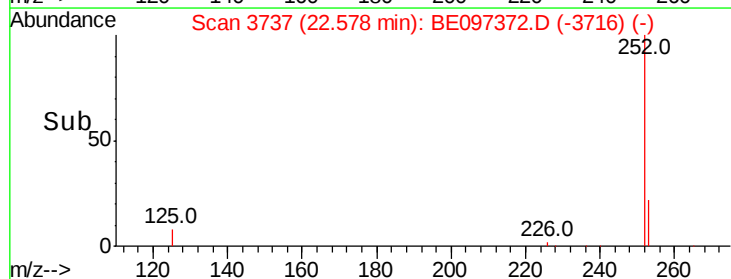
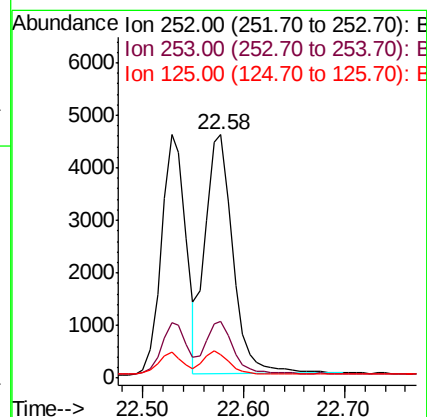
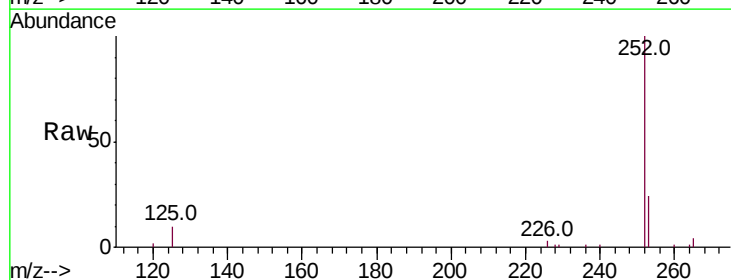
Tgt Ion:252 Resp: 8566

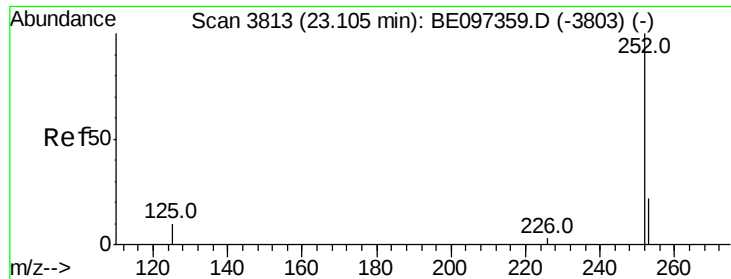
Ion Ratio Lower Upper

252 100

253 23.6 24.5 36.7#

125 9.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.420 ng/ul

RT: 23.11 min Scan# 3812

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

Instrument :

BNA_E

ClientSampleId :

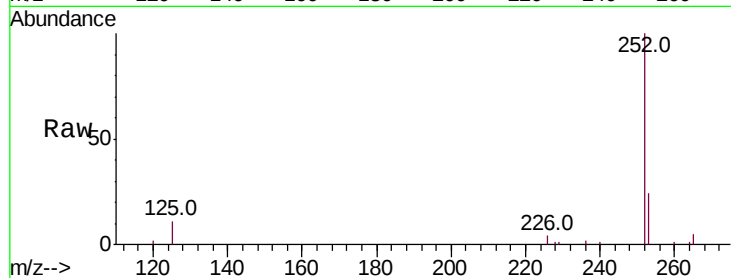
Tot Ion:252 Resp: 7210

Ion Ratio Lower Upper

252 100

253 24.2 28.5 42.7#

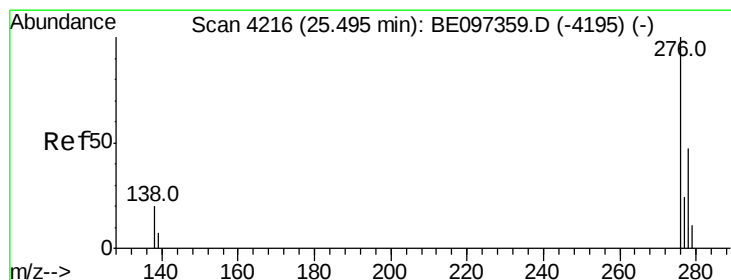
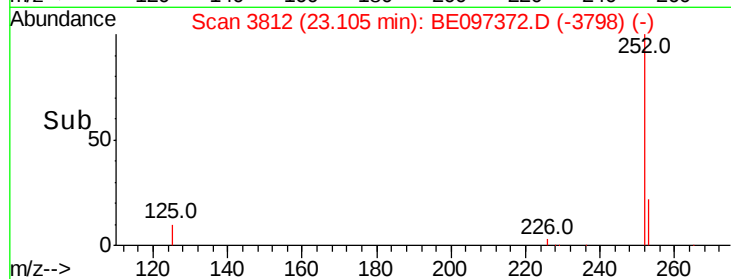
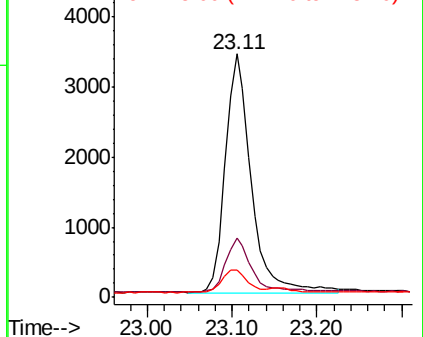
125 11.5 18.1 27.1#



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: 0.427 ng/ul

RT: 25.50 min Scan# 4215

Delta R.T. 0.00 min

Lab File: BE097372.D

Acq: 24 Aug 2018 17:19

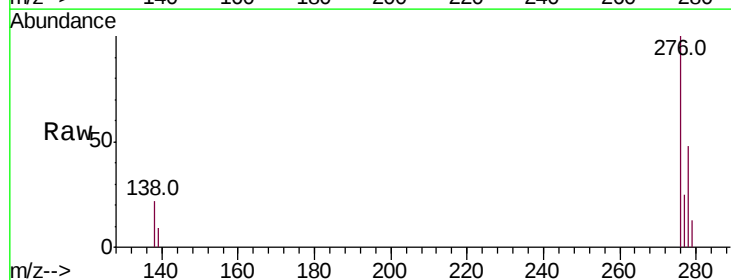
Tgt Ion:276 Resp: 9123

Ion Ratio Lower Upper

276 100

138 21.8 28.0 42.0#

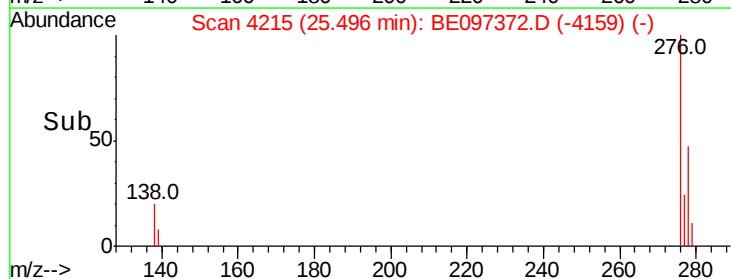
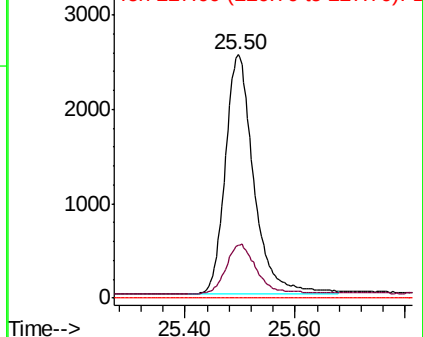
227 0.0 8.0 12.0#

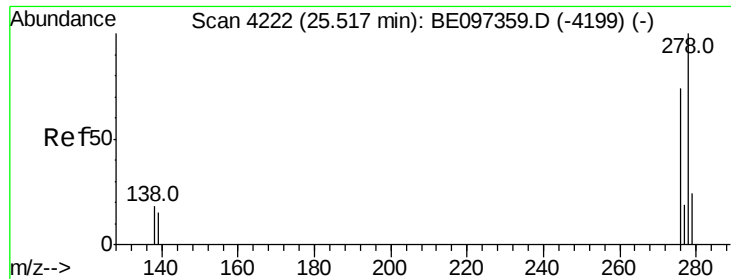


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

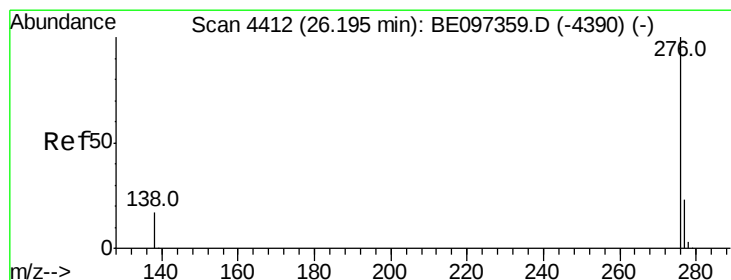
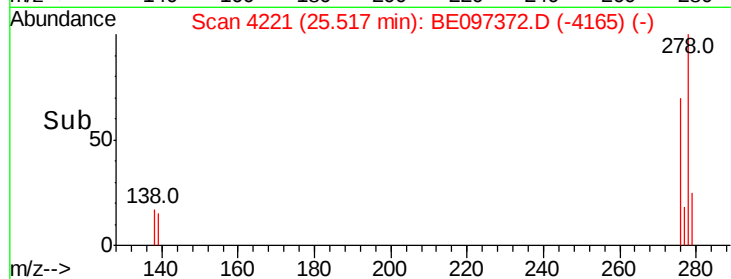
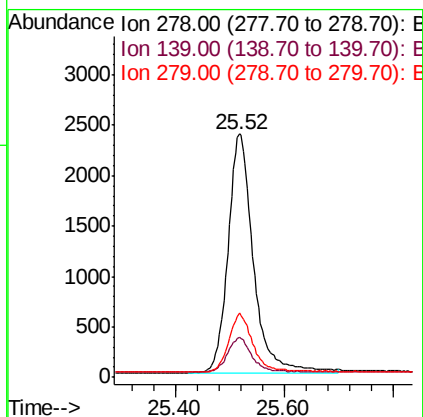
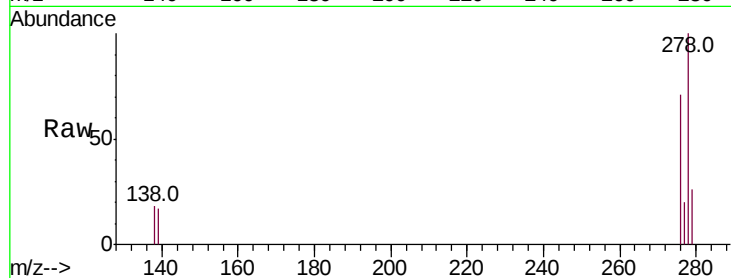




#25
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 25.52 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097372.D
Acq: 24 Aug 2018 17:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7678
Ion Ratio Lower Upper
278 100
139 16.6 17.4 26.0#
279 26.3 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. -0.00 min
Lab File: BE097372.D
Acq: 24 Aug 2018 17:19

Tgt Ion:276 Resp: 7912
Ion Ratio Lower Upper
276 100
138 20.2 21.8 32.8#
277 25.2 20.5 30.7

