

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097172.D
 Acq On : 3 Aug 2018 9:14
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 11:26:12 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 : Fri Aug 03 11:26:05 2018
 Response via : Initial Calibration

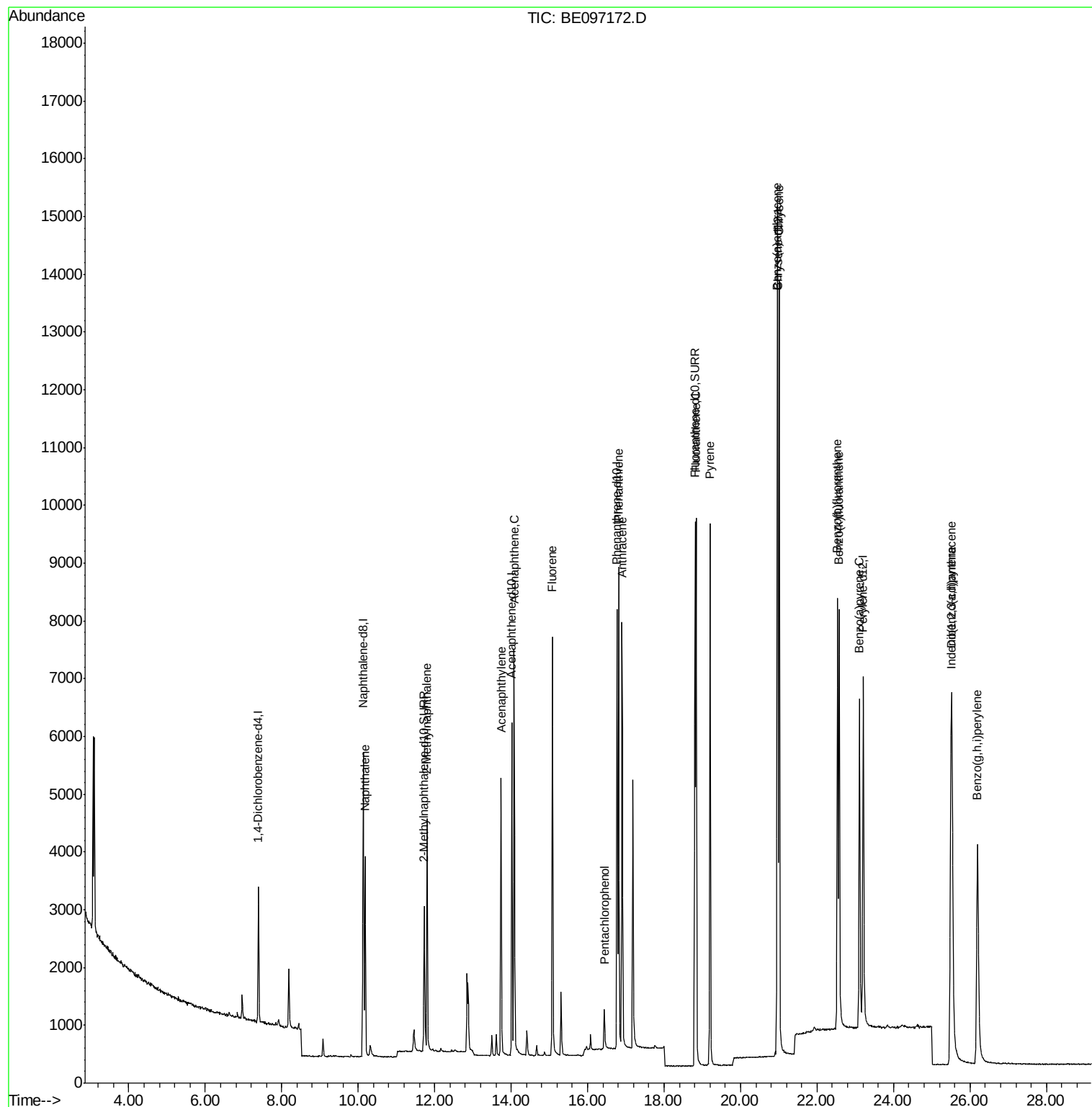
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3334	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9269	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9453	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8538	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3629	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11083	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	5213	0.389	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	3569	0.403	ng/ul	98
7) Acenaphthylene	13.73	152	5777	0.401	ng/ul	96
8) Acenaphthene	14.08	153	4115	0.395	ng/ul#	93
9) Fluorene	15.08	166	4794	0.400	ng/ul	93
11) Pentachlorophenol	16.44	266	440	0.331	ng/ul	97
12) Phenanthrene	16.81	178	9112	0.386	ng/ul#	89
13) Anthracene	16.90	178	8225	0.373	ng/ul#	92
15) Fluoranthene	18.84	202	11046	0.354	ng/ul	84
17) Pyrene	19.20	202	10623	0.419	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	10094	0.374	ng/ul#	84
19) Chrysene	21.01	228	10874	0.391	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	9423	0.405	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	10059	0.401	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	9114	0.391	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	11312	0.388	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.53	278	9296	0.390	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	9922	0.394	ng/ul#	92

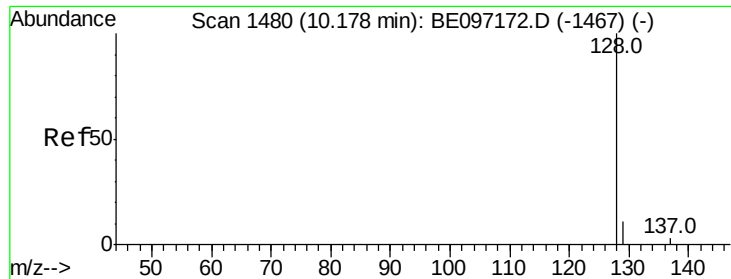
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

Instrument :

BNA_E

ClientSampleId :

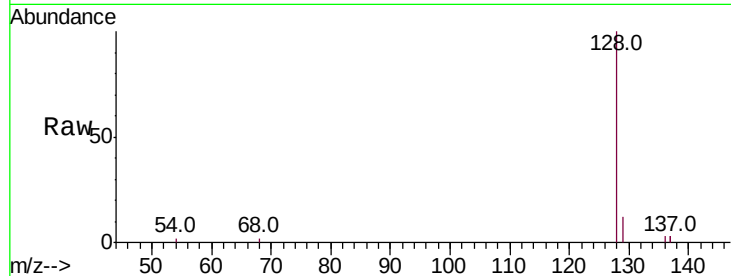
Tot Ion:128 Resp: 5213

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

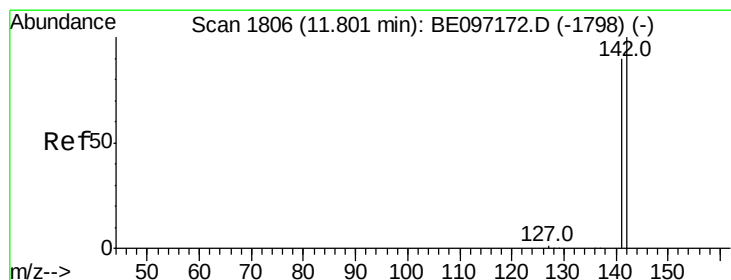
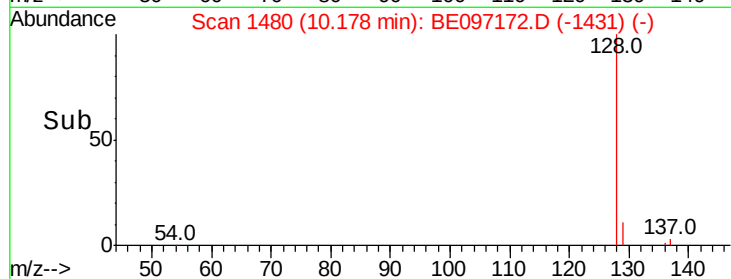
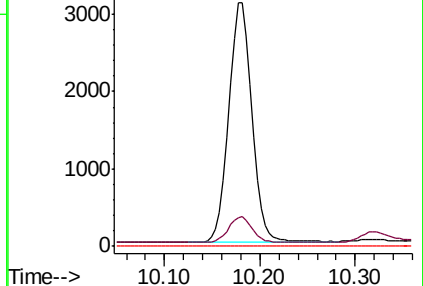
127 0.0 4.0 6.0#



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: 0.403 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097172.D

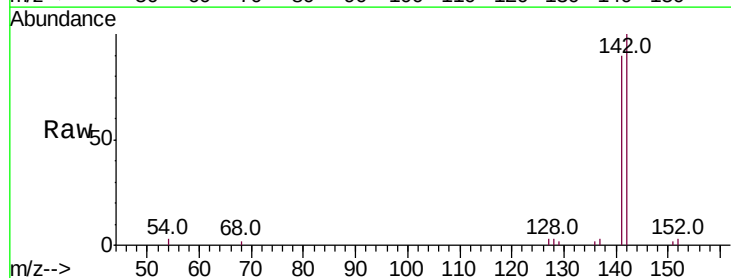
Acq: 3 Aug 2018 9:14

Tgt Ion:142 Resp: 3569

Ion Ratio Lower Upper

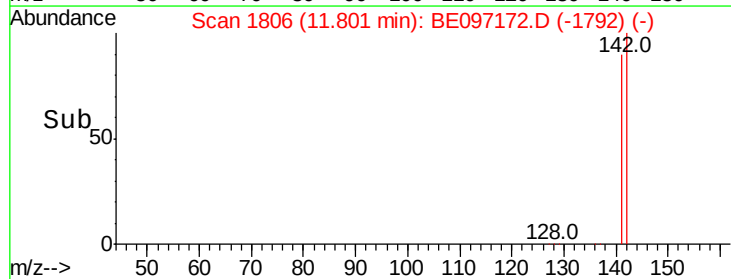
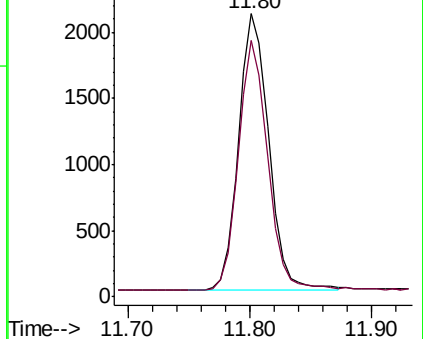
142 100

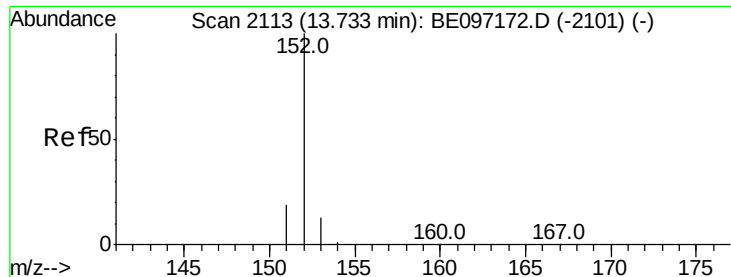
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

Instrument :

BNA_E

ClientSampleId :

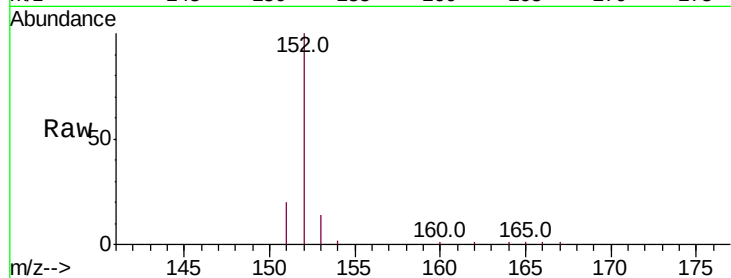
Tot Ion:152 Resp: 5777

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

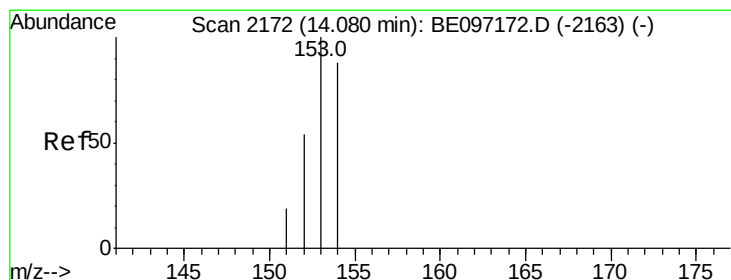
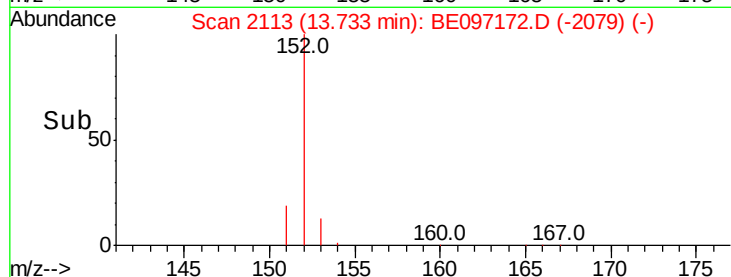
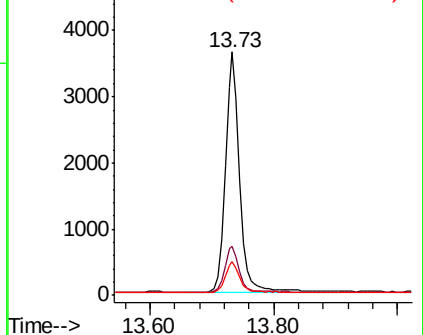
153 13.7 12.8 19.2



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: 0.395 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

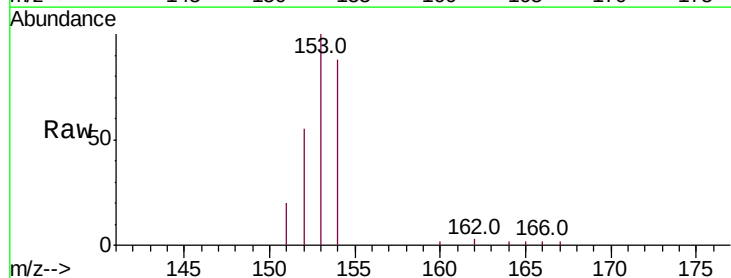
Tgt Ion:153 Resp: 4115

Ion Ratio Lower Upper

153 100

152 55.0 36.0 54.0#

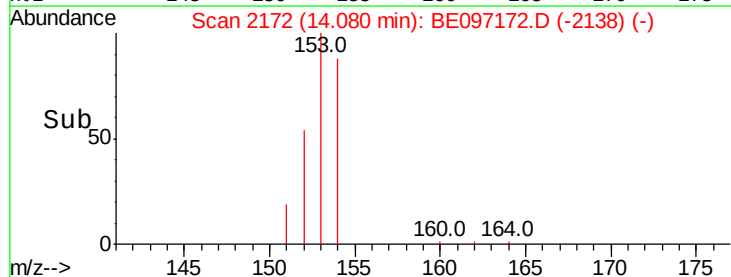
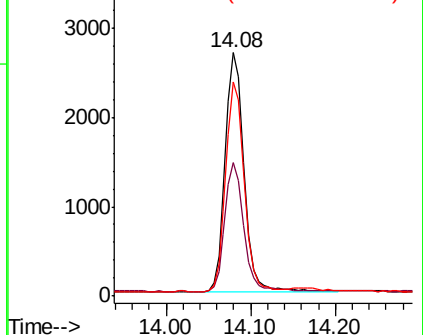
154 87.9 72.0 108.0

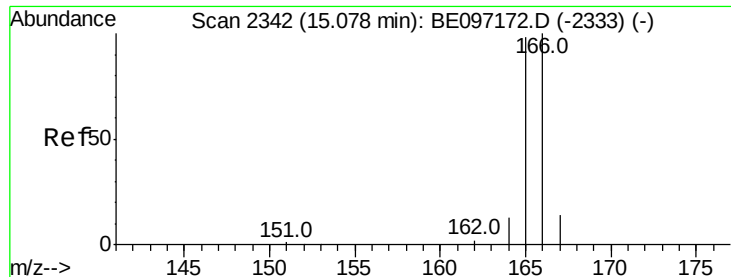


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

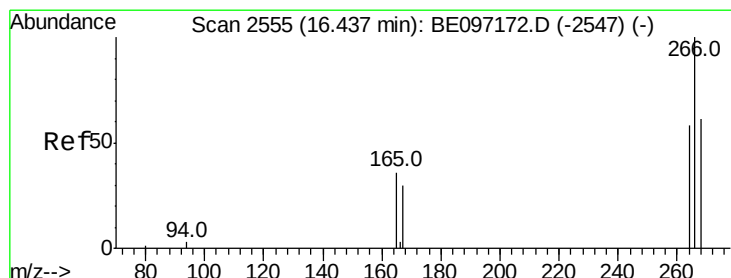
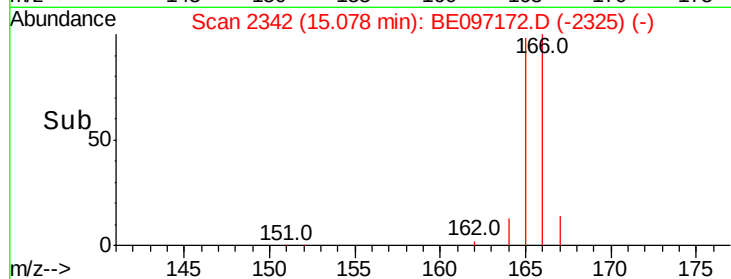
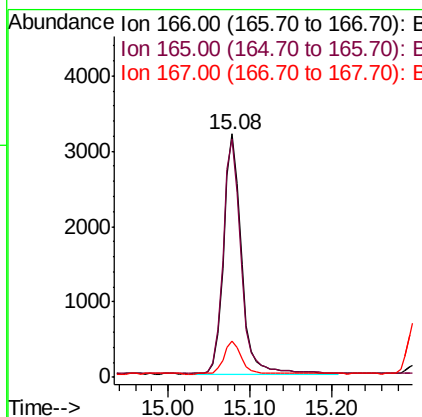
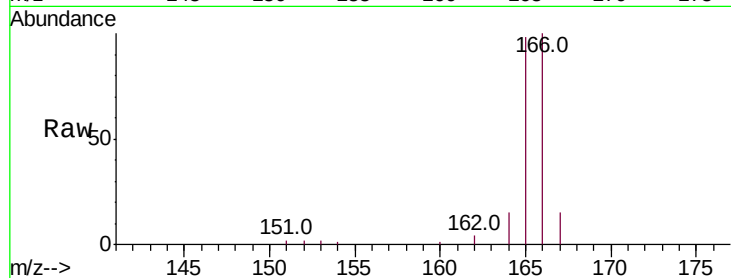




#9
Fluorene
 Concen: 0.400 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097172.D
 Acq: 3 Aug 2018 9:14

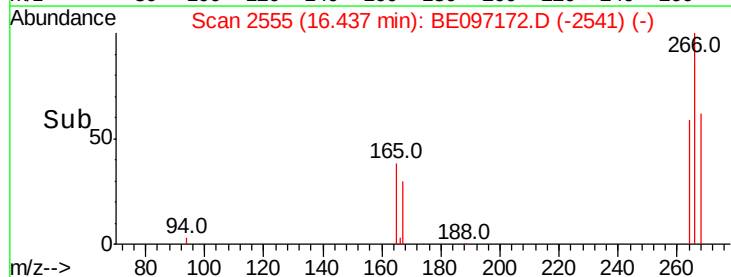
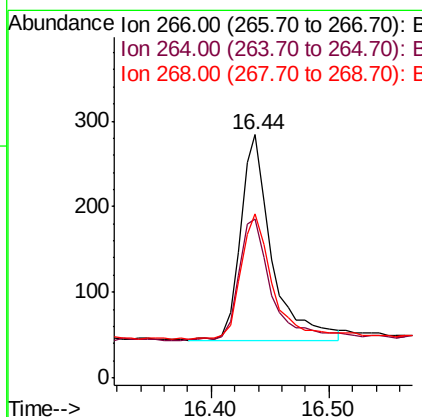
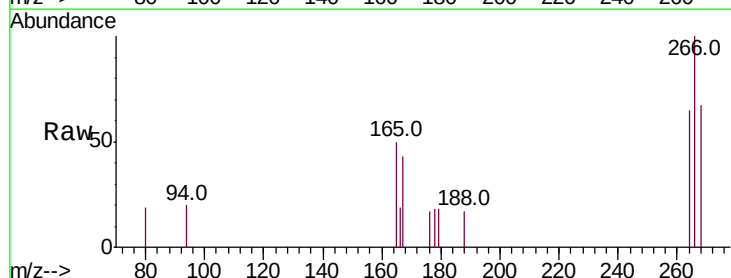
Instrument :
 BNA_E
 ClientSampleId :

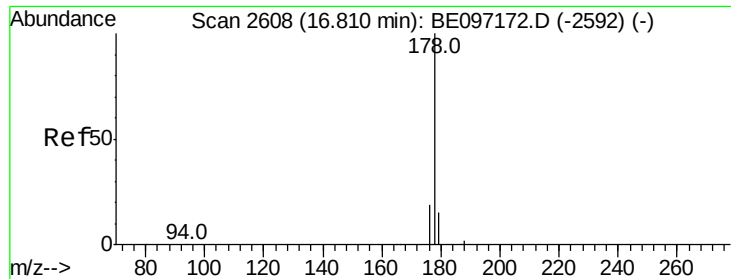
Tot Ion:166 Resp: 4794
 Ion Ratio Lower Upper
 166 100
 165 98.0 73.4 110.2
 167 14.8 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.331 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BE097172.D
 Acq: 3 Aug 2018 9:14

Tgt Ion:266 Resp: 440
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 63.0 49.8 74.8

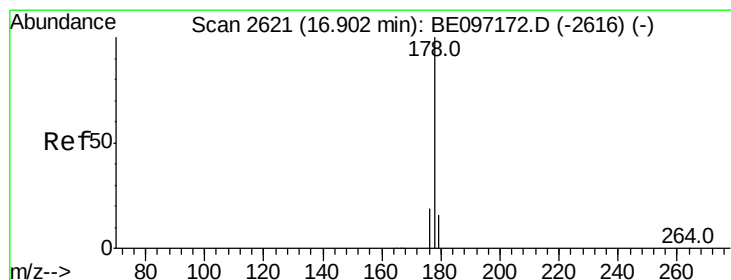
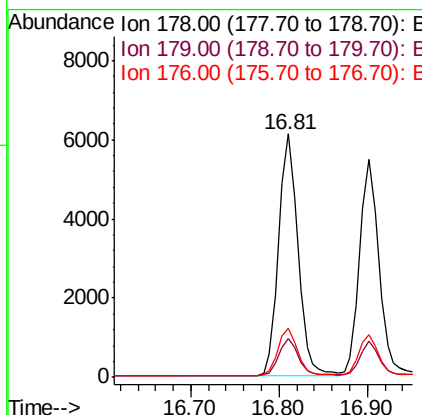
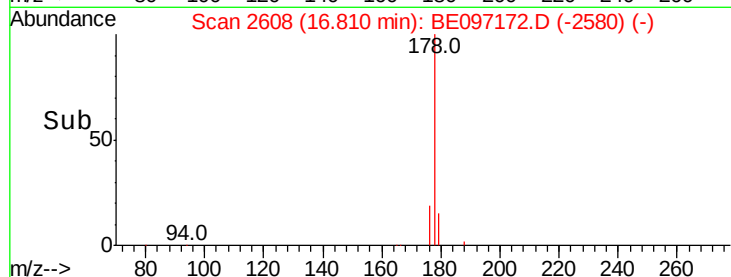
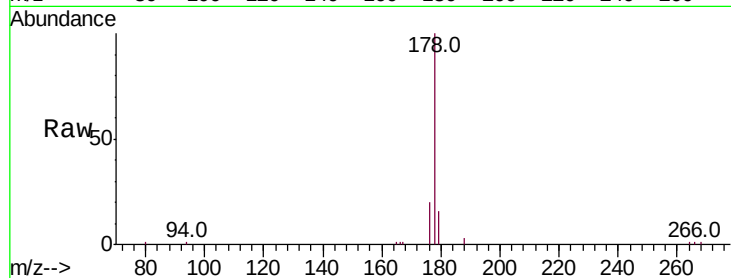




#12
Phenanthrene
Concen: 0.386 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

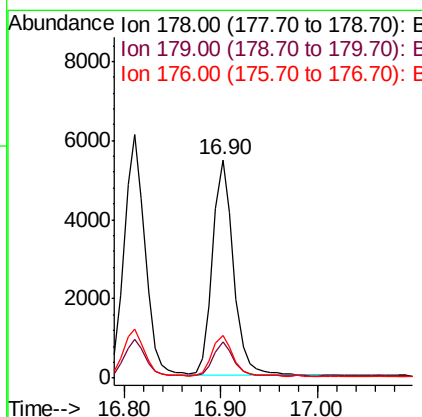
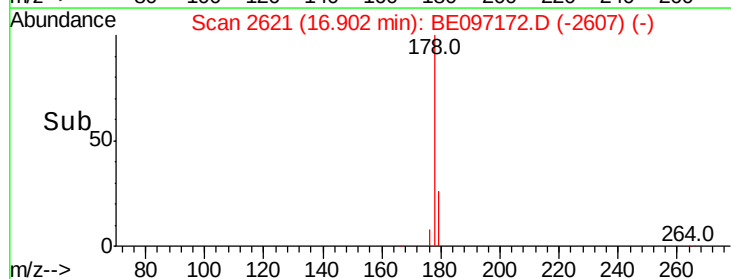
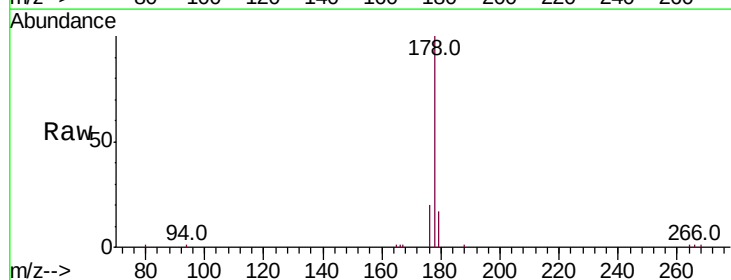
Instrument :
BNA_E
ClientSampleId :

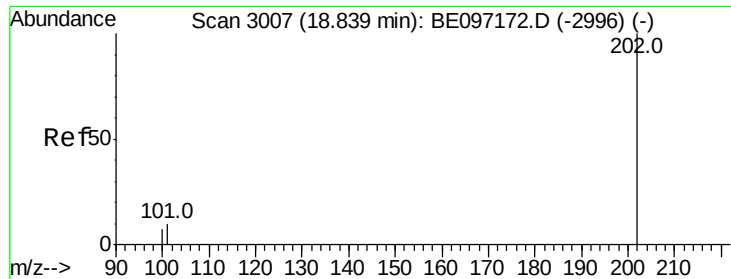
Tot Ion:178 Resp: 9112
Ion Ratio Lower Upper
178 100
179 16.0 18.4 27.6#
176 19.9 13.6 20.4



#13
Anthracene
Concen: 0.373 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

Tgt Ion:178 Resp: 8225
Ion Ratio Lower Upper
178 100
179 16.8 18.1 27.1#
176 19.6 14.7 22.1

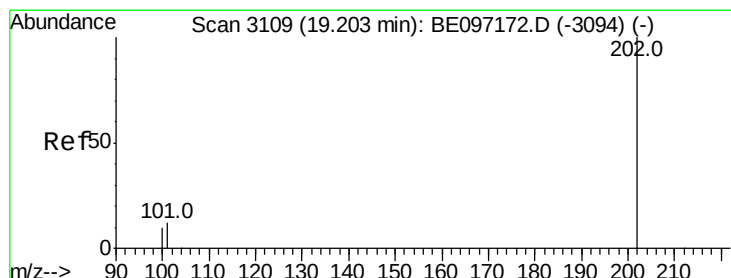
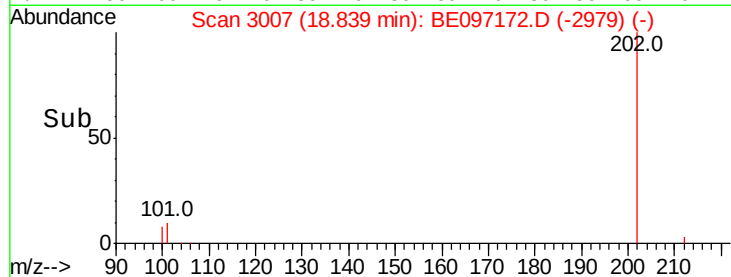
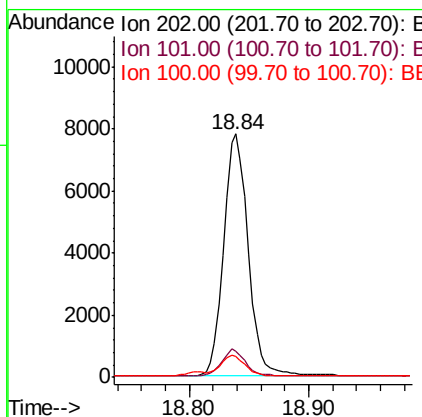
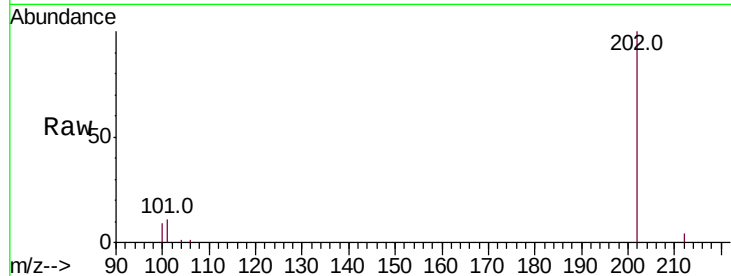




#15
 Fluoranthene
 Concen: 0.354 ng/ul
 RT: 18.84 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BE097172.D
 Acq: 3 Aug 2018 9:14

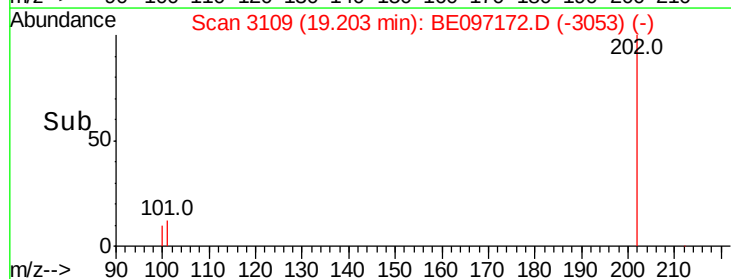
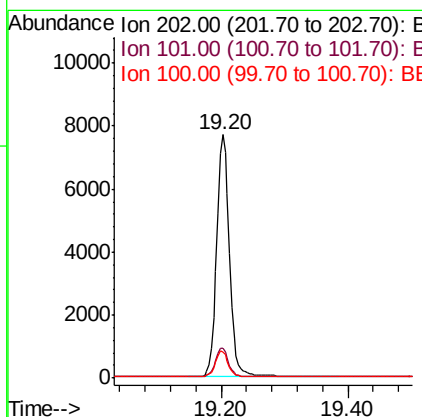
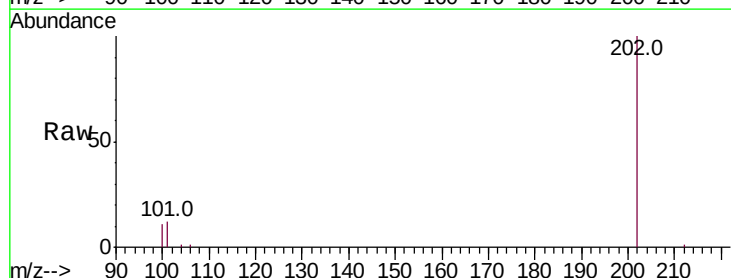
Instrument :
 BNA_E
 ClientSampleId :

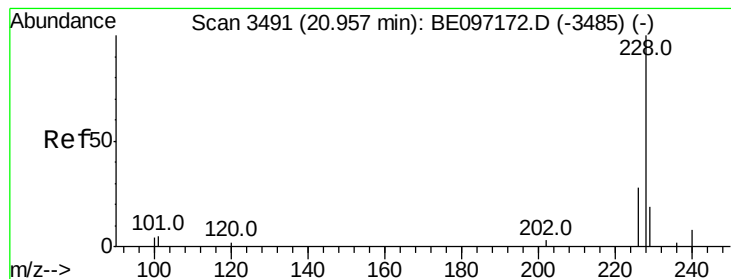
Tot Ion:202 Resp: 11046
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.3
 100 8.5 0.0 39.5



#17
 Pyrene
 Concen: 0.419 ng/ul
 RT: 19.20 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BE097172.D
 Acq: 3 Aug 2018 9:14

Tgt Ion:202 Resp: 10623
 Ion Ratio Lower Upper
 202 100
 101 12.3 18.2 27.4#
 100 10.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.374 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

Instrument :

BNA_E

ClientSampleId :

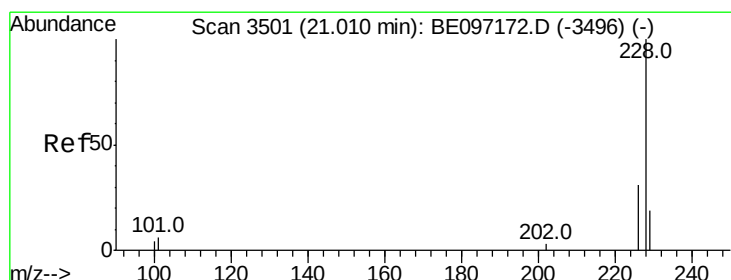
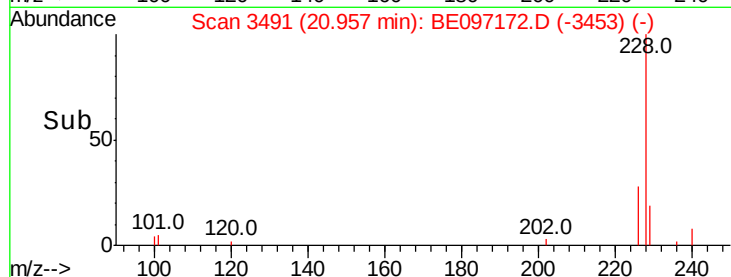
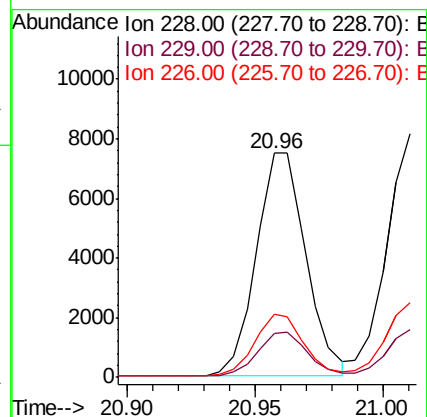
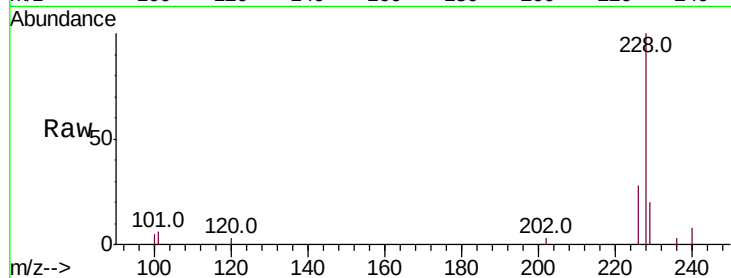
Tot Ion:228 Resp: 10094

Ion Ratio Lower Upper

228 100

229 19.7 22.8 34.2#

226 28.1 17.0 25.6#



#19

Chrysene

Concen: 0.391 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

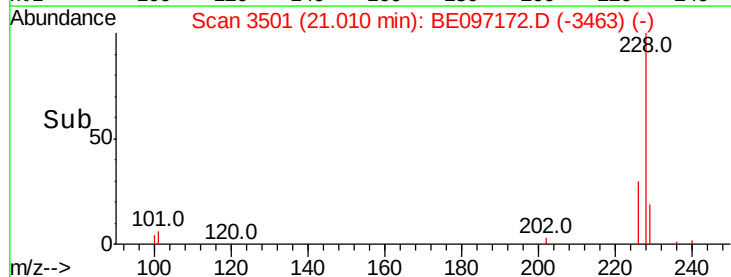
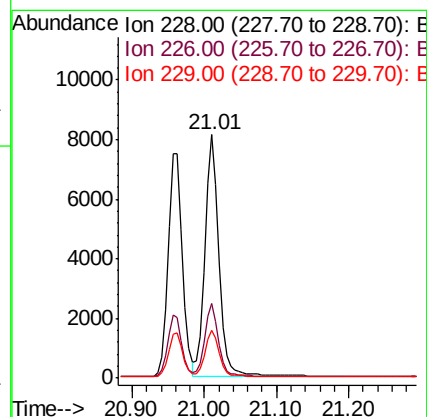
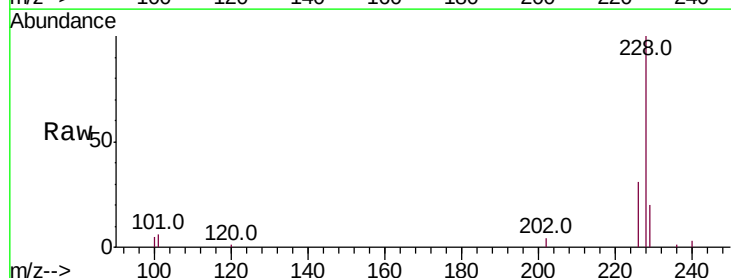
Tgt Ion:228 Resp: 10874

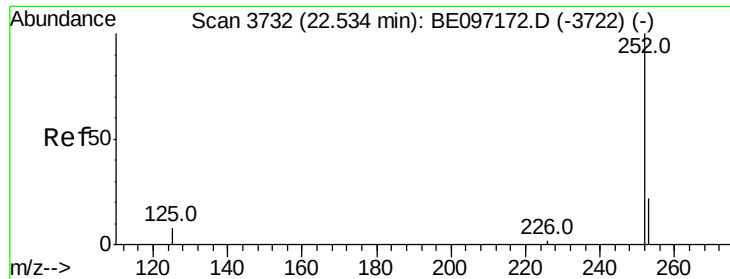
Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

229 19.9 17.7 26.5

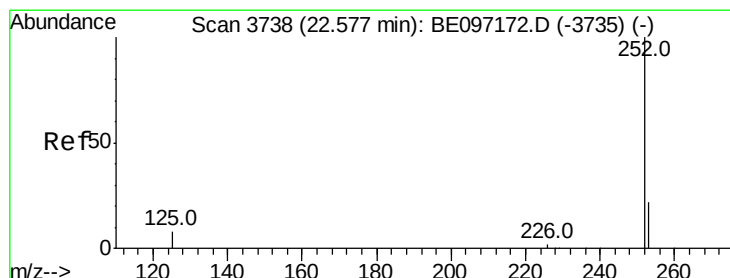
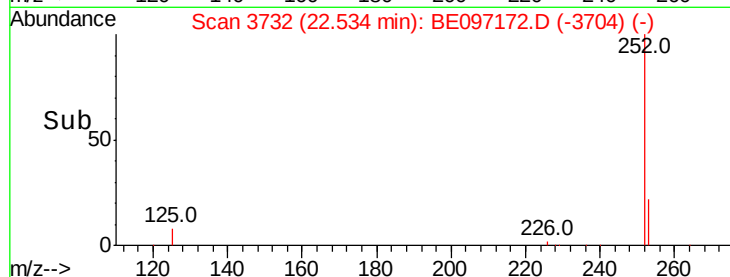
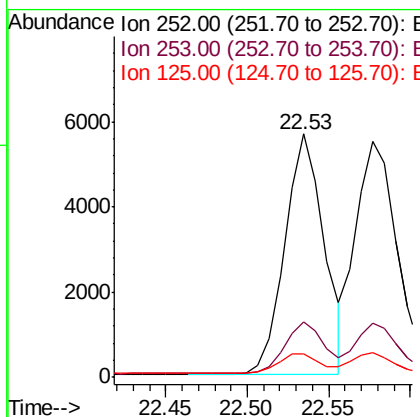
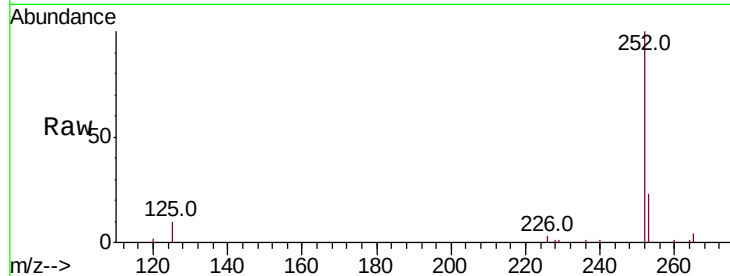




#21
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

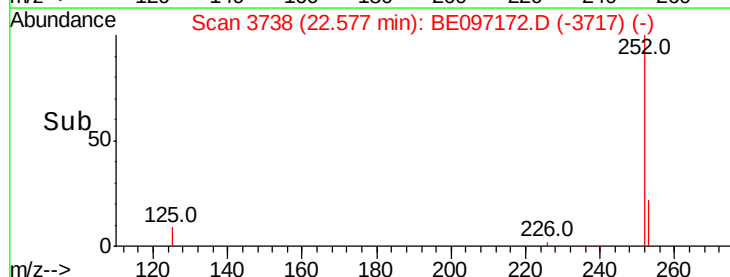
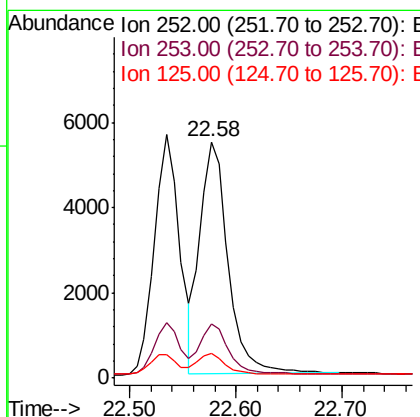
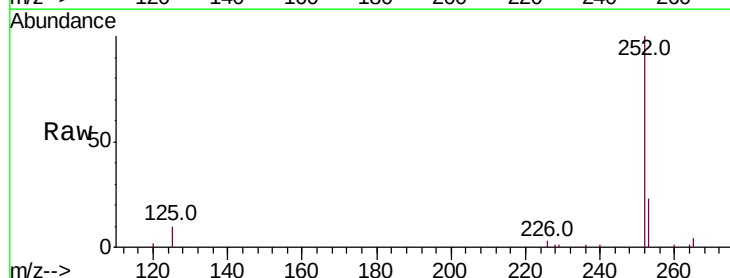
Instrument :
BNA_E
ClientSampleId :

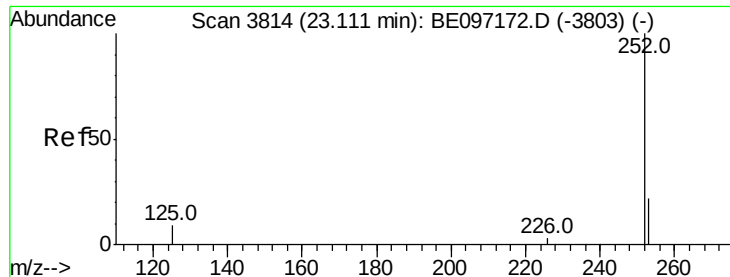
Tot Ion:252 Resp: 9423
Ion Ratio Lower Upper
252 100
253 22.9 0.0 64.2
125 9.8 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

Tgt Ion:252 Resp: 10059
Ion Ratio Lower Upper
252 100
253 23.1 24.5 36.7#
125 10.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

Instrument :

BNA_E

ClientSampleId :

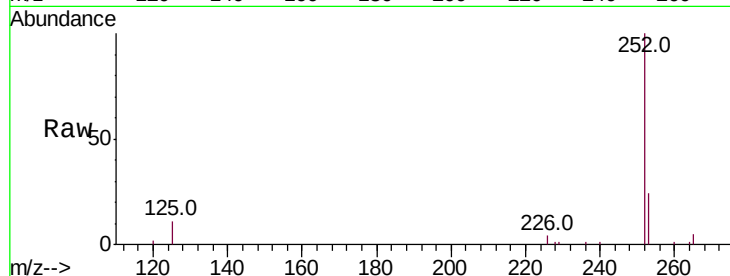
Tot Ion:252 Resp: 9114

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

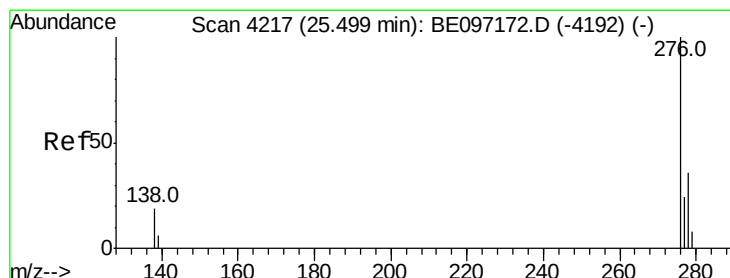
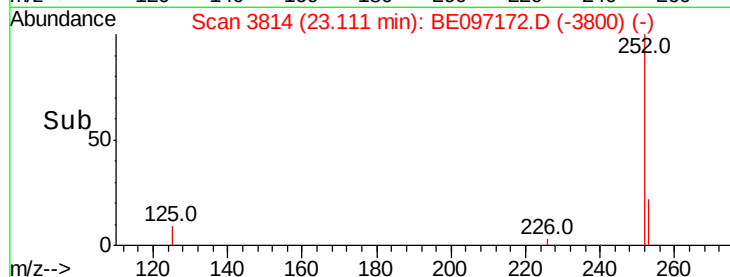
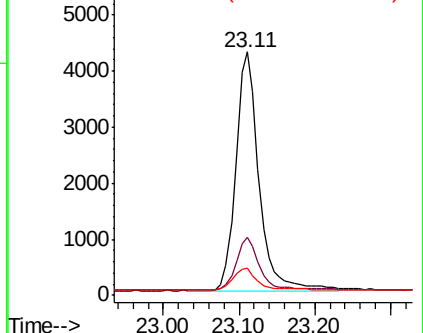
125 11.1 18.1 27.1#



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: 0.388 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BE097172.D

Acq: 3 Aug 2018 9:14

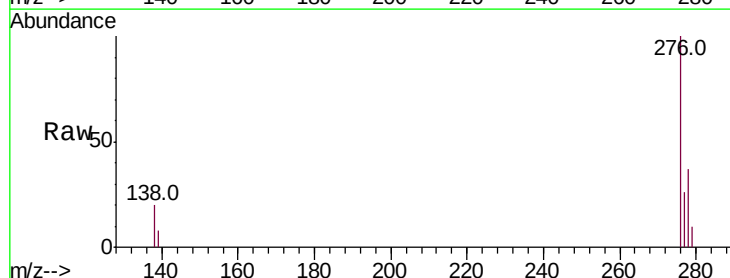
Tgt Ion:276 Resp: 11312

Ion Ratio Lower Upper

276 100

138 21.1 28.0 42.0#

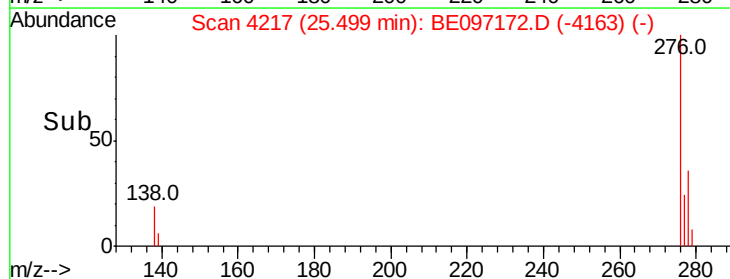
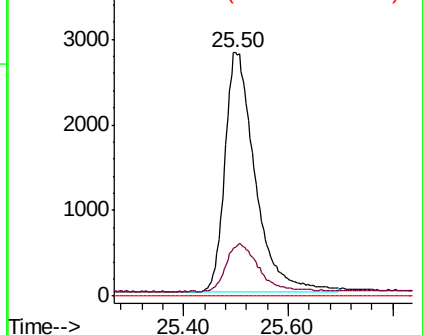
227 0.0 8.0 12.0#

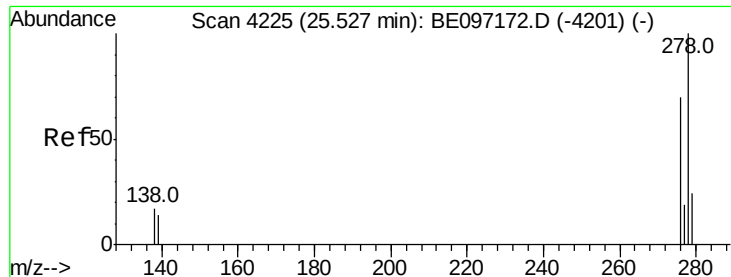


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

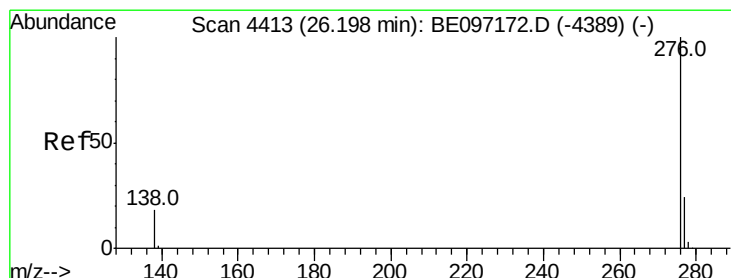
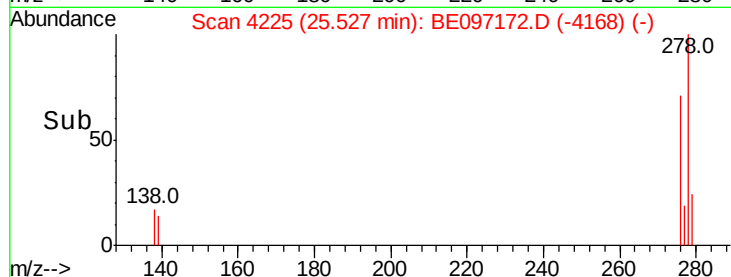
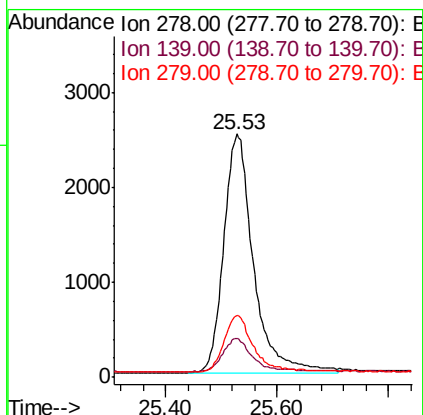
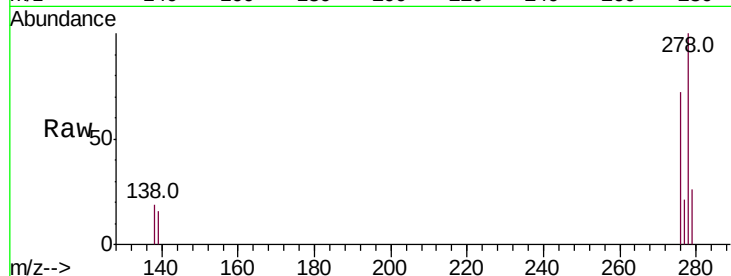




#25
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 9296
Ion Ratio Lower Upper
278 100
139 16.0 17.4 26.0#
279 25.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE097172.D
Acq: 3 Aug 2018 9:14

Tgt Ion:276 Resp: 9922
Ion Ratio Lower Upper
276 100
138 19.5 21.8 32.8#
277 25.2 20.5 30.7

