

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097291.D
 Acq On : 17 Aug 2018 11:01
 Operator : SJ/JU
 Sample : SST00.202
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 12:20:07 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 17 12:19:40 2018
 Response via : Initial Calibration

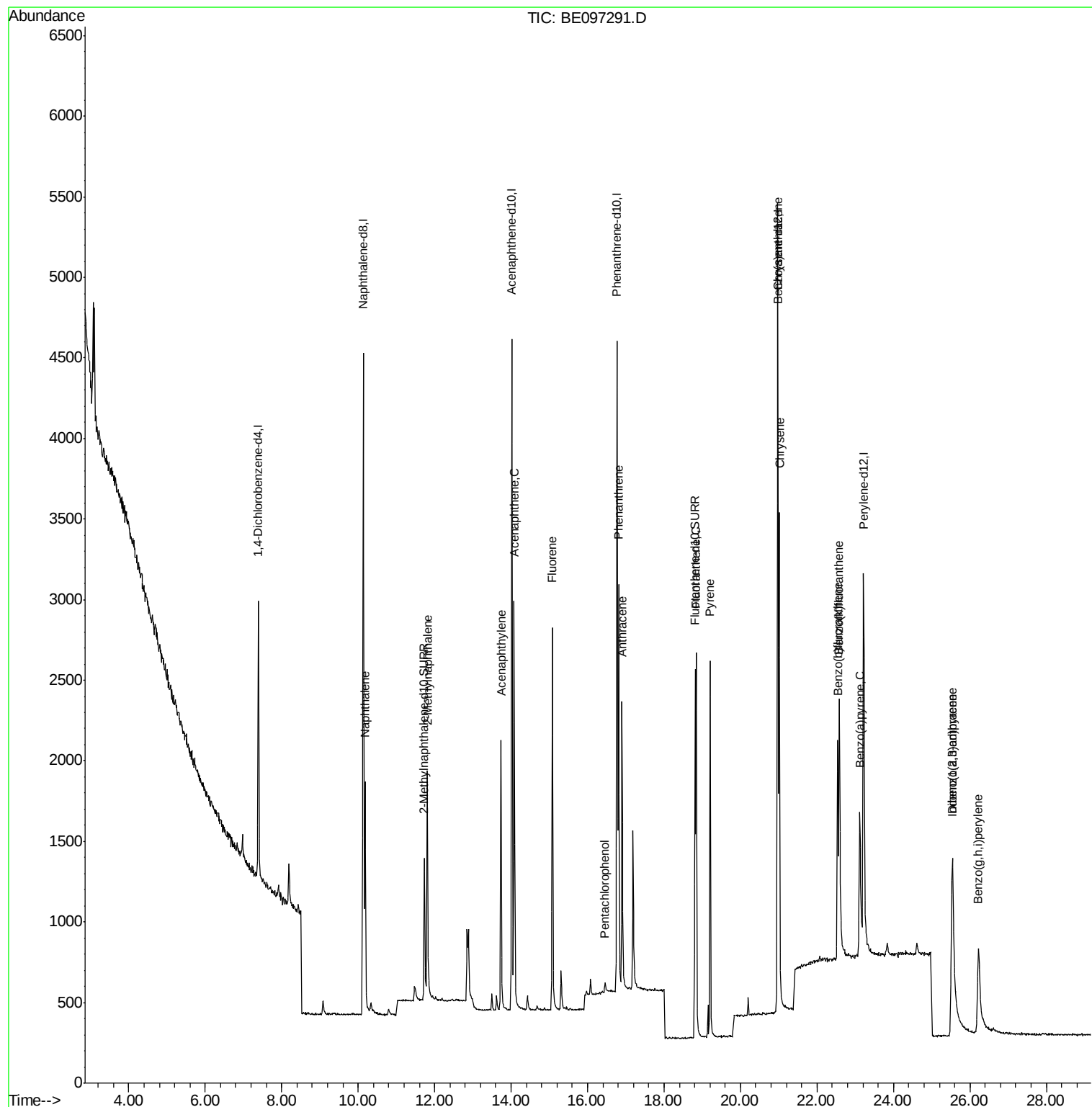
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	925	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4677	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2404	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5449	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	4447	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	4032	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1464	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	2806	0.15	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	2280	0.201	ng/ul#	95
5) 2-Methylnaphthalene	11.81	142	1426	0.191	ng/ul	99
7) Acenaphthylene	13.74	152	2197	0.211	ng/ul	99
8) Acenaphthene	14.08	153	1541	0.205	ng/ul#	89
9) Fluorene	15.08	166	1677	0.194	ng/ul	93
11) Pentachlorophenol	16.46	266	56	0.072	ng/ul#	81
12) Phenanthrene	16.81	178	2809	0.202	ng/ul#	89
13) Anthracene	16.90	178	2249	0.174	ng/ul#	91
15) Fluoranthene	18.84	202	2843	0.155	ng/ul	85
17) Pyrene	19.21	202	2827	0.237	ng/ul#	84
18) Benzo(a)anthracene	20.96	228	2108	0.166	ng/ul#	84
19) Chrysene	21.02	228	2711	0.207	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	1999	0.182	ng/ul	91
22) Benzo(k)fluoranthene	22.58	252	2671	0.225	ng/ul	93
23) Benzo(a)pyrene	23.12	252	1905	0.173	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.53	276	2374	0.172	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.55	278	1878	0.167	ng/ul#	95
26) Benzo(g,h,i)perylene	26.22	276	1941	0.163	ng/ul	94

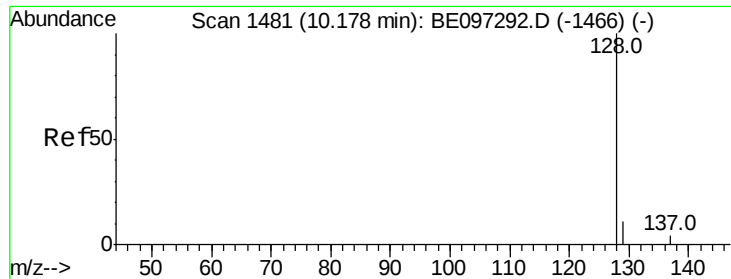
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097291.D
Acq On : 17 Aug 2018 11:01
Operator : SJ/JU
Sample : SST0.202
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 17 12:20:07 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 17 12:19:40 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.201 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampleId :

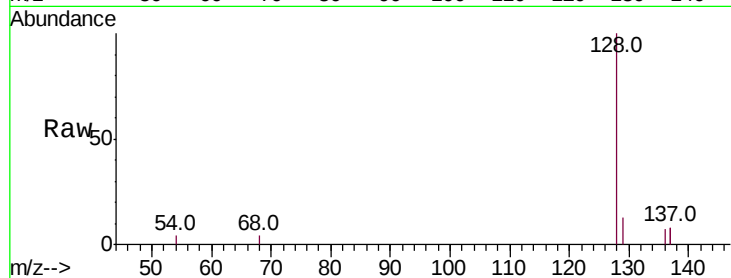
Tot Ion:128 Resp: 2280

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

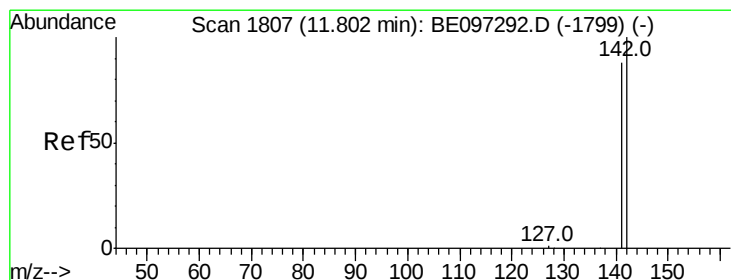
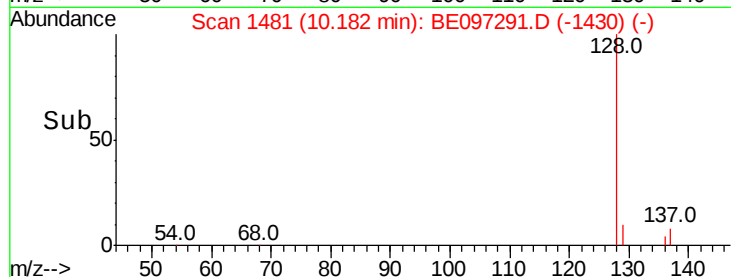
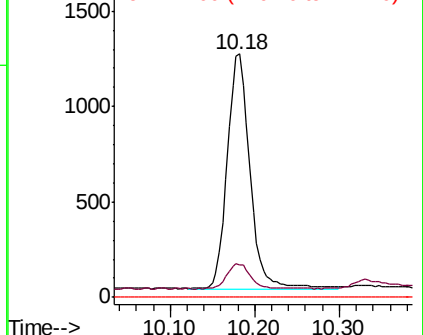
127 0.0 4.0 6.0#



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: 0.191 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BE097291.D

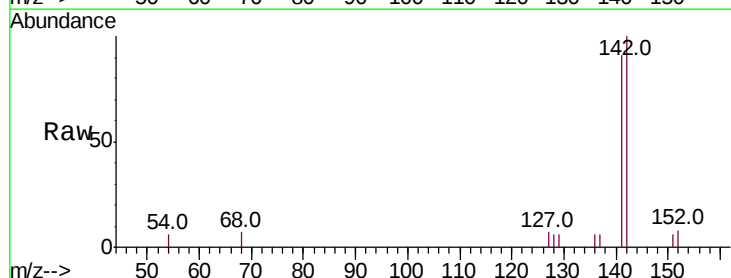
Acq: 17 Aug 2018 11:01

Tgt Ion:142 Resp: 1426

Ion Ratio Lower Upper

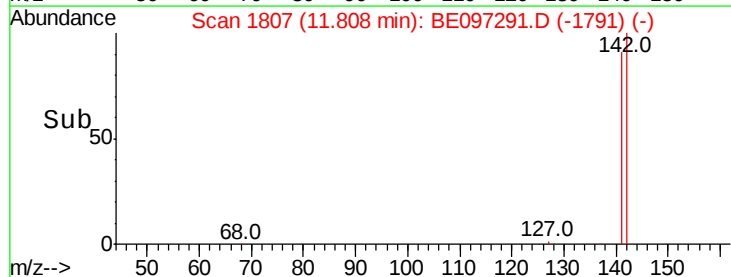
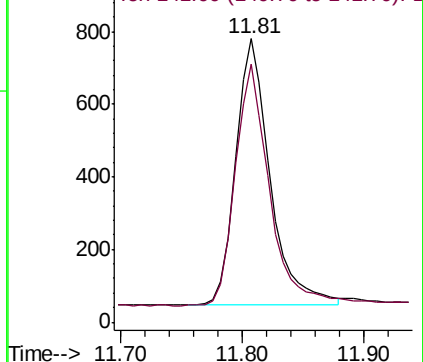
142 100

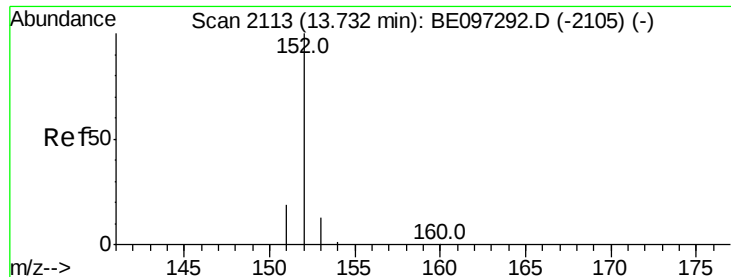
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.211 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampleId :

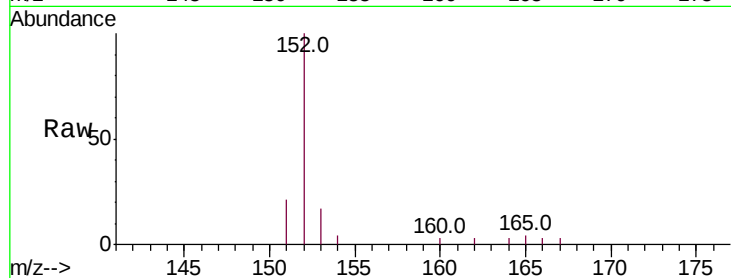
Tot Ion:152 Resp: 2197

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

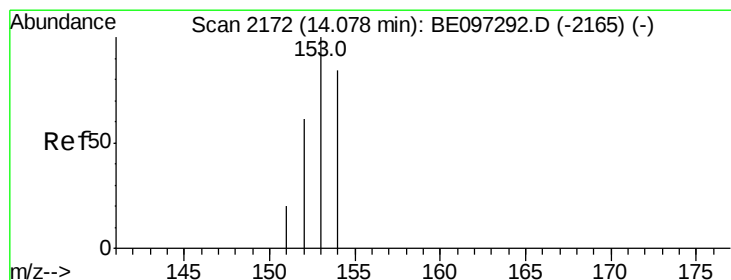
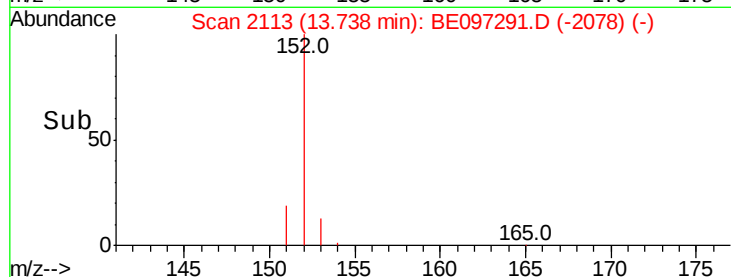
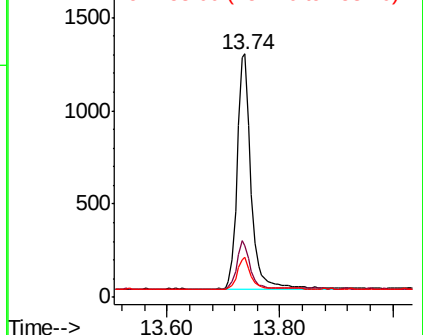
153 16.6 12.8 19.2



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: 0.205 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

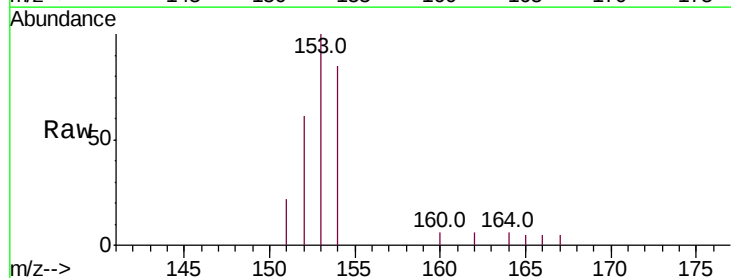
Tgt Ion:153 Resp: 1541

Ion Ratio Lower Upper

153 100

152 60.8 36.0 54.0#

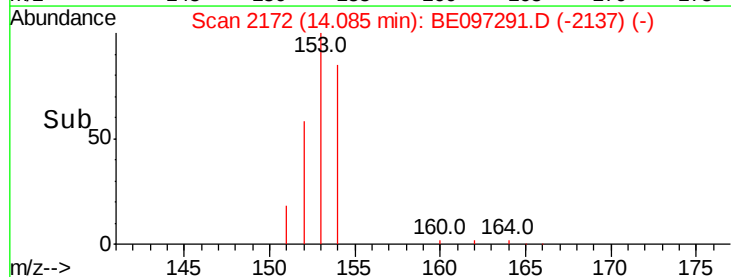
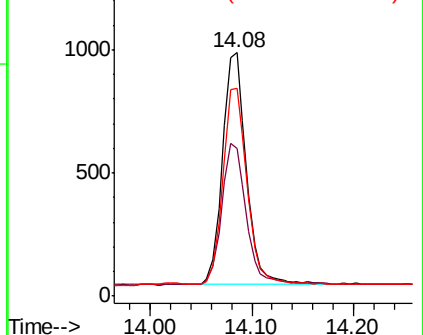
154 85.4 72.0 108.0

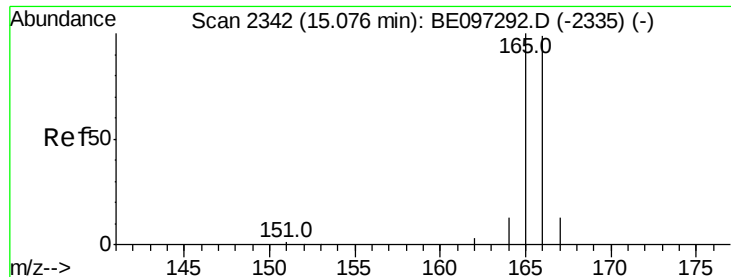


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.194 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampled :

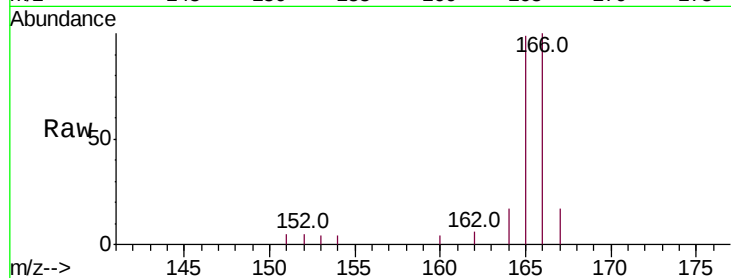
Tot Ion:166 Resp: 1677

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

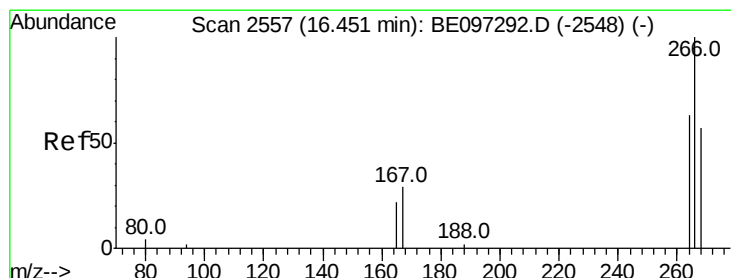
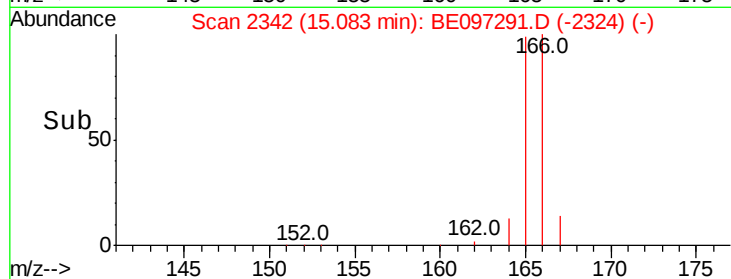
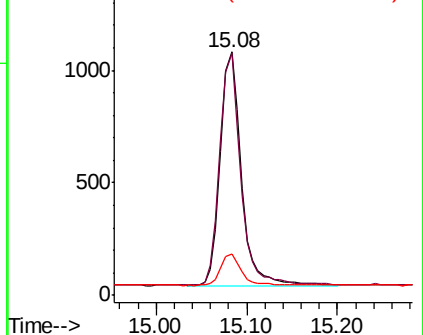
167 17.1 14.6 22.0



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



#11

Pentachlorophenol

Concen: 0.072 ng/ul

RT: 16.46 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

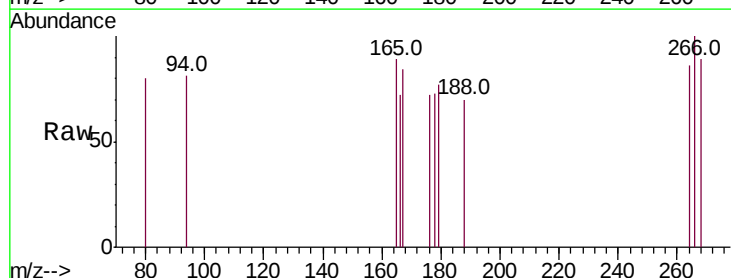
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

264 73.2 47.9 71.9#

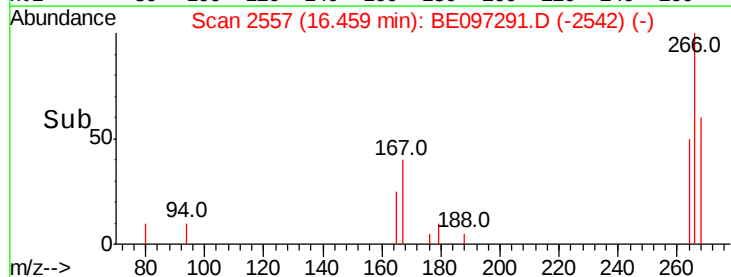
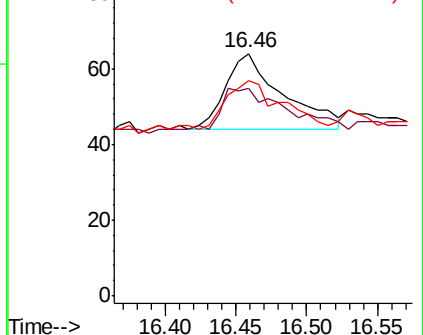
268 78.6 49.8 74.8#

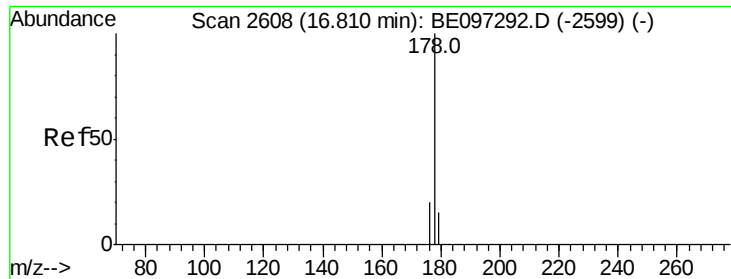


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.202 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampleId :

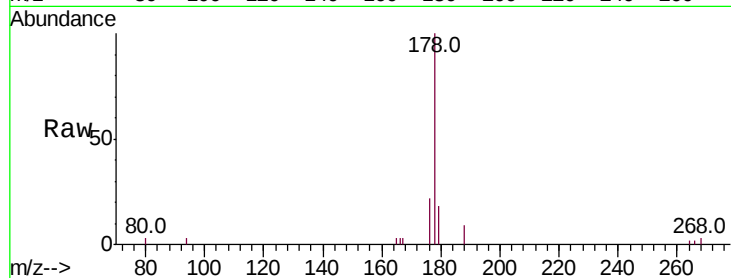
Tot Ion:178 Resp: 2809

Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

176 21.6 13.6 20.4#

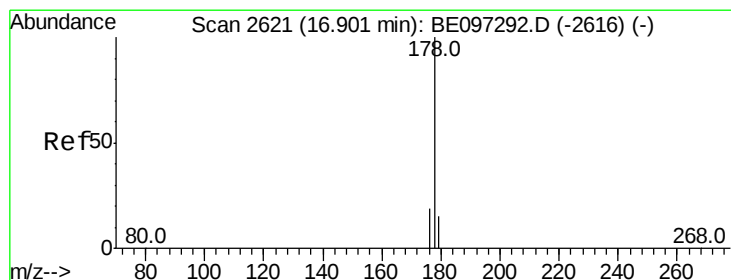
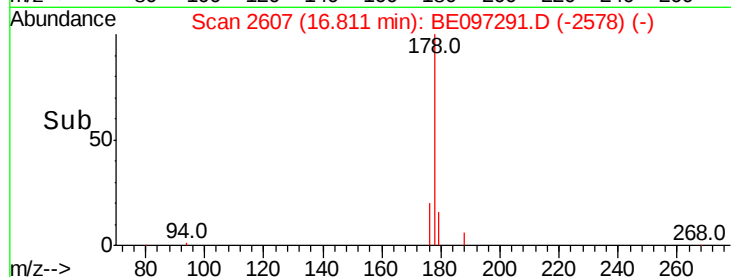
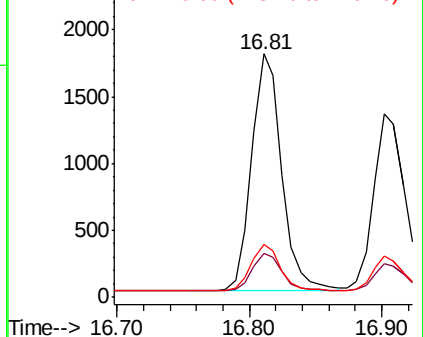


Abundance

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: 0.174 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

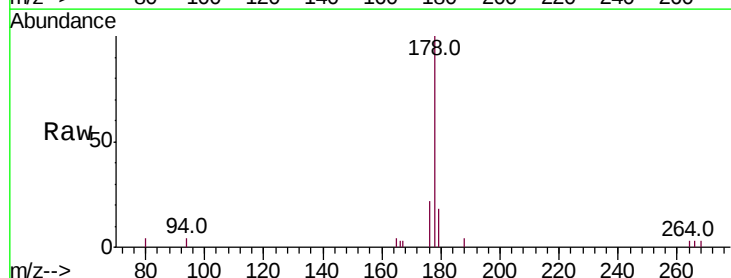
Tgt Ion:178 Resp: 2249

Ion Ratio Lower Upper

178 100

179 18.1 18.1 27.1

176 22.2 14.7 22.1#

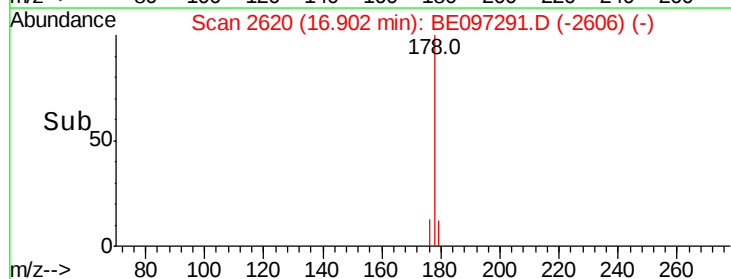
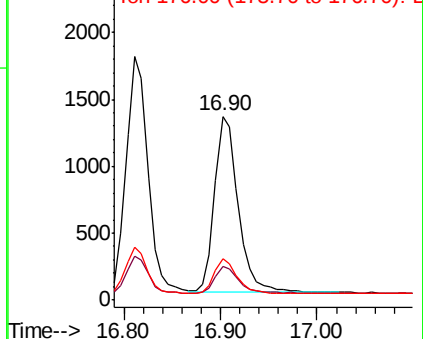


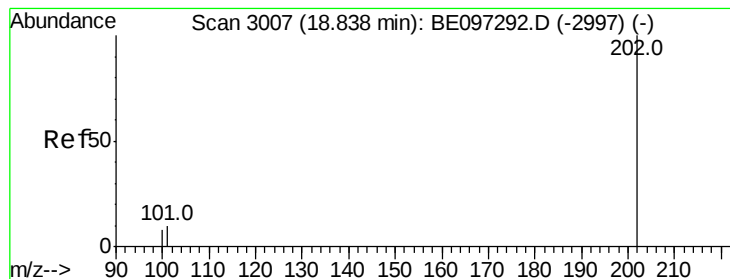
Abundance

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





#15

Fluoranthene

Concen: 0.155 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampleId :

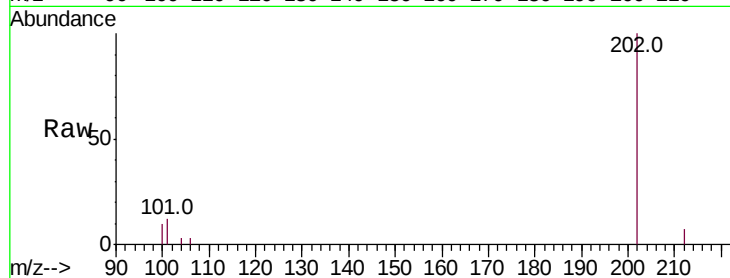
Tot Ion:202 Resp: 2843

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.3

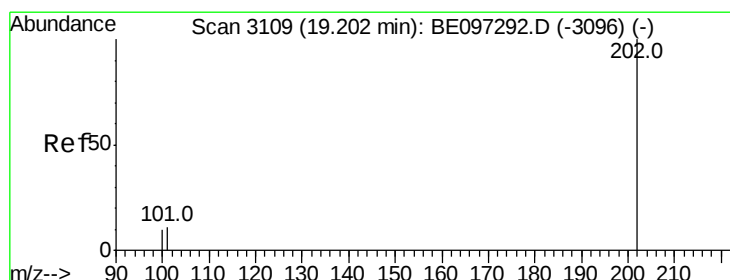
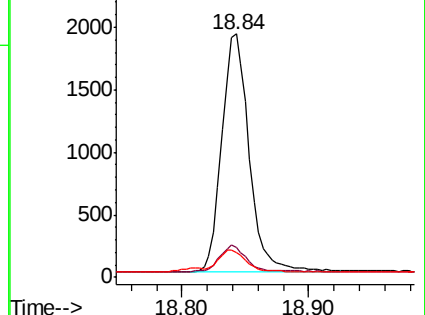
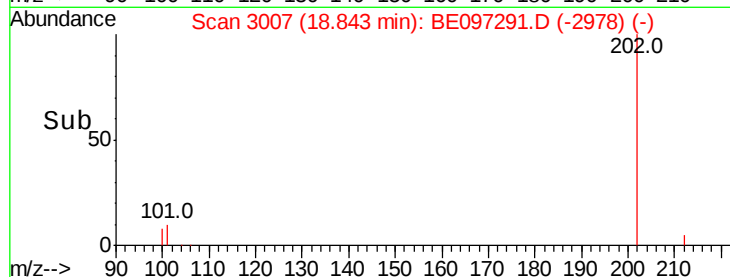
100 10.2 0.0 39.5



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: 0.237 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

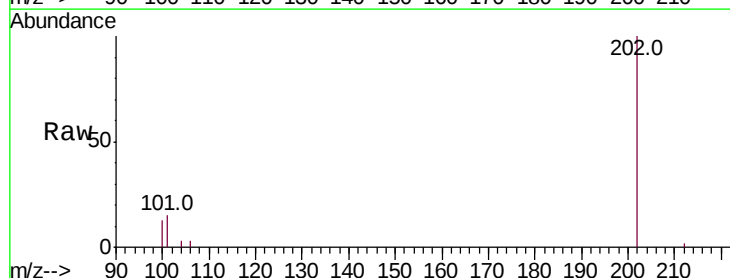
Tgt Ion:202 Resp: 2827

Ion Ratio Lower Upper

202 100

101 14.7 18.2 27.4#

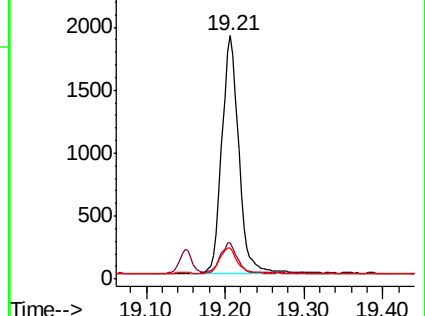
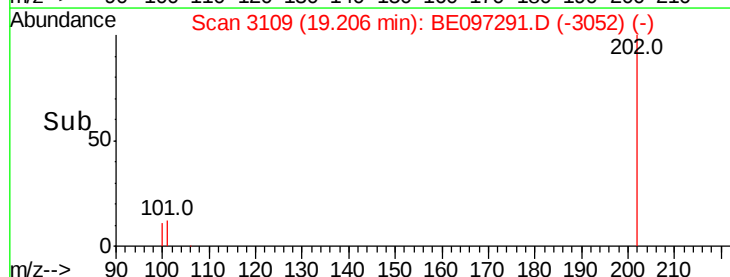
100 12.9 15.6 23.4#

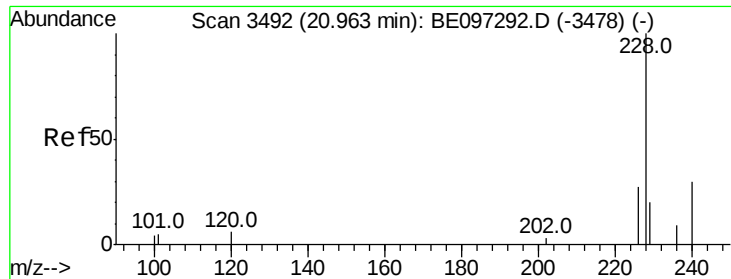


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

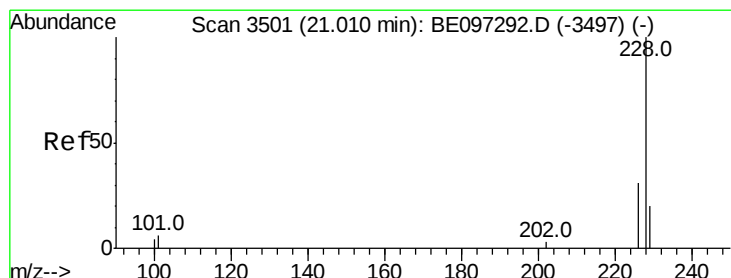
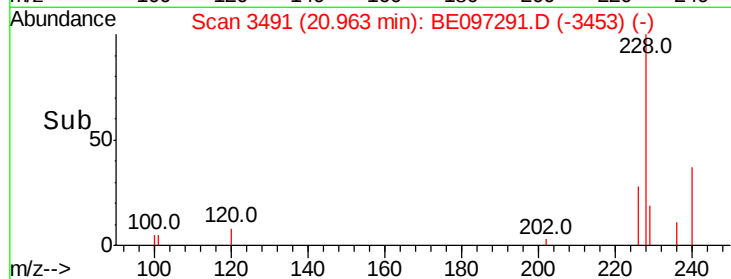
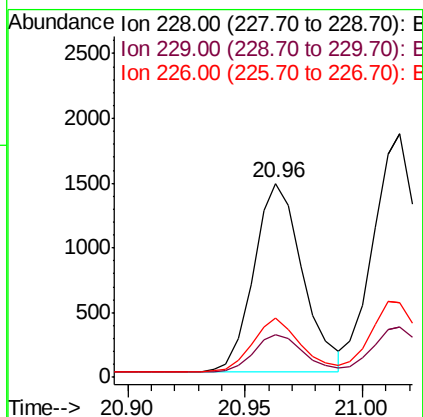
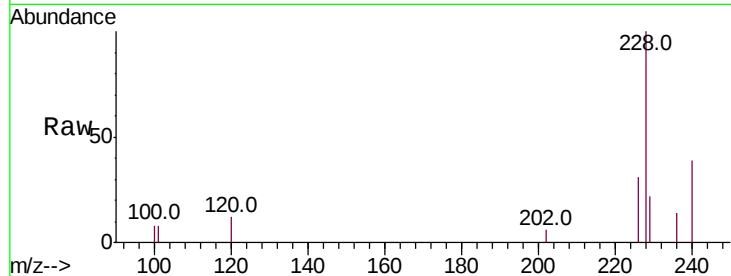




#18
Benzo(a)anthracene
Concen: 0.166 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

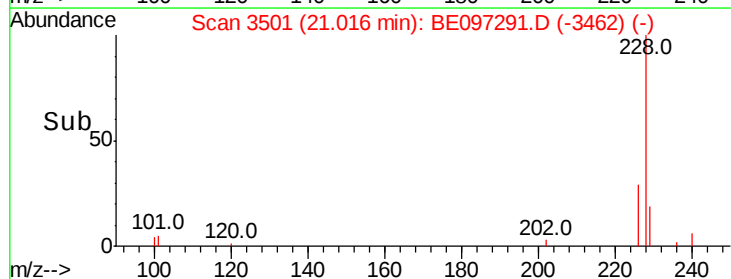
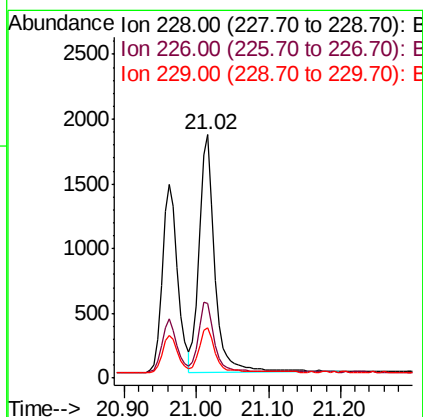
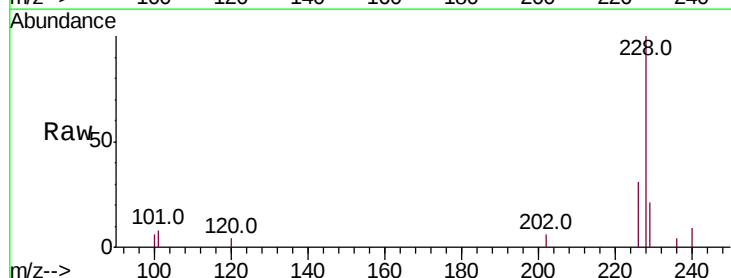
Instrument :
BNA_E
ClientSampleId :

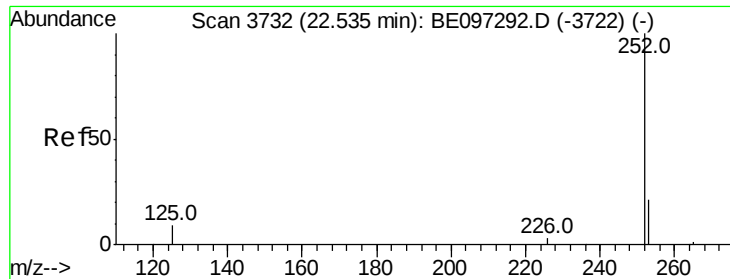
Tot Ion:228 Resp: 2108
Ion Ratio Lower Upper
228 100
229 22.0 22.8 34.2#
226 30.6 17.0 25.6#



#19
Chrysene
Concen: 0.207 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

Tgt Ion:228 Resp: 2711
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 20.8 17.7 26.5

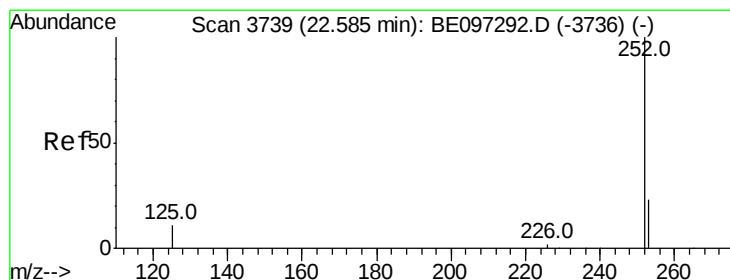
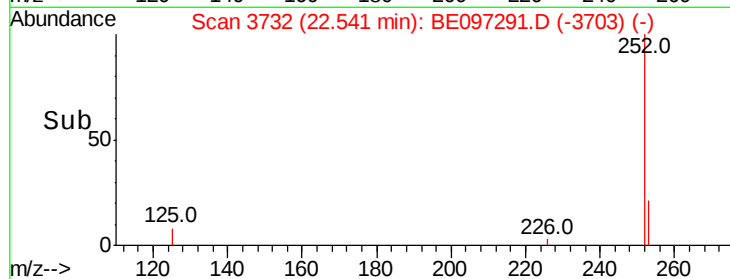
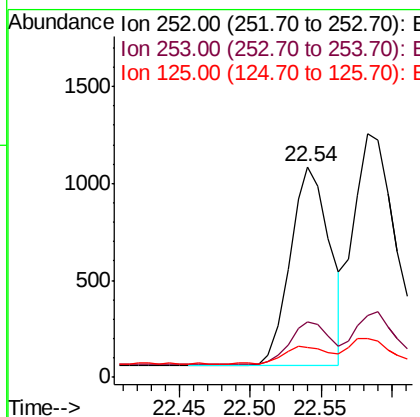
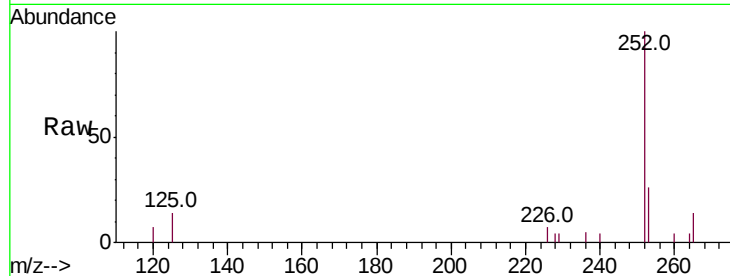




#21
Benzo(b)fluoranthene
Concen: 0.182 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

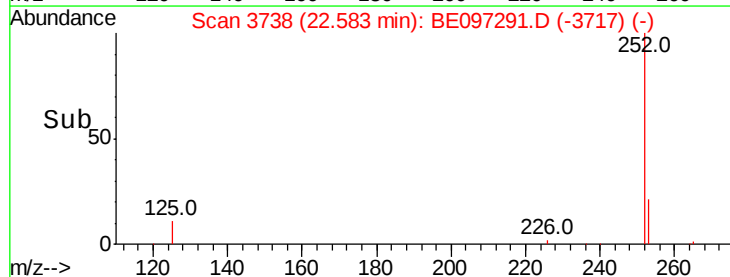
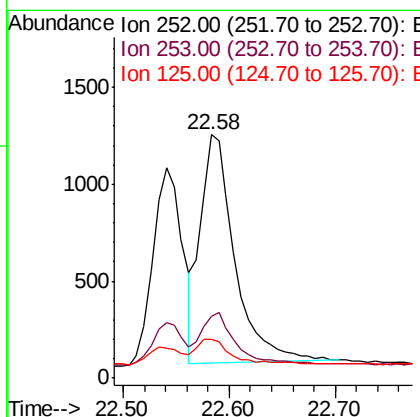
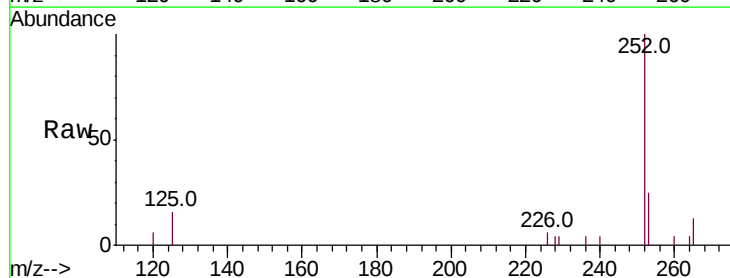
Instrument :
BNA_E
ClientSampleId :

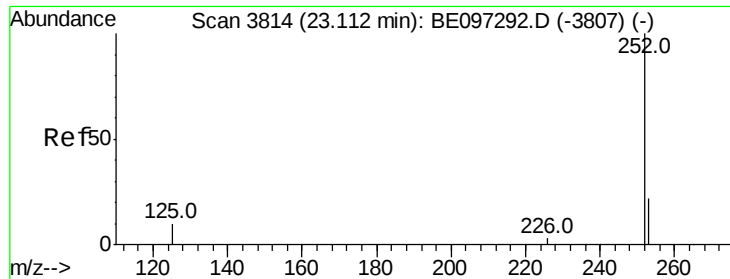
Tot Ion:252 Resp: 1999
Ion Ratio Lower Upper
252 100
253 26.3 0.0 64.2
125 14.4 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

Tgt Ion:252 Resp: 2671
Ion Ratio Lower Upper
252 100
253 25.3 24.5 36.7
125 16.2 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.173 ng/ul

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

Instrument :

BNA_E

ClientSampleId :

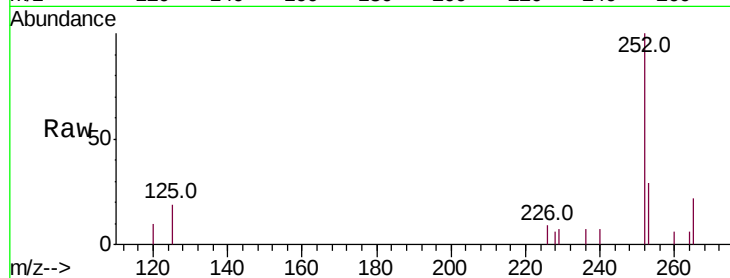
Tot Ion:252 Resp: 1905

Ion Ratio Lower Upper

252 100

253 29.1 28.5 42.7

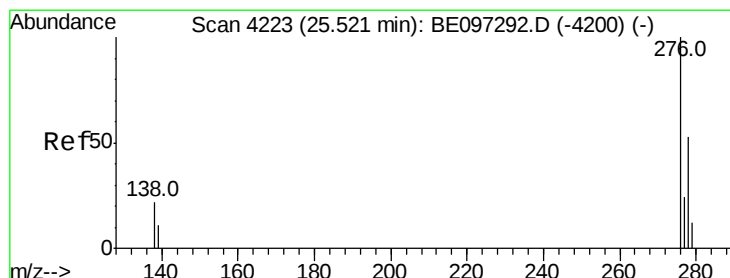
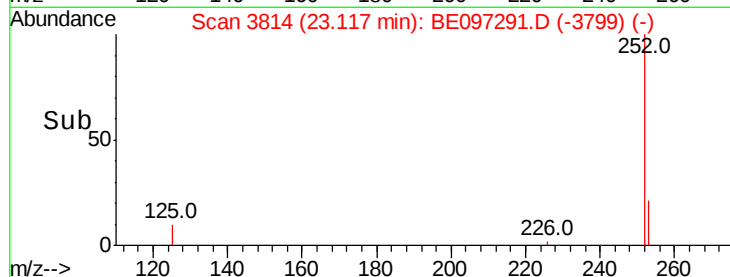
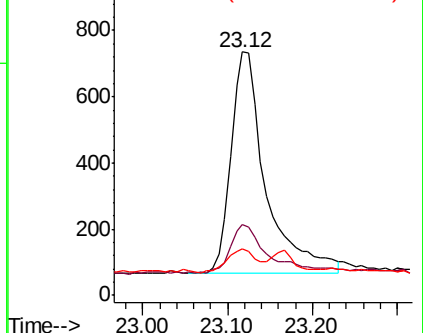
125 19.2 18.1 27.1



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: 0.172 ng/ul

RT: 25.53 min Scan# 4224

Delta R.T. 0.01 min

Lab File: BE097291.D

Acq: 17 Aug 2018 11:01

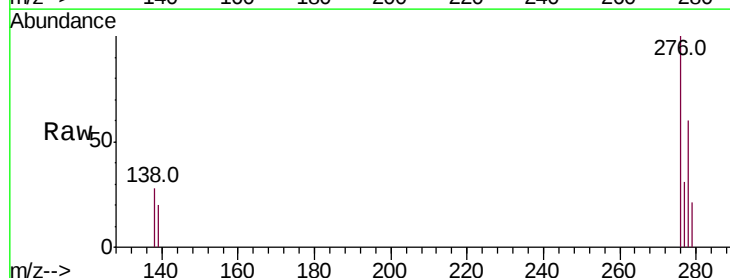
Tgt Ion:276 Resp: 2374

Ion Ratio Lower Upper

276 100

138 21.9 28.0 42.0#

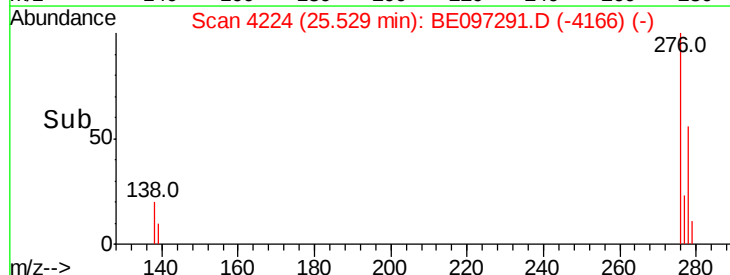
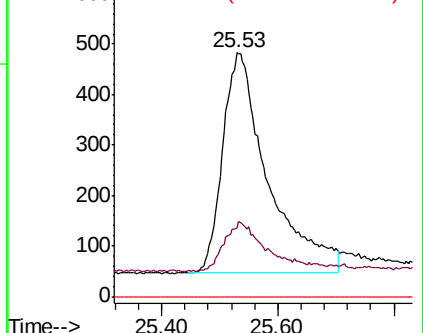
227 0.0 8.0 12.0#

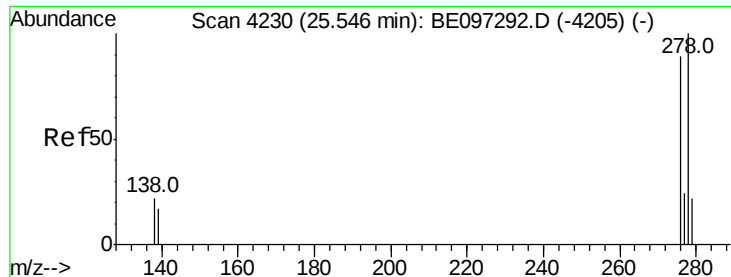


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

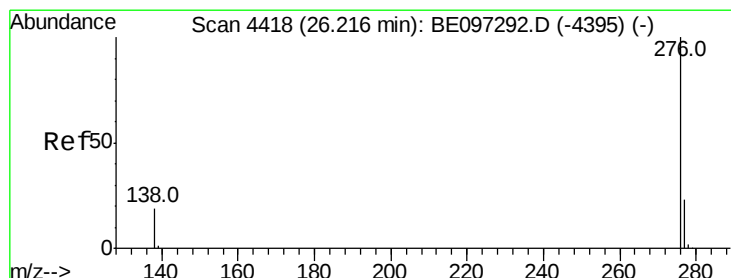
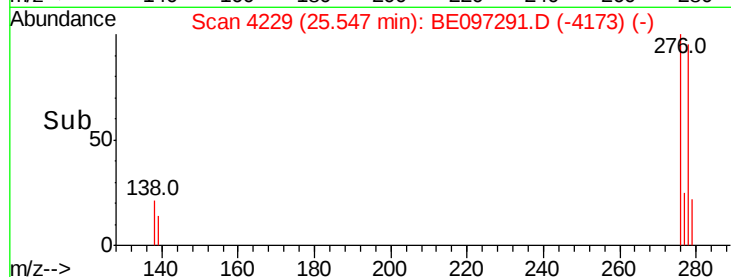
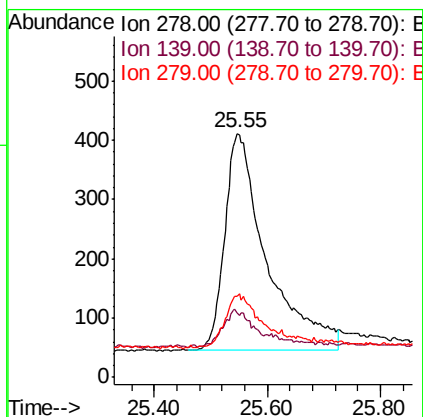
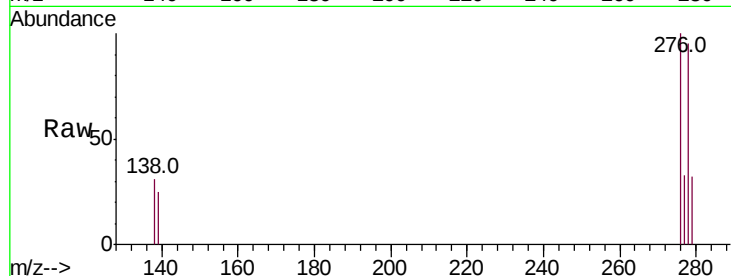




#25
Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul
RT: 25.55 min Scan# 4229
Delta R.T. 0.00 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1878
Ion Ratio Lower Upper
278 100
139 26.3 17.4 26.0#
279 33.3 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 26.22 min Scan# 4419
Delta R.T. 0.01 min
Lab File: BE097291.D
Acq: 17 Aug 2018 11:01

Tgt Ion:276 Resp: 1941
Ion Ratio Lower Upper
276 100
138 28.4 21.8 32.8
277 30.6 20.5 30.7

