

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097289.D
 Acq On : 17 Aug 2018 9:45
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 17 12:19:50 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

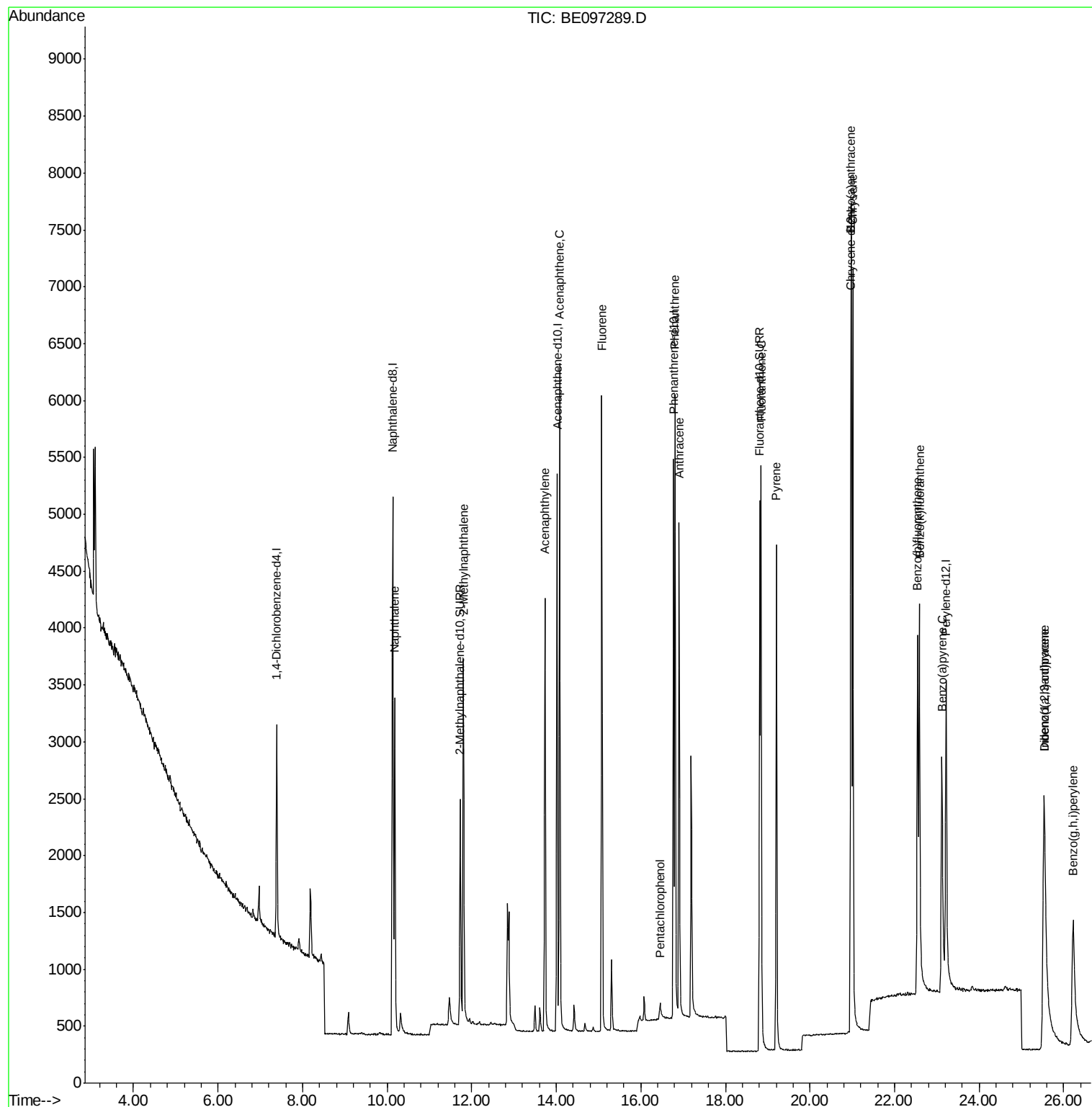
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	966	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5103	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2743	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	6241	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	5280	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	4436	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3077	0.38	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5996	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	4635	0.375	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	3014	0.369	ng/ul	100
7) Acenaphthylene	13.73	152	4584	0.386	ng/ul	98
8) Acenaphthene	14.08	153	3303	0.385	ng/ul#	89
9) Fluorene	15.08	166	3569	0.362	ng/ul#	92
11) Pentachlorophenol	16.45	266	132	0.148	ng/ul	95
12) Phenanthrene	16.81	178	5928	0.373	ng/ul#	88
13) Anthracene	16.90	178	4981	0.336	ng/ul#	91
15) Fluoranthene	18.84	202	6257	0.298	ng/ul	85
17) Pyrene	19.21	202	5418	0.383	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	4679	0.310	ng/ul#	84
19) Chrysene	21.02	228	5866	0.377	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	4324	0.358	ng/ul	86
22) Benzo(k)fluoranthene	22.59	252	5530	0.424	ng/ul#	87
23) Benzo(a)pyrene	23.12	252	4147	0.343	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.53	276	4886	0.323	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.55	278	3930	0.317	ng/ul	95
26) Benzo(g,h,i)perylene	26.22	276	4119	0.315	ng/ul	93

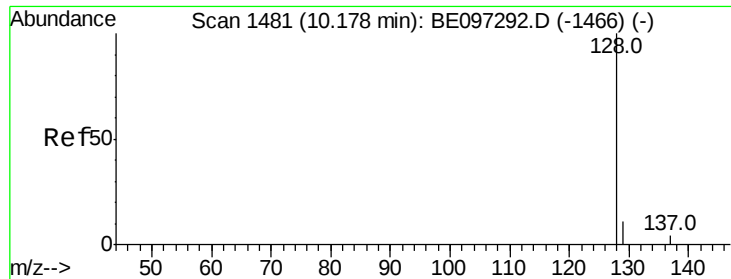
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.375 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

Instrument :

BNA_E

ClientSampleId :

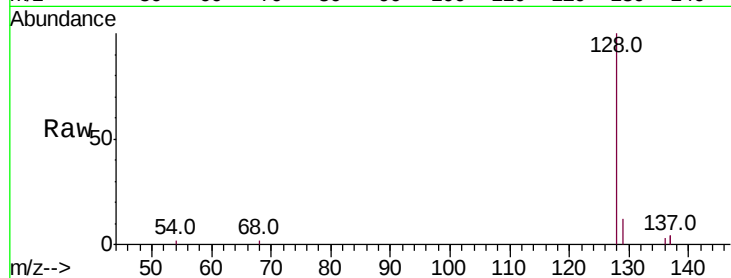
Tot Ion:128 Resp: 4635

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

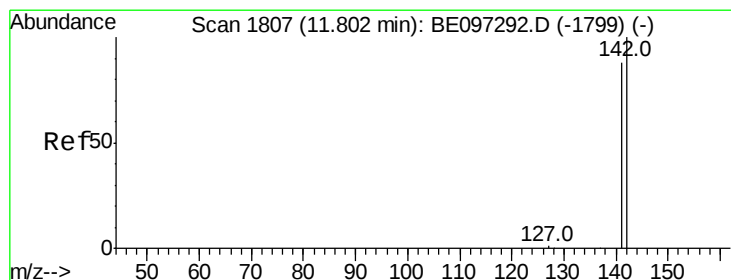
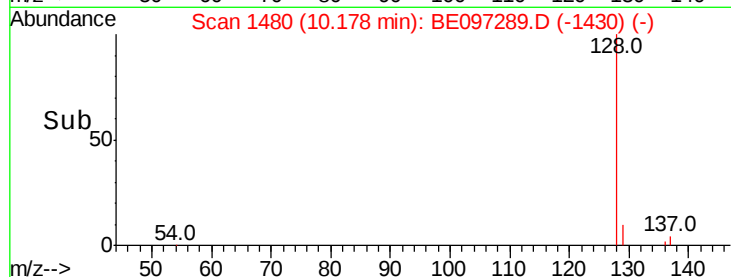
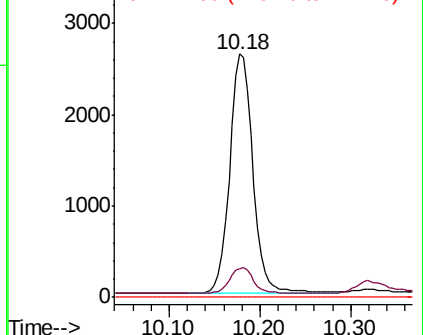
127 0.0 4.0 6.0#



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: 0.369 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097289.D

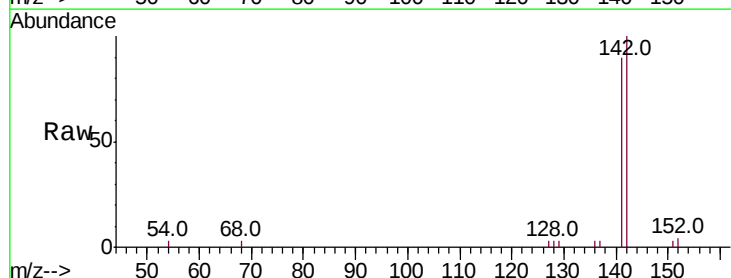
Acq: 17 Aug 2018 9:45

Tgt Ion:142 Resp: 3014

Ion Ratio Lower Upper

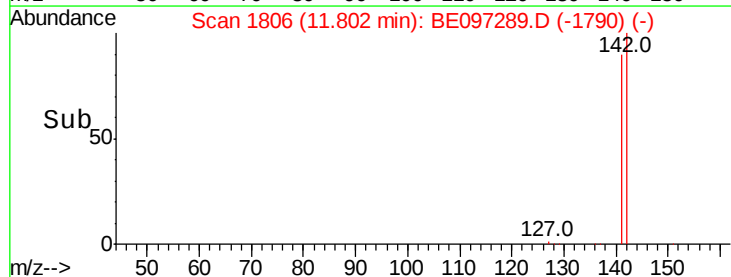
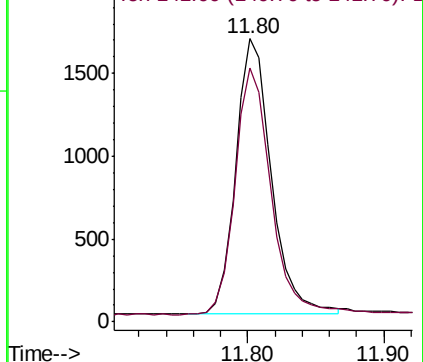
142 100

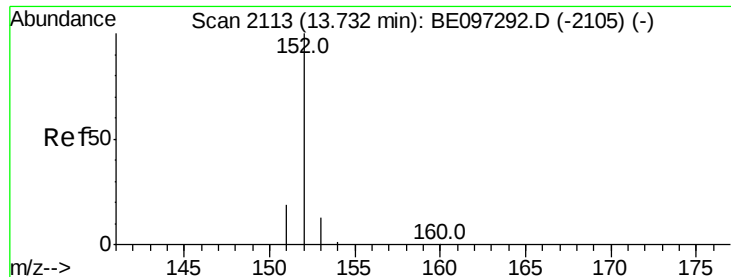
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.386 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

Instrument :

BNA_E

ClientSampleId :

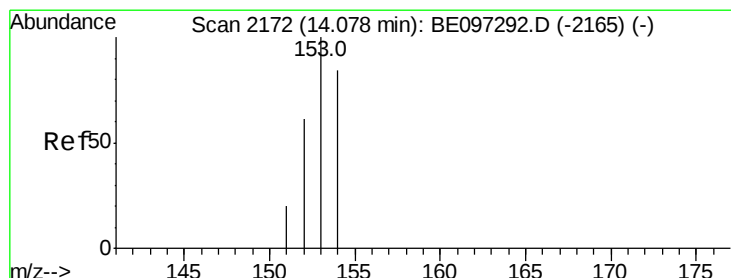
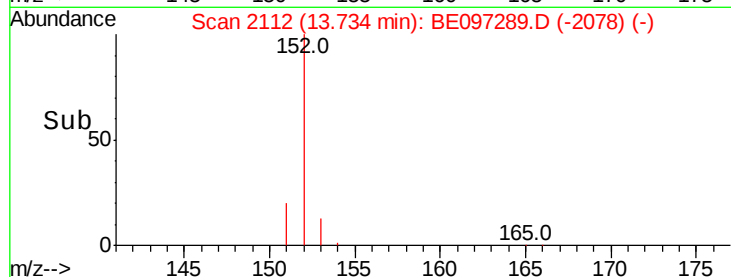
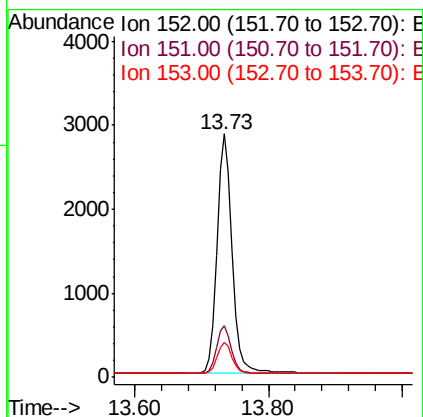
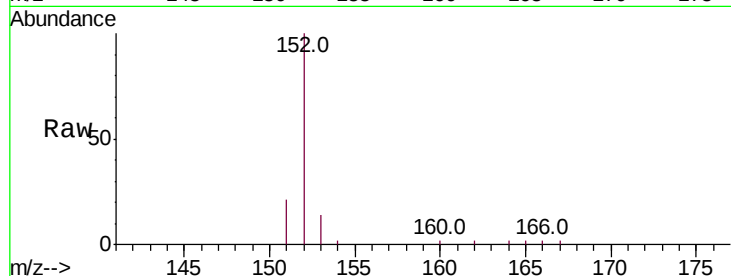
Tot Ion:152 Resp: 4584

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

153 14.1 12.8 19.2



#8

Acenaphthene

Concen: 0.385 ng/ul

RT: 14.08 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

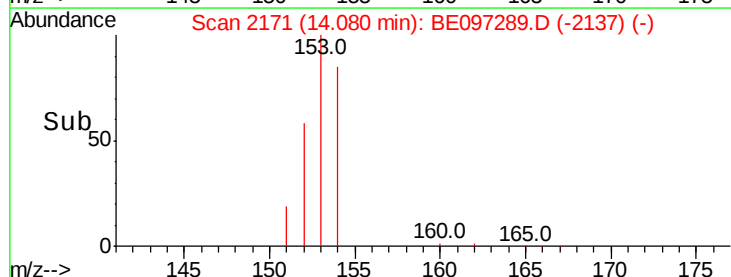
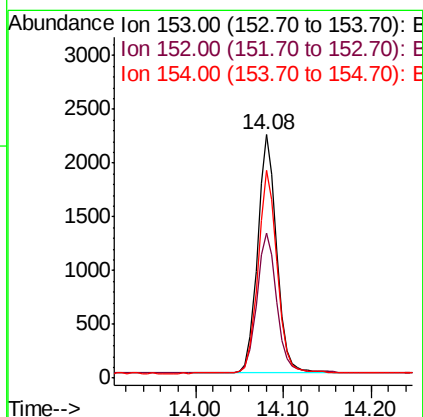
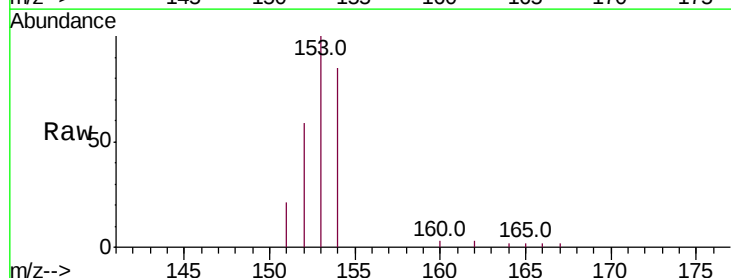
Tgt Ion:153 Resp: 3303

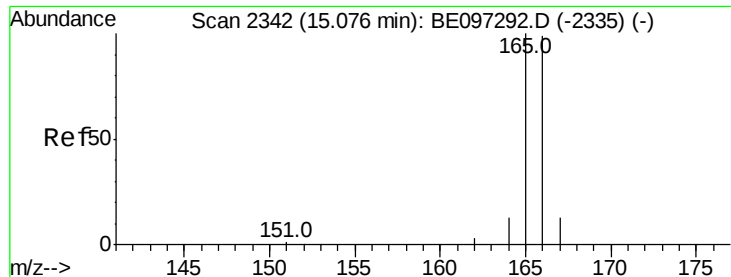
Ion Ratio Lower Upper

153 100

152 59.4 36.0 54.0#

154 85.3 72.0 108.0

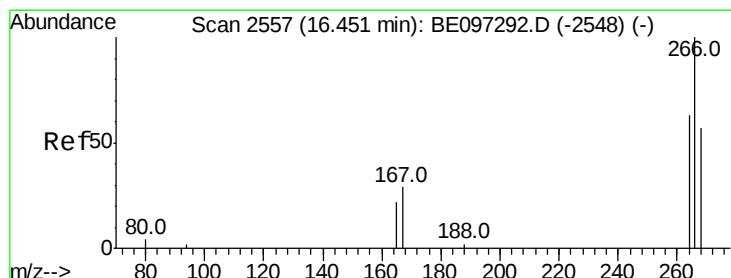
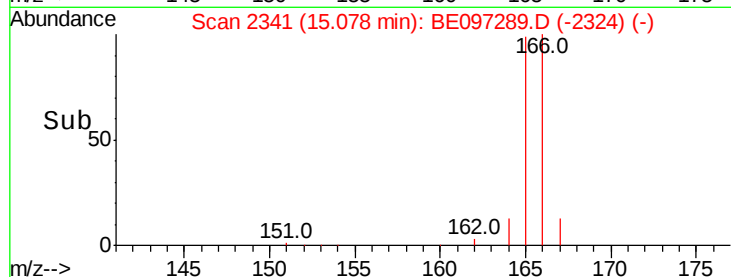
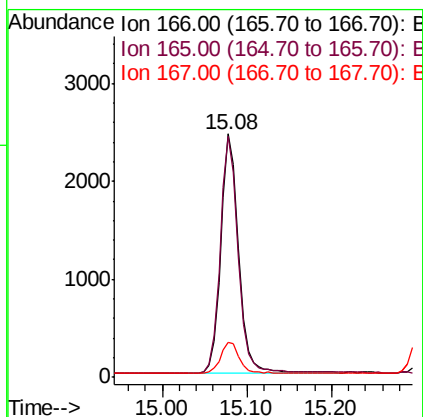
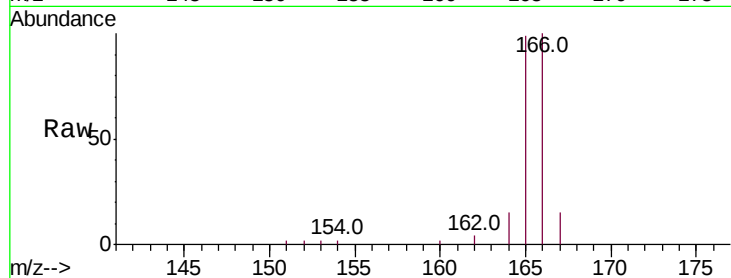




#9
Fluorene
 Concen: 0.362 ng/ul
 RT: 15.08 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097289.D
 Acq: 17 Aug 2018 9:45

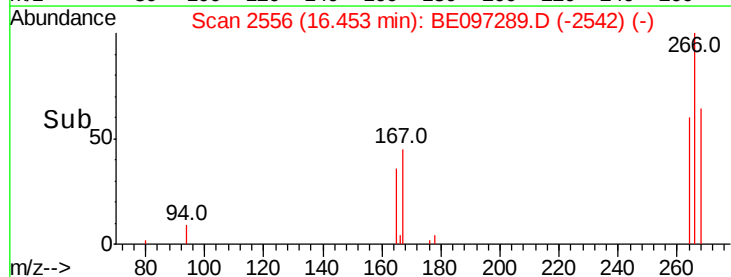
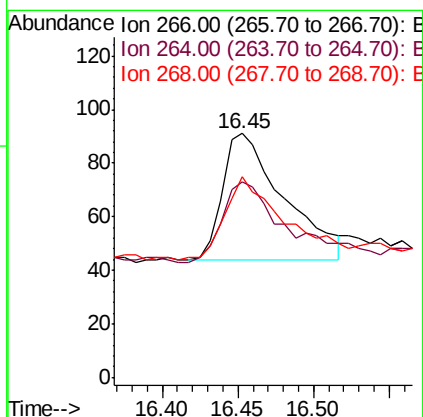
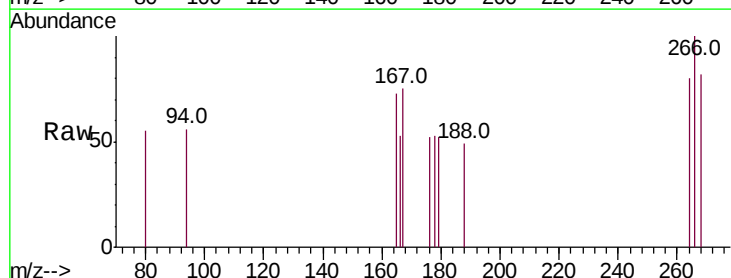
Instrument :
 BNA_E
 ClientSampleId :

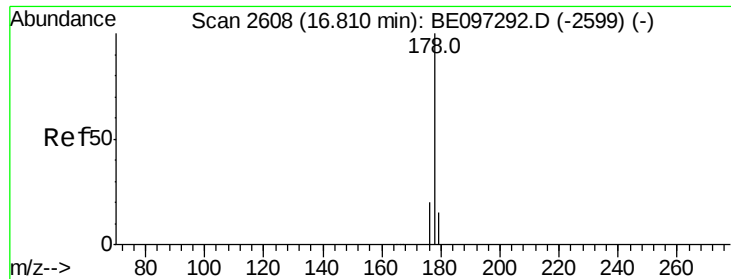
Tot Ion:166 Resp: 3569
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 14.6 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.148 ng/ul
 RT: 16.45 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BE097289.D
 Acq: 17 Aug 2018 9:45

Tgt Ion:266 Resp: 132
 Ion Ratio Lower Upper
 266 100
 264 64.4 47.9 71.9
 268 65.2 49.8 74.8

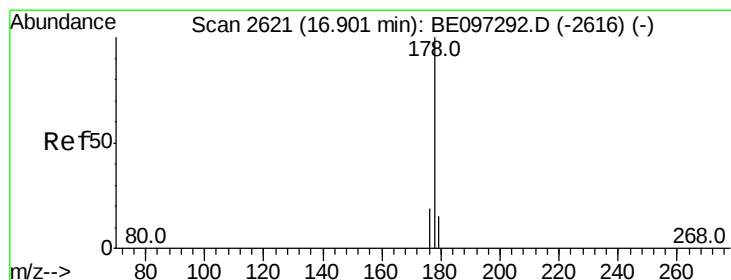
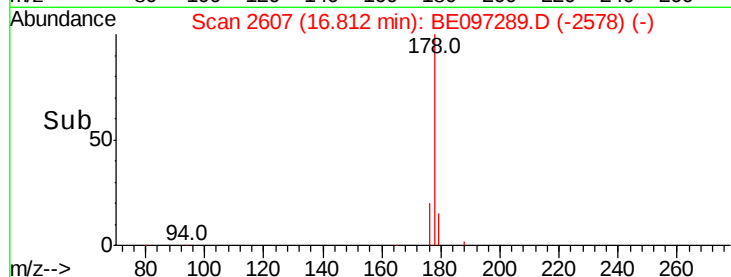
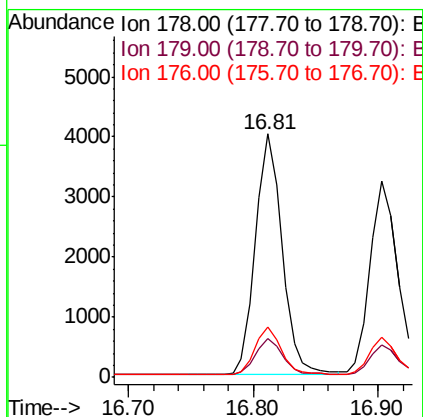
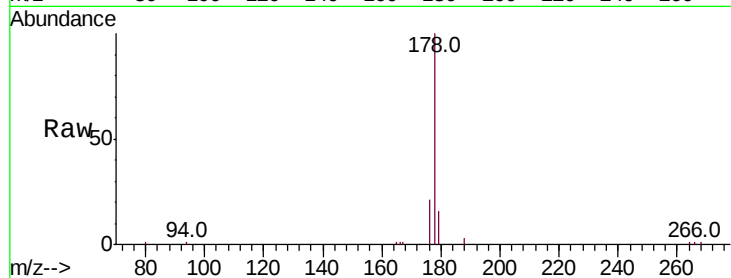




#12
Phenanthrene
Concen: 0.373 ng/ul
RT: 16.81 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

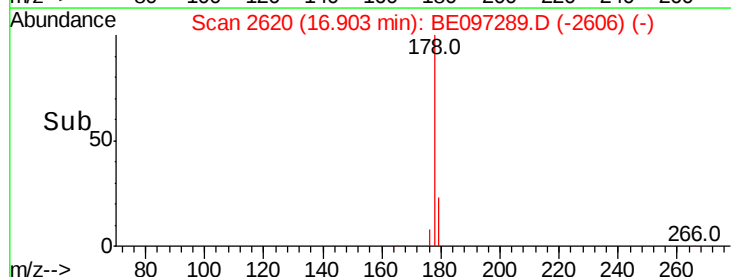
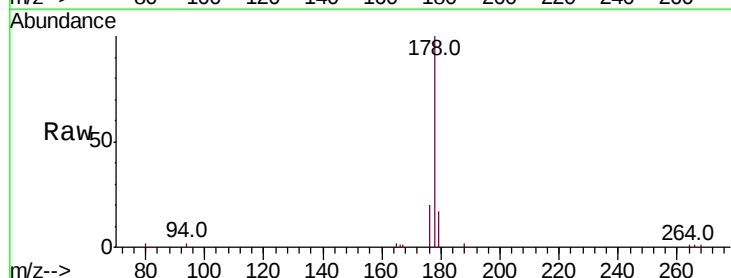
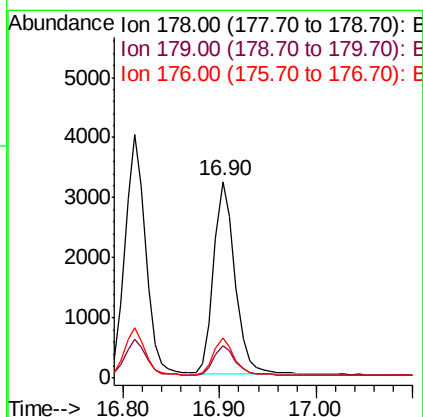
Instrument :
BNA_E
ClientSampled :

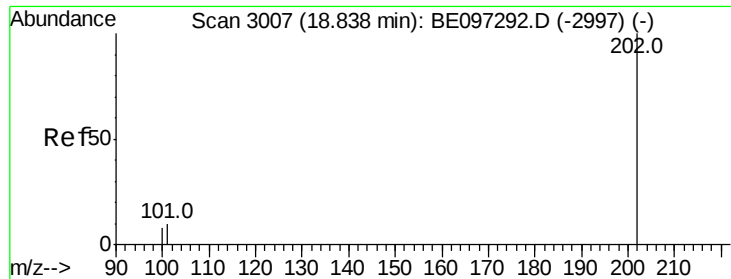
Tot Ion:178 Resp: 5928
Ion Ratio Lower Upper
178 100
179 15.9 18.4 27.6#
176 20.6 13.6 20.4#



#13
Anthracene
Concen: 0.336 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

Tgt Ion:178 Resp: 4981
Ion Ratio Lower Upper
178 100
179 16.6 18.1 27.1#
176 20.4 14.7 22.1

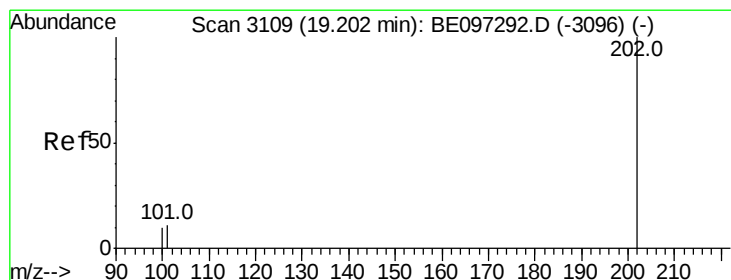
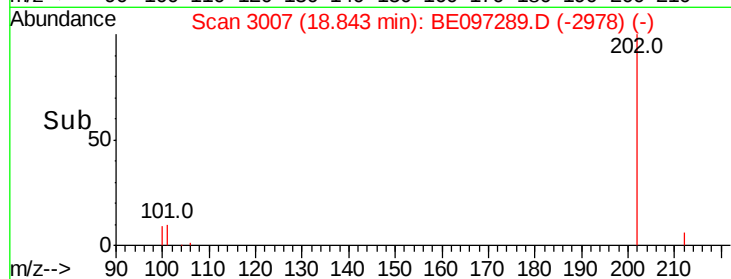
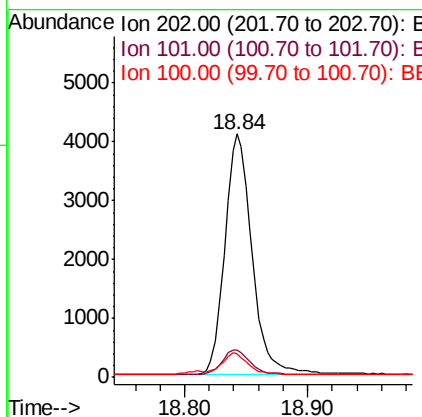
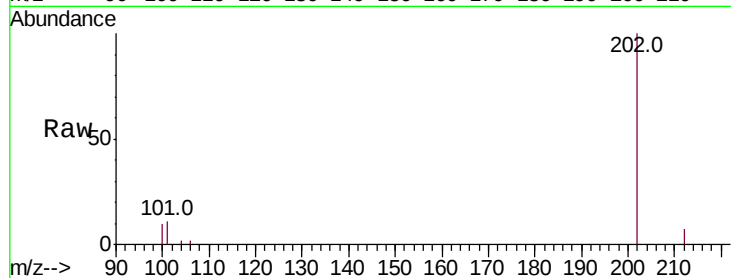




#15
Fluoranthene
Concen: 0.298 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

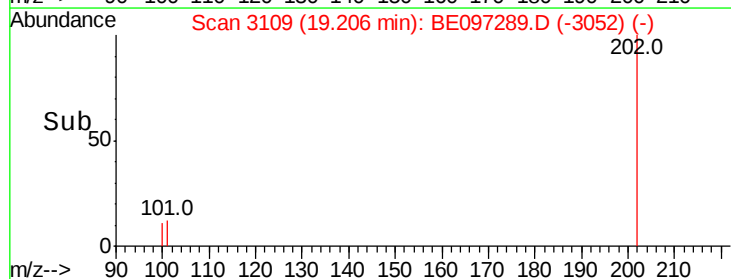
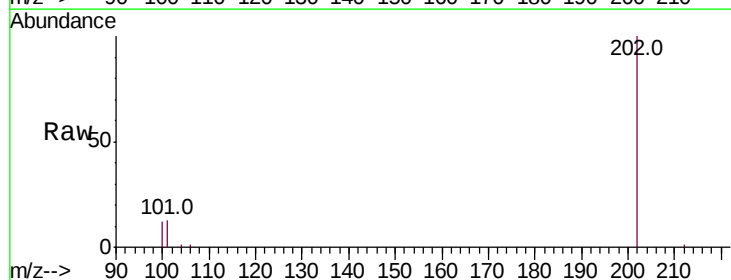
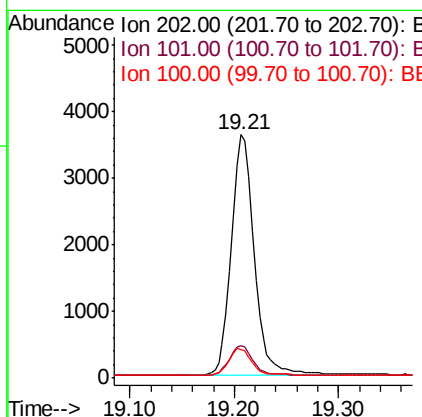
Instrument :
BNA_E
ClientSampleId :

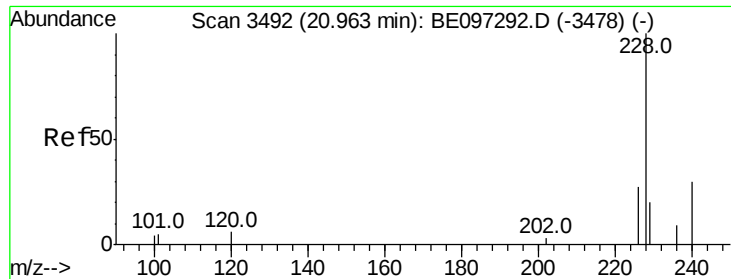
Tot Ion:202 Resp: 6257
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.3
100 9.6 0.0 39.5



#17
Pyrene
Concen: 0.383 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

Tgt Ion:202 Resp: 5418
Ion Ratio Lower Upper
202 100
101 13.3 18.2 27.4#
100 12.0 15.6 23.4#

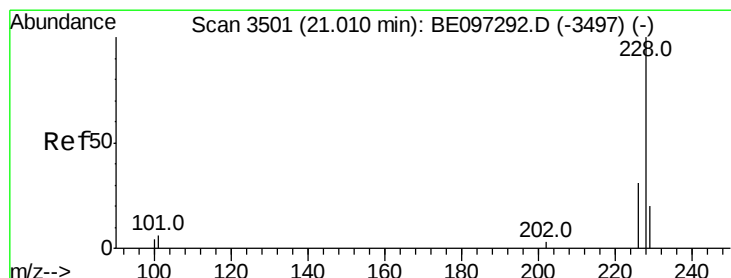
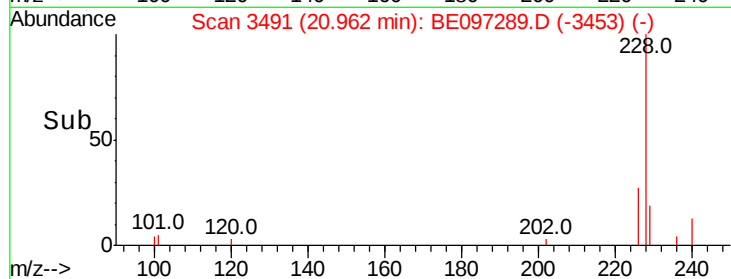
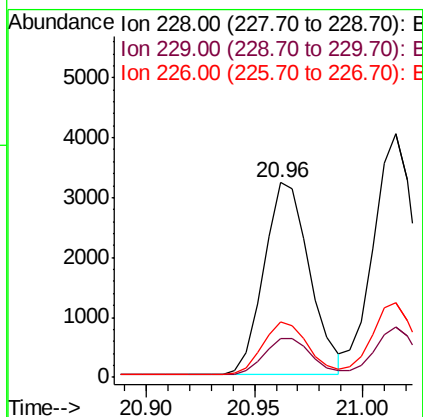
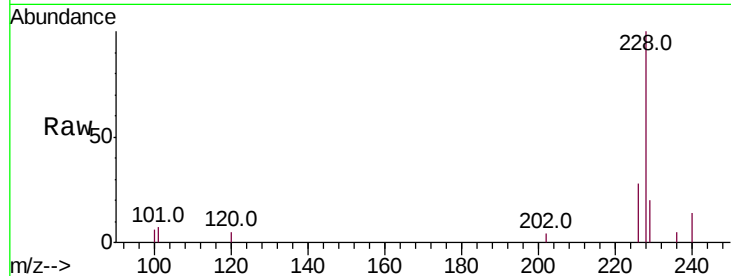




#18
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

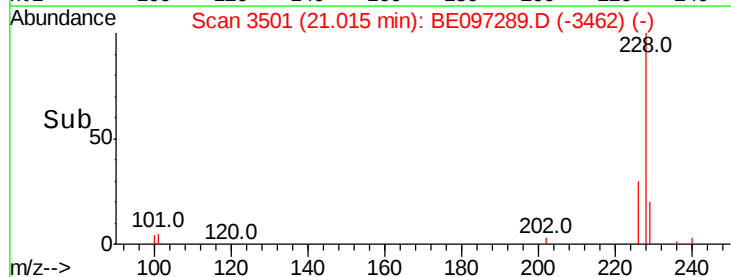
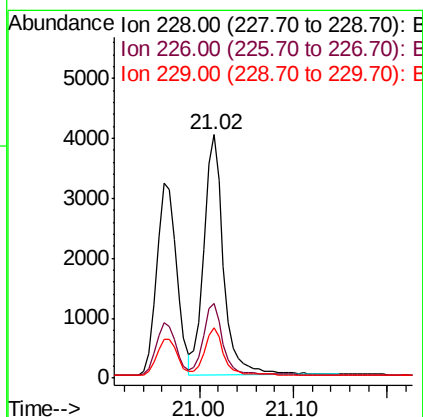
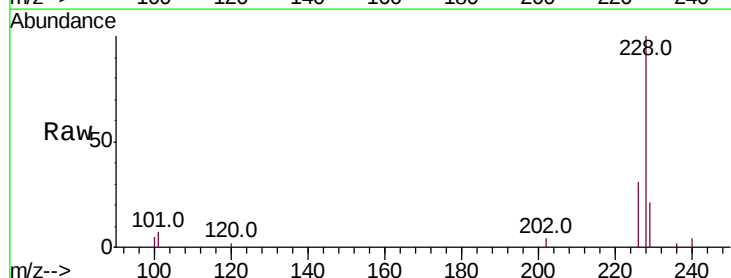
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BNA_E
ClientSampleId :

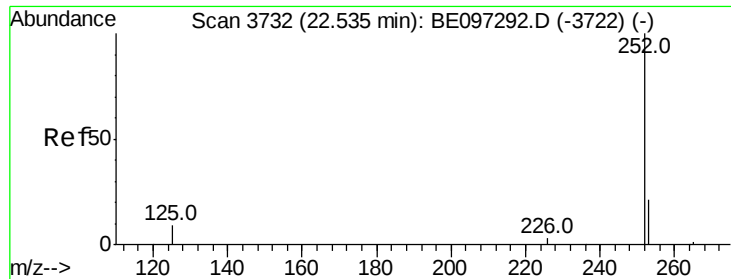
Tot Ion:228 Resp: 4679
Ion Ratio Lower Upper
228 100
229 20.0 22.8 34.2#
226 28.3 17.0 25.6#



#19
Chrysene
Concen: 0.377 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

Tgt Ion:228 Resp: 5866
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 20.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.358 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

Instrument :

BNA_E

ClientSampleId :

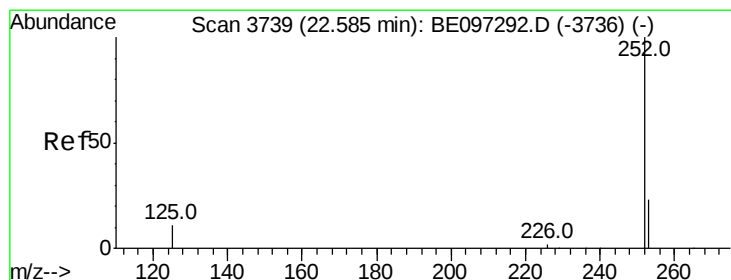
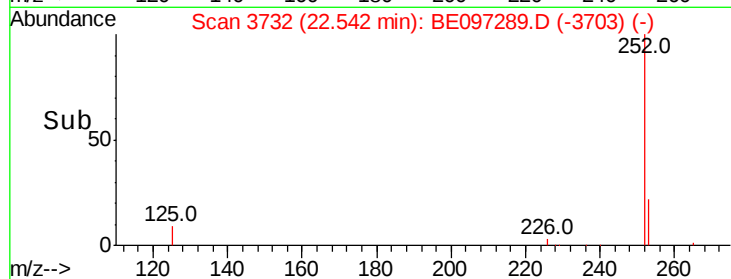
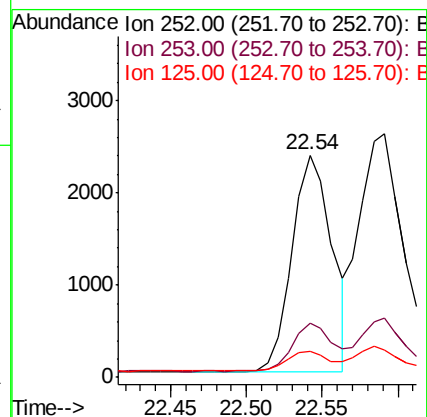
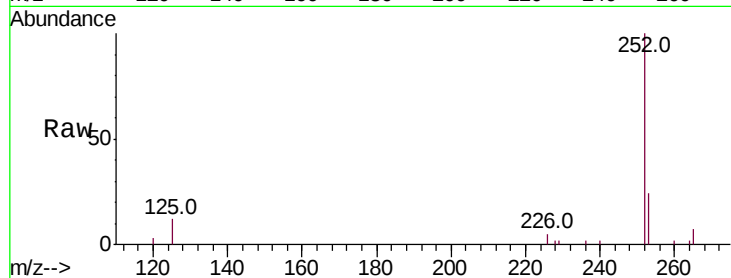
Tot Ion:252 Resp: 4324

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

125 12.0 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.424 ng/ul

RT: 22.59 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

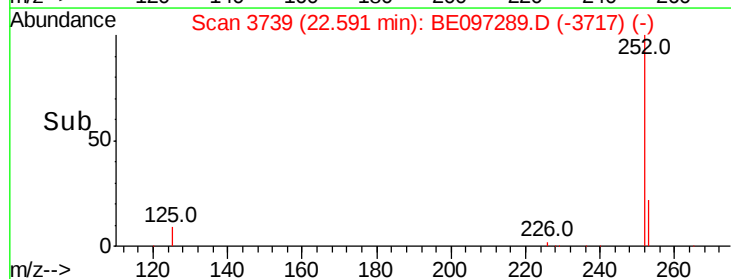
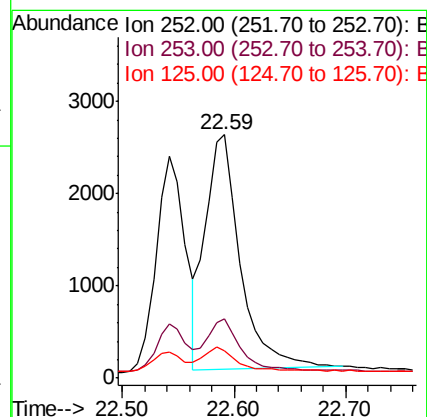
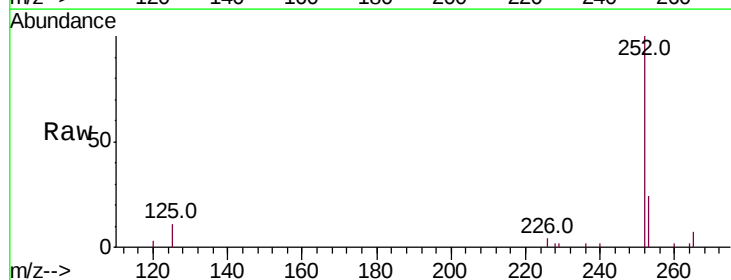
Tgt Ion:252 Resp: 5530

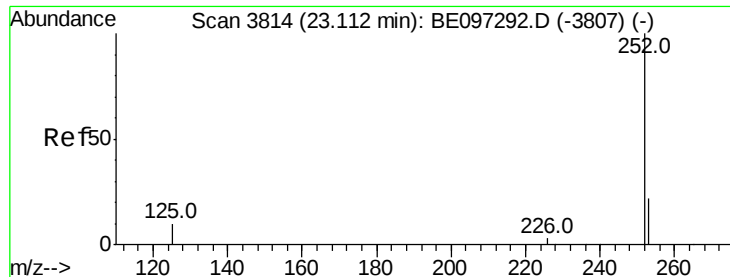
Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

125 11.0 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.343 ng/ul

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

Instrument :

BNA_E

ClientSampleId :

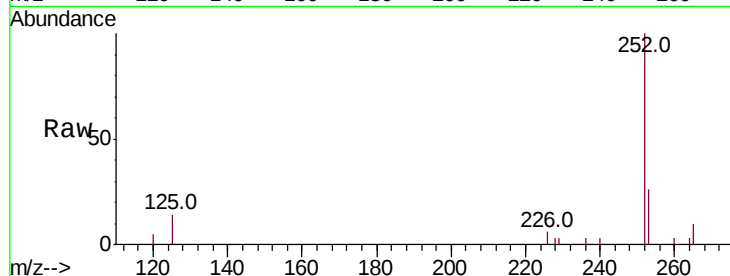
Tot Ion:252 Resp: 4147

Ion Ratio Lower Upper

252 100

253 25.8 28.5 42.7#

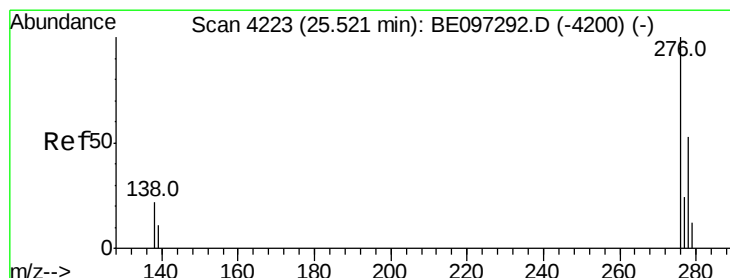
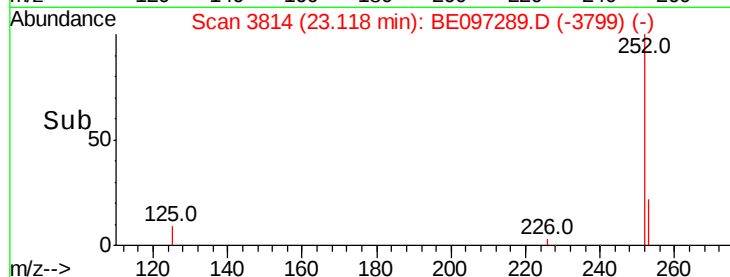
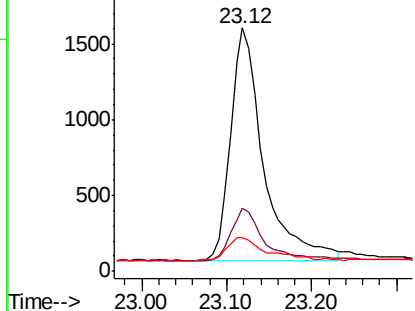
125 13.8 18.1 27.1#



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: 0.323 ng/ul

RT: 25.53 min Scan# 4226

Delta R.T. 0.01 min

Lab File: BE097289.D

Acq: 17 Aug 2018 9:45

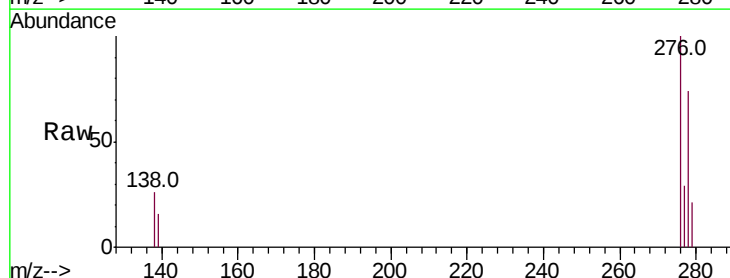
Tgt Ion:276 Resp: 4886

Ion Ratio Lower Upper

276 100

138 20.6 28.0 42.0#

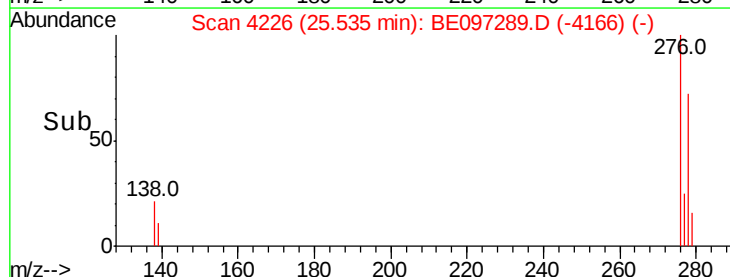
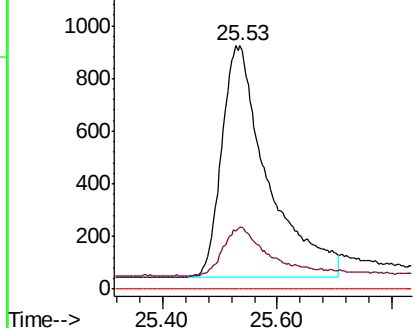
227 0.0 8.0 12.0#

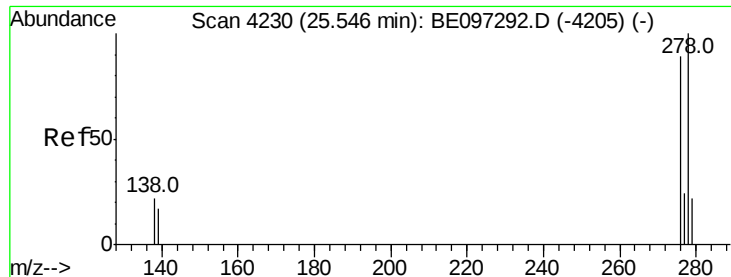


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



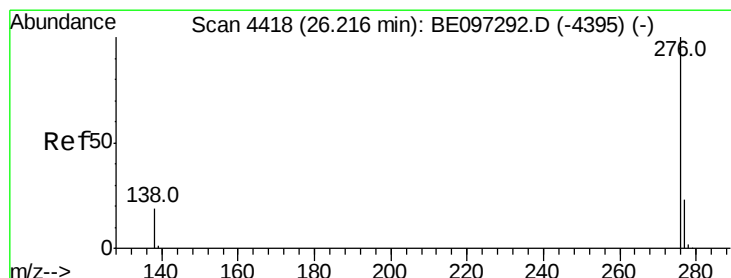
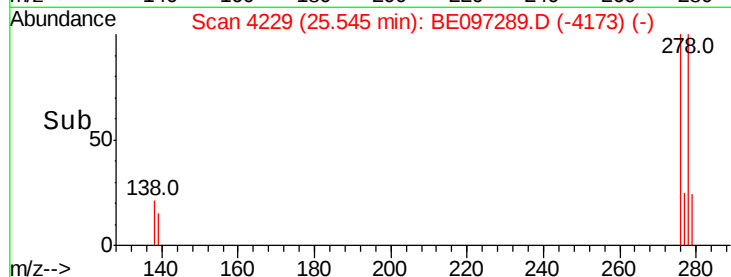
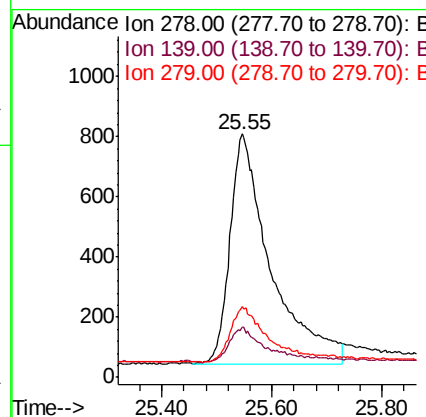
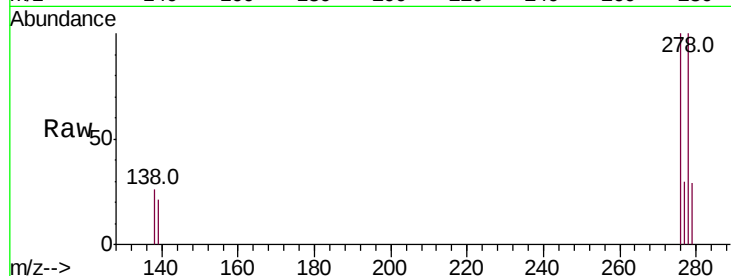


#25
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 25.55 min Scan# 4229
Delta R.T. -0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3930

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.4	26.0
279	28.9	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 26.22 min Scan# 4418
Delta R.T. 0.00 min
Lab File: BE097289.D
Acq: 17 Aug 2018 9:45

Tgt Ion:276 Resp: 4119

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.8	32.8
277	27.2	20.5	30.7

