

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082418\
 Data File : BE097359.D
 Acq On : 24 Aug 2018 8:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 24 22:40:41 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 : Sat Aug 18 05:45:47 2018
 Response via : Initial Calibration

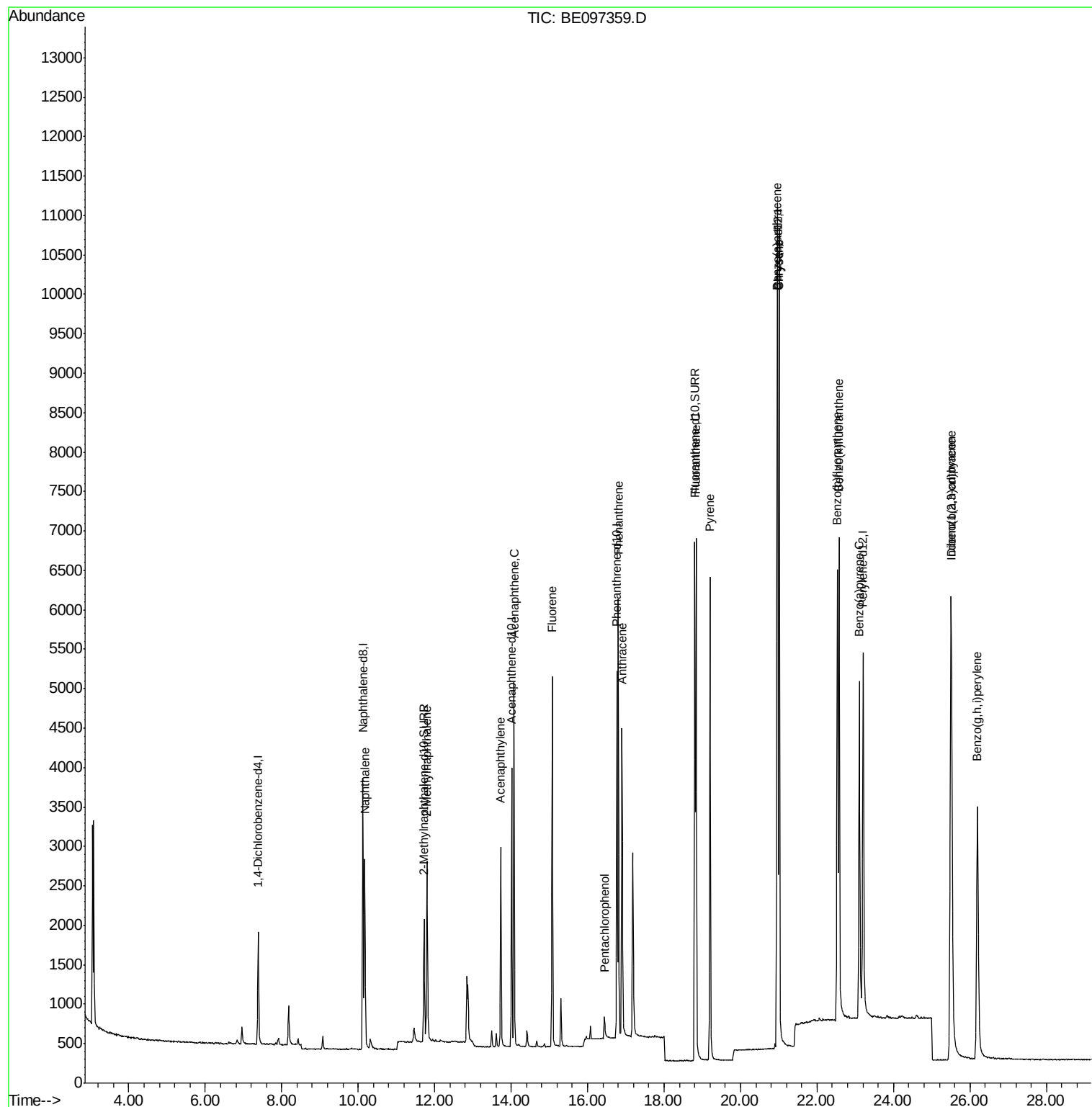
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	800	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	3768	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2025	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	5681	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	7297	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	6709	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2359	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	7603	0.50	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	3719	0.405	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2353	0.397	ng/ul	98
7) Acenaphthylene	13.73	152	3015	0.330	ng/ul	99
8) Acenaphthene	14.07	153	2592	0.394	ng/ul	95
9) Fluorene	15.07	166	2984	0.417	ng/ul#	92
11) Pentachlorophenol	16.44	266	201	0.545	ng/ul	98
12) Phenanthrene	16.80	178	5929	0.404	ng/ul#	88
13) Anthracene	16.90	178	4946	0.402	ng/ul#	92
15) Fluoranthene	18.84	202	7600	0.487	ng/ul	84
17) Pyrene	19.20	202	7383	0.335	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	7615	0.421	ng/ul#	86
19) Chrysene	21.01	228	8868	0.411	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	8110	0.446	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	7884	0.350	ng/ul#	86
23) Benzo(a)pyrene	23.10	252	7016	0.418	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.50	276	8981	0.430	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	7436	0.440	ng/ul#	89
26) Benzo(g,h,i)perylene	26.19	276	7905	0.473	ng/ul#	91

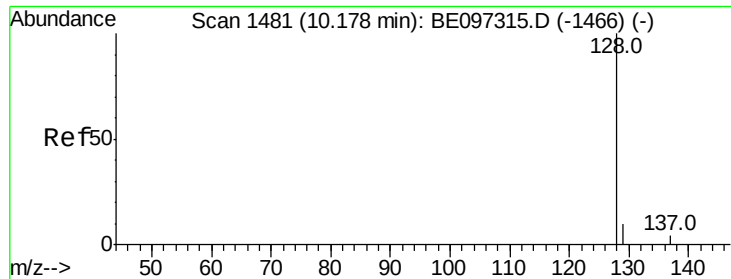
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.17 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

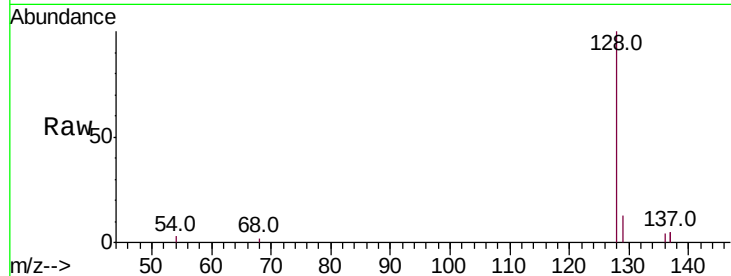
Tot Ion:128 Resp: 3719

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

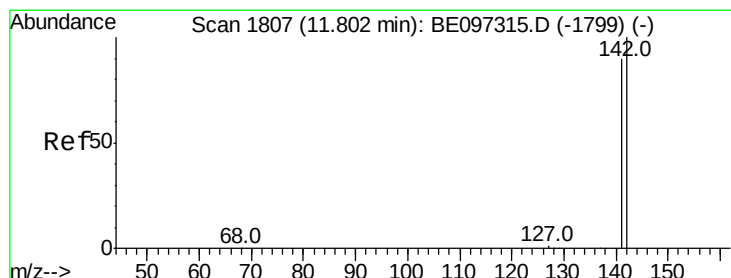
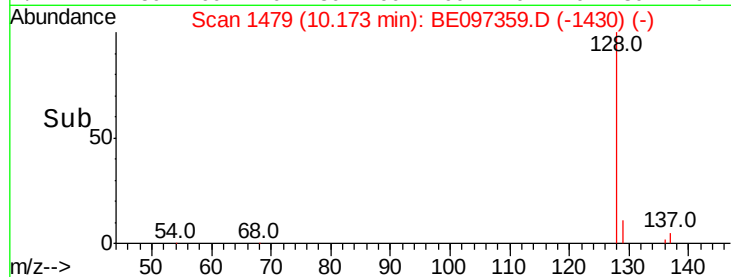
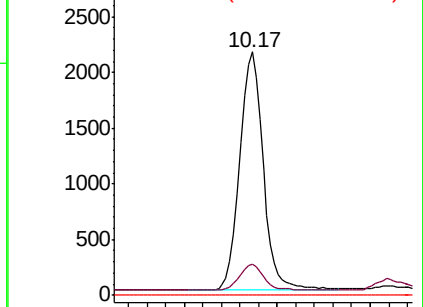
127 0.0 4.0 6.0#



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: 0.397 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097359.D

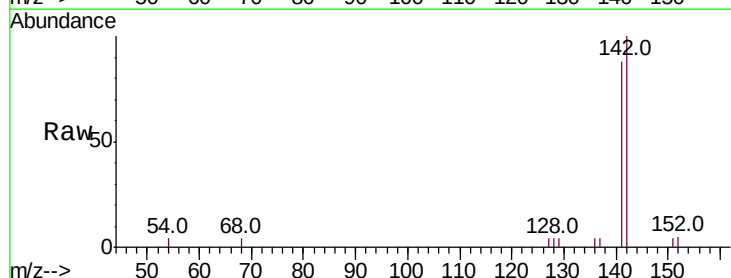
Acq: 24 Aug 2018 8:58

Tgt Ion:142 Resp: 2353

Ion Ratio Lower Upper

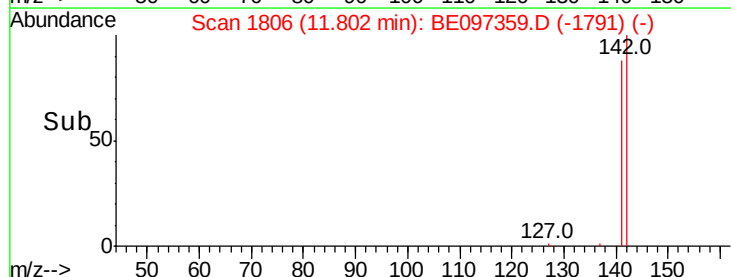
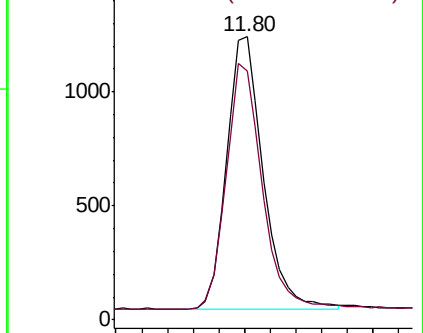
142 100

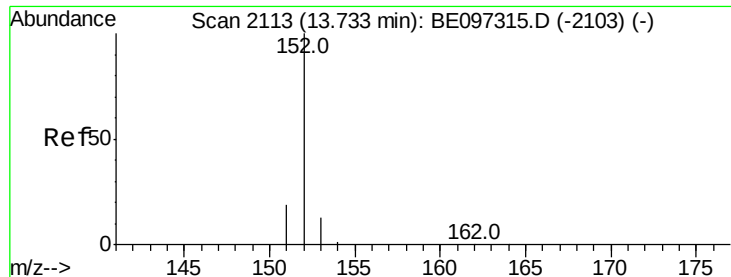
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.330 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

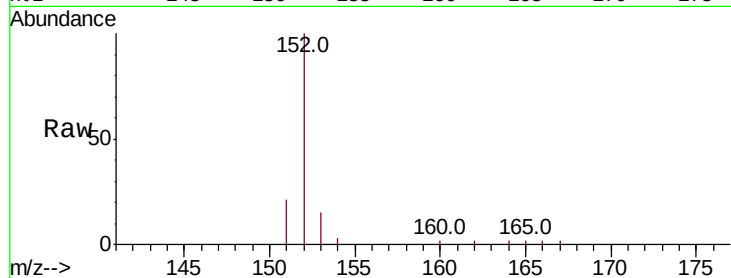
Tot Ion:152 Resp: 3015

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

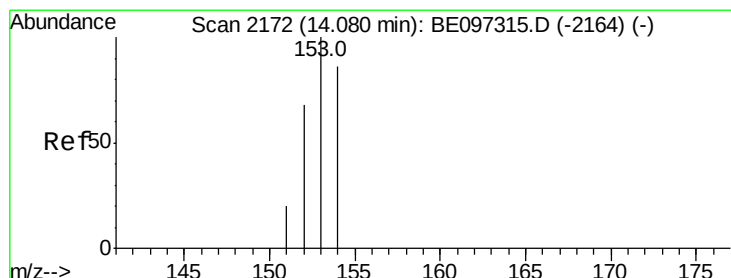
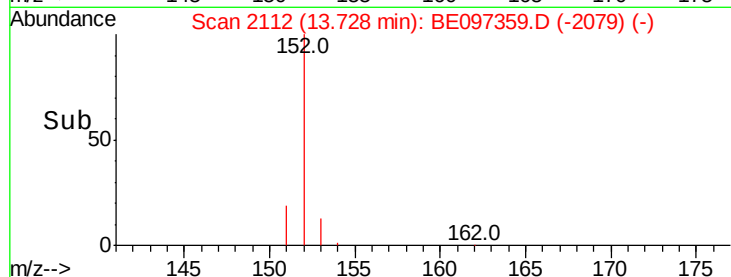
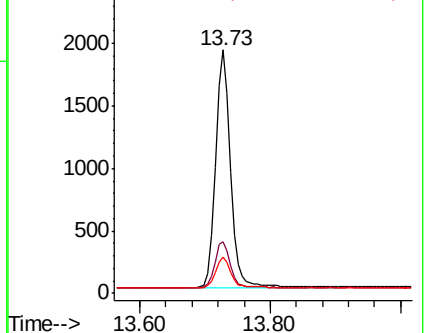
153 14.9 12.8 19.2



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: 0.394 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

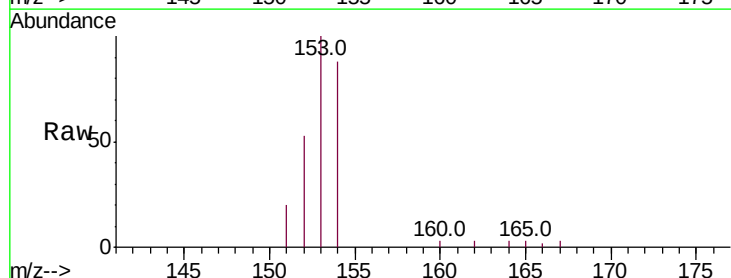
Tgt Ion:153 Resp: 2592

Ion Ratio Lower Upper

153 100

152 52.8 36.0 54.0

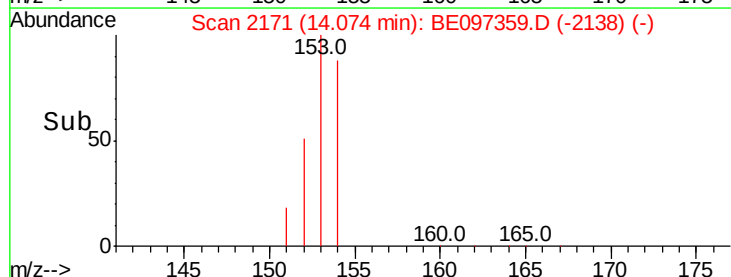
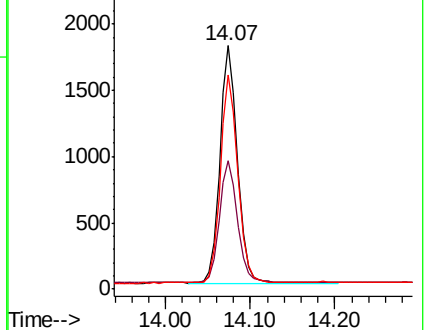
154 87.9 72.0 108.0

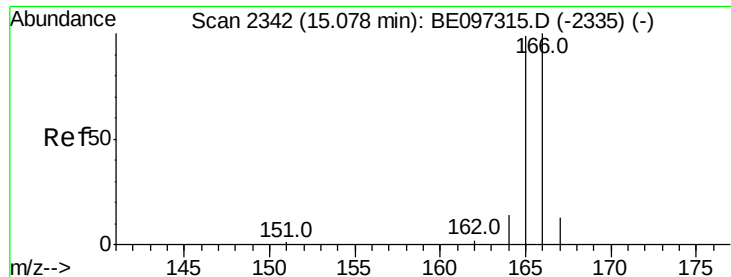


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

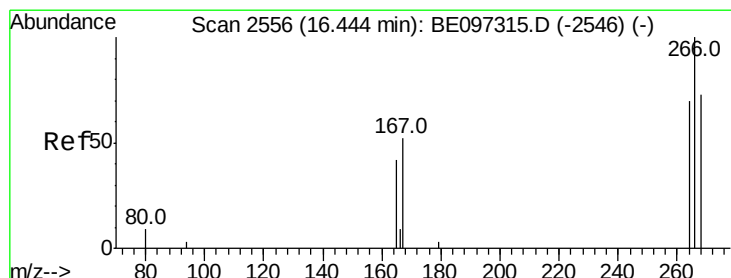
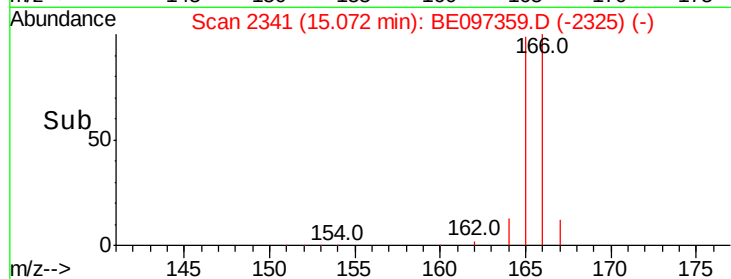
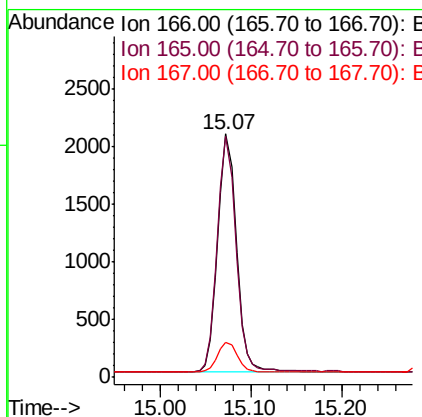
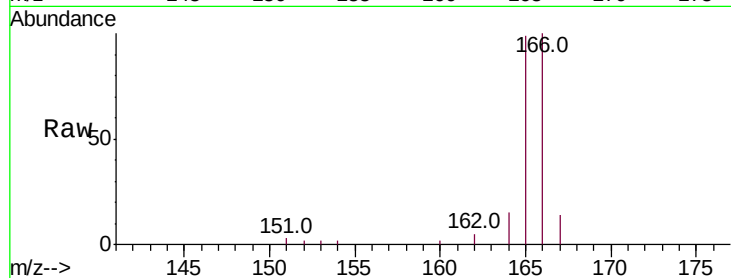




#9
Fluorene
 Concen: 0.417 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BE097359.D
 Acq: 24 Aug 2018 8:58

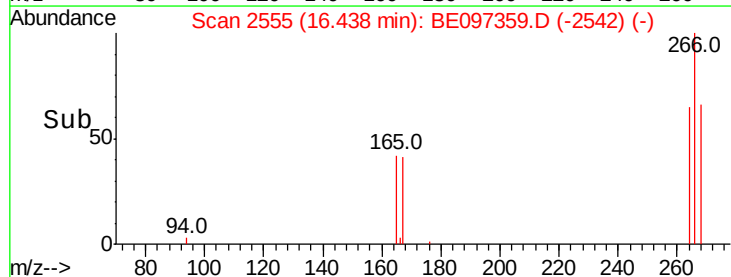
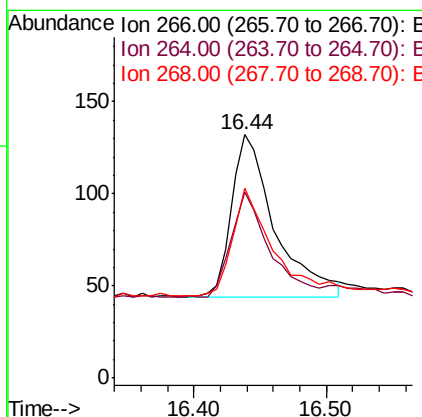
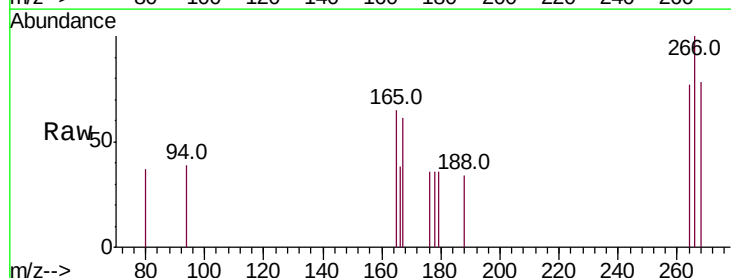
Instrument :
 BNA_E
 ClientSampled :

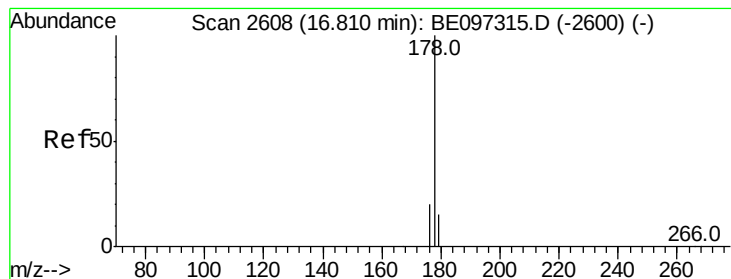
Tot Ion:166 Resp: 2984
 Ion Ratio Lower Upper
 166 100
 165 98.8 73.4 110.2
 167 14.3 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.545 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BE097359.D
 Acq: 24 Aug 2018 8:58

Tgt Ion:266 Resp: 201
 Ion Ratio Lower Upper
 266 100
 264 58.2 47.9 71.9
 268 60.7 49.8 74.8





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

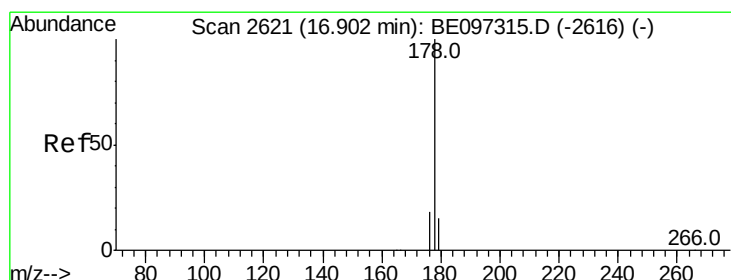
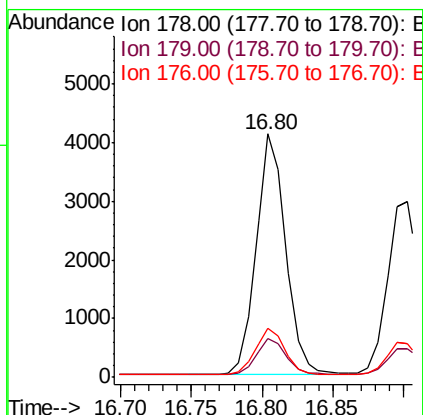
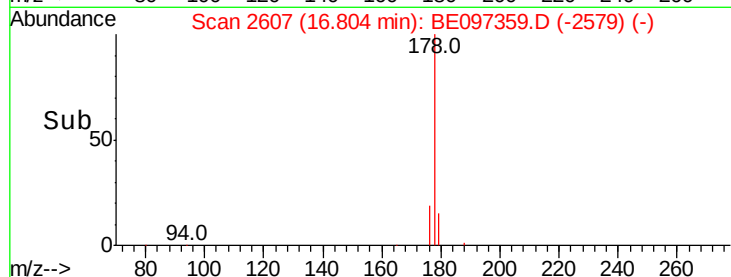
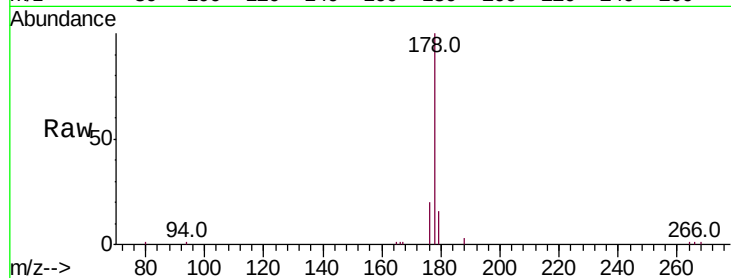
Tot Ion:178 Resp: 5929

Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

176 20.1 13.6 20.4



#13

Anthracene

Concen: 0.402 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

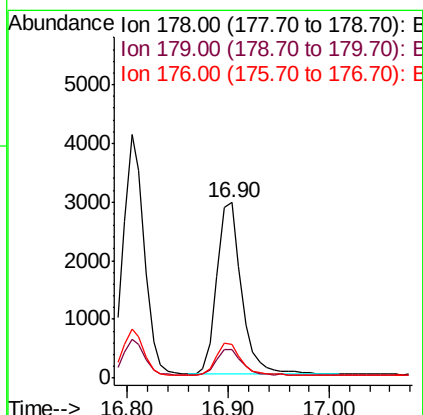
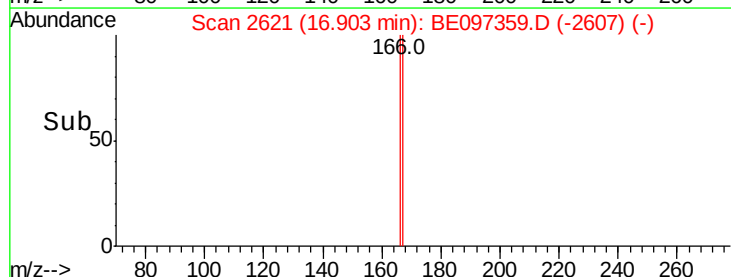
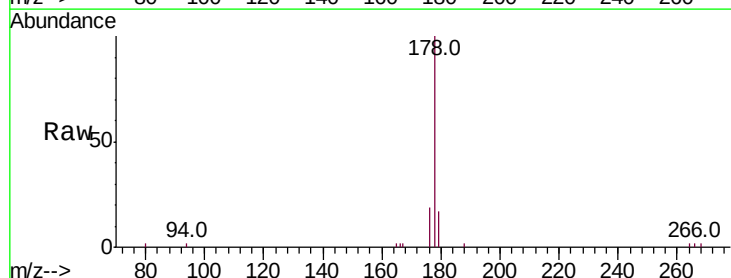
Tgt Ion:178 Resp: 4946

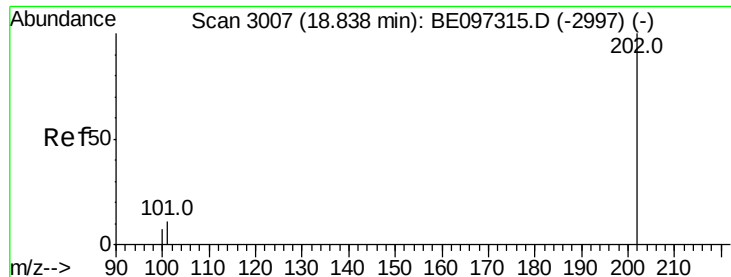
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 19.2 14.7 22.1





#15

Fluoranthene

Concen: 0.487 ng/ul

RT: 18.84 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

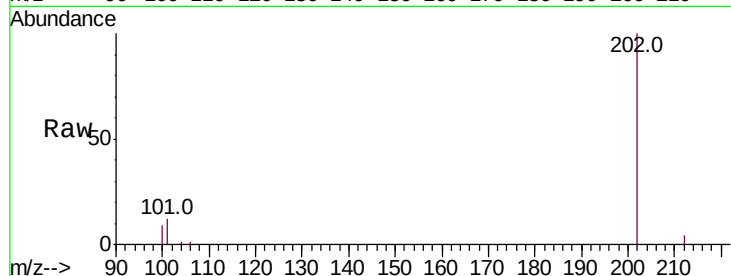
Tot Ion:202 Resp: 7600

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

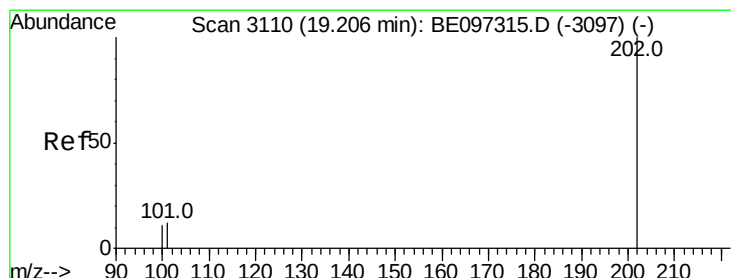
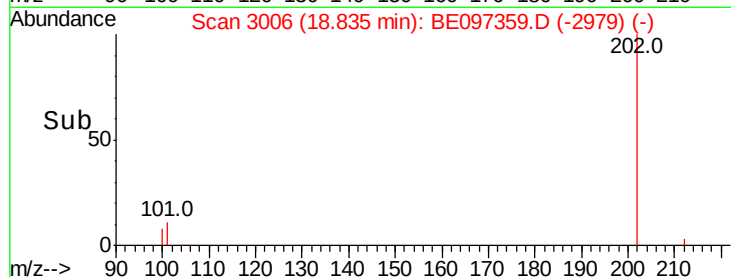
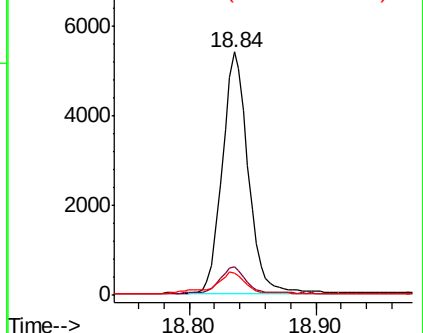
100 9.2 0.0 39.5



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: 0.335 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

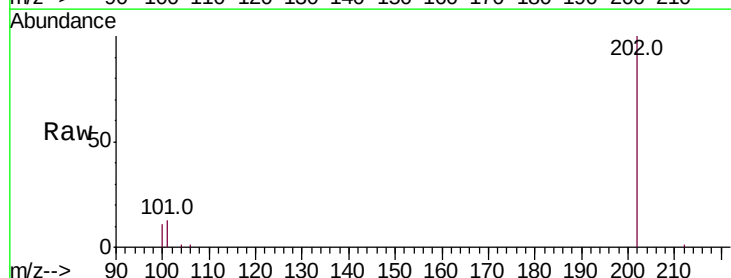
Tgt Ion:202 Resp: 7383

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

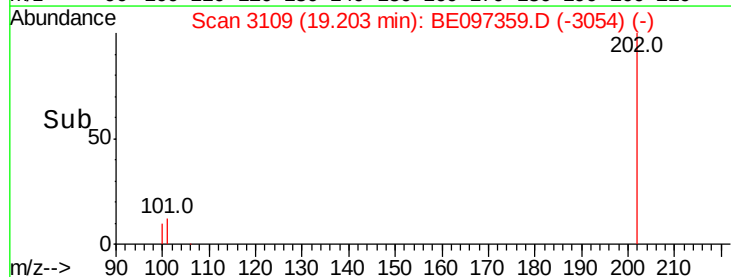
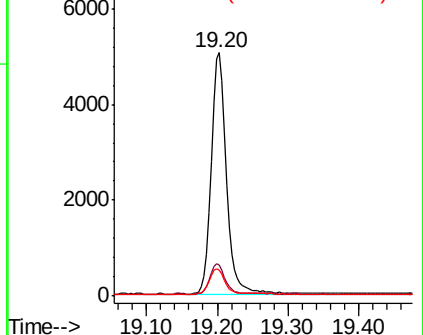
100 10.8 15.6 23.4#

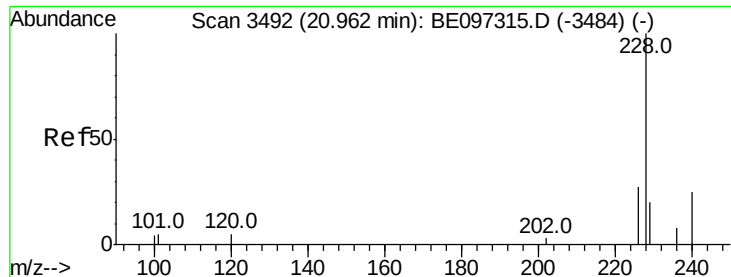


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

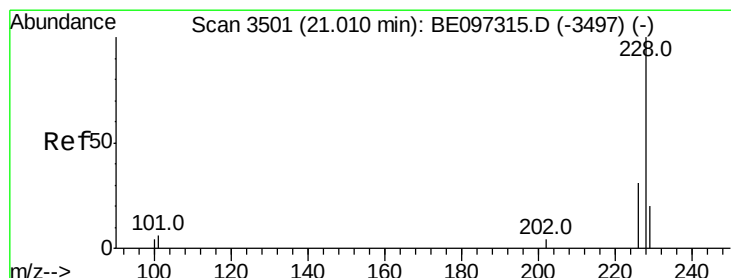
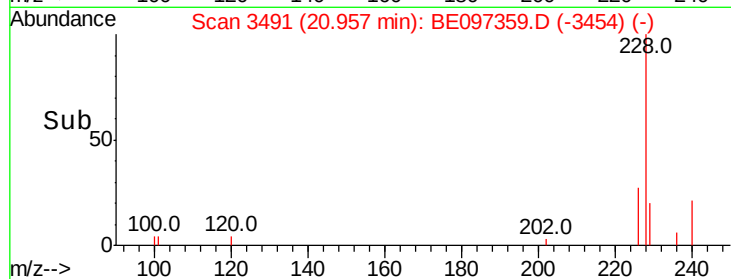
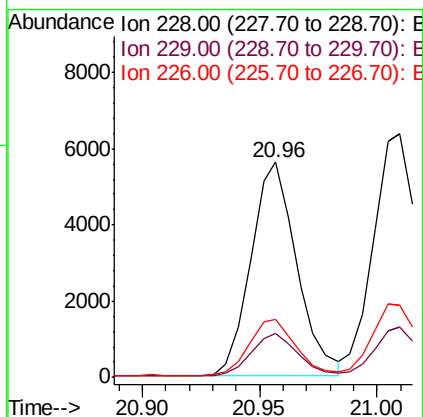
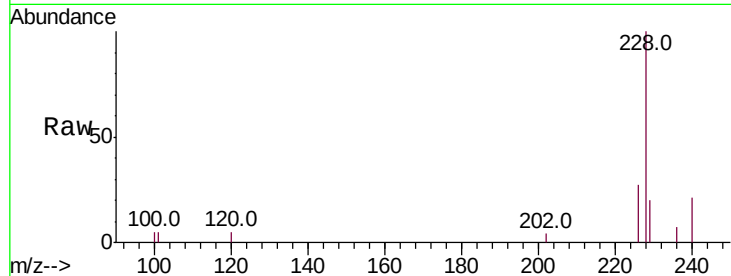




#18
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BE097359.D
Acq: 24 Aug 2018 8:58

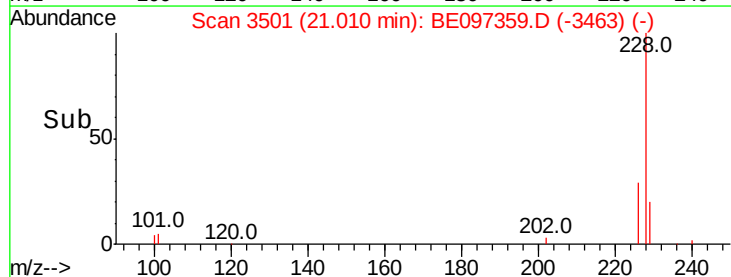
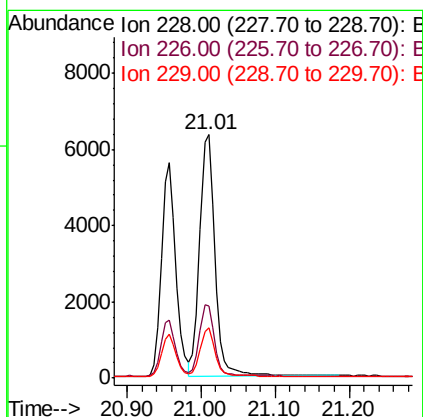
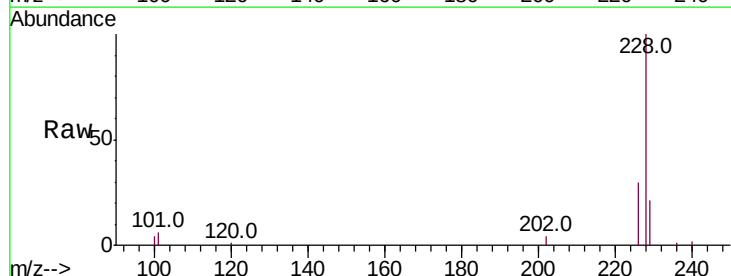
Instrument :
BNA_E
ClientSampleId :

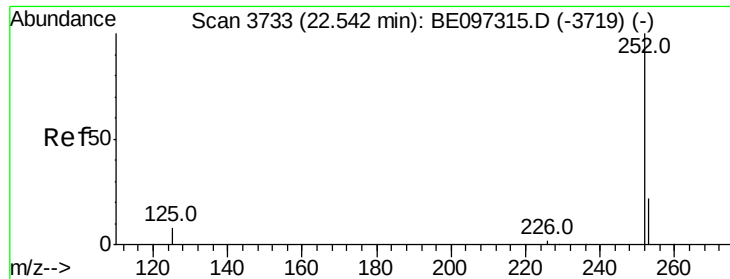
Tot Ion:228 Resp: 7615
Ion Ratio Lower Upper
228 100
229 20.4 22.8 34.2#
226 27.1 17.0 25.6#



#19
Chrysene
Concen: 0.411 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097359.D
Acq: 24 Aug 2018 8:58

Tgt Ion:228 Resp: 8868
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 20.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.446 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

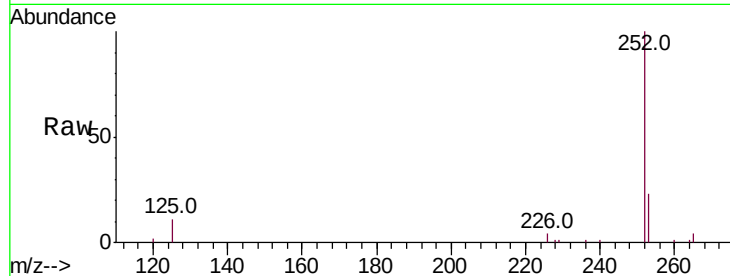
Tot Ion:252 Resp: 8110

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

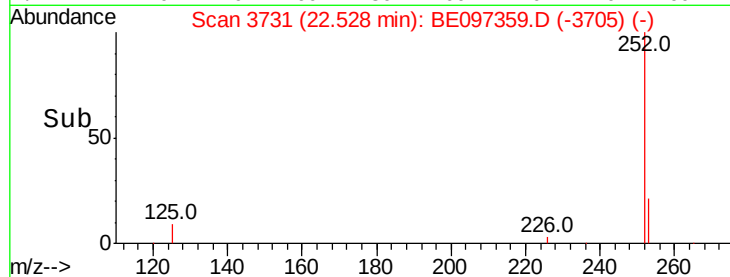
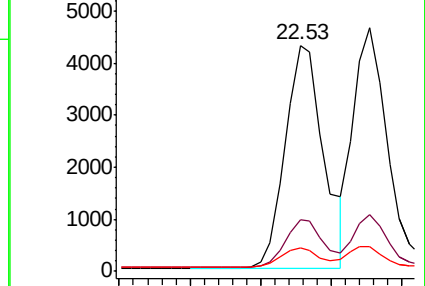
125 10.6 0.0 35.0



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: 0.350 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

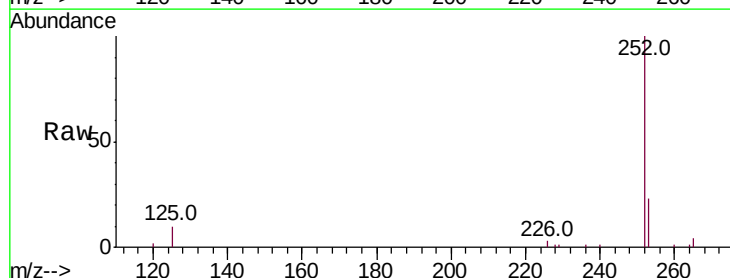
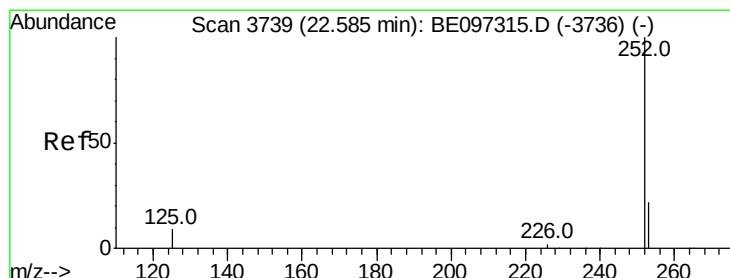
Tgt Ion:252 Resp: 7884

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

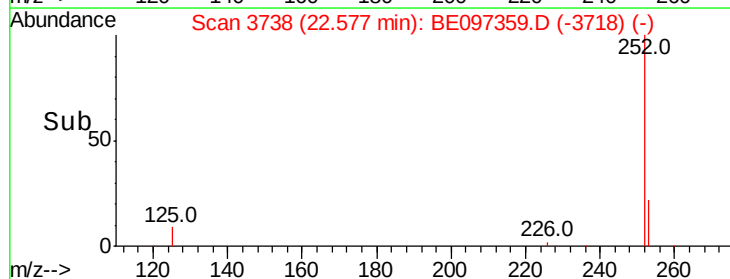
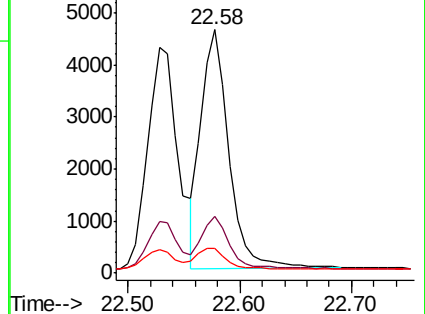
125 10.1 13.7 20.5#

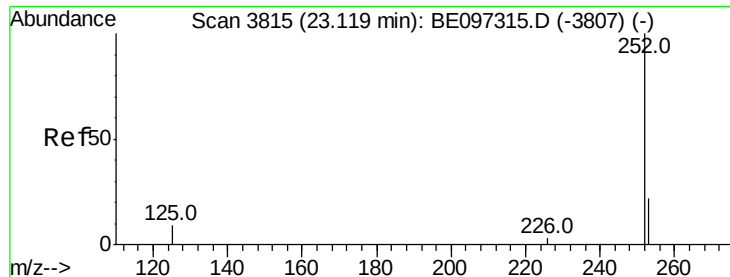


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.418 ng/ul

RT: 23.10 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

Instrument :

BNA_E

ClientSampleId :

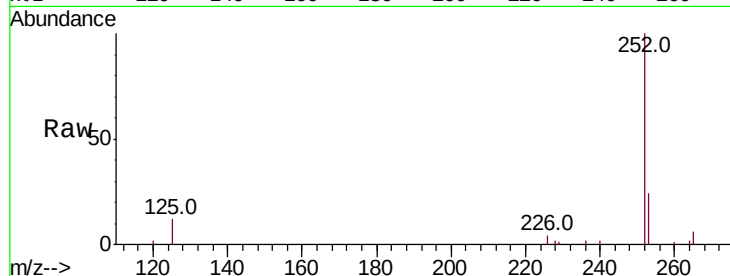
Tot Ion:252 Resp: 7016

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

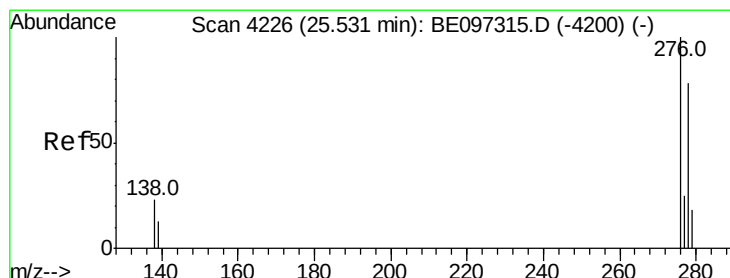
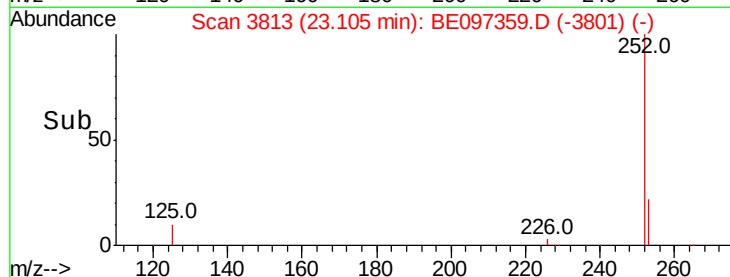
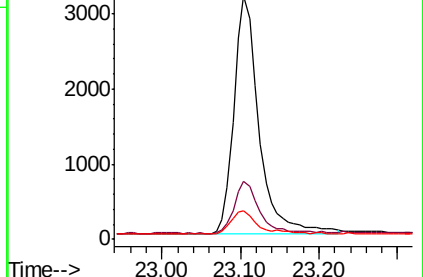
125 11.9 18.1 27.1#



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: 0.430 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. -0.04 min

Lab File: BE097359.D

Acq: 24 Aug 2018 8:58

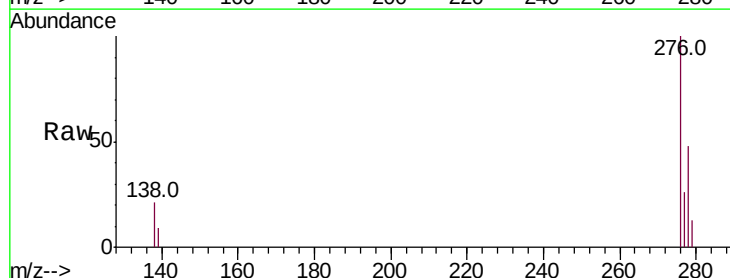
Tgt Ion:276 Resp: 8981

Ion Ratio Lower Upper

276 100

138 21.6 28.0 42.0#

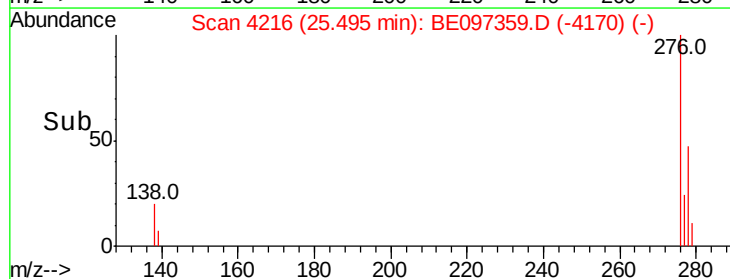
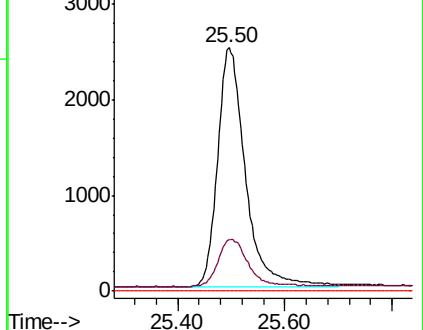
227 0.0 8.0 12.0#

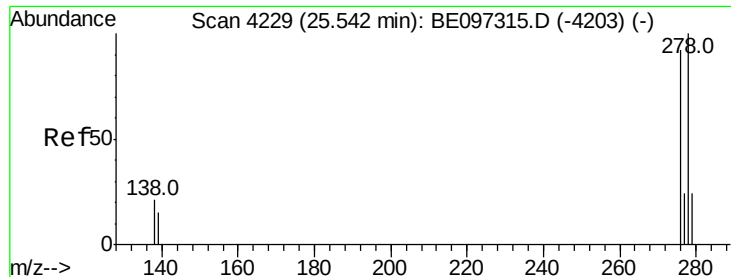


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

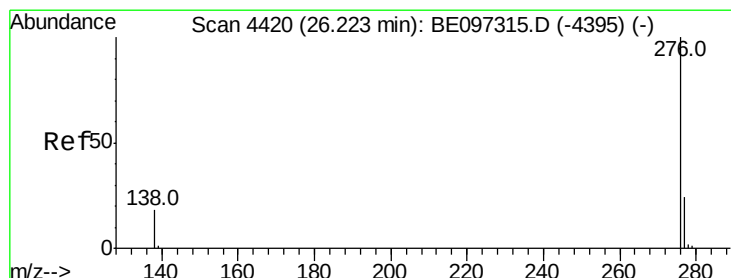
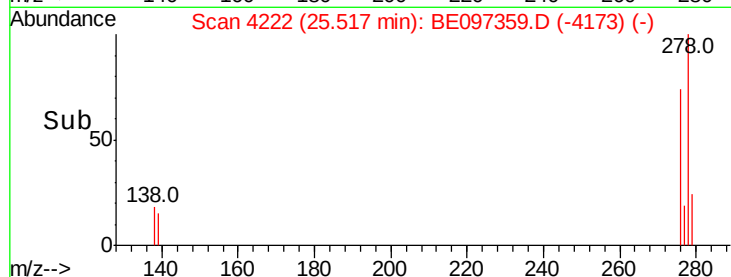
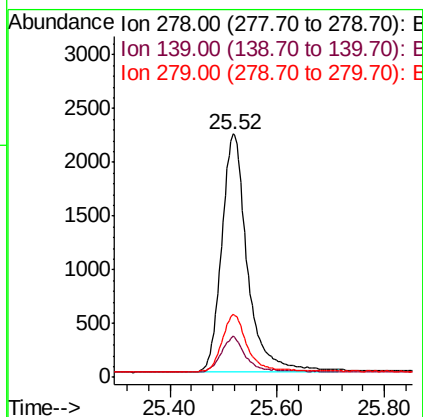
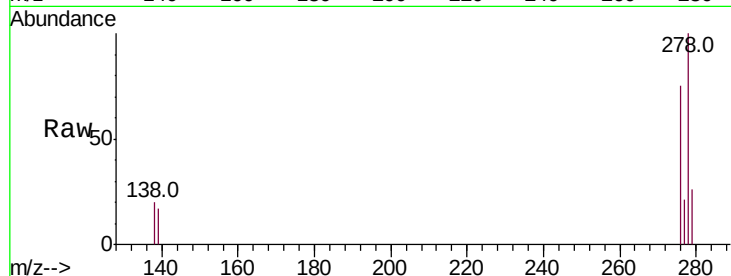




#25
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.03 min
Lab File: BE097359.D
Acq: 24 Aug 2018 8:58

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7436
Ion Ratio Lower Upper
278 100
139 16.8 17.4 26.0#
279 25.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 26.19 min Scan# 4412
Delta R.T. -0.03 min
Lab File: BE097359.D
Acq: 24 Aug 2018 8:58

Tgt Ion:276 Resp: 7905
Ion Ratio Lower Upper
276 100
138 19.2 21.8 32.8#
277 24.6 20.5 30.7

