

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097315.D
 Acq On : 18 Aug 2018 2:37
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 05:22:50 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 23:33:44 2018
 Response via : Initial Calibration

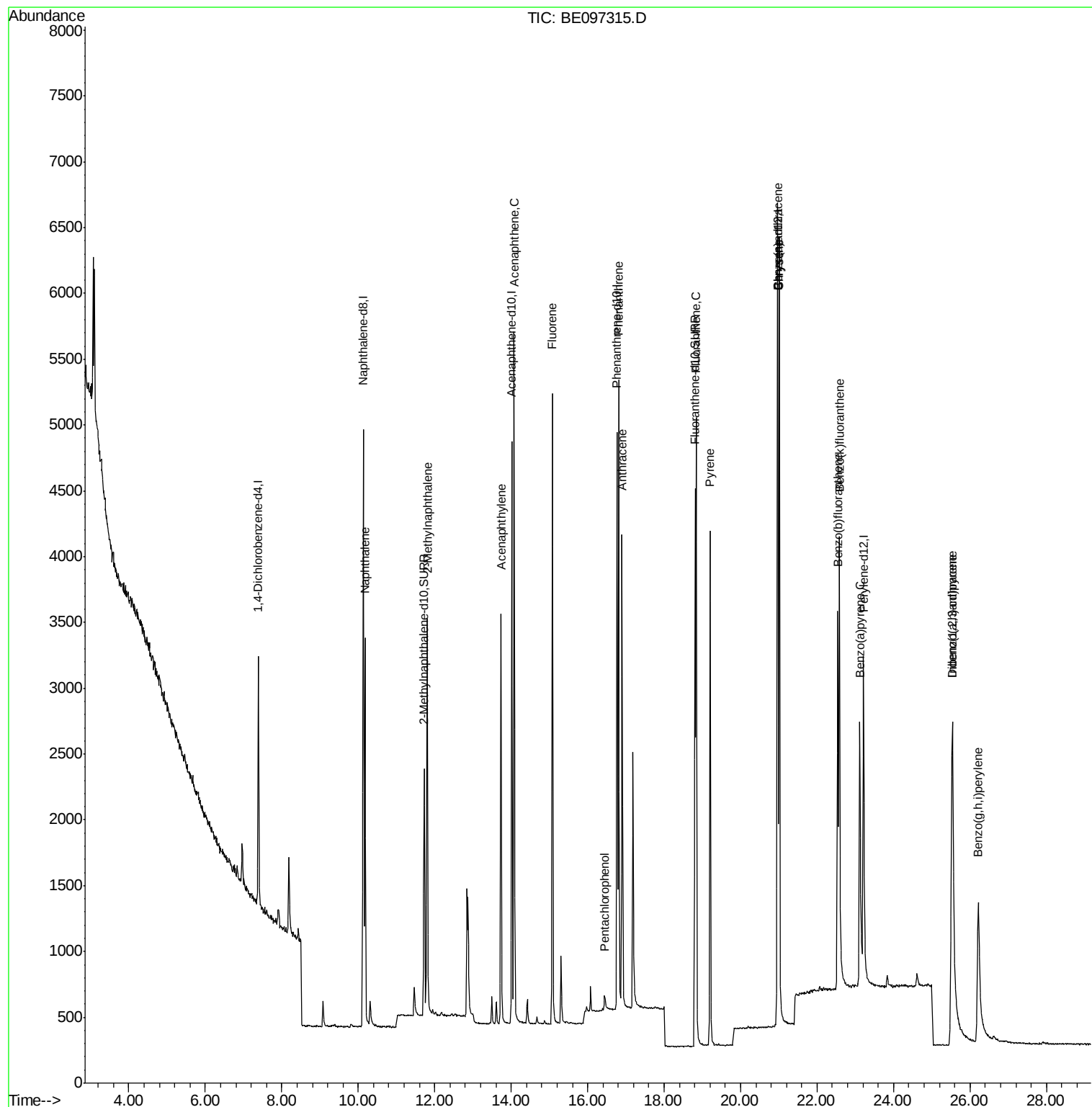
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	975	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4861	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2268	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5391	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	4655	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	3868	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2698	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5223	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	4431	0.374	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	2728	0.357	ng/ul	100
7) Acenaphthylene	13.73	152	3797	0.371	ng/ul	98
8) Acenaphthene	14.08	153	2889	0.392	ng/ul#	86
9) Fluorene	15.08	166	3077	0.384	ng/ul	92
11) Pentachlorophenol	16.44	266	98	0.280	ng/ul	94
12) Phenanthrene	16.81	178	5132	0.368	ng/ul#	88
13) Anthracene	16.90	178	4074	0.349	ng/ul#	92
15) Fluoranthene	18.84	202	5469	0.370	ng/ul	84
17) Pyrene	19.21	202	4631	0.329	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	4179	0.362	ng/ul#	85
19) Chrysene	21.01	228	5066	0.368	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	4197	0.401	ng/ul	85
22) Benzo(k)fluoranthene	22.58	252	4936	0.380	ng/ul#	88
23) Benzo(a)pyrene	23.12	252	3686	0.381	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.53	276	4759	0.395	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.54	278	3915	0.402	ng/ul	94
26) Benzo(g,h,i)perylene	26.22	276	3686	0.382	ng/ul	94

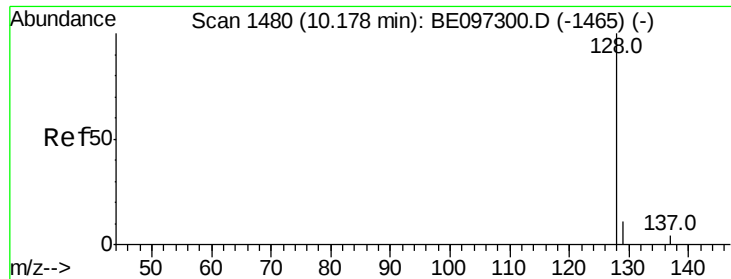
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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QLast Update : Fri Aug 17 23:33:44 2018
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#3

Naphthalene

Concen: 0.374 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

Instrument :

BNA_E

ClientSampleId :

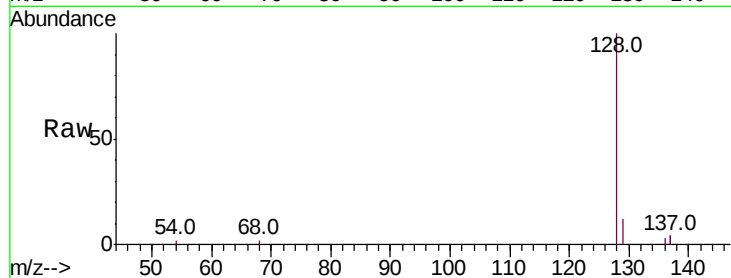
Tot Ion:128 Resp: 4431

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

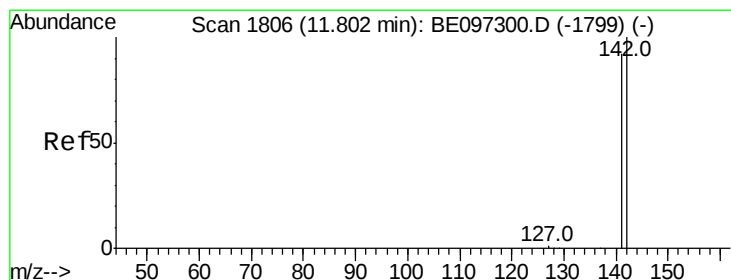
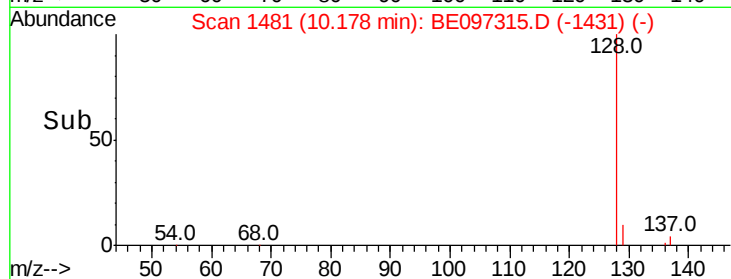
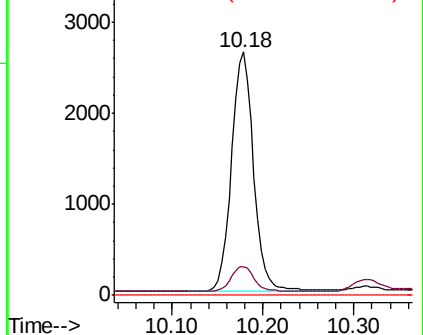
127 0.0 4.0 6.0#



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: 0.357 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097315.D

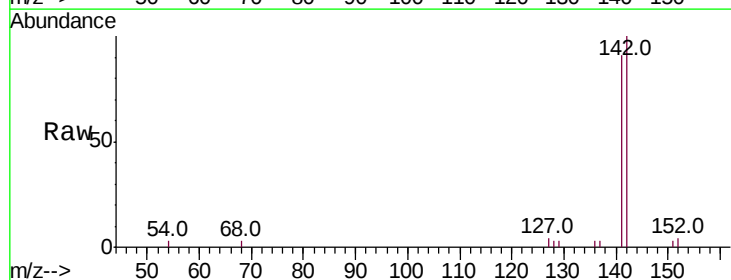
Acq: 18 Aug 2018 2:37

Tgt Ion:142 Resp: 2728

Ion Ratio Lower Upper

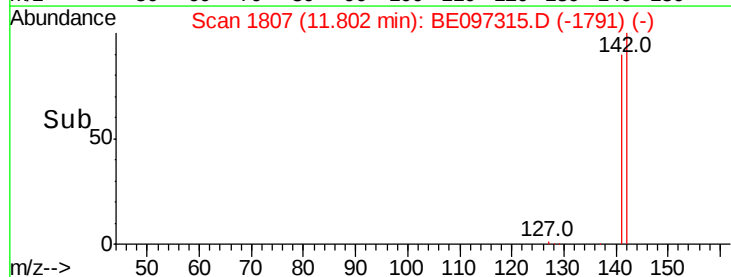
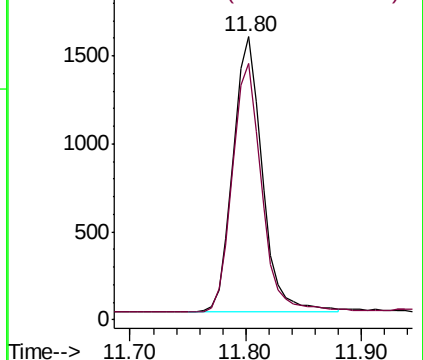
142 100

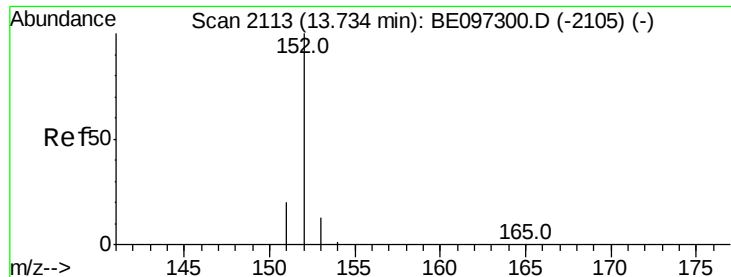
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.371 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

Instrument :

BNA_E

ClientSampleId :

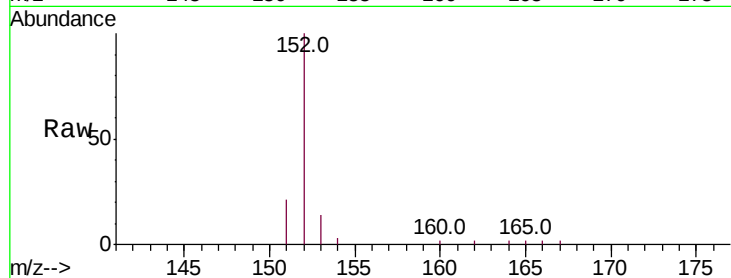
Tot Ion:152 Resp: 3797

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

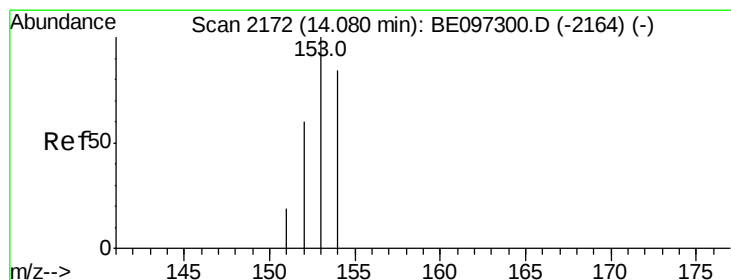
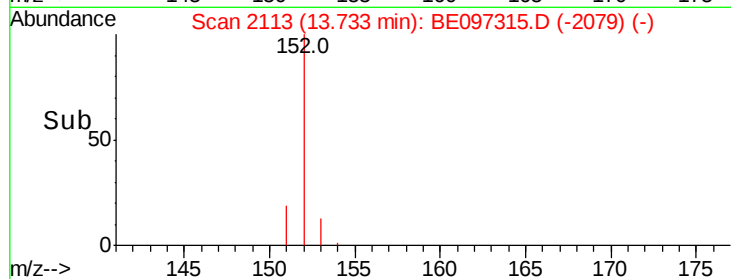
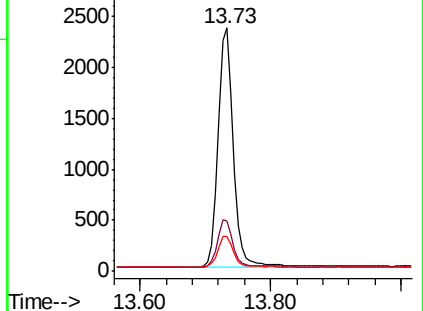
153 14.4 12.8 19.2



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: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

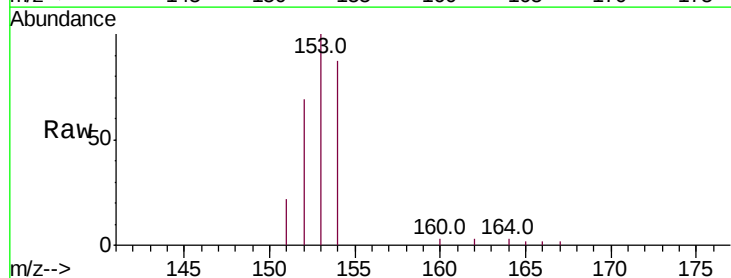
Tgt Ion:153 Resp: 2889

Ion Ratio Lower Upper

153 100

152 68.9 36.0 54.0#

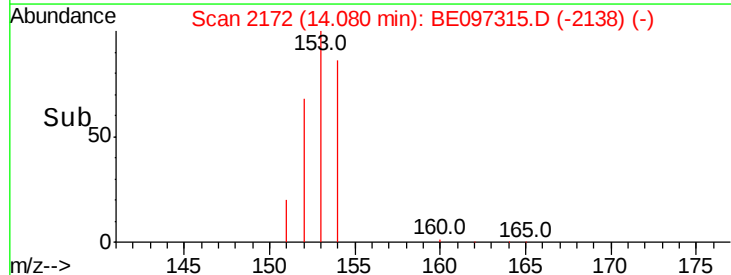
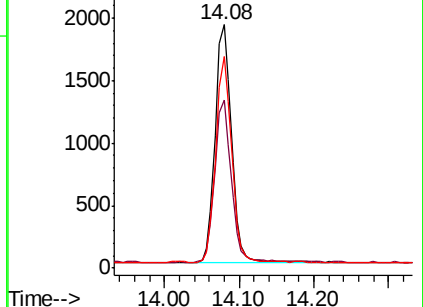
154 86.8 72.0 108.0

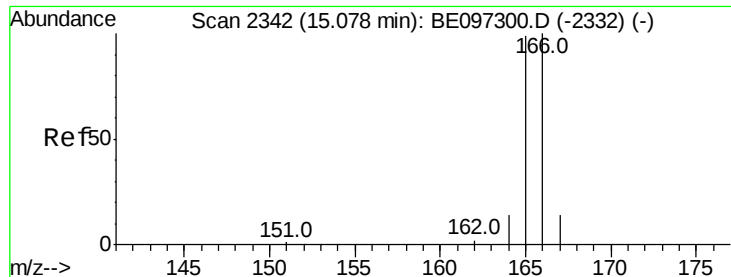


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

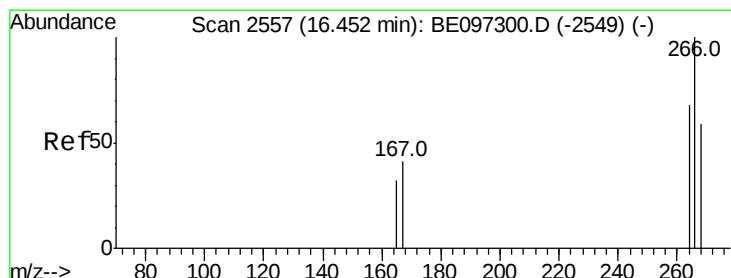
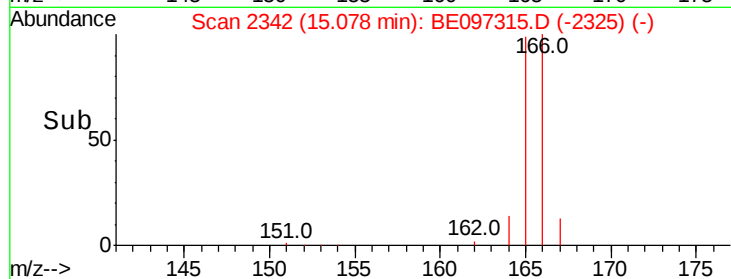
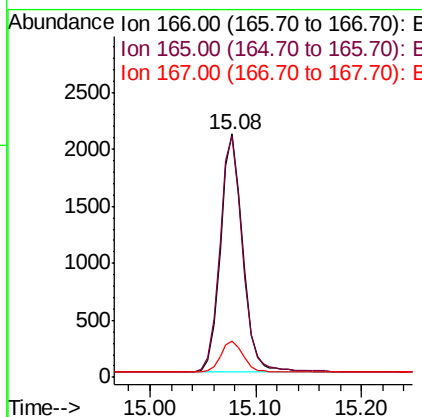
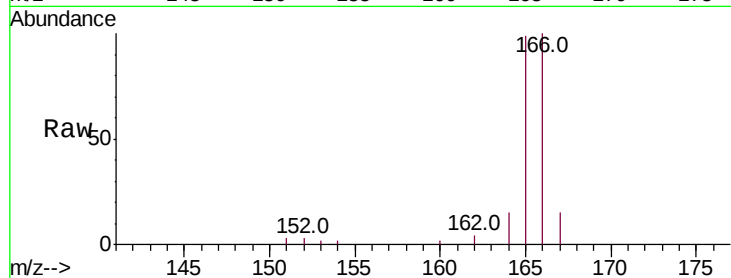




#9
Fluorene
 Concen: 0.384 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097315.D
 Acq: 18 Aug 2018 2:37

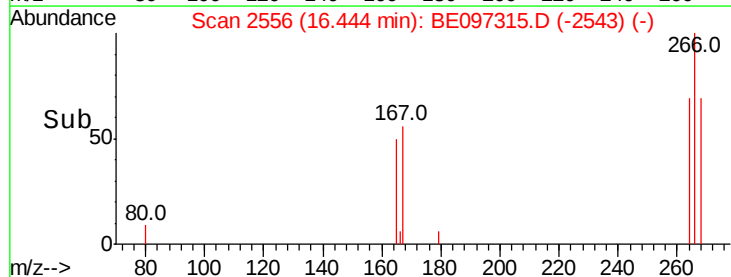
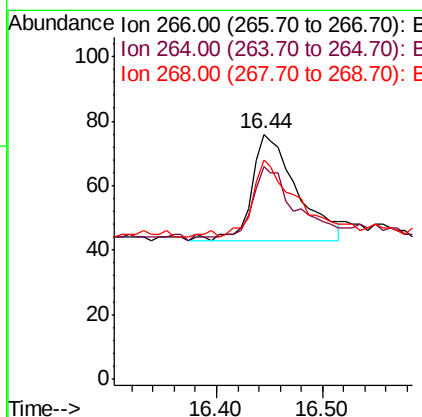
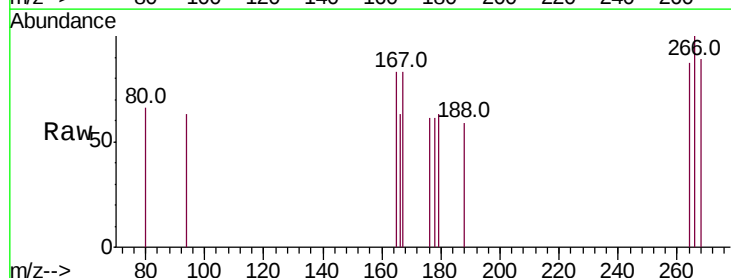
Instrument :
 BNA_E
 ClientSampleId :

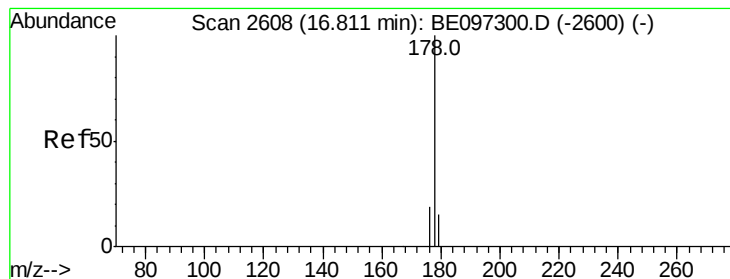
Tot Ion:166 Resp: 3077
 Ion Ratio Lower Upper
 166 100
 165 99.0 73.4 110.2
 167 14.7 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.280 ng/ul
 RT: 16.44 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BE097315.D
 Acq: 18 Aug 2018 2:37

Tgt Ion:266 Resp: 98
 Ion Ratio Lower Upper
 266 100
 264 61.2 47.9 71.9
 268 69.4 49.8 74.8





#12

Phenanthrene

Concen: 0.368 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

Instrument :

BNA_E

ClientSampleId :

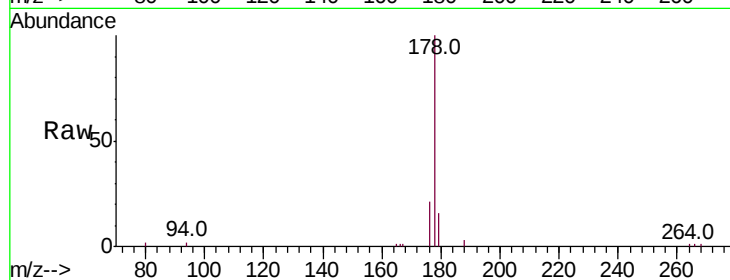
Tot Ion:178 Resp: 5132

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

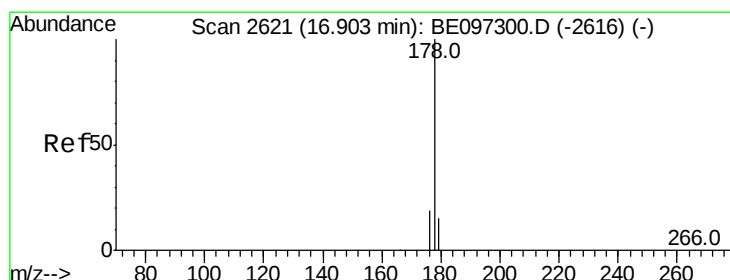
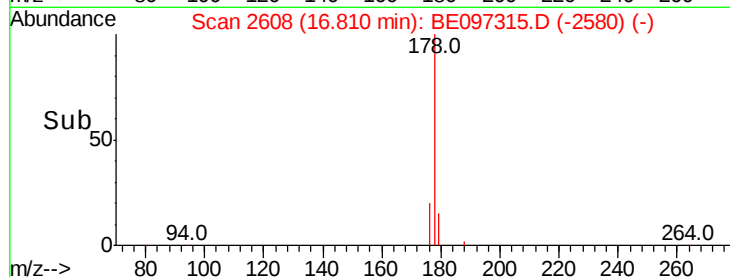
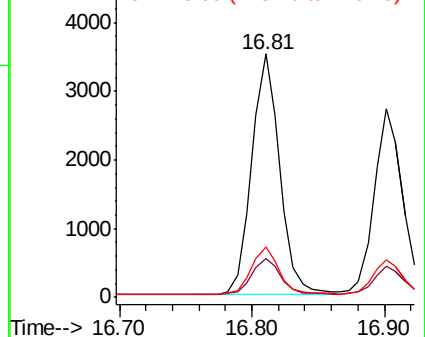
176 20.6 13.6 20.4#



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: 0.349 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

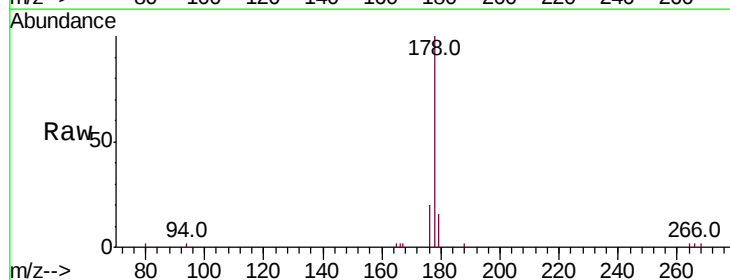
Tgt Ion:178 Resp: 4074

Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

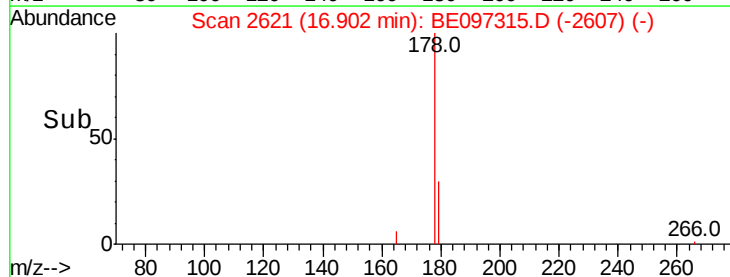
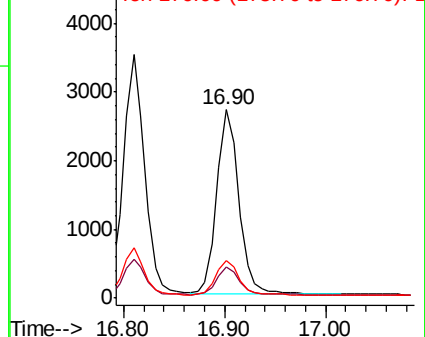
176 19.6 14.7 22.1

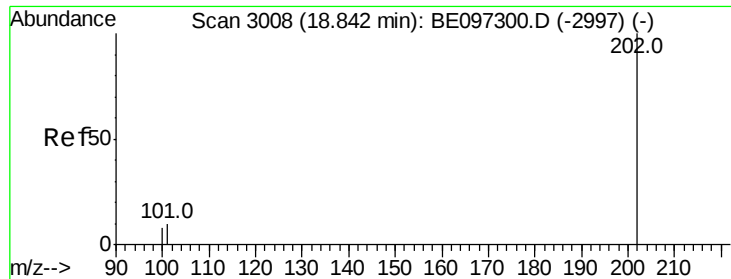


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

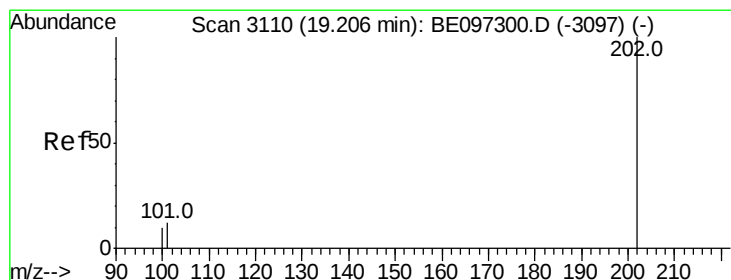
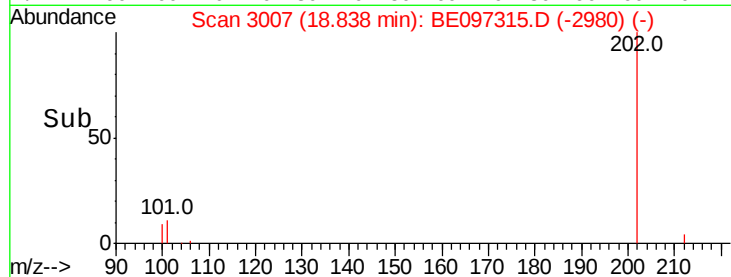
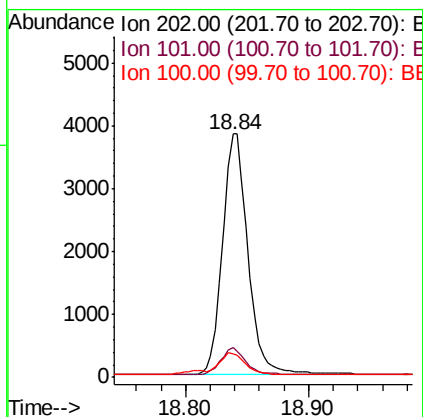
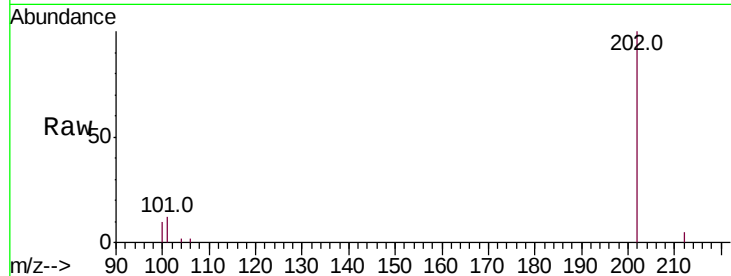




#15
Fluoranthene
Concen: 0.370 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

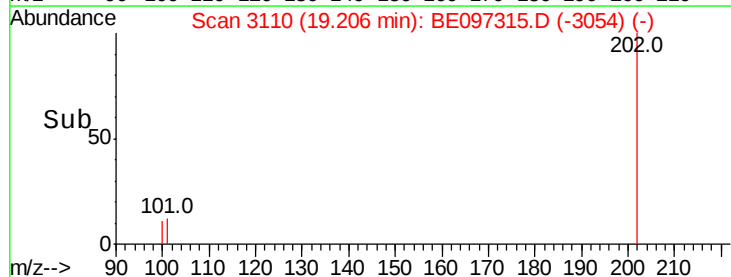
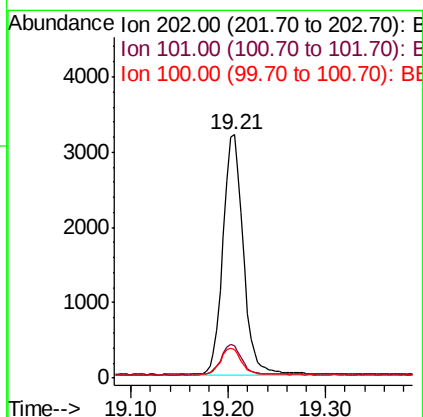
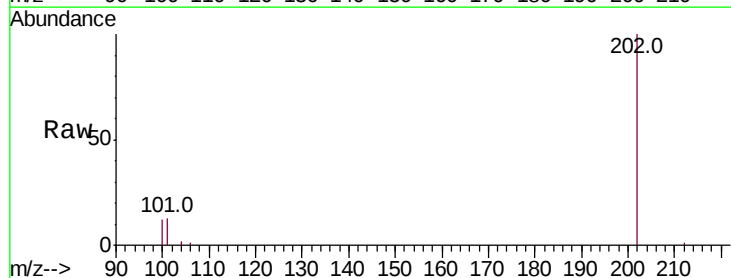
Instrument :
BNA_E
ClientSampleId :

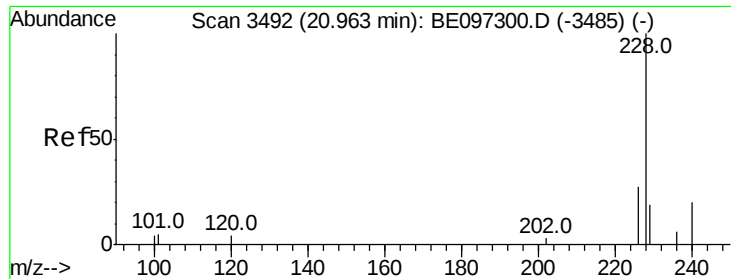
Tot Ion:202 Resp: 5469
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.3
100 9.8 0.0 39.5



#17
Pyrene
Concen: 0.329 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

Tgt Ion:202 Resp: 4631
Ion Ratio Lower Upper
202 100
101 13.3 18.2 27.4#
100 11.9 15.6 23.4#

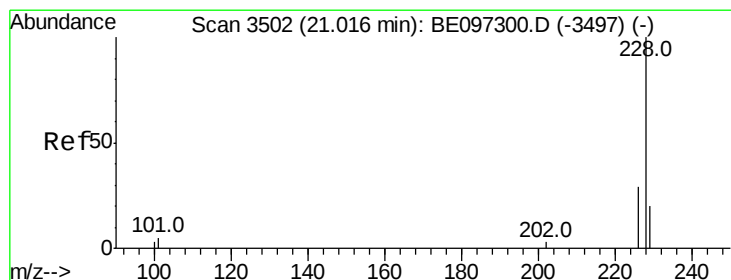
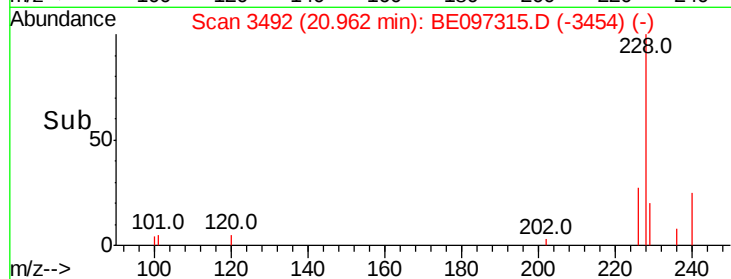
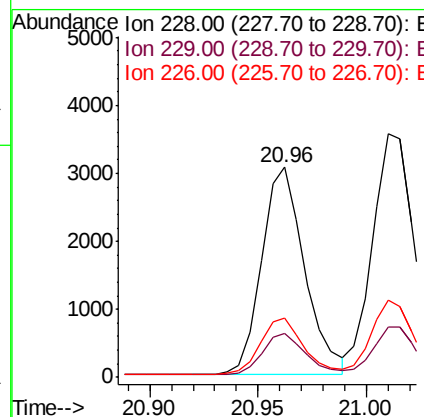
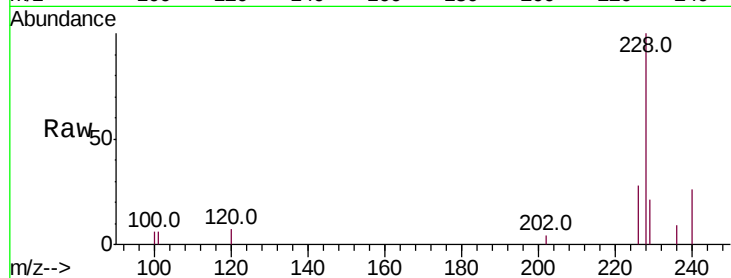




#18
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

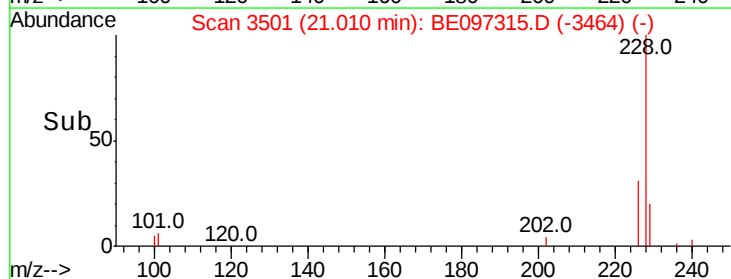
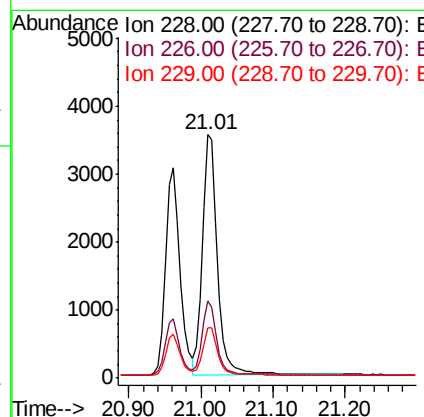
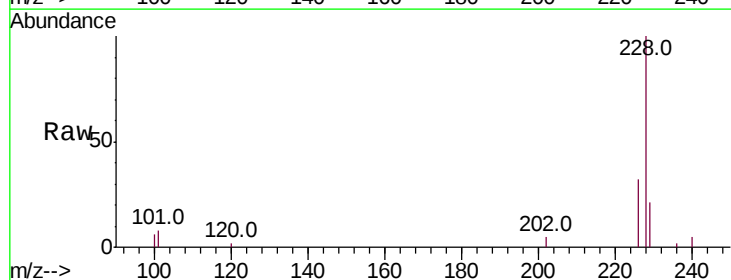
Instrument :
BNA_E
ClientSampleId :

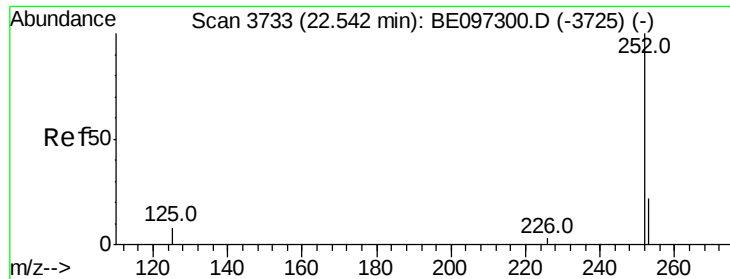
Tot Ion:228 Resp: 4179
Ion Ratio Lower Upper
228 100
229 20.9 22.8 34.2#
226 28.4 17.0 25.6#



#19
Chrysene
Concen: 0.368 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

Tgt Ion:228 Resp: 5066
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.0
229 20.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.401 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

Instrument :

BNA_E

ClientSampleId :

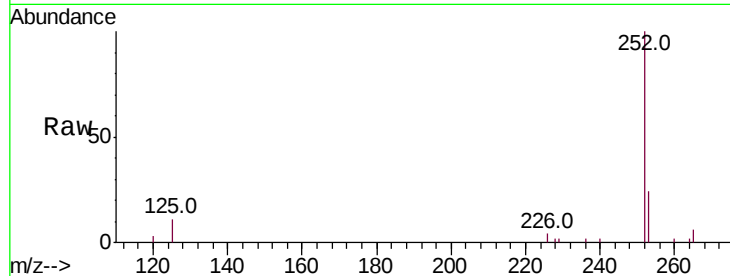
Tot Ion:252 Resp: 4197

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

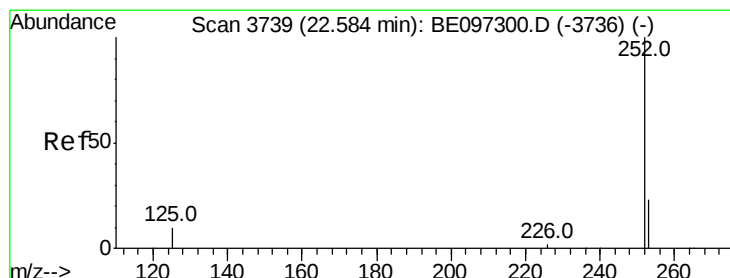
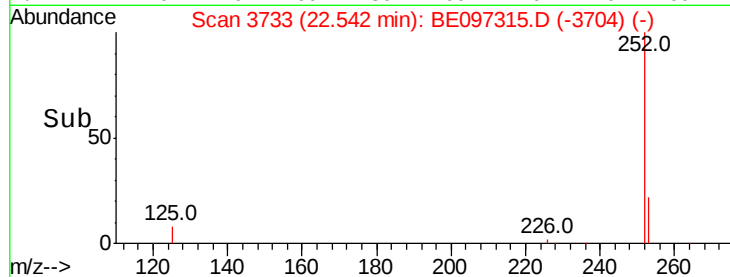
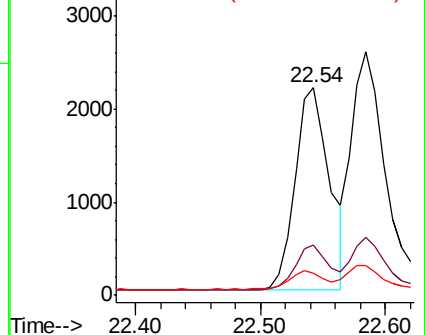
125 10.9 0.0 35.0



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: 0.380 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

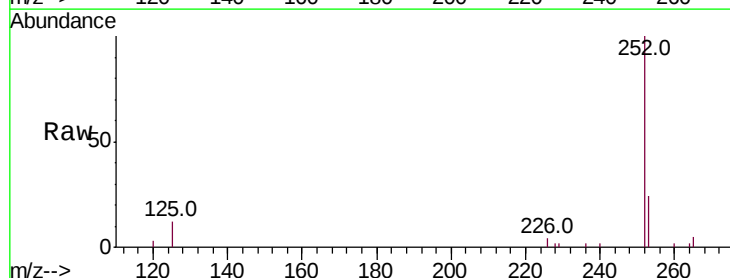
Tgt Ion:252 Resp: 4936

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

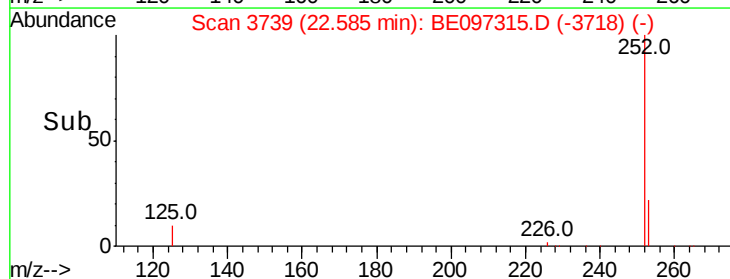
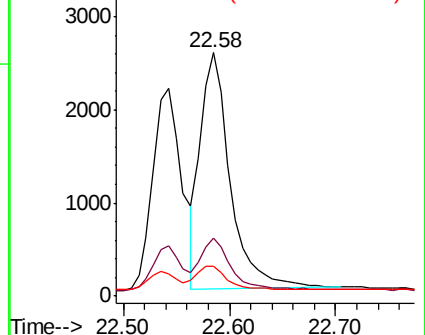
125 12.1 13.7 20.5#

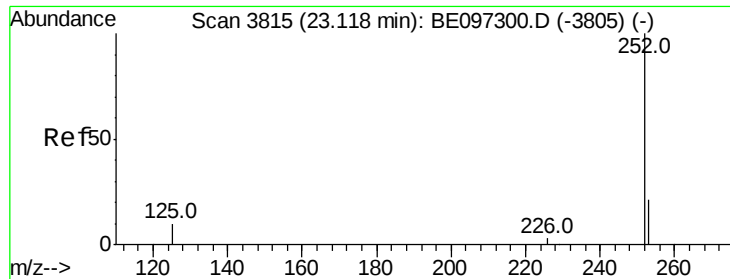


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

Instrument :

BNA_E

ClientSampleId :

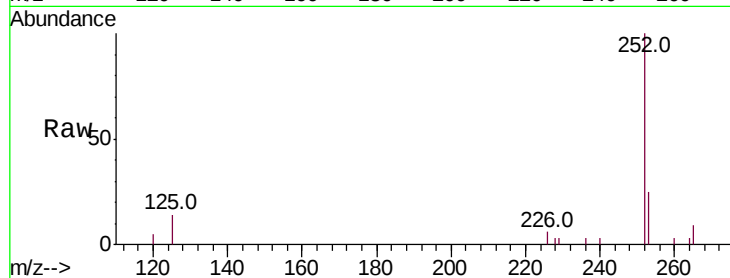
Tot Ion:252 Resp: 3686

Ion Ratio Lower Upper

252 100

253 25.2 28.5 42.7#

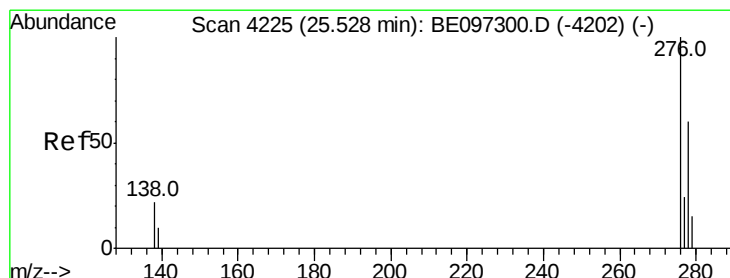
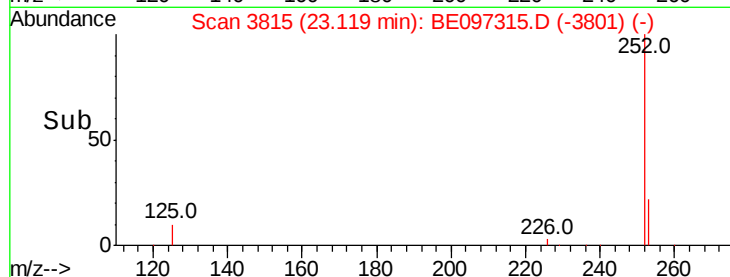
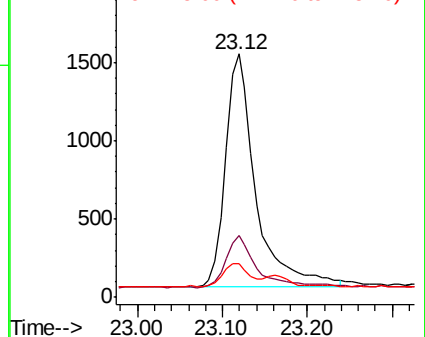
125 13.7 18.1 27.1#



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: 0.395 ng/ul

RT: 25.53 min Scan# 4226

Delta R.T. 0.00 min

Lab File: BE097315.D

Acq: 18 Aug 2018 2:37

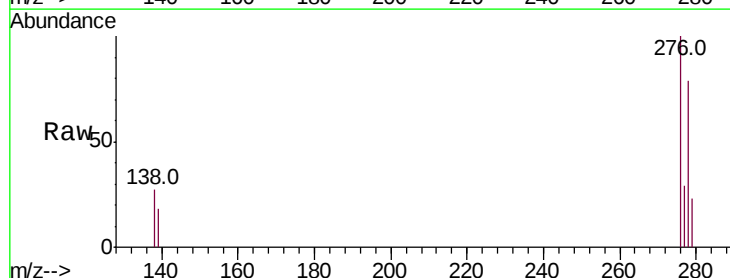
Tgt Ion:276 Resp: 4759

Ion Ratio Lower Upper

276 100

138 22.2 28.0 42.0#

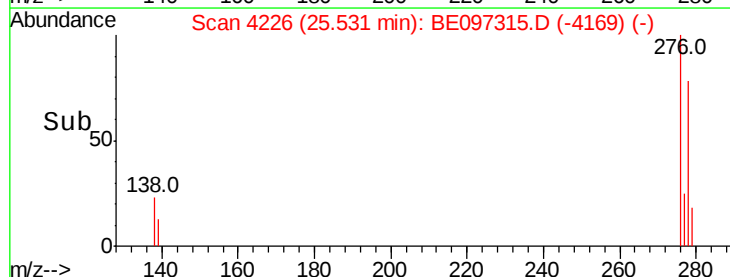
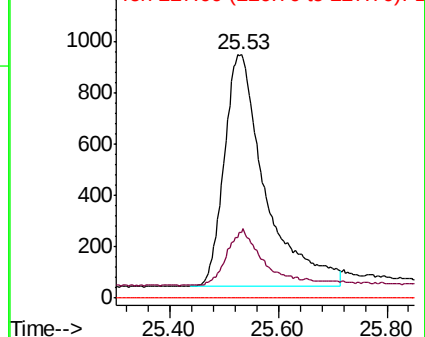
227 0.0 8.0 12.0#

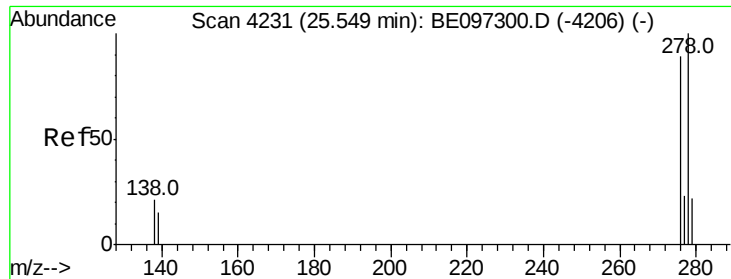


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

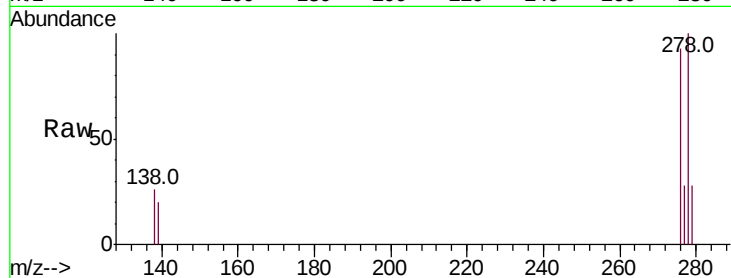




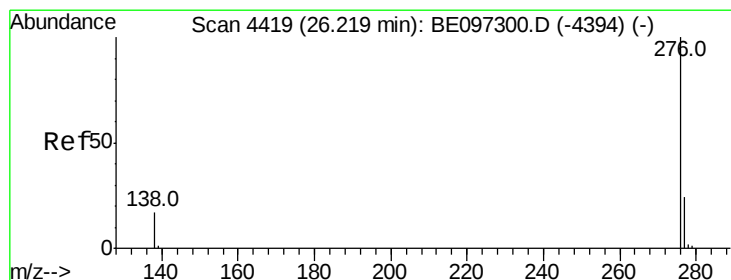
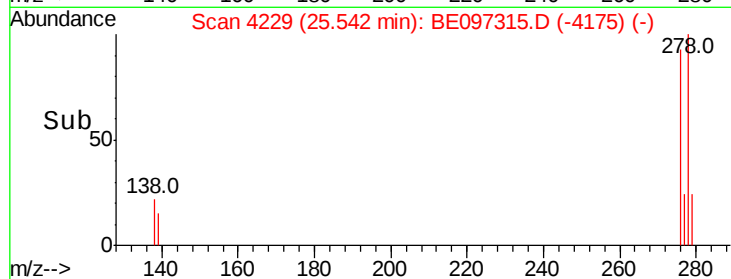
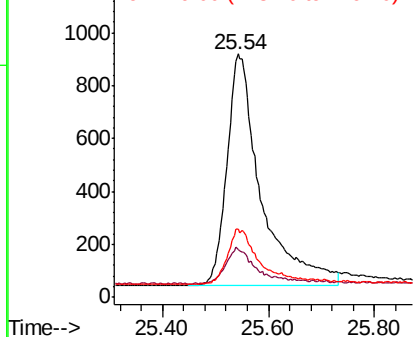
#25
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 25.54 min Scan# 4229
Delta R.T. -0.01 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3915
Ion Ratio Lower Upper
278 100
139 19.6 17.4 26.0
279 28.3 25.9 38.9

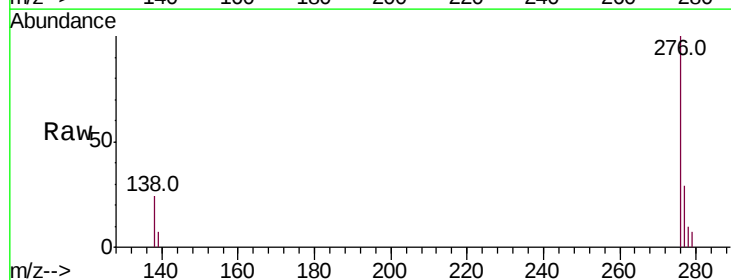


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.22 min Scan# 4420
Delta R.T. 0.00 min
Lab File: BE097315.D
Acq: 18 Aug 2018 2:37

Tgt Ion:276 Resp: 3686
Ion Ratio Lower Upper
276 100
138 23.7 21.8 32.8
277 28.5 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

