

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095767.D
 Acq On : 14 Mar 2018 16:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 01:37:50 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 01:35:18 2018
 Response via : Initial Calibration

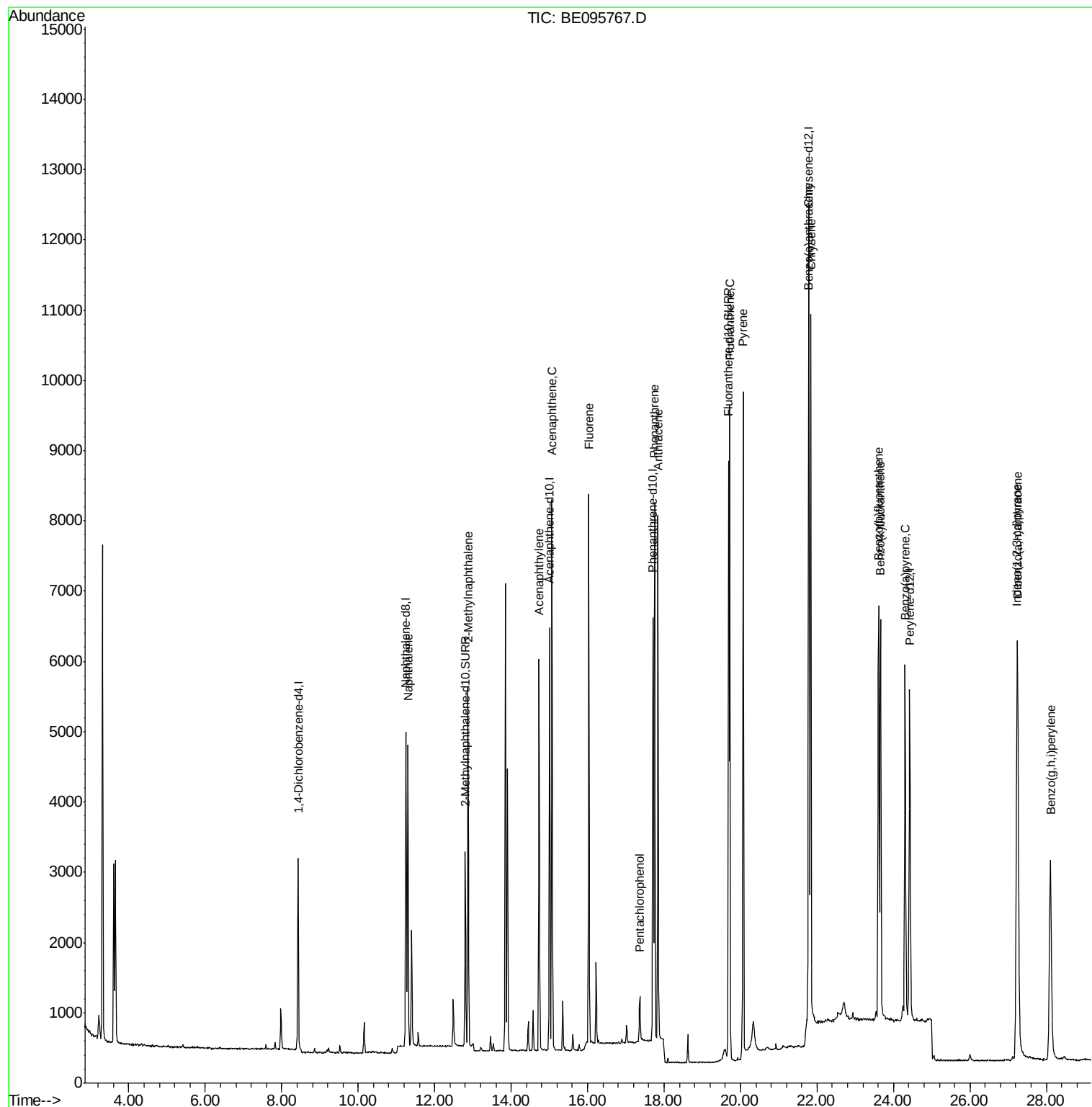
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1998	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5807	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3380	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7489	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7725	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7418	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3571	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	9327	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	5864	0.362	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	4194	0.372	ng/ul	99
7) Acenaphthylene	14.73	152	6192	0.363	ng/ul	97
8) Acenaphthene	15.07	153	4571	0.356	ng/ul	93
9) Fluorene	16.03	166	4949	0.355	ng/ul#	89
11) Pentachlorophenol	17.36	266	388	0.369	ng/ul	91
12) Phenanthrene	17.75	178	8078	0.360	ng/ul#	88
13) Anthracene	17.84	178	7896	0.377	ng/ul#	91
15) Fluoranthene	19.72	202	10240	0.377	ng/ul	84
17) Pyrene	20.07	202	11509	0.392	ng/ul#	77
18) Benzo(a)anthracene	21.78	228	9447	0.379	ng/ul#	86
19) Chrysene	21.84	228	9191	0.362	ng/ul	96
21) Benzo(b)fluoranthene	23.61	252	8759	0.341	ng/ul	85
22) Benzo(k)fluoranthene	23.66	252	8526	0.349	ng/ul#	87
23) Benzo(a)pyrene	24.30	252	8290	0.353	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.23	276	9266	0.356	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.25	278	7489	0.360	ng/ul#	89
26) Benzo(g,h,i)perylene	28.10	276	7798	0.349	ng/ul#	93

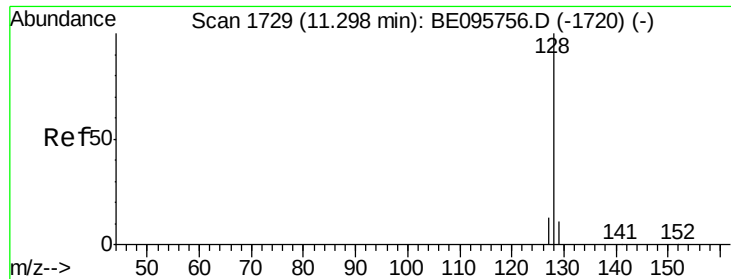
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.362 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampleId :

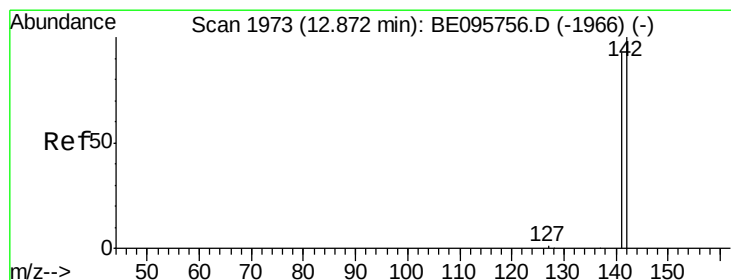
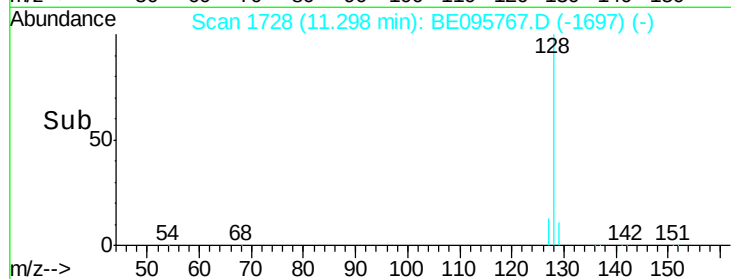
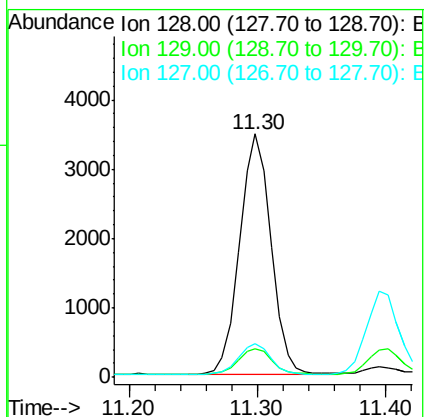
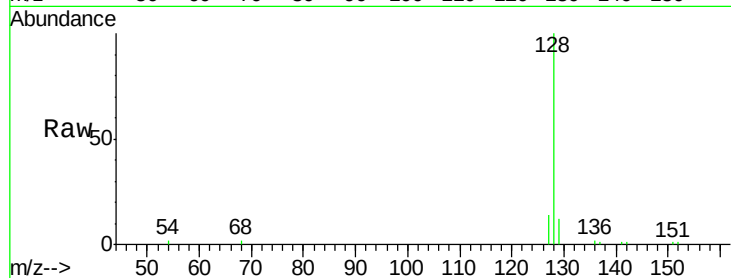
Tot Ion:128 Resp: 5864

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

127 13.9 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.372 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BE095767.D

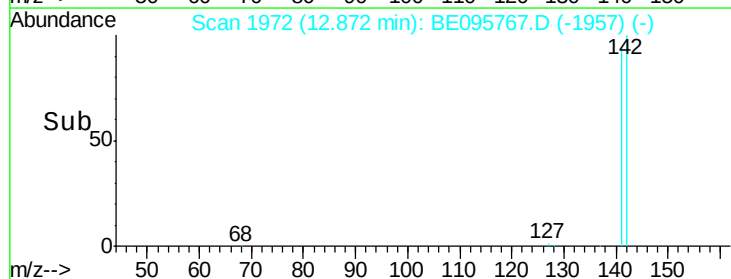
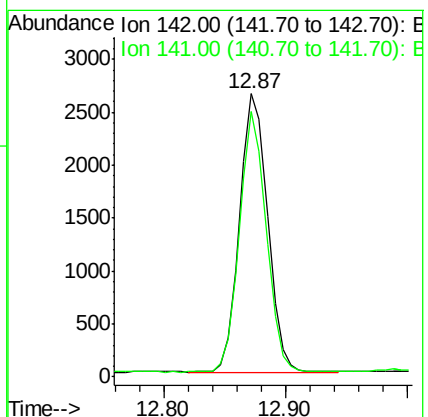
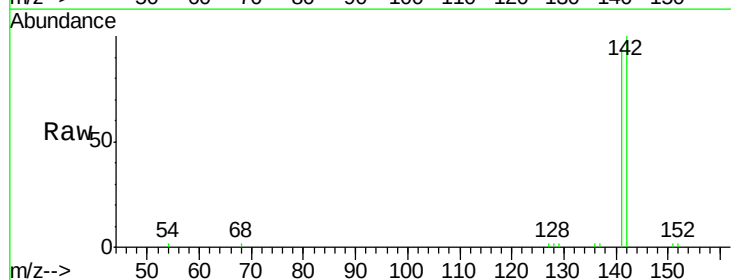
Acq: 14 Mar 2018 16:58

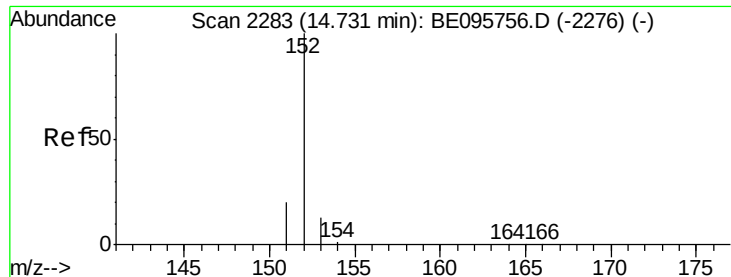
Tgt Ion:142 Resp: 4194

Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.363 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampled :

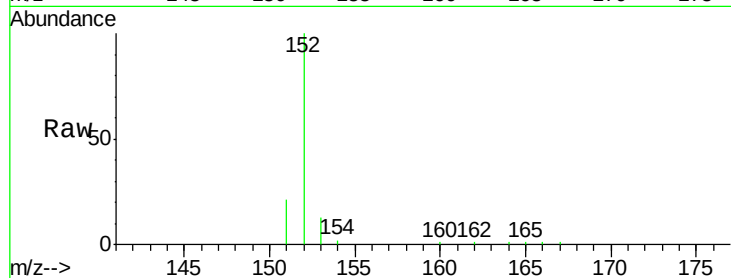
Tot Ion:152 Resp: 6192

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

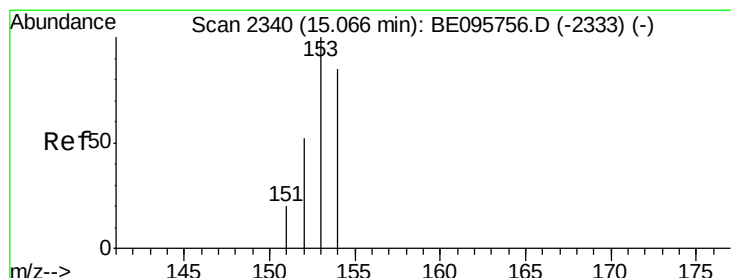
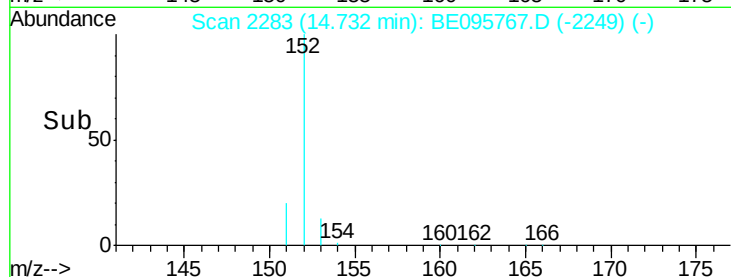
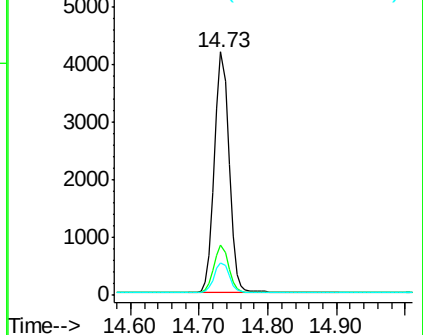
153 13.5 12.8 19.2



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: 0.356 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

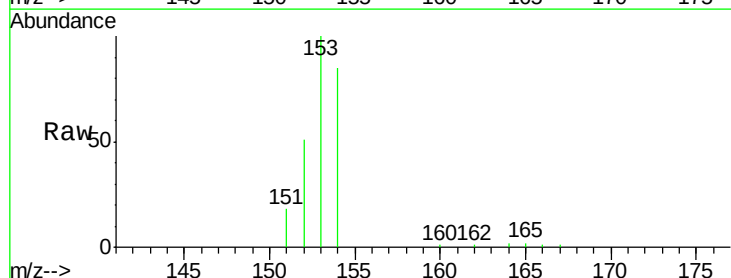
Tgt Ion:153 Resp: 4571

Ion Ratio Lower Upper

153 100

152 51.4 36.0 54.0

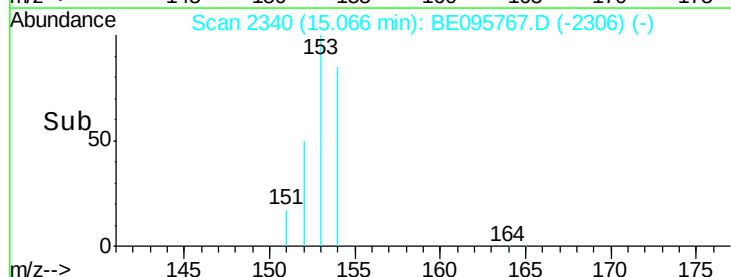
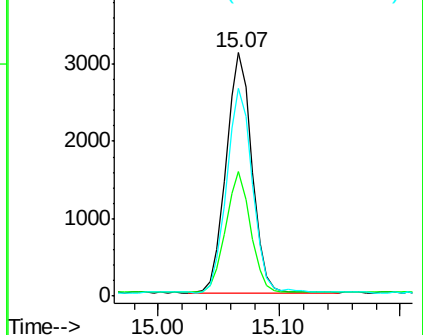
154 85.2 72.0 108.0

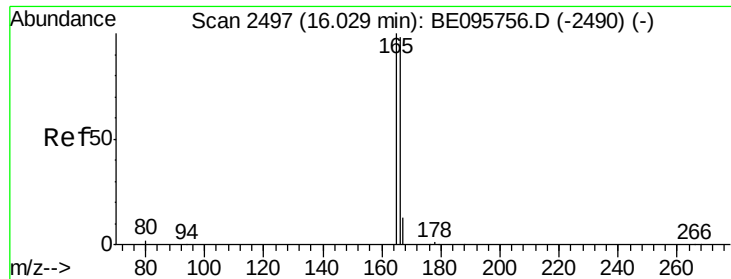


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.355 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampleId :

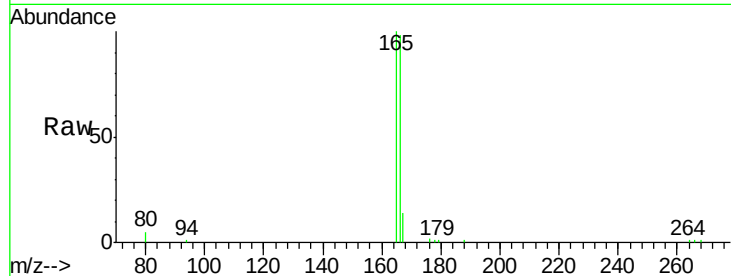
Tot Ion:166 Resp: 4949

Ion Ratio Lower Upper

166 100

165 102.5 73.4 110.2

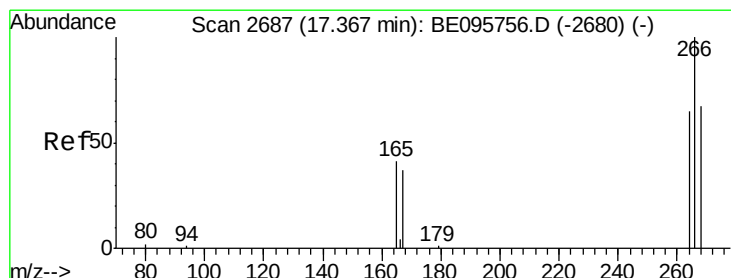
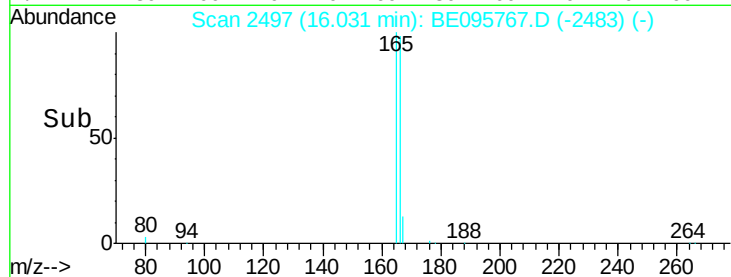
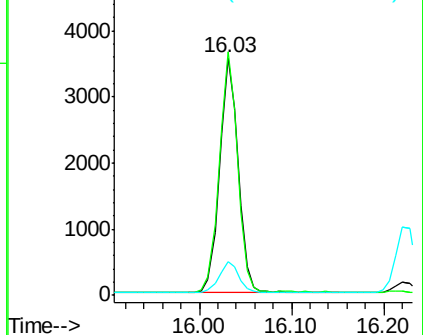
167 14.3 14.6 22.0#



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: 0.369 ng/ul

RT: 17.36 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

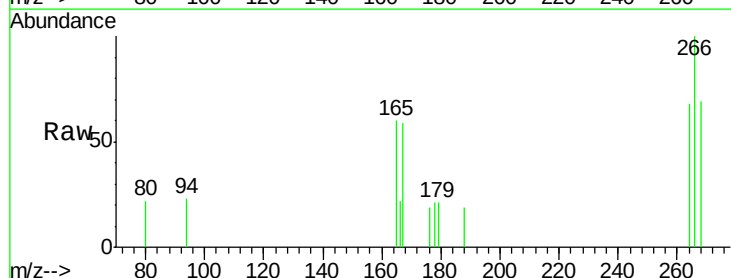
Tgt Ion:266 Resp: 388

Ion Ratio Lower Upper

266 100

264 71.6 47.9 71.9

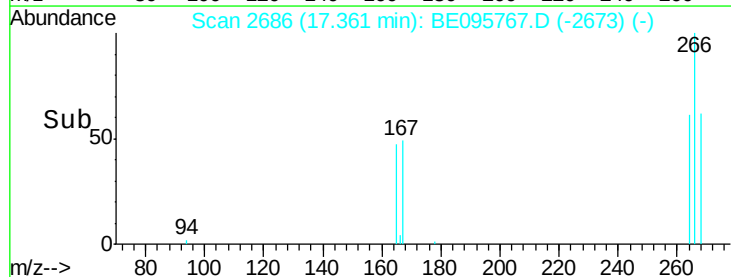
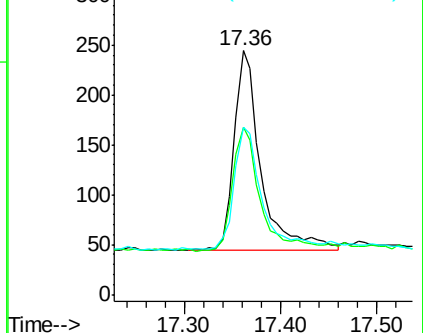
268 64.7 49.8 74.8

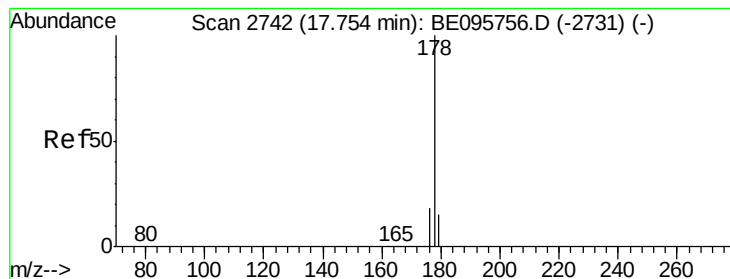


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.360 ng/ul

RT: 17.75 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampleId :

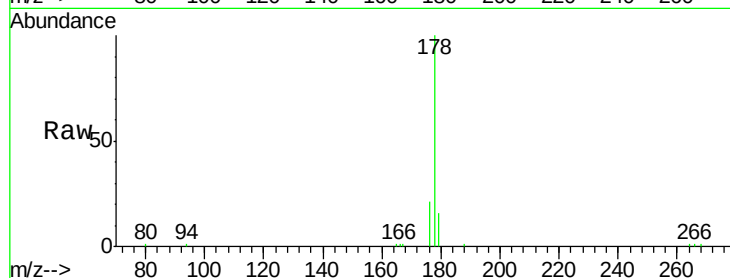
Tot Ion:178 Resp: 8078

Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

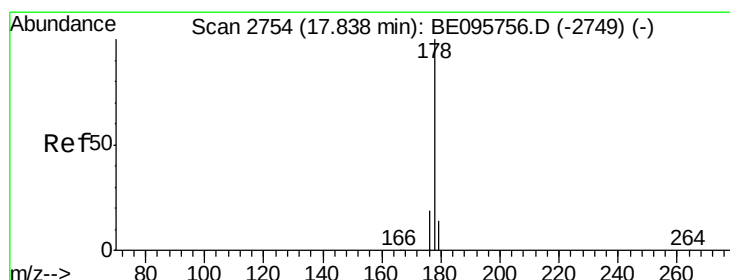
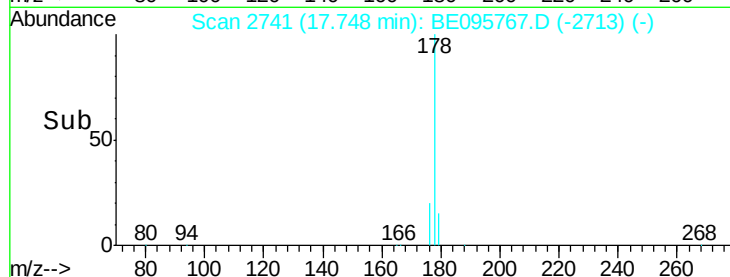
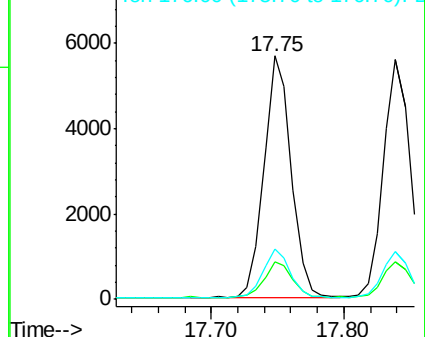
176 20.5 13.6 20.4#



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: 0.377 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

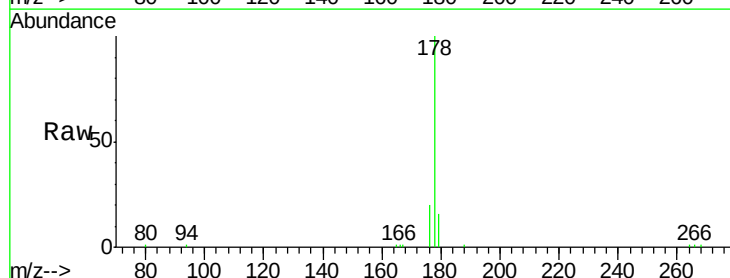
Tgt Ion:178 Resp: 7896

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

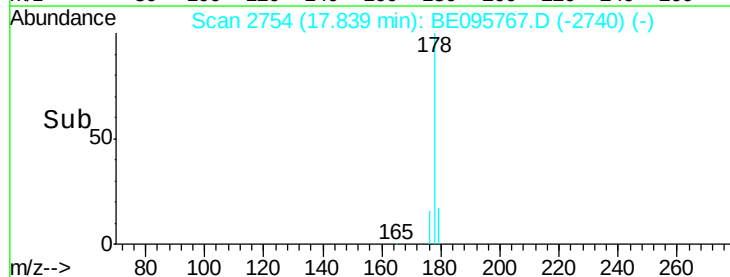
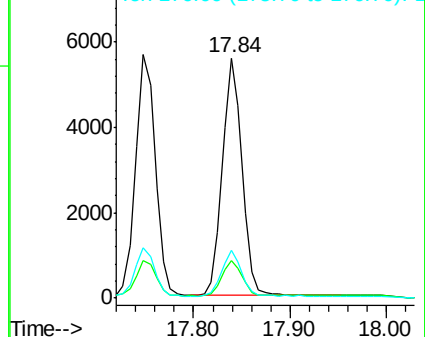
176 20.0 14.7 22.1

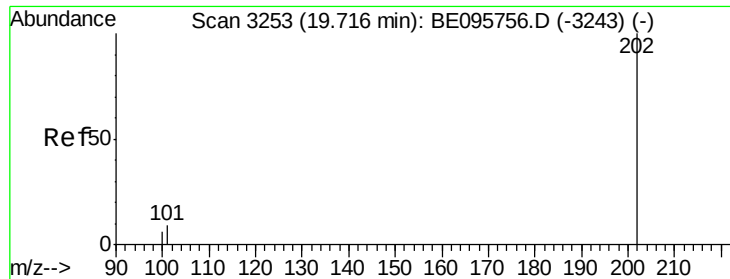


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

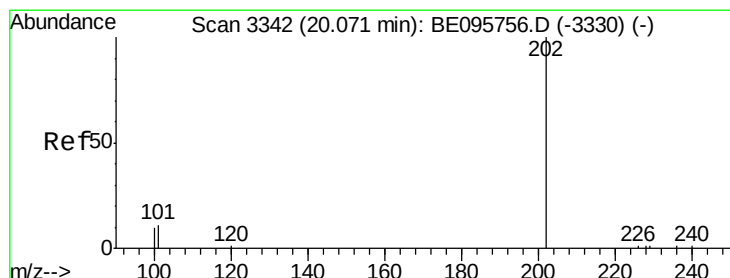
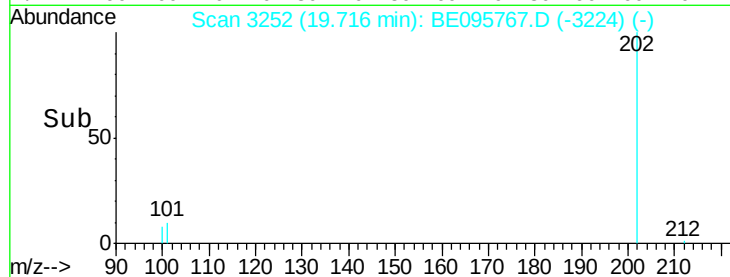
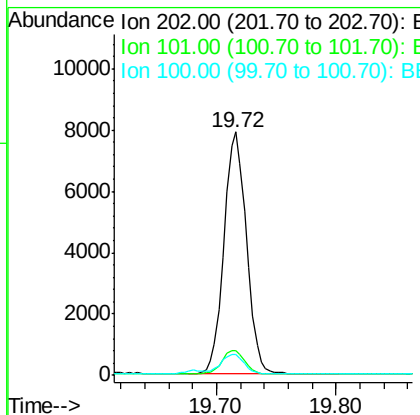
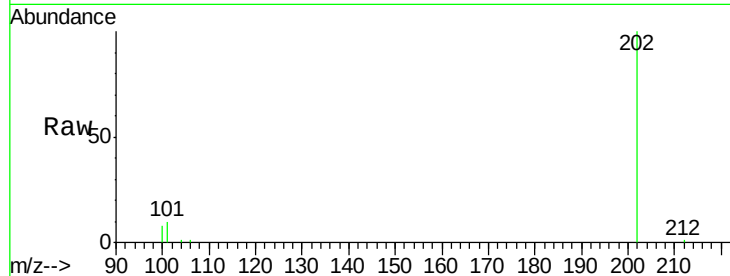




#15
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.72 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE095767.D
Acq: 14 Mar 2018 16:58

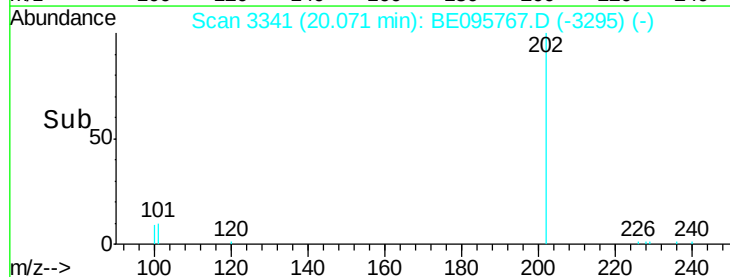
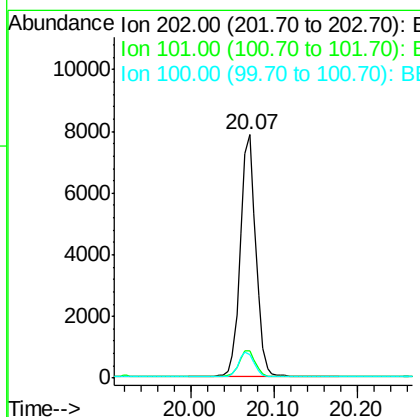
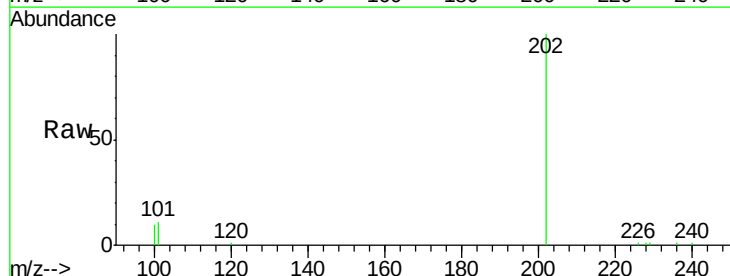
Instrument :
BNA_E
ClientSampleId :

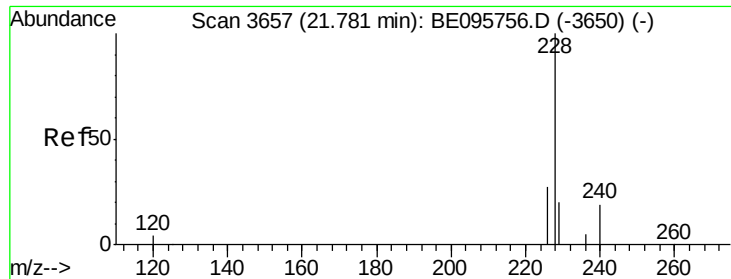
Tot Ion:202 Resp: 10240
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.3
100 8.4 0.0 39.5



#17
Pyrene
Concen: 0.392 ng/ul
RT: 20.07 min Scan# 3341
Delta R.T. -0.00 min
Lab File: BE095767.D
Acq: 14 Mar 2018 16:58

Tgt Ion:202 Resp: 11509
Ion Ratio Lower Upper
202 100
101 11.0 18.2 27.4#
100 9.8 15.6 23.4#

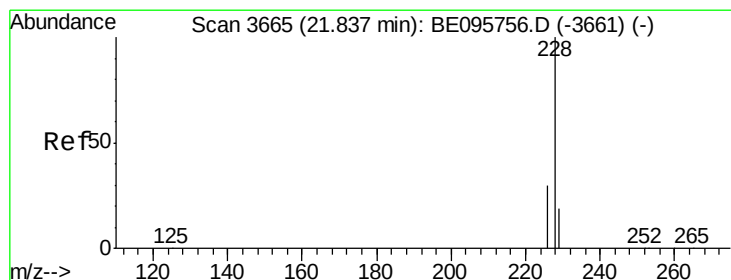
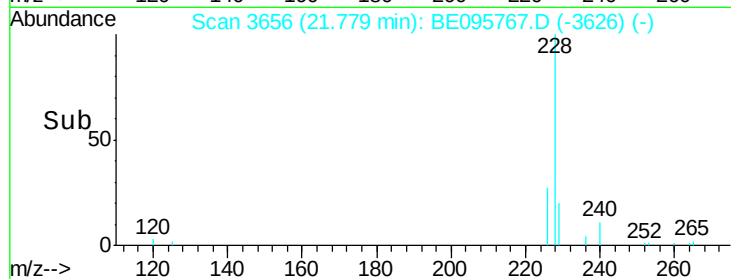
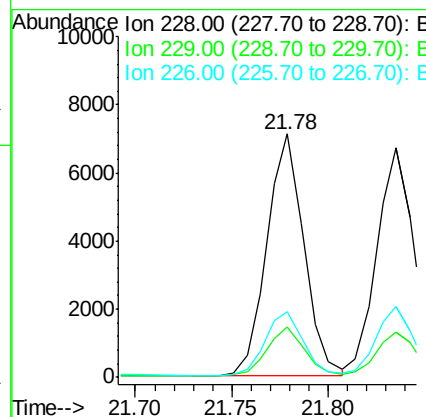
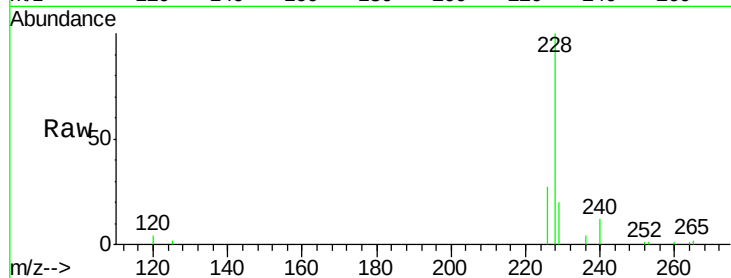




#18
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.78 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BE095767.D
Acq: 14 Mar 2018 16:58

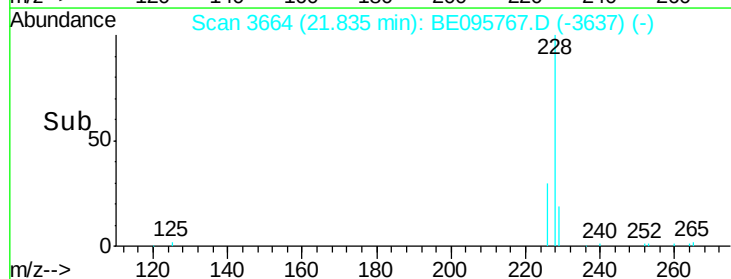
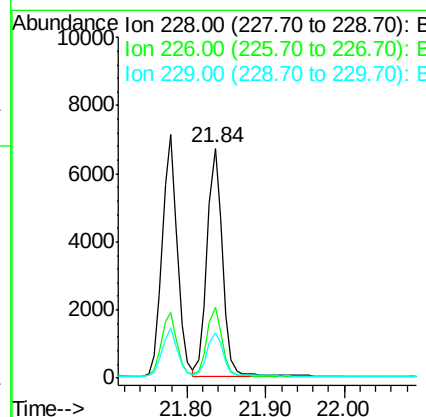
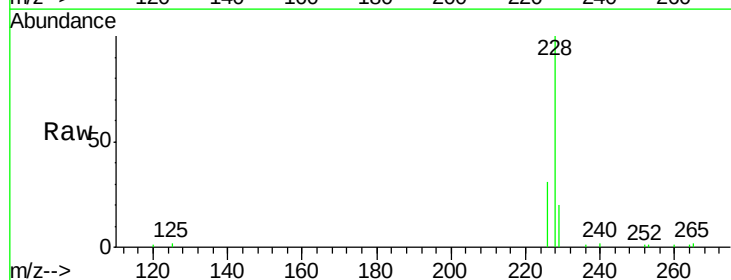
Instrument :
BNA_E
ClientSampled :

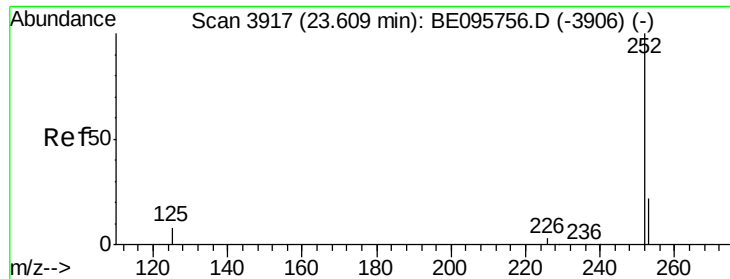
Tot Ion:228 Resp: 9447
Ion Ratio Lower Upper
228 100
229 20.5 22.8 34.2#
226 27.1 17.0 25.6#



#19
Chrysene
Concen: 0.362 ng/ul
RT: 21.84 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE095767.D
Acq: 14 Mar 2018 16:58

Tgt Ion:228 Resp: 9191
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.0
229 19.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.341 ng/ul

RT: 23.61 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampleId :

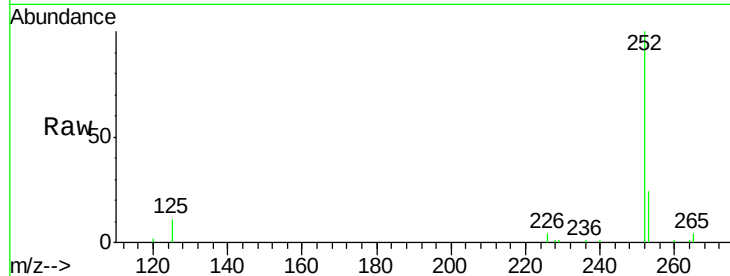
Tot Ion:252 Resp: 8759

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

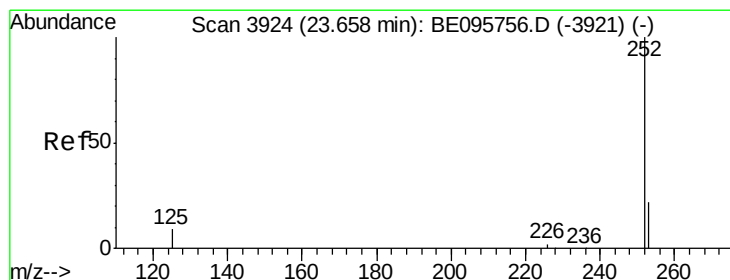
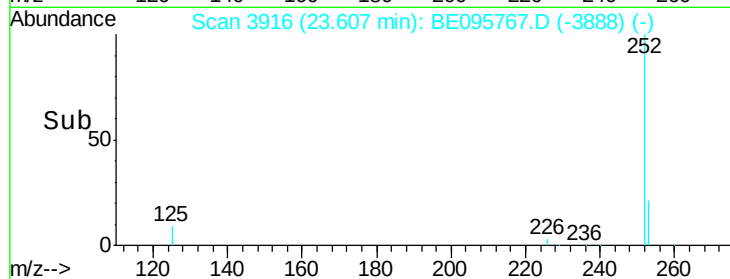
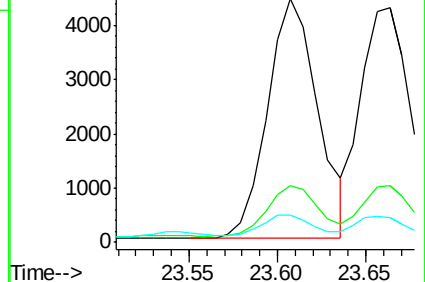
125 11.2 0.0 35.0



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: 0.349 ng/ul

RT: 23.66 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

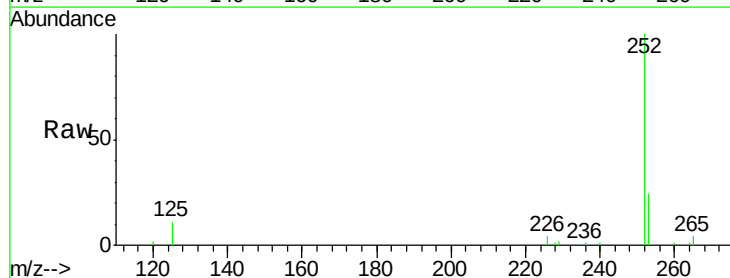
Tgt Ion:252 Resp: 8526

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

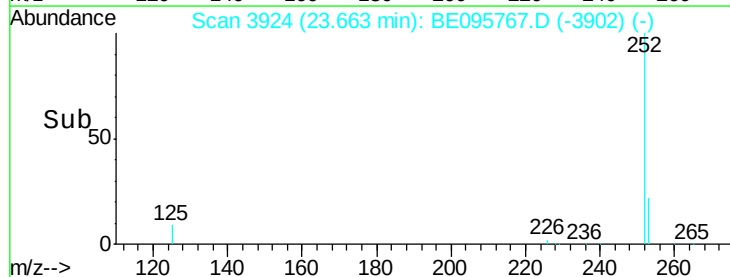
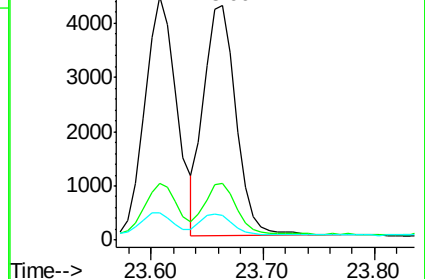
125 10.7 13.7 20.5#

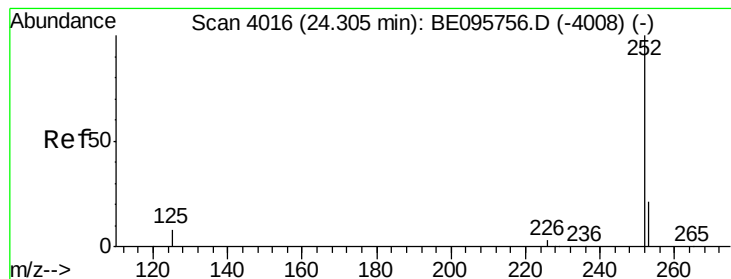


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 24.30 min Scan# 4015

Delta R.T. -0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampleId :

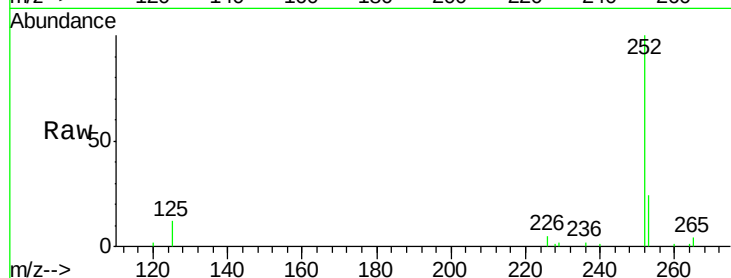
Tot Ion:252 Resp: 8290

Ion Ratio Lower Upper

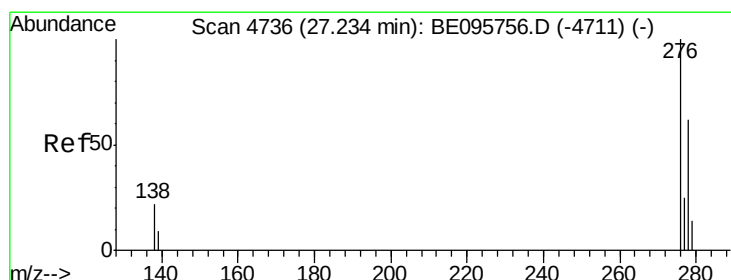
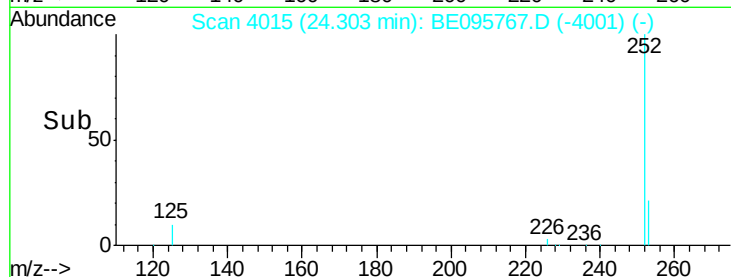
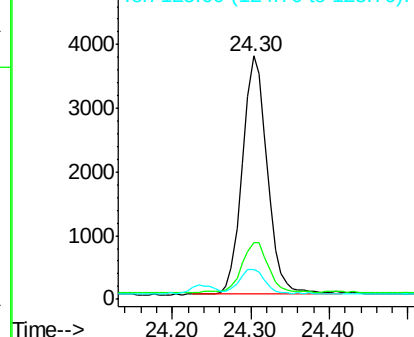
252 100

253 23.5 28.5 42.7#

125 12.5 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: 0.356 ng/ul

RT: 27.23 min Scan# 4734

Delta R.T. -0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

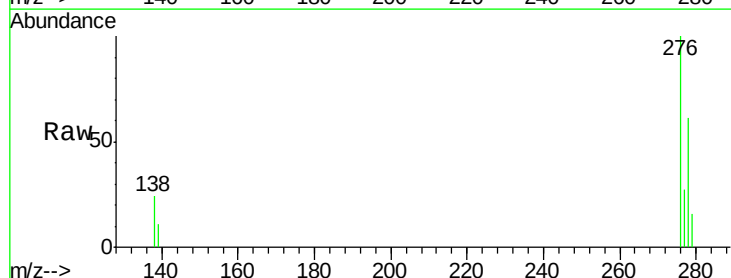
Tgt Ion:276 Resp: 9266

Ion Ratio Lower Upper

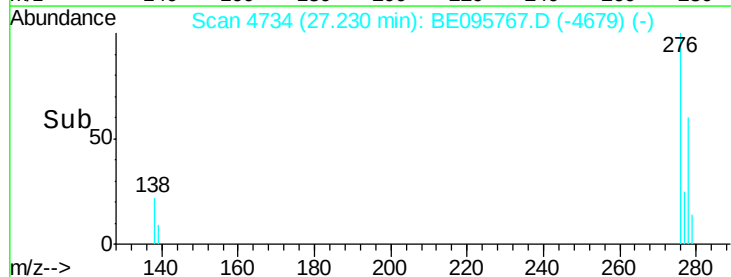
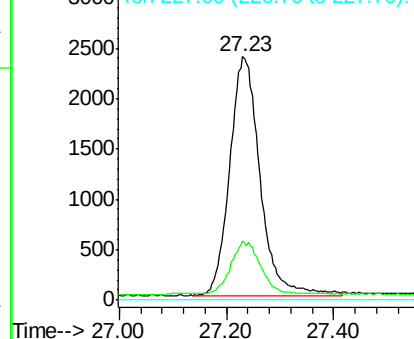
276 100

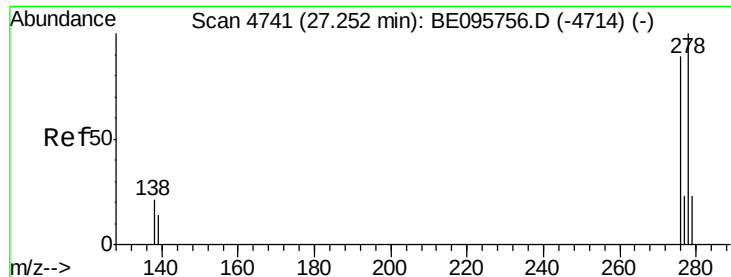
138 21.2 28.0 42.0#

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: 0.360 ng/ul

RT: 27.25 min Scan# 4740

Delta R.T. -0.00 min

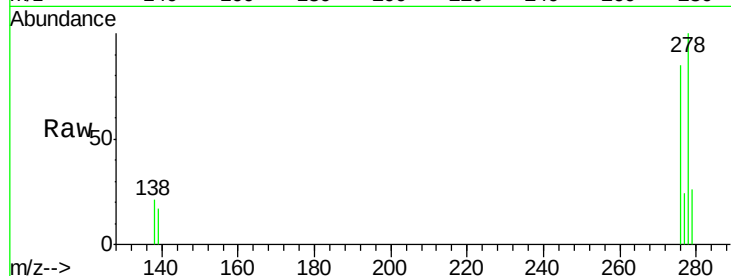
Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Instrument :

BNA_E

ClientSampled :



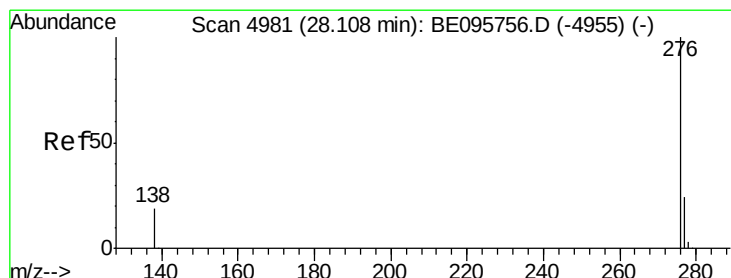
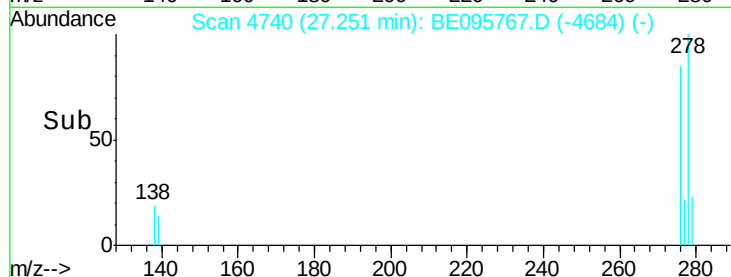
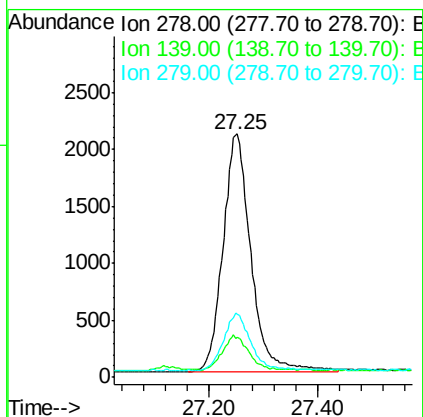
Tot Ion:278 Resp: 7489

Ion Ratio Lower Upper

278 100

139 16.6 17.4 26.0#

279 25.9 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.349 ng/ul

RT: 28.10 min Scan# 4979

Delta R.T. -0.00 min

Lab File: BE095767.D

Acq: 14 Mar 2018 16:58

Tgt Ion:276 Resp: 7798

Ion Ratio Lower Upper

276 100

138 21.5 21.8 32.8#

277 24.7 20.5 30.7

