

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040918\
 Data File : BE095963.D
 Acq On : 9 Apr 2018 11:41
 Operator : SJ/JU
 Sample : J2135-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 10 03:47:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration

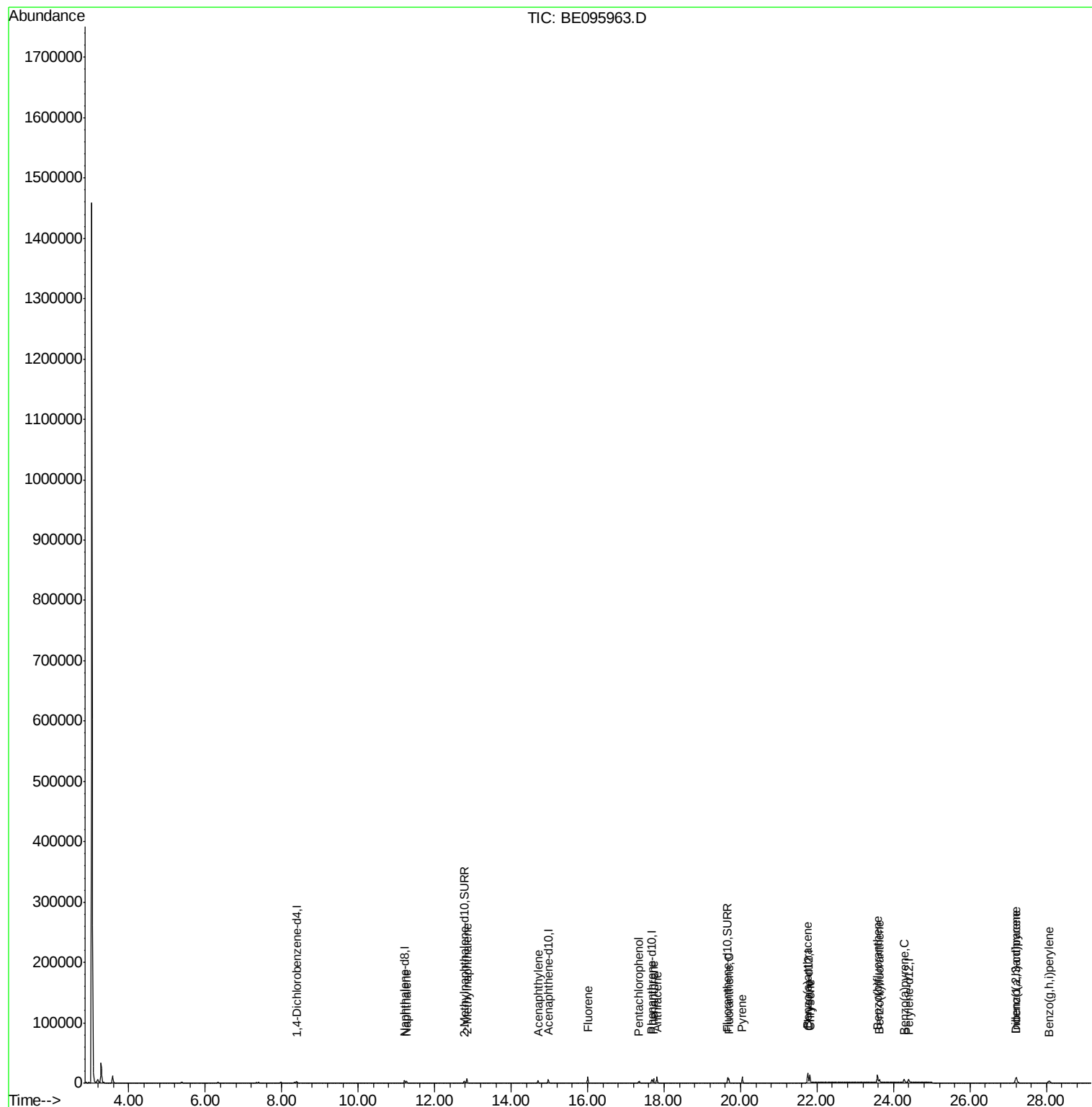
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1927	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5054	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2939	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7476	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	9928	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	7972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	3212	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	10456	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.26	128	4497	0.319	ng/ul#	91
5) 2-Methylnaphthalene	12.84	142	5459	0.571	ng/ul	100
7) Acenaphthylene	14.70	152	3886	0.255	ng/ul	98
9) Fluorene	16.00	166	6391	0.518	ng/ul#	89
11) Pentachlorophenol	17.34	266	1707	1.079	ng/ul	96
12) Phenanthrene	17.73	178	6896	0.313	ng/ul#	89
13) Anthracene	17.81	178	10772	0.491	ng/ul#	92
15) Fluoranthene	19.69	202	8181	0.273	ng/ul	85
17) Pyrene	20.04	202	12337	0.366	ng/ul#	80
18) Benzo(a)anthracene	21.76	228	17134	0.427	ng/ul#	86
19) Chrysene	21.81	228	12520	0.434	ng/ul	97
21) Benzo(b)fluoranthene	23.58	252	18614	0.722	ng/ul	83
22) Benzo(k)fluoranthene	23.64	252	8485	0.330	ng/ul#	87
23) Benzo(a)pyrene	24.28	252	8126	0.326	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.20	276	4223	0.153	ng/ul#	82
25) Dibenzo(a,h)anthracene	27.21	278	17275	0.775	ng/ul#	86
26) Benzo(a,h,i)perylene	28.06	276	7625	0.330	ng/ul	94

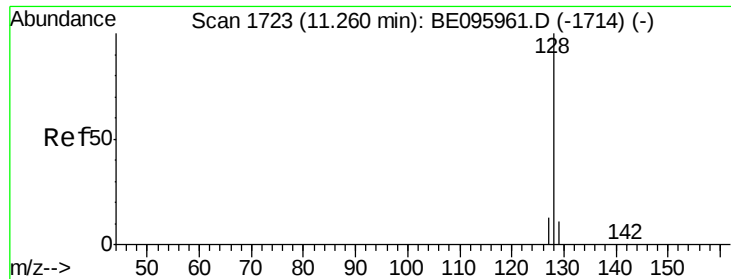
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.319 ng/ul

RT: 11.26 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

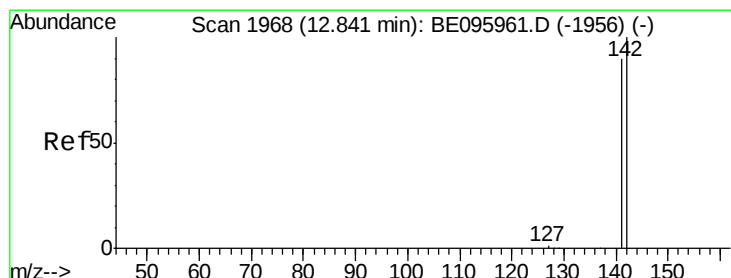
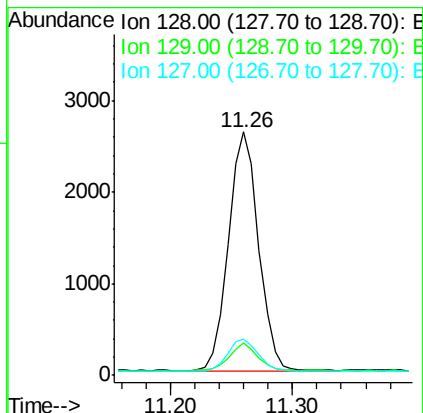
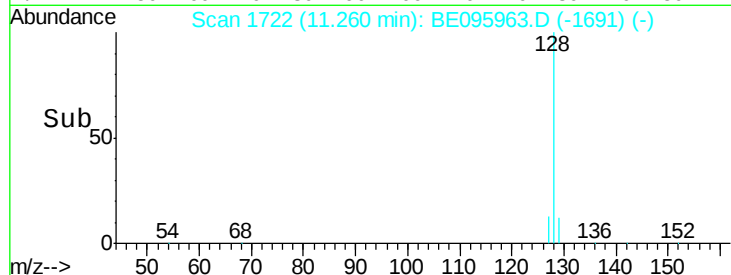
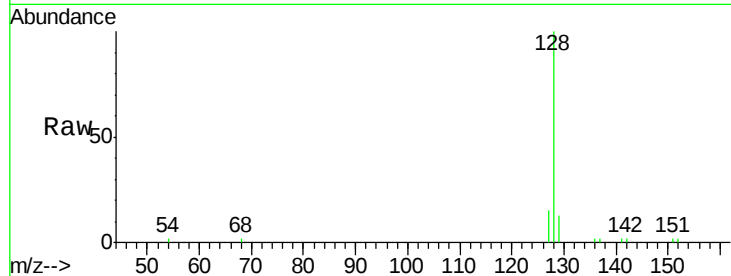
Tot Ion:128 Resp: 4497

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

127 14.7 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.571 ng/ul

RT: 12.84 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BE095963.D

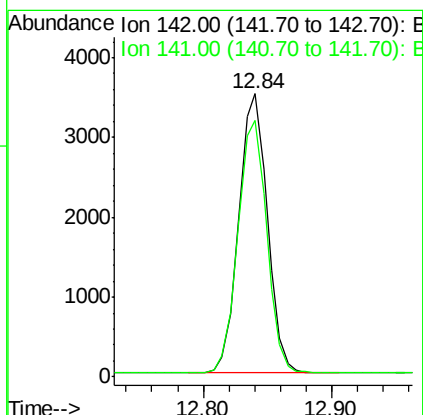
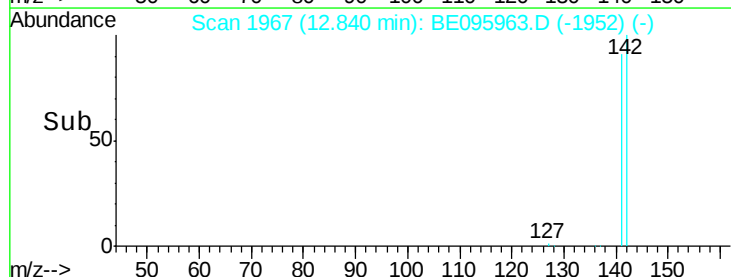
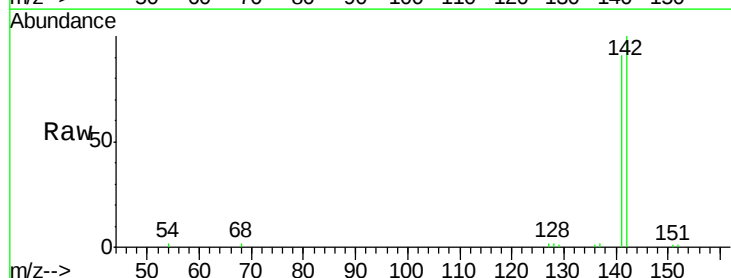
Acq: 9 Apr 2018 11:41

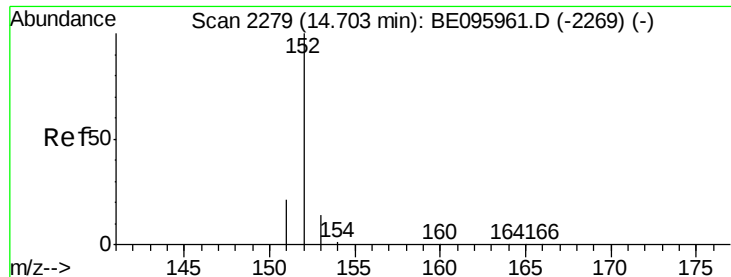
Tgt Ion:142 Resp: 5459

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.255 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

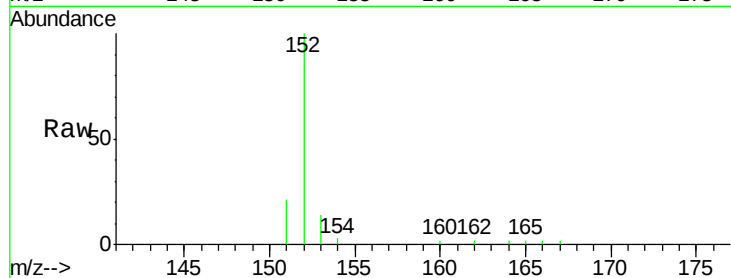
Tot Ion:152 Resp: 3886

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

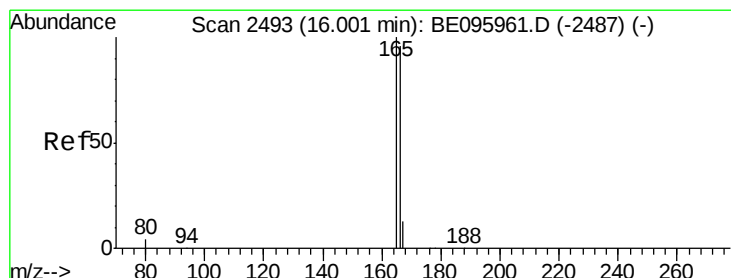
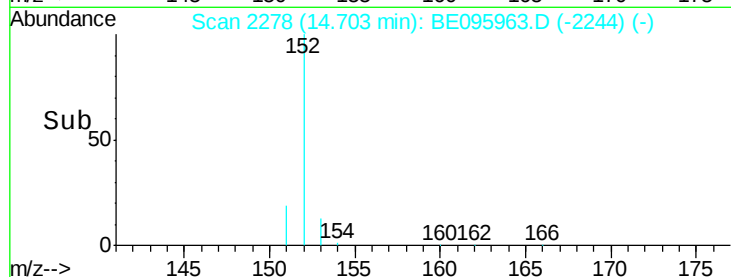
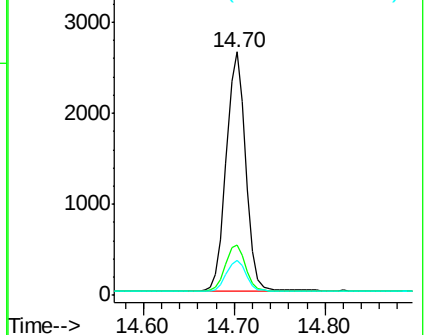
153 14.4 12.8 19.2



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



#9

Fluorene

Concen: 0.518 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

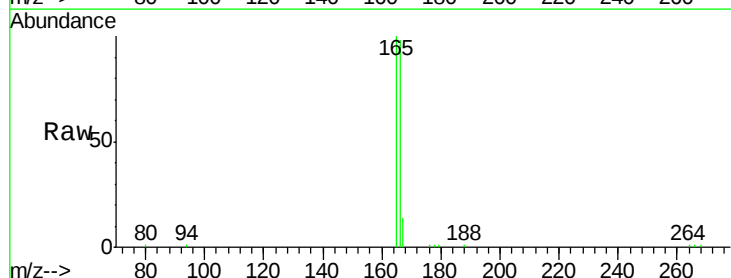
Tgt Ion:166 Resp: 6391

Ion Ratio Lower Upper

166 100

165 102.2 73.4 110.2

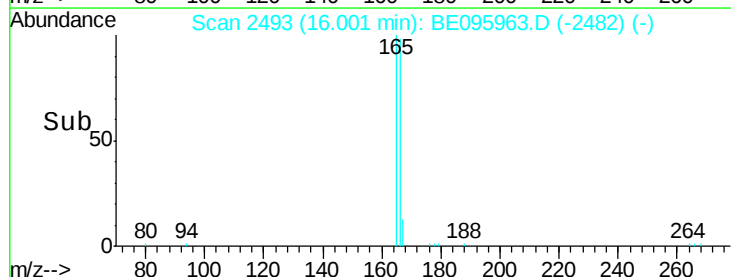
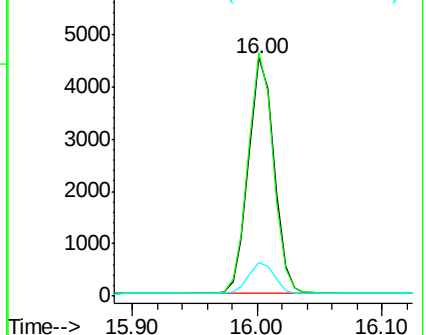
167 14.1 14.6 22.0#

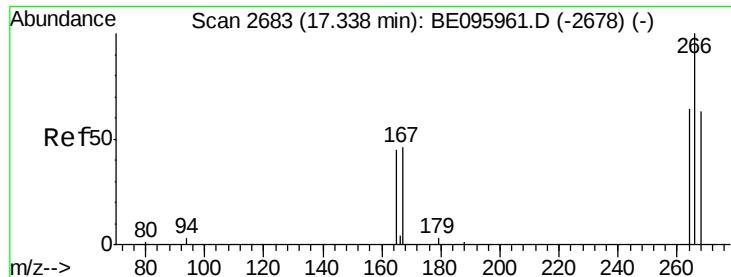


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#11

Pentachlorophenol

Concen: 1.079 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

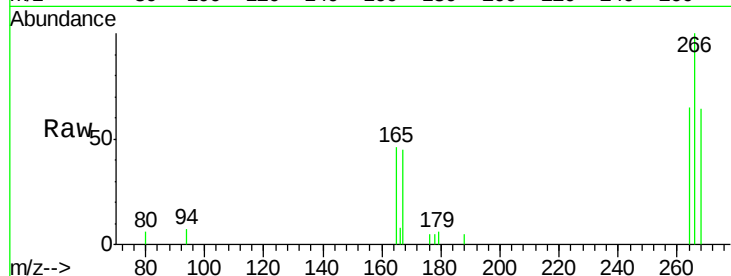
Tot Ion:266 Resp: 1707

Ion Ratio Lower Upper

266 100

264 65.0 47.9 71.9

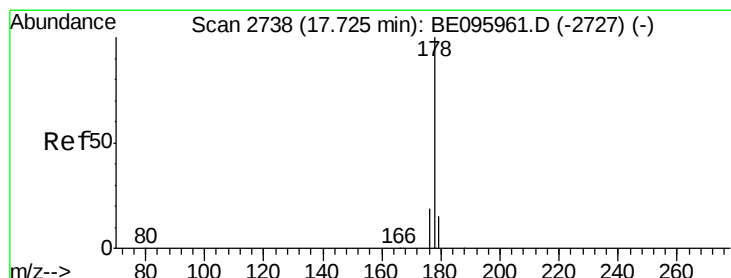
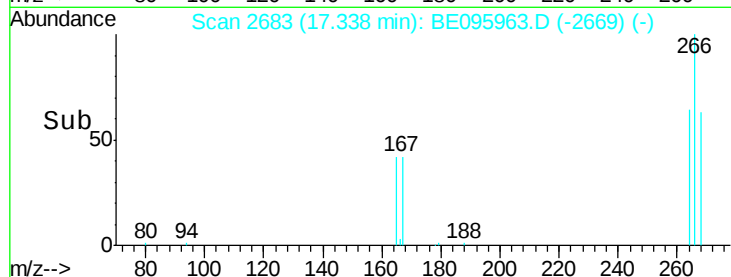
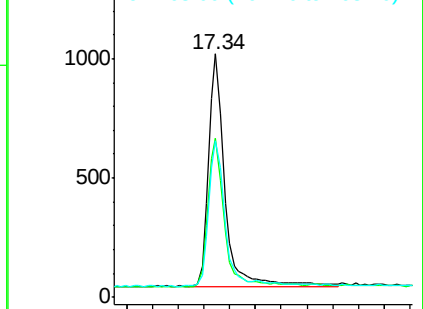
268 63.4 49.8 74.8



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: 0.313 ng/ul

RT: 17.73 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

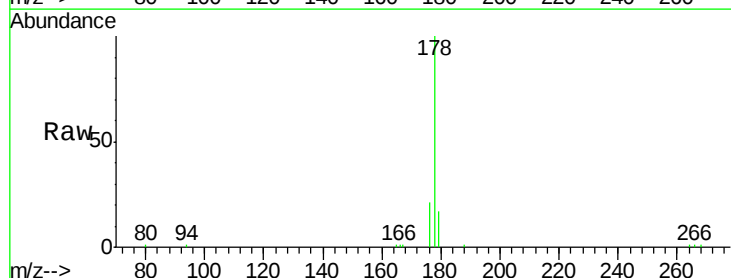
Tgt Ion:178 Resp: 6896

Ion Ratio Lower Upper

178 100

179 16.7 18.4 27.6#

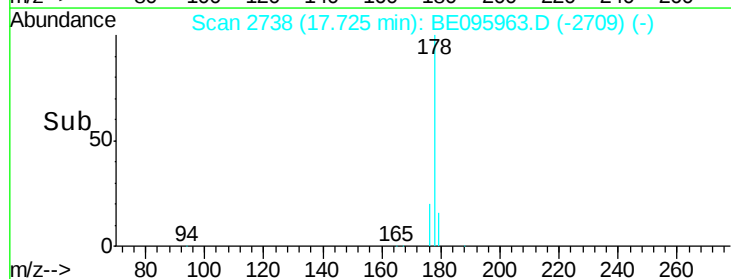
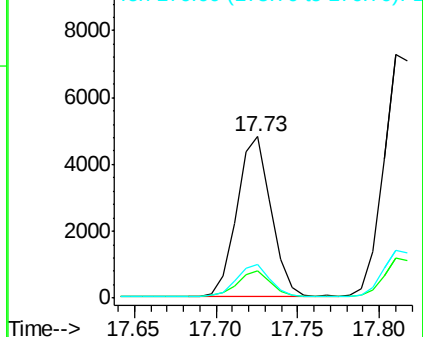
176 20.6 13.6 20.4#

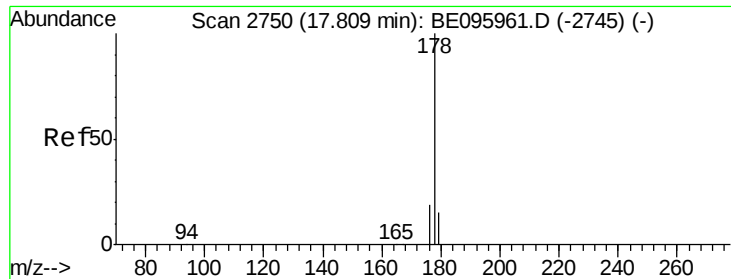


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.491 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

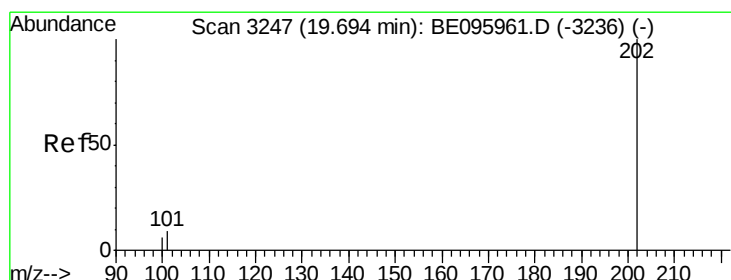
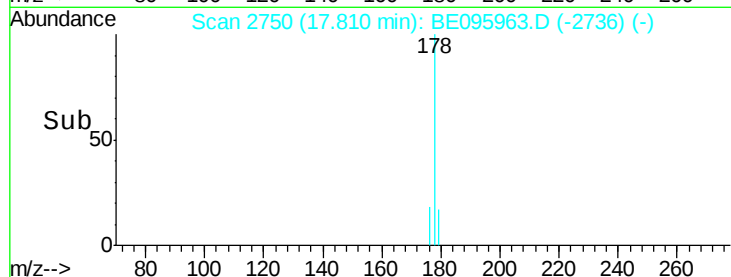
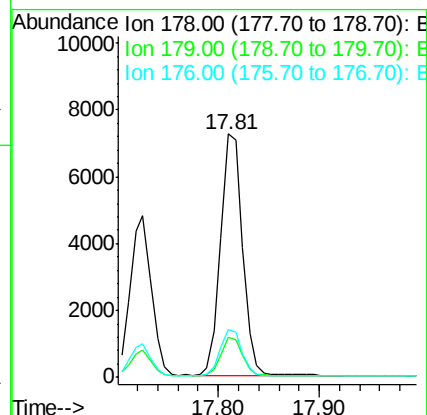
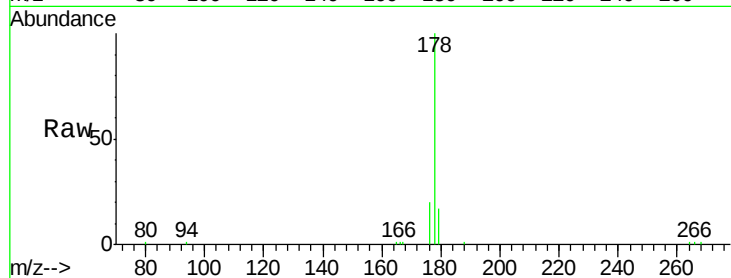
Tot Ion:178 Resp: 10772

Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 19.7 14.7 22.1



#15

Fluoranthene

Concen: 0.273 ng/ul

RT: 19.69 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

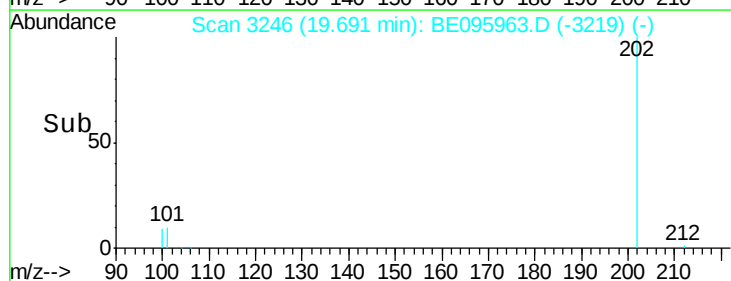
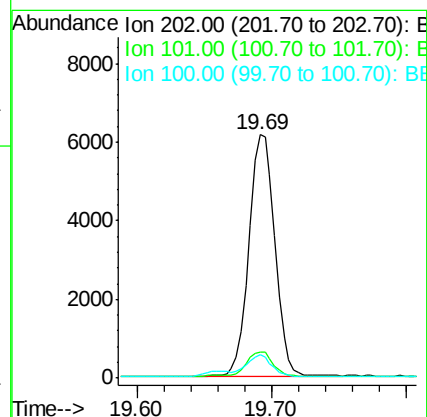
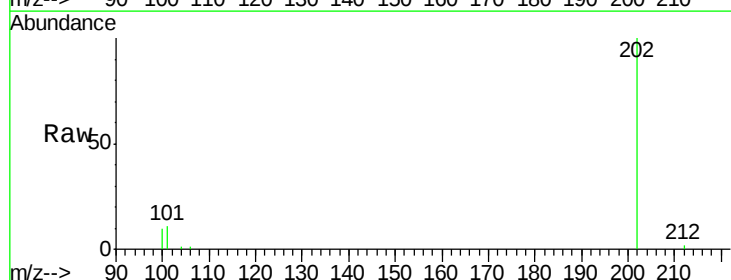
Tgt Ion:202 Resp: 8181

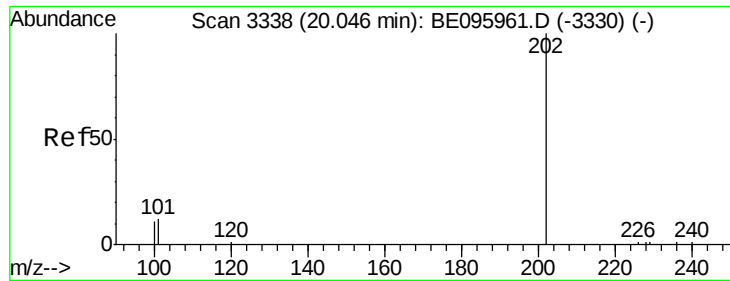
Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

100 9.5 0.0 39.5

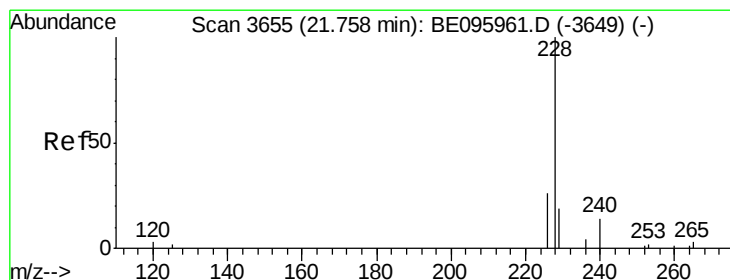
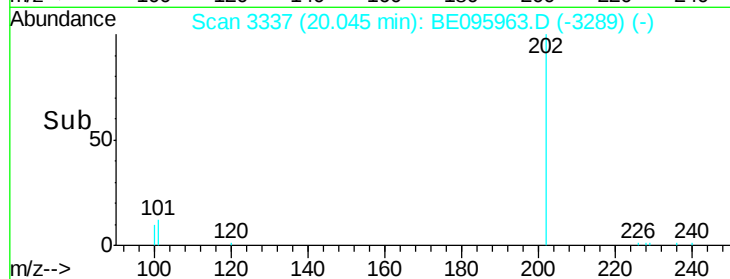
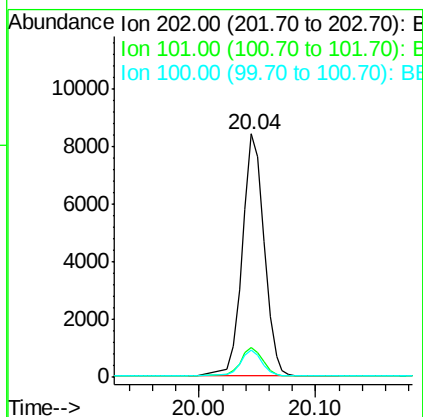
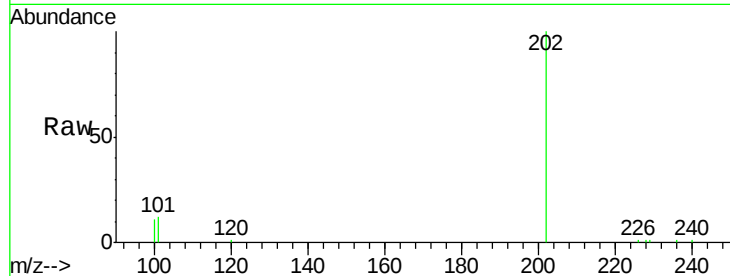




#17
Pvrene
Concen: 0.366 ng/ul
RT: 20.04 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BE095963.D
Acq: 9 Apr 2018 11:41

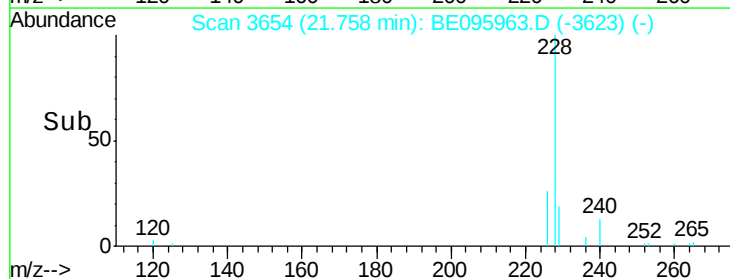
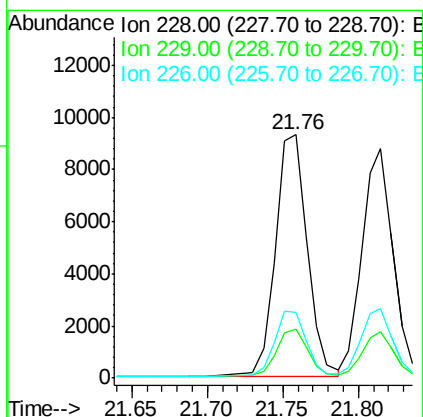
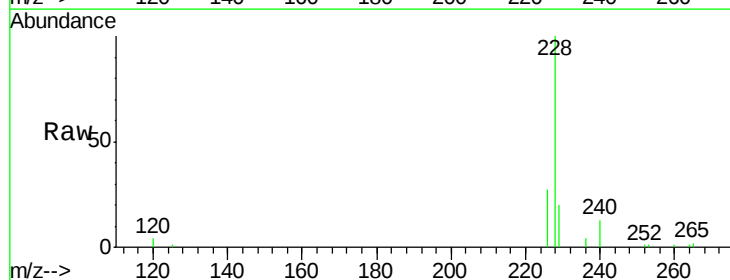
Instrument :
BNA_E
ClientSampled :

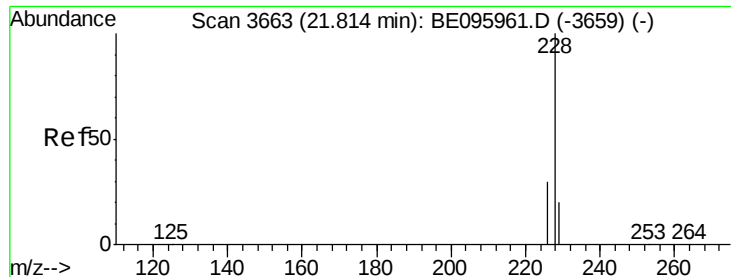
Tot Ion:202 Resp: 12337
Ion Ratio Lower Upper
202 100
101 12.4 18.2 27.4#
100 11.0 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BE095963.D
Acq: 9 Apr 2018 11:41

Tgt Ion:228 Resp: 17134
Ion Ratio Lower Upper
228 100
229 20.0 22.8 34.2#
226 27.0 17.0 25.6#





#19

Chrysene

Concen: 0.434 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

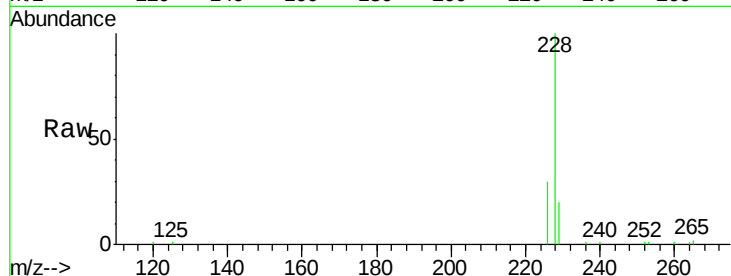
Tot Ion:228 Resp: 12520

Ion Ratio Lower Upper

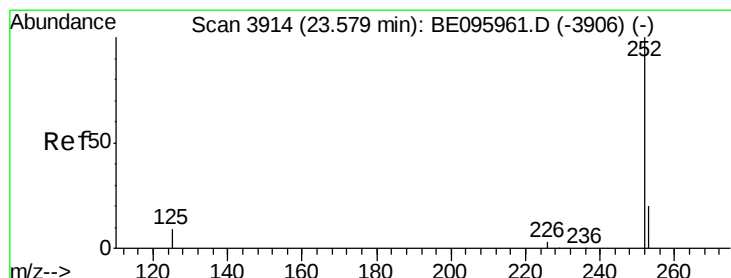
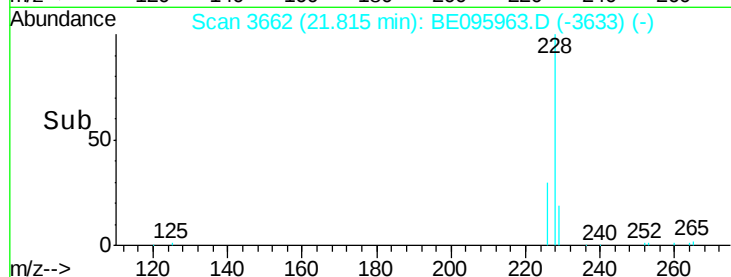
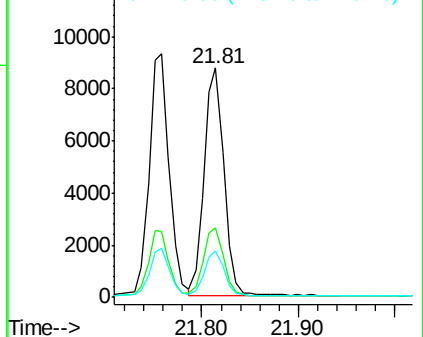
228 100

226 30.3 23.4 35.0

229 20.2 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.722 ng/ul

RT: 23.58 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

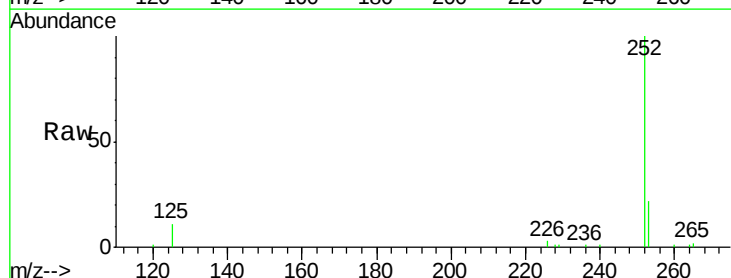
Tgt Ion:252 Resp: 18614

Ion Ratio Lower Upper

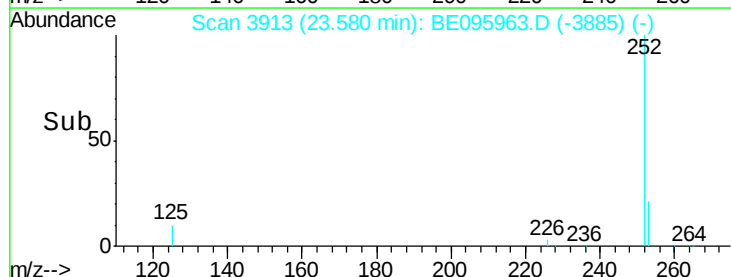
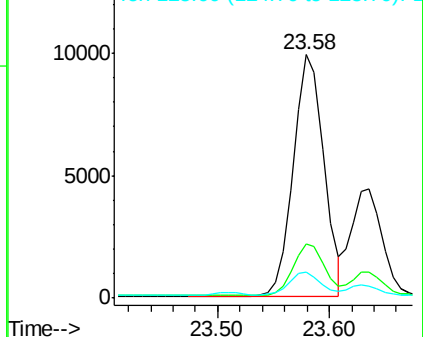
252 100

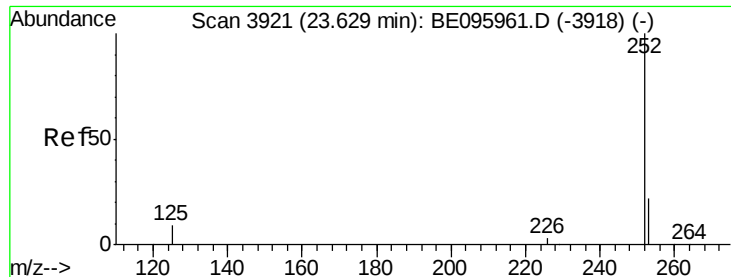
253 22.3 0.0 64.2

125 10.8 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: 0.330 ng/ul

RT: 23.64 min Scan# 3921

Delta R.T. 0.01 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :

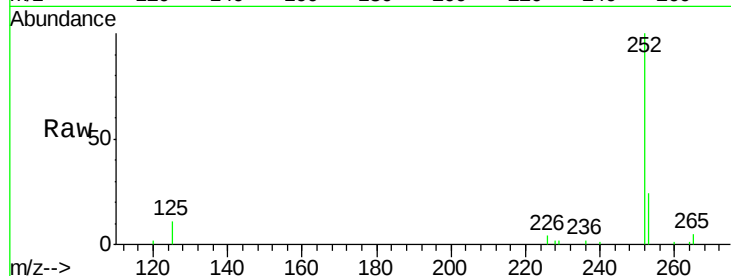
Tot Ion:252 Resp: 8485

Ion Ratio Lower Upper

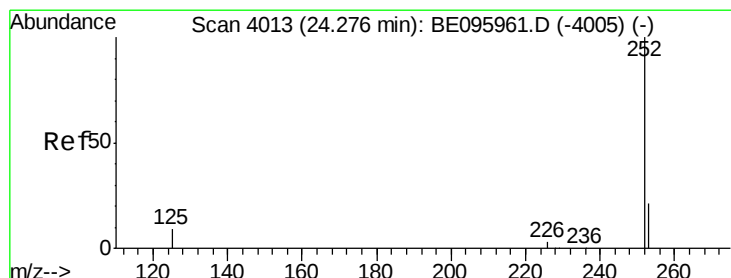
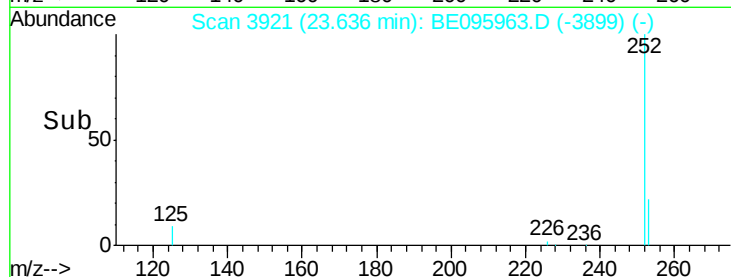
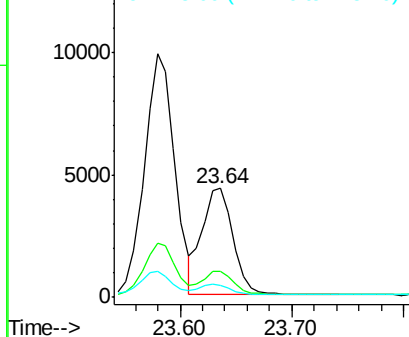
252 100

253 24.1 24.5 36.7#

125 11.2 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: 0.326 ng/ul

RT: 24.28 min Scan# 4012

Delta R.T. 0.00 min

Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

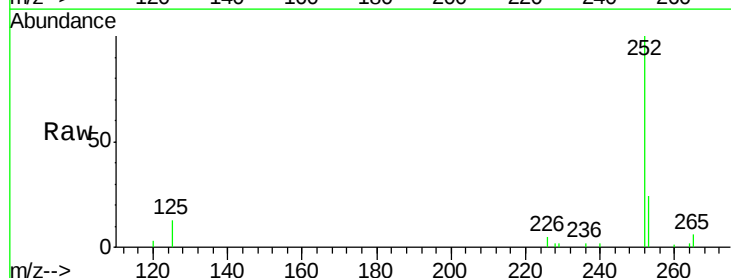
Tgt Ion:252 Resp: 8126

Ion Ratio Lower Upper

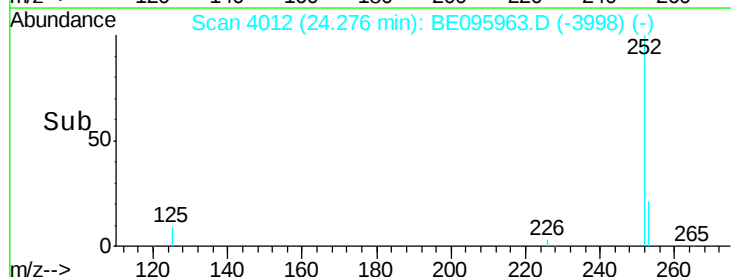
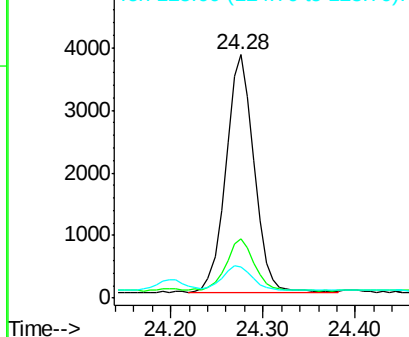
252 100

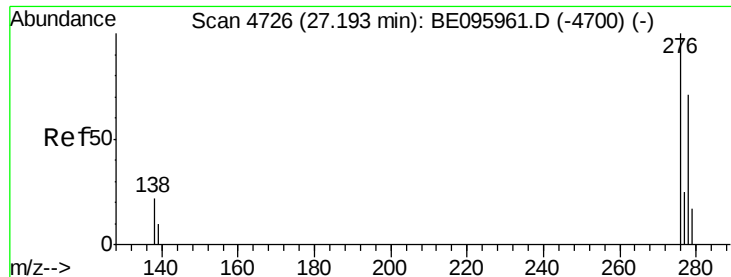
253 24.2 28.5 42.7#

125 12.8 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

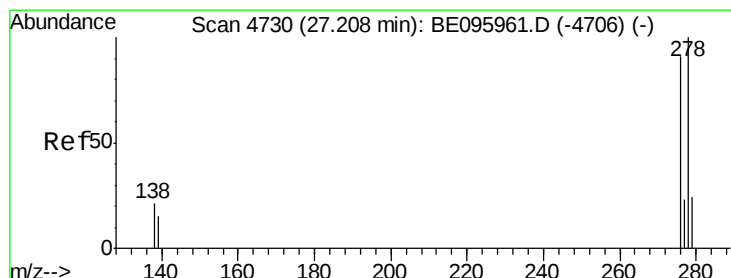
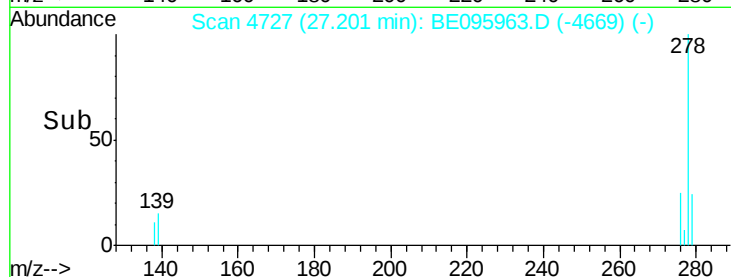
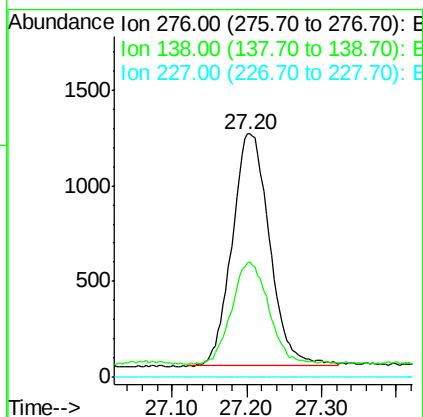
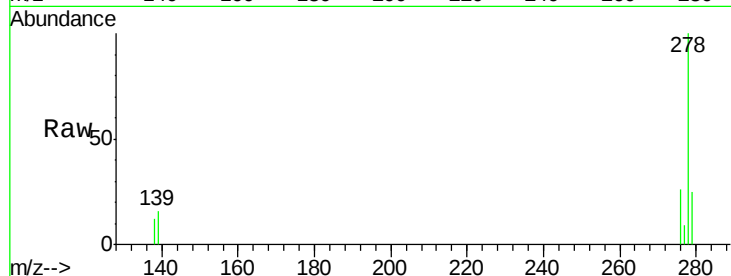




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.153 ng/ul
 RT: 27.20 min Scan# 4727
 Delta R.T. 0.01 min
 Lab File: BE095963.D
 Acq: 9 Apr 2018 11:41

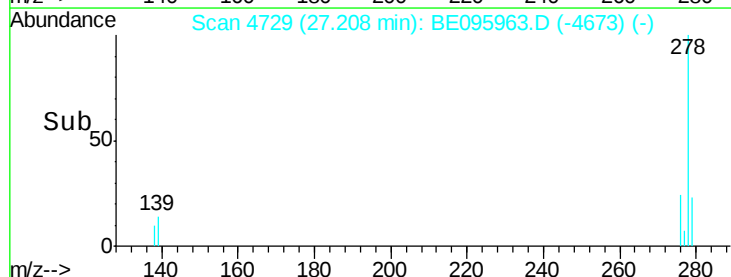
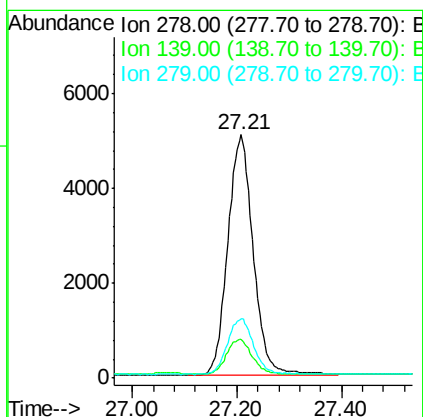
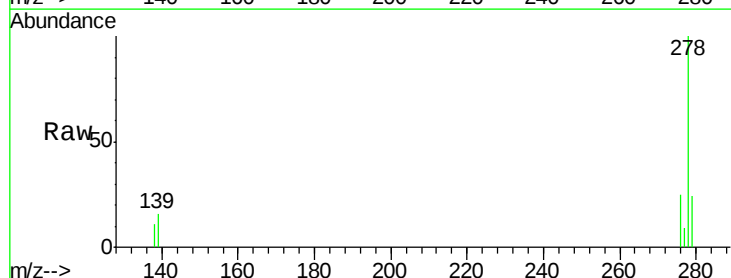
Instrument :
 BNA_E
 ClientSampleId :

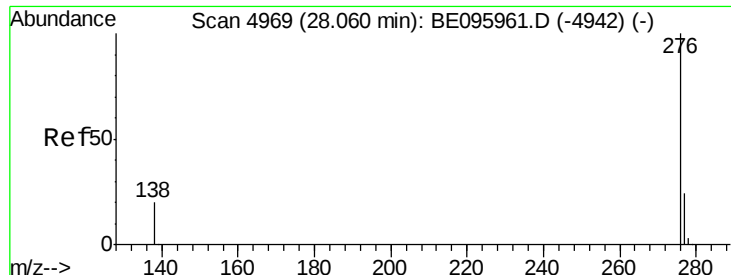
Tot Ion:276 Resp: 4223
 Ion Ratio Lower Upper
 276 100
 138 43.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.775 ng/ul
 RT: 27.21 min Scan# 4729
 Delta R.T. 0.00 min
 Lab File: BE095963.D
 Acq: 9 Apr 2018 11:41

Tgt Ion:278 Resp: 17275
 Ion Ratio Lower Upper
 278 100
 139 15.9 17.4 26.0#
 279 24.3 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.330 ng/ul

RT: 28.06 min Scan# 4968

Delta R.T. 0.00 min

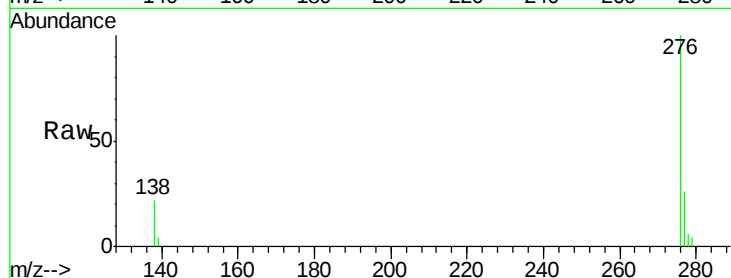
Lab File: BE095963.D

Acq: 9 Apr 2018 11:41

Instrument :

BNA_E

ClientSampleId :



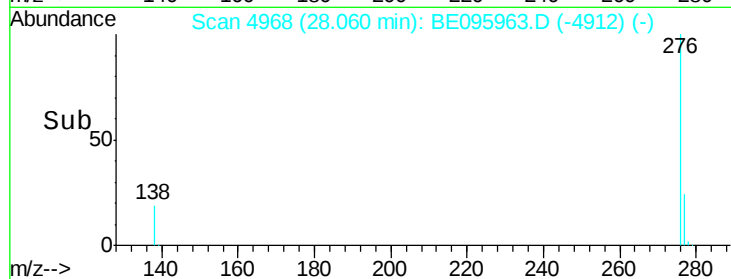
Tot Ion: 276 Resp: 7625

Ion Ratio Lower Upper

276 100

138 21.9 21.8 32.8

277 26.4 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

