

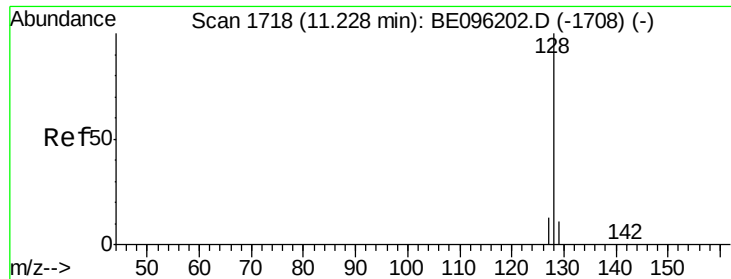
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096326.D
 Acq On : 3 May 2018 17:00
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 04 01:45:04 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 03 13:17:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	559	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1248	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3572	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	4667	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3663	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1560	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	5744	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	2322	0.409	ng/ul#	91
5) 2-Methylnaphthalene	12.80	142	1563	0.414	ng/ul	100
7) Acenaphthylene	14.67	152	2576	0.397	ng/ul	98
8) Acenaphthene	15.00	153	1885	0.403	ng/ul#	93
9) Fluorene	15.97	166	2543	0.401	ng/ul	89
11) Pentachlorophenol	17.31	266	168	0.343	ng/ul	96
12) Phenanthrene	17.69	178	4151	0.386	ng/ul#	90
13) Anthracene	17.78	178	4081	0.393	ng/ul#	92
15) Fluoranthene	19.66	202	5784	0.378	ng/ul	83
17) Pyrene	20.02	202	1607	0.306	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	2663	0.365	ng/ul#	87
19) Chrysene	21.78	228	5326	0.382	ng/ul	96
21) Benzo(b)fluoranthene	23.54	252	4966	0.396	ng/ul	88
22) Benzo(k)fluoranthene	23.59	252	4816	0.398	ng/ul	91
23) Benzo(a)pyrene	24.23	252	4602	0.392	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.12	276	5146	0.396	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.13	278	4185	0.394	ng/ul	93
26) Benzo(g,h,i)perylene	27.98	276	4396	0.402	ng/ul	96

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



#3

Naphthalene

Concen: 0.409 ng/ul

RT: 11.22 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

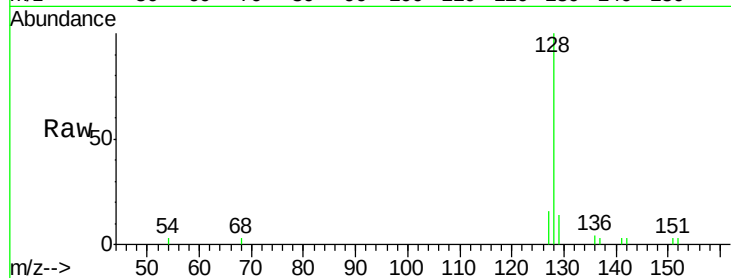
Tot Ion:128 Resp: 2322

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

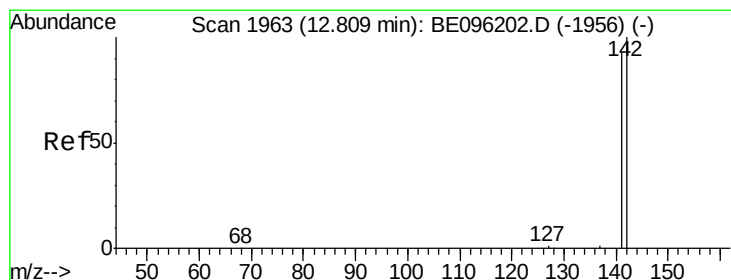
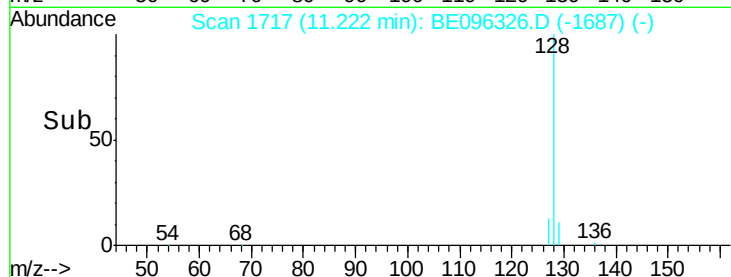
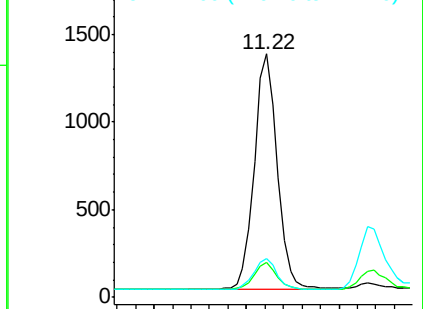
127 15.9 4.0 6.0#



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: 0.414 ng/ul

RT: 12.80 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE096326.D

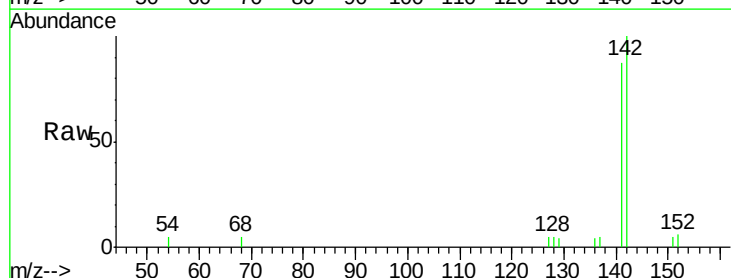
Acq: 3 May 2018 17:00

Tgt Ion:142 Resp: 1563

Ion Ratio Lower Upper

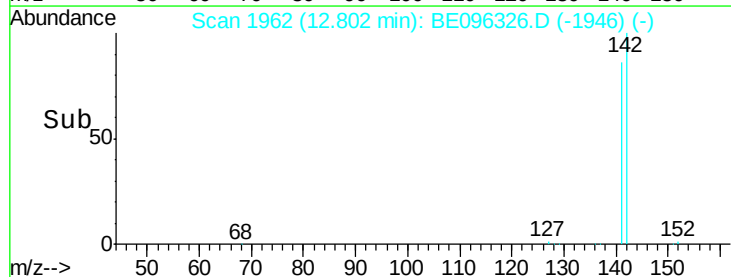
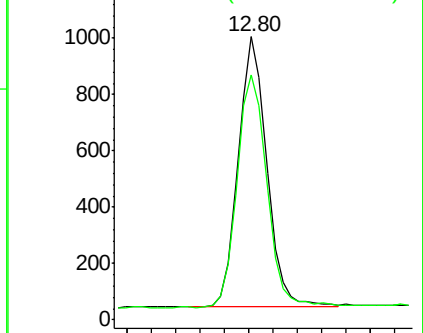
142 100

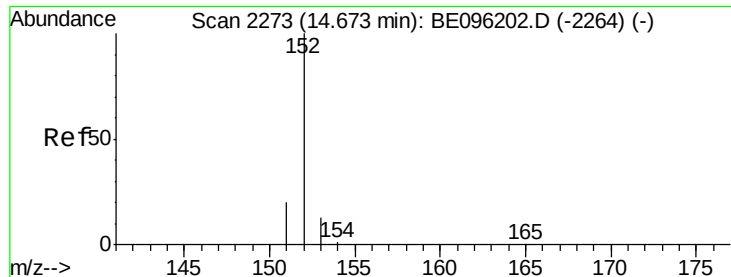
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.397 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

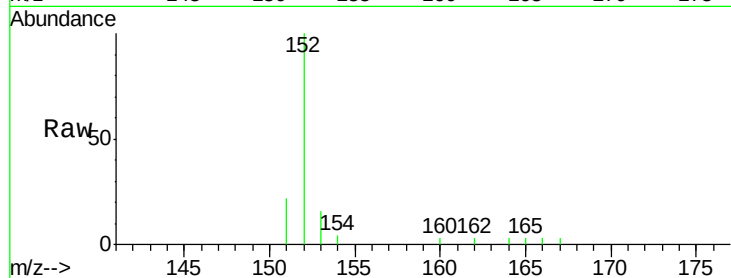
Tot Ion:152 Resp: 2576

Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

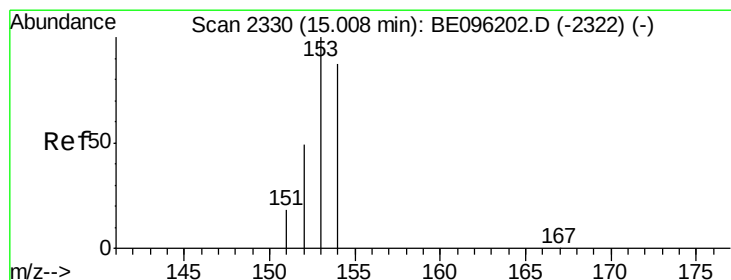
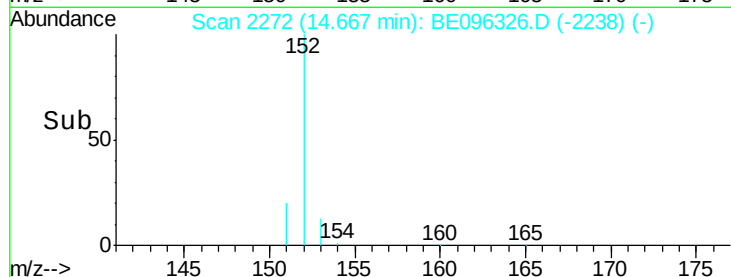
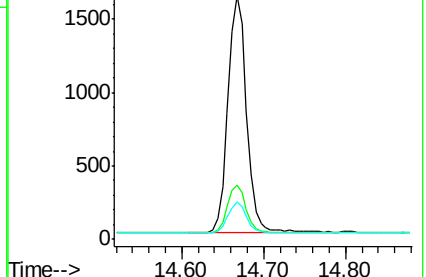
153 15.6 12.8 19.2



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: 0.403 ng/ul

RT: 15.00 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

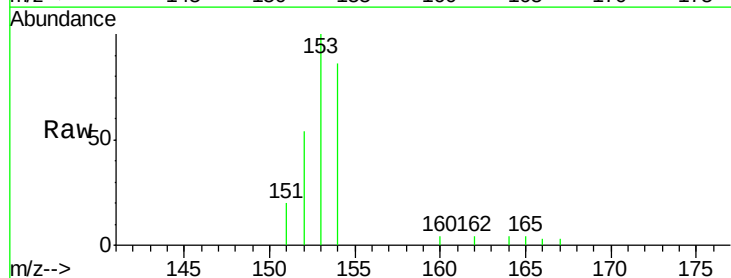
Tgt Ion:153 Resp: 1885

Ion Ratio Lower Upper

153 100

152 54.5 36.0 54.0#

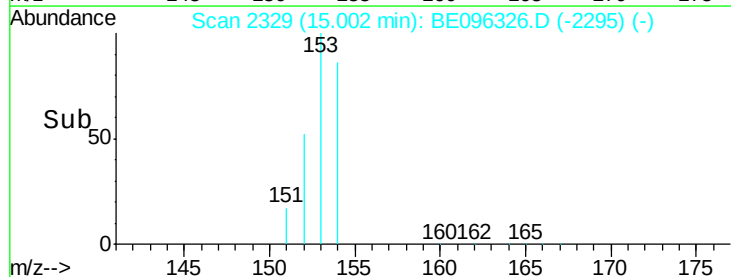
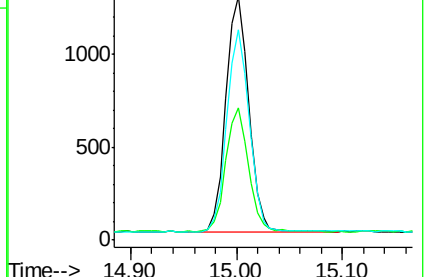
154 86.5 72.0 108.0

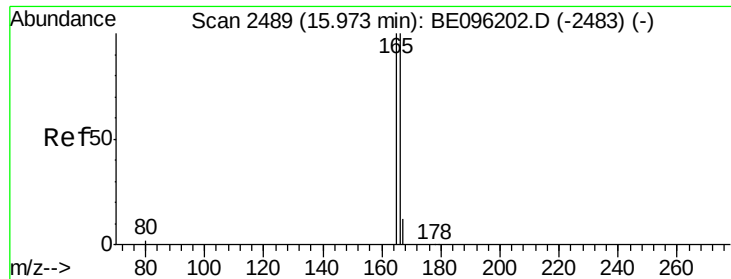


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.401 ng/ul

RT: 15.97 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

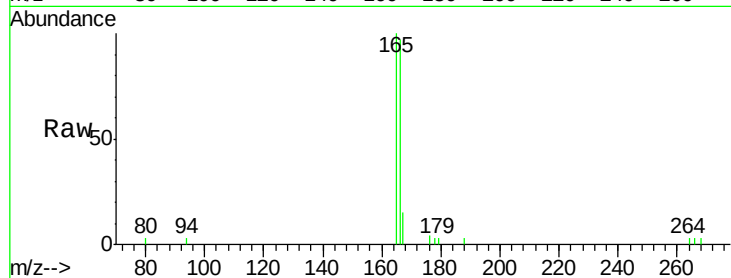
Tot Ion:166 Resp: 2543

Ion Ratio Lower Upper

166 100

165 102.9 73.4 110.2

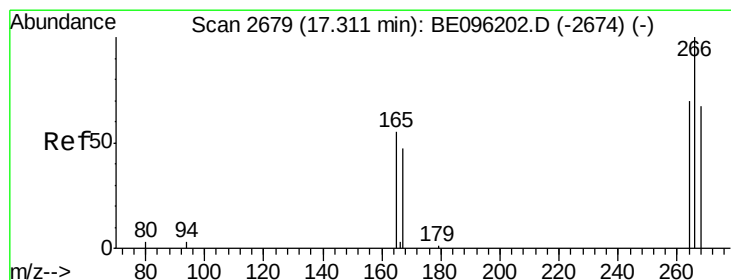
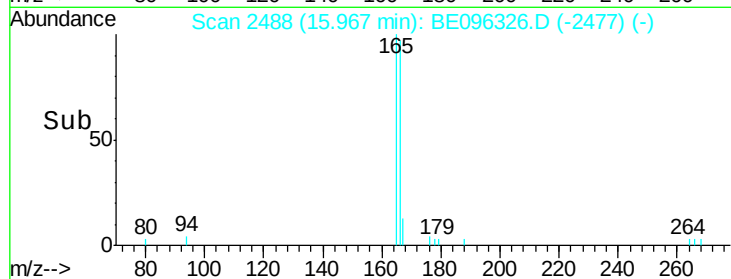
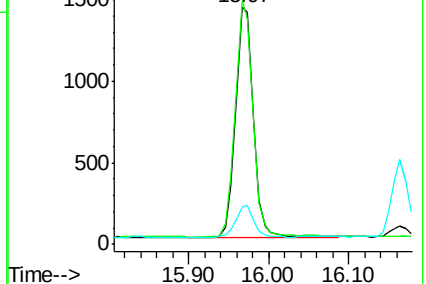
167 15.7 14.6 22.0



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: 0.343 ng/ul

RT: 17.31 min Scan# 2679

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

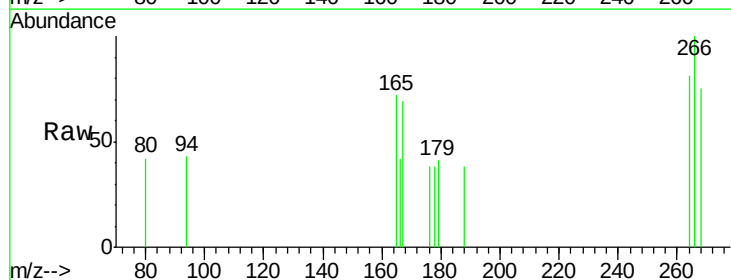
Tgt Ion:266 Resp: 168

Ion Ratio Lower Upper

266 100

264 63.7 47.9 71.9

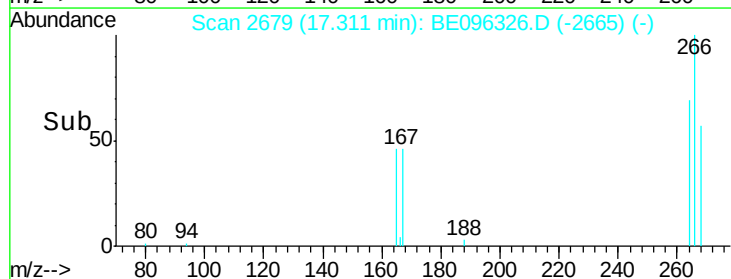
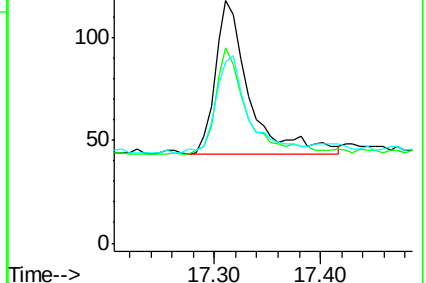
268 59.5 49.8 74.8

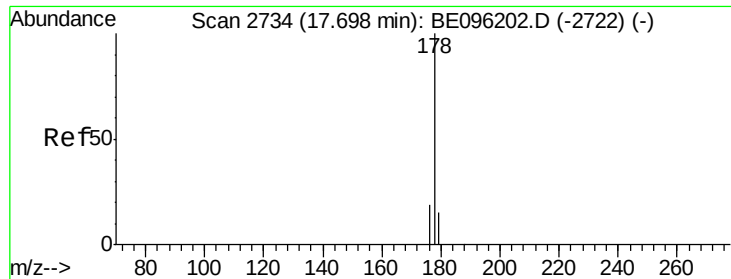


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.386 ng/ul

RT: 17.69 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

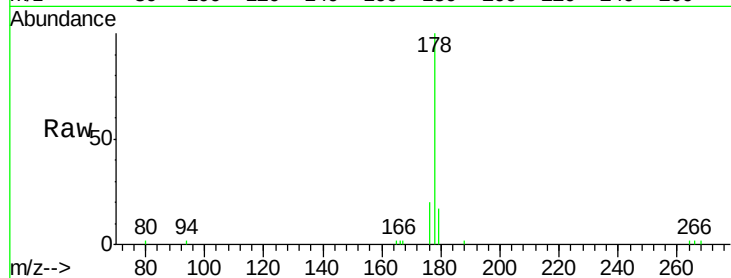
Tot Ion:178 Resp: 4151

Ion Ratio Lower Upper

178 100

179 16.7 18.4 27.6#

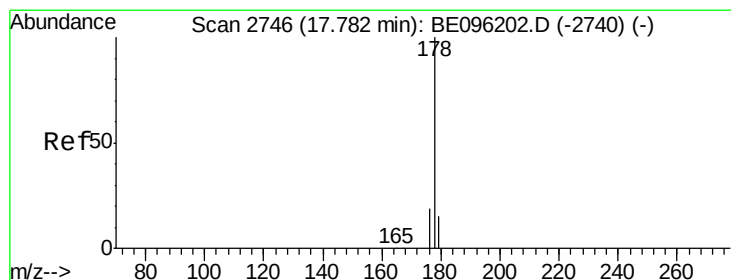
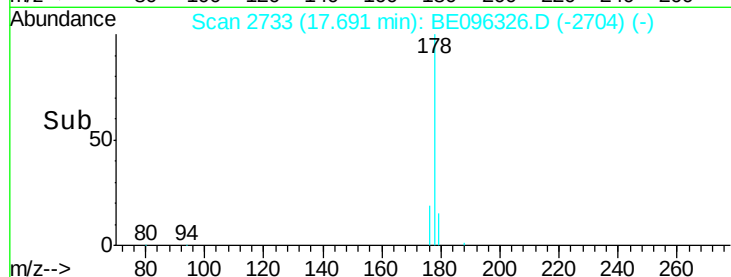
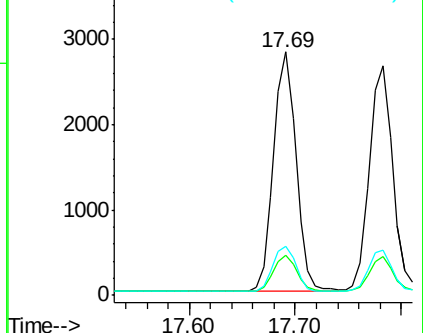
176 19.9 13.6 20.4



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: 0.393 ng/ul

RT: 17.78 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

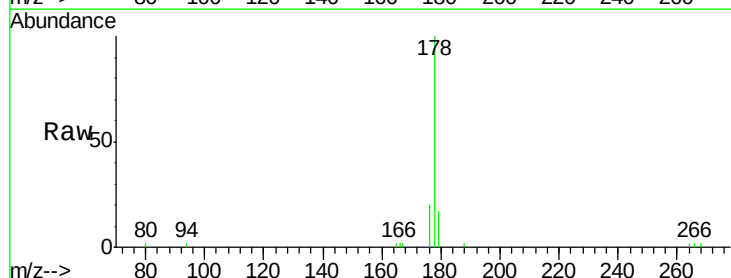
Tgt Ion:178 Resp: 4081

Ion Ratio Lower Upper

178 100

179 16.8 18.1 27.1#

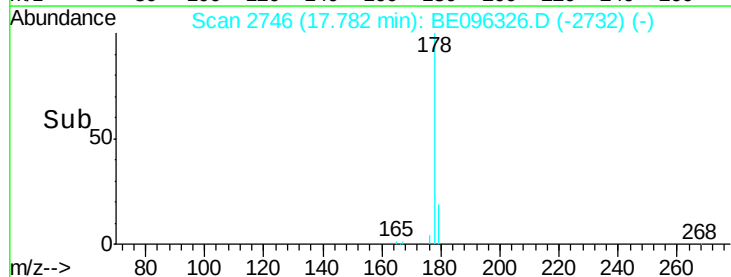
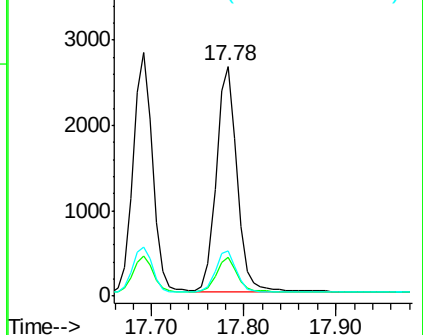
176 19.8 14.7 22.1

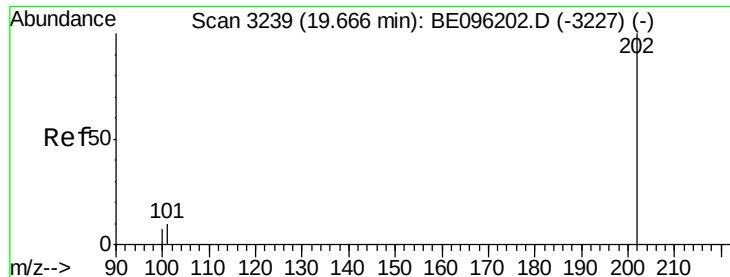


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

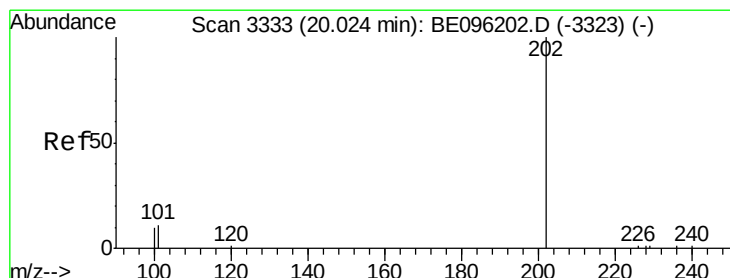
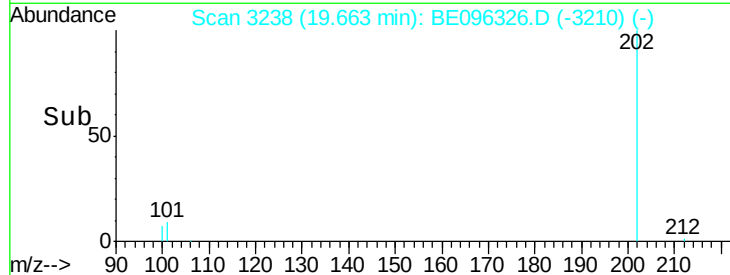
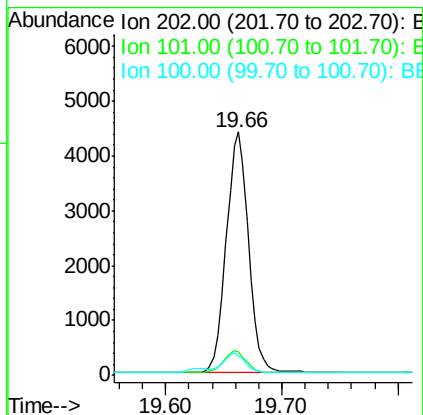
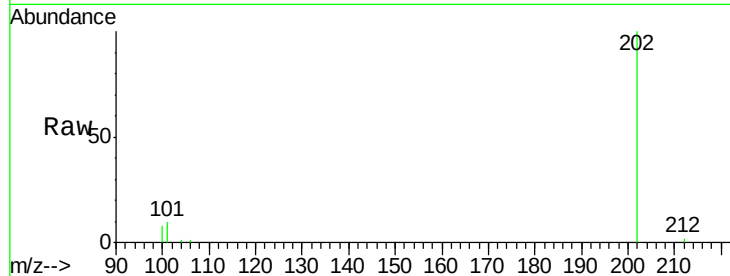




#15
Fluoranthene
 Concen: 0.378 ng/ul
 RT: 19.66 min Scan# 3238
 Delta R.T. 0.00 min
 Lab File: BE096326.D
 Acq: 3 May 2018 17:00

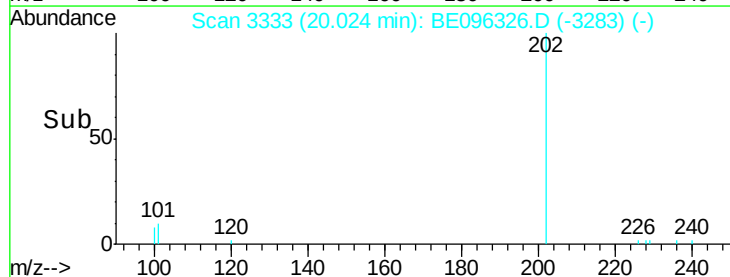
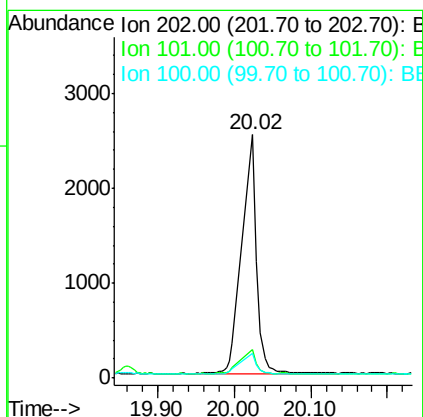
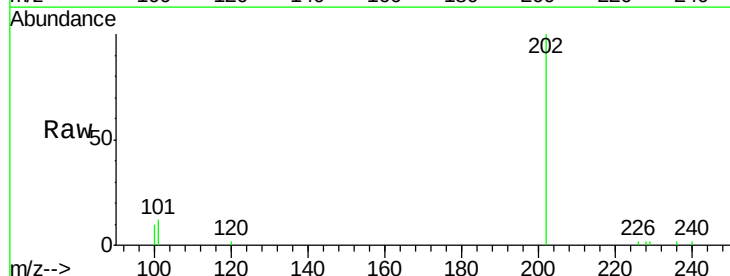
Instrument :
 BNA_E
 ClientSampleId :

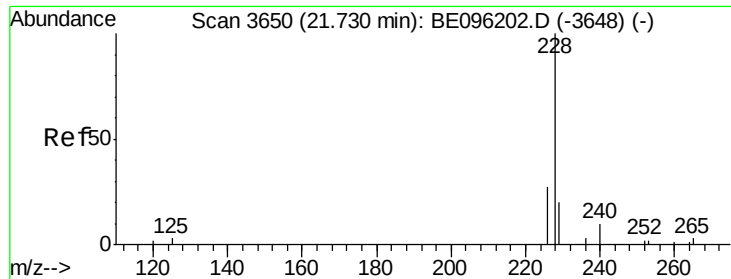
Tot Ion:202 Resp: 5784
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 30.3
 100 8.1 0.0 39.5



#17
Pyrene
 Concen: 0.306 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: BE096326.D
 Acq: 3 May 2018 17:00

Tgt Ion:202 Resp: 1607
 Ion Ratio Lower Upper
 202 100
 101 12.0 18.2 27.4#
 100 9.9 15.6 23.4#

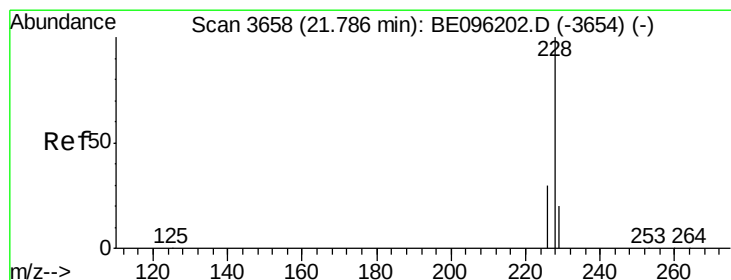
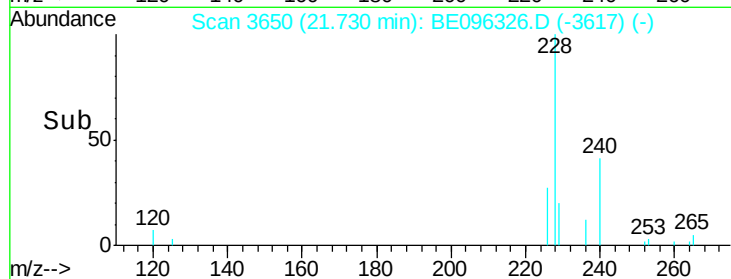
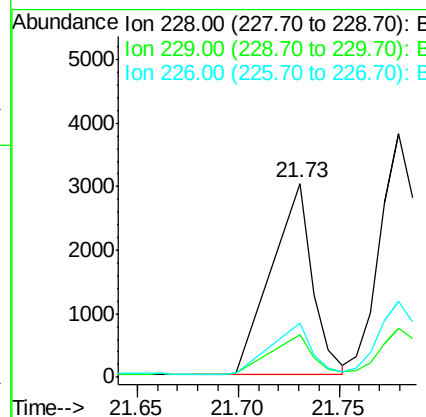
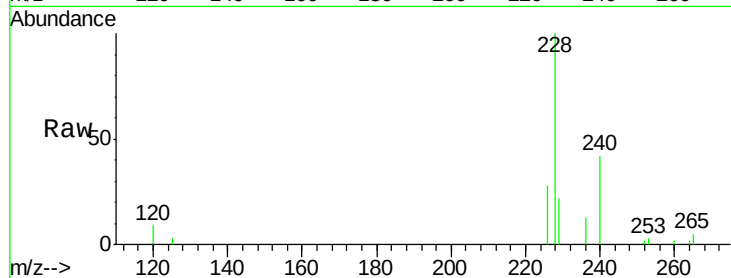




#18
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096326.D
Acq: 3 May 2018 17:00

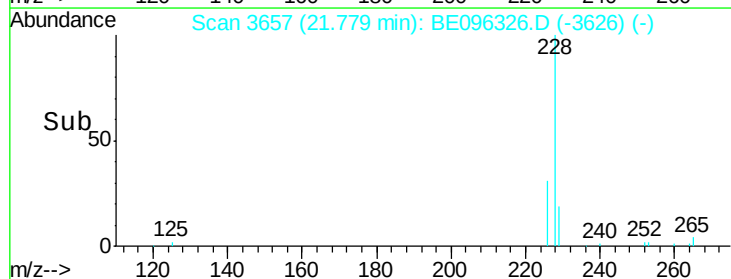
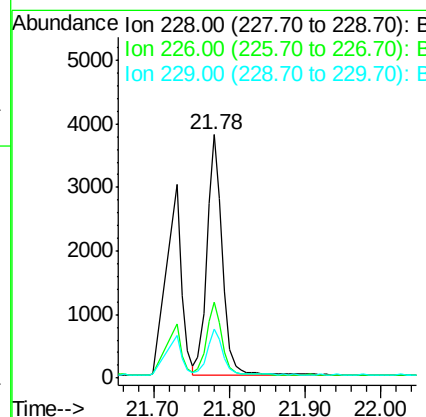
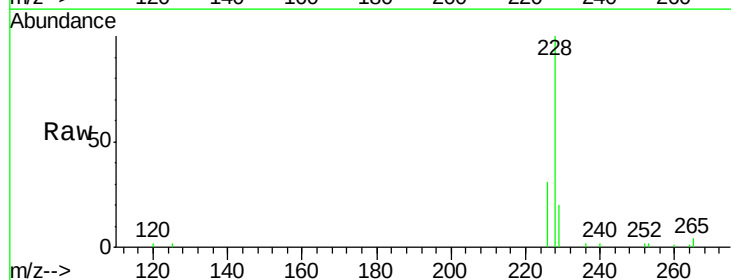
Instrument :
BNA_E
ClientSampleId :

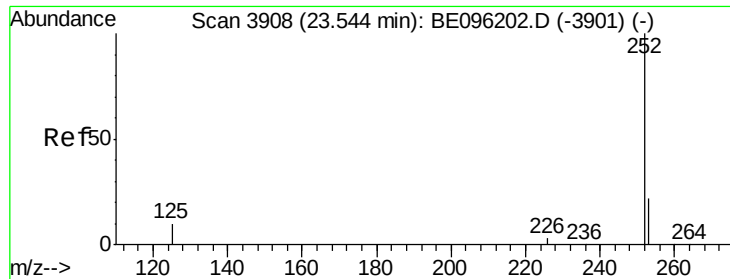
Tot Ion:228 Resp: 2663
Ion Ratio Lower Upper
228 100
229 21.8 22.8 34.2#
226 27.9 17.0 25.6#



#19
Chrysene
Concen: 0.382 ng/ul
RT: 21.78 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BE096326.D
Acq: 3 May 2018 17:00

Tgt Ion:228 Resp: 5326
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.0
229 20.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.396 ng/ul

RT: 23.54 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

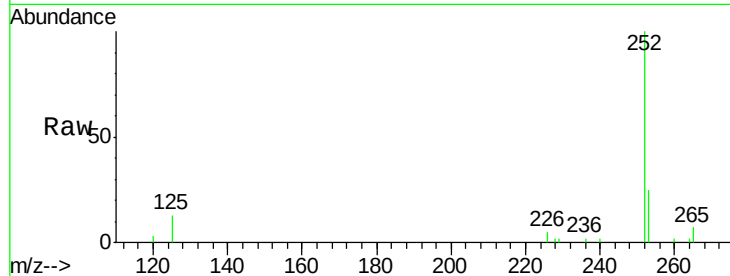
Tot Ion:252 Resp: 4966

Ion Ratio Lower Upper

252 100

253 24.9 0.0 64.2

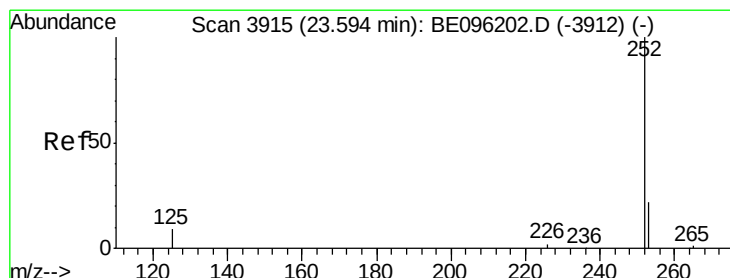
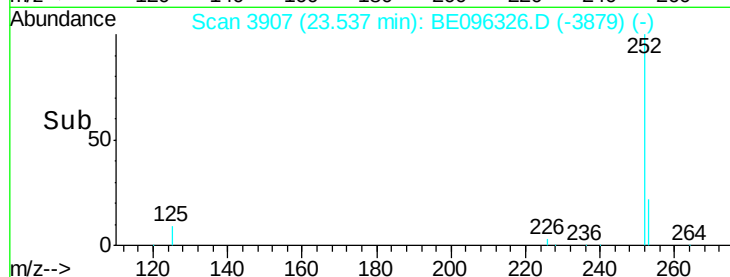
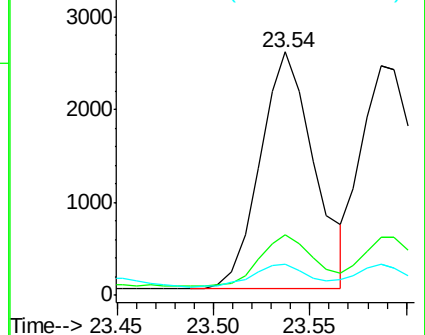
125 12.5 0.0 35.0



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: 0.398 ng/ul

RT: 23.59 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

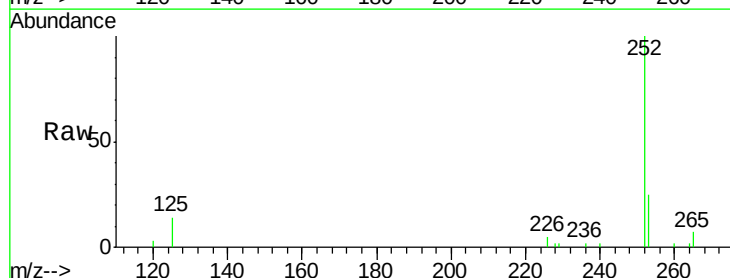
Tgt Ion:252 Resp: 4816

Ion Ratio Lower Upper

252 100

253 25.1 24.5 36.7

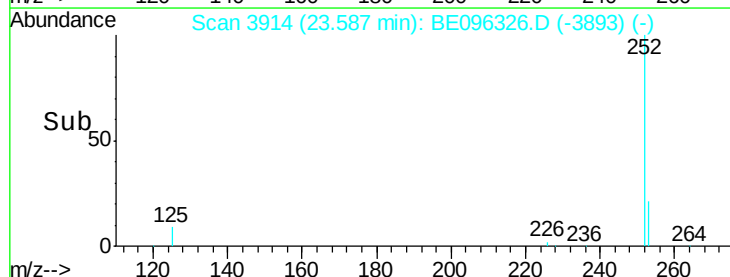
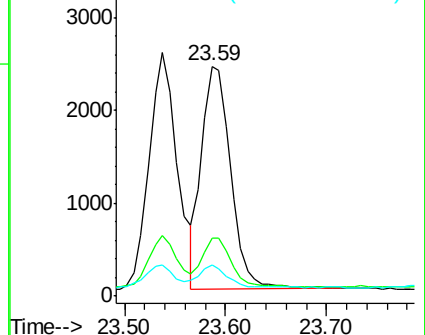
125 13.8 13.7 20.5

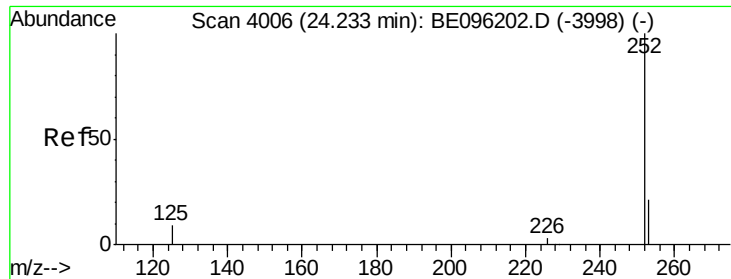


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 24.23 min Scan# 4005

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

Instrument :

BNA_E

ClientSampleId :

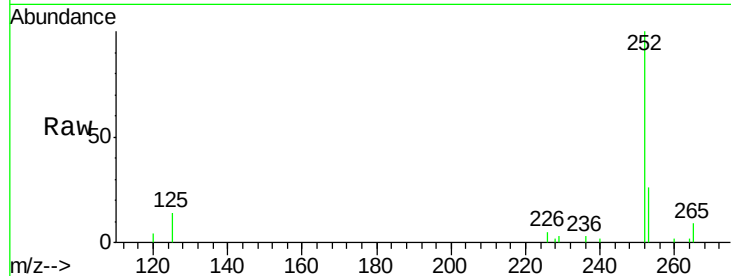
Tot Ion:252 Resp: 4602

Ion Ratio Lower Upper

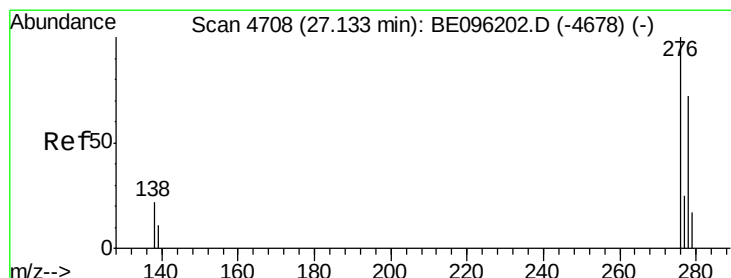
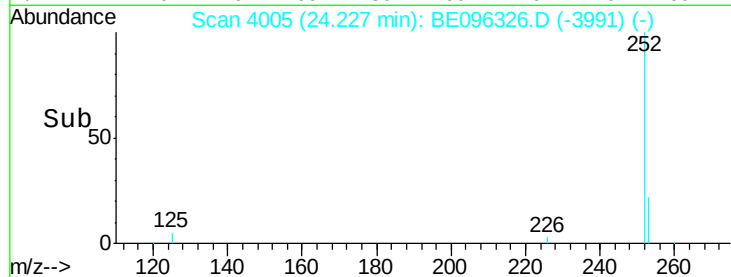
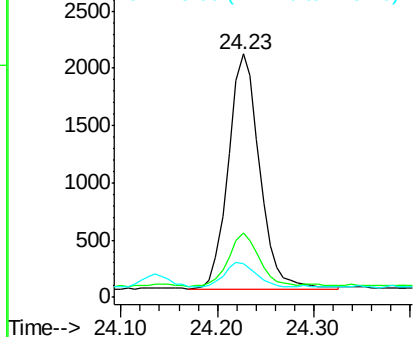
252 100

253 26.4 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: 0.396 ng/ul

RT: 27.12 min Scan# 4705

Delta R.T. 0.00 min

Lab File: BE096326.D

Acq: 3 May 2018 17:00

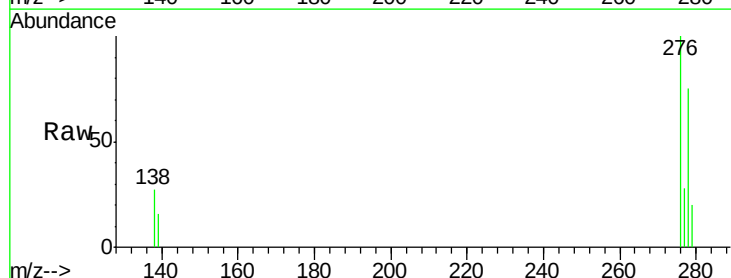
Tgt Ion:276 Resp: 5146

Ion Ratio Lower Upper

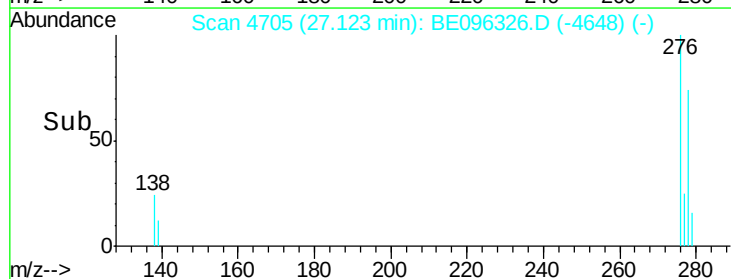
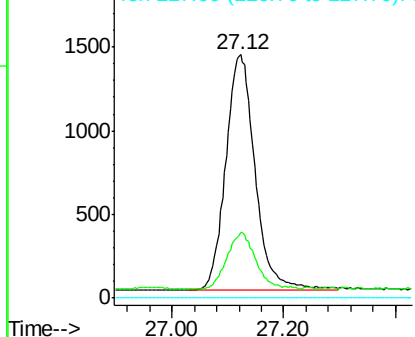
276 100

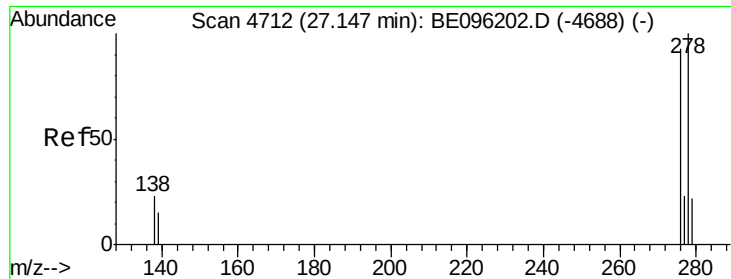
138 23.8 28.0 42.0#

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



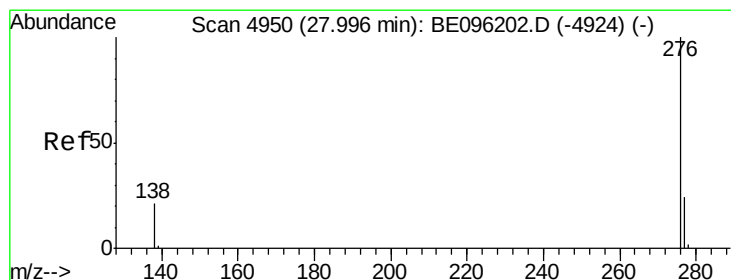
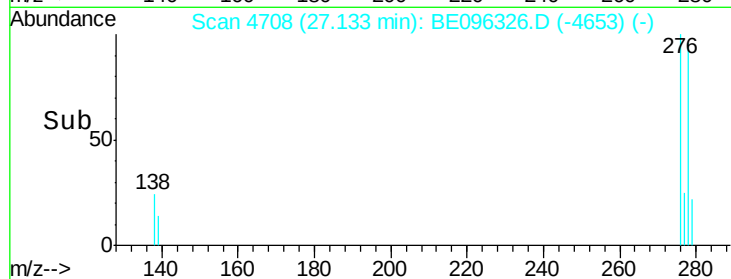
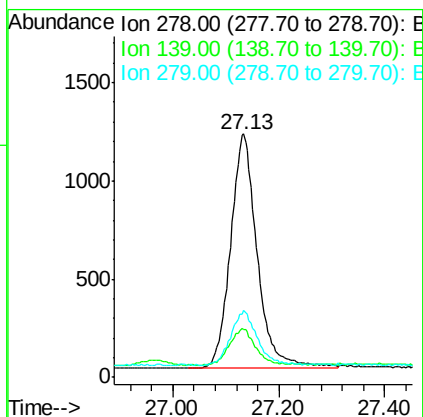
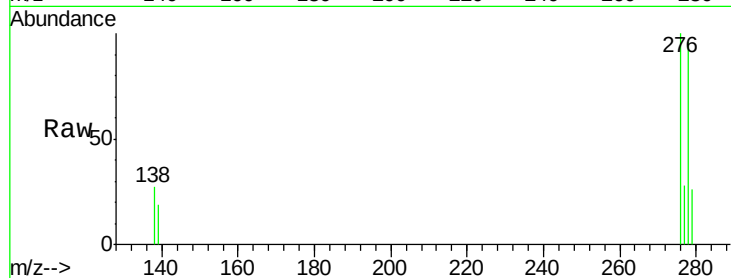


#25
Dibenzo(a,h)anthracene
Concen: 0.394 ng/ul
RT: 27.13 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BE096326.D
Acq: 3 May 2018 17:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4185

Ion	Ratio	Lower	Upper
278	100		
139	19.9	17.4	26.0
279	27.4	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 27.98 min Scan# 4946
Delta R.T. 0.00 min
Lab File: BE096326.D
Acq: 3 May 2018 17:00

Tgt Ion:276 Resp: 4396

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.8	32.8
277	27.1	20.5	30.7

