

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096200.D
 Acq On : 27 Apr 2018 3:45
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 05:05:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

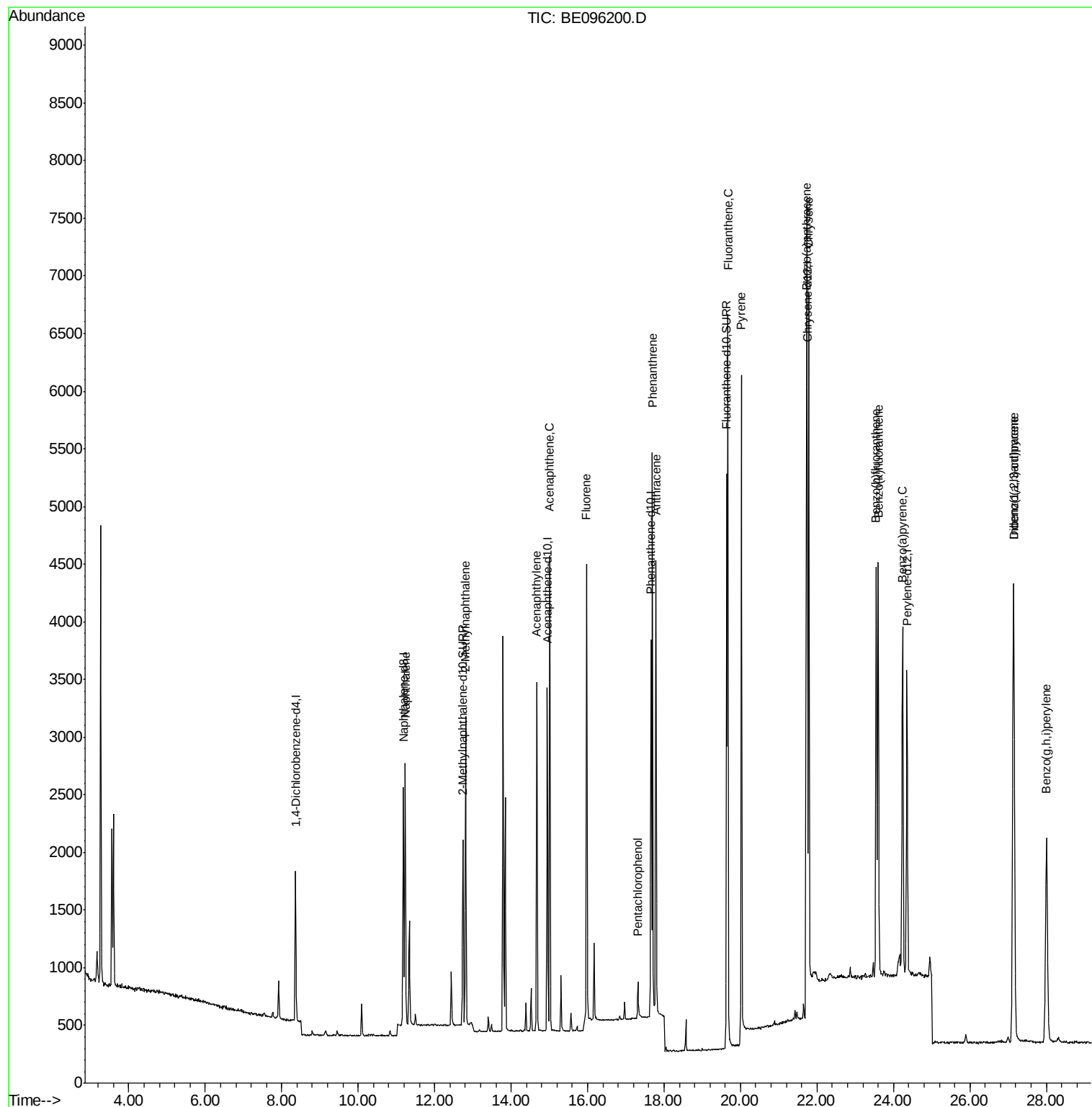
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	675	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1611	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3761	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4520	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3788	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2091	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5592	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3110	0.397	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	2178	0.415	ng/ul	100
7) Acenaphthylene	14.67	152	3401	0.410	ng/ul	99
8) Acenaphthene	15.01	153	2429	0.406	ng/ul	93
9) Fluorene	15.97	166	2714	0.343	ng/ul	91
11) Pentachlorophenol	17.32	266	200	0.221	ng/ul	94
12) Phenanthrene	17.70	178	5302	0.479	ng/ul#	89
13) Anthracene	17.79	178	4477	0.403	ng/ul#	92
15) Fluoranthene	19.67	202	6970	0.412	ng/ul	85
17) Pyrene	20.02	202	3536	0.390	ng/ul#	80
18) Benzo(a)anthracene	21.73	228	5320	0.389	ng/ul#	85
19) Chrysene	21.79	228	5594	0.445	ng/ul	97
21) Benzo(b)fluoranthene	23.54	252	5307	0.370	ng/ul	87
22) Benzo(k)fluoranthene	23.60	252	4992	0.364	ng/ul#	89
23) Benzo(a)pyrene	24.24	252	4788	0.384	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.13	276	5457	0.325	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.15	278	4417	0.314	ng/ul	93
26) Benzo(g,h,i)perylene	28.00	276	4514	0.309	ng/ul	96

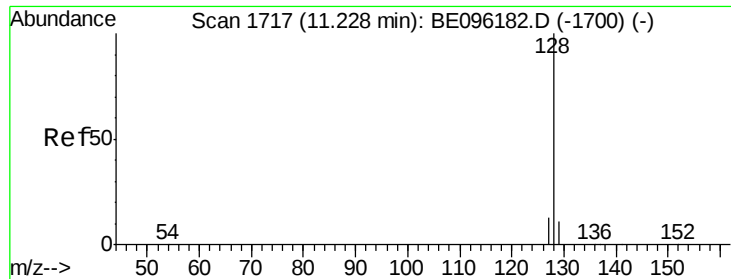
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.397 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_E

ClientSampleId :

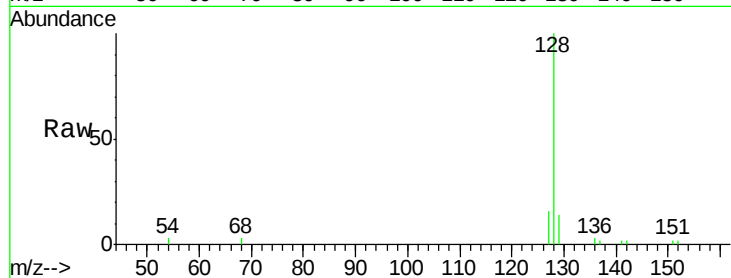
Tot Ion:128 Resp: 3110

Ion Ratio Lower Upper

128 100

129 13.6 11.3 16.9

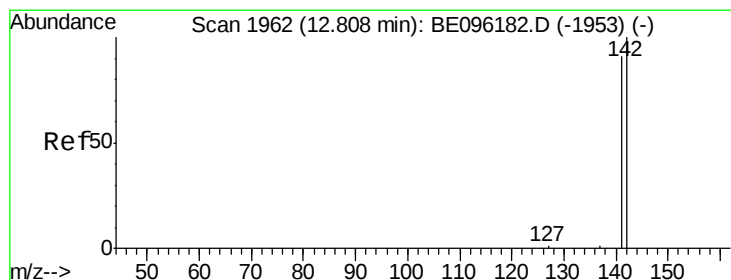
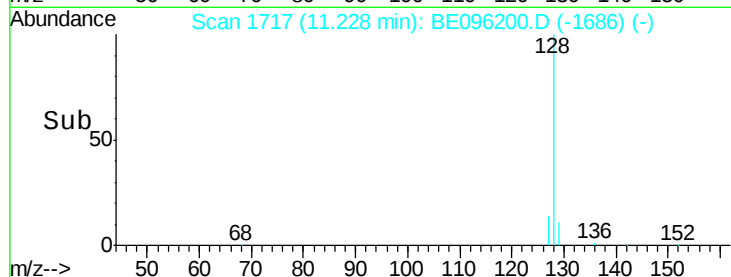
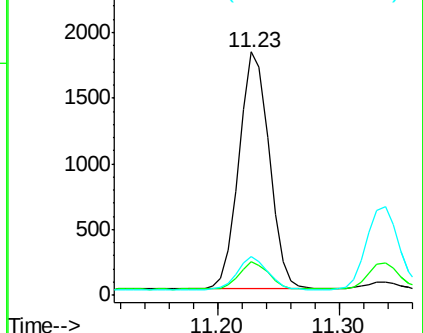
127 15.9 4.0 6.0#



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: 0.415 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE096200.D

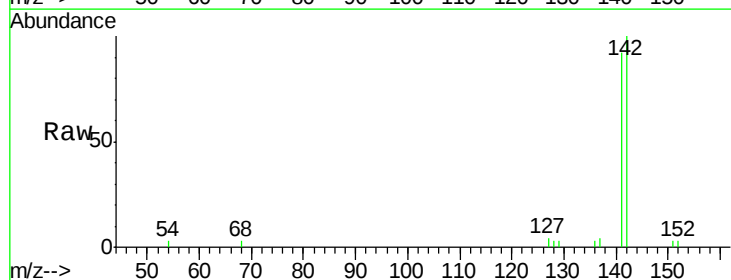
Acq: 27 Apr 2018 3:45

Tgt Ion:142 Resp: 2178

Ion Ratio Lower Upper

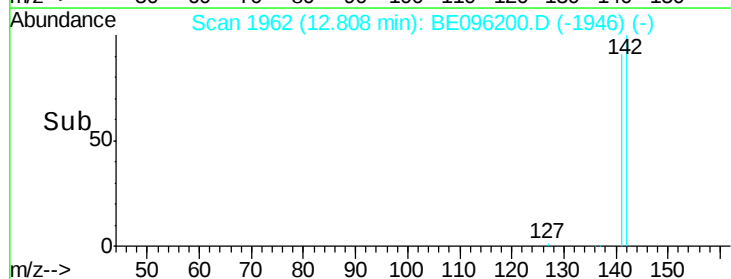
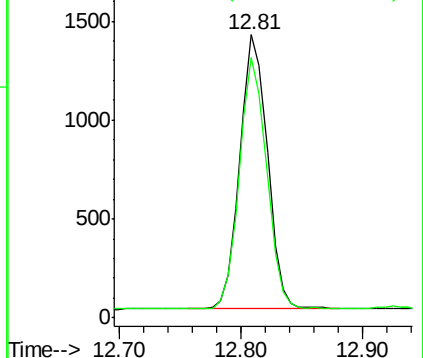
142 100

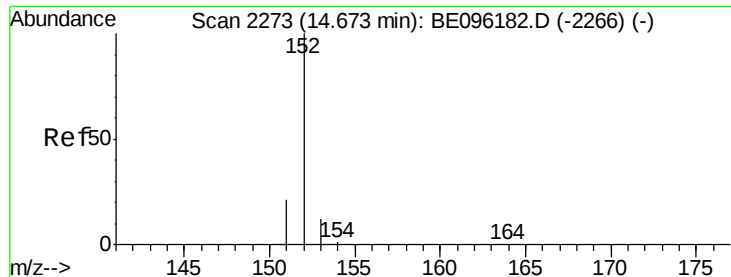
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.410 ng/ul

RT: 14.67 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_E

ClientSampleId :

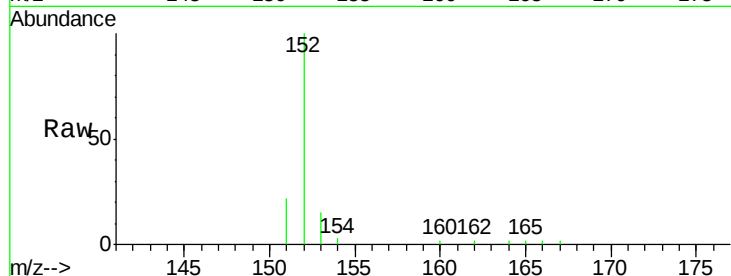
Tot Ion:152 Resp: 3401

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

153 14.7 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

14.67

2500

2000

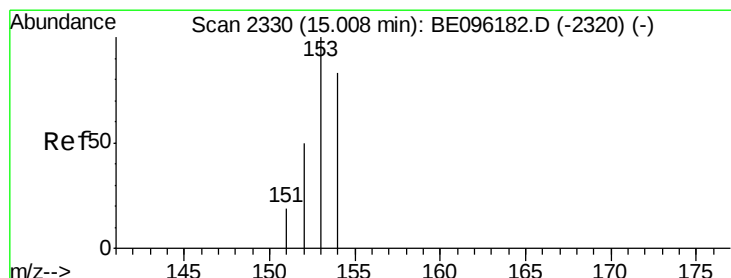
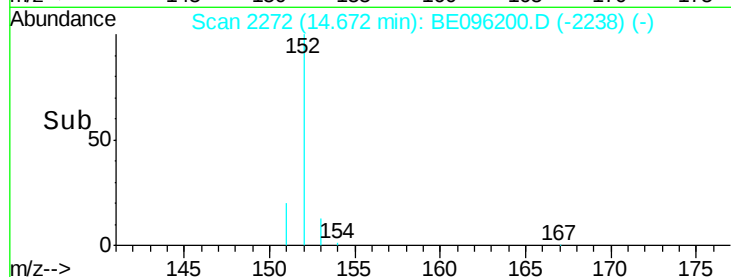
1500

1000

500

0

Time-->



#8

Acenaphthene

Concen: 0.406 ng/ul

RT: 15.01 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

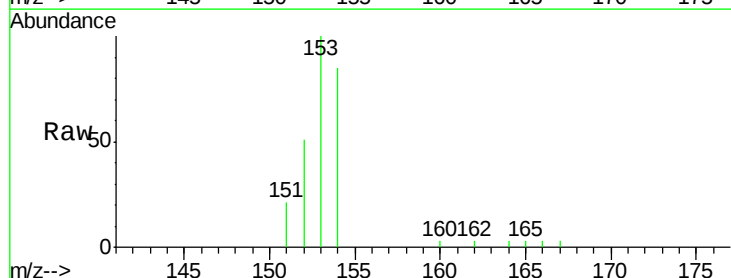
Tgt Ion:153 Resp: 2429

Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

154 84.8 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

15.01

2000

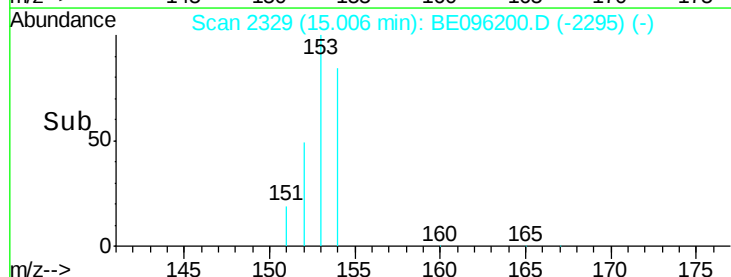
1500

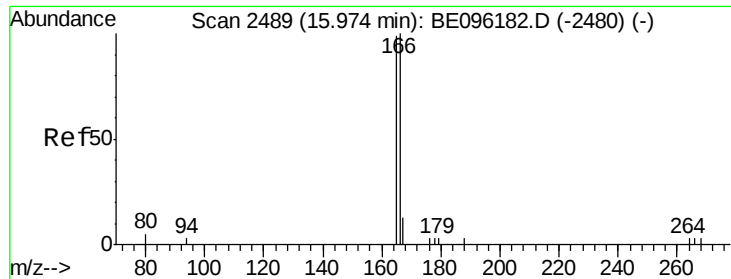
1000

500

0

Time-->





#9

Fluorene

Concen: 0.343 ng/ul

RT: 15.97 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_E

ClientSampleId :

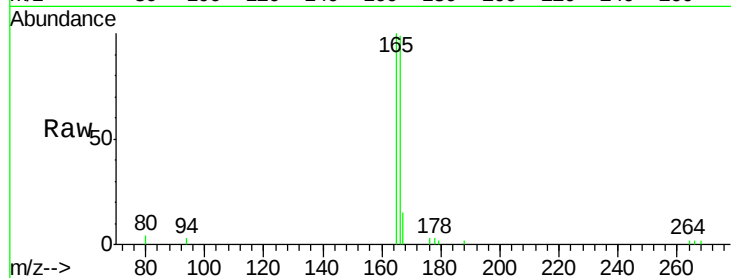
Tot Ion:166 Resp: 2714

Ion Ratio Lower Upper

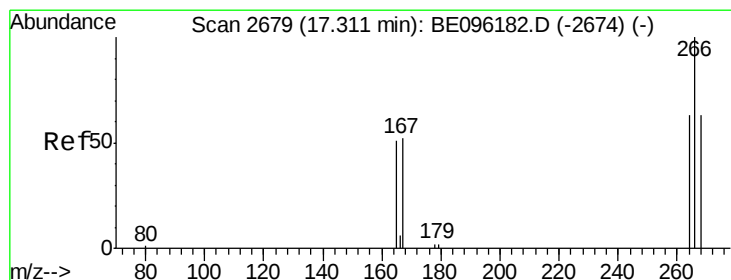
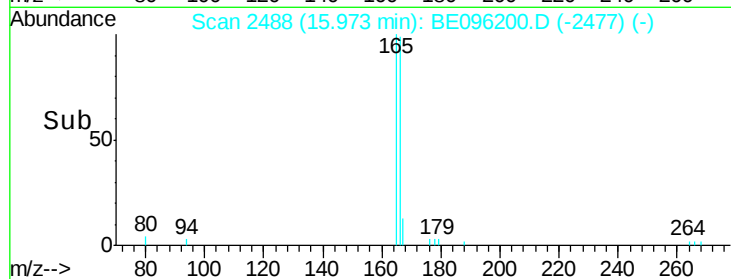
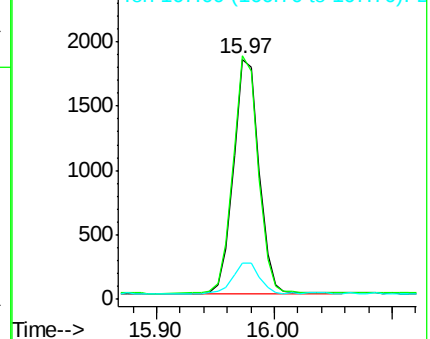
166 100

165 101.3 73.4 110.2

167 15.3 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: 0.221 ng/ul

RT: 17.32 min Scan# 2679

Delta R.T. 0.01 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

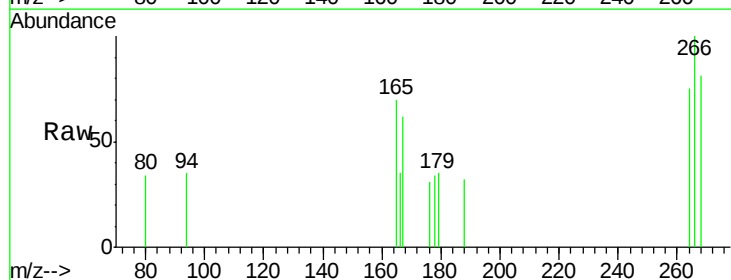
Tgt Ion:266 Resp: 200

Ion Ratio Lower Upper

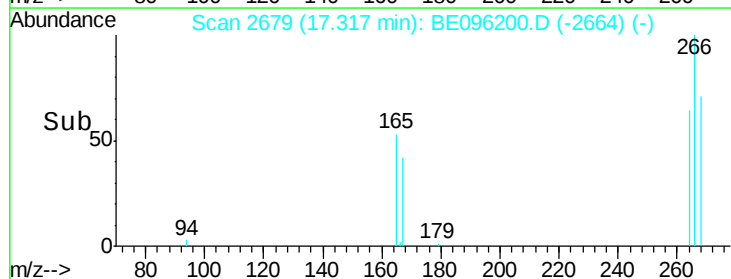
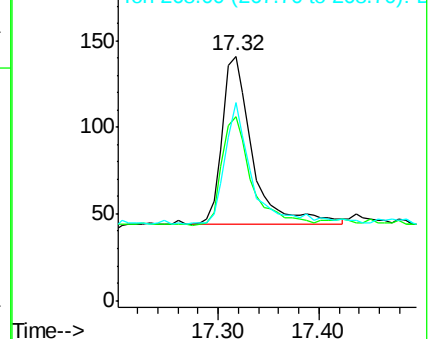
266 100

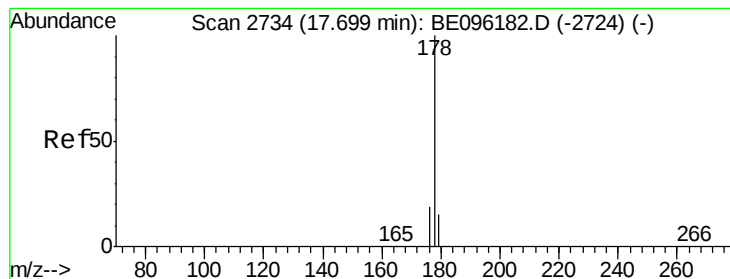
264 65.0 47.9 71.9

268 66.5 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: 0.479 ng/ul

RT: 17.70 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_E

ClientSampleId :

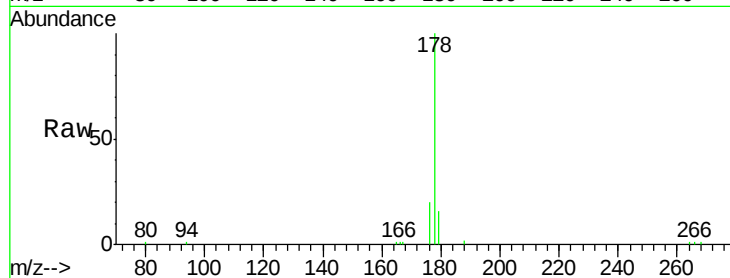
Tot Ion:178 Resp: 5302

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

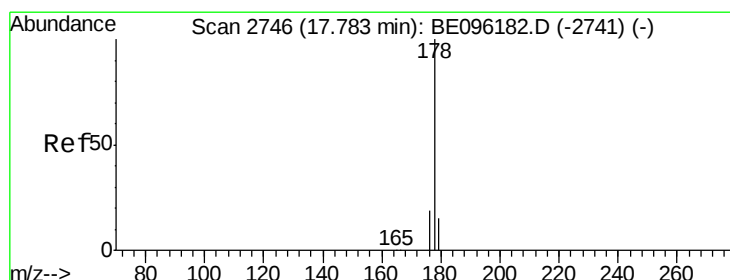
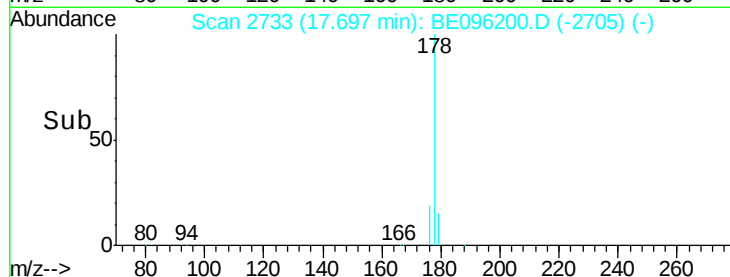
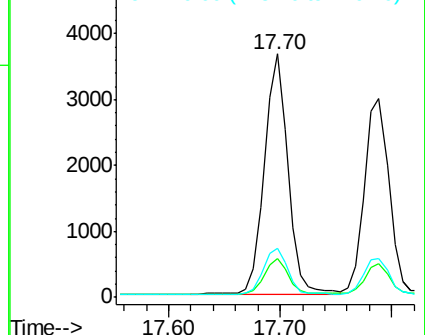
176 20.2 13.6 20.4



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: 0.403 ng/ul

RT: 17.79 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

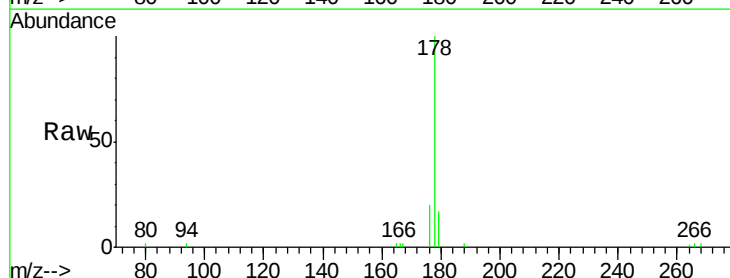
Tgt Ion:178 Resp: 4477

Ion Ratio Lower Upper

178 100

179 16.8 18.1 27.1#

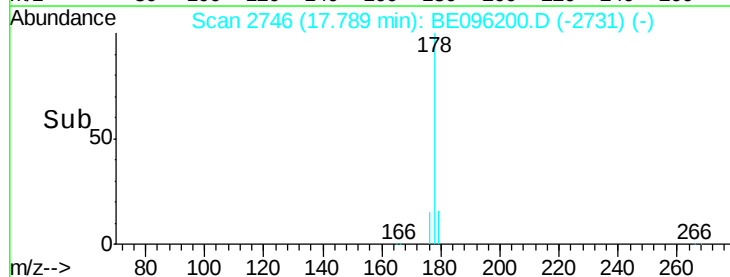
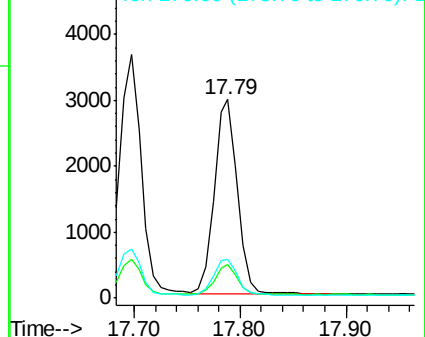
176 19.6 14.7 22.1

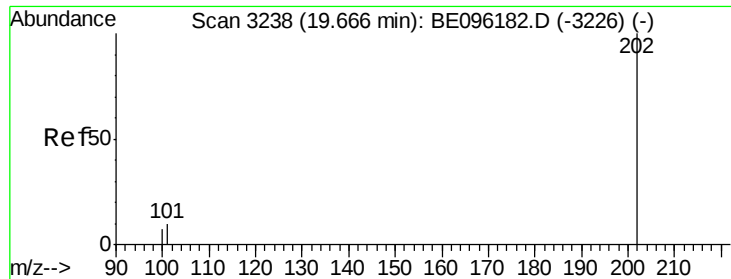


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

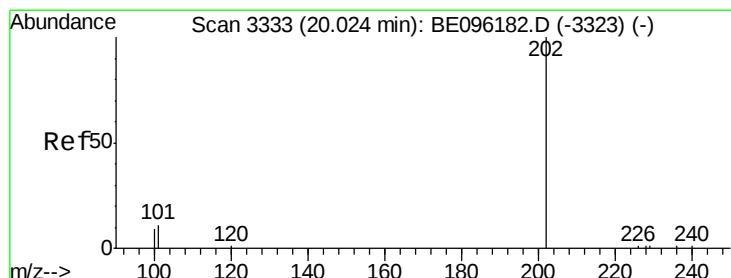
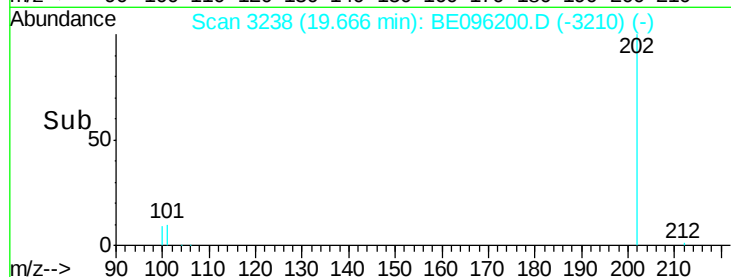
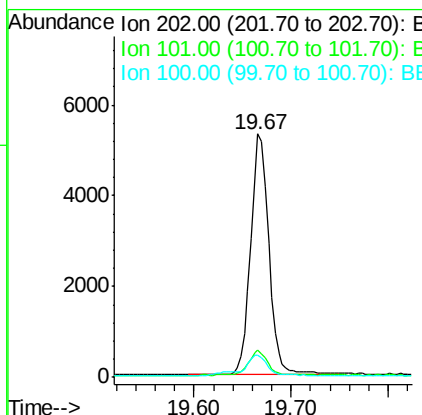
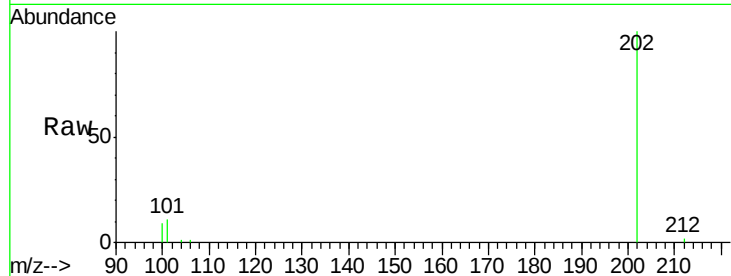




#15
Fluoranthene
 Concen: 0.412 ng/ul
 RT: 19.67 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BE096200.D
 Acq: 27 Apr 2018 3:45

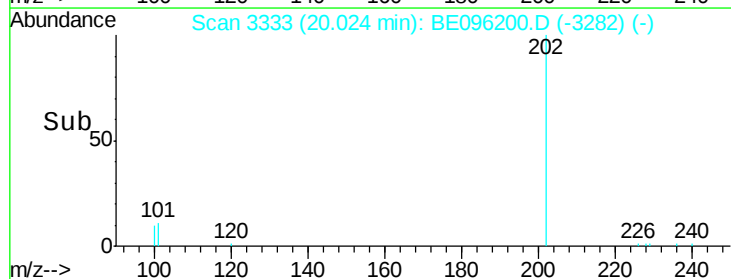
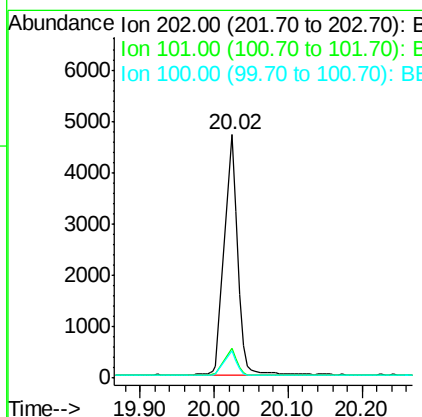
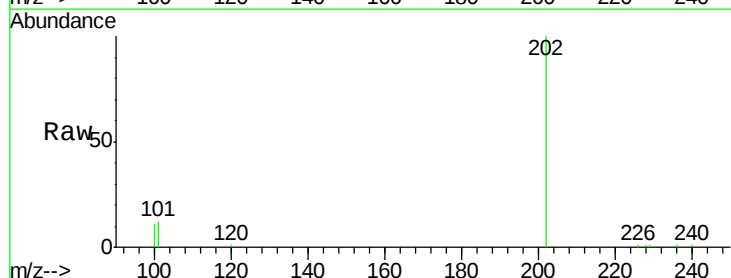
Instrument :
 BNA_E
 ClientSampleId :

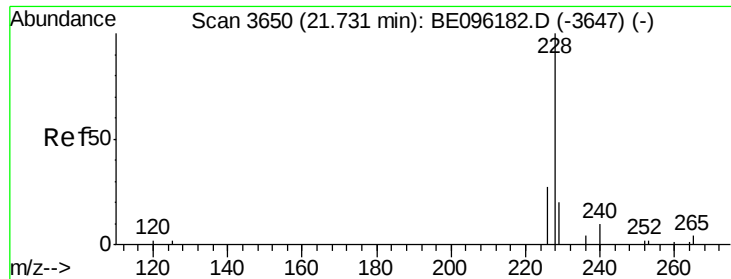
Tot Ion:202 Resp: 6970
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 9.3 0.0 39.5



#17
Pyrene
 Concen: 0.390 ng/ul
 RT: 20.02 min Scan# 3333
 Delta R.T. -0.00 min
 Lab File: BE096200.D
 Acq: 27 Apr 2018 3:45

Tgt Ion:202 Resp: 3536
 Ion Ratio Lower Upper
 202 100
 101 12.3 18.2 27.4#
 100 11.0 15.6 23.4#

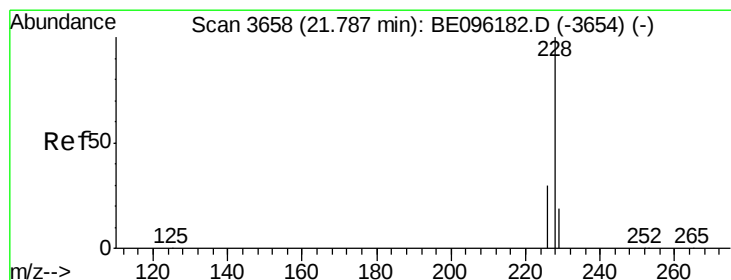
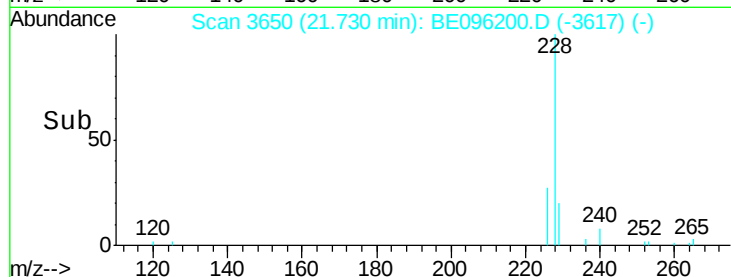
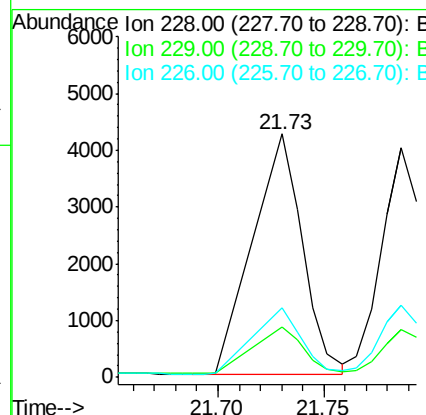
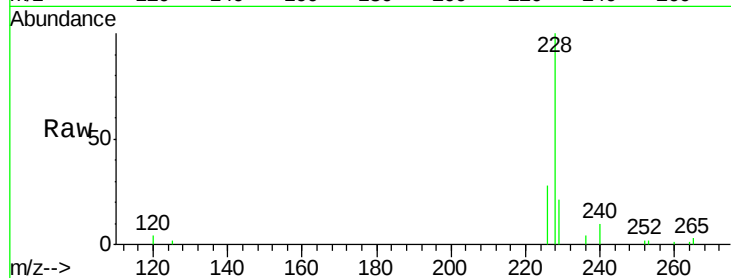




#18
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

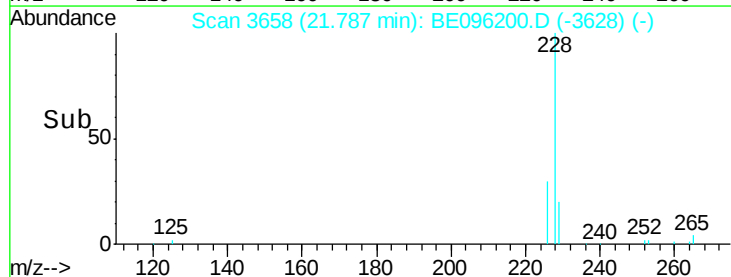
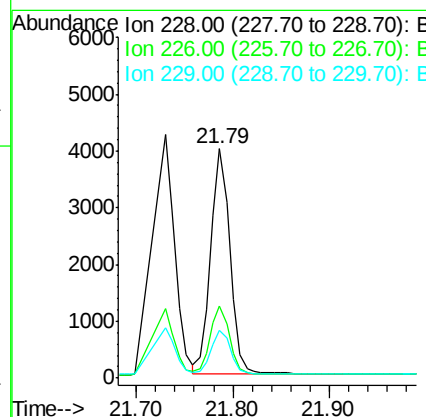
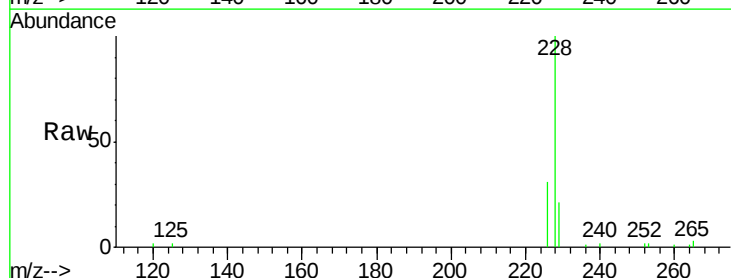
Instrument :
BNA_E
ClientSampleId :

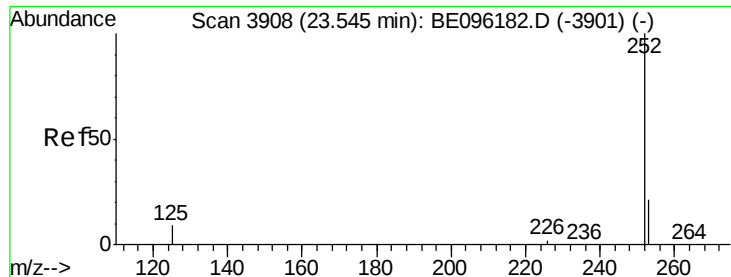
Tot Ion:228 Resp: 5320
Ion Ratio Lower Upper
228 100
229 20.7 22.8 34.2#
226 28.5 17.0 25.6#



#19
Chrysene
Concen: 0.445 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

Tgt Ion:228 Resp: 5594
Ion Ratio Lower Upper
228 100
226 31.3 23.4 35.0
229 21.0 17.7 26.5

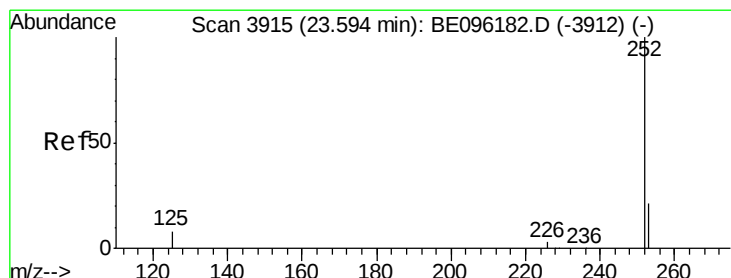
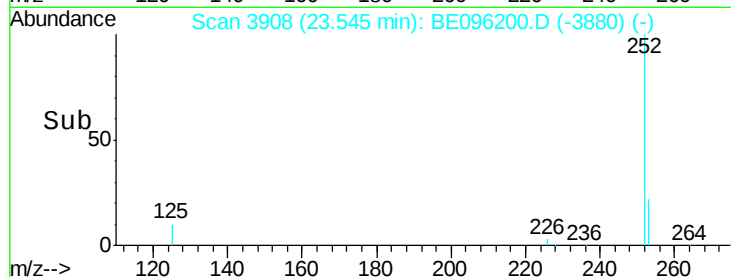
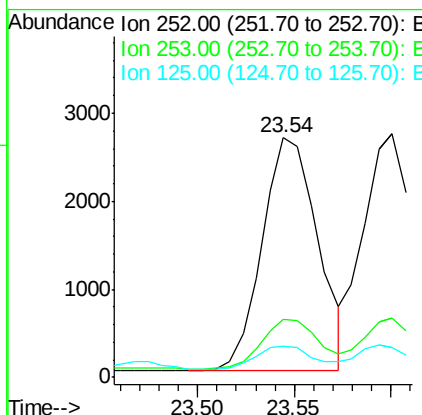
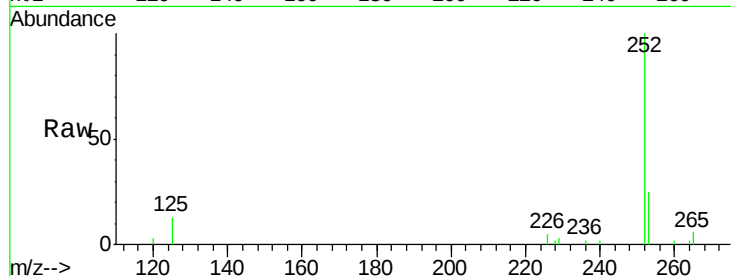




#21
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.54 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

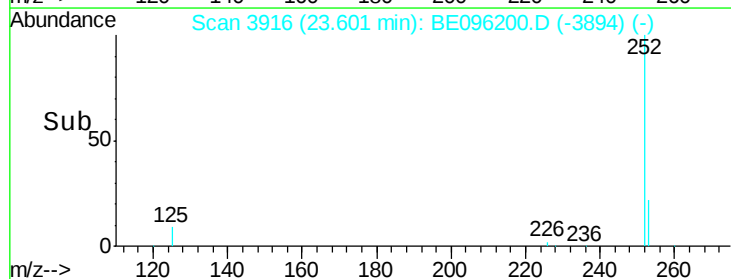
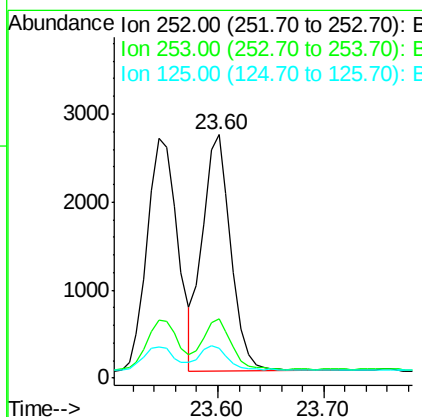
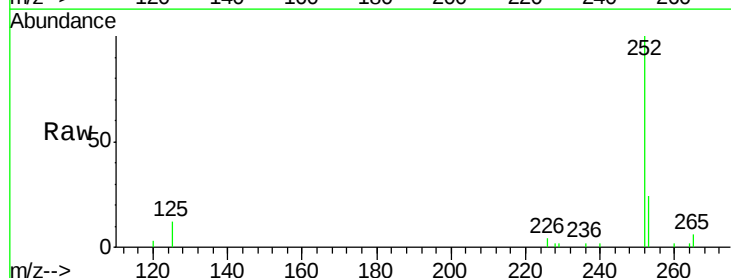
Instrument :
BNA_E
ClientSampleId :

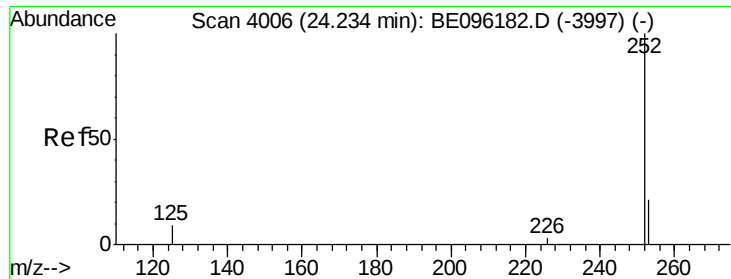
Tot Ion:252 Resp: 5307
Ion Ratio Lower Upper
252 100
253 24.5 0.0 64.2
125 12.9 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.60 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

Tgt Ion:252 Resp: 4992
Ion Ratio Lower Upper
252 100
253 24.4 24.5 36.7#
125 12.3 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 24.24 min Scan# 4007

Delta R.T. 0.01 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

Instrument :

BNA_E

ClientSampleId :

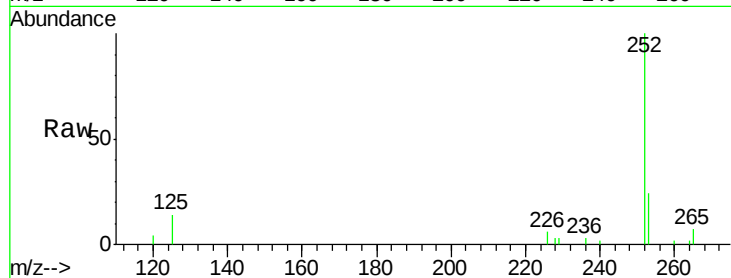
Tot Ion:252 Resp: 4788

Ion Ratio Lower Upper

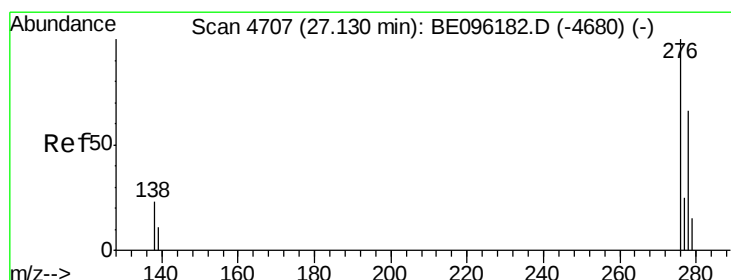
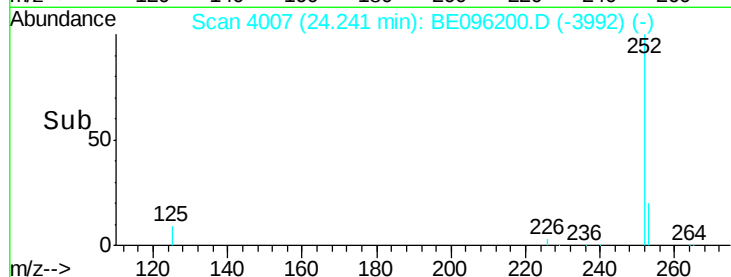
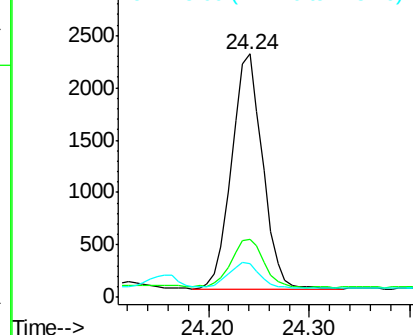
252 100

253 24.0 28.5 42.7#

125 13.9 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: 0.325 ng/ul

RT: 27.13 min Scan# 4708

Delta R.T. 0.00 min

Lab File: BE096200.D

Acq: 27 Apr 2018 3:45

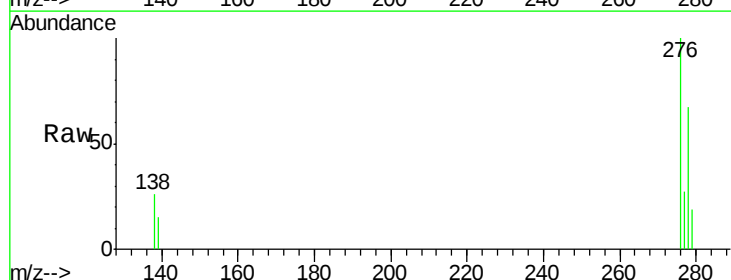
Tgt Ion:276 Resp: 5457

Ion Ratio Lower Upper

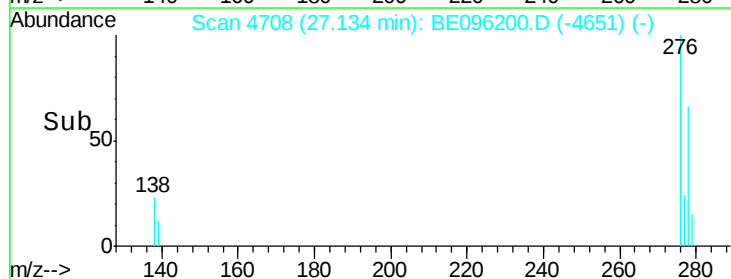
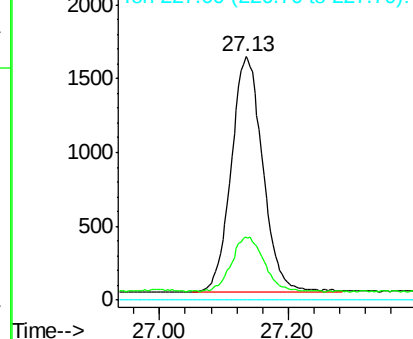
276 100

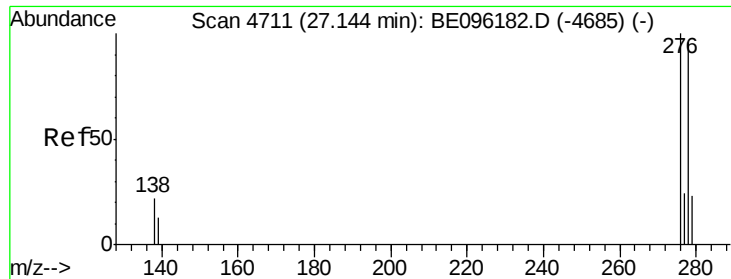
138 23.6 28.0 42.0#

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

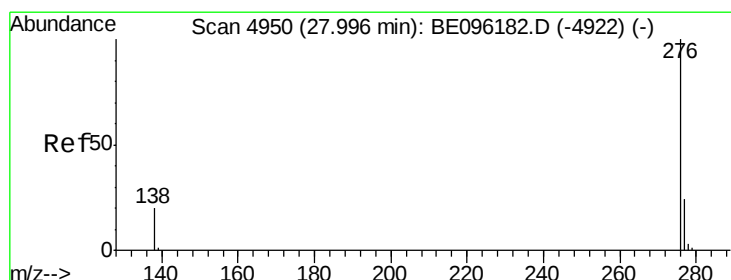
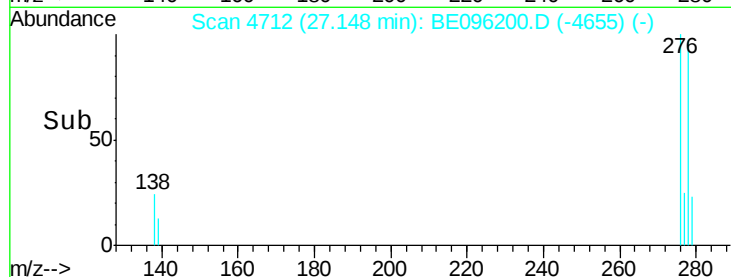
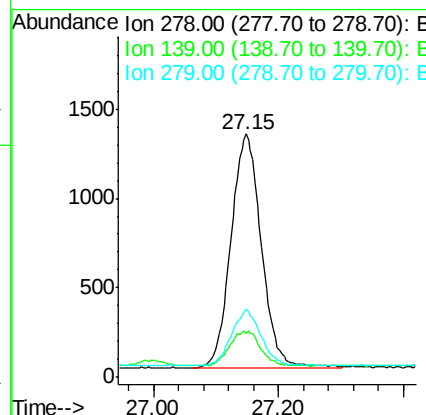
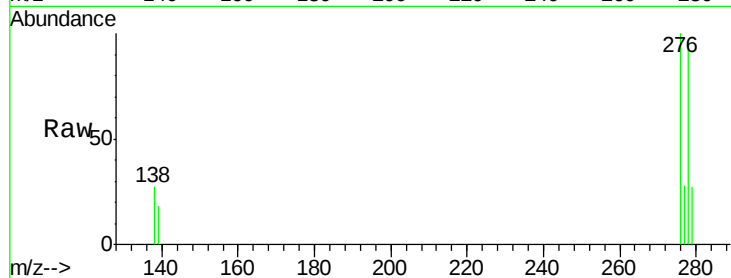




#25
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 27.15 min Scan# 4712
Delta R.T. 0.00 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4417
Ion Ratio Lower Upper
278 100
139 18.2 17.4 26.0
279 28.1 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 28.00 min Scan# 4951
Delta R.T. 0.00 min
Lab File: BE096200.D
Acq: 27 Apr 2018 3:45

Tgt Ion:276 Resp: 4514
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 25.9 20.5 30.7

