

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096874.D
 Acq On : 7 Jul 2018 4:05
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 06:49:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

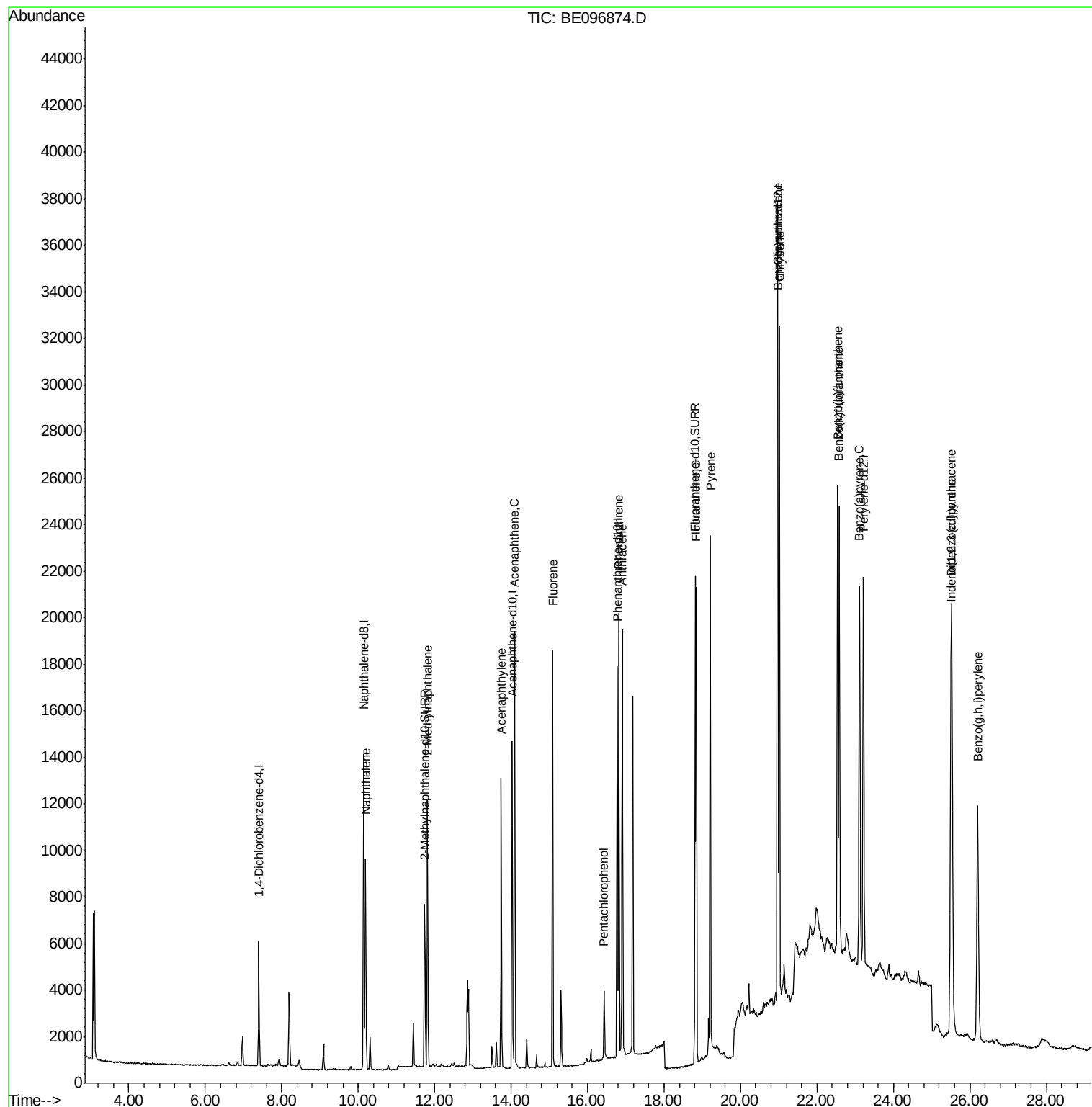
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2517	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	13700	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	7852	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	18786	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	20328	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	21548	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9259	0.41	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	22158	0.47	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	13239	0.400	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	9341	0.414	ng/ul	99
7) Acenaphthylene	13.74	152	14157	0.440	ng/ul	97
8) Acenaphthene	14.09	153	10567	0.398	ng/ul	97
9) Fluorene	15.08	166	11285	0.412	ng/ul	92
11) Pentachlorophenol	16.43	266	1449	1.178	ng/ul	96
12) Phenanthrene	16.82	178	19217	0.397	ng/ul#	90
13) Anthracene	16.91	178	19301	0.469	ng/ul#	93
15) Fluoranthene	18.85	202	22915	0.444	ng/ul	84
17) Pyrene	19.21	202	23948	0.359	ng/ul#	84
18) Benzo(a)anthracene	20.96	228	23322	0.486	ng/ul#	83
19) Chrysene	21.02	228	22517	0.362	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	24844	0.422	ng/ul	88
22) Benzo(k)fluoranthene	22.58	252	23589	0.367	ng/ul#	90
23) Benzo(a)pyrene	23.12	252	23371	0.470	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.50	276	26439	0.512	ng/ul#	81
25) Dibenzo(a,h)anthracene	25.53	278	22225	0.542	ng/ul	91
26) Benzo(g,h,i)perylene	26.20	276	22208	0.443	ng/ul	97

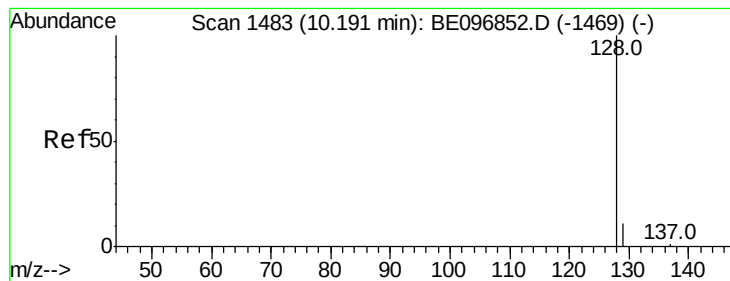
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

Instrument :

BNA_E

ClientSampleId :

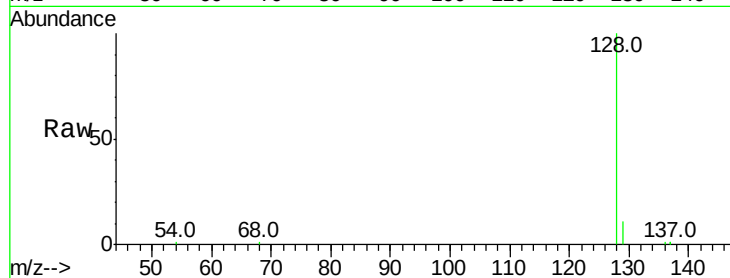
Tot Ion:128 Resp: 13239

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

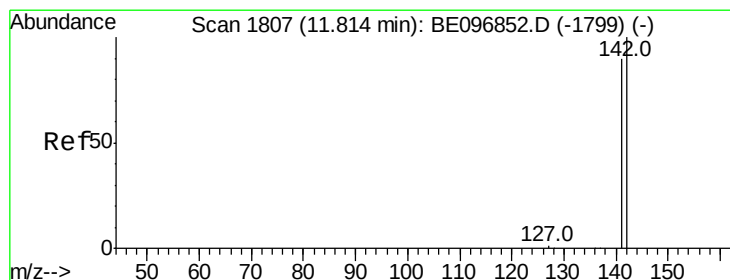
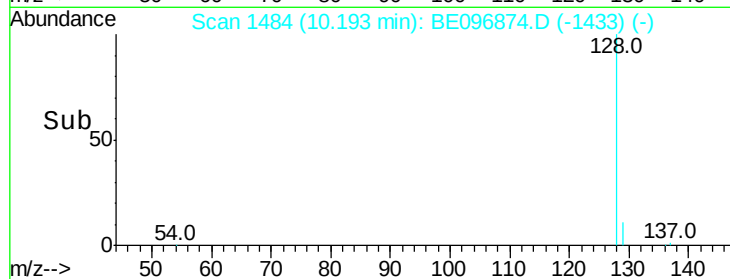
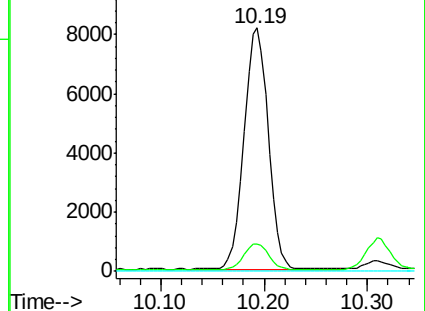
127 0.0 4.0 6.0#



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: 0.414 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096874.D

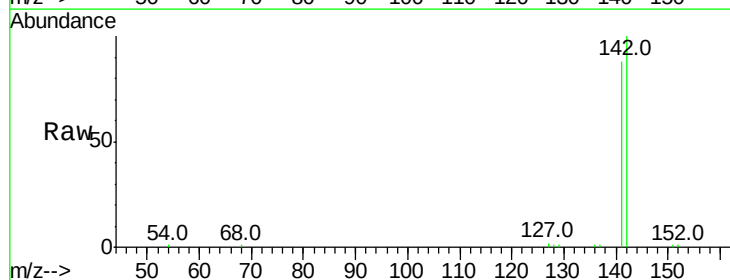
Acq: 7 Jul 2018 4:05

Tgt Ion:142 Resp: 9341

Ion Ratio Lower Upper

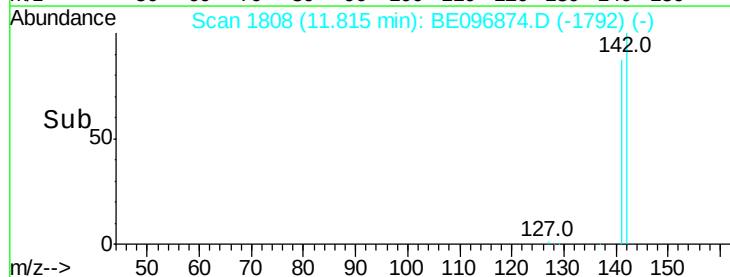
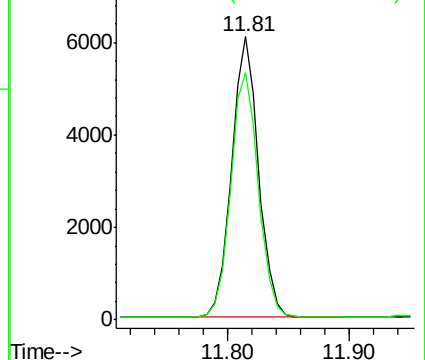
142 100

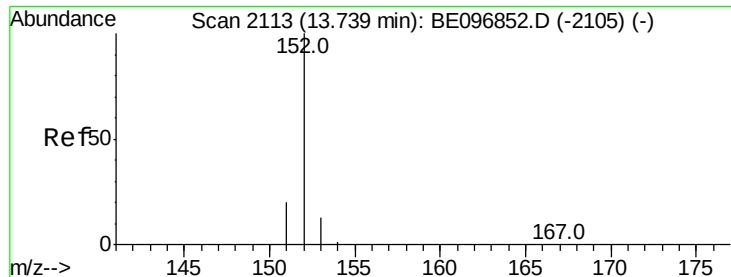
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.440 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

Instrument :

BNA_E

ClientSampleId :

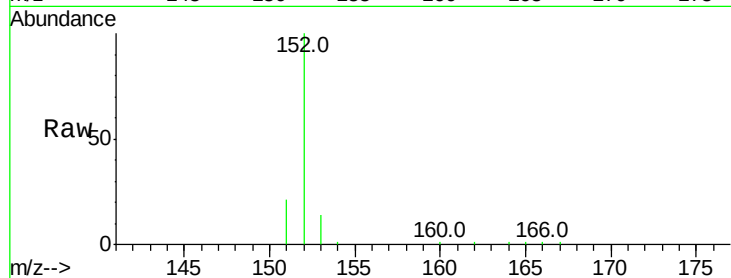
Tot Ion:152 Resp: 14157

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

153 13.6 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

12000

10000

8000

6000

4000

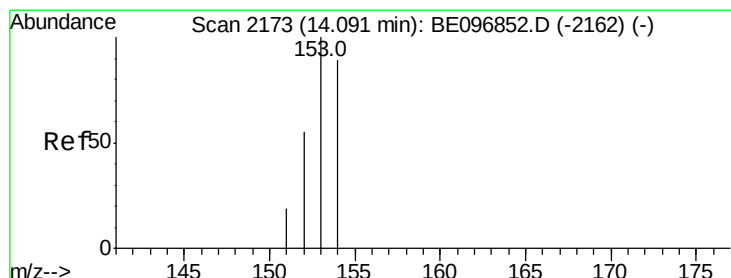
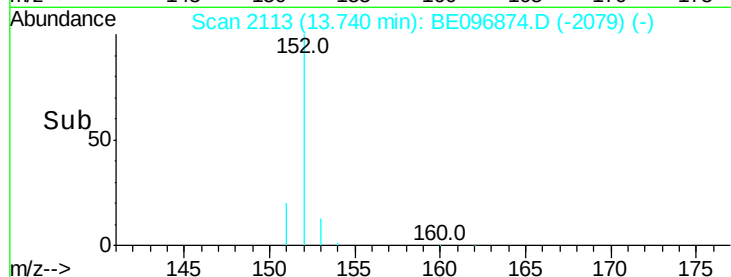
2000

0

13.74

13.70 13.80 13.90

Time-->



#8

Acenaphthene

Concen: 0.398 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

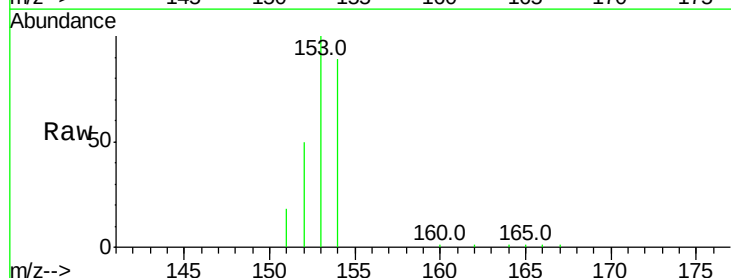
Tgt Ion:153 Resp: 10567

Ion Ratio Lower Upper

153 100

152 49.5 36.0 54.0

154 88.6 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

10000

8000

6000

4000

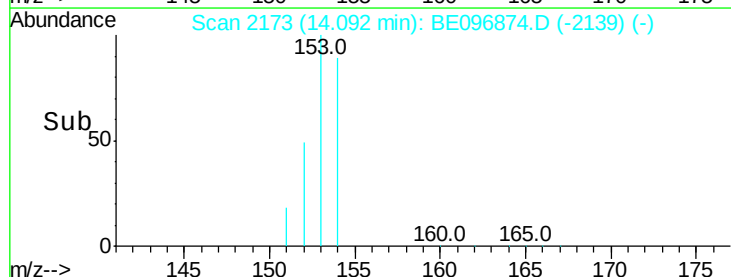
2000

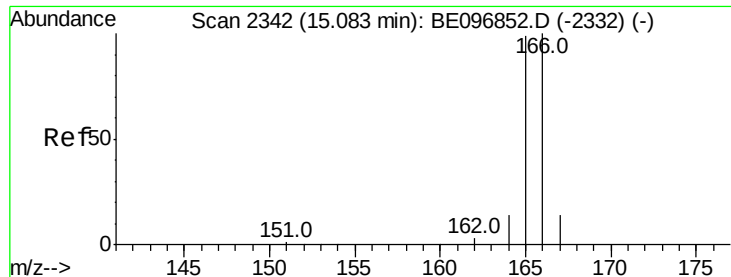
0

14.09

14.00 14.10 14.20

Time-->





#9

Fluorene

Concen: 0.412 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

Instrument :

BNA_E

ClientSampled :

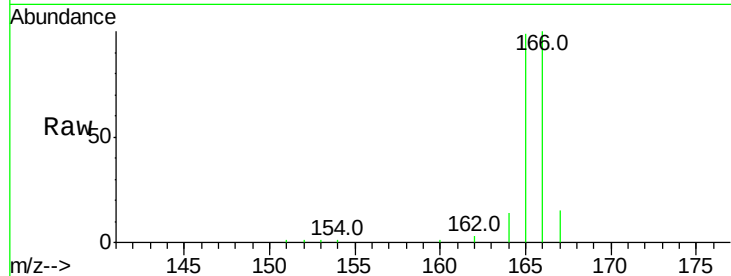
Tot Ion:166 Resp: 11285

Ion Ratio Lower Upper

166 100

165 99.5 73.4 110.2

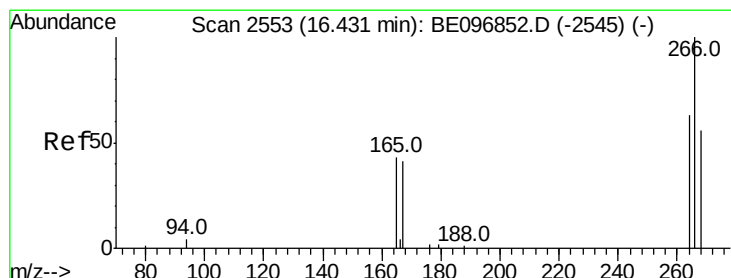
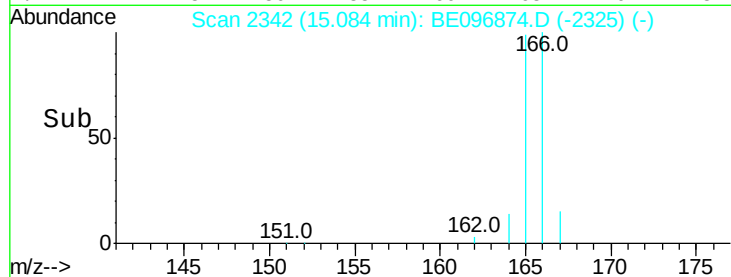
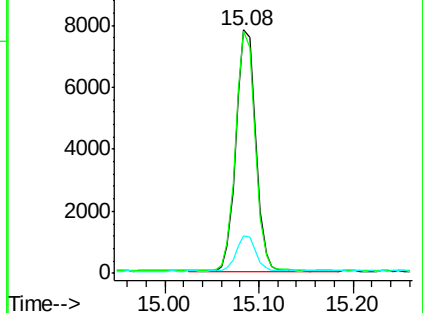
167 15.3 14.6 22.0



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: 1.178 ng/ul

RT: 16.43 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

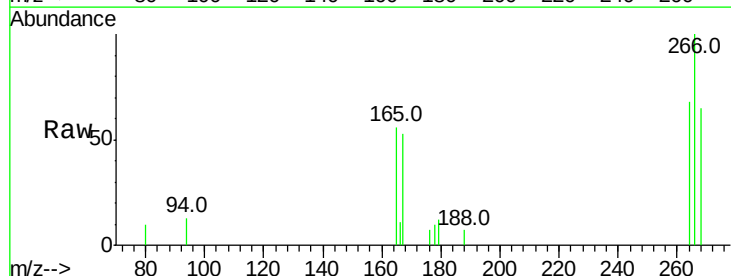
Tgt Ion:266 Resp: 1449

Ion Ratio Lower Upper

266 100

264 63.8 47.9 71.9

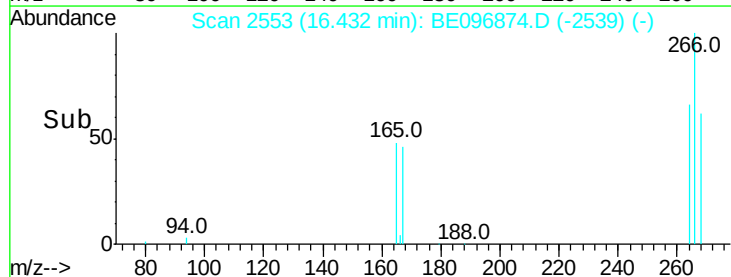
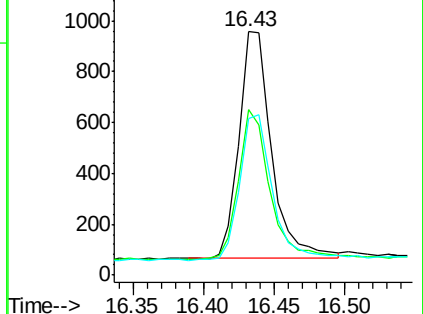
268 64.7 49.8 74.8

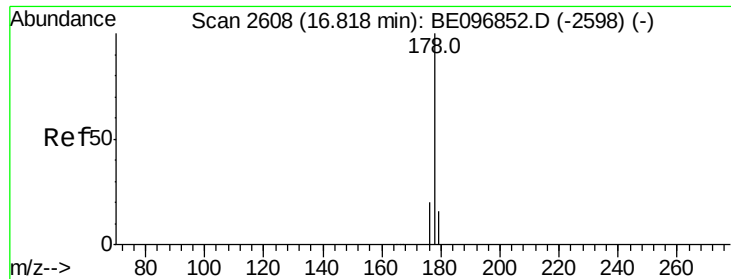


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

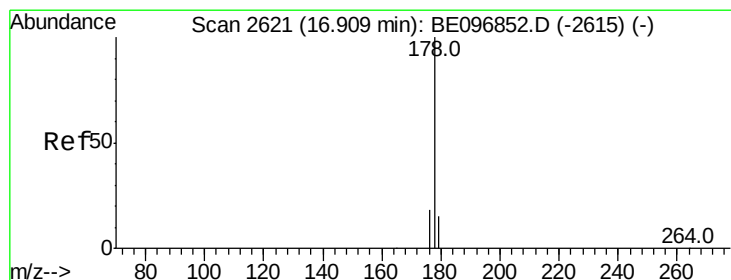
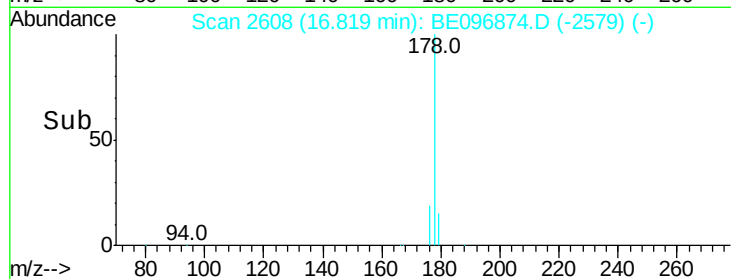
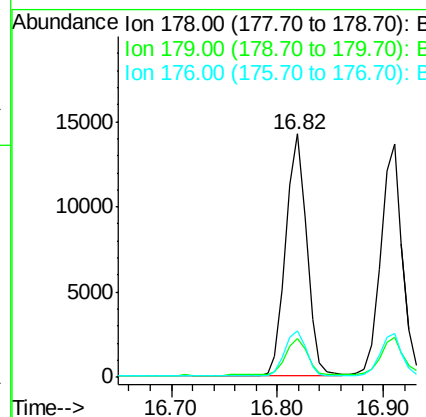
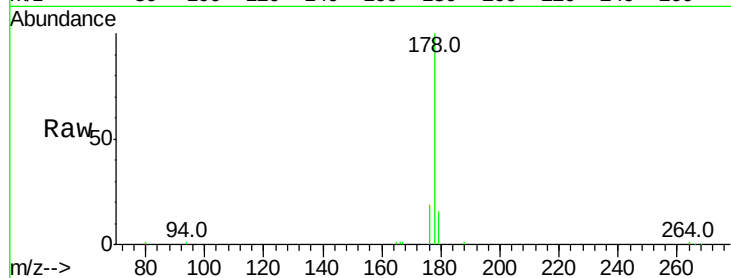




#12
Phenanthrene
Concen: 0.397 ng/ul
RT: 16.82 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

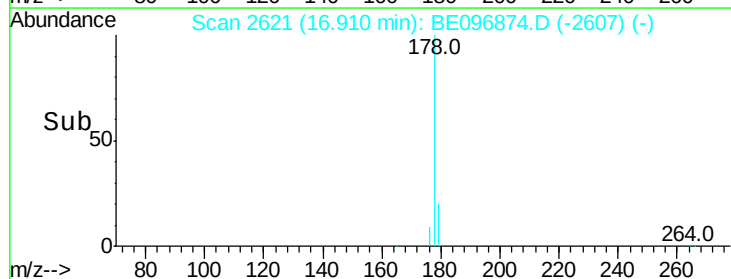
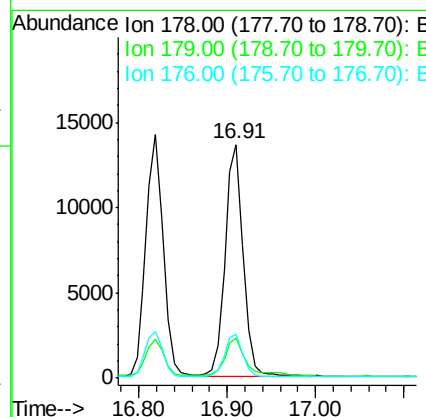
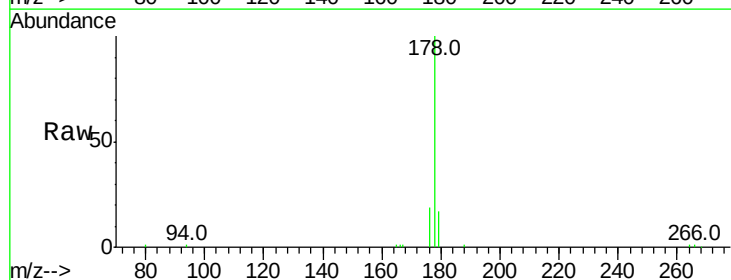
Instrument :
BNA_E
ClientSampleId :

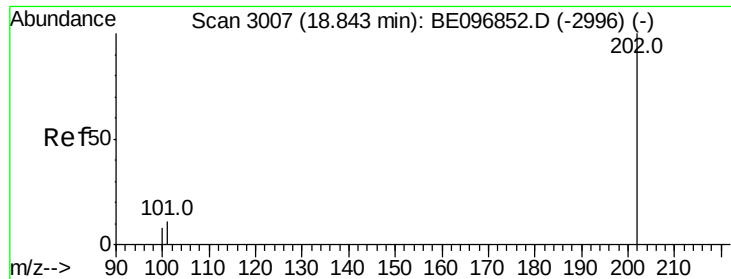
Tot Ion:178 Resp: 19217
Ion Ratio Lower Upper
178 100
179 16.0 18.4 27.6#
176 19.2 13.6 20.4



#13
Anthracene
Concen: 0.469 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

Tgt Ion:178 Resp: 19301
Ion Ratio Lower Upper
178 100
179 17.0 18.1 27.1#
176 18.6 14.7 22.1





#15

Fluoranthene

Concen: 0.444 ng/ul

RT: 18.85 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

Instrument :

BNA_E

ClientSampleId :

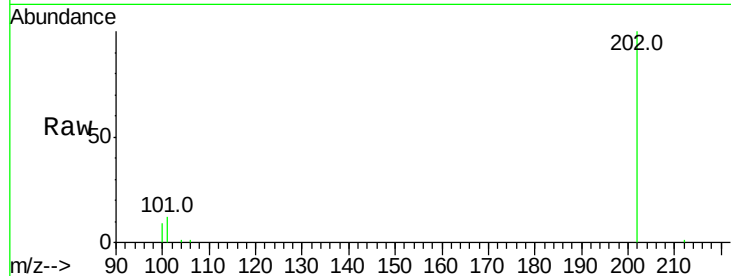
Tot Ion:202 Resp: 22915

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

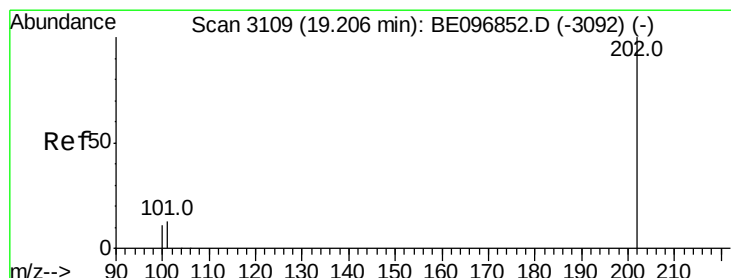
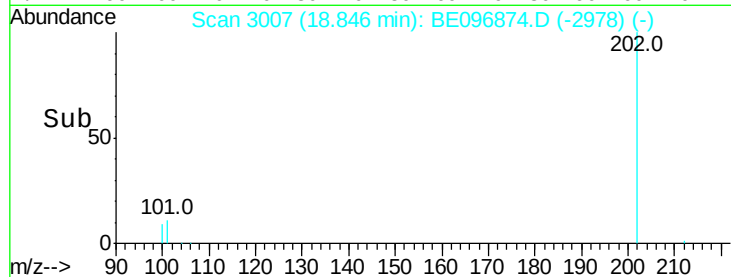
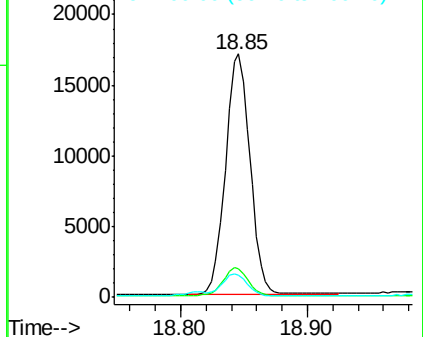
100 9.2 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE



#17

Pyrene

Concen: 0.359 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

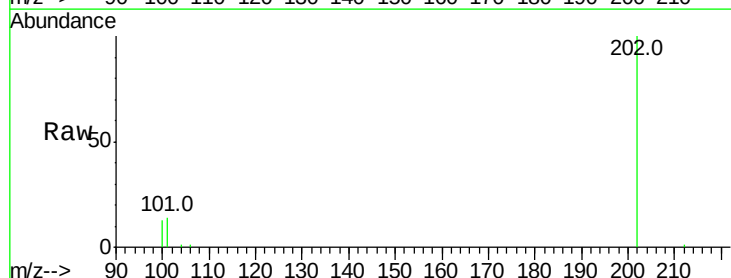
Tgt Ion:202 Resp: 23948

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

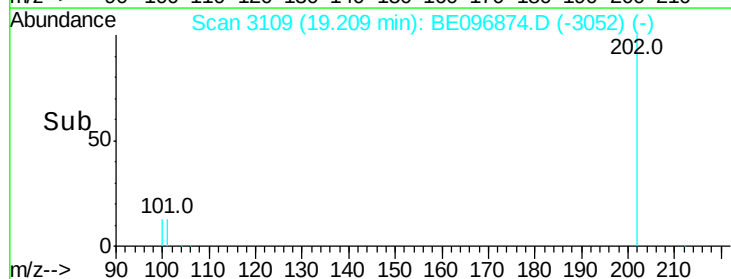
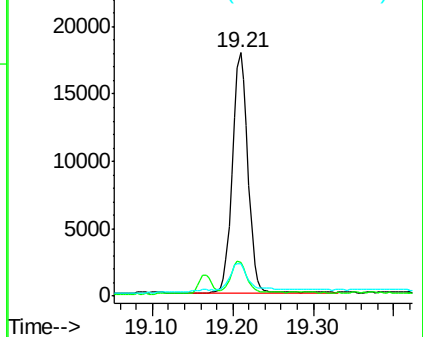
100 13.5 15.6 23.4#

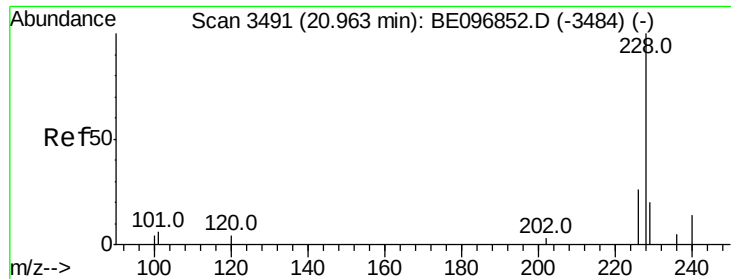


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

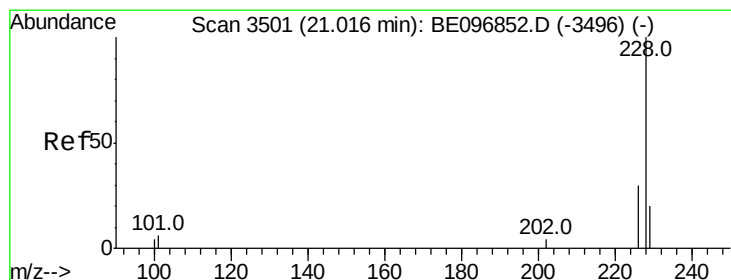
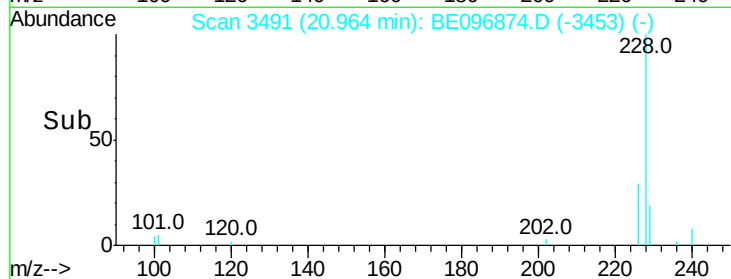
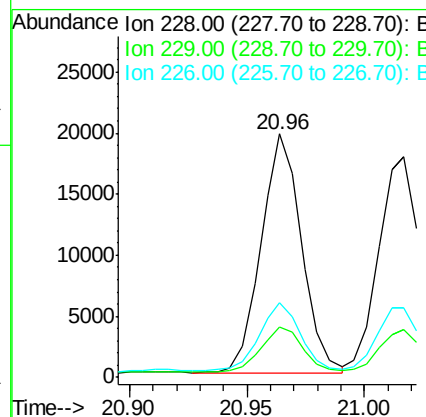
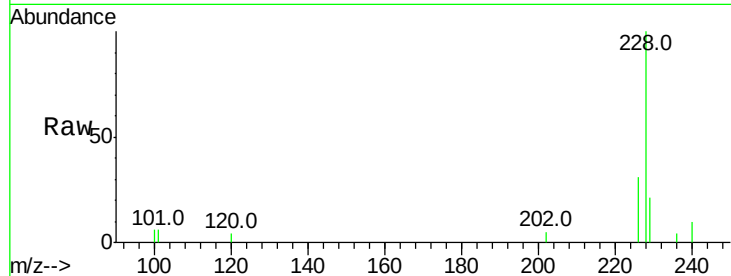




#18
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

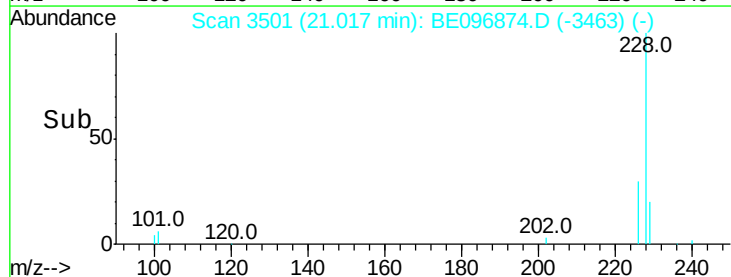
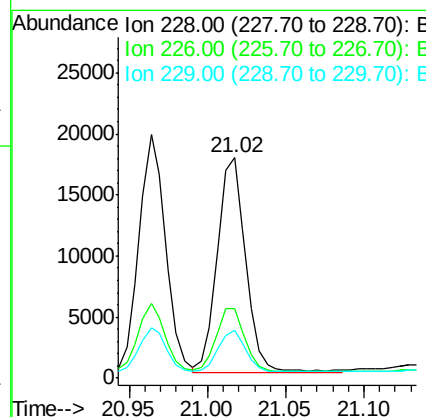
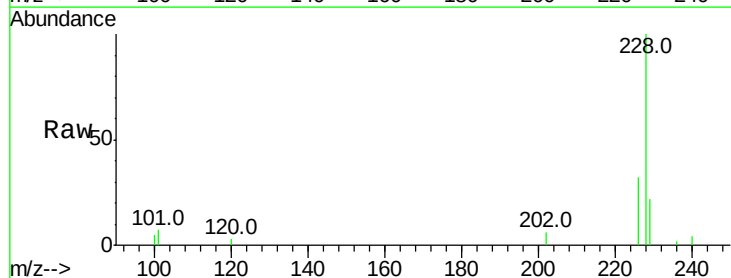
Instrument :
BNA_E
ClientSampled :

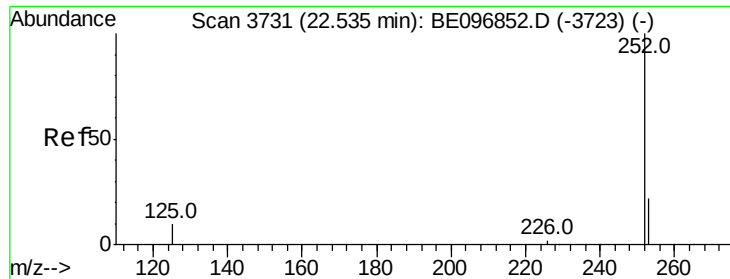
Tot Ion:228 Resp: 23322
Ion Ratio Lower Upper
228 100
229 20.8 22.8 34.2#
226 30.9 17.0 25.6#



#19
Chrysene
Concen: 0.362 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

Tgt Ion:228 Resp: 22517
Ion Ratio Lower Upper
228 100
226 31.7 23.4 35.0
229 22.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.422 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

Instrument :

BNA_E

ClientSampleId :

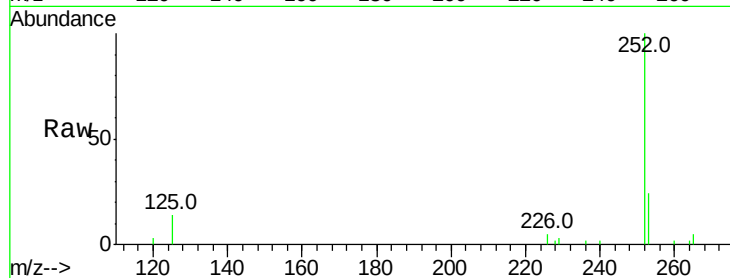
Tot Ion:252 Resp: 24844

Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

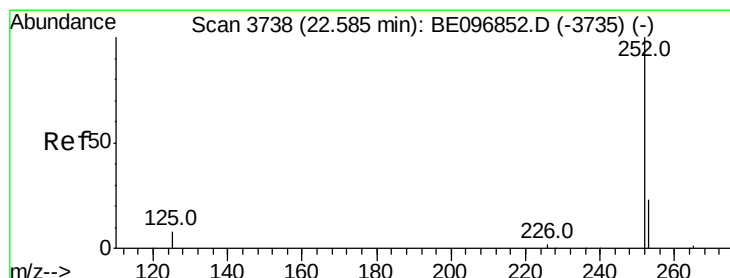
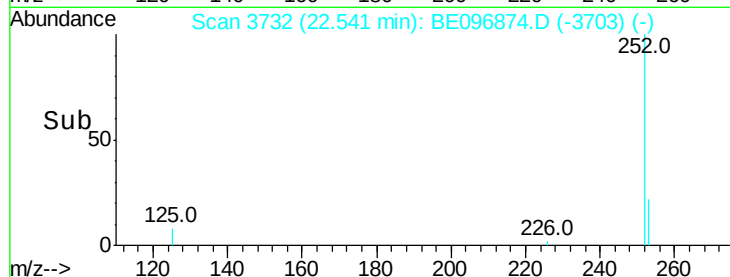
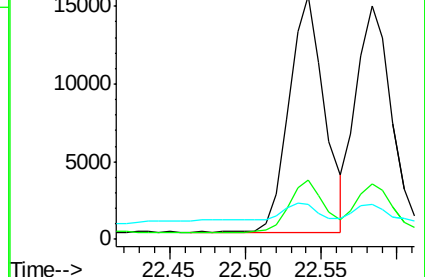
125 14.2 0.0 35.0



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: 0.367 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE096874.D

Acq: 7 Jul 2018 4:05

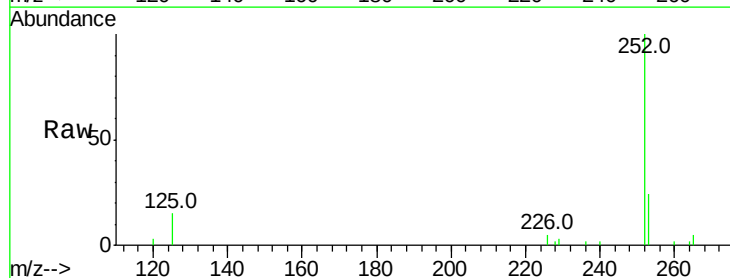
Tgt Ion:252 Resp: 23589

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

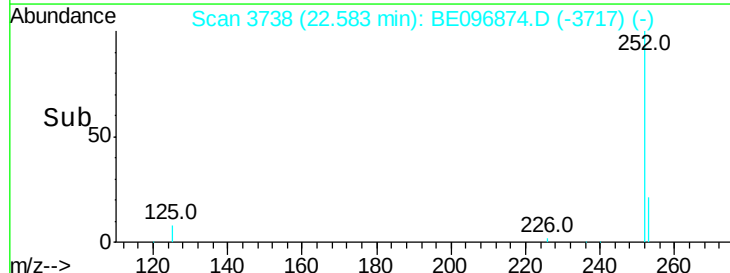
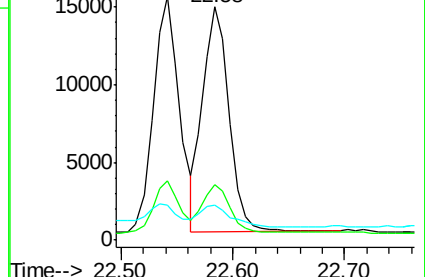
125 15.1 13.7 20.5

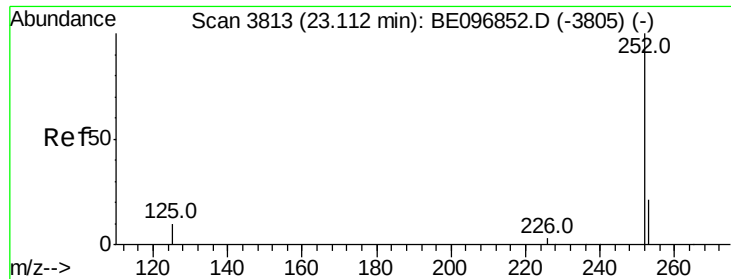


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

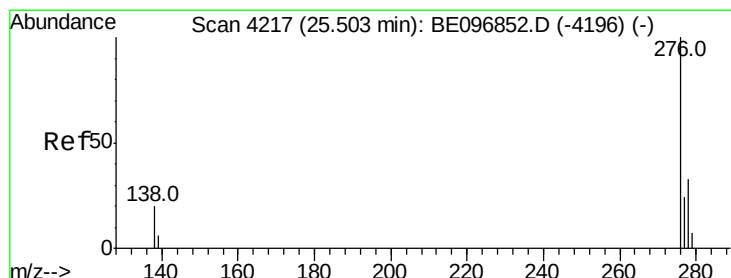
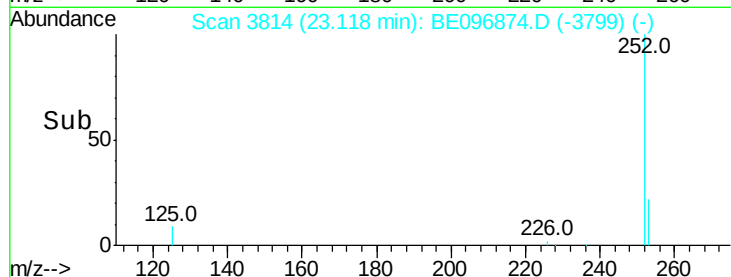
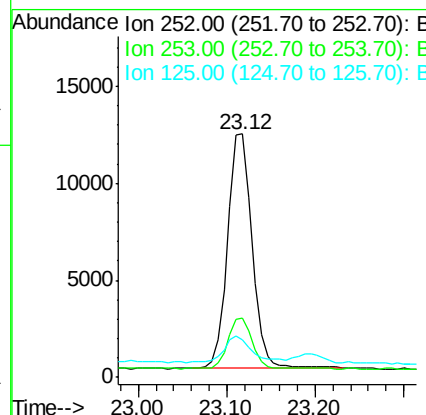
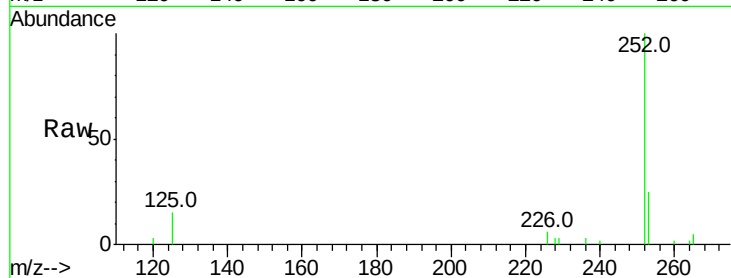




#23
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

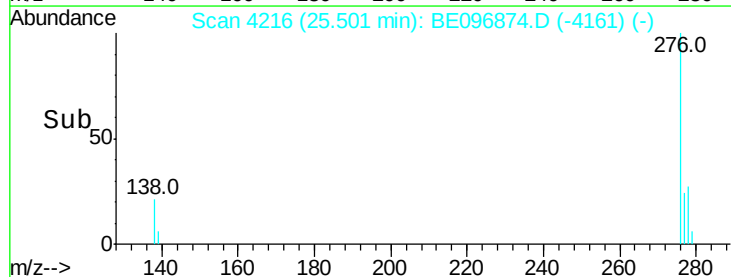
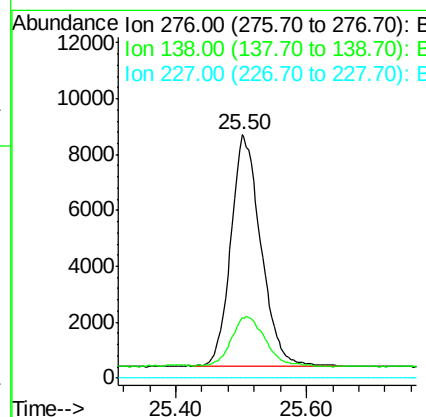
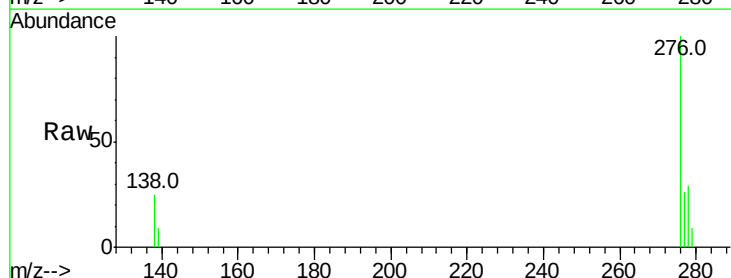
Instrument :
BNA_E
ClientSampleId :

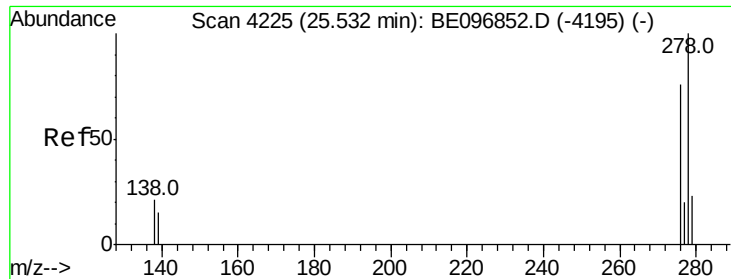
Tot Ion:252 Resp: 23371
Ion Ratio Lower Upper
252 100
253 24.6 28.5 42.7#
125 15.3 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

Tgt Ion:276 Resp: 26439
Ion Ratio Lower Upper
276 100
138 25.3 28.0 42.0#
227 0.0 8.0 12.0#

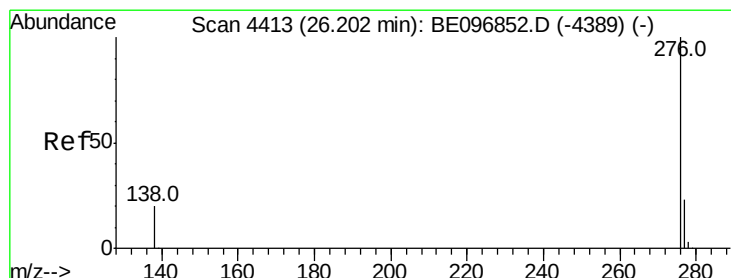
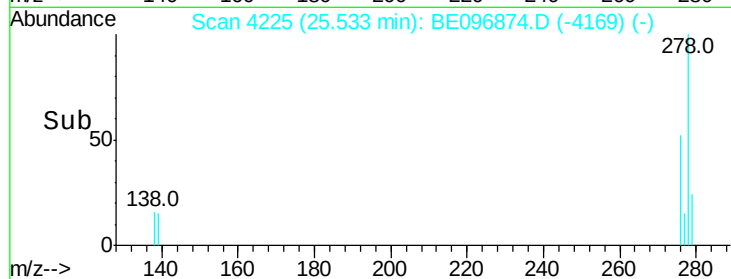
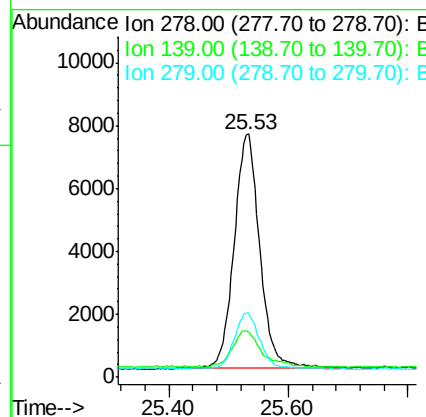
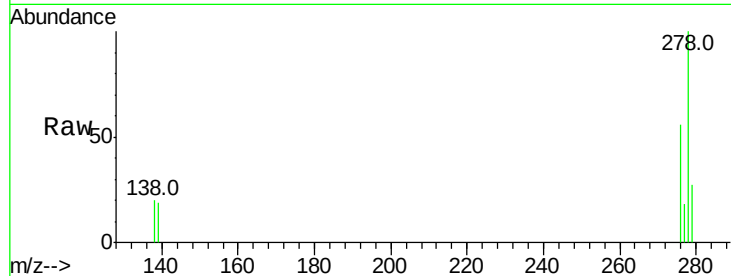




#25
Dibenzo(a,h)anthracene
Concen: 0.542 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 22225
Ion Ratio Lower Upper
278 100
139 18.6 17.4 26.0
279 26.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BE096874.D
Acq: 7 Jul 2018 4:05

Tgt Ion:276 Resp: 22208
Ion Ratio Lower Upper
276 100
138 25.0 21.8 32.8
277 26.7 20.5 30.7

