

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096074.D
 Acq On : 21 Apr 2018 11:21
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.446

Quant Time: Apr 23 01:10:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

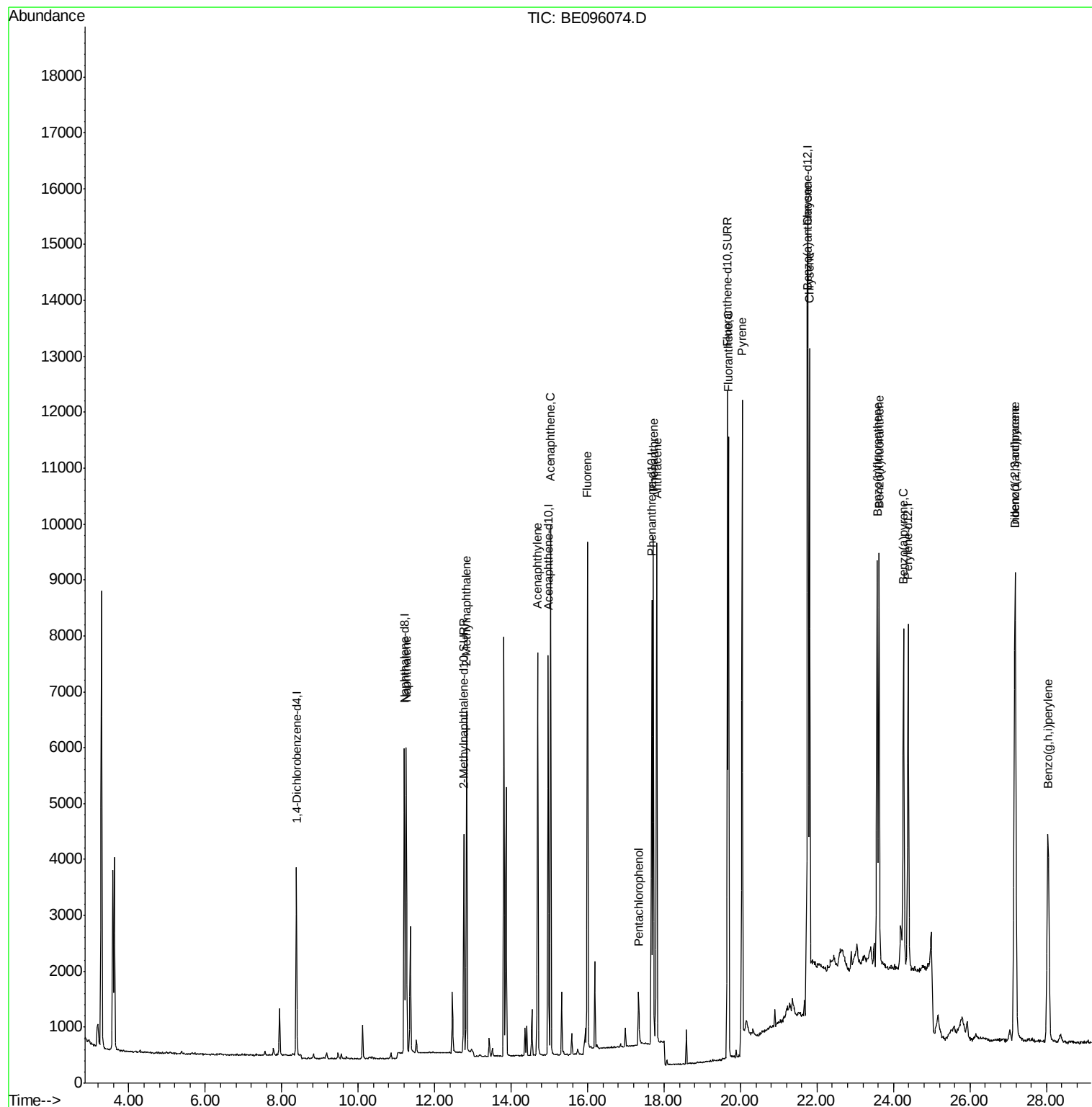
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2458	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	7196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3994	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	9080	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	11006	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	4953	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	12858	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	7384	0.367	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	5112	0.375	ng/ul	99
7) Acenaphthylene	14.70	152	7735	0.374	ng/ul	96
8) Acenaphthene	15.03	153	5485	0.369	ng/ul	96
9) Fluorene	15.99	166	6088	0.363	ng/ul#	90
11) Pentachlorophenol	17.34	266	527	0.274	ng/ul	95
12) Phenanthrene	17.72	178	9719	0.363	ng/ul#	89
13) Anthracene	17.81	178	9808	0.368	ng/ul#	91
15) Fluoranthene	19.68	202	12376	0.340	ng/ul	84
17) Pyrene	20.04	202	12860	0.344	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	15556	0.350	ng/ul#	86
19) Chrysene	21.81	228	10710	0.335	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	10406	0.361	ng/ul	88
22) Benzo(k)fluoranthene	23.62	252	10542	0.367	ng/ul#	89
23) Benzo(a)pyrene	24.26	252	10064	0.362	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.18	276	11693	0.378	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.19	278	9368	0.376	ng/ul	92
26) Benzo(g,h,i)perylene	28.04	276	9573	0.371	ng/ul	94

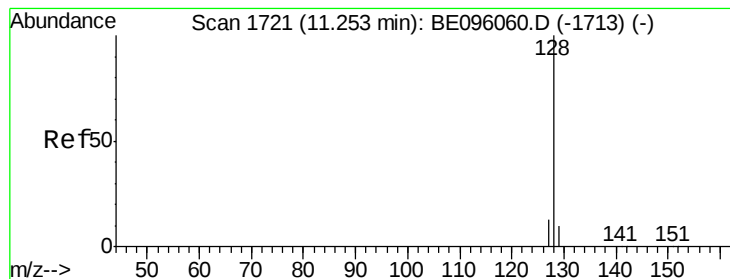
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096074.D
Acq On : 21 Apr 2018 11:21
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Quant Time: Apr 23 01:10:46 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.367 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

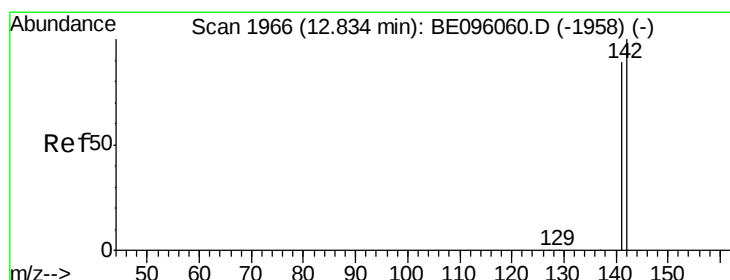
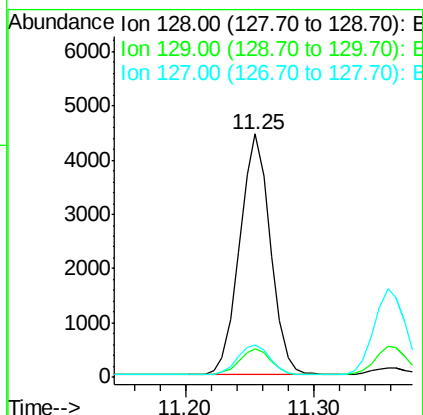
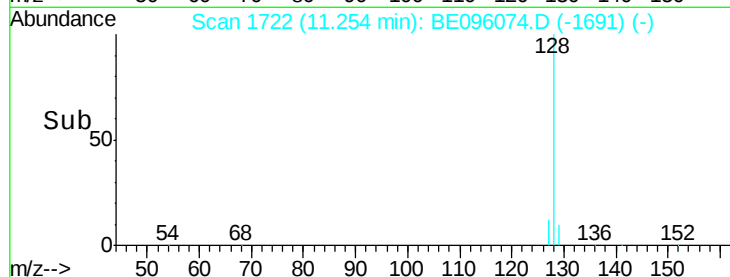
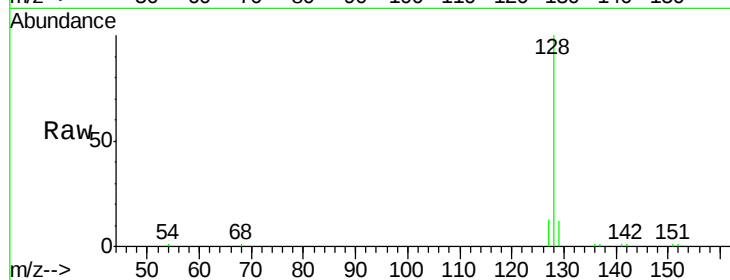
Tot Ion:128 Resp: 7384

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 13.3 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096074.D

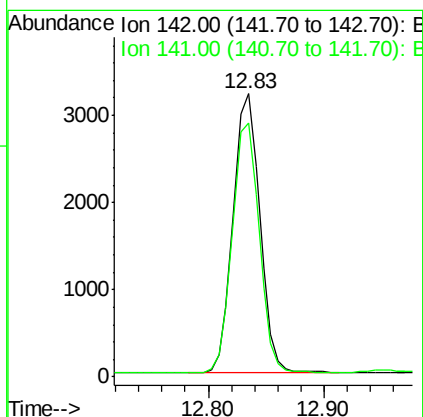
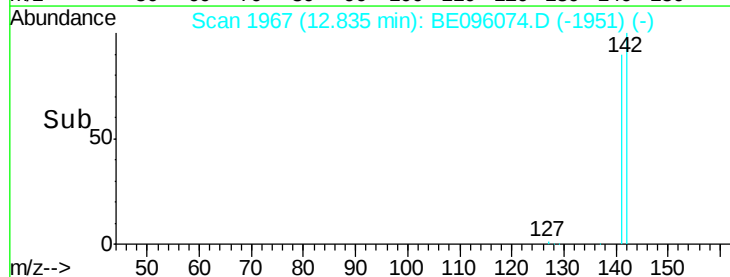
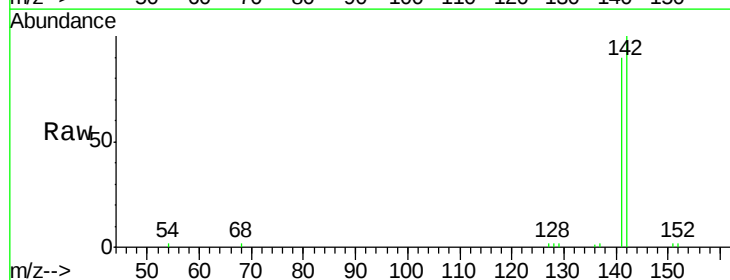
Acq: 21 Apr 2018 11:21

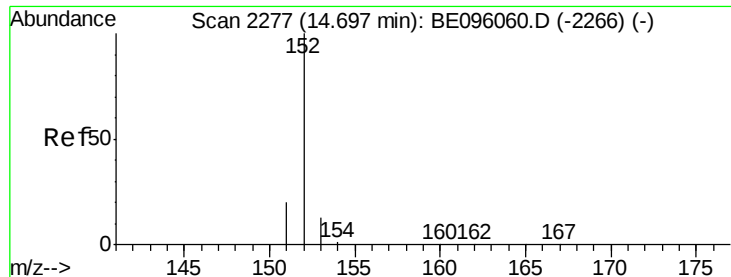
Tgt Ion:142 Resp: 5112

Ion Ratio Lower Upper

142 100

141 90.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.374 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

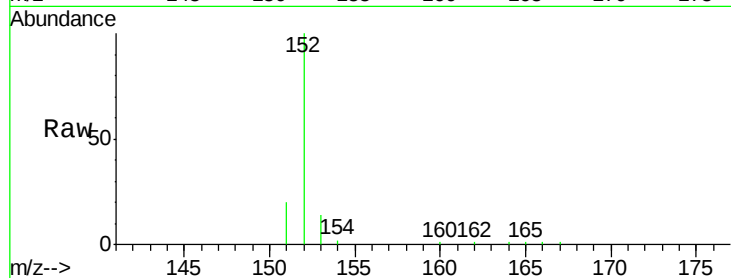
Tot Ion:152 Resp: 7735

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

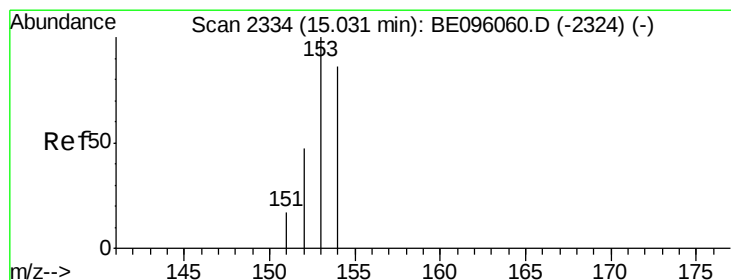
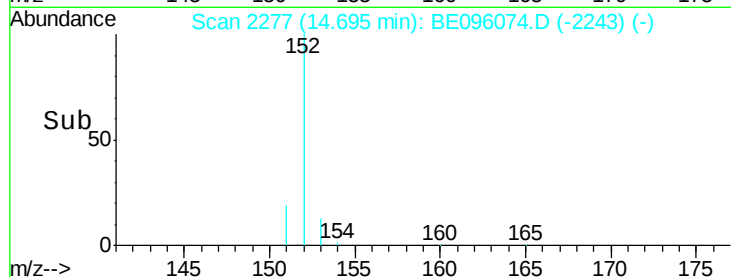
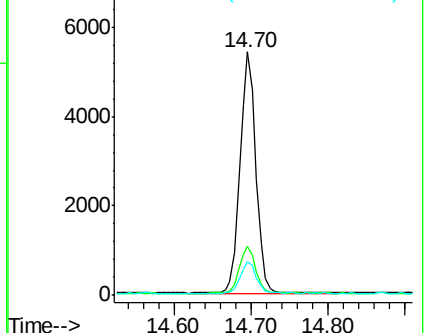
153 13.8 12.8 19.2



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: 0.369 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

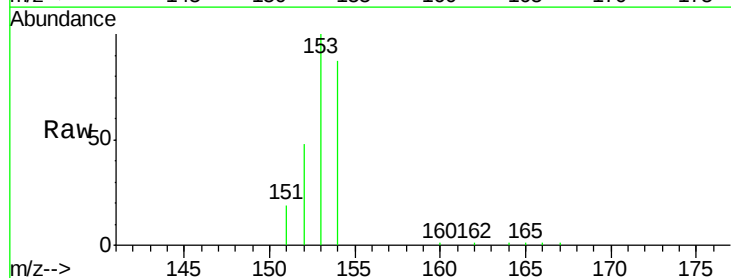
Tgt Ion:153 Resp: 5485

Ion Ratio Lower Upper

153 100

152 48.5 36.0 54.0

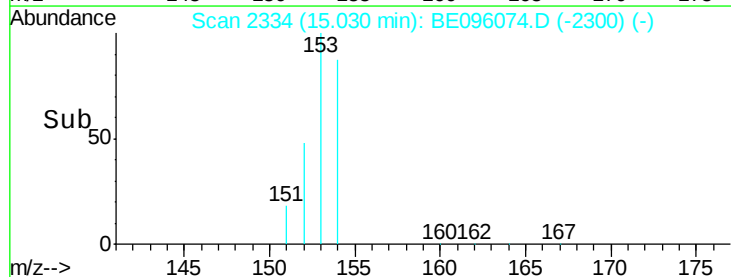
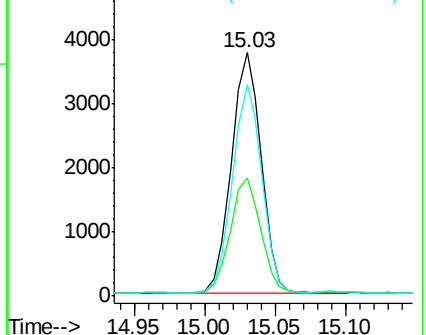
154 86.7 72.0 108.0

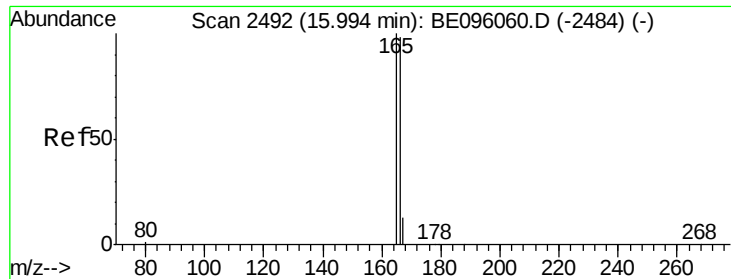


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.363 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

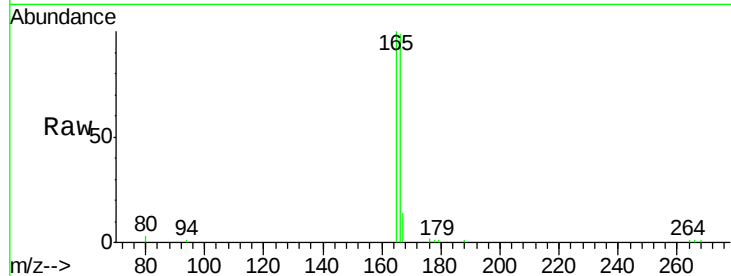
Tot Ion:166 Resp: 6088

Ion Ratio Lower Upper

166 100

165 100.9 73.4 110.2

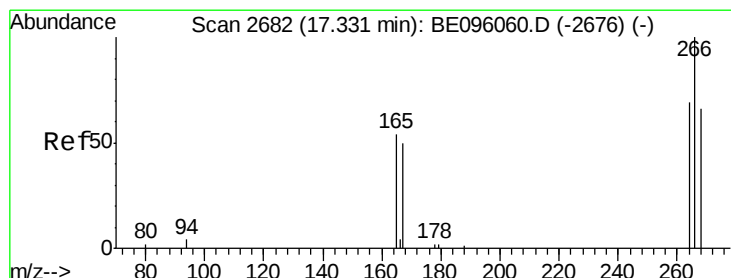
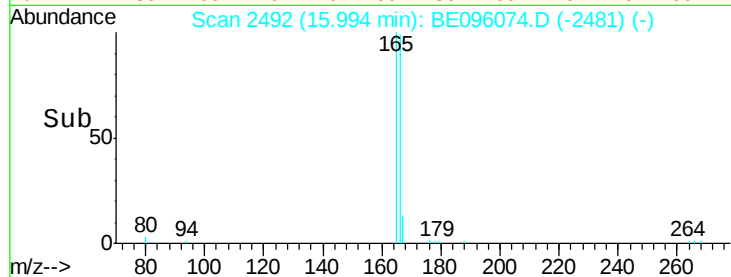
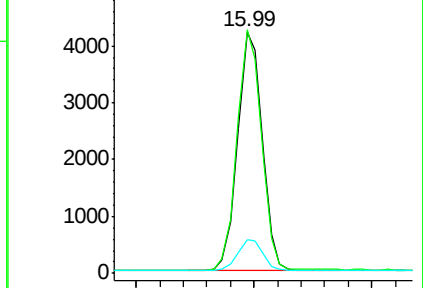
167 13.9 14.6 22.0#



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: 0.274 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.01 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

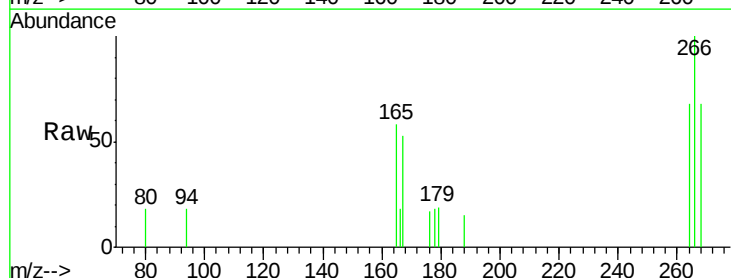
Tgt Ion:266 Resp: 527

Ion Ratio Lower Upper

266 100

264 63.6 47.9 71.9

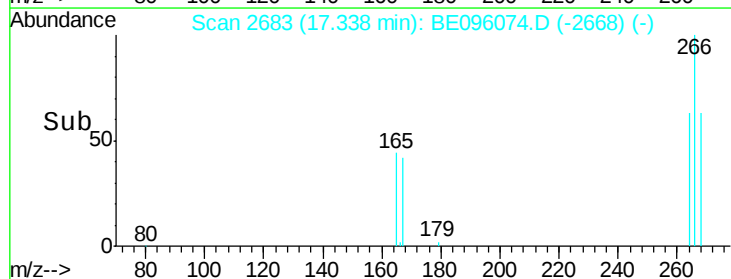
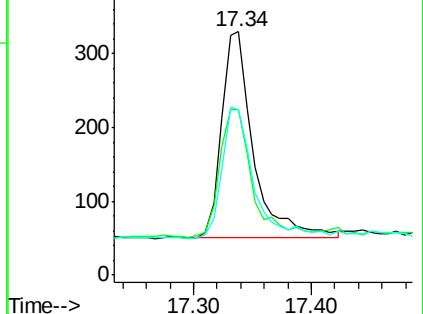
268 66.4 49.8 74.8

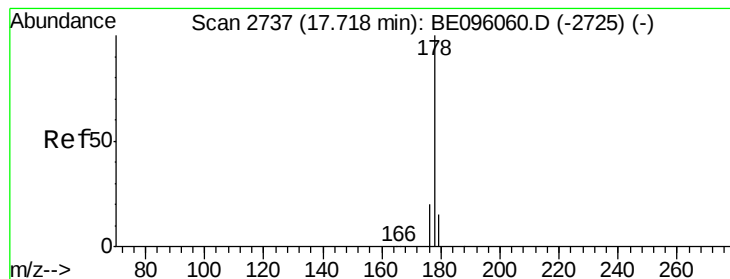


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.72 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

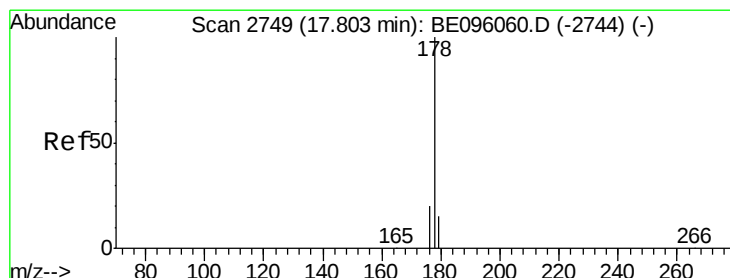
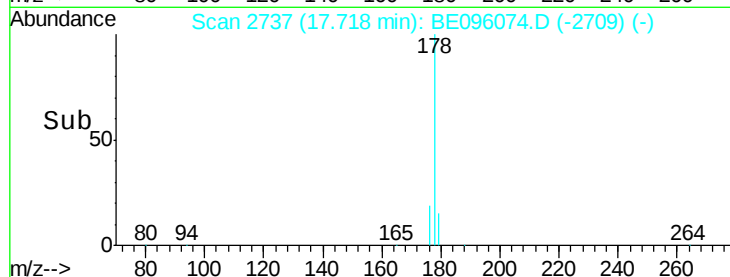
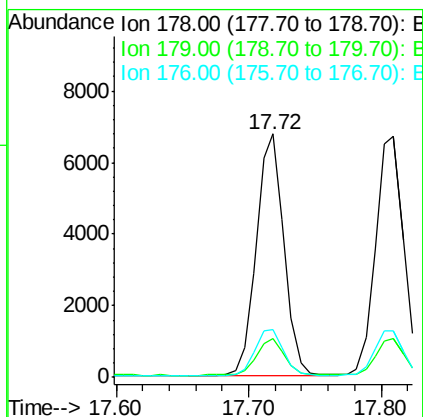
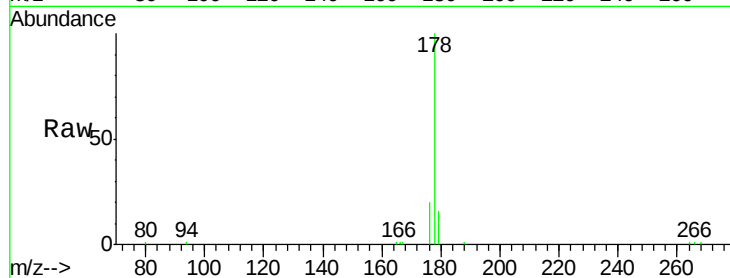
Tot Ion:178 Resp: 9719

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 0.368 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

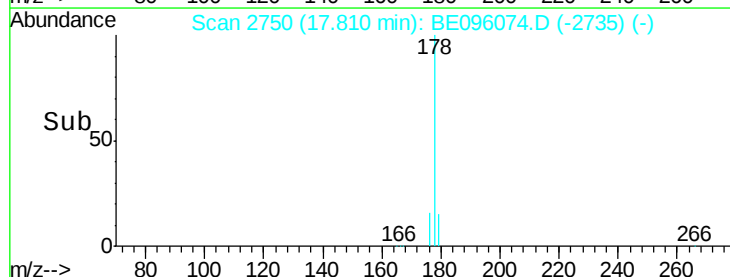
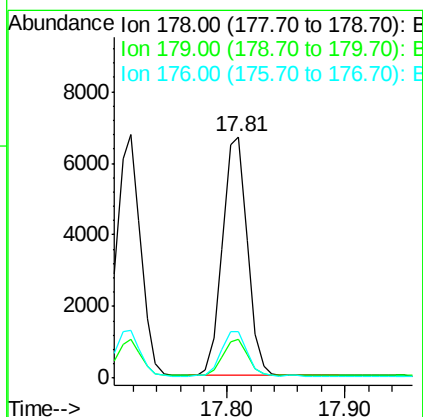
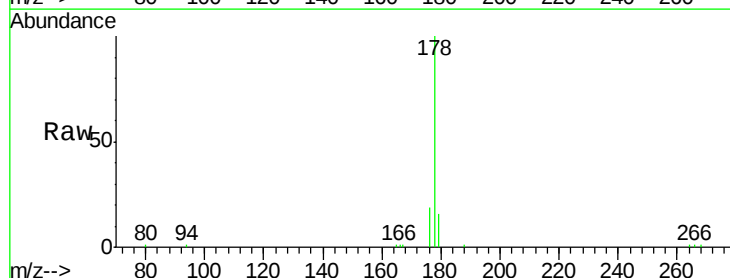
Tgt Ion:178 Resp: 9808

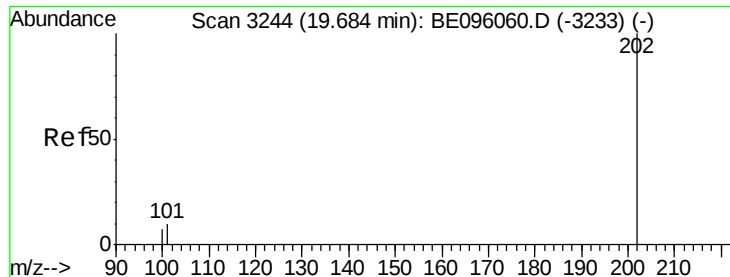
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 19.3 14.7 22.1





#15

Fluoranthene

Concen: 0.340 ng/ul

RT: 19.68 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

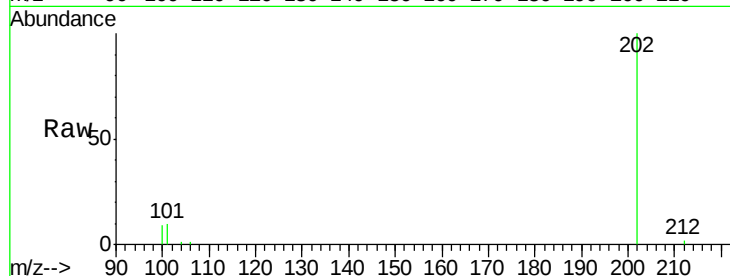
Tot Ion:202 Resp: 12376

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

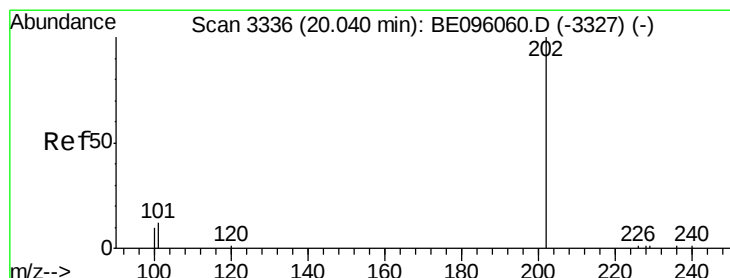
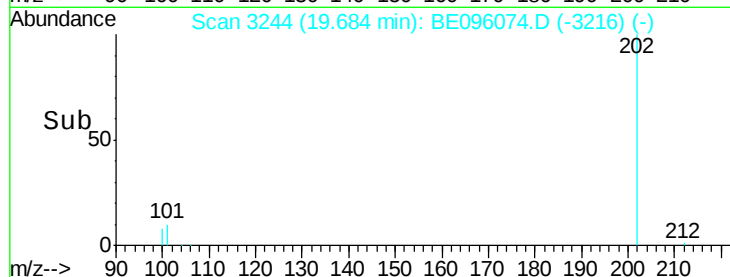
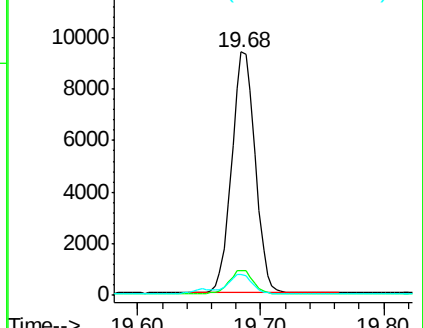
100 8.7 0.0 39.5



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: 0.344 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

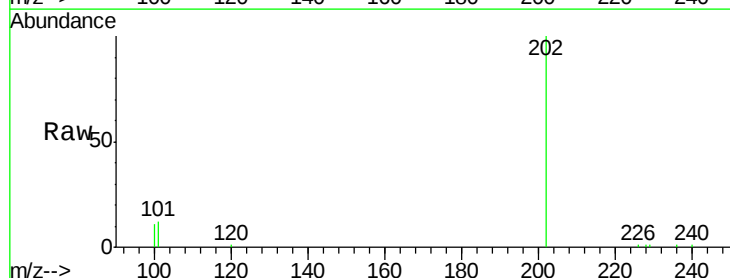
Tgt Ion:202 Resp: 12860

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

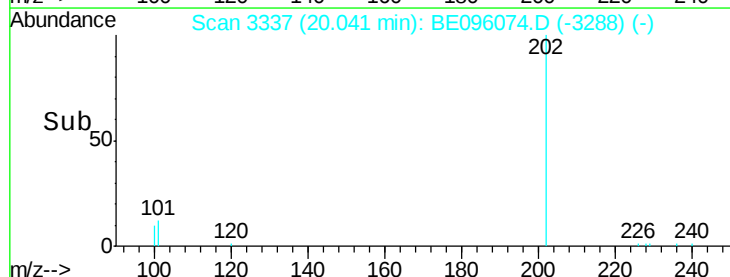
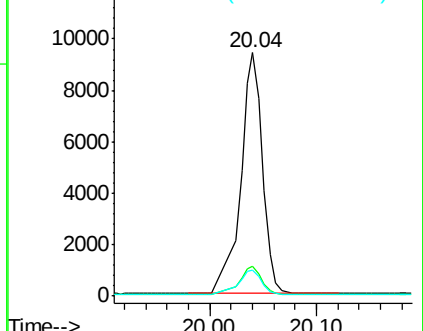
100 10.9 15.6 23.4#

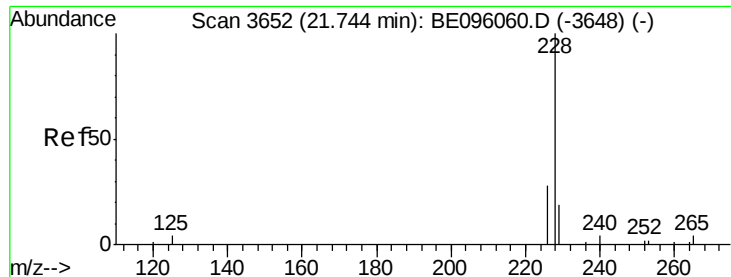


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.350 ng/ul

RT: 21.75 min Scan# 3654

Delta R.T. 0.01 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

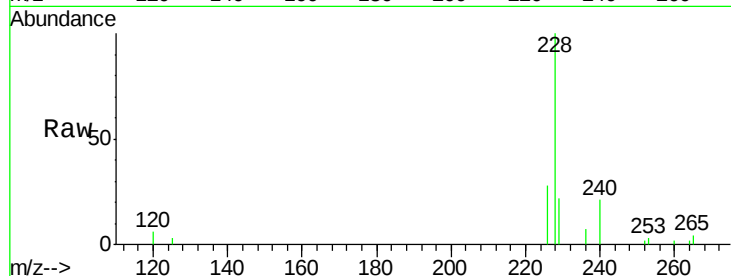
Tot Ion:228 Resp: 15556

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

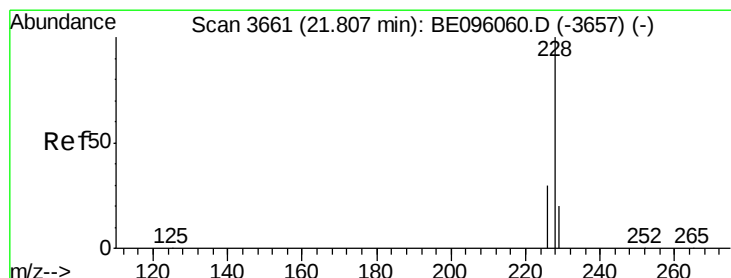
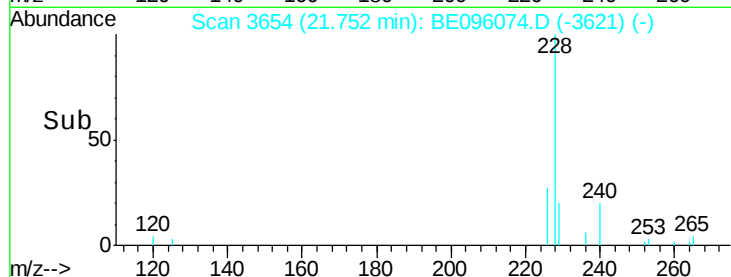
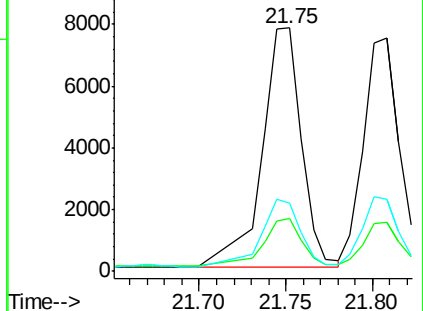
226 28.2 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.335 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

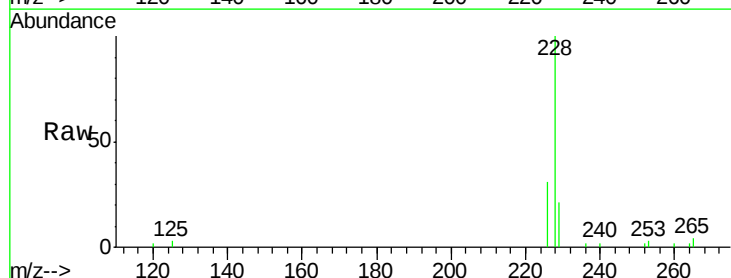
Tgt Ion:228 Resp: 10710

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

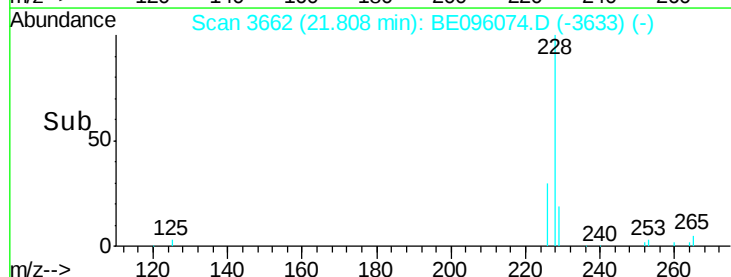
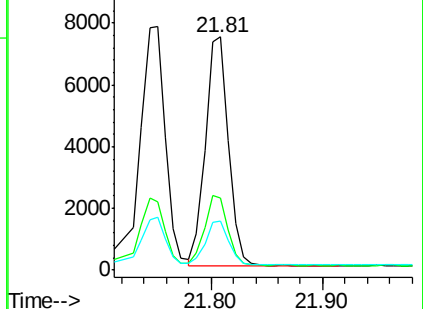
229 21.0 17.7 26.5

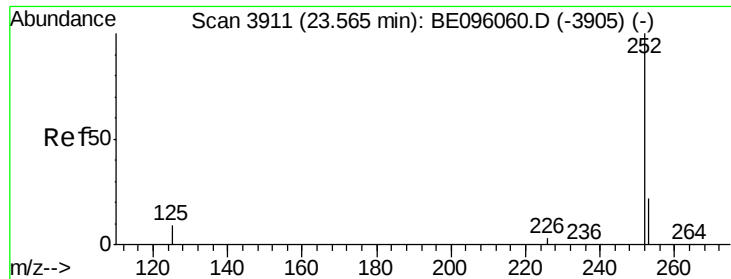


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.361 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

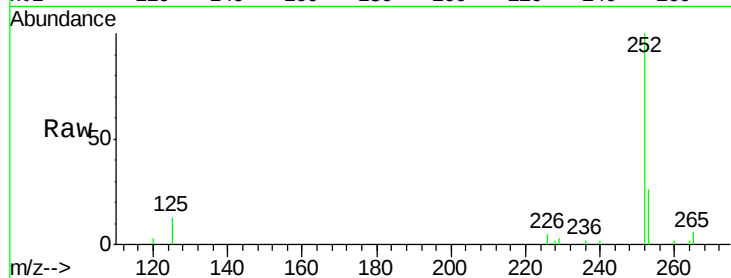
Tot Ion:252 Resp: 10406

Ion Ratio Lower Upper

252 100

253 25.5 0.0 64.2

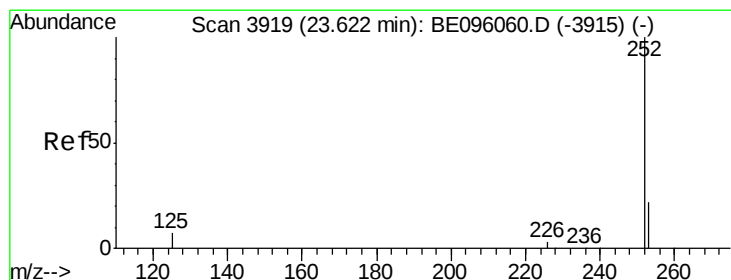
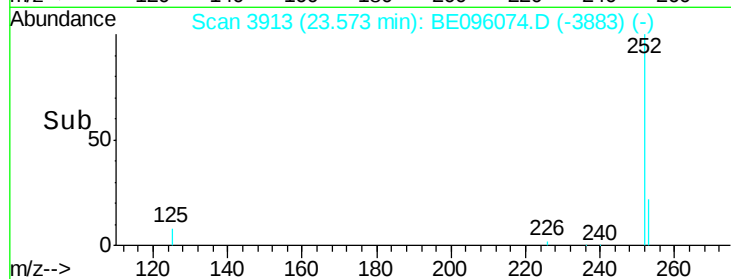
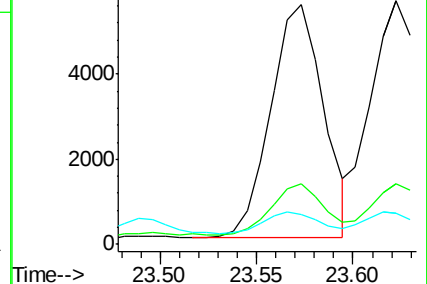
125 12.6 0.0 35.0



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: 23.62 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

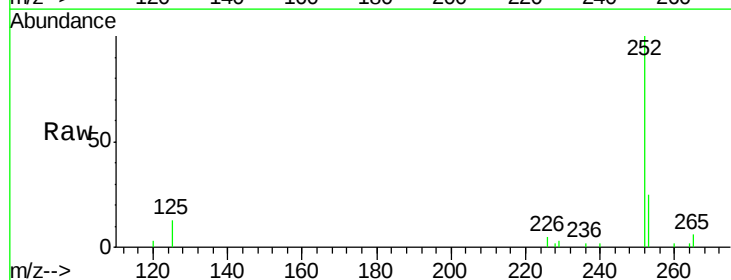
Tgt Ion:252 Resp: 10542

Ion Ratio Lower Upper

252 100

253 24.7 24.5 36.7

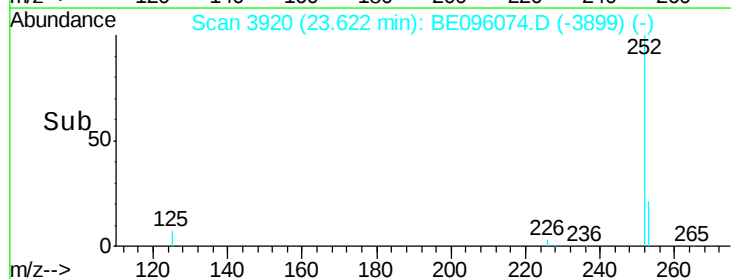
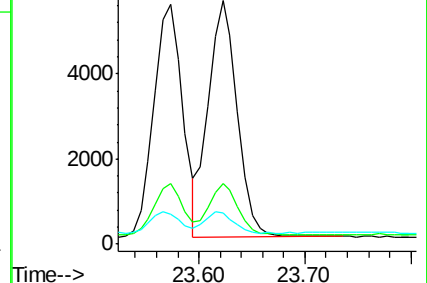
125 12.8 13.7 20.5#

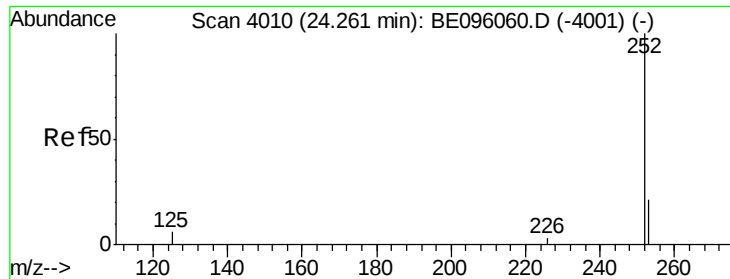


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 24.26 min Scan# 4011

Delta R.T. 0.00 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

Instrument :

BNA_E

ClientSampleId :

SSTD0.446

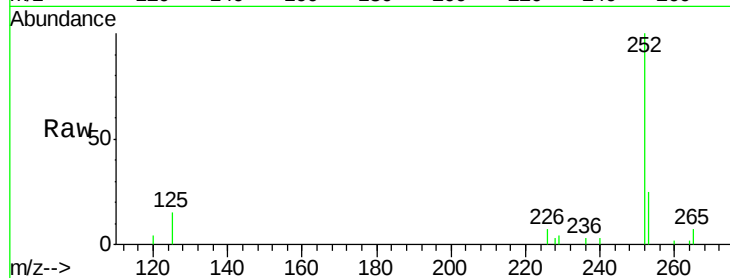
Tot Ion:252 Resp: 10064

Ion Ratio Lower Upper

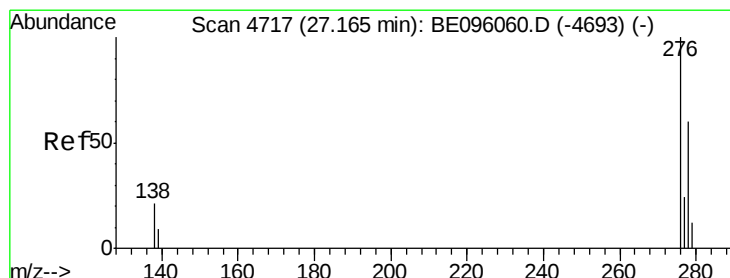
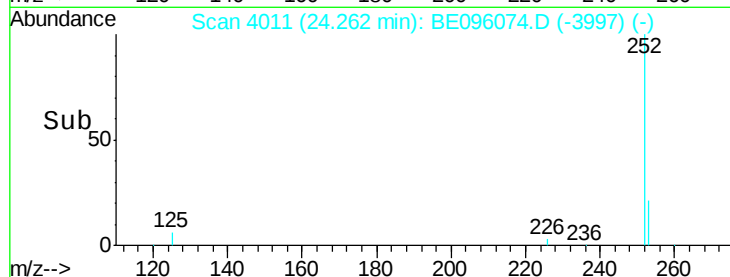
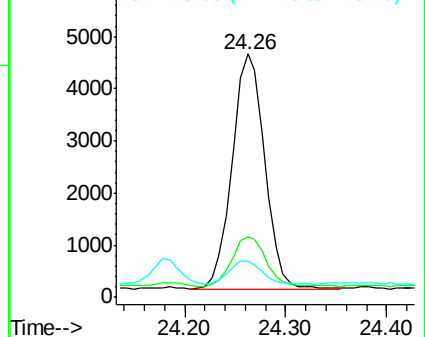
252 100

253 25.0 28.5 42.7#

125 15.0 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: 0.378 ng/ul

RT: 27.18 min Scan# 4721

Delta R.T. 0.01 min

Lab File: BE096074.D

Acq: 21 Apr 2018 11:21

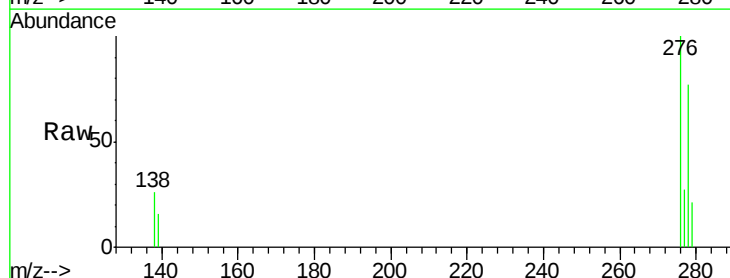
Tgt Ion:276 Resp: 11693

Ion Ratio Lower Upper

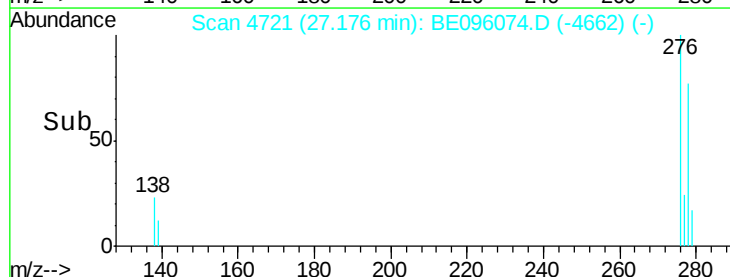
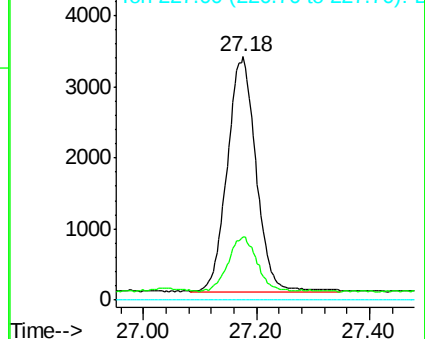
276 100

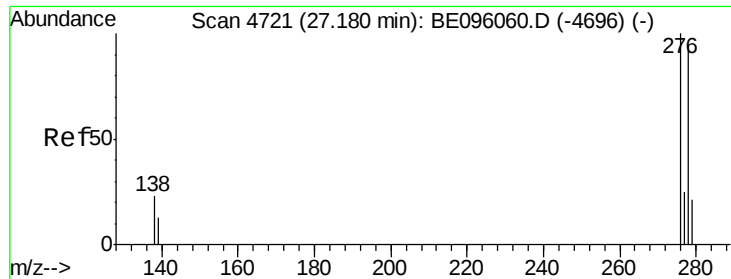
138 23.4 28.0 42.0#

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

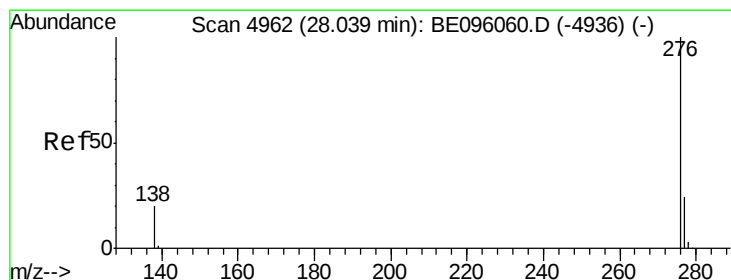
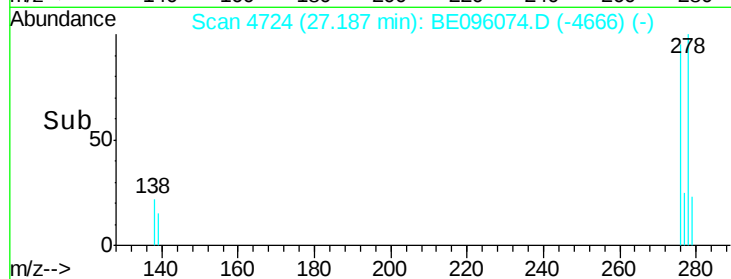
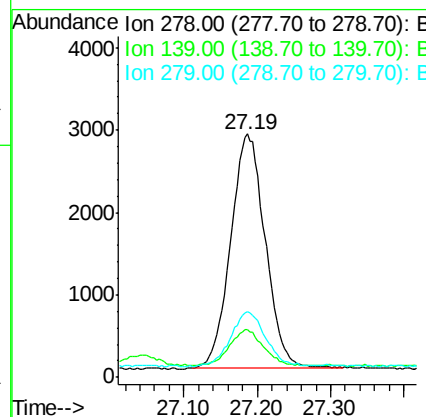
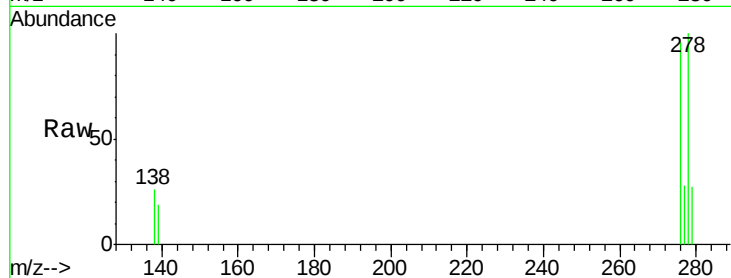




#25
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 27.19 min Scan# 4724
Delta R.T. 0.01 min
Lab File: BE096074.D
Acq: 21 Apr 2018 11:21

Instrument :
BNA_E
ClientSampleId :
SSTD0.446

Tot Ion:278 Resp: 9368
Ion Ratio Lower Upper
278 100
139 19.4 17.4 26.0
279 27.2 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 28.04 min Scan# 4964
Delta R.T. 0.00 min
Lab File: BE096074.D
Acq: 21 Apr 2018 11:21

Tgt Ion:276 Resp: 9573
Ion Ratio Lower Upper
276 100
138 23.2 21.8 32.8
277 27.7 20.5 30.7

