

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
 Data File : BE095753.D
 Acq On : 13 Mar 2018 17:00
 Operator : SJ/JU
 Sample : SSTD3.214
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 17:36:10 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 13 16:24:15 2018
 Response via : Initial Calibration

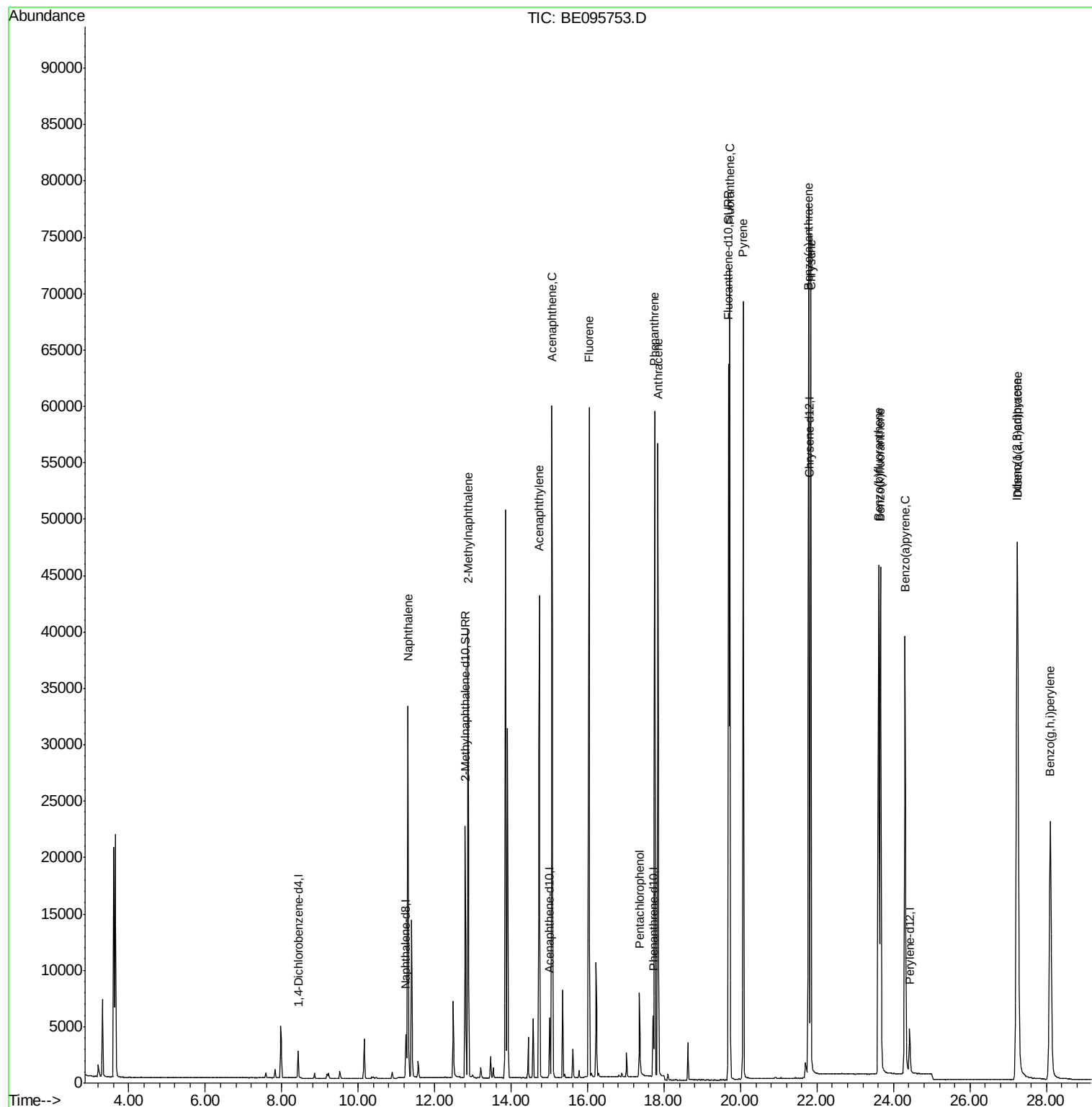
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1734	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5069	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2834	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6218	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6605	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	5818	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	28029	3.40	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	68833	2.89	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	45263	3.189	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	32481	3.427	ng/ul	100
7) Acenaphthylene	14.74	152	49661	3.641	ng/ul	96
8) Acenaphthene	15.07	153	35464	3.353	ng/ul	94
9) Fluorene	16.04	166	39647	3.634	ng/ul#	93
11) Pentachlorophenol	17.36	266	4088	3.394	ng/ul	98
12) Phenanthrene	17.75	178	61946	2.962	ng/ul#	89
13) Anthracene	17.84	178	62077	3.243	ng/ul#	90
15) Fluoranthene	19.72	202	78716	2.907	ng/ul	83
17) Pyrene	20.07	202	82629	3.728	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	72534	3.512	ng/ul#	85
19) Chrysene	21.84	228	70402	3.283	ng/ul	97
21) Benzo(b)fluoranthene	23.61	252	68304	3.328	ng/ul	81
22) Benzo(k)fluoranthene	23.66	252	65883	3.509	ng/ul#	84
23) Benzo(a)pyrene	24.30	252	63653	3.473	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.23	276	72383	3.601	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.25	278	58851	3.579	ng/ul#	86
26) Benzo(g,h,i)perylene	28.10	276	60312	3.544	ng/ul#	90

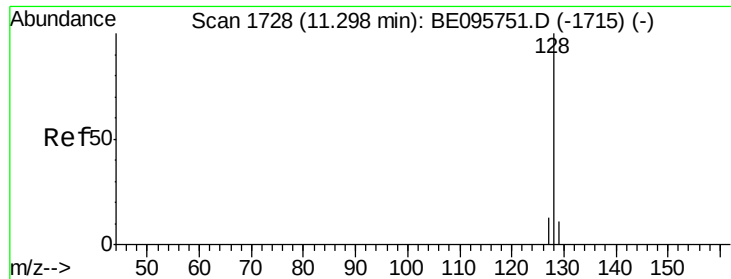
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
Data File : BE095753.D
Acq On : 13 Mar 2018 17:00
Operator : SJ/JU
Sample : SSTD3.214
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 13 17:36:10 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 13 16:24:15 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.189 ng/ul

RT: 11.30 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

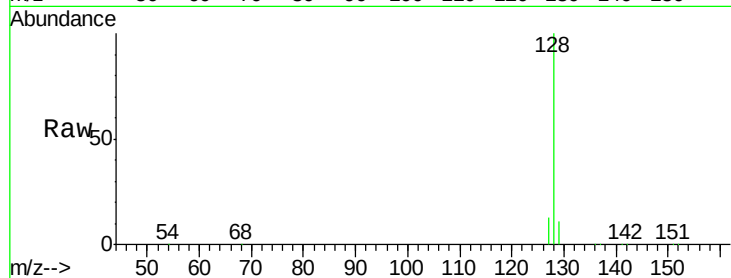
Tot Ion:128 Resp: 45263

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

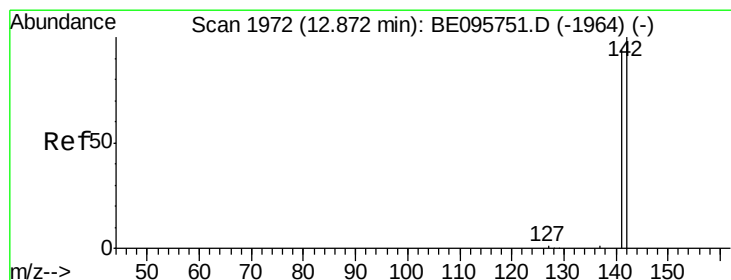
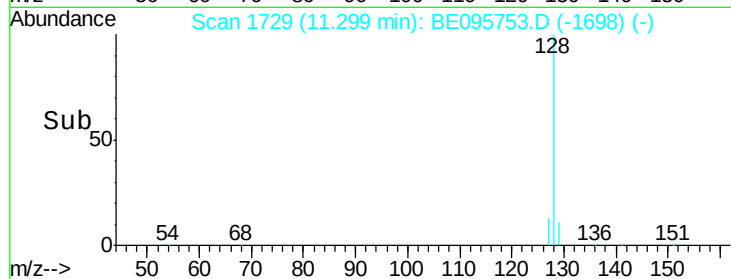
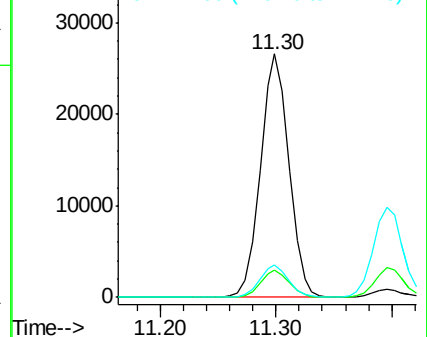
127 13.3 4.0 6.0#



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: 3.427 ng/ul

RT: 12.87 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BE095753.D

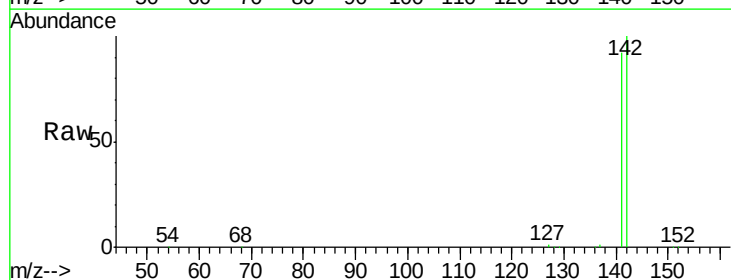
Acq: 13 Mar 2018 17:00

Tgt Ion:142 Resp: 32481

Ion Ratio Lower Upper

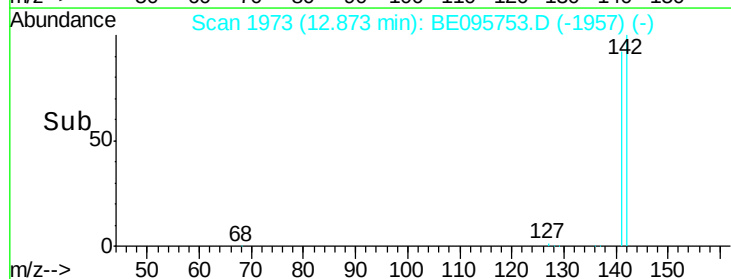
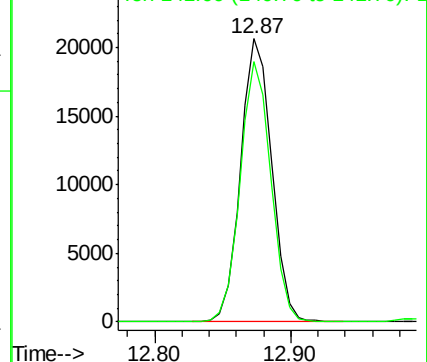
142 100

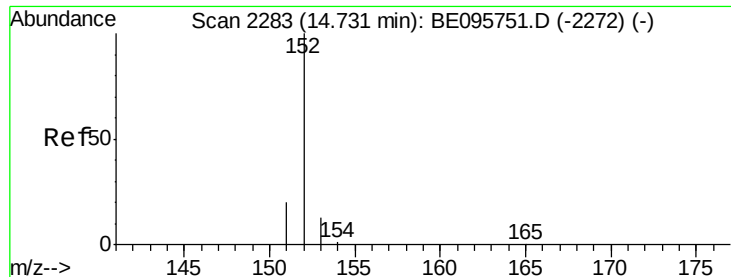
141 90.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.641 ng/ul

RT: 14.74 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

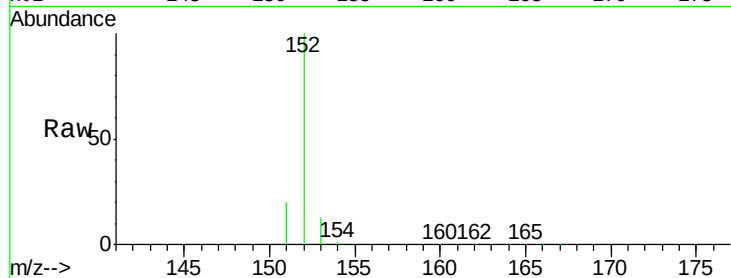
Tot Ion:152 Resp: 49661

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

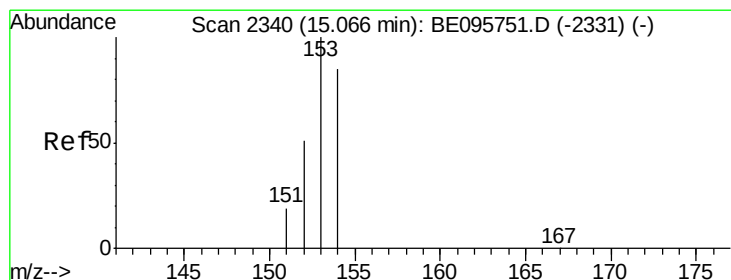
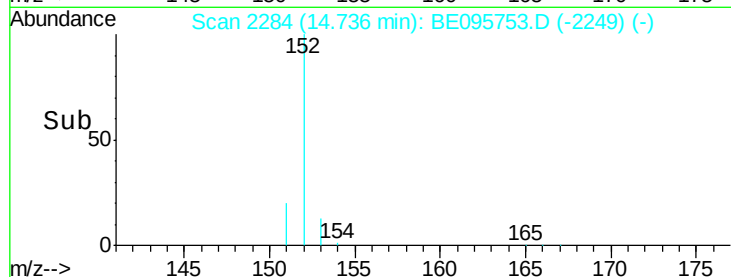
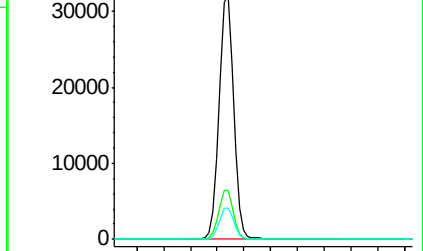
153 13.0 12.8 19.2



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: 3.353 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

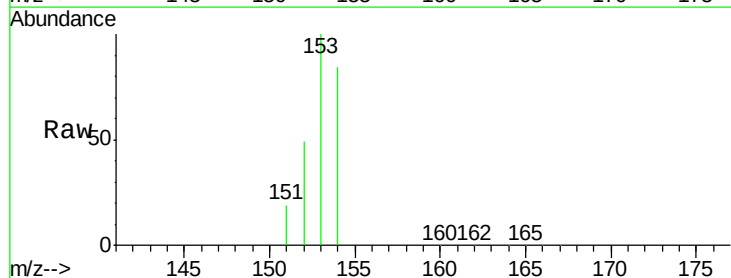
Tgt Ion:153 Resp: 35464

Ion Ratio Lower Upper

153 100

152 49.2 36.0 54.0

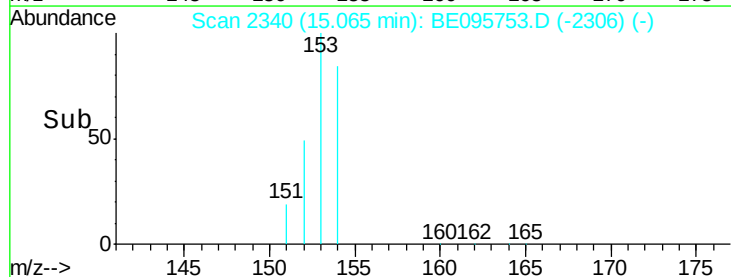
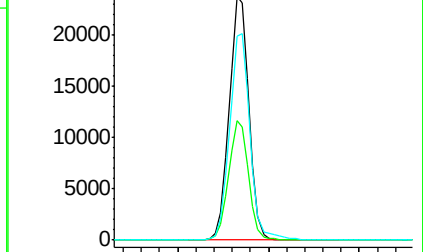
154 83.9 72.0 108.0

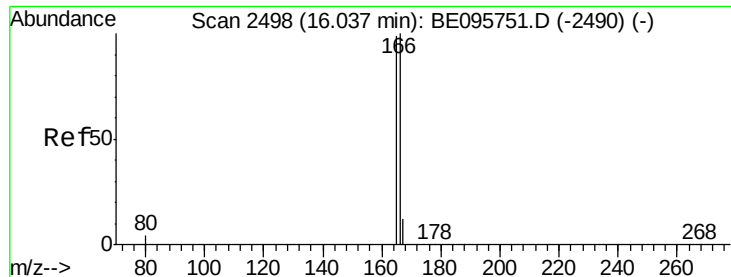


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.634 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

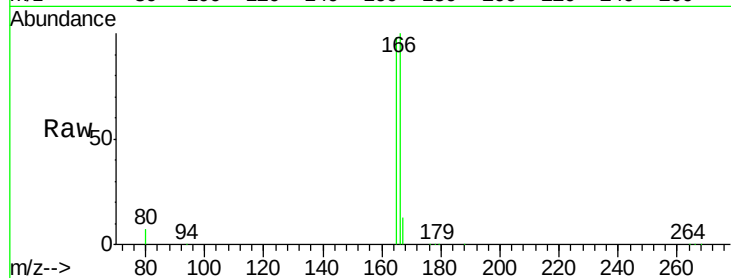
Tot Ion:166 Resp: 39647

Ion Ratio Lower Upper

166 100

165 97.9 73.4 110.2

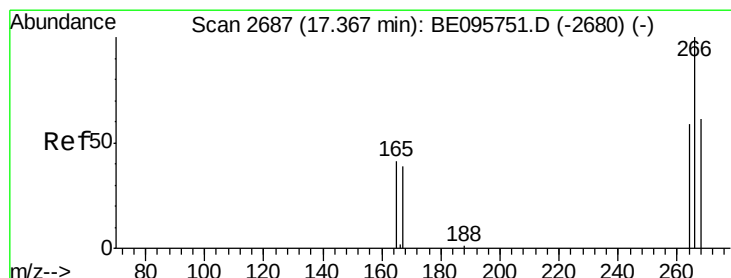
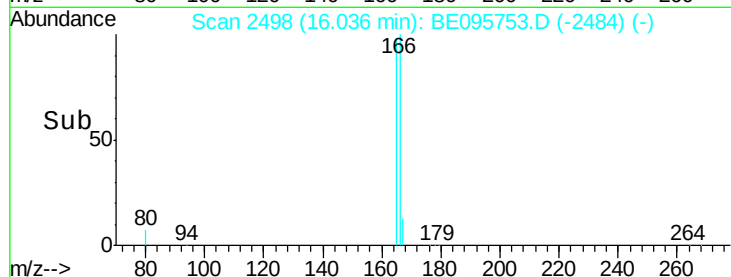
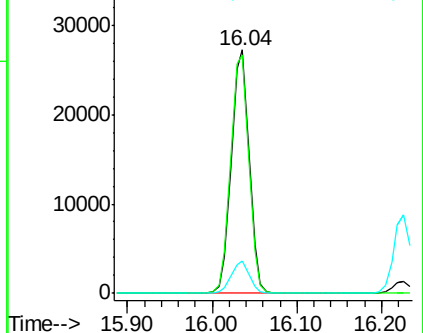
167 13.2 14.6 22.0#



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: 3.394 ng/ul

RT: 17.36 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

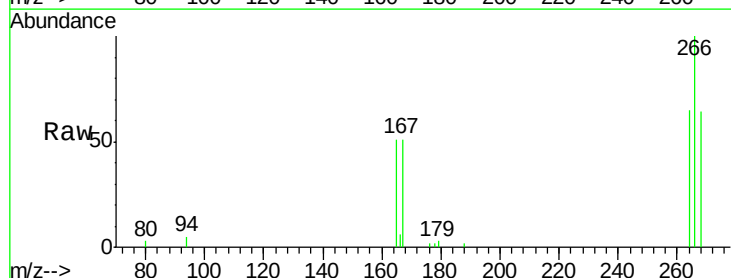
Tgt Ion:266 Resp: 4088

Ion Ratio Lower Upper

266 100

264 62.4 47.9 71.9

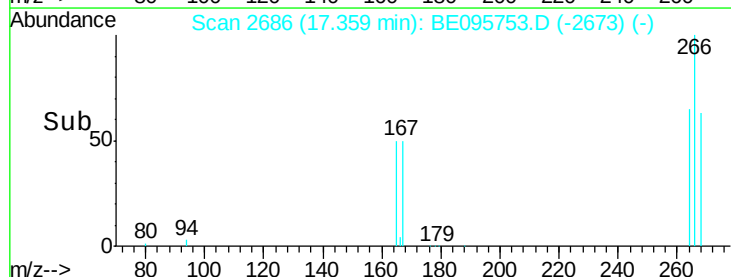
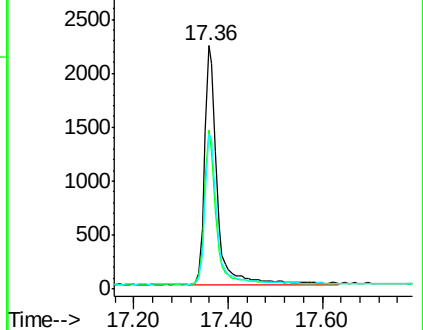
268 63.1 49.8 74.8

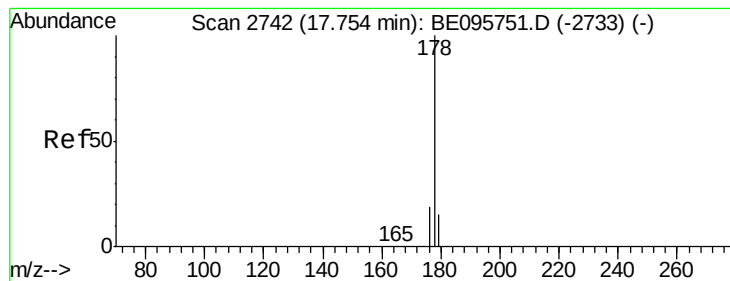


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 2.962 ng/ul

RT: 17.75 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

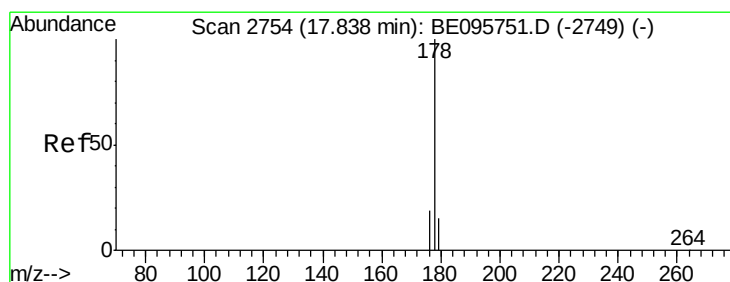
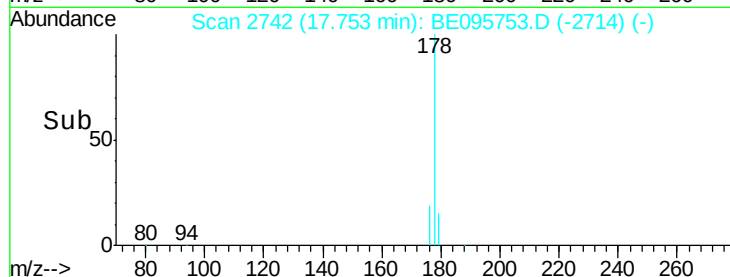
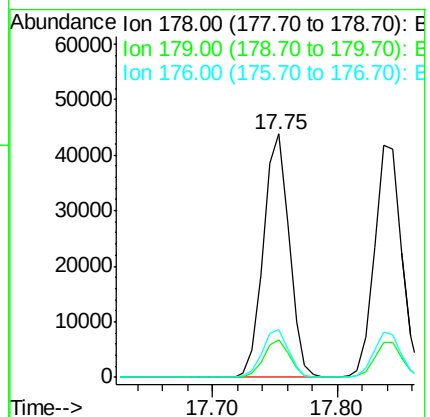
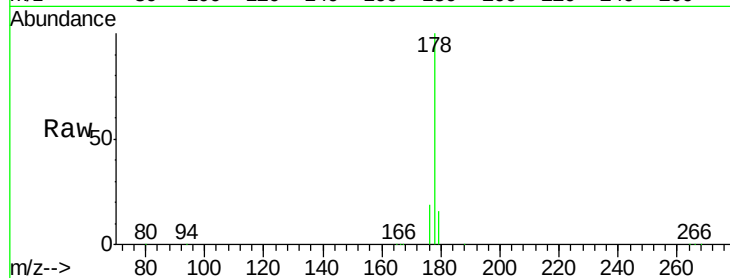
Tot Ion:178 Resp: 61946

Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 19.4 13.6 20.4



#13

Anthracene

Concen: 3.243 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

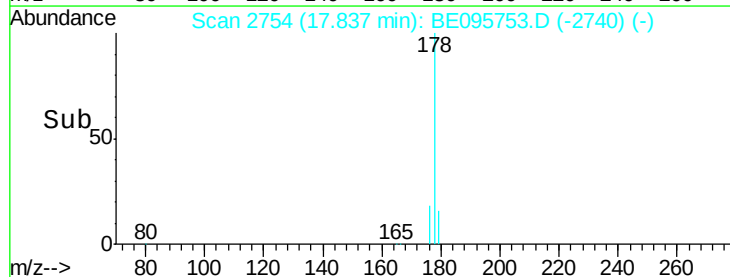
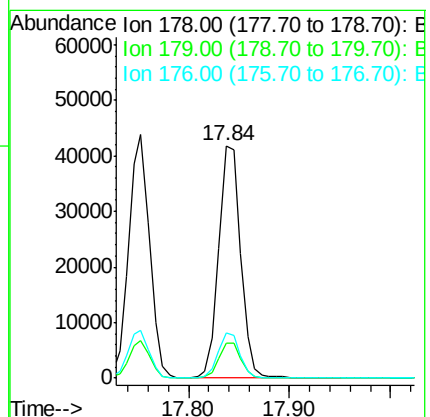
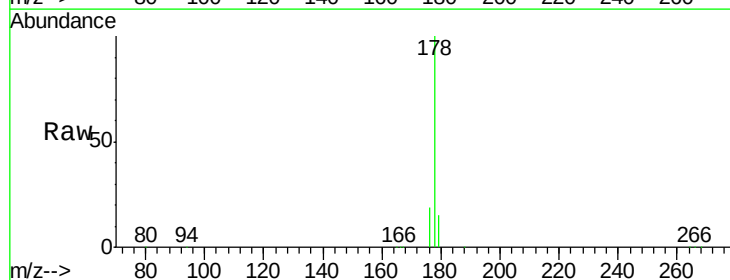
Tgt Ion:178 Resp: 62077

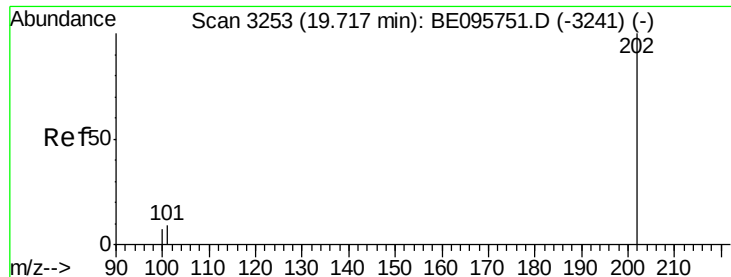
Ion Ratio Lower Upper

178 100

179 15.2 18.1 27.1#

176 19.5 14.7 22.1





#15

Fluoranthene

Concen: 2.907 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

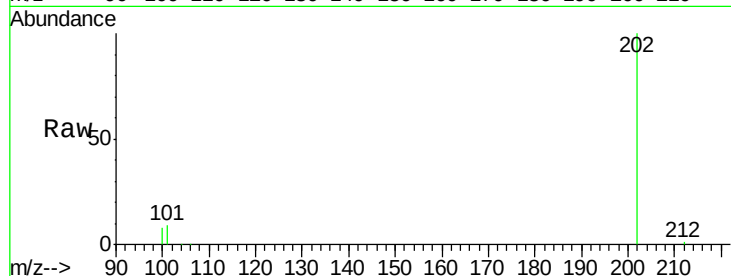
Tot Ion:202 Resp: 78716

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

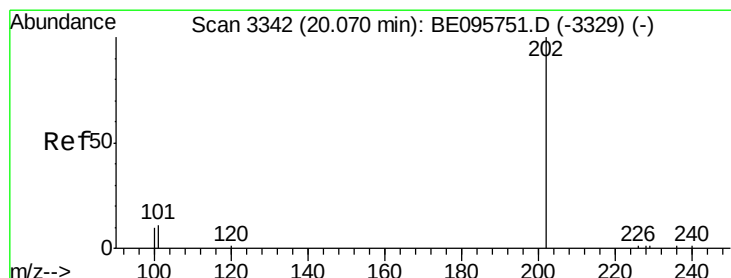
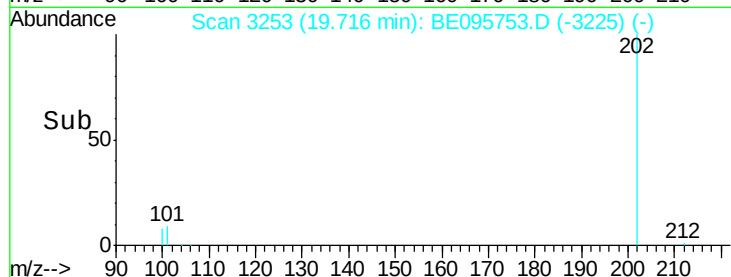
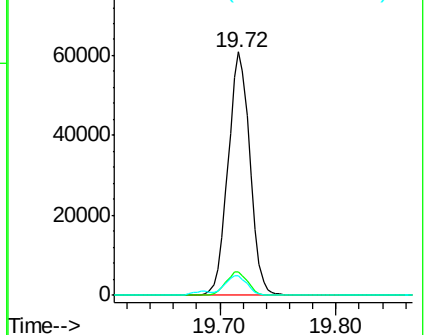
100 7.9 0.0 39.5



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: 3.728 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

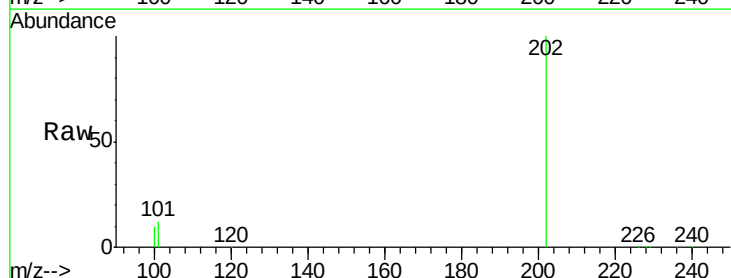
Tgt Ion:202 Resp: 82629

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

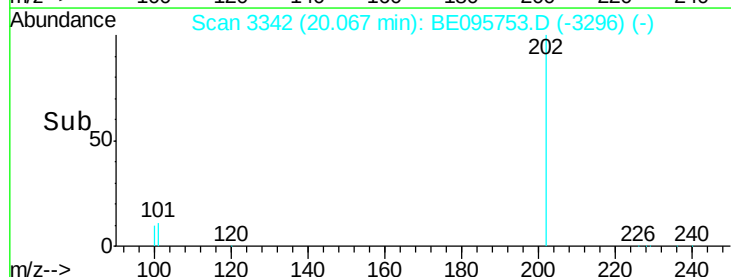
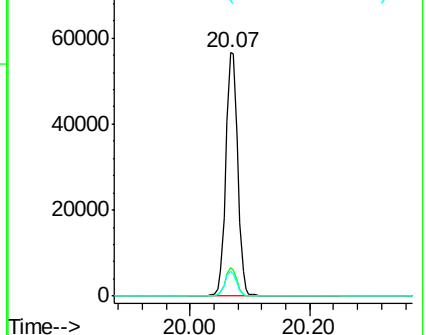
100 10.4 15.6 23.4#

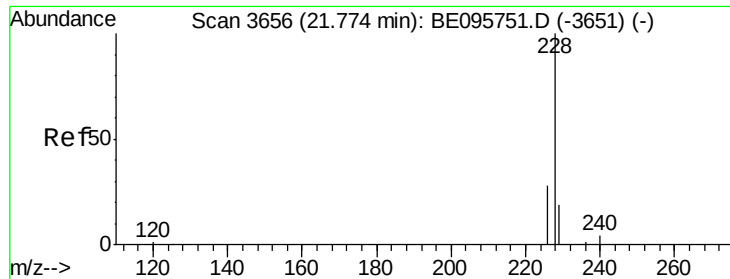


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 3.512 ng/ul

RT: 21.78 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

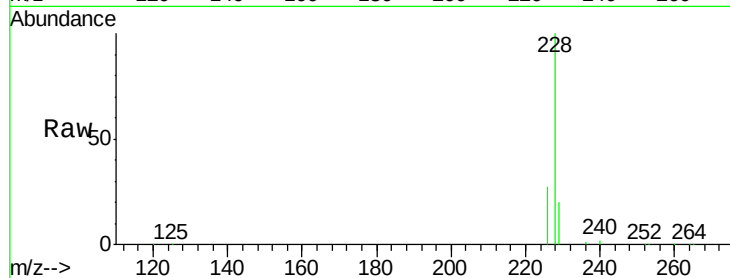
Tot Ion:228 Resp: 72534

Ion Ratio Lower Upper

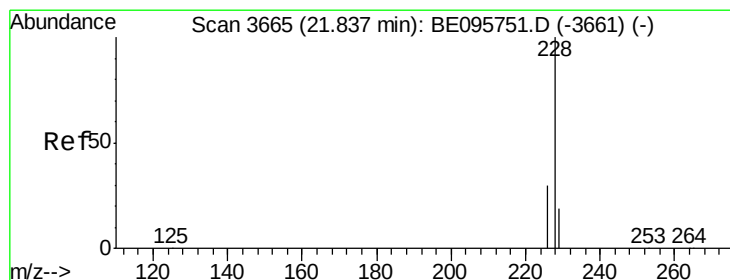
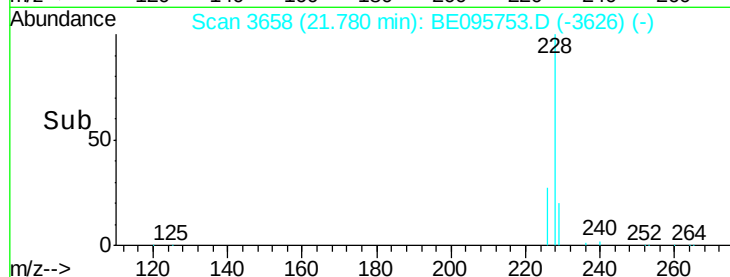
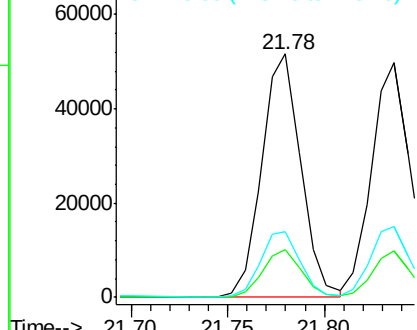
228 100

229 19.7 22.8 34.2#

226 27.2 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: 3.283 ng/ul

RT: 21.84 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

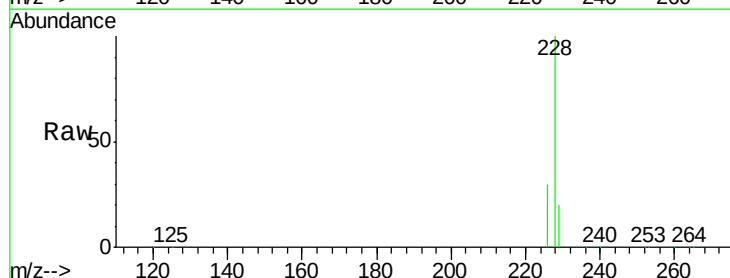
Tgt Ion:228 Resp: 70402

Ion Ratio Lower Upper

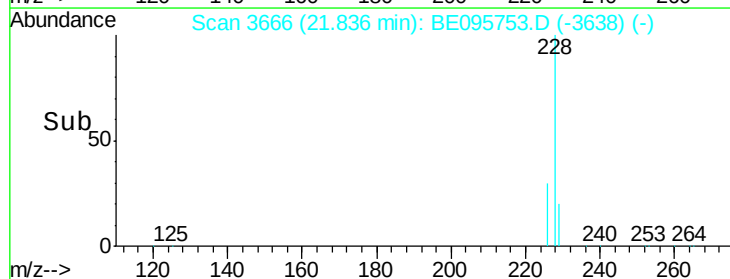
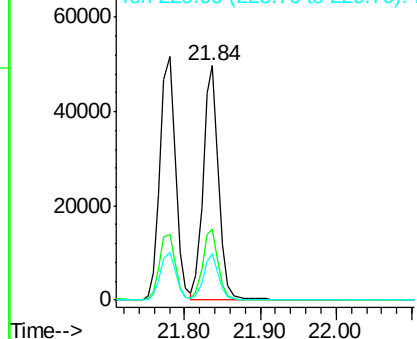
228 100

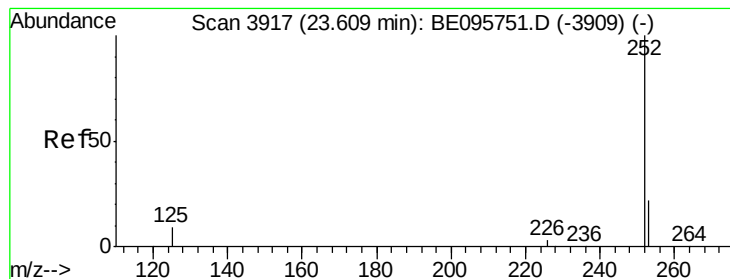
226 30.0 23.4 35.0

229 19.9 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: 3.328 ng/ul

RT: 23.61 min Scan# 3918

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

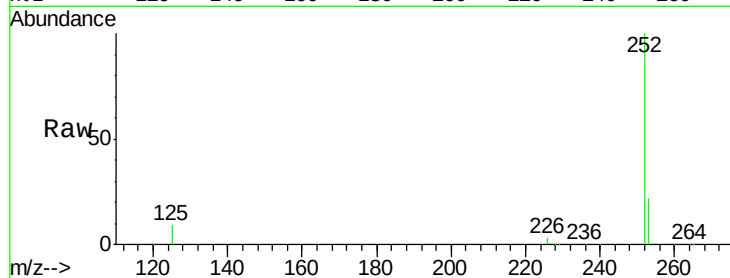
Tot Ion:252 Resp: 68304

Ion Ratio Lower Upper

252 100

253 21.7 0.0 64.2

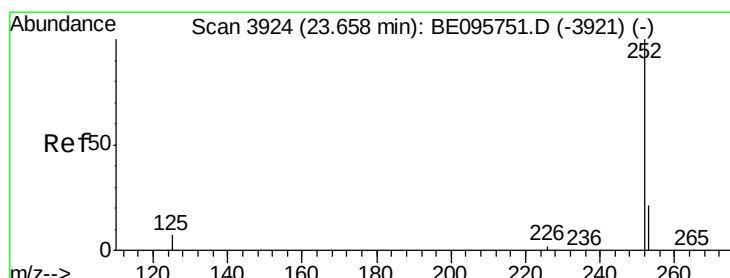
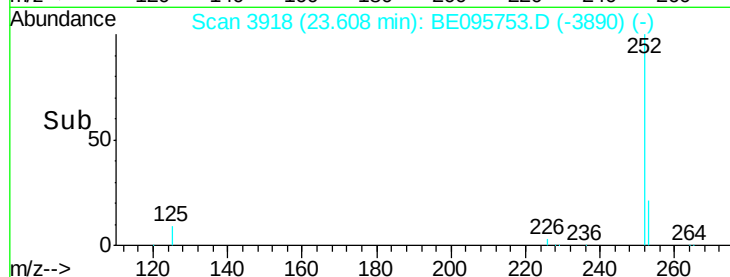
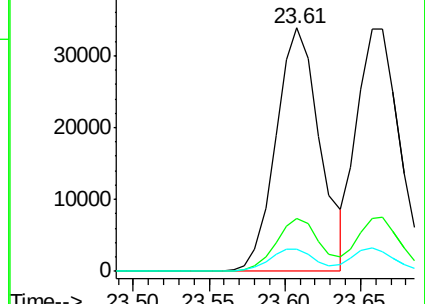
125 9.2 0.0 35.0



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: 3.509 ng/ul

RT: 23.66 min Scan# 3925

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

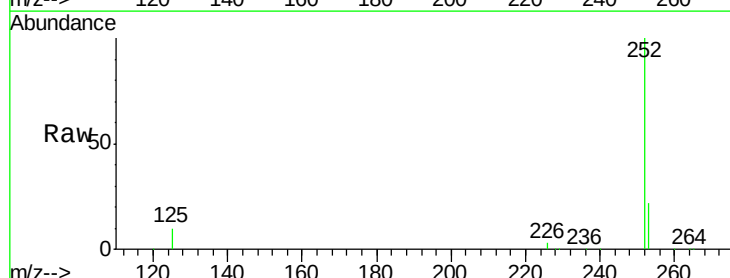
Tgt Ion:252 Resp: 65883

Ion Ratio Lower Upper

252 100

253 21.7 24.5 36.7#

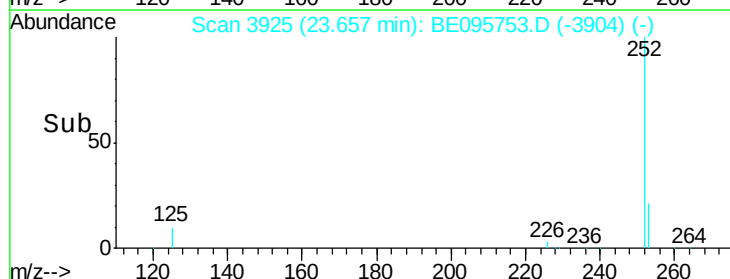
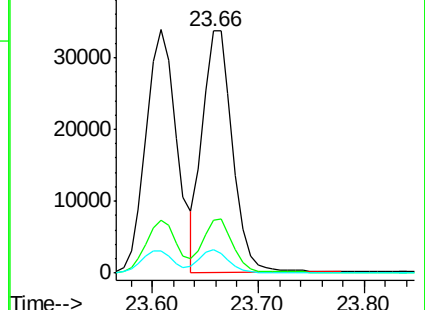
125 9.8 13.7 20.5#

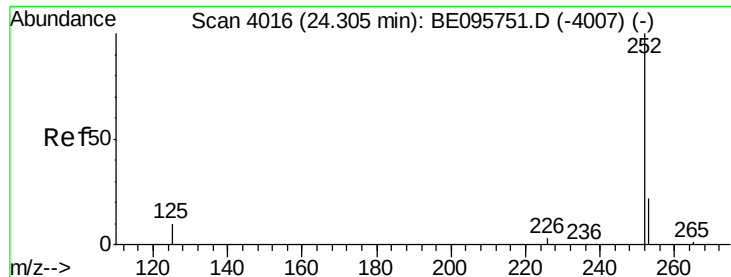


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.473 ng/ul

RT: 24.30 min Scan# 4017

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

Instrument :

BNA_E

ClientSampleId :

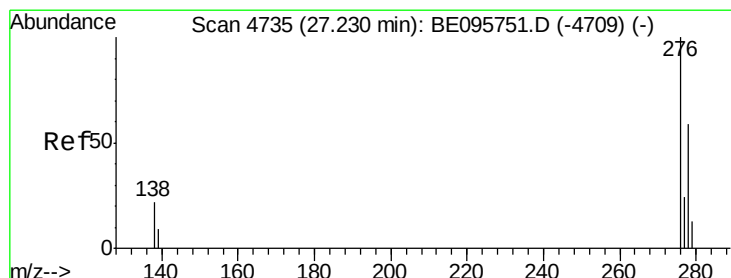
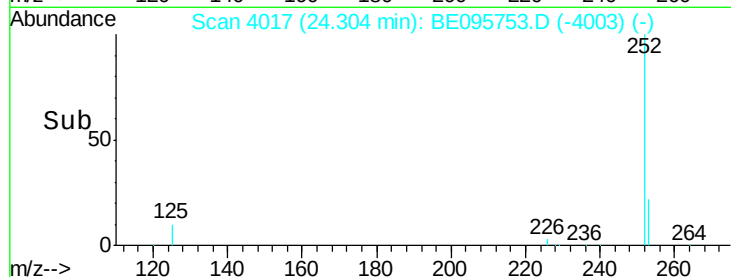
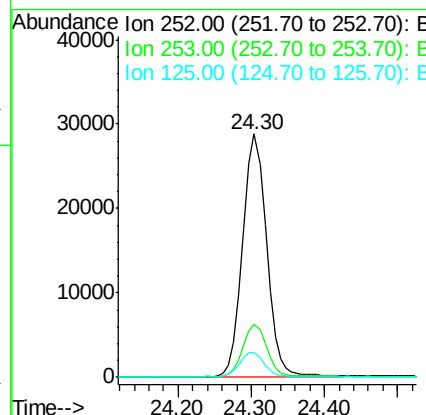
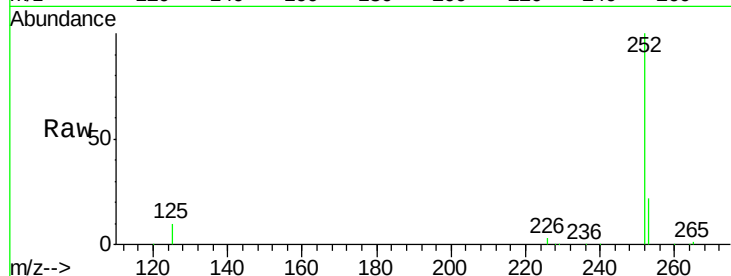
Tot Ion:252 Resp: 63653

Ion Ratio Lower Upper

252 100

253 21.9 28.5 42.7#

125 10.1 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.601 ng/ul

RT: 27.23 min Scan# 4736

Delta R.T. -0.00 min

Lab File: BE095753.D

Acq: 13 Mar 2018 17:00

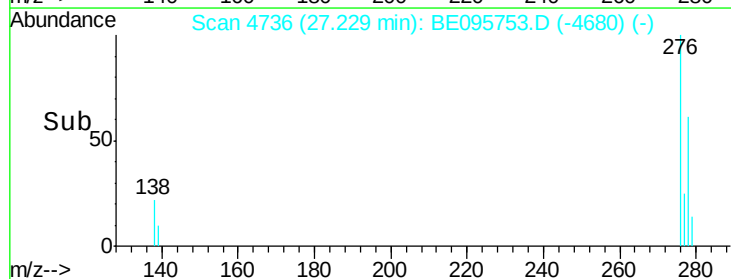
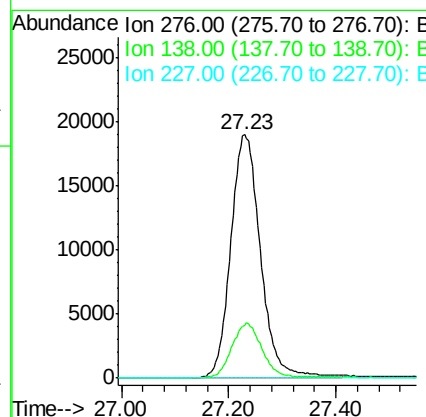
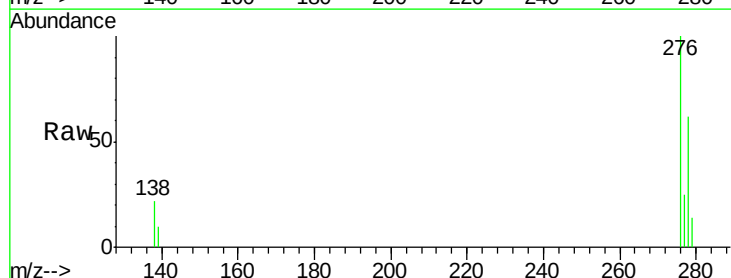
Tgt Ion:276 Resp: 72383

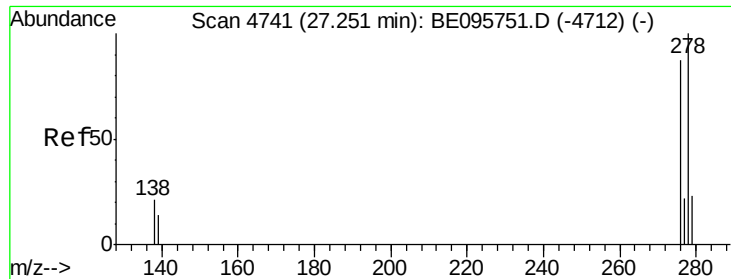
Ion Ratio Lower Upper

276 100

138 22.7 28.0 42.0#

227 0.0 8.0 12.0#

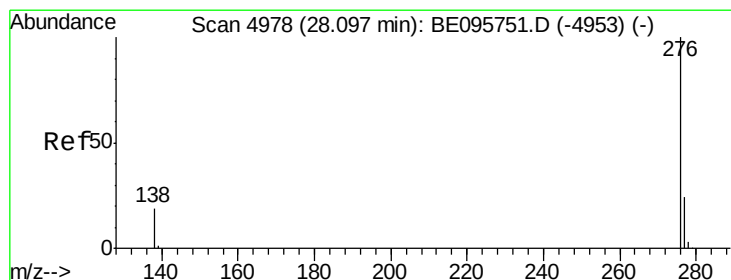
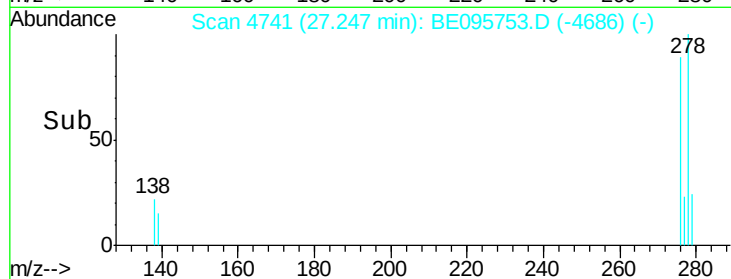
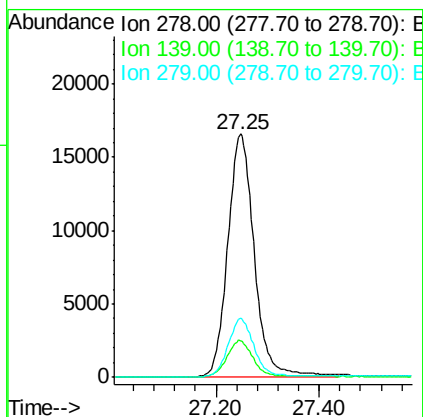
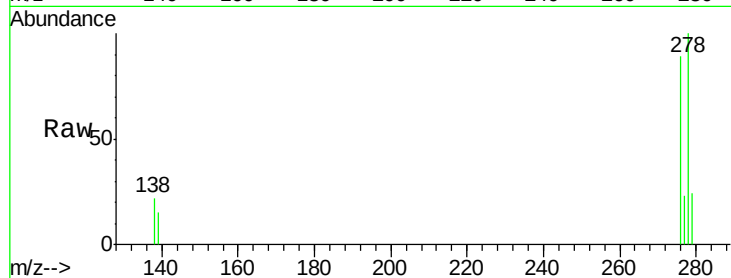




#25
Dibenzo(a,h)anthracene
Concen: 3.579 ng/ul
RT: 27.25 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BE095753.D
Acq: 13 Mar 2018 17:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 58851
Ion Ratio Lower Upper
278 100
139 14.9 17.4 26.0#
279 24.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 3.544 ng/ul
RT: 28.10 min Scan# 4981
Delta R.T. 0.01 min
Lab File: BE095753.D
Acq: 13 Mar 2018 17:00

Tgt Ion:276 Resp: 60312
Ion Ratio Lower Upper
276 100
138 19.6 21.8 32.8#
277 23.1 20.5 30.7

