

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
 Data File : BE095747.D
 Acq On : 13 Mar 2018 13:22
 Operator : SJ/JU
 Sample : SSTD0.108
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 13 16:24:48 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

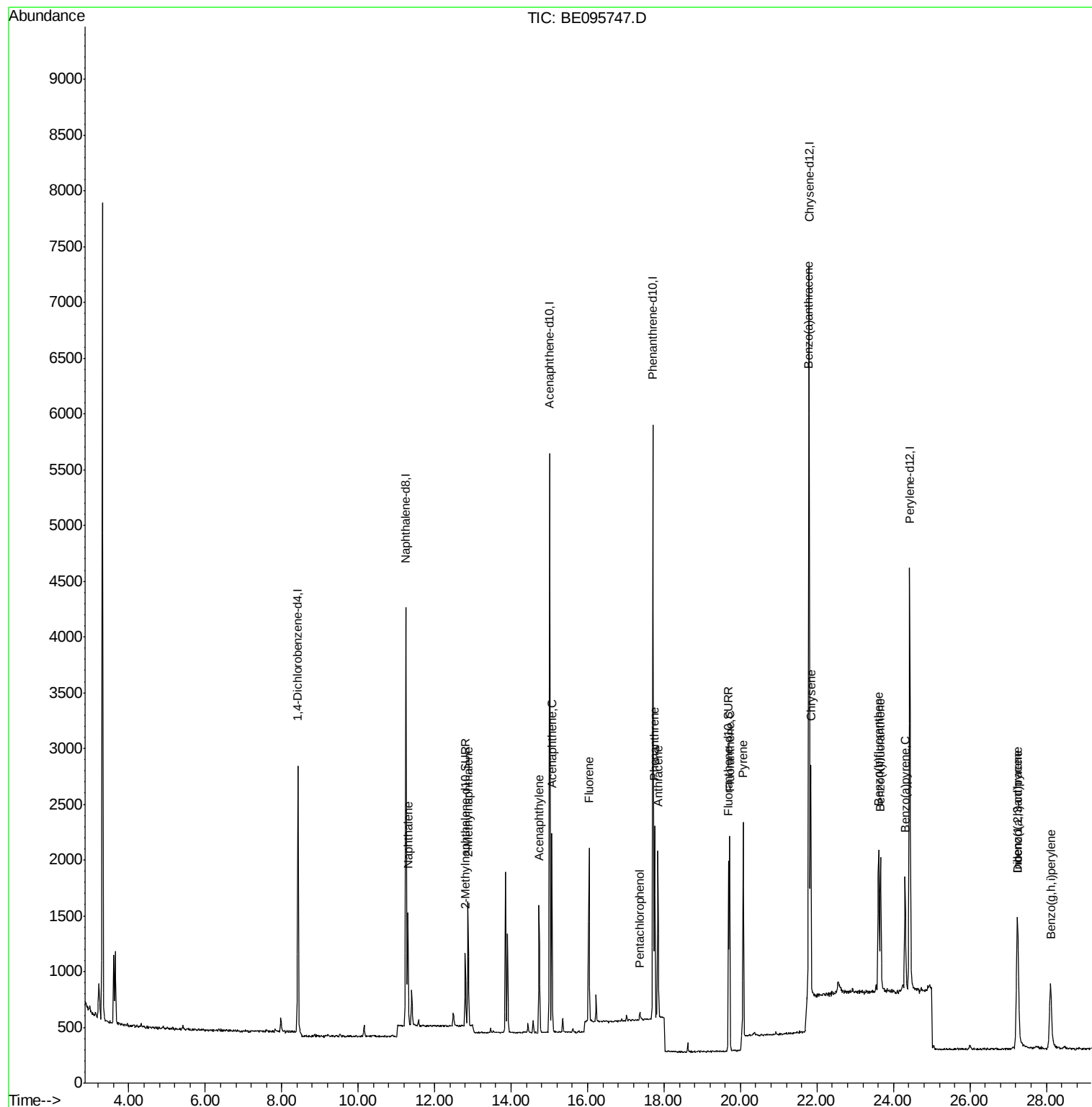
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1818	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5120	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2856	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6394	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6403	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	5920	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	859	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1933	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	1407	0.098	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	962	0.100	ng/ul	99
7) Acenaphthylene	14.74	152	1375	0.100	ng/ul	98
8) Acenaphthene	15.07	153	1068	0.100	ng/ul#	92
9) Fluorene	16.04	166	1120	0.102	ng/ul	97
11) Pentachlorophenol	17.37	266	54	0.044	ng/ul#	87
12) Phenanthrene	17.75	178	1863	0.087	ng/ul#	90
13) Anthracene	17.84	178	1655	0.084	ng/ul#	92
15) Fluoranthene	19.72	202	2172	0.078	ng/ul	84
17) Pyrene	20.07	202	2503	0.116	ng/ul#	81
18) Benzo(a)anthracene	21.78	228	2000	0.100	ng/ul#	87
19) Chrysene	21.84	228	2054	0.099	ng/ul	94
21) Benzo(b)fluoranthene	23.61	252	1935	0.093	ng/ul	96
22) Benzo(k)fluoranthene	23.67	252	1855	0.097	ng/ul	96
23) Benzo(a)pyrene	24.30	252	1801	0.097	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	27.24	276	1940	0.095	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.24	278	1517	0.091	ng/ul#	95
26) Benzo(g,h,i)perylene	28.11	276	1682	0.097	ng/ul	96

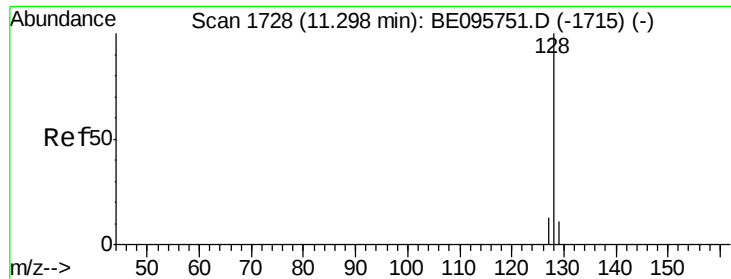
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031318\
Data File : BE095747.D
Acq On : 13 Mar 2018 13:22
Operator : SJ/JU
Sample : SST0.108
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 13 16:24:48 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: 0.098 ng/ul

RT: 11.30 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

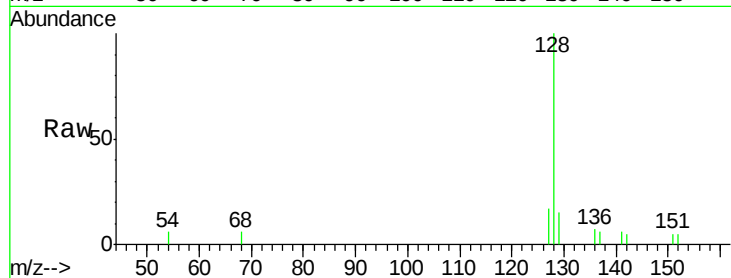
Tot Ion:128 Resp: 1407

Ion Ratio Lower Upper

128 100

129 15.4 11.3 16.9

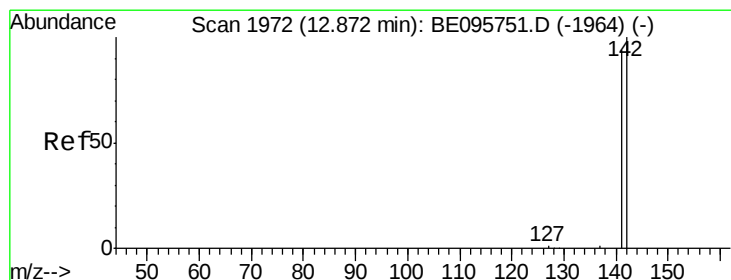
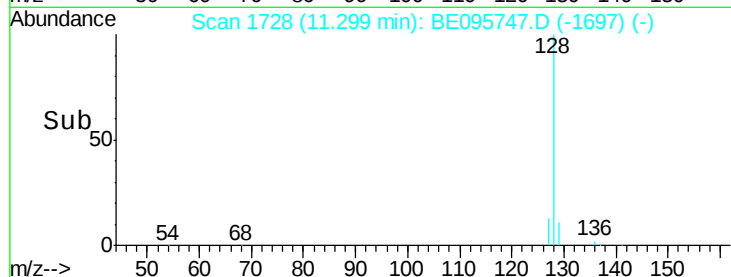
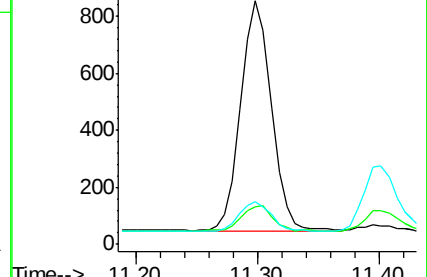
127 17.3 4.0 6.0#



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: 0.100 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095747.D

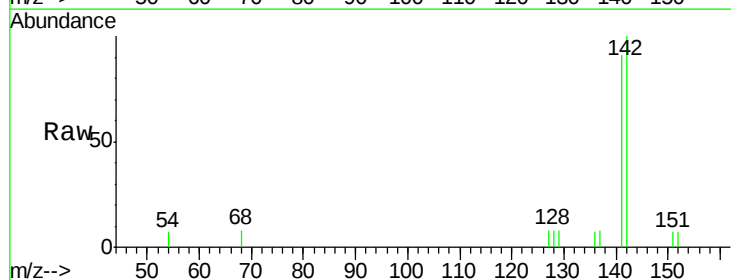
Acq: 13 Mar 2018 13:22

Tgt Ion:142 Resp: 962

Ion Ratio Lower Upper

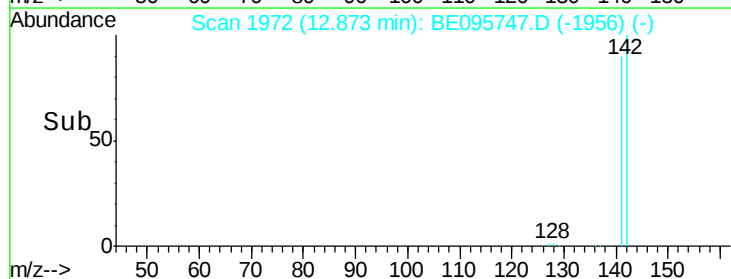
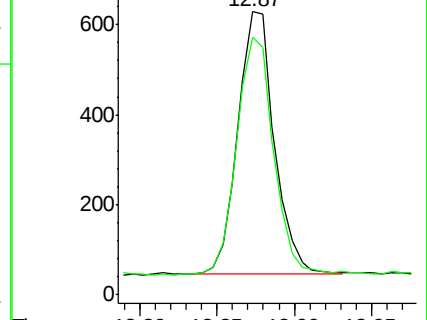
142 100

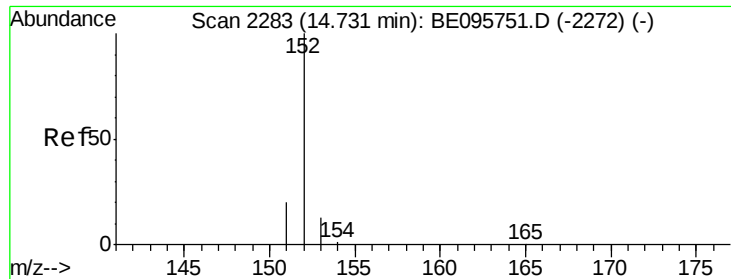
141 91.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.100 ng/ul

RT: 14.74 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

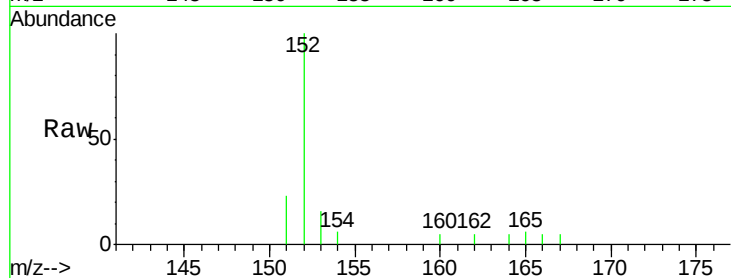
Tot Ion:152 Resp: 1375

Ion Ratio Lower Upper

152 100

151 22.8 17.1 25.7

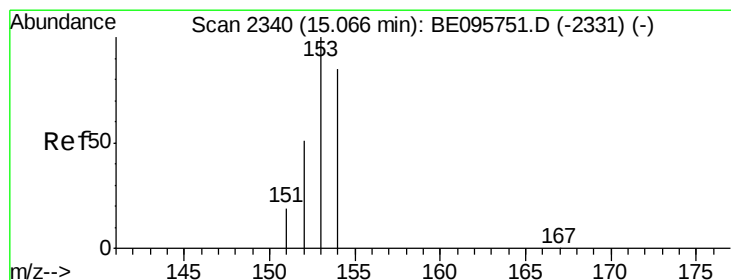
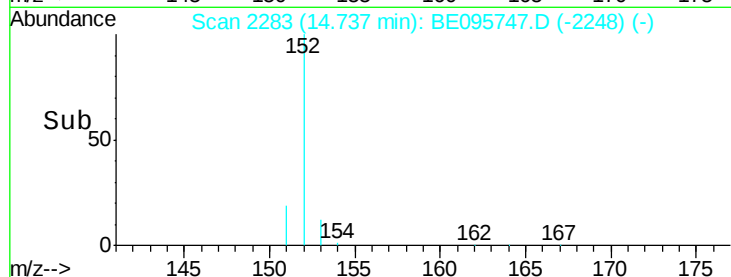
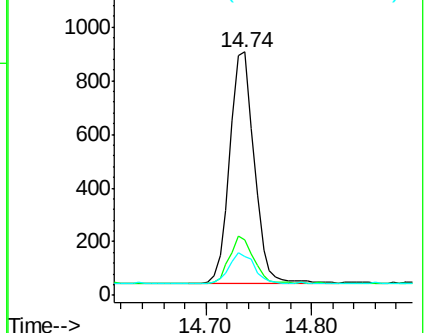
153 16.2 12.8 19.2



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: 0.100 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

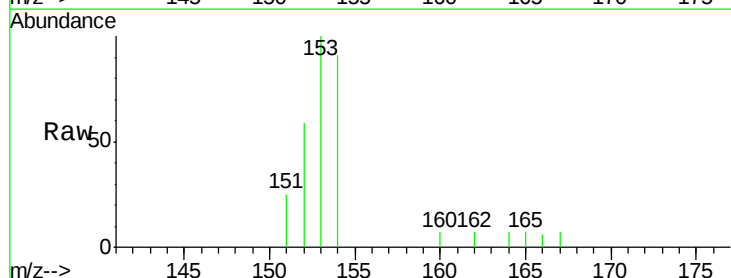
Tgt Ion:153 Resp: 1068

Ion Ratio Lower Upper

153 100

152 58.6 36.0 54.0#

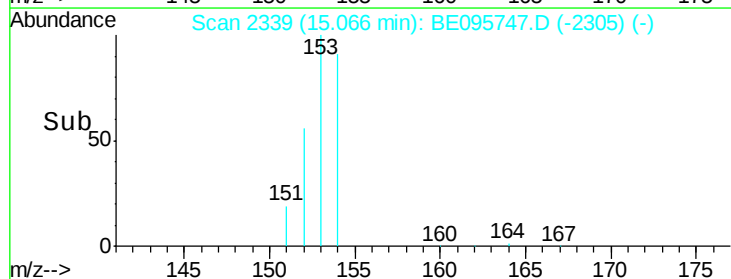
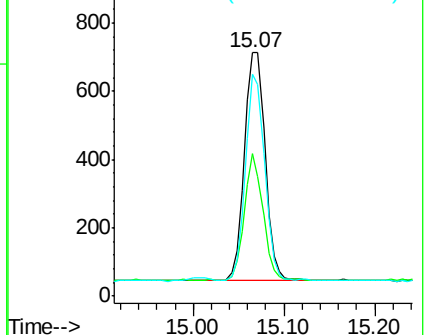
154 91.3 72.0 108.0

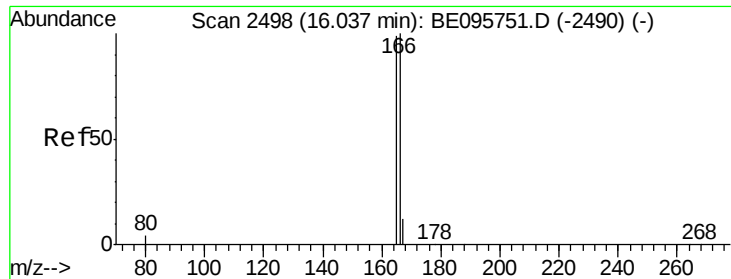


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.102 ng/ul

RT: 16.04 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

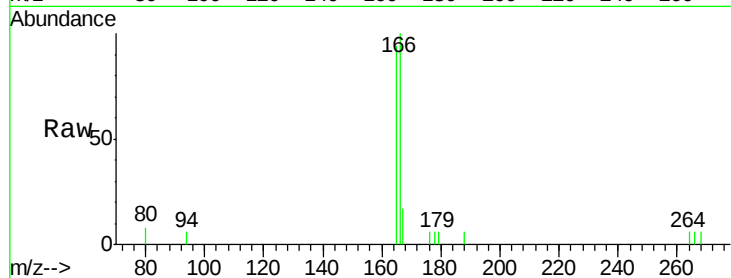
Tot Ion:166 Resp: 1120

Ion Ratio Lower Upper

166 100

165 94.5 73.4 110.2

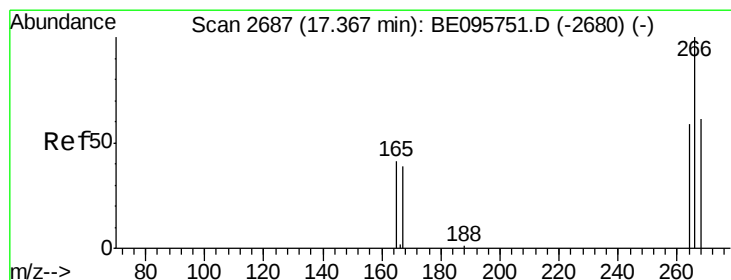
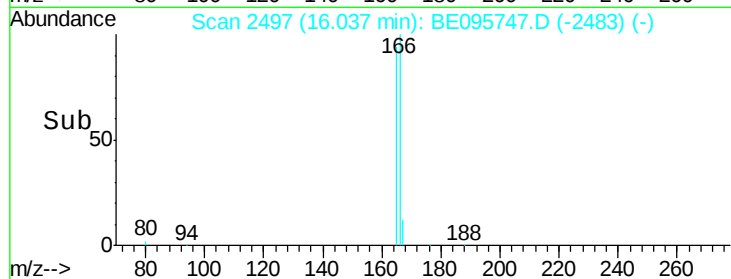
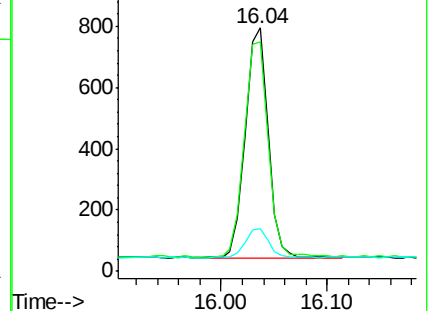
167 17.4 14.6 22.0



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: 0.044 ng/ul

RT: 17.37 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

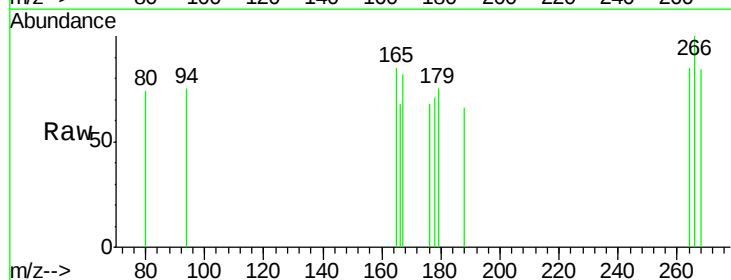
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

264 74.1 47.9 71.9#

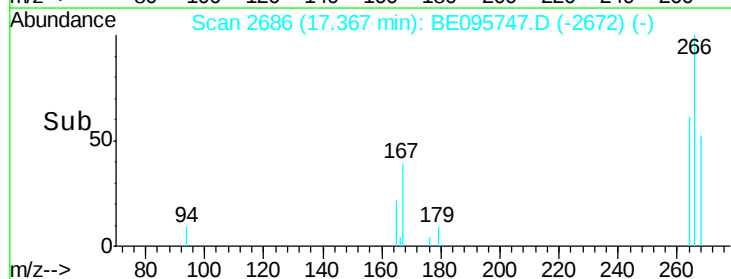
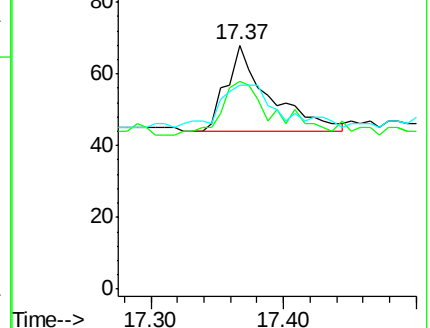
268 68.5 49.8 74.8

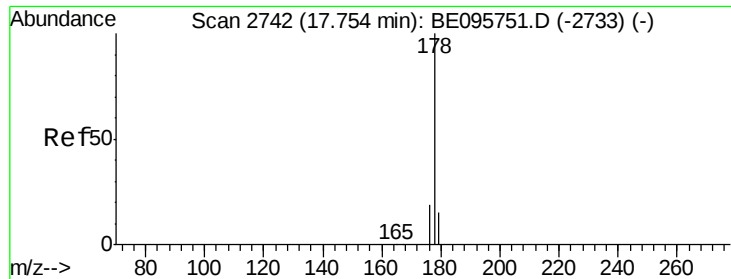


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.087 ng/ul

RT: 17.75 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

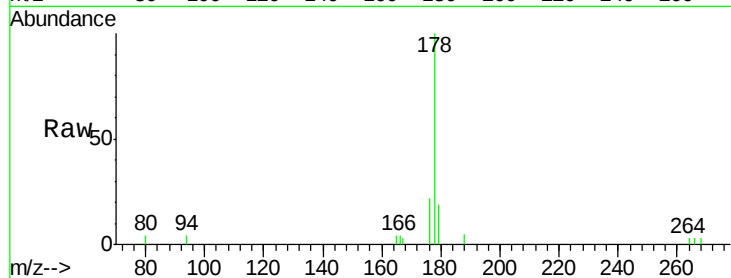
Tot Ion:178 Resp: 1863

Ion Ratio Lower Upper

178 100

179 18.8 18.4 27.6

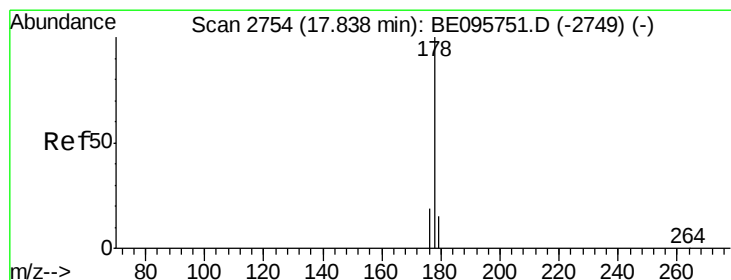
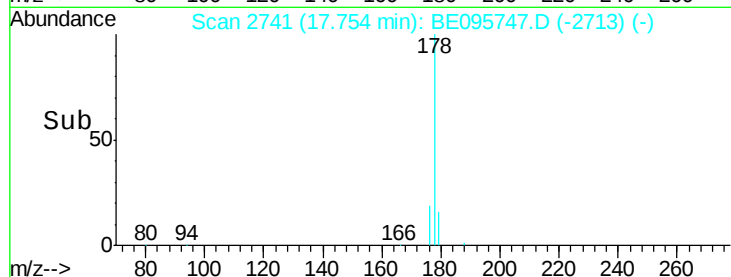
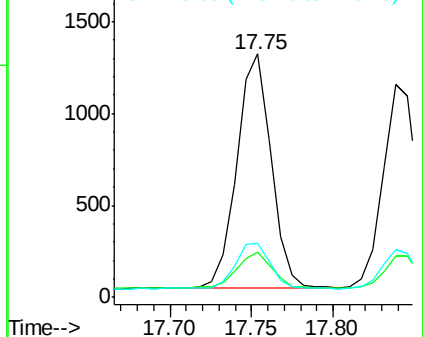
176 22.0 13.6 20.4#



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: 0.084 ng/ul

RT: 17.84 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

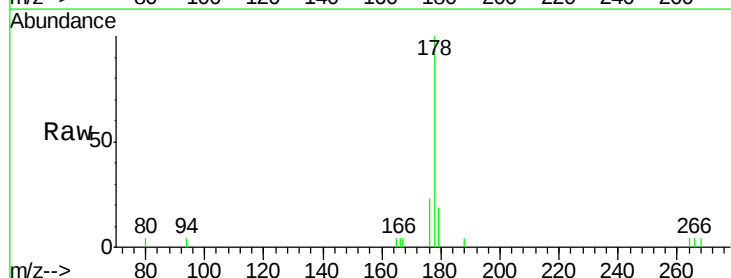
Tgt Ion:178 Resp: 1655

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

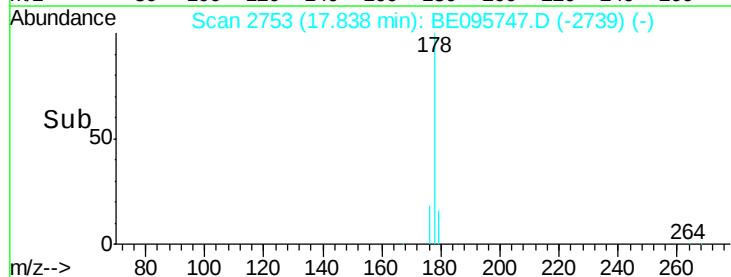
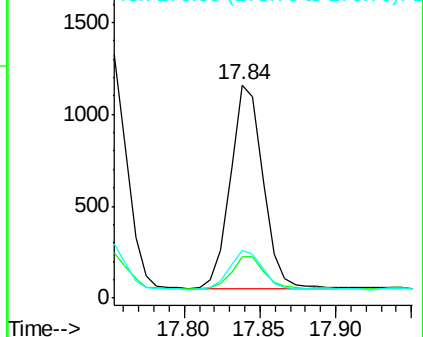
176 22.6 14.7 22.1#

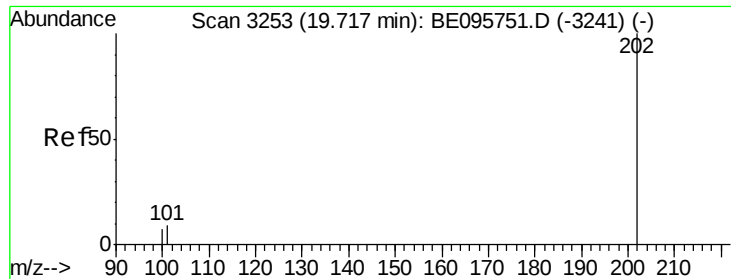


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.078 ng/ul

RT: 19.72 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

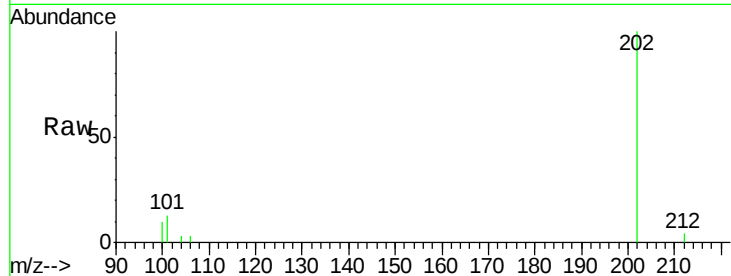
Tot Ion:202 Resp: 2172

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

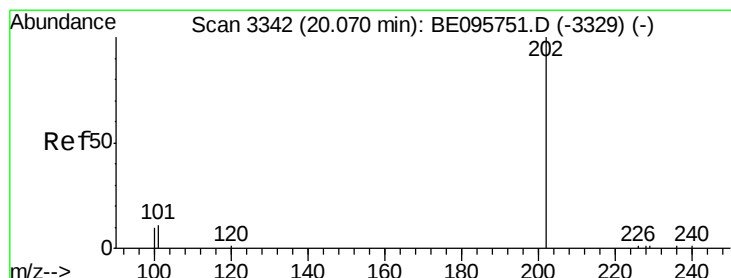
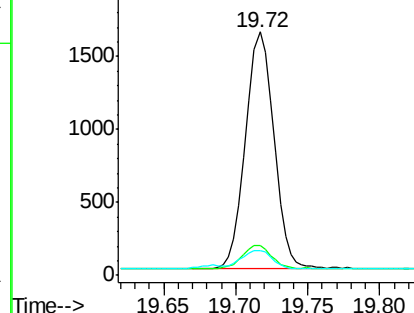
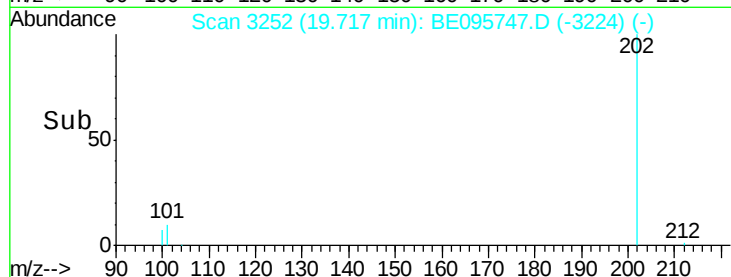
100 10.0 0.0 39.5



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: 0.116 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

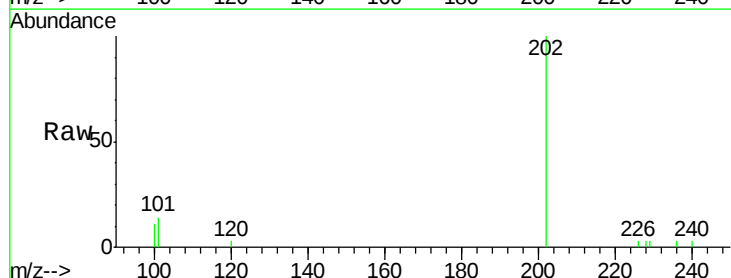
Tgt Ion:202 Resp: 2503

Ion Ratio Lower Upper

202 100

101 13.8 18.2 27.4#

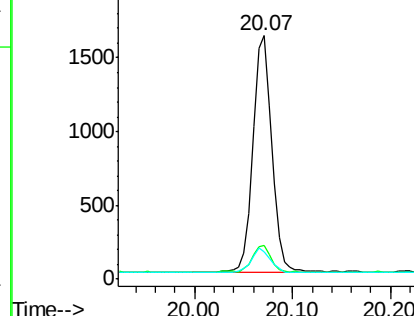
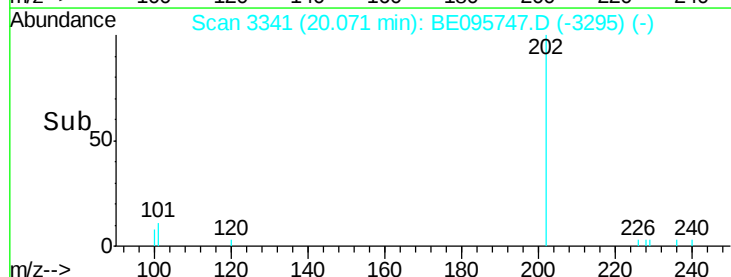
100 11.0 15.6 23.4#

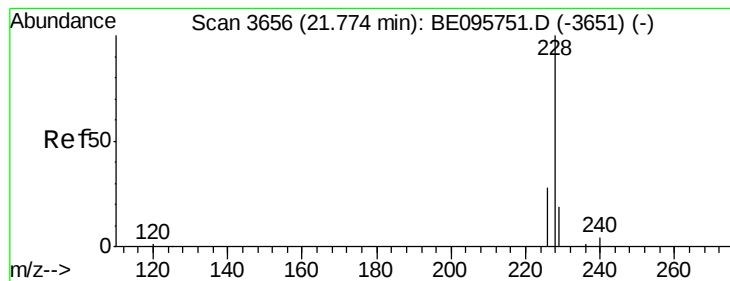


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.100 ng/ul

RT: 21.78 min Scan# 3656

Delta R.T. 0.01 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

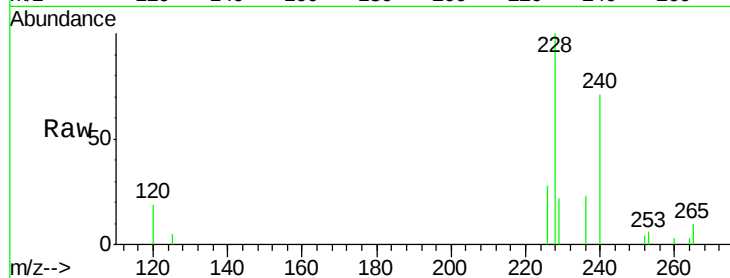
Tot Ion:228 Resp: 2000

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

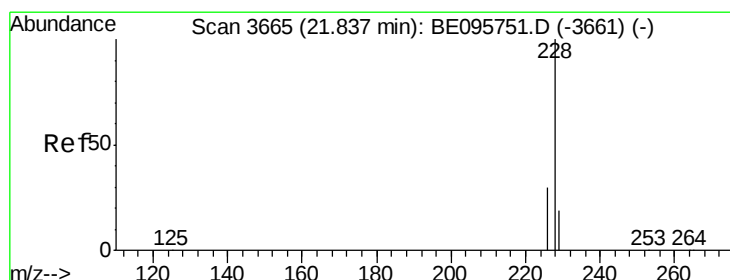
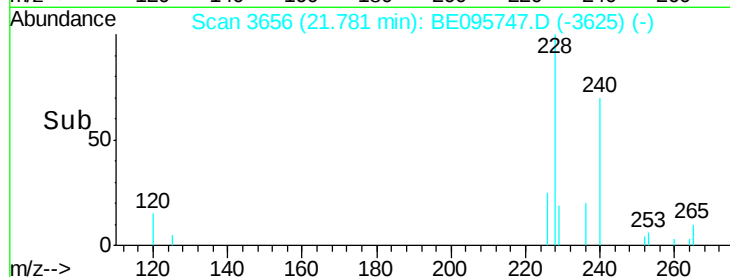
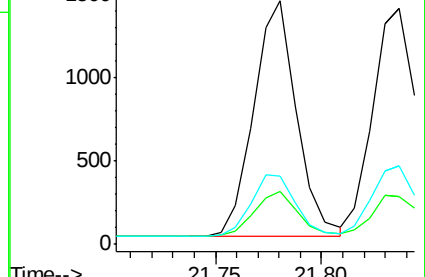
226 27.9 17.0 25.6#



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: 0.099 ng/ul

RT: 21.84 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

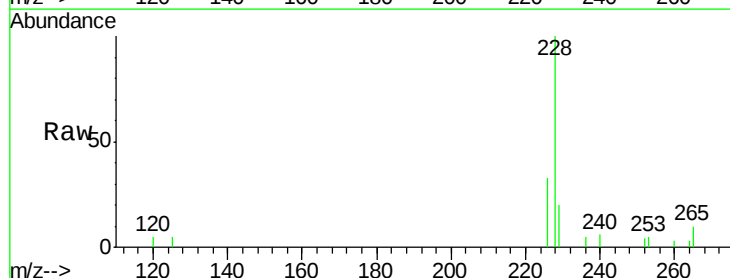
Tgt Ion:228 Resp: 2054

Ion Ratio Lower Upper

228 100

226 33.3 23.4 35.0

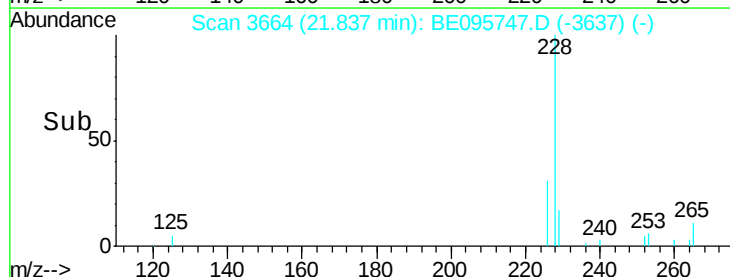
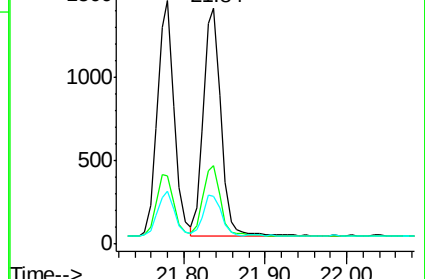
229 20.2 17.7 26.5

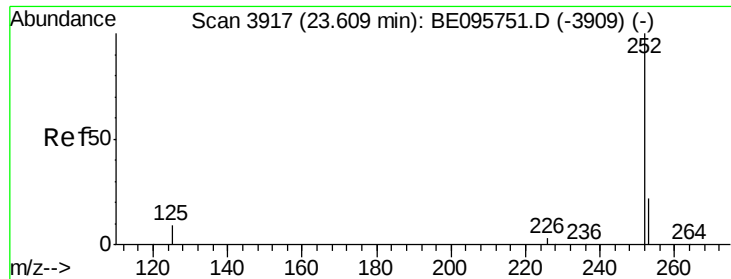


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.093 ng/ul

RT: 23.61 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

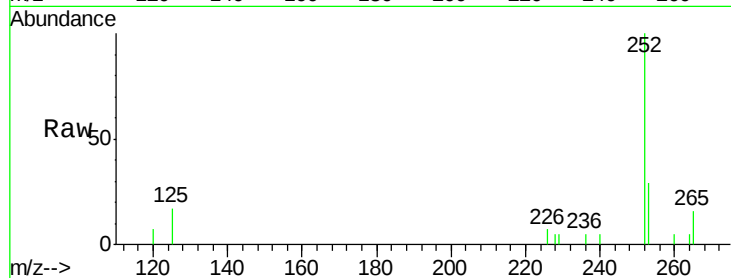
Tot Ion:252 Resp: 1935

Ion Ratio Lower Upper

252 100

253 29.5 0.0 64.2

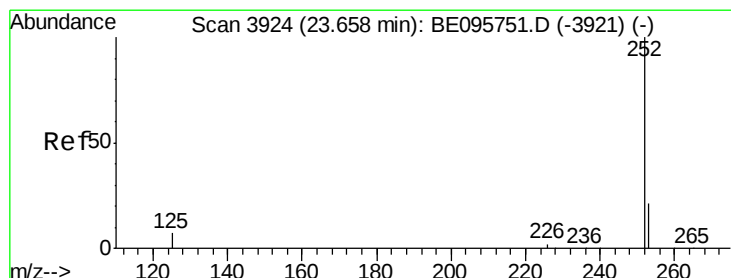
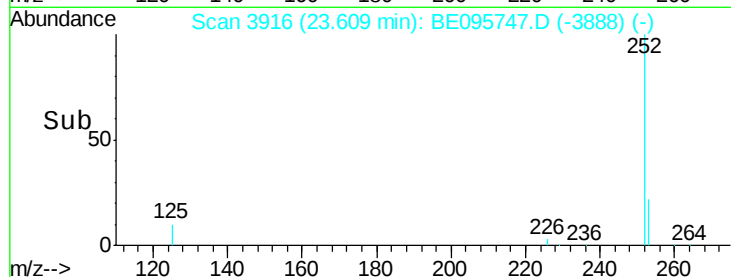
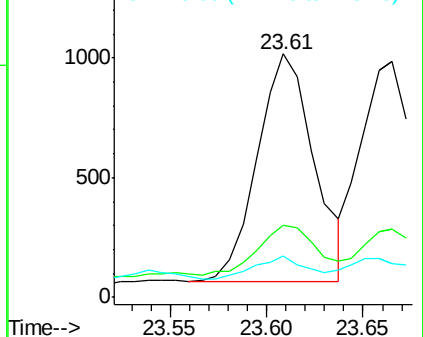
125 16.9 0.0 35.0



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: 0.097 ng/ul

RT: 23.67 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

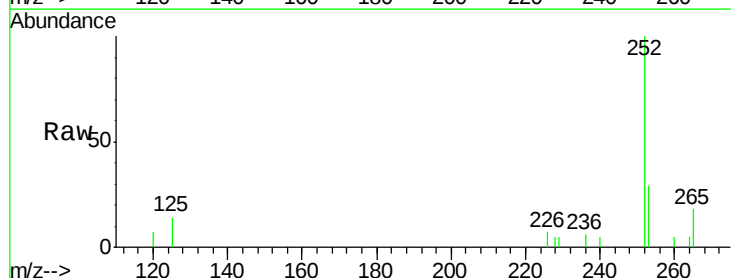
Tgt Ion:252 Resp: 1855

Ion Ratio Lower Upper

252 100

253 28.9 24.5 36.7

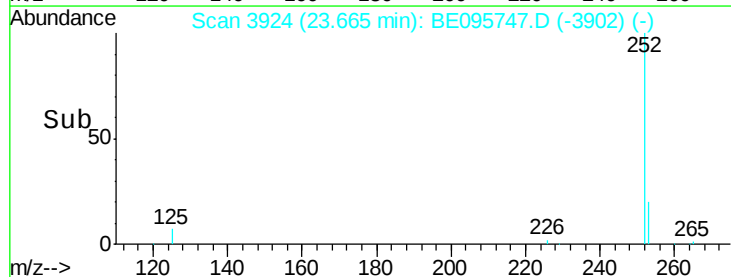
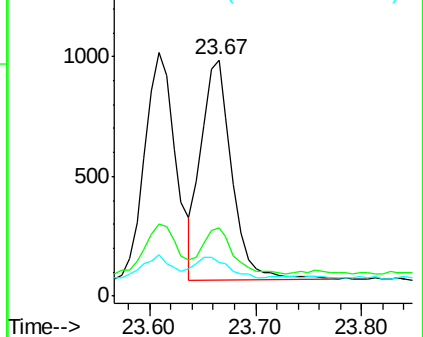
125 14.4 13.7 20.5

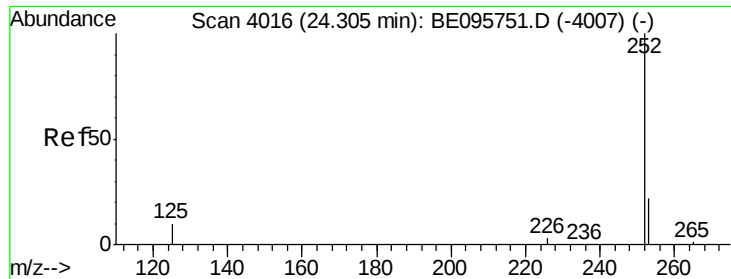


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.097 ng/ul

RT: 24.30 min Scan# 4015

Delta R.T. -0.00 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

Instrument :

BNA_E

ClientSampleId :

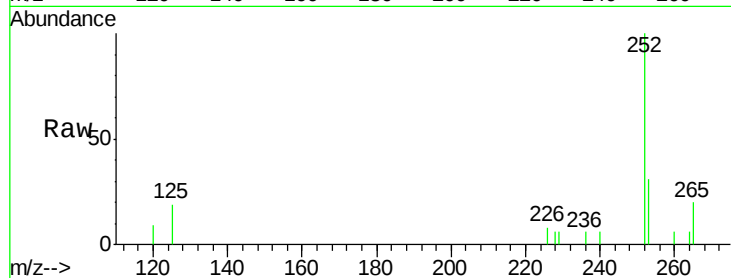
Tot Ion:252 Resp: 1801

Ion Ratio Lower Upper

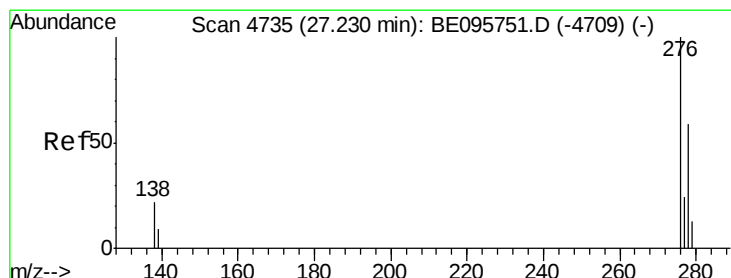
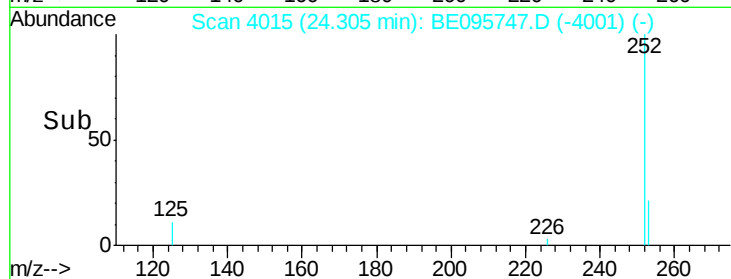
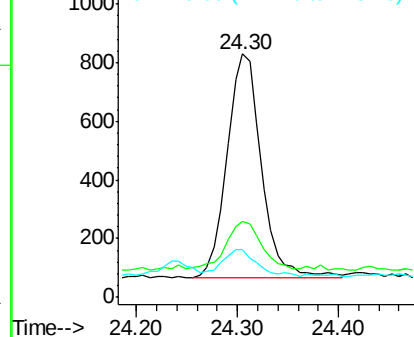
252 100

253 31.2 28.5 42.7

125 19.4 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: 0.095 ng/ul

RT: 27.24 min Scan# 4737

Delta R.T. 0.01 min

Lab File: BE095747.D

Acq: 13 Mar 2018 13:22

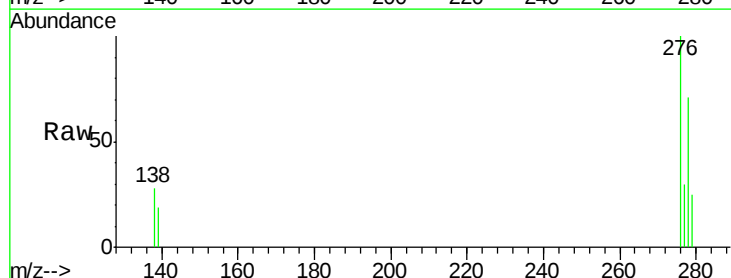
Tgt Ion:276 Resp: 1940

Ion Ratio Lower Upper

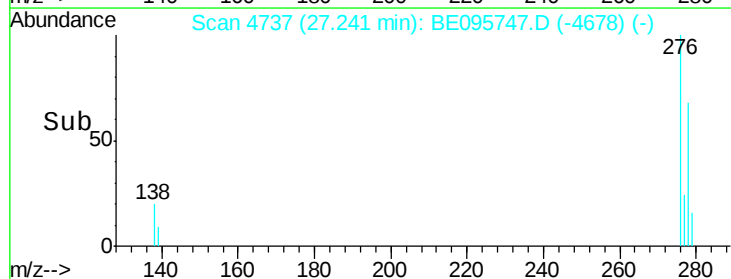
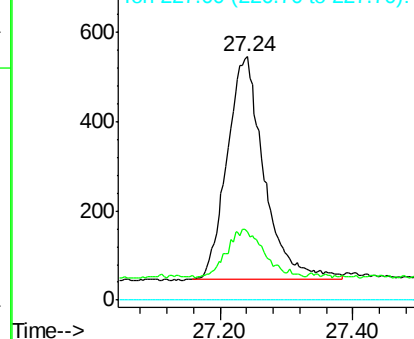
276 100

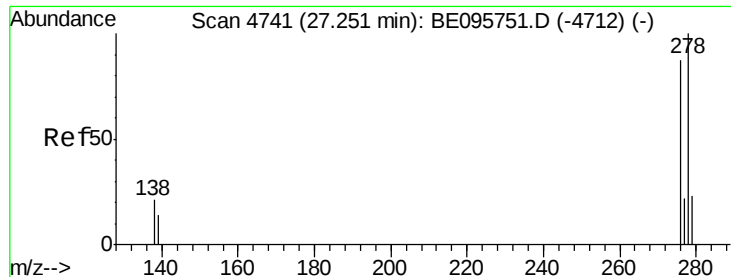
138 21.6 28.0 42.0#

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

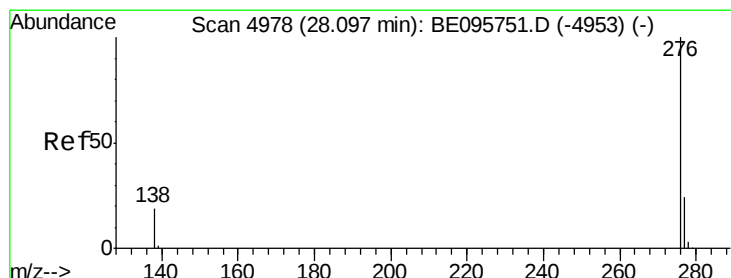
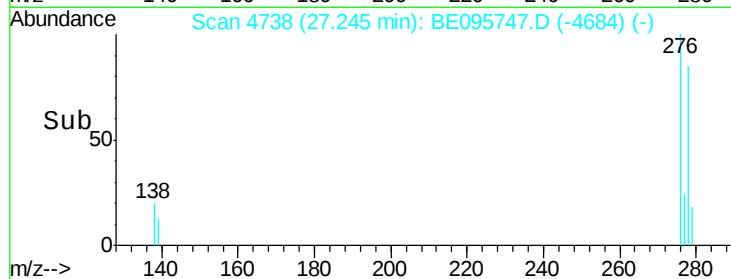
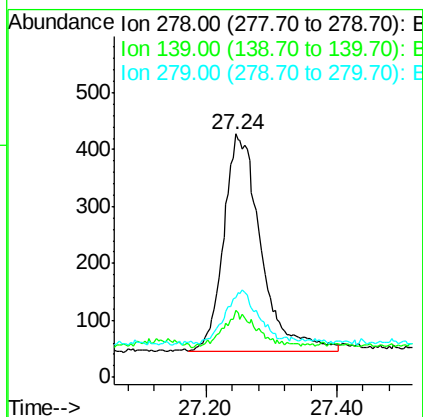
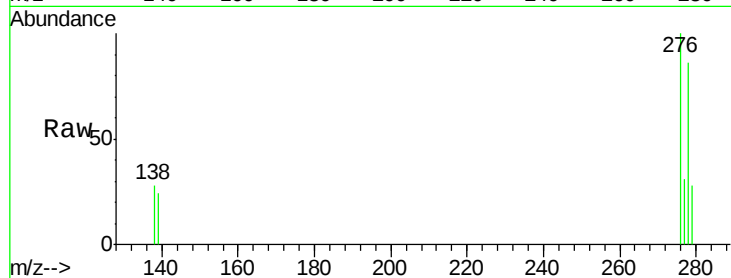




#25
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 27.24 min Scan# 4738
Delta R.T. -0.01 min
Lab File: BE095747.D
Acq: 13 Mar 2018 13:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 1517
Ion Ratio Lower Upper
278 100
139 27.3 17.4 26.0#
279 32.7 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 28.11 min Scan# 4981
Delta R.T. 0.01 min
Lab File: BE095747.D
Acq: 13 Mar 2018 13:22

Tgt Ion:276 Resp: 1682
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.8
277 29.7 20.5 30.7

