

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095813.D
 Acq On : 15 Mar 2018 20:51
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:41:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

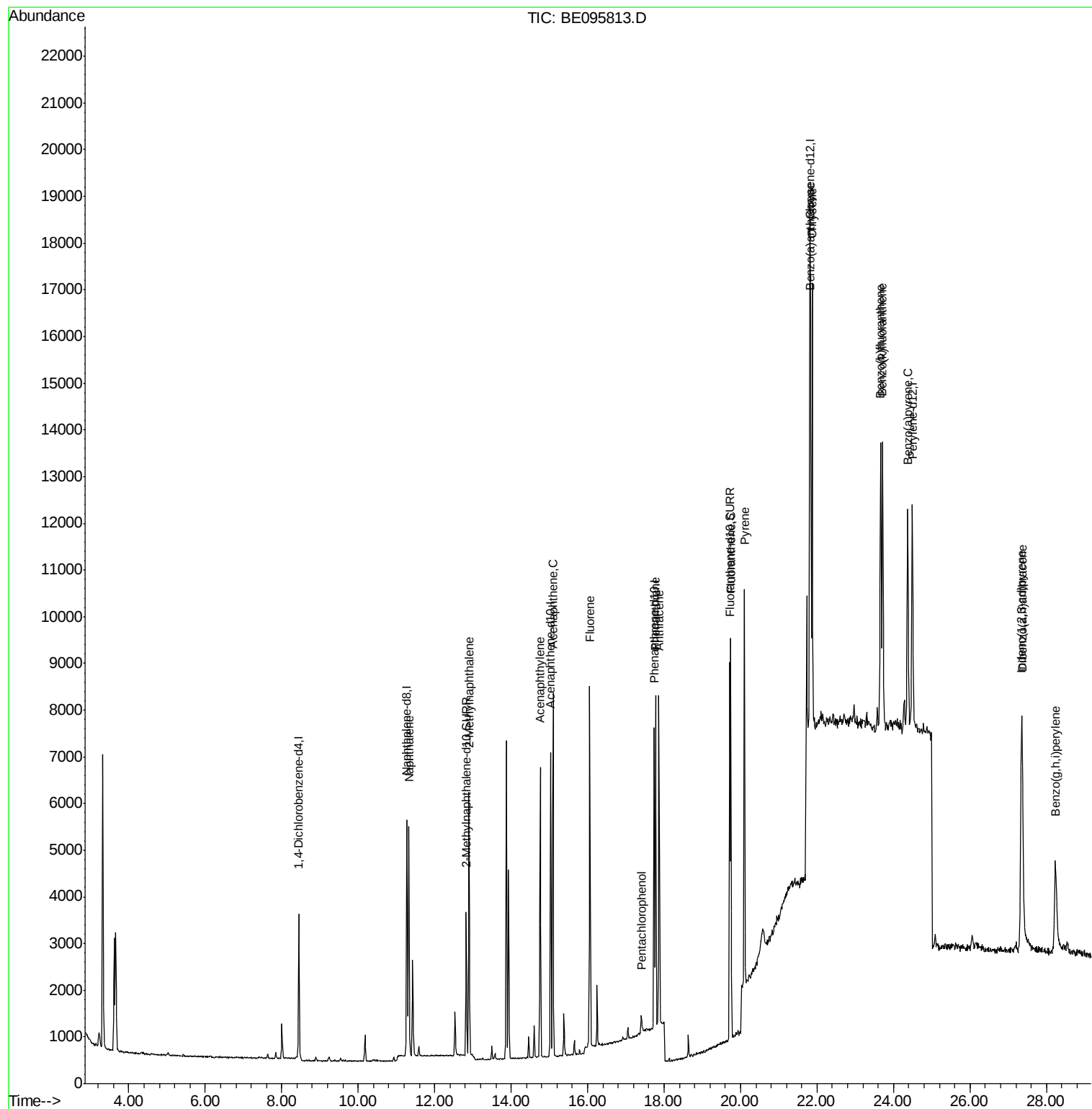
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2280	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	6587	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3563	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	7355	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	7514	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	7427	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3927	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	8915	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	6672	0.363	ng/ul#	89
5) 2-Methylnaphthalene	12.90	142	4513	0.353	ng/ul	100
7) Acenaphthylene	14.76	152	6794	0.378	ng/ul	97
8) Acenaphthene	15.09	153	4725	0.349	ng/ul	97
9) Fluorene	16.06	166	5149	0.350	ng/ul#	90
11) Pentachlorophenol	17.40	266	272	0.263	ng/ul	90
12) Phenanthrene	17.78	178	7794	0.354	ng/ul#	89
13) Anthracene	17.87	178	7877	0.382	ng/ul#	92
15) Fluoranthene	19.75	202	9721	0.364	ng/ul	84
17) Pyrene	20.10	202	9786	0.343	ng/ul#	77
18) Benzo(a)anthracene	21.82	228	9222	0.380	ng/ul#	89
19) Chrysene	21.87	228	8622	0.349	ng/ul#	85
21) Benzo(b)fluoranthene	23.67	252	9042	0.351	ng/ul	86
22) Benzo(k)fluoranthene	23.71	252	8508	0.348	ng/ul#	84
23) Benzo(a)pyrene	24.37	252	8483	0.361	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.35	276	8851	0.340	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.37	278	7285	0.350	ng/ul#	74
26) Benzo(g,h,i)perylene	28.24	276	6581	0.294	ng/ul#	72

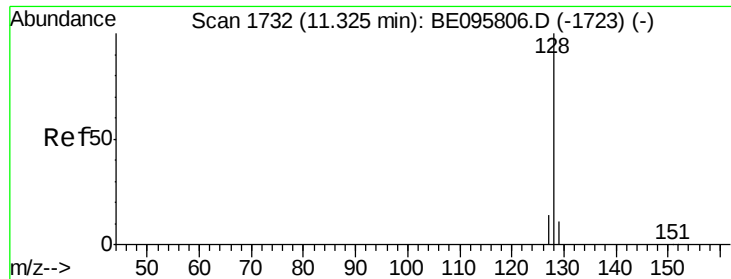
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.363 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

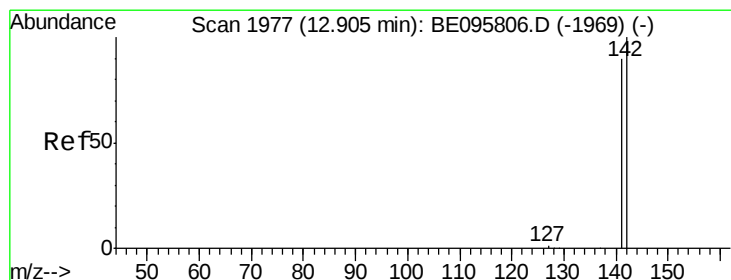
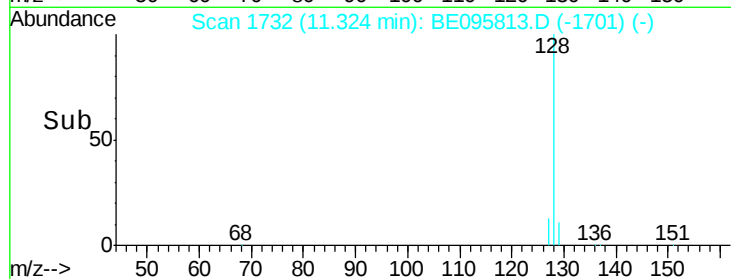
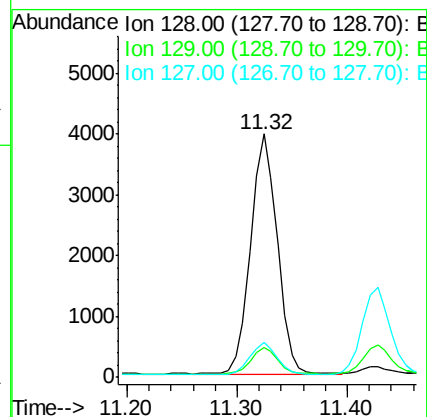
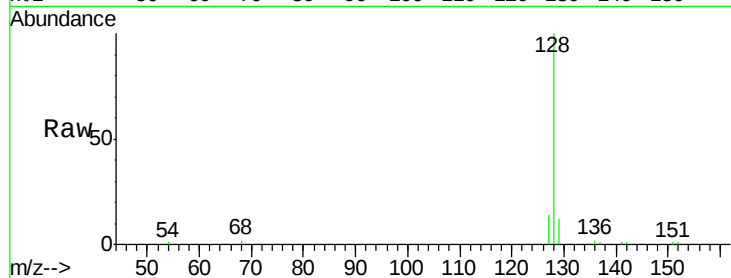
Tot Ion:128 Resp: 6672

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

127 14.2 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.353 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE095813.D

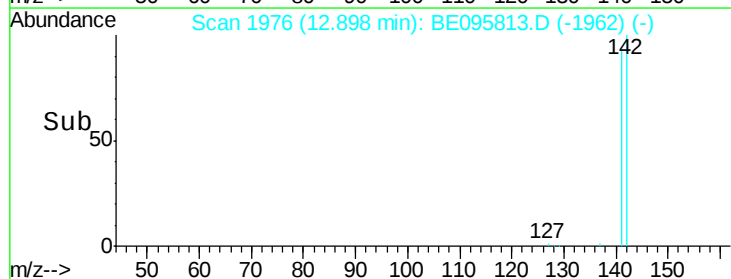
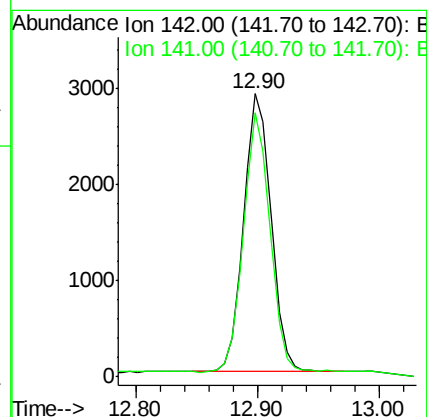
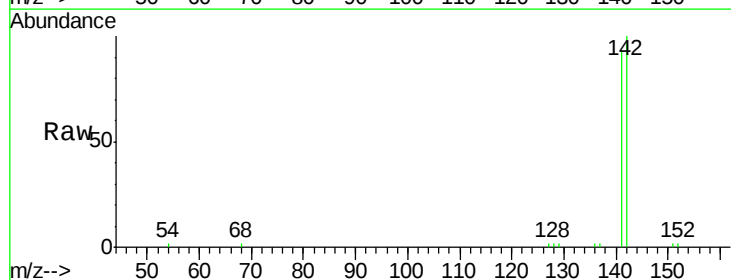
Acq: 15 Mar 2018 20:51

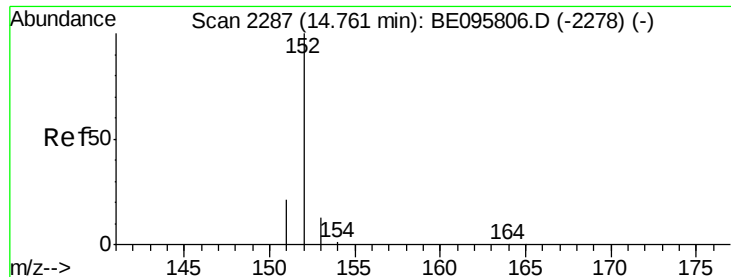
Tgt Ion:142 Resp: 4513

Ion Ratio Lower Upper

142 100

141 90.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.378 ng/ul

RT: 14.76 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

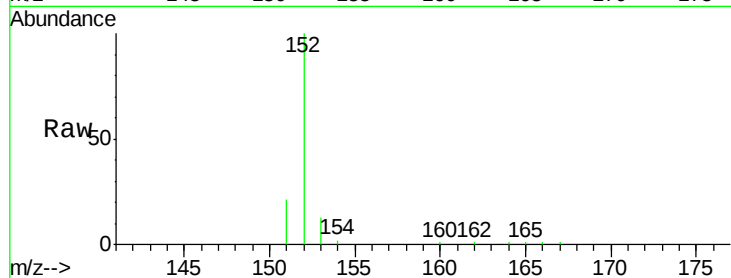
Tot Ion:152 Resp: 6794

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

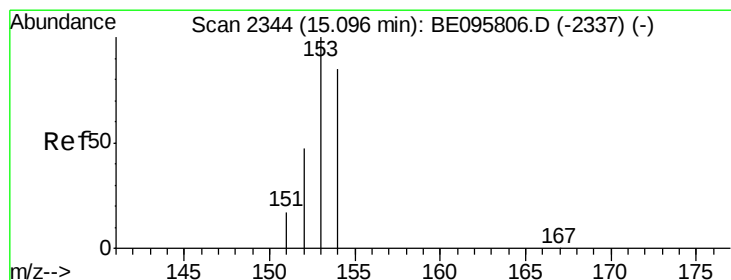
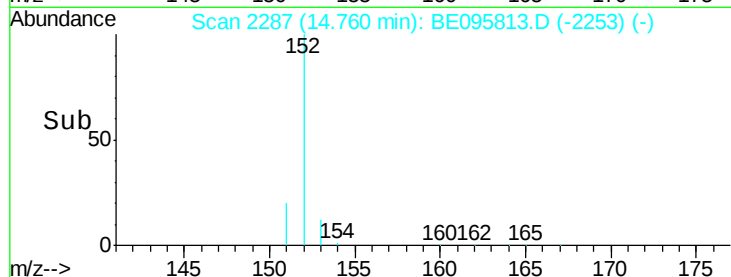
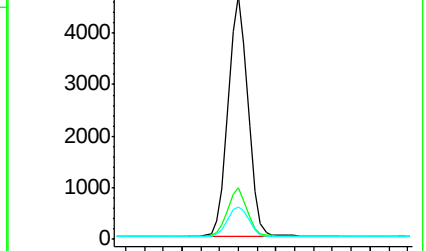
153 13.3 12.8 19.2



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: 0.349 ng/ul

RT: 15.09 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

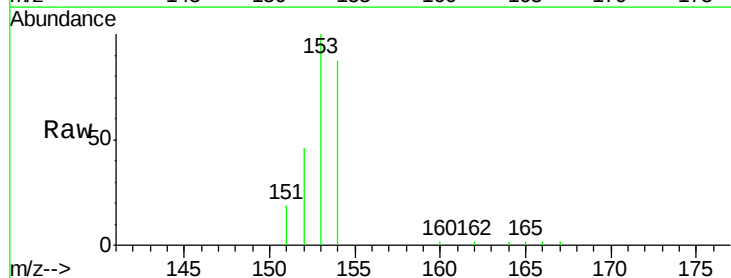
Tgt Ion:153 Resp: 4725

Ion Ratio Lower Upper

153 100

152 46.3 36.0 54.0

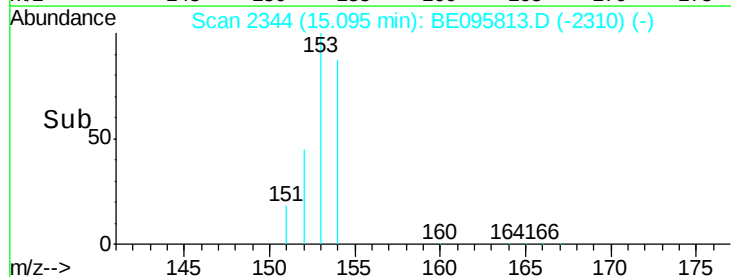
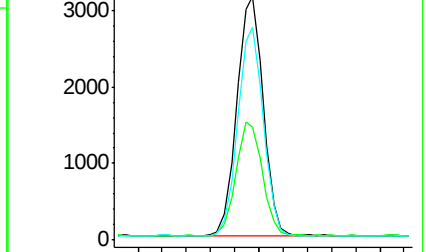
154 87.3 72.0 108.0

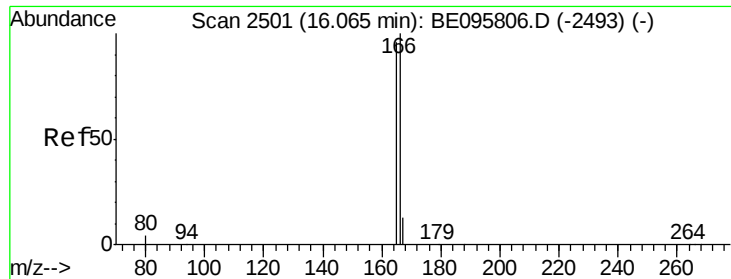


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.350 ng/ul

RT: 16.06 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

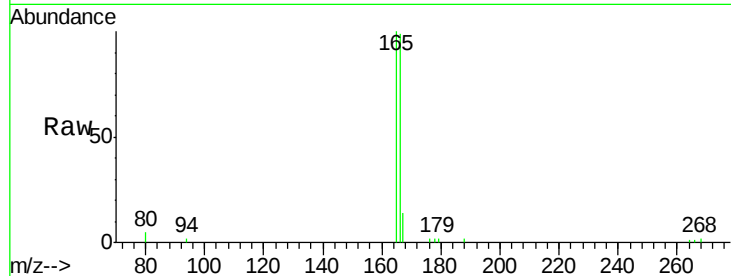
Tot Ion:166 Resp: 5149

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

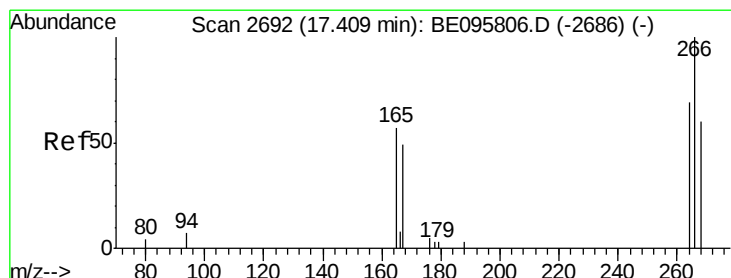
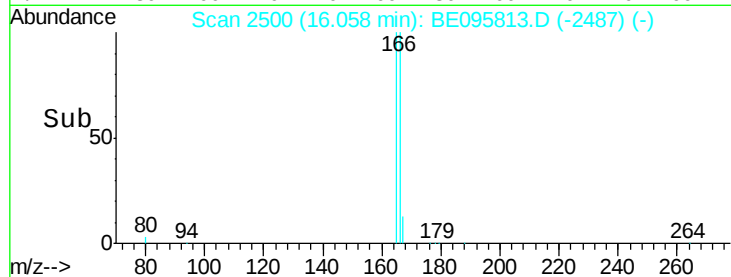
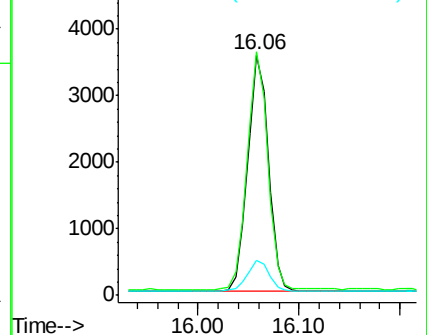
167 14.5 14.6 22.0#



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: 0.263 ng/ul

RT: 17.40 min Scan# 2691

Delta R.T. -0.01 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

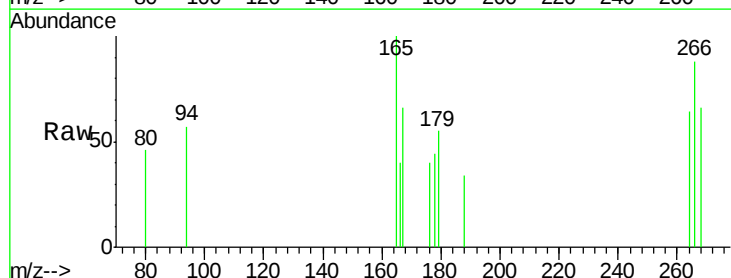
Tgt Ion:266 Resp: 272

Ion Ratio Lower Upper

266 100

264 65.4 47.9 71.9

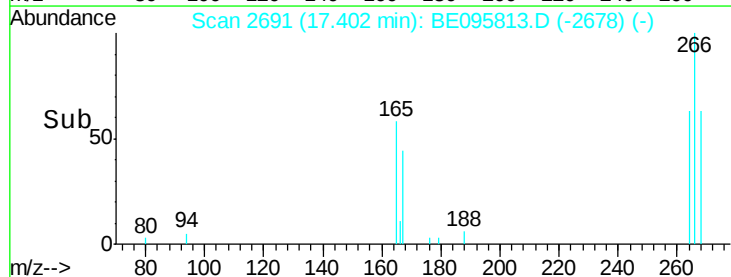
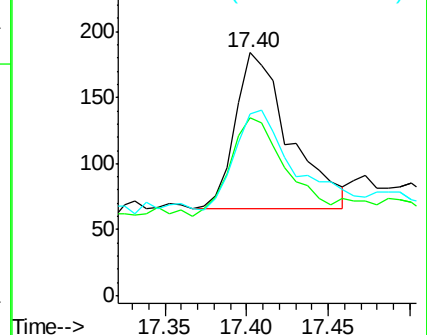
268 72.1 49.8 74.8

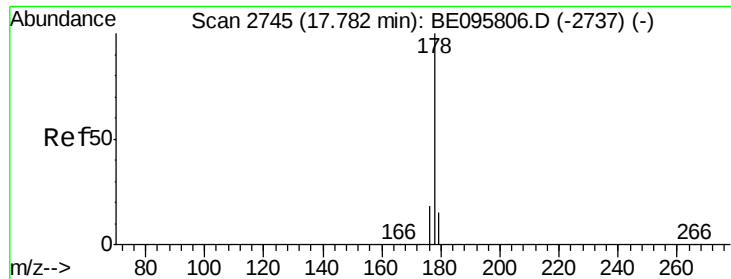


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.354 ng/ul

RT: 17.78 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

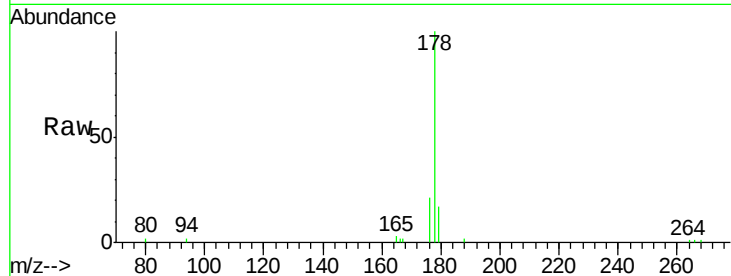
Tot Ion:178 Resp: 7794

Ion Ratio Lower Upper

178 100

179 17.0 18.4 27.6#

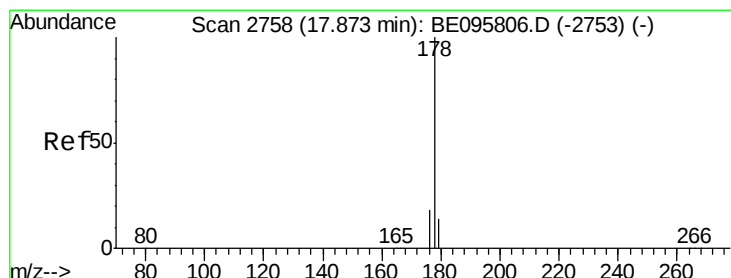
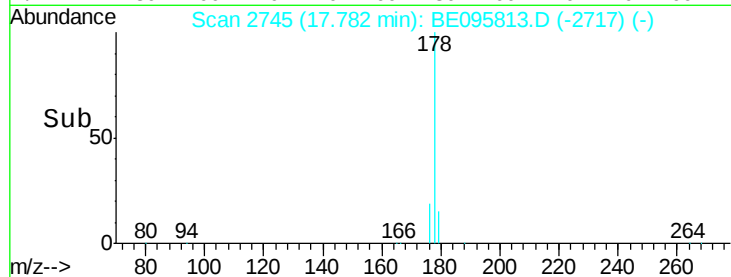
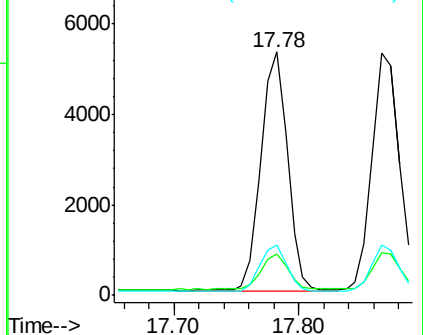
176 20.6 13.6 20.4#



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: 0.382 ng/ul

RT: 17.87 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

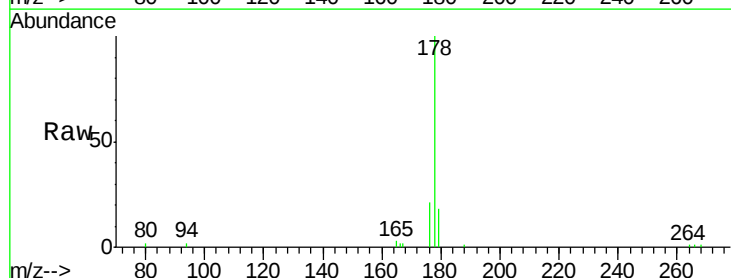
Tgt Ion:178 Resp: 7877

Ion Ratio Lower Upper

178 100

179 17.7 18.1 27.1#

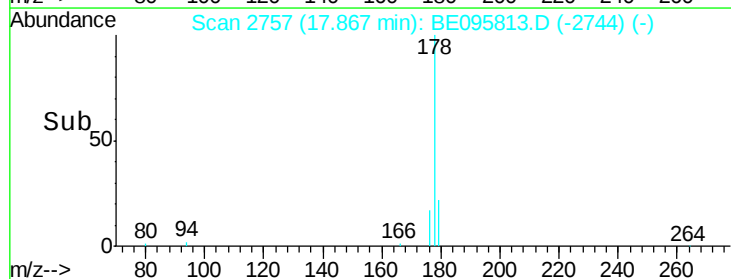
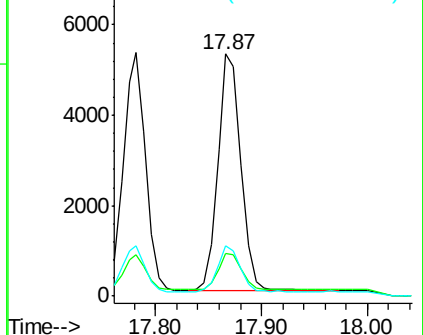
176 20.8 14.7 22.1

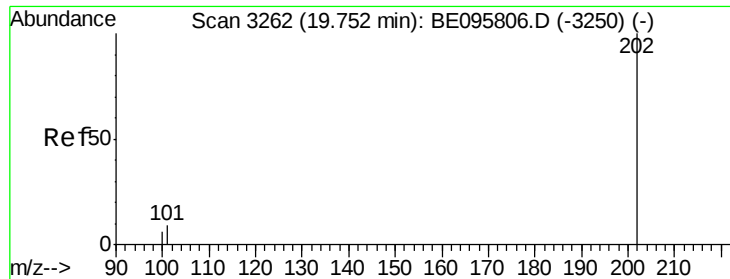


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.364 ng/ul

RT: 19.75 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

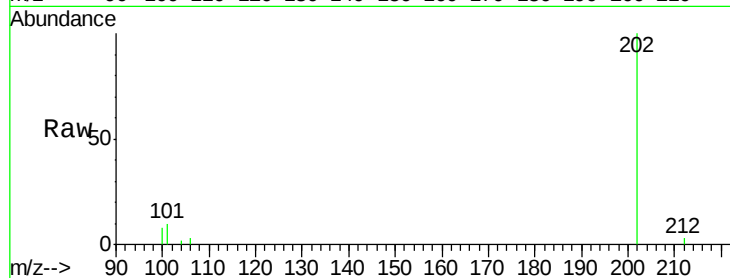
Tot Ion:202 Resp: 9721

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.3

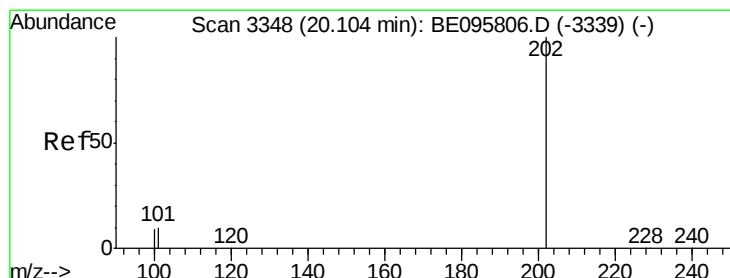
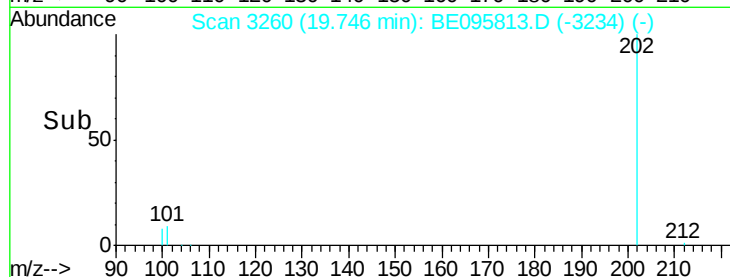
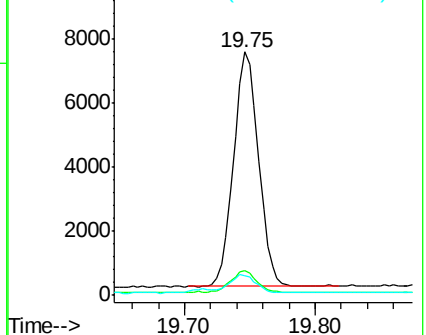
100 8.2 0.0 39.5



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: 0.343 ng/ul

RT: 20.10 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

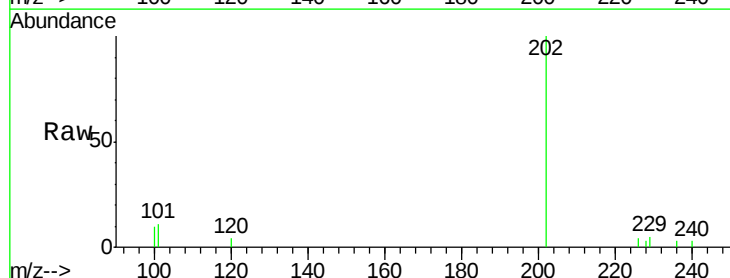
Tgt Ion:202 Resp: 9786

Ion Ratio Lower Upper

202 100

101 11.3 18.2 27.4#

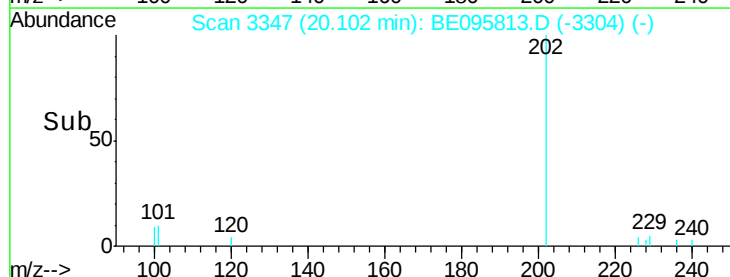
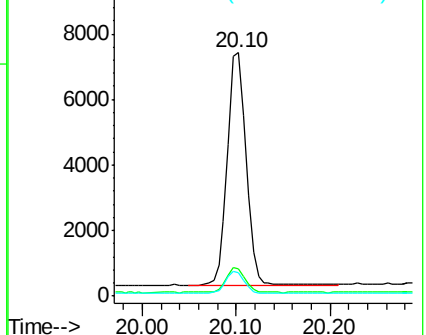
100 9.9 15.6 23.4#

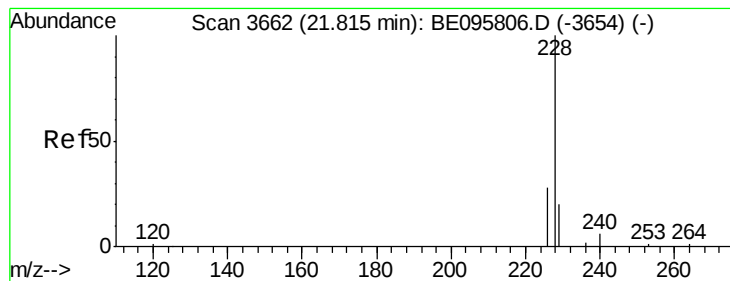


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.380 ng/ul

RT: 21.82 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

Instrument :

BNA_E

ClientSampleId :

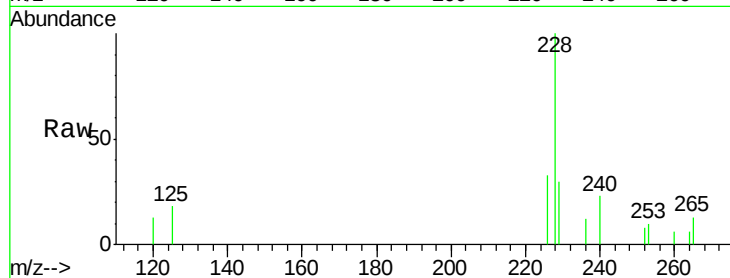
Tot Ion:228 Resp: 9222

Ion Ratio Lower Upper

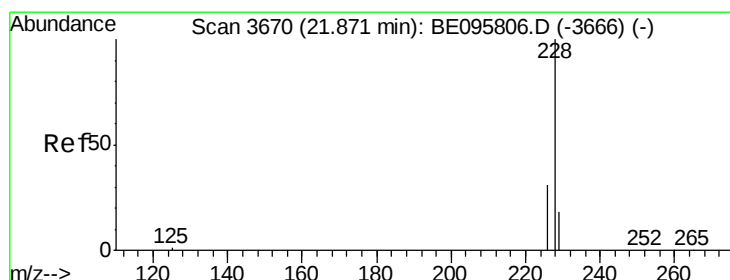
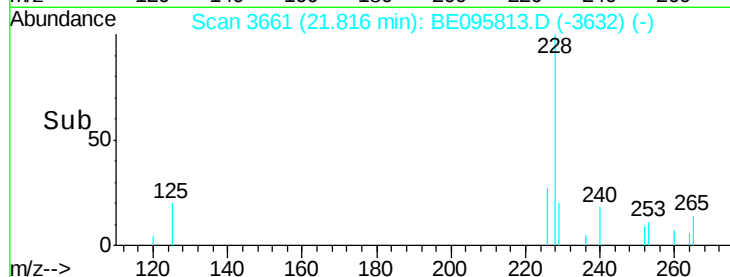
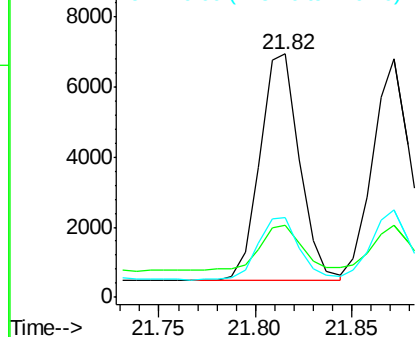
228 100

229 29.5 22.8 34.2

226 32.5 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: 0.349 ng/ul

RT: 21.87 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BE095813.D

Acq: 15 Mar 2018 20:51

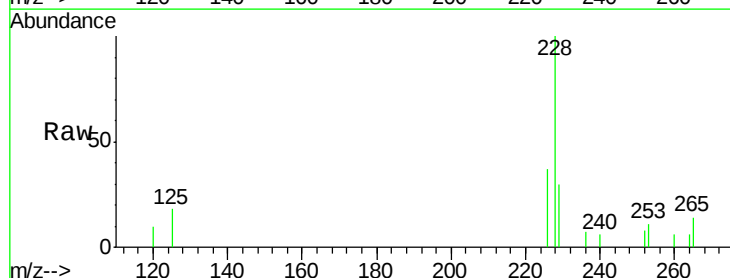
Tgt Ion:228 Resp: 8622

Ion Ratio Lower Upper

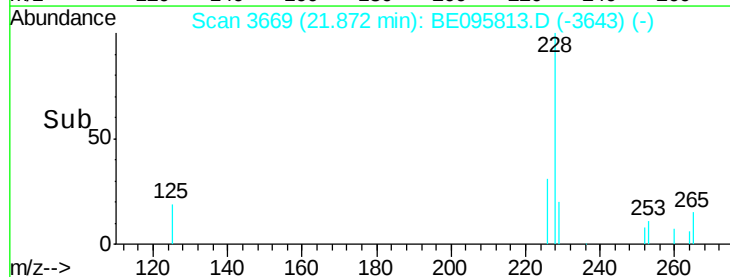
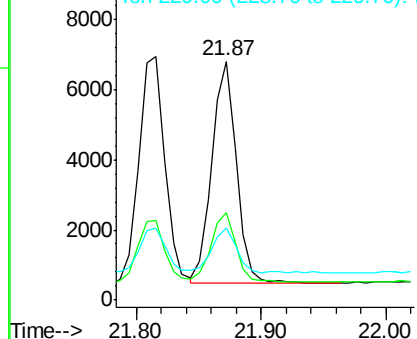
228 100

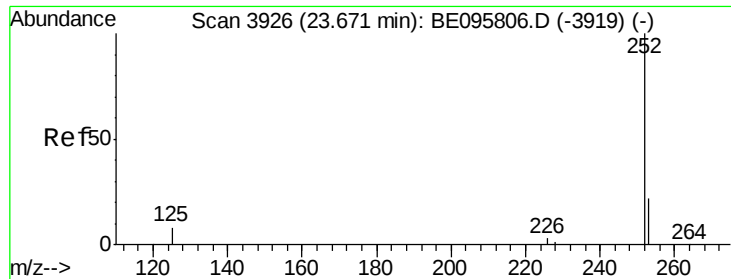
226 36.5 23.4 35.0#

229 30.2 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

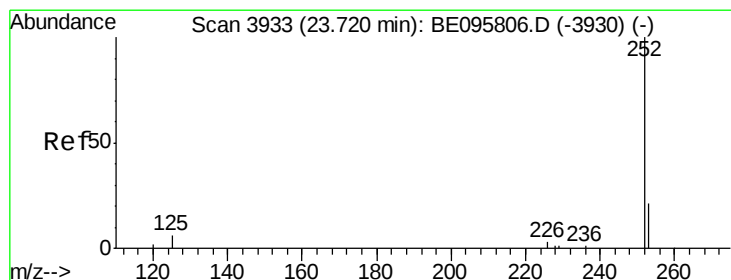
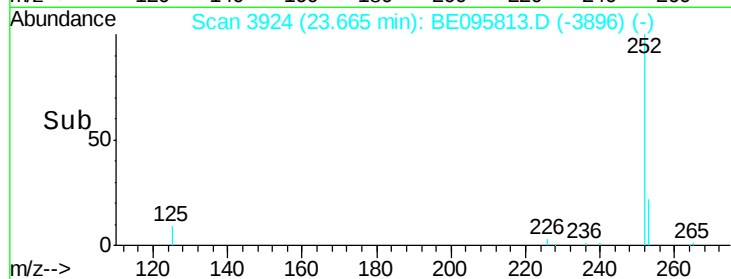
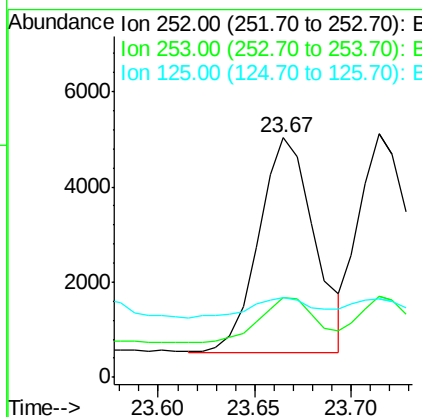
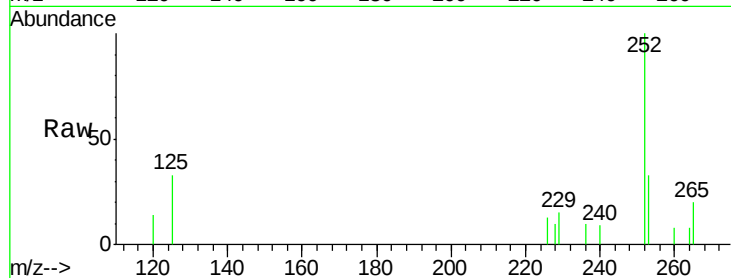




#21
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.67 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

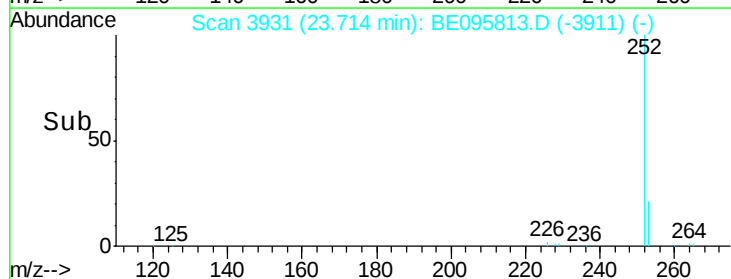
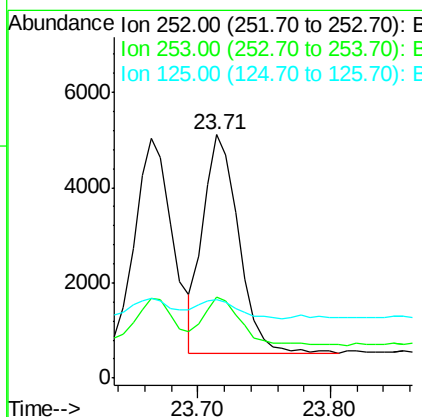
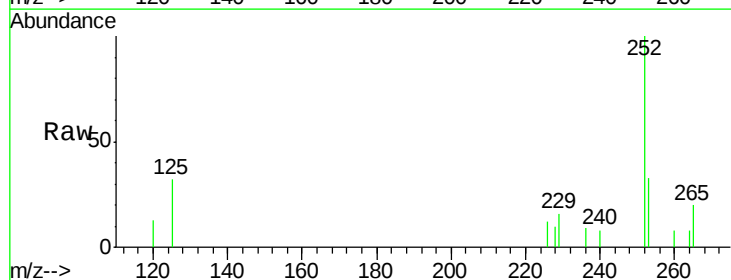
Instrument :
BNA_E
ClientSampleId :

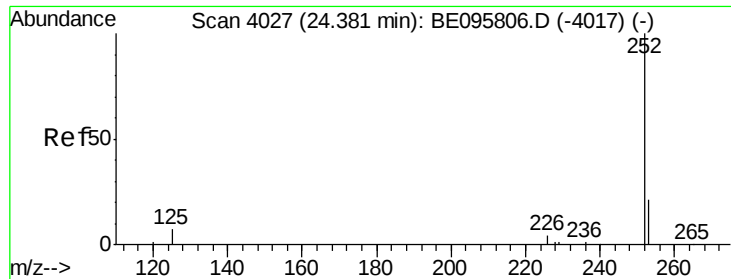
Tot Ion:252 Resp: 9042
Ion Ratio Lower Upper
252 100
253 33.4 0.0 64.2
125 33.4 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.71 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

Tgt Ion:252 Resp: 8508
Ion Ratio Lower Upper
252 100
253 33.2 24.5 36.7
125 32.3 13.7 20.5#

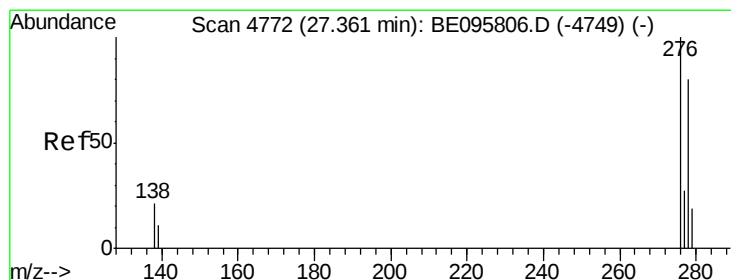
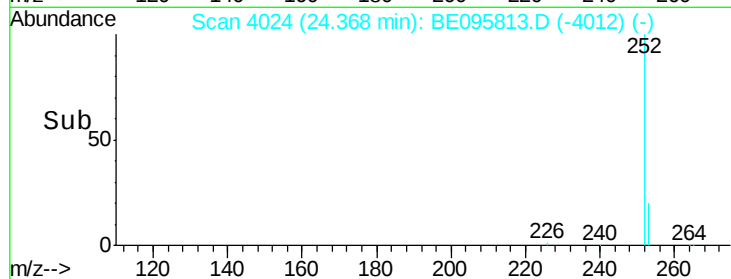
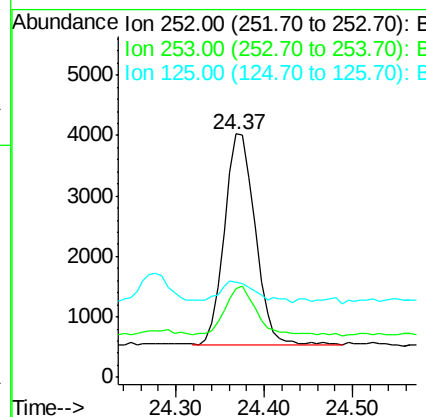
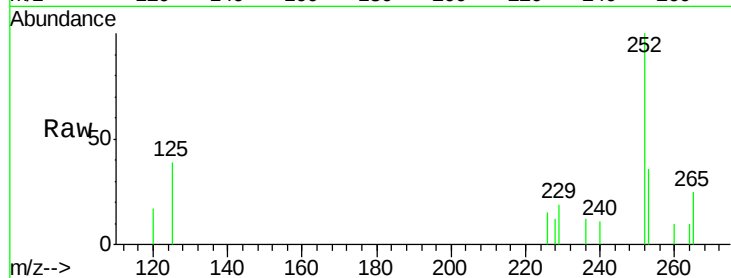




#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 24.37 min Scan# 4024
Delta R.T. -0.01 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

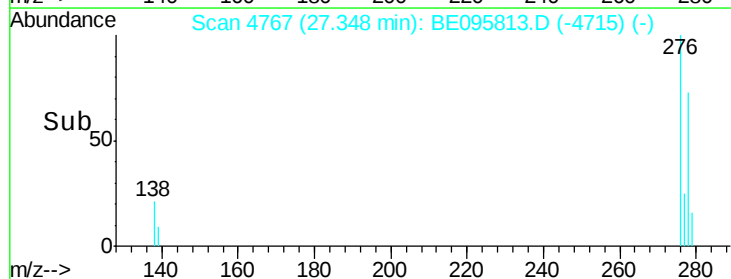
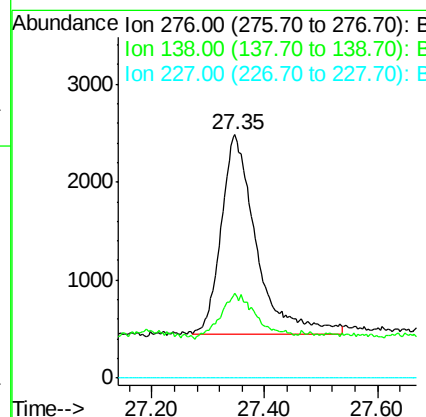
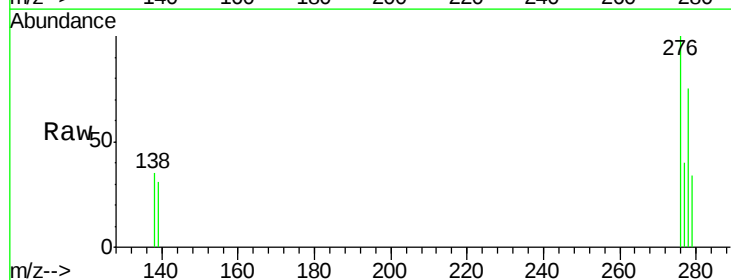
Instrument :
BNA_E
ClientSampleId :

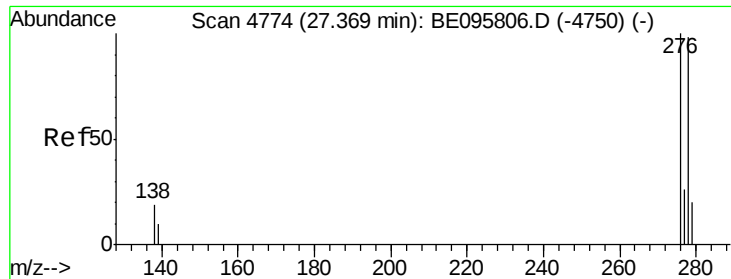
Tot Ion:252 Resp: 8483
Ion Ratio Lower Upper
252 100
253 36.3 28.5 42.7
125 39.1 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng/ul
RT: 27.35 min Scan# 4767
Delta R.T. -0.01 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

Tgt Ion:276 Resp: 8851
Ion Ratio Lower Upper
276 100
138 23.2 28.0 42.0#
227 0.0 8.0 12.0#



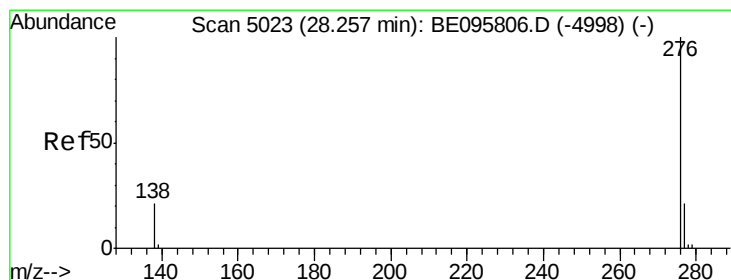
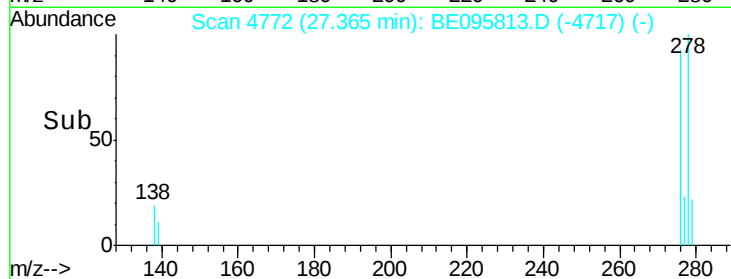
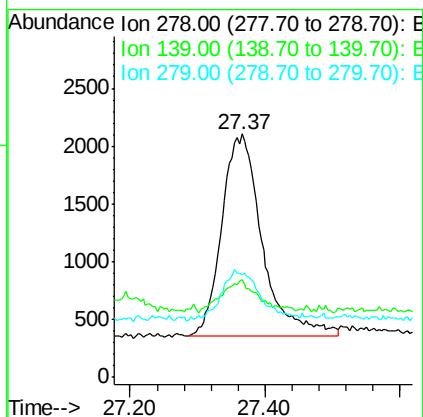
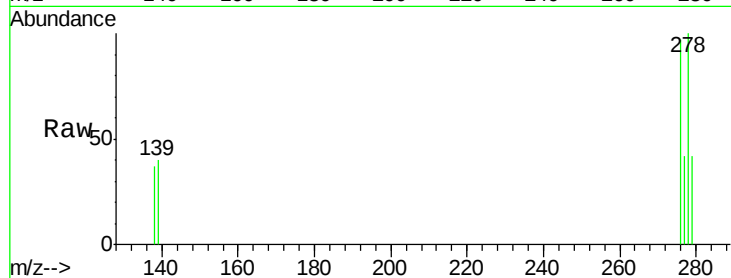


#25

Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 27.37 min Scan# 4772
Delta R.T. -0.00 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7285
Ion Ratio Lower Upper
278 100
139 40.1 17.4 26.0#
279 42.1 25.9 38.9#



#26

Benzo(g,h,i)perylene
Concen: 0.294 ng/ul
RT: 28.24 min Scan# 5017
Delta R.T. -0.02 min
Lab File: BE095813.D
Acq: 15 Mar 2018 20:51

Tgt Ion:276 Resp: 6581
Ion Ratio Lower Upper
276 100
138 37.6 21.8 32.8#
277 44.6 20.5 30.7#

