

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097447.D
 Acq On : 12 Sep 2018 9:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:12:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

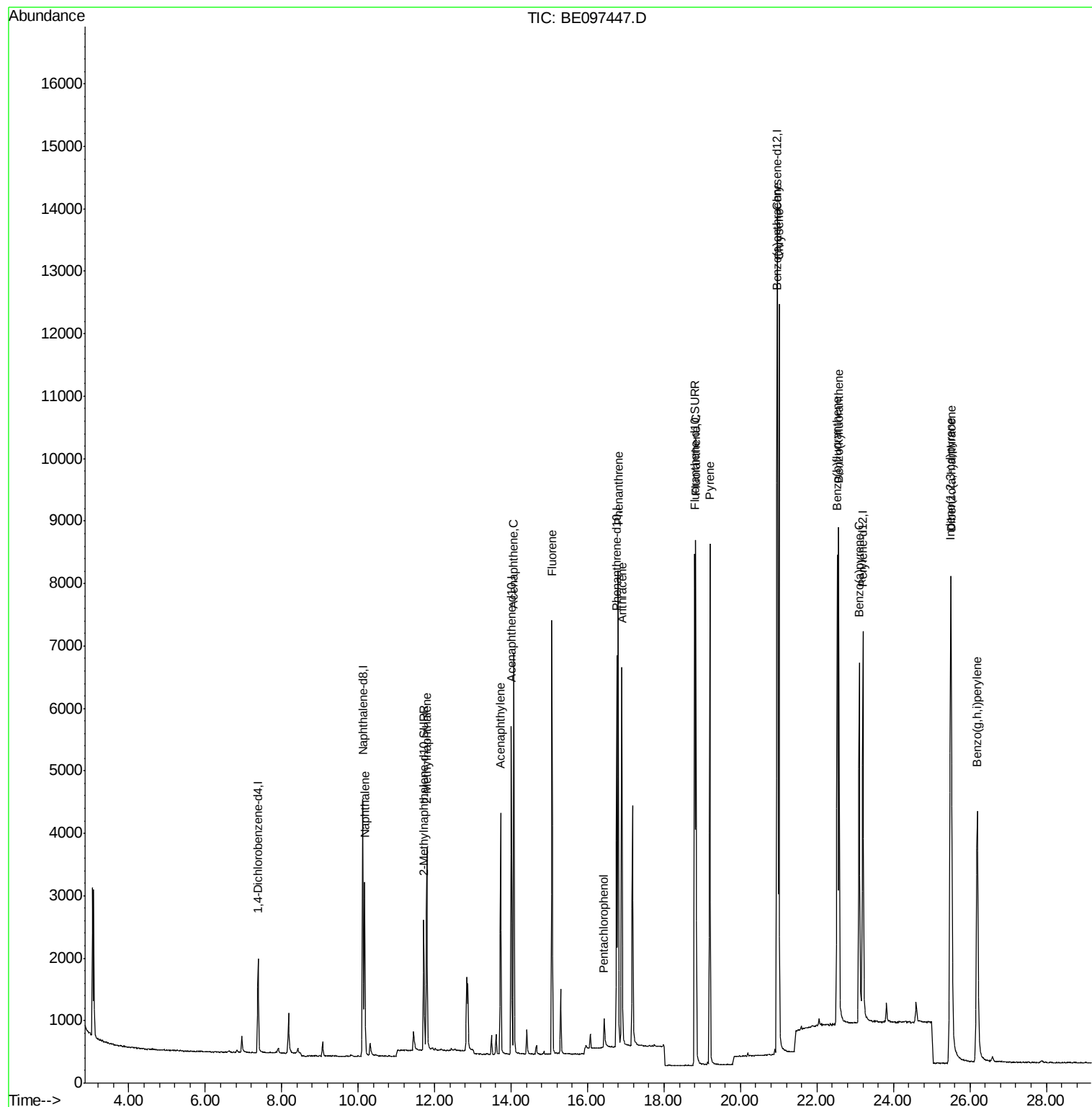
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	823	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4456	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2967	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7929	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8497	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	8507	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3137	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9592	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.16	128	4345	0.400	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	3094	0.451	ng/ul	97
7) Acenaphthylene	13.72	152	4611	0.427	ng/ul	97
8) Acenaphthene	14.07	153	3736	0.402	ng/ul	96
9) Fluorene	15.07	166	4381	0.411	ng/ul	92
11) Pentachlorophenol	16.43	266	322	0.412	ng/ul	97
12) Phenanthrene	16.80	178	8191	0.401	ng/ul#	88
13) Anthracene	16.90	178	7220	0.421	ng/ul#	91
15) Fluoranthene	18.83	202	9510	0.363	ng/ul	84
17) Pyrene	19.20	202	9384	0.410	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	9258	0.424	ng/ul#	86
19) Chrysene	21.00	228	10030	0.399	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	9503	0.417	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	9946	0.392	ng/ul#	87
23) Benzo(a)pyrene	23.10	252	9072	0.430	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.49	276	11610	0.425	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.51	278	9623	0.416	ng/ul#	88
26) Benzo(g,h,i)perylene	26.19	276	9717	0.417	ng/ul#	91

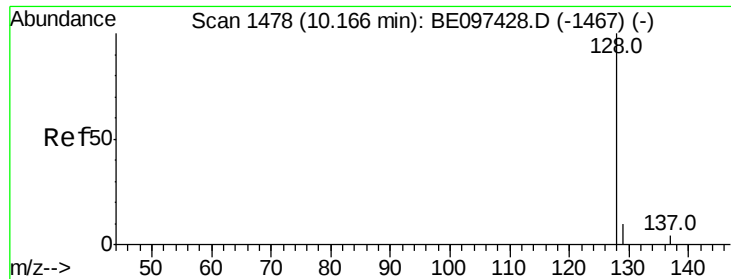
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.400 ng/ul

RT: 10.16 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

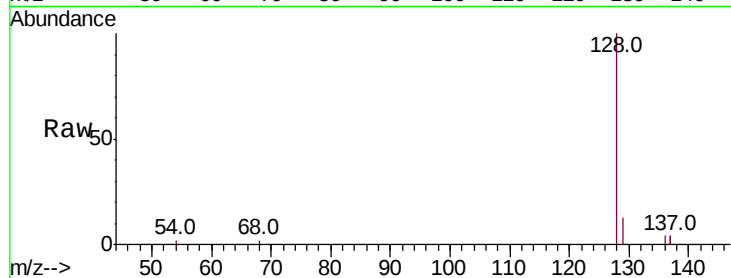
Tot Ion:128 Resp: 4345

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

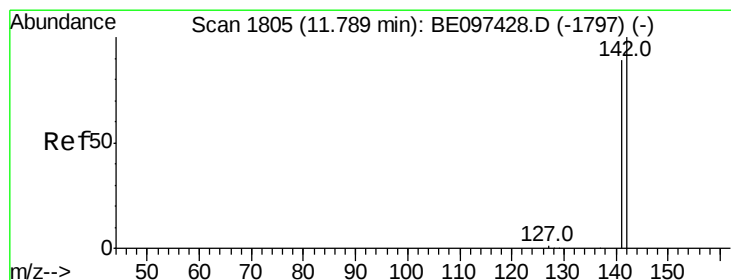
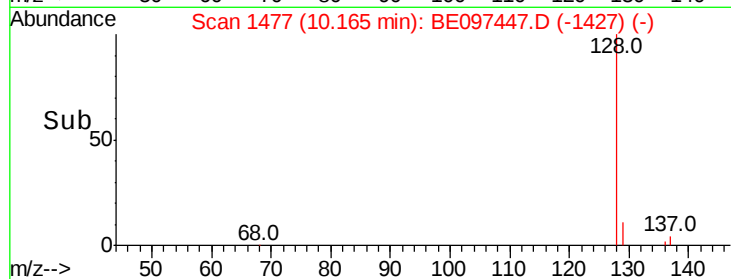
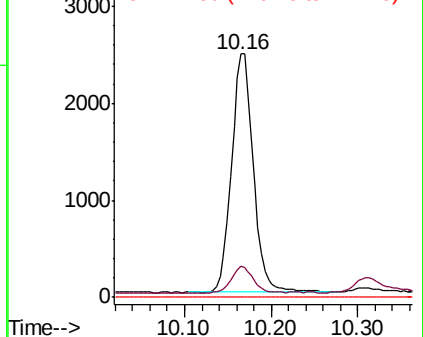
127 0.0 4.0 6.0#



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: 0.451 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BE097447.D

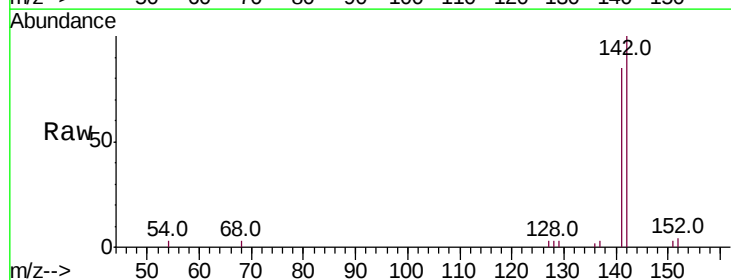
Acq: 12 Sep 2018 9:11

Tgt Ion:142 Resp: 3094

Ion Ratio Lower Upper

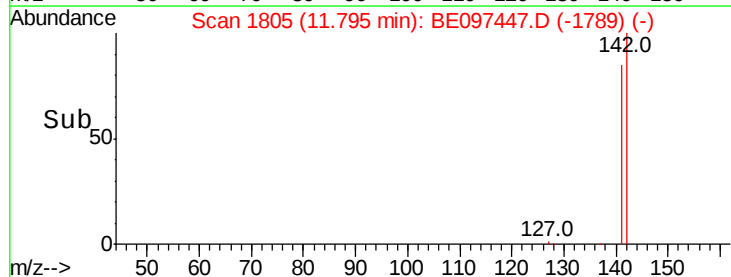
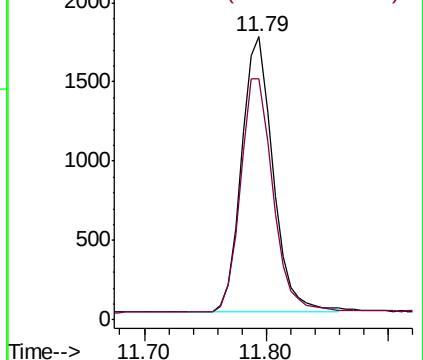
142 100

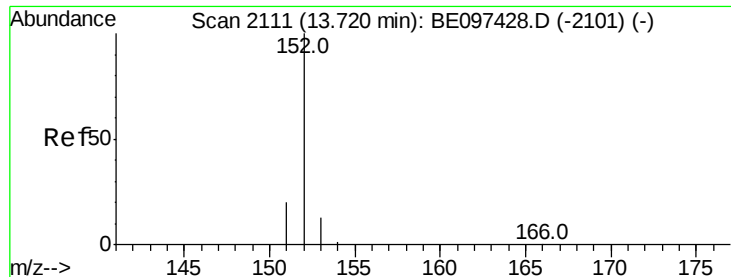
141 87.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.427 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

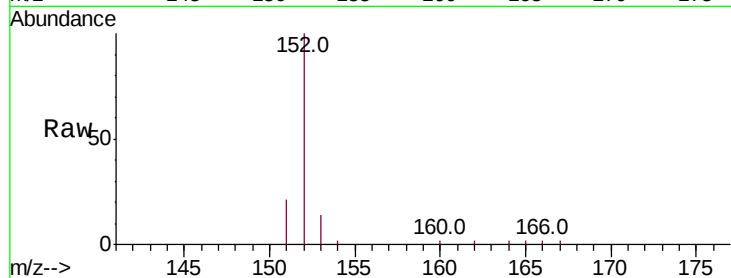
Tot Ion:152 Resp: 4611

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

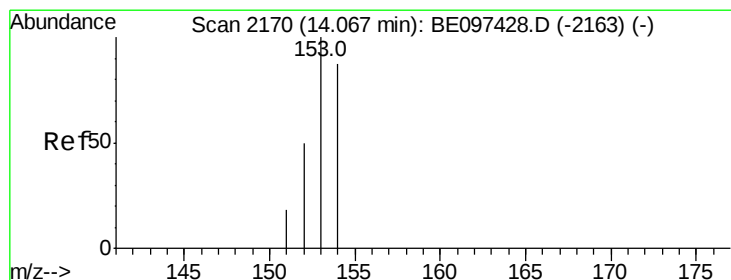
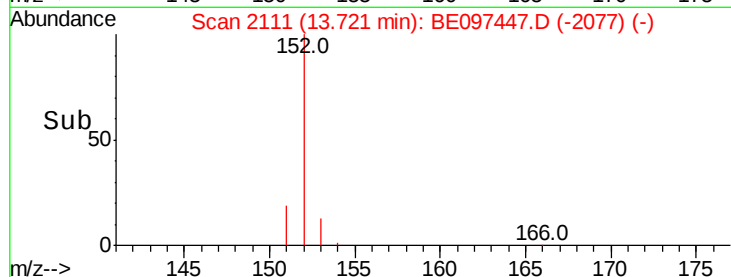
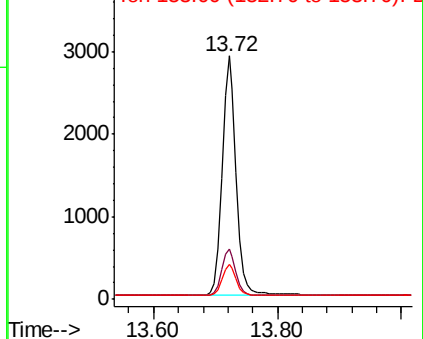
153 14.4 12.8 19.2



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: 0.402 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

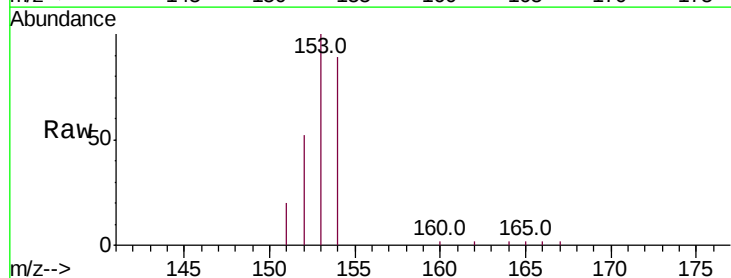
Tgt Ion:153 Resp: 3736

Ion Ratio Lower Upper

153 100

152 52.2 36.0 54.0

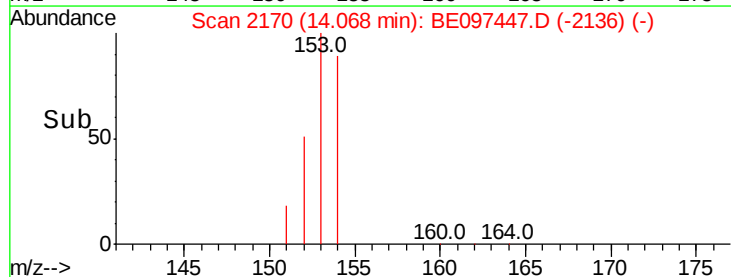
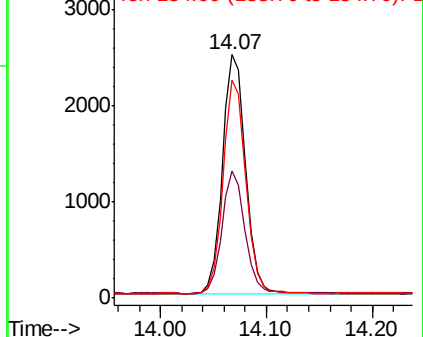
154 89.4 72.0 108.0

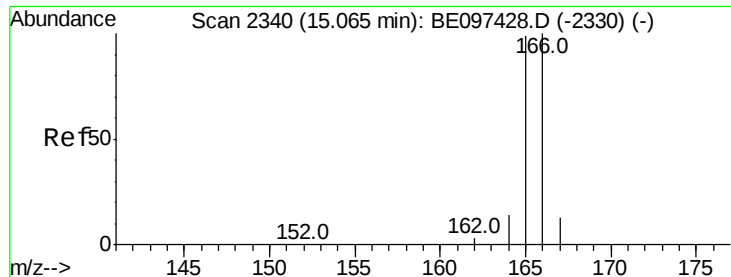


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

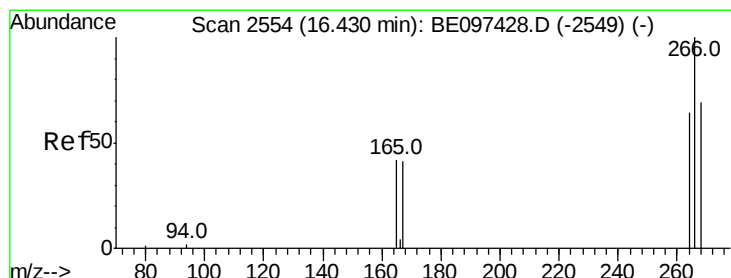
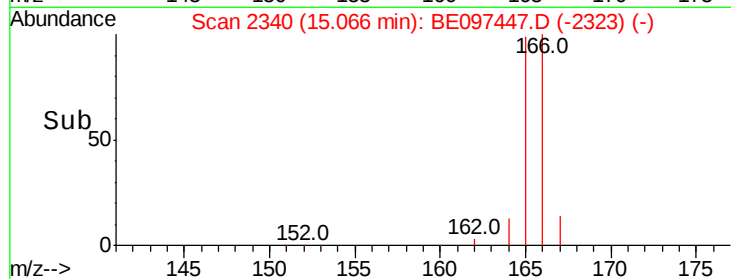
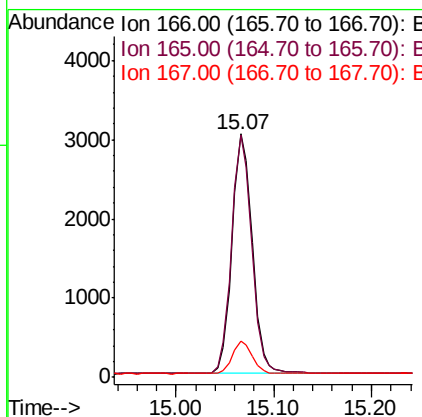
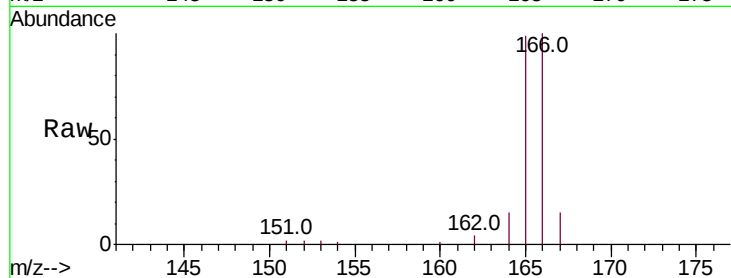




#9
Fluorene
 Concen: 0.411 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097447.D
 Acq: 12 Sep 2018 9:11

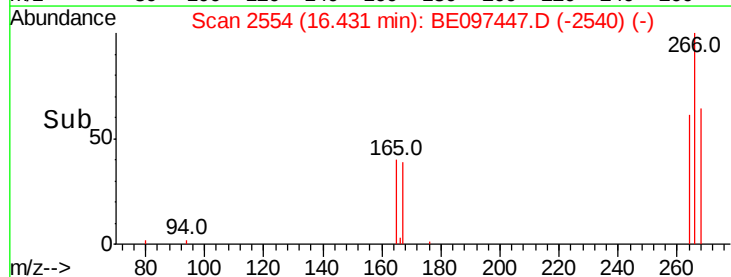
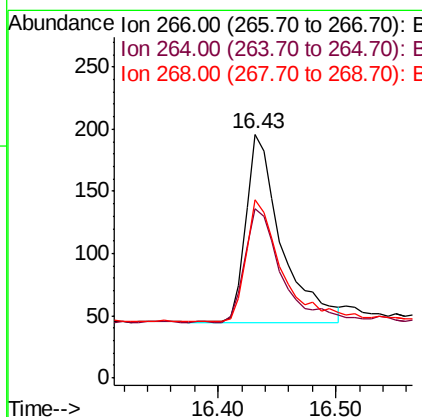
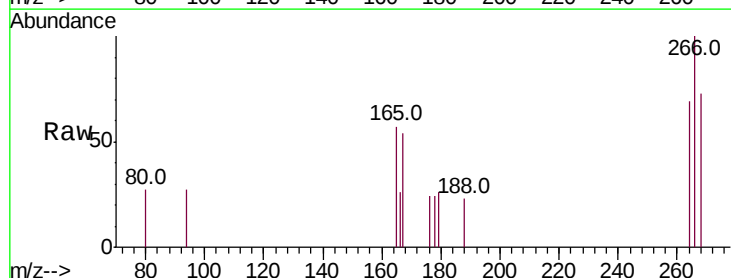
Instrument :
 BNA_E
 ClientSampleId :

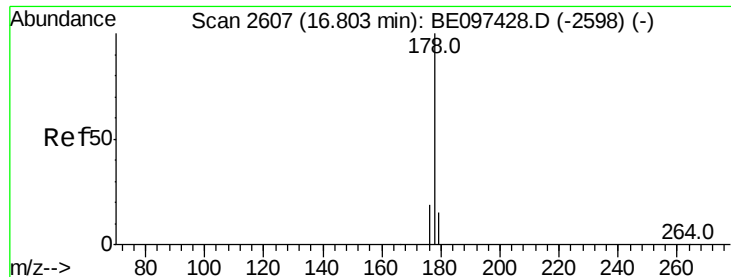
Tot Ion:166 Resp: 4381
 Ion Ratio Lower Upper
 166 100
 165 99.3 73.4 110.2
 167 15.0 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.412 ng/ul
 RT: 16.43 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BE097447.D
 Acq: 12 Sep 2018 9:11

Tgt Ion:266 Resp: 322
 Ion Ratio Lower Upper
 266 100
 264 62.4 47.9 71.9
 268 64.0 49.8 74.8





#12

Phenanthrene

Concen: 0.401 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

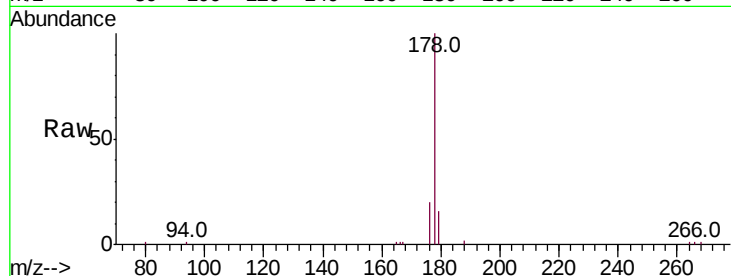
Tot Ion:178 Resp: 8191

Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

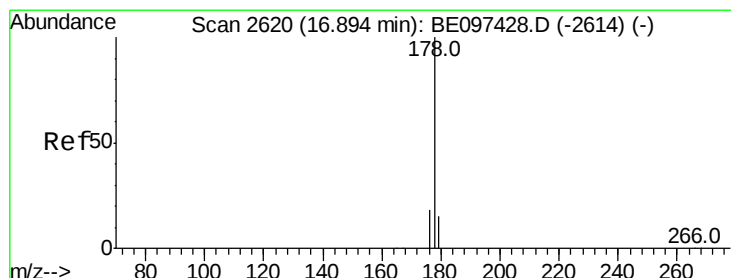
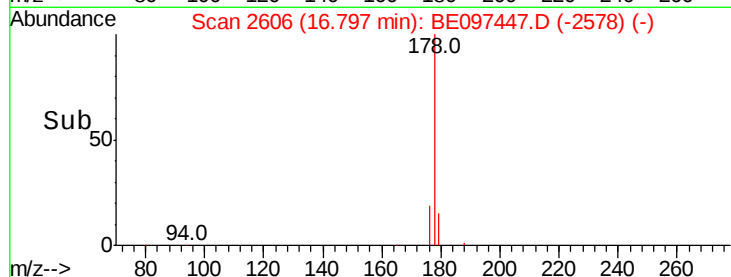
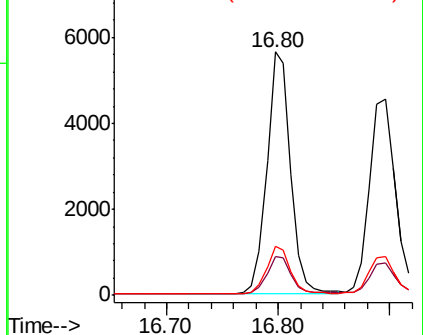
176 20.1 13.6 20.4



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: 0.421 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

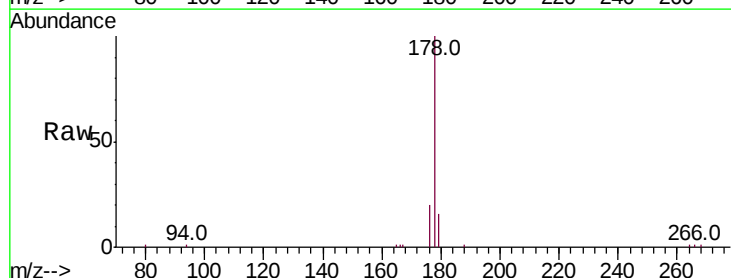
Tgt Ion:178 Resp: 7220

Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

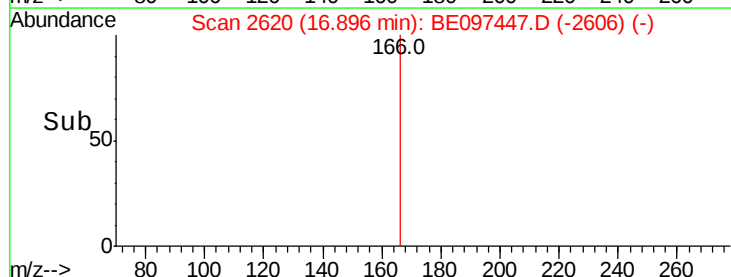
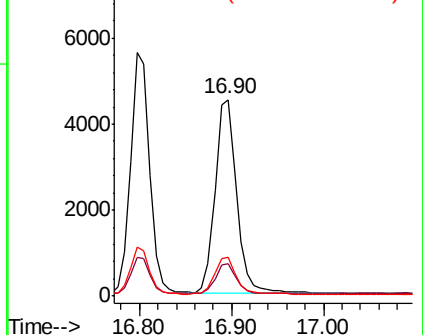
176 19.7 14.7 22.1

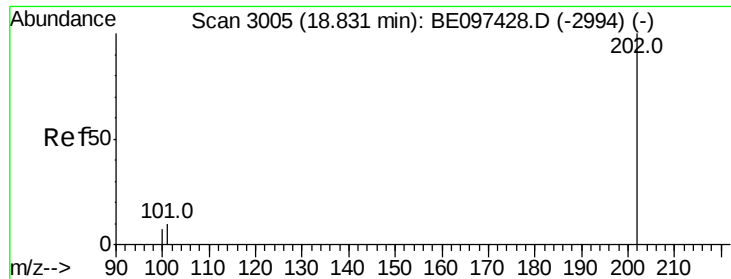


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.363 ng/ul

RT: 18.83 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

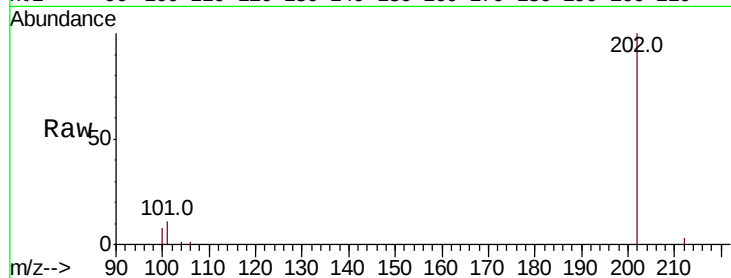
Tot Ion:202 Resp: 9510

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

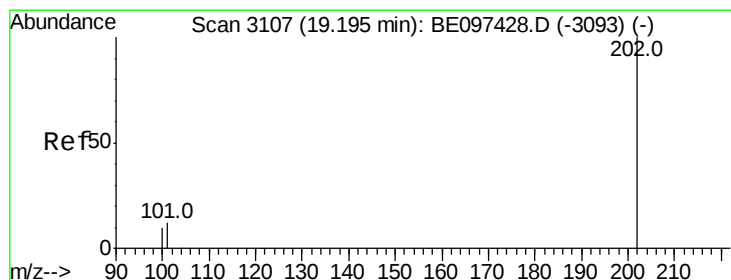
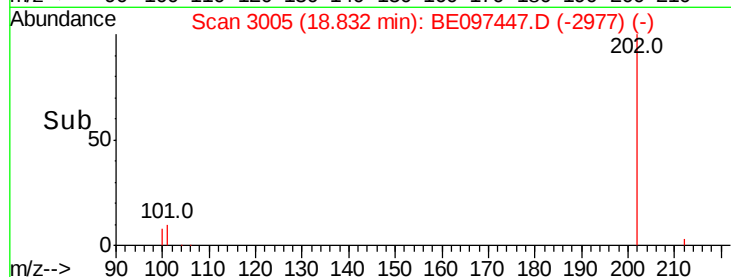
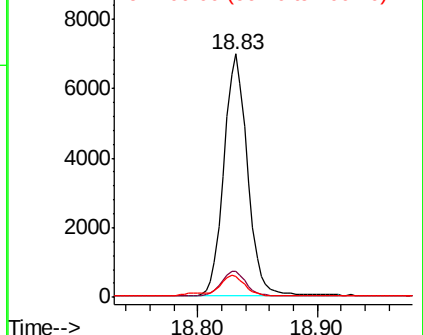
100 8.5 0.0 39.5



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: 0.410 ng/ul

RT: 19.20 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

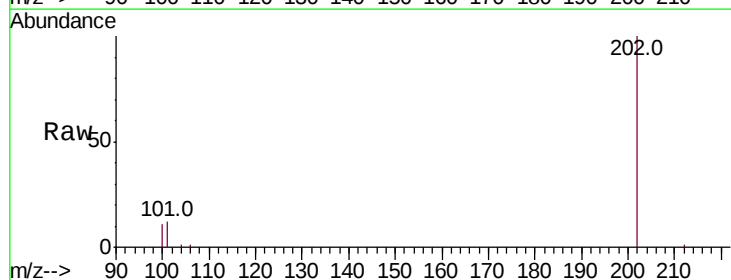
Tgt Ion:202 Resp: 9384

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

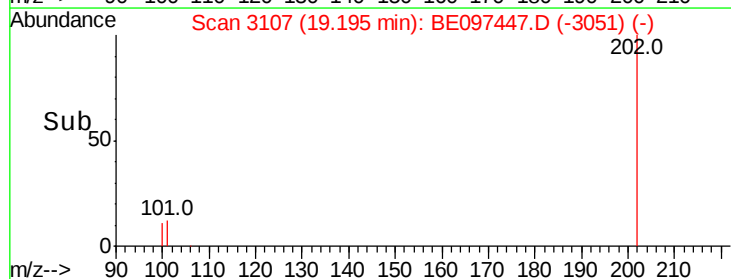
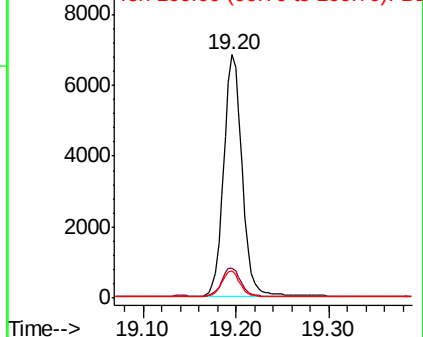
100 11.2 15.6 23.4#

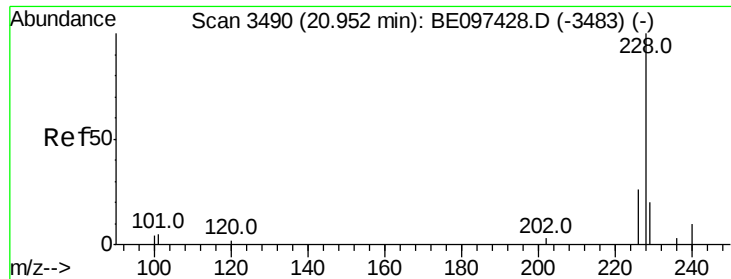


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.424 ng/ul

RT: 20.95 min Scan# 3490

Delta R.T. -0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

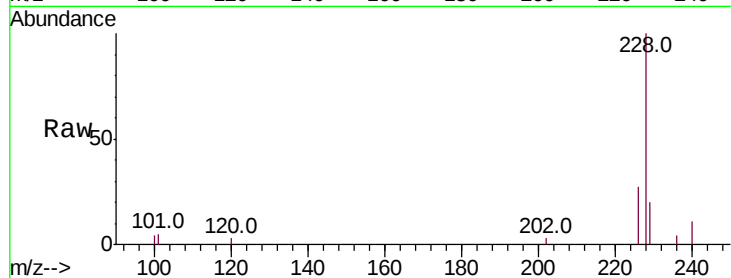
Tot Ion:228 Resp: 9258

Ion Ratio Lower Upper

228 100

229 20.2 22.8 34.2#

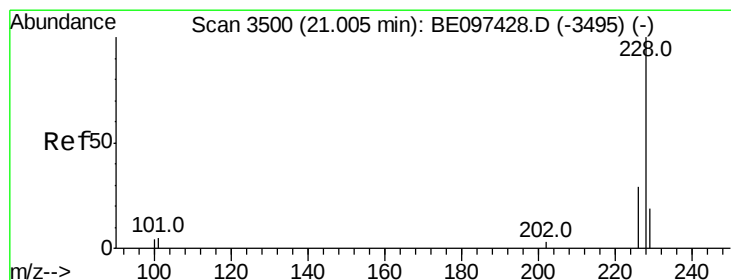
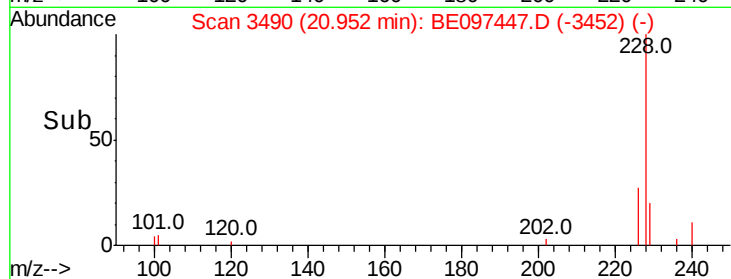
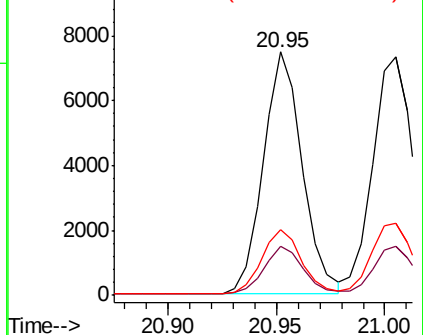
226 27.2 17.0 25.6#



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: 0.399 ng/ul

RT: 21.00 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

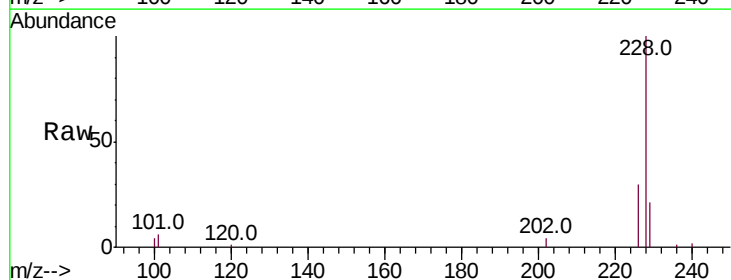
Tgt Ion:228 Resp: 10030

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

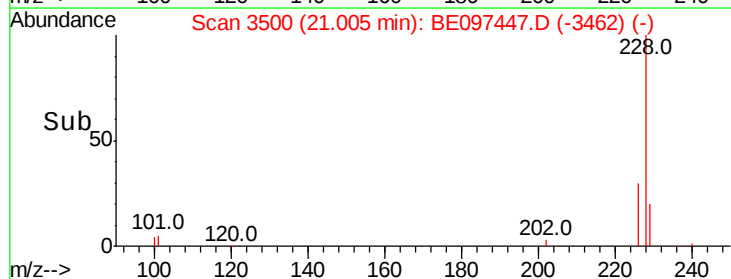
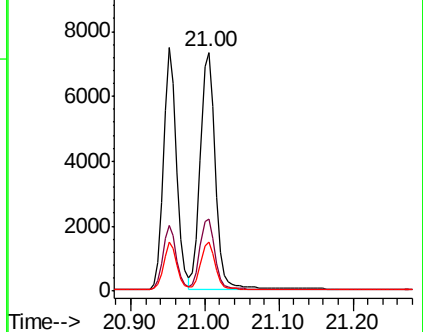
229 20.6 17.7 26.5

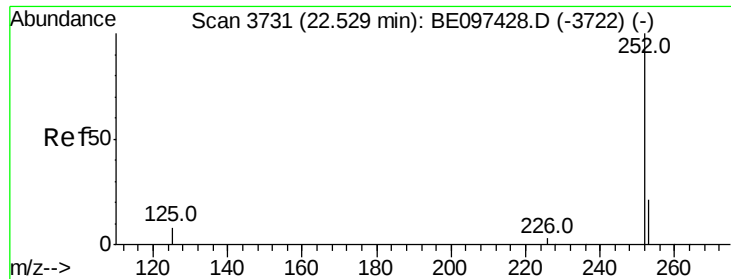


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.417 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

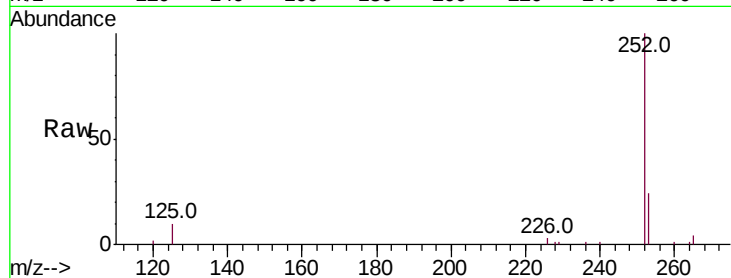
Tot Ion:252 Resp: 9503

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

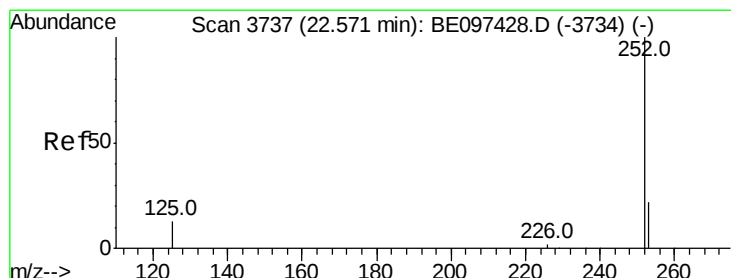
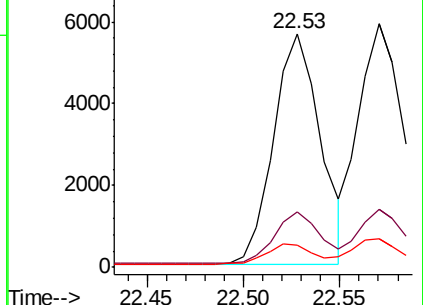
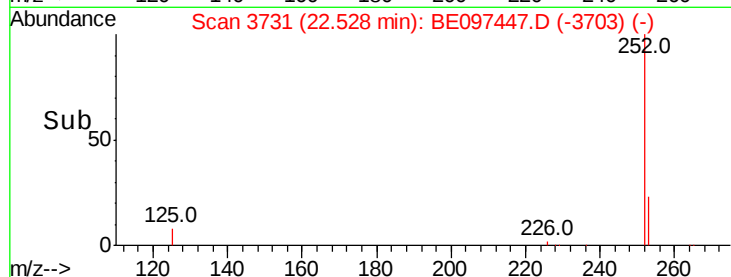
125 9.7 0.0 35.0



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: 0.392 ng/ul

RT: 22.57 min Scan# 3737

Delta R.T. -0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

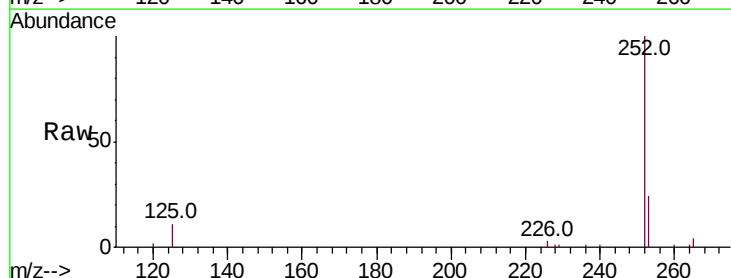
Tgt Ion:252 Resp: 9946

Ion Ratio Lower Upper

252 100

253 23.9 24.5 36.7#

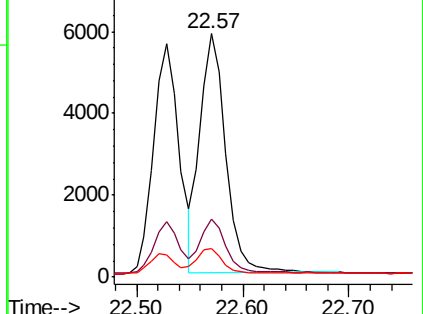
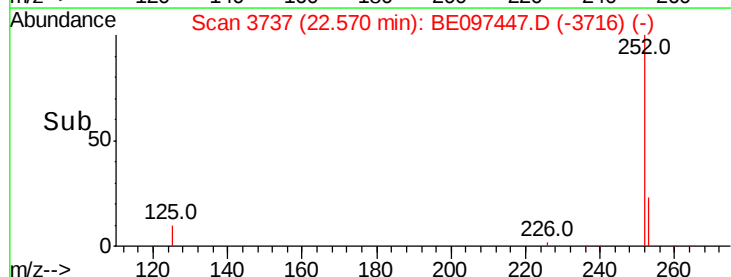
125 11.5 13.7 20.5#

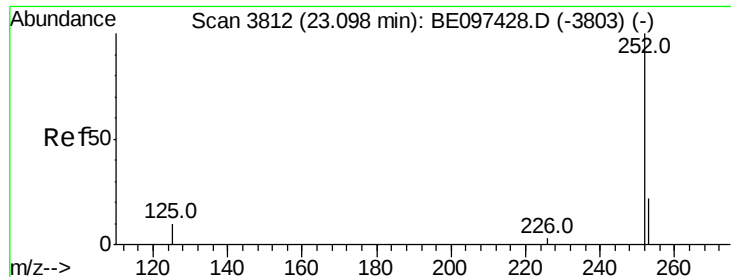


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.10 min Scan# 3813

Delta R.T. 0.01 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

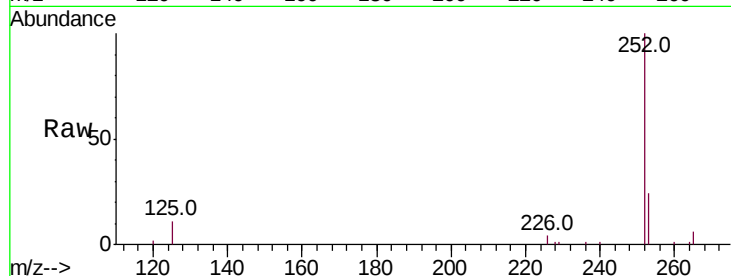
Tot Ion:252 Resp: 9072

Ion Ratio Lower Upper

252 100

253 24.3 28.5 42.7#

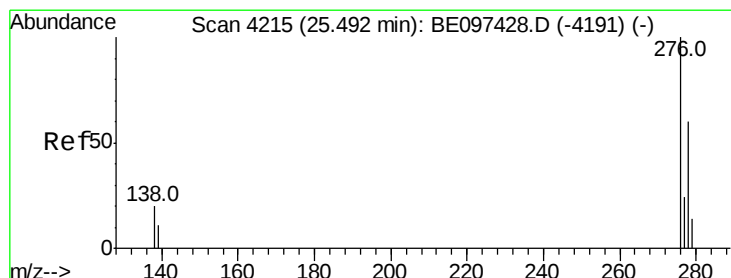
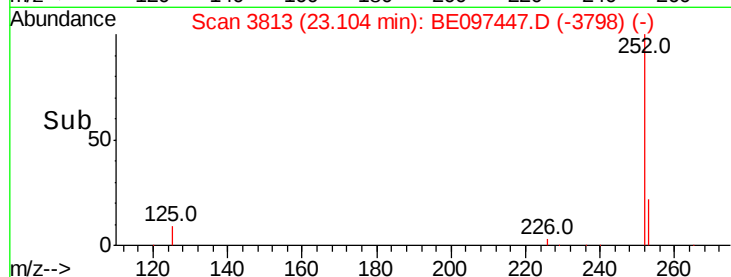
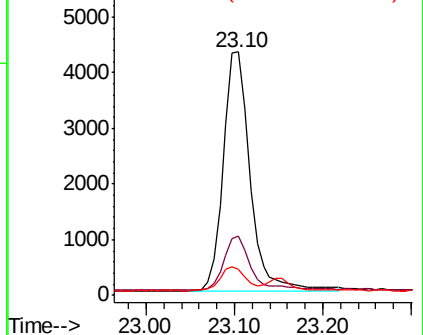
125 10.8 18.1 27.1#



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: 0.425 ng/ul

RT: 25.49 min Scan# 4215

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

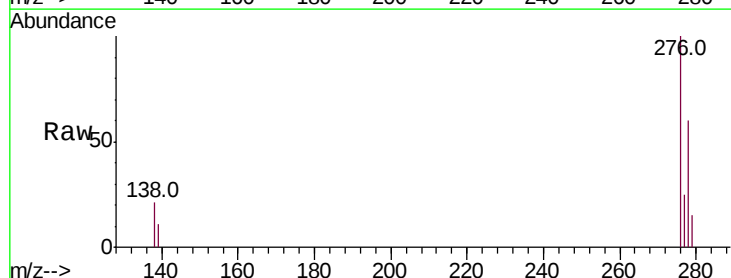
Tgt Ion:276 Resp: 11610

Ion Ratio Lower Upper

276 100

138 20.9 28.0 42.0#

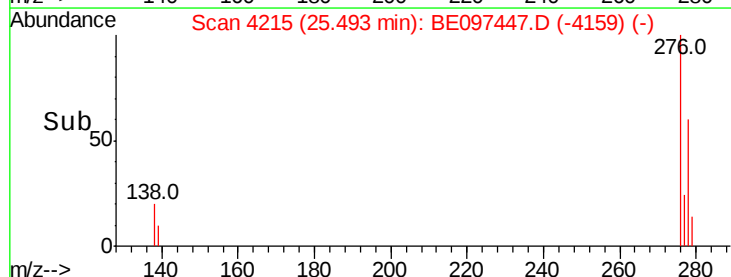
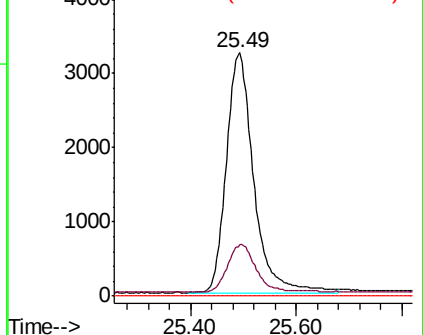
227 0.0 8.0 12.0#

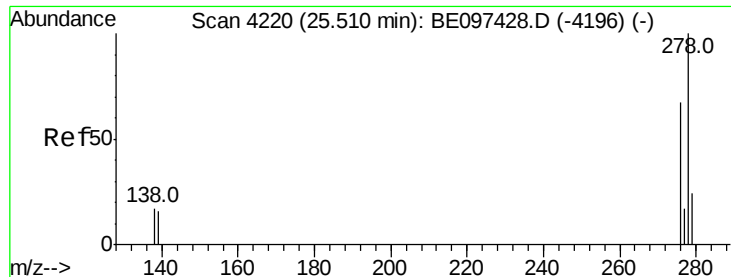


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.416 ng/ul

RT: 25.51 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

Instrument :

BNA_E

ClientSampleId :

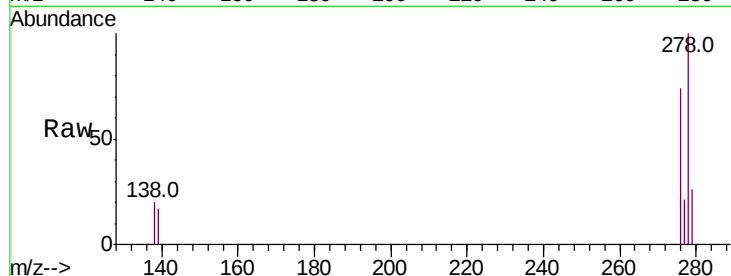
Tot Ion:278 Resp: 9623

Ion Ratio Lower Upper

278 100

139 16.6 17.4 26.0#

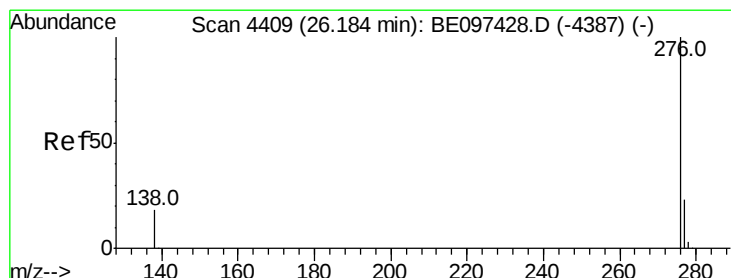
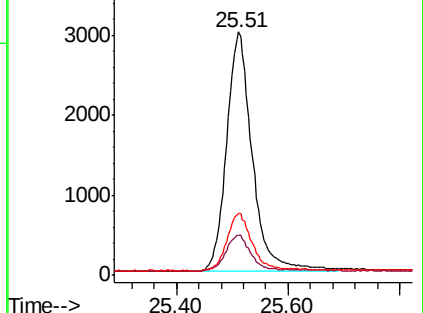
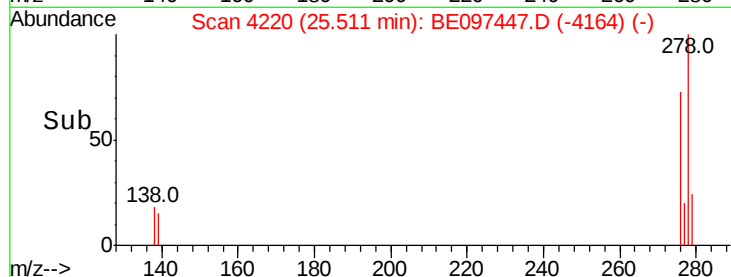
279 25.6 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.417 ng/ul

RT: 26.19 min Scan# 4411

Delta R.T. 0.01 min

Lab File: BE097447.D

Acq: 12 Sep 2018 9:11

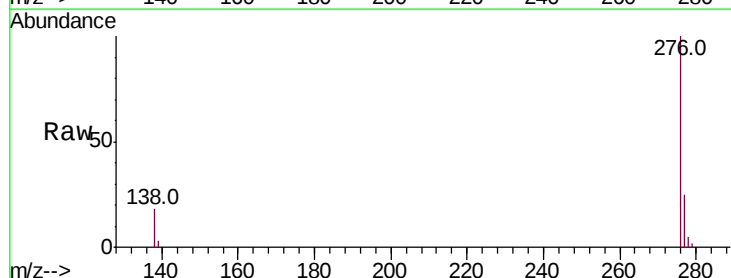
Tgt Ion:276 Resp: 9717

Ion Ratio Lower Upper

276 100

138 18.4 21.8 32.8#

277 25.0 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

