

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097482.D
 Acq On : 13 Sep 2018 10:28
 Operator : SJ/JU
 Sample : J4792-01DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 11:31:40 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 : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

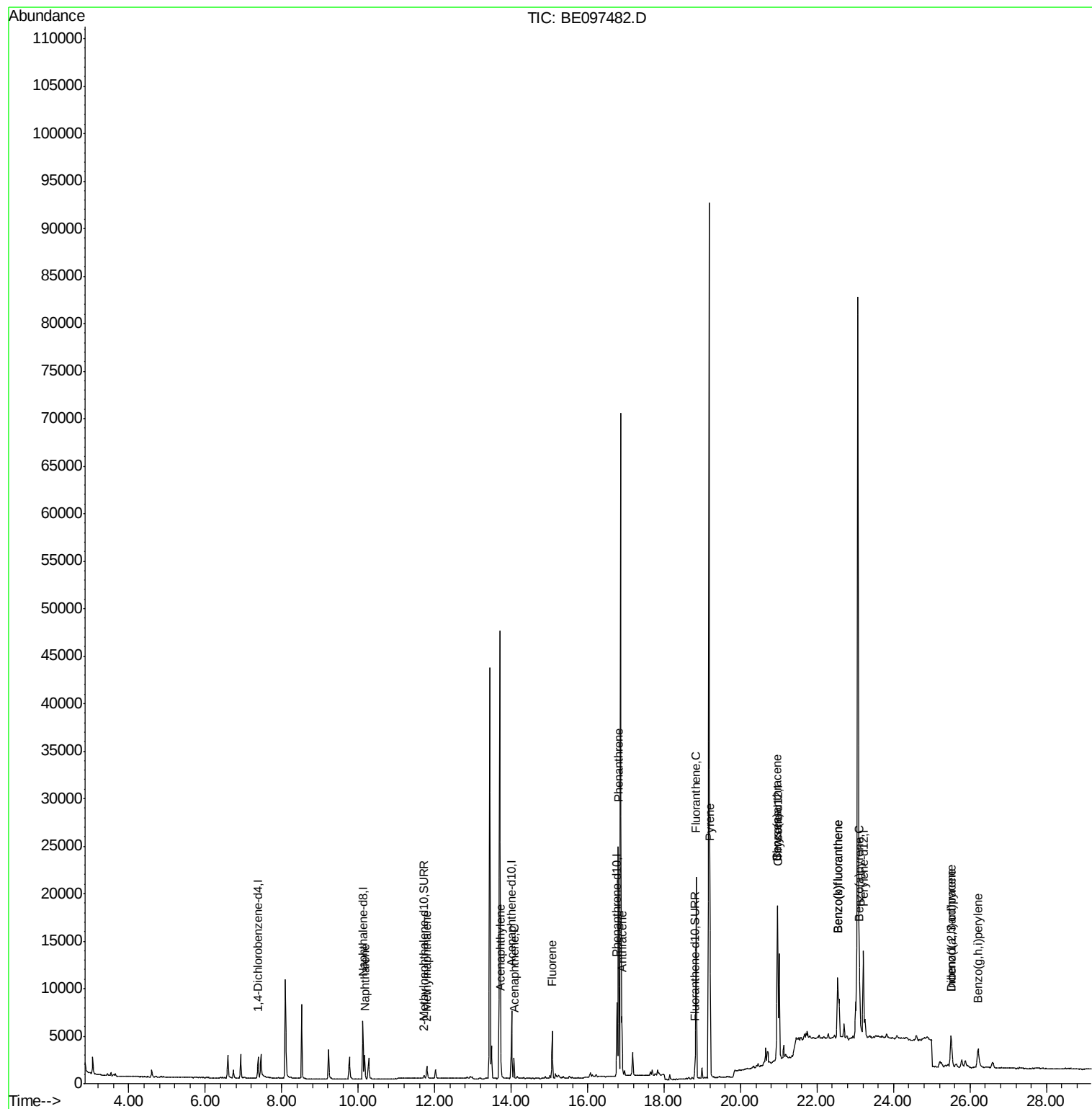
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1115	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3918	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9468	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10726	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11283	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	407	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1158	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	3691	0.240	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1219	0.125	ng/ul	97
7) Acenaphthylene	13.73	152	1884	0.132	ng/ul	97
8) Acenaphthene	14.07	153	1236	0.101	ng/ul	96
9) Fluorene	15.07	166	3059	0.218	ng/ul	96
12) Phenanthrene	16.80	178	24864	1.020	ng/ul#	89
13) Anthracene	16.89	178	6004	0.293	ng/ul#	93
15) Fluoranthene	18.83	202	23674	0.756	ng/ul	84
17) Pyrene	19.20	202	21642	0.750	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	11172	0.405	ng/ul#	87
19) Chrysene	20.96	228	11172	0.352	ng/ul	95
21) Benzo(b)fluoranthene	22.54	252	15333	0.507	ng/ul	93
22) Benzo(k)fluoranthene	22.54	252	15333	0.455	ng/ul#	94
23) Benzo(a)pyrene	23.11	252	8831	0.316	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.51	276	5587	0.154	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.52	278	1528	0.050	ng/ul#	12
26) Benzo(a,h,i)perylene	26.21	276	4643	0.150	ng/ul#	83

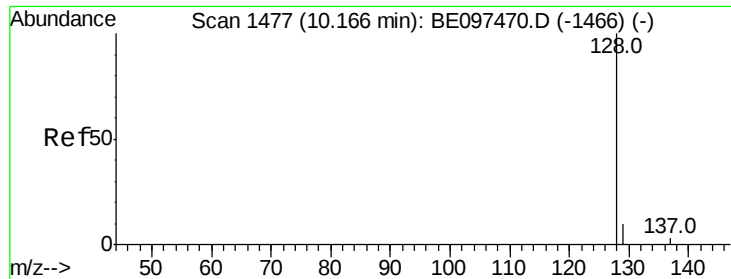
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 11:31:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
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QLast Update : Thu Sep 13 07:48:38 2018
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#3

Naphthalene

Concen: 0.240 ng/ul

RT: 10.17 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

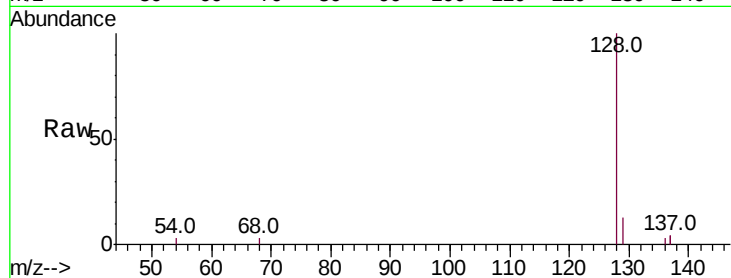
Tot Ion:128 Resp: 3691

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

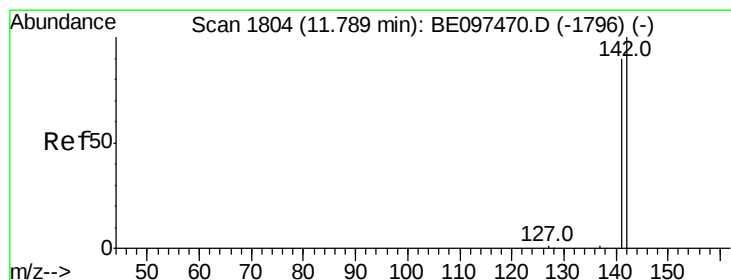
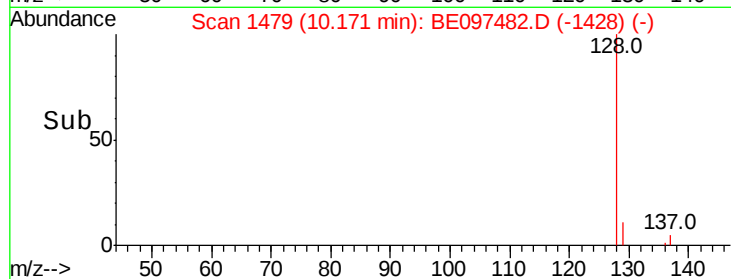
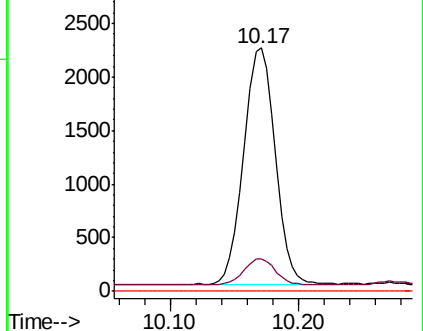
127 0.0 4.0 6.0#



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: 0.125 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BE097482.D

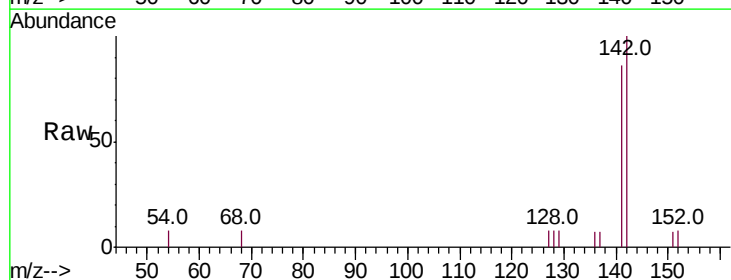
Acq: 13 Sep 2018 10:28

Tgt Ion:142 Resp: 1219

Ion Ratio Lower Upper

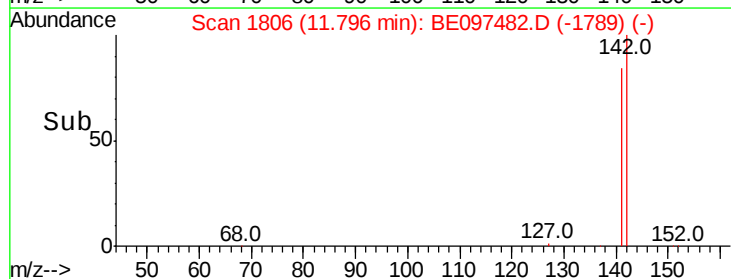
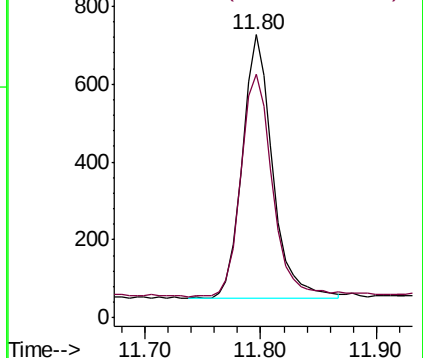
142 100

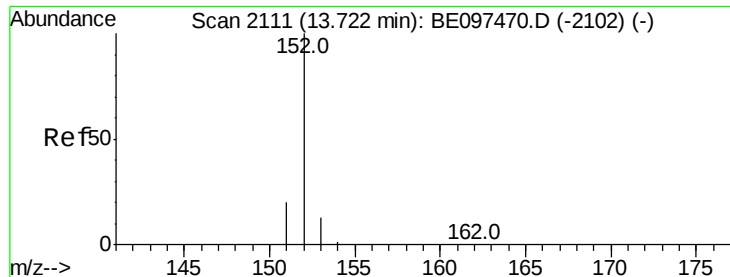
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.132 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

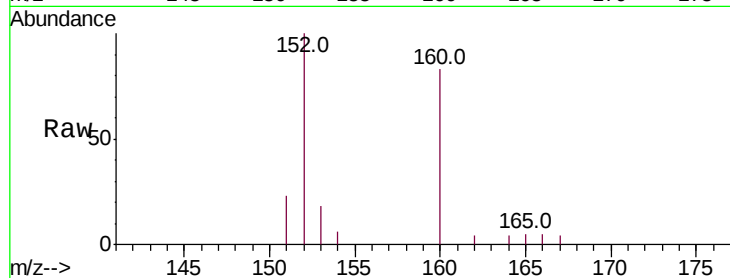
Tot Ion:152 Resp: 1884

Ion Ratio Lower Upper

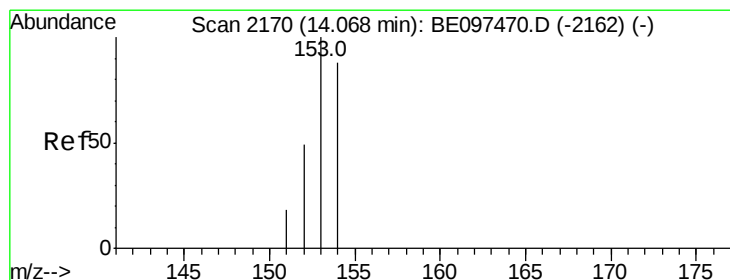
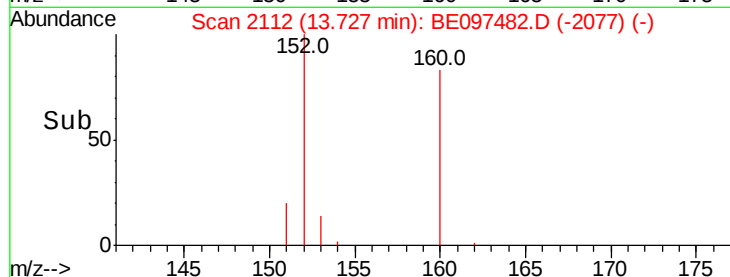
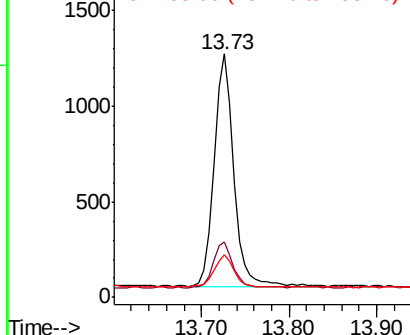
152 100

151 22.9 17.1 25.7

153 17.5 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: 0.101 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

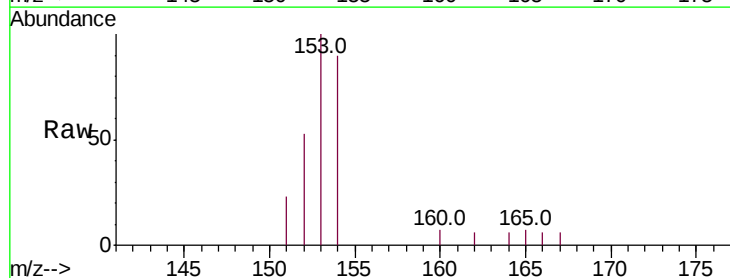
Tgt Ion:153 Resp: 1236

Ion Ratio Lower Upper

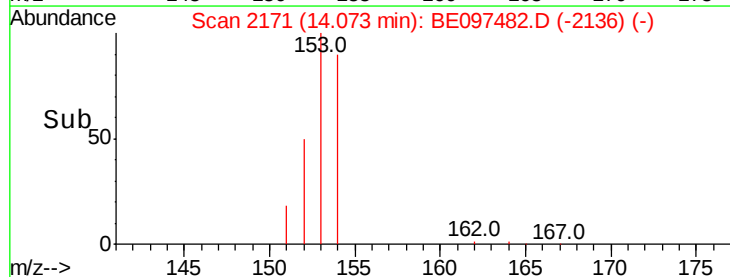
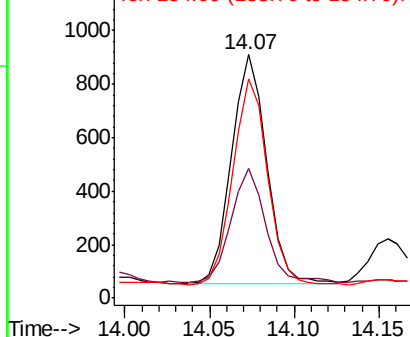
153 100

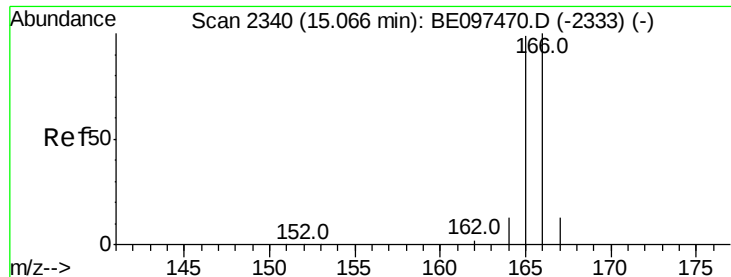
152 53.1 36.0 54.0

154 90.0 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

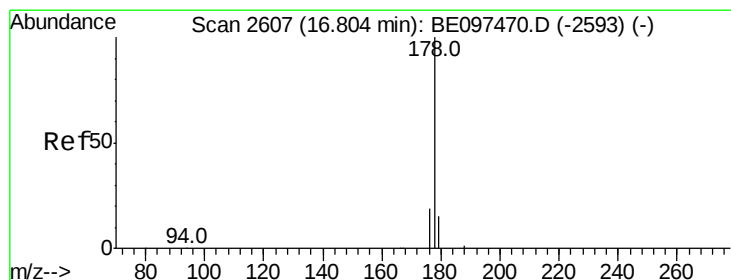
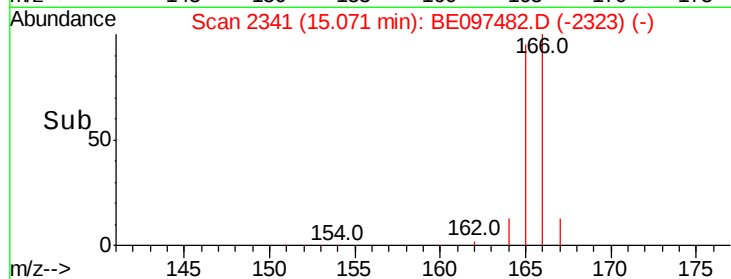
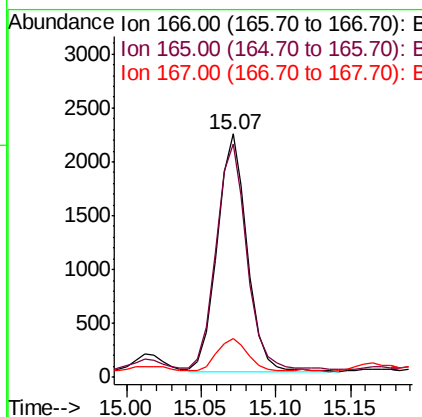
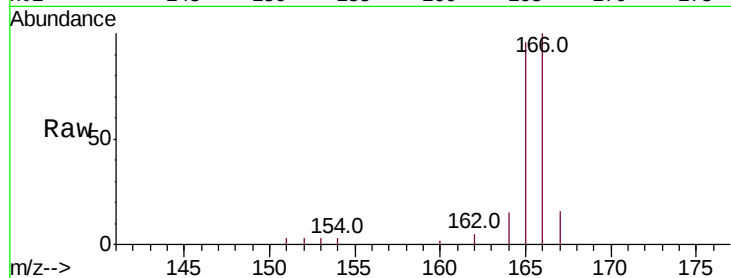




#9
Fluorene
 Concen: 0.218 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097482.D
 Acq: 13 Sep 2018 10:28

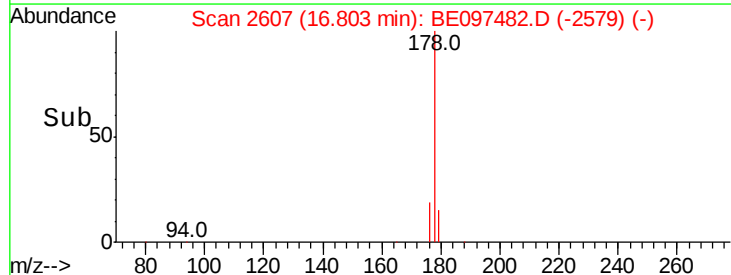
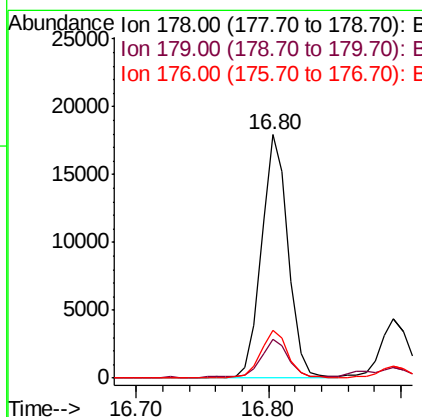
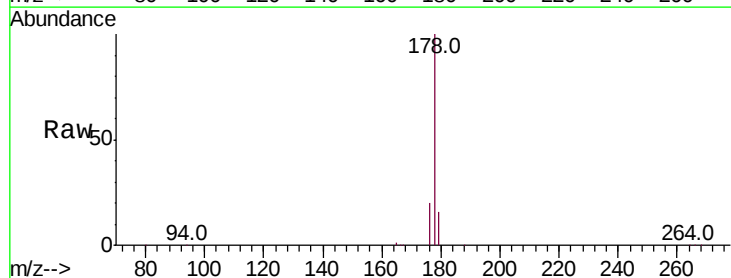
Instrument :
 BNA_E
 ClientSampleId :

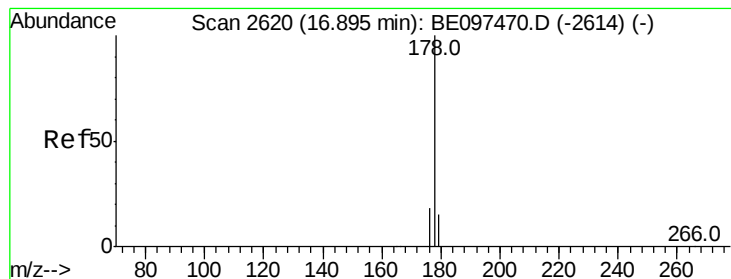
Tot Ion:166 Resp: 3059
 Ion Ratio Lower Upper
 166 100
 165 95.8 73.4 110.2
 167 16.0 14.6 22.0



#12
Phenanthrene
 Concen: 1.020 ng/ul
 RT: 16.80 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BE097482.D
 Acq: 13 Sep 2018 10:28

Tgt Ion:178 Resp: 24864
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.4 27.6#
 176 19.7 13.6 20.4





#13

Anthracene

Concen: 0.293 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

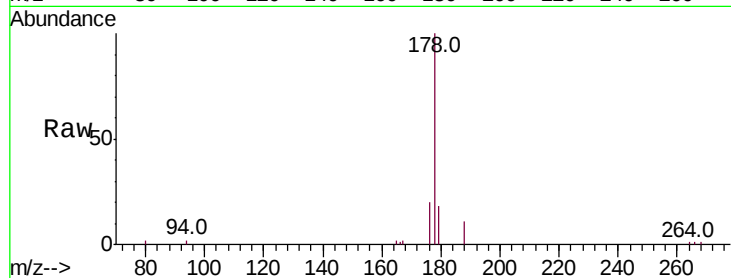
Tot Ion:178 Resp: 6004

Ion Ratio Lower Upper

178 100

179 17.9 18.1 27.1#

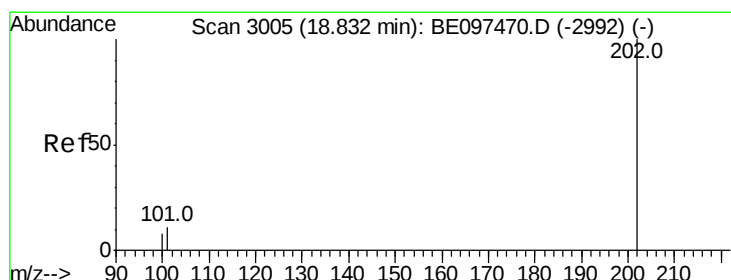
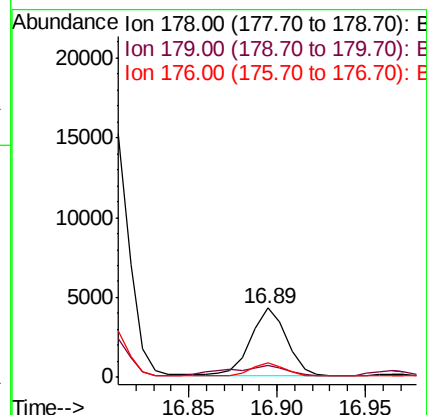
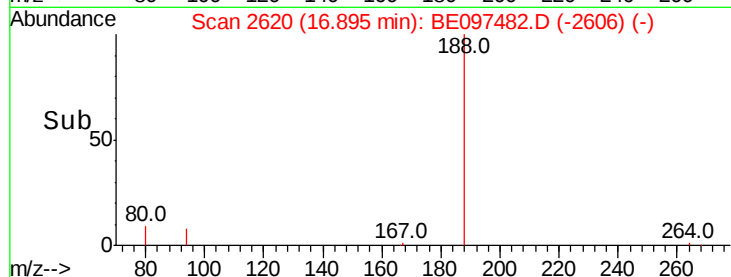
176 20.3 14.7 22.1



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: 0.756 ng/ul

RT: 18.83 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

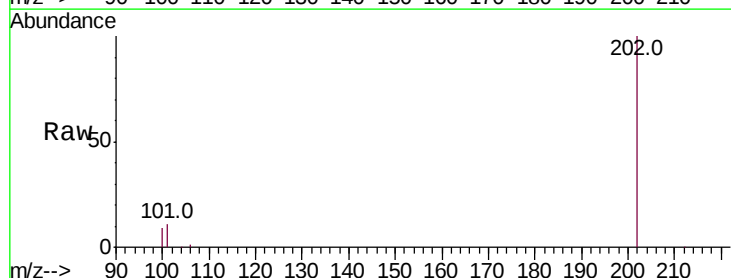
Tgt Ion:202 Resp: 23674

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

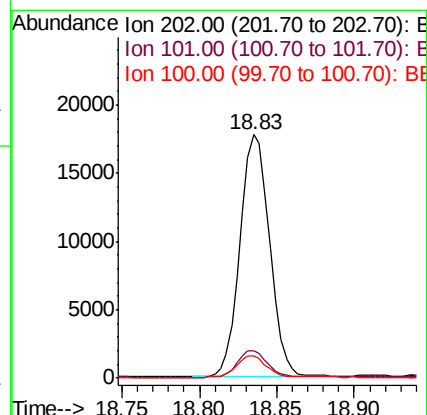
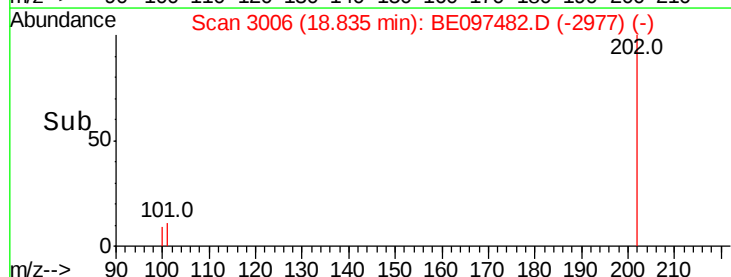
100 9.1 0.0 39.5

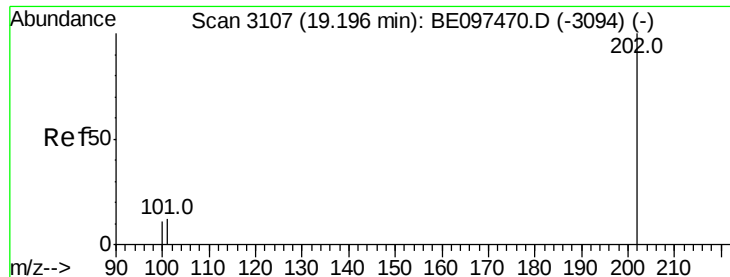


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pvrene

Concen: 0.750 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

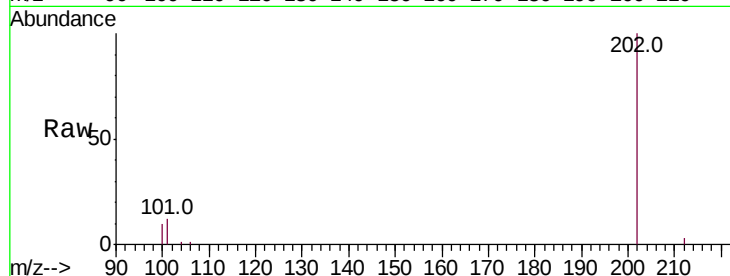
Tot Ion:202 Resp: 21642

Ion Ratio Lower Upper

202 100

101 12.2 18.2 27.4#

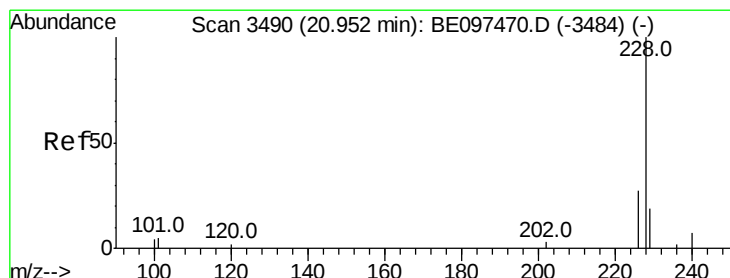
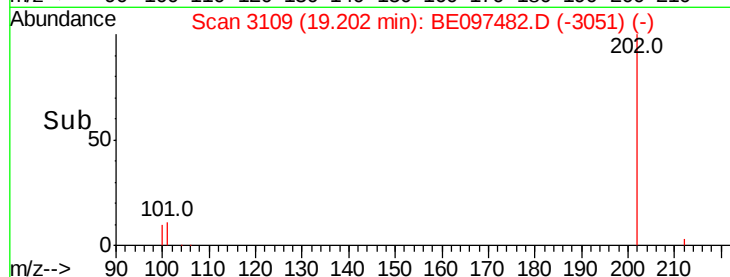
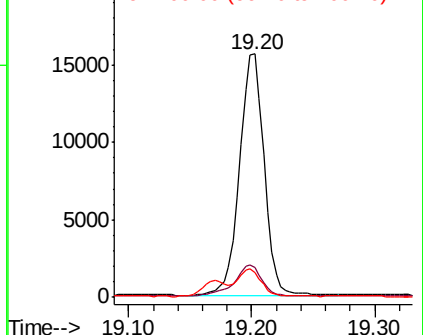
100 10.2 15.6 23.4#



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: 0.405 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

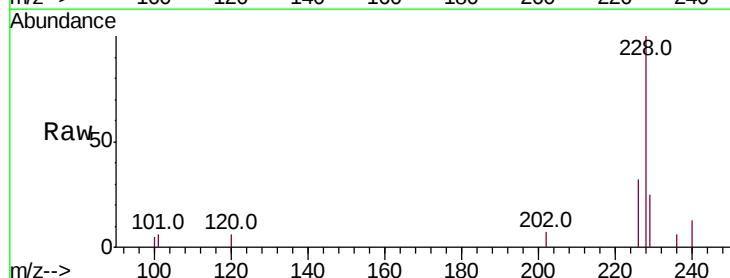
Tgt Ion:228 Resp: 11172

Ion Ratio Lower Upper

228 100

229 24.8 22.8 34.2

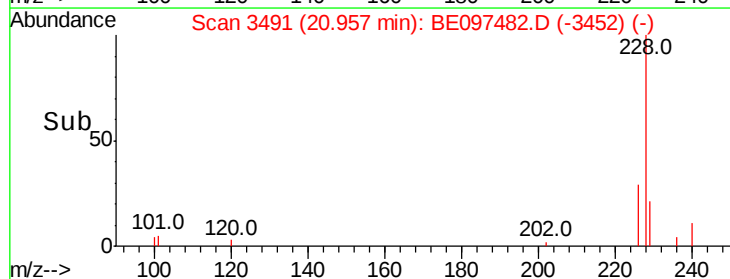
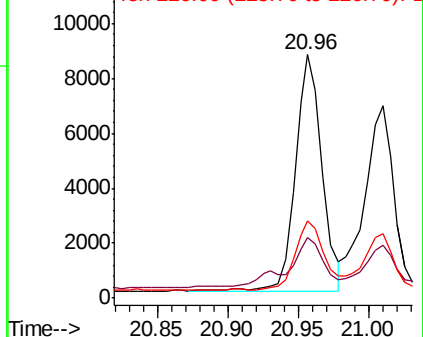
226 31.6 17.0 25.6#

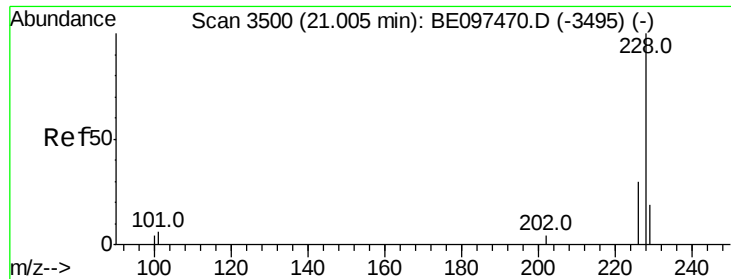


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.352 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.05 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampled :

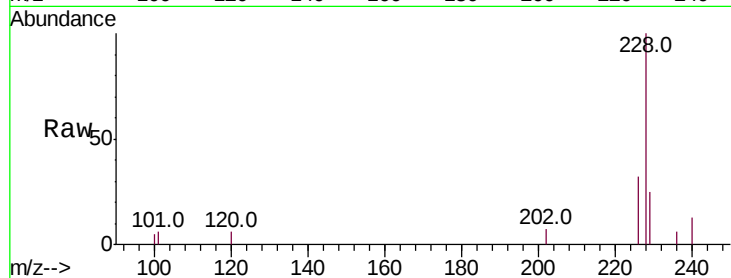
Tot Ion:228 Resp: 11172

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

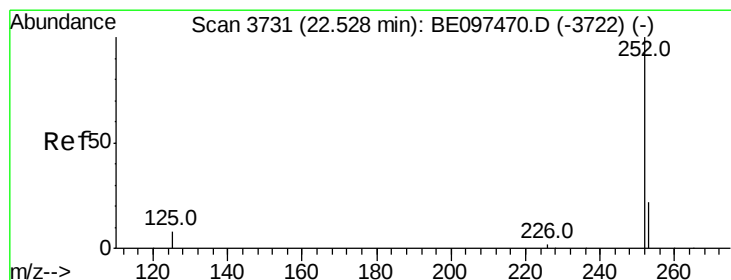
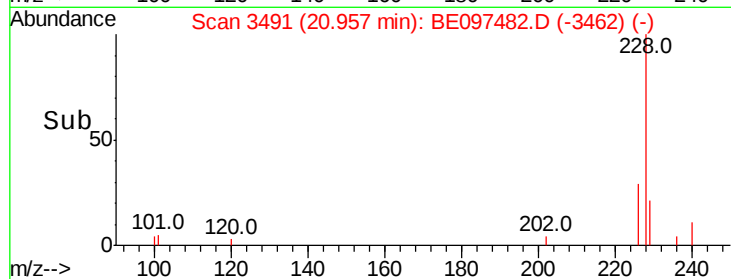
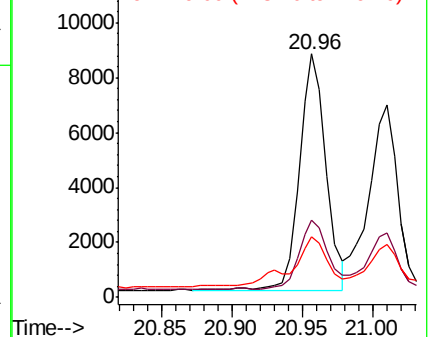
229 24.8 17.7 26.5



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: 0.507 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

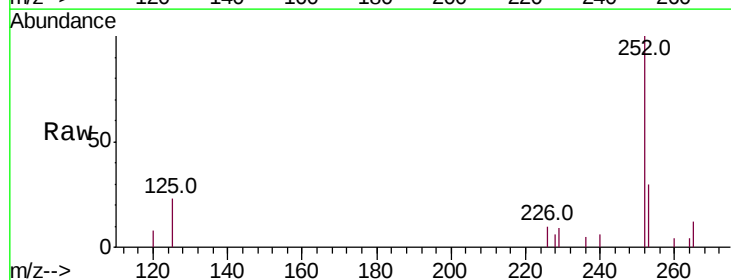
Tgt Ion:252 Resp: 15333

Ion Ratio Lower Upper

252 100

253 30.0 0.0 64.2

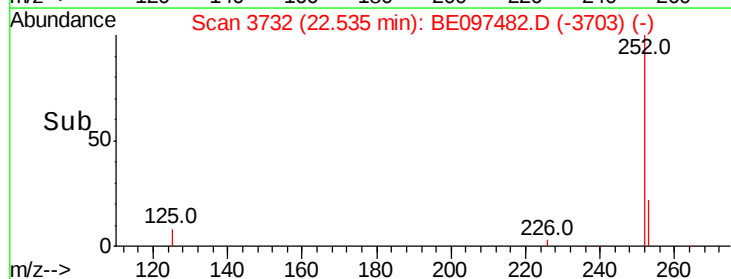
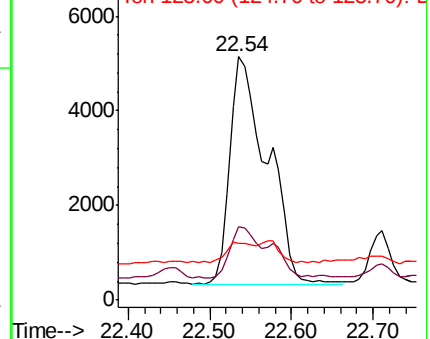
125 23.1 0.0 35.0

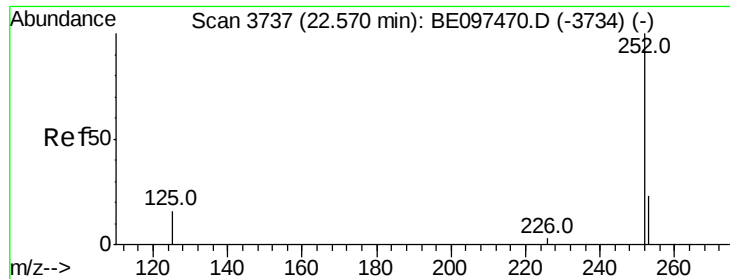


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.455 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

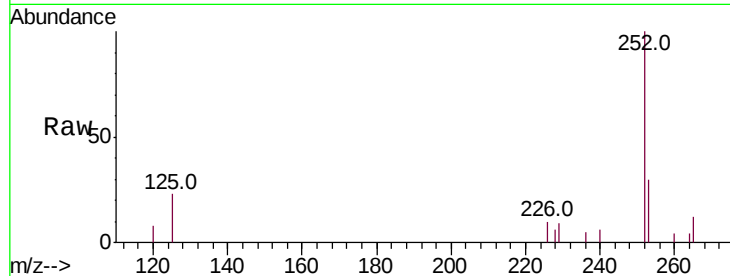
Tot Ion:252 Resp: 15333

Ion Ratio Lower Upper

252 100

253 30.0 24.5 36.7

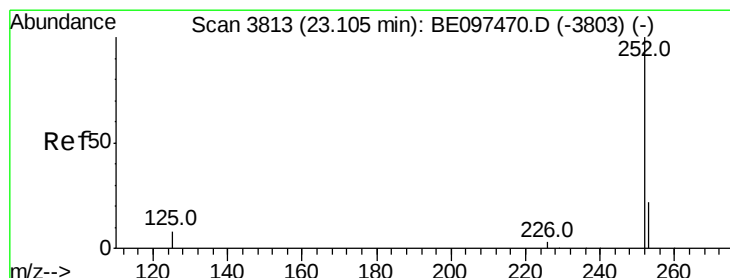
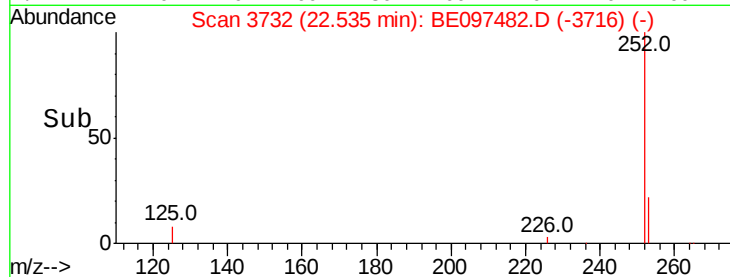
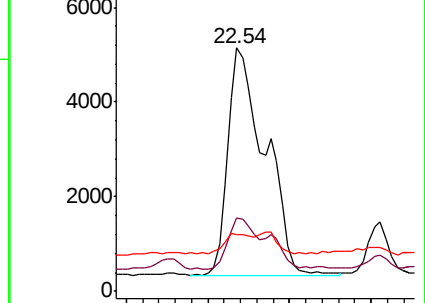
125 23.1 13.7 20.5#



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: 0.316 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

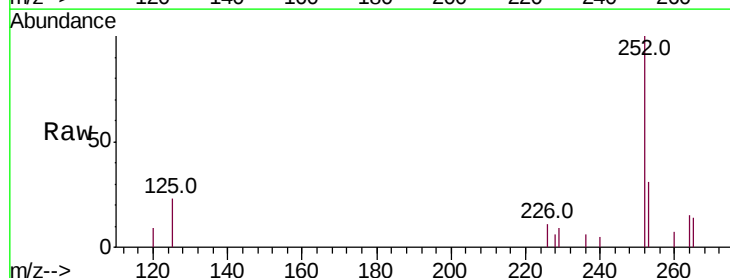
Tgt Ion:252 Resp: 8831

Ion Ratio Lower Upper

252 100

253 30.9 28.5 42.7

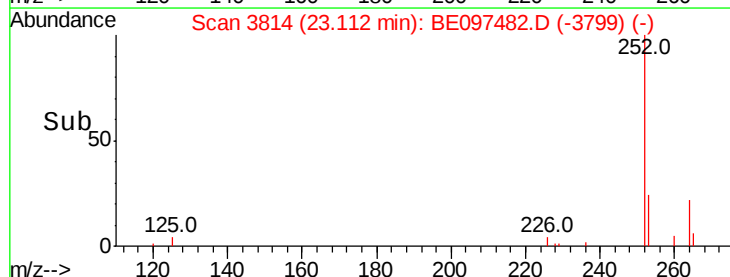
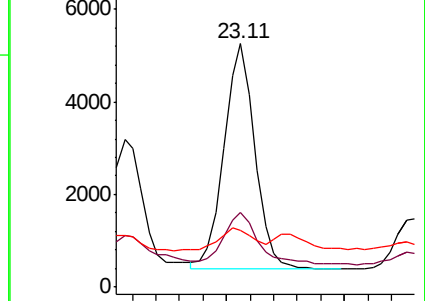
125 23.3 18.1 27.1

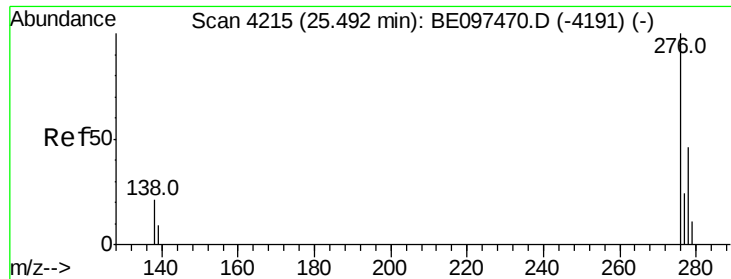


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

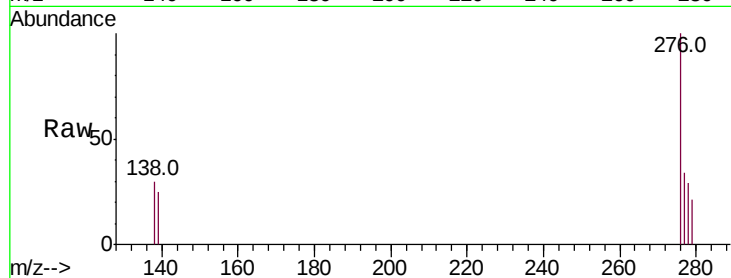




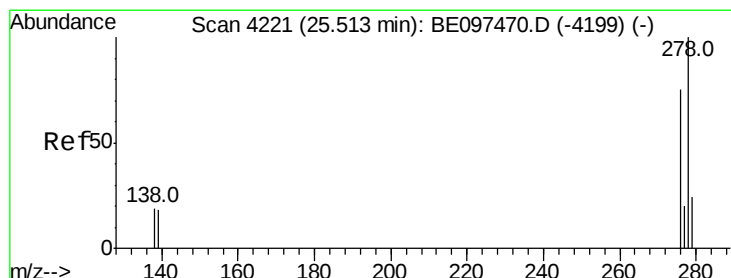
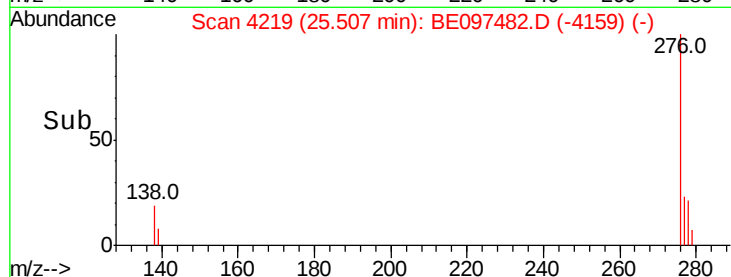
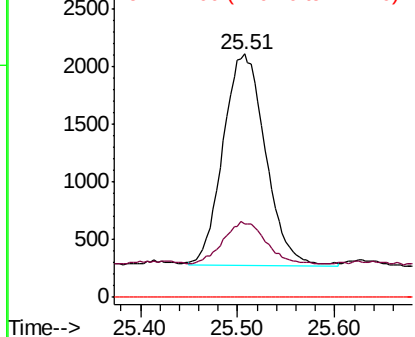
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.154 ng/ul
 RT: 25.51 min Scan# 4219
 Delta R.T. 0.02 min
 Lab File: BE097482.D
 Acq: 13 Sep 2018 10:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 5587
 Ion Ratio Lower Upper
 276 100
 138 20.2 28.0 42.0#
 227 0.0 8.0 12.0#

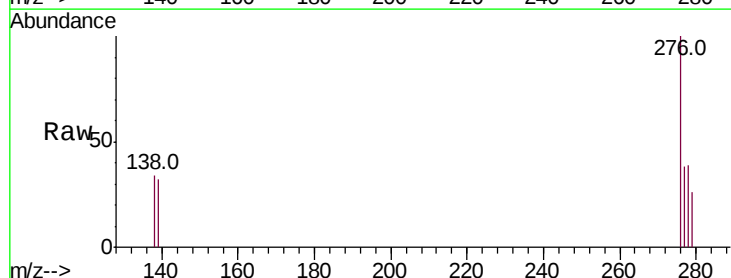


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

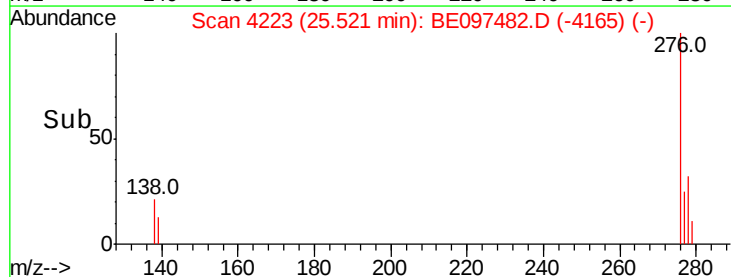
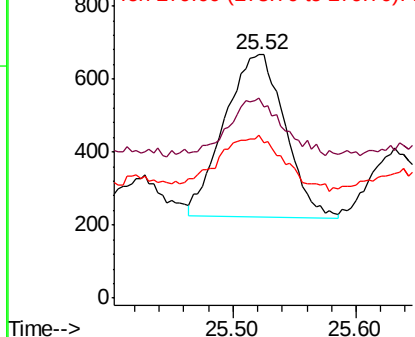


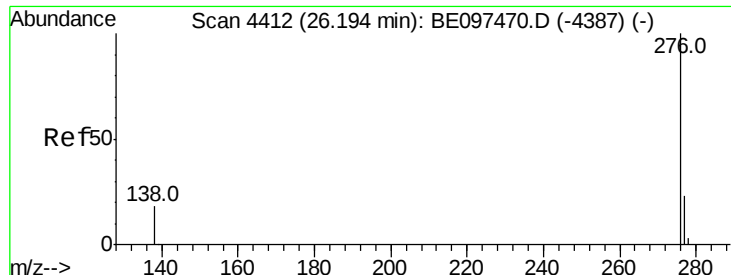
#25
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 25.52 min Scan# 4223
 Delta R.T. 0.01 min
 Lab File: BE097482.D
 Acq: 13 Sep 2018 10:28

Tgt Ion:278 Resp: 1528
 Ion Ratio Lower Upper
 278 100
 139 82.3 17.4 26.0#
 279 67.0 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(a,h,i)perylene

Concen: 0.150 ng/ul

RT: 26.21 min Scan# 4417

Delta R.T. 0.02 min

Lab File: BE097482.D

Acq: 13 Sep 2018 10:28

Instrument :

BNA_E

ClientSampleId :

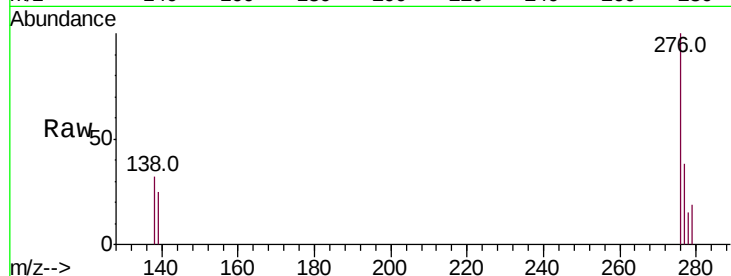
Tot Ion:276 Resp: 4643

Ion Ratio Lower Upper

276 100

138 32.0 21.8 32.8

277 38.0 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

