

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097438.D
 Acq On : 8 Sep 2018 3:07
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 08 04:17:56 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

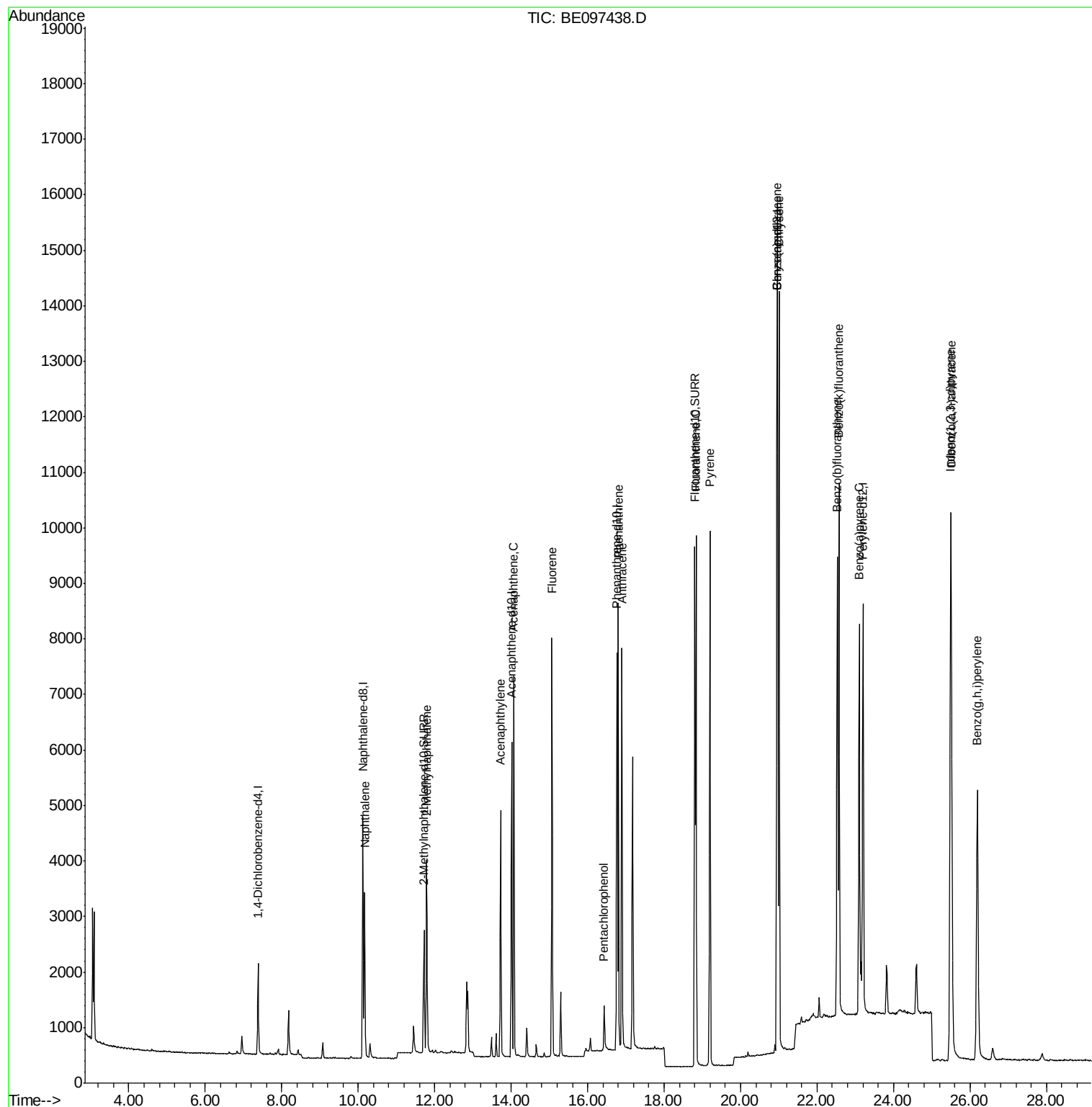
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	864	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4599	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3108	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8320	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9326	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9584	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3244	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	10769	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	4522	0.403	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	3259	0.460	ng/ul	98
7) Acenaphthylene	13.72	152	5076	0.448	ng/ul	97
8) Acenaphthene	14.07	153	3987	0.409	ng/ul	94
9) Fluorene	15.07	166	4707	0.422	ng/ul#	92
11) Pentachlorophenol	16.43	266	486	0.593	ng/ul	98
12) Phenanthrene	16.80	178	8659	0.404	ng/ul#	89
13) Anthracene	16.90	178	7998	0.444	ng/ul#	92
15) Fluoranthene	18.83	202	10584	0.385	ng/ul	84
17) Pyrene	19.20	202	10565	0.421	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	10784	0.450	ng/ul#	85
19) Chrysene	21.01	228	10884	0.394	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	10674	0.416	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	11038	0.386	ng/ul#	92
23) Benzo(a)pyrene	23.11	252	10478	0.441	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.49	276	13130	0.427	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.51	278	11108	0.426	ng/ul#	90
26) Benzo(g,h,i)perylene	26.19	276	10965	0.418	ng/ul#	92

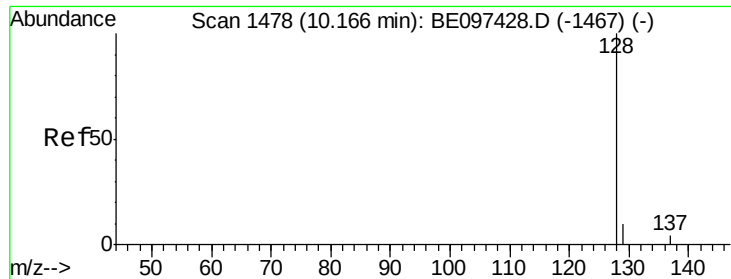
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

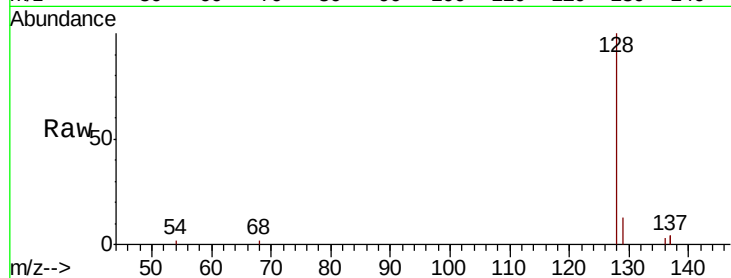
Tot Ion:128 Resp: 4522

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

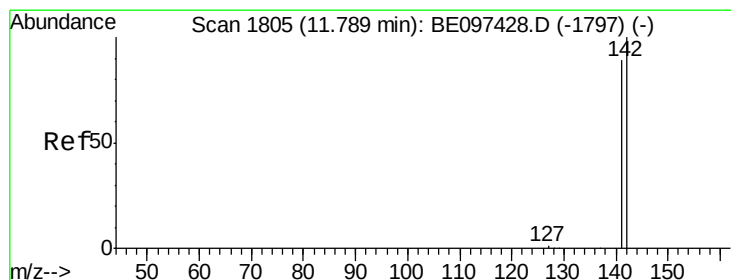
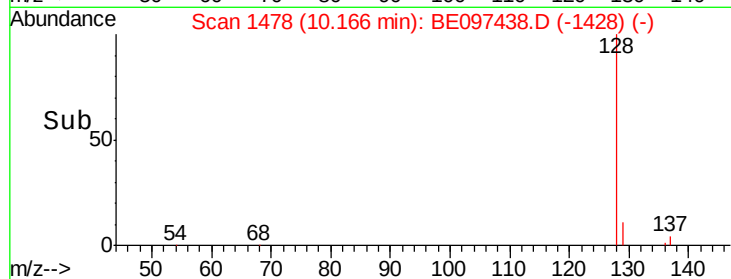
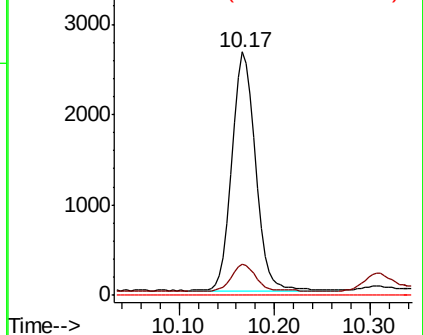
127 0.0 4.0 6.0#



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: 0.460 ng/ul

RT: 11.79 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BE097438.D

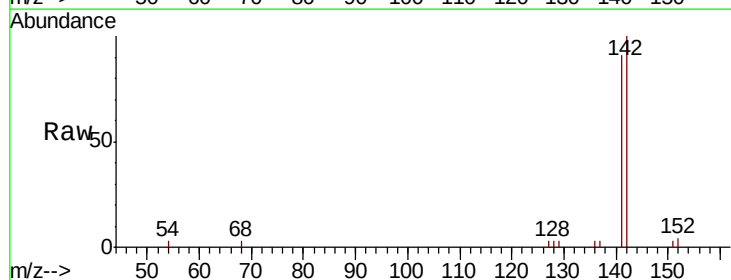
Acq: 8 Sep 2018 3:07

Tgt Ion:142 Resp: 3259

Ion Ratio Lower Upper

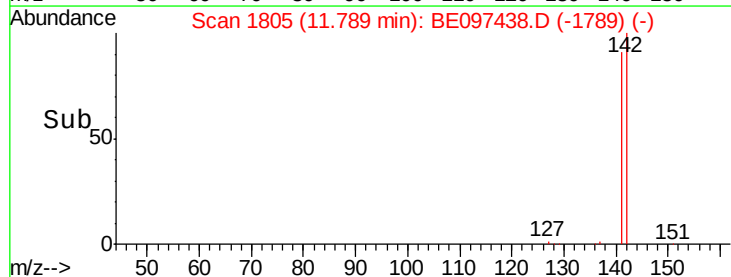
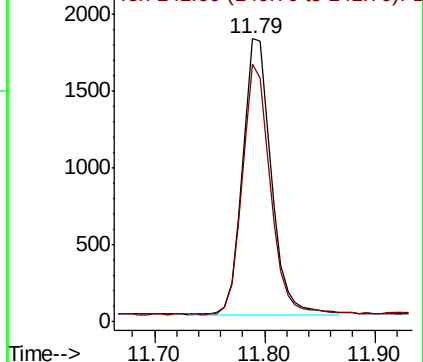
142 100

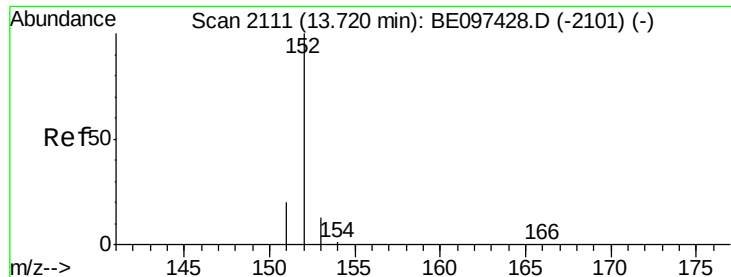
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.448 ng/ul

RT: 13.72 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

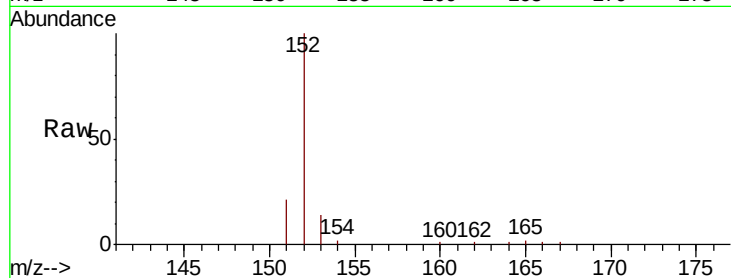
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 5076

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	13.8	12.8	19.2

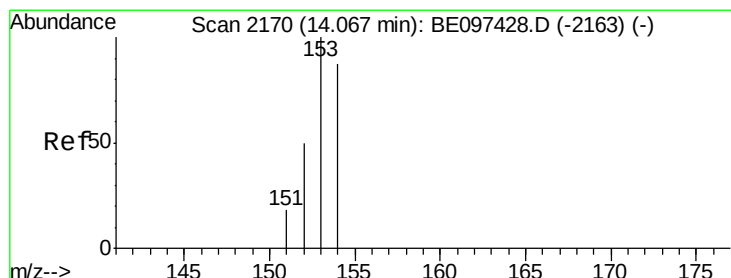
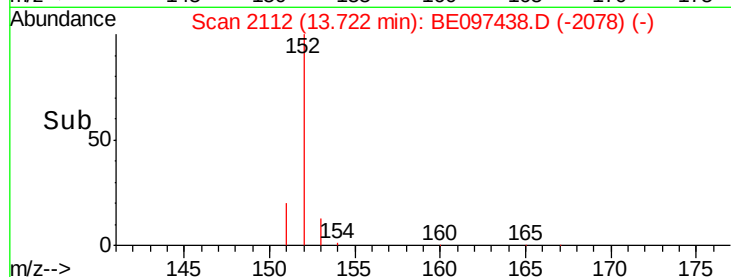
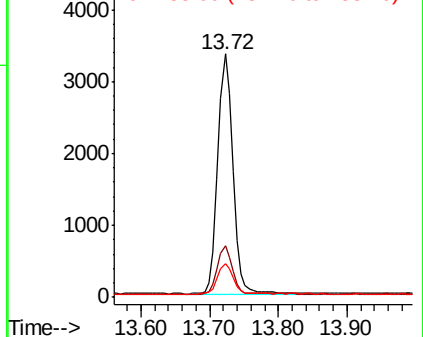


Abundance

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: 0.409 ng/ul

RT: 14.07 min Scan# 2171

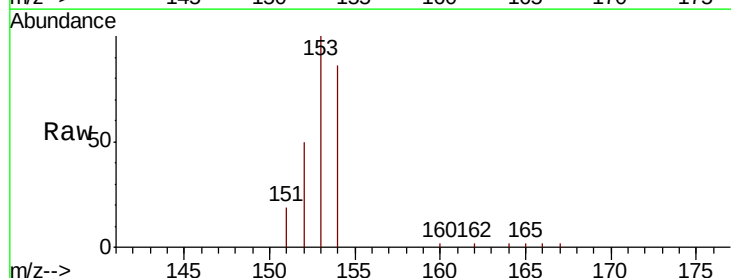
Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

Tgt Ion:153 Resp: 3987

Ion	Ratio	Lower	Upper
153	100		
152	50.3	36.0	54.0
154	85.8	72.0	108.0

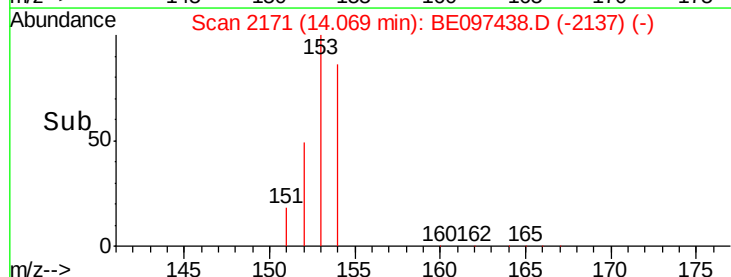
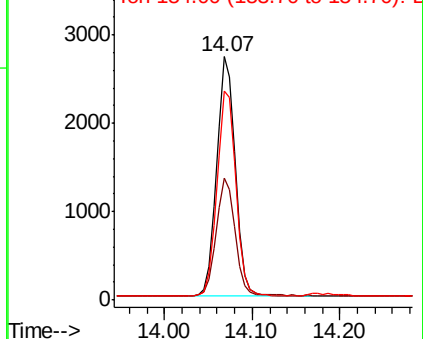


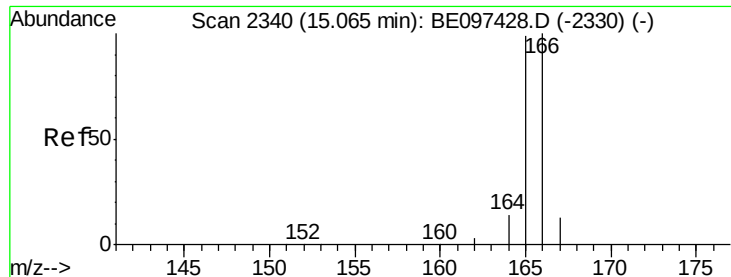
Abundance

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

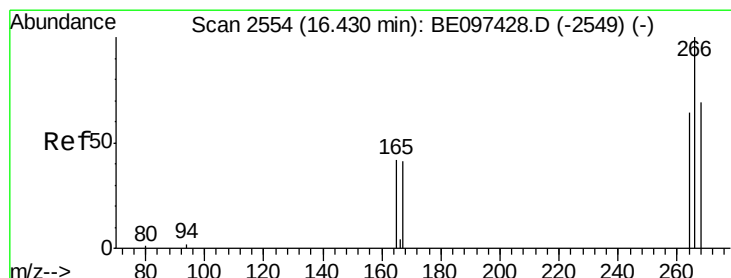
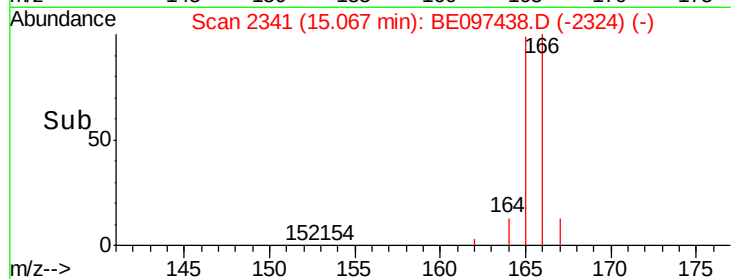
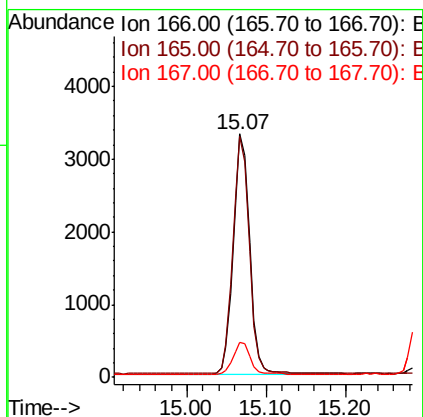
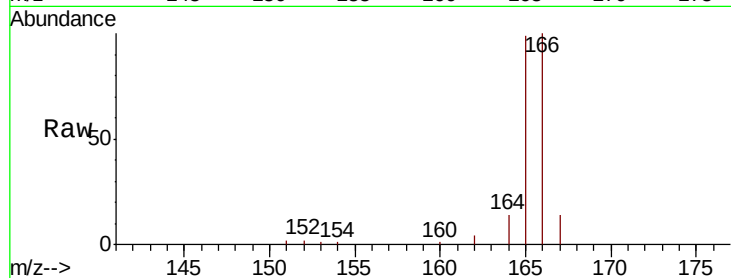




#9
Fluorene
 Concen: 0.422 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097438.D
 Acq: 8 Sep 2018 3:07

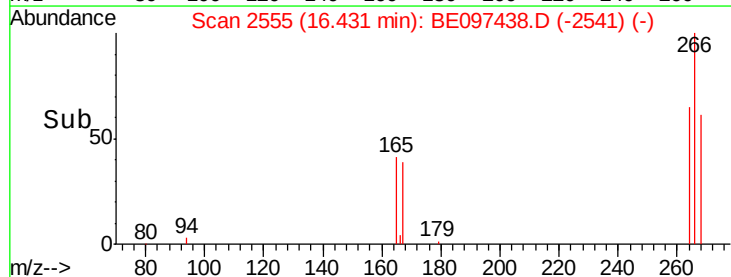
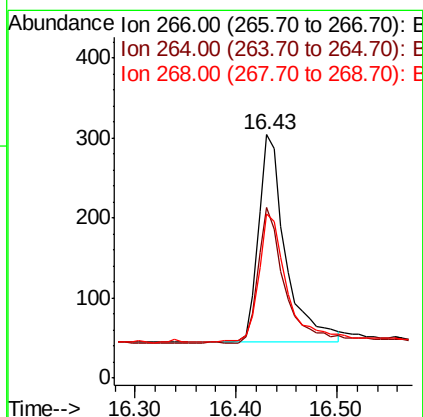
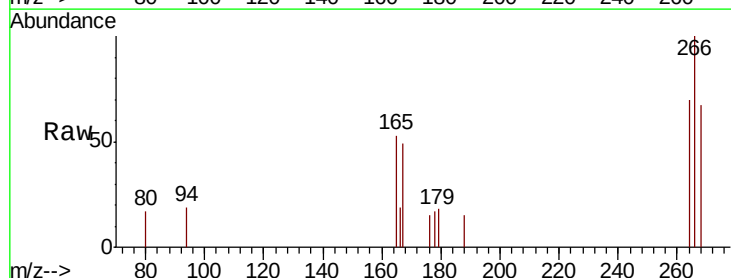
Instrument :
 BNA_E
 ClientSampleId :

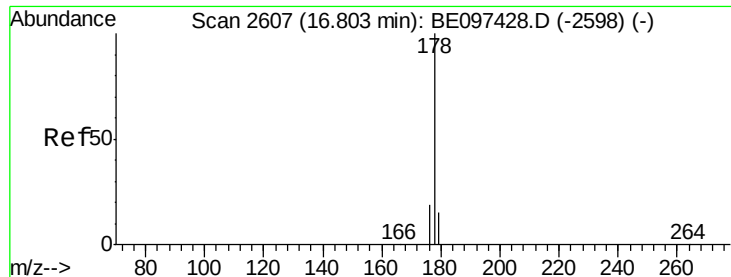
Tot Ion:166 Resp: 4707
 Ion Ratio Lower Upper
 166 100
 165 98.9 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.593 ng/ul
 RT: 16.43 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BE097438.D
 Acq: 8 Sep 2018 3:07

Tgt Ion:266 Resp: 486
 Ion Ratio Lower Upper
 266 100
 264 62.6 47.9 71.9
 268 62.1 49.8 74.8

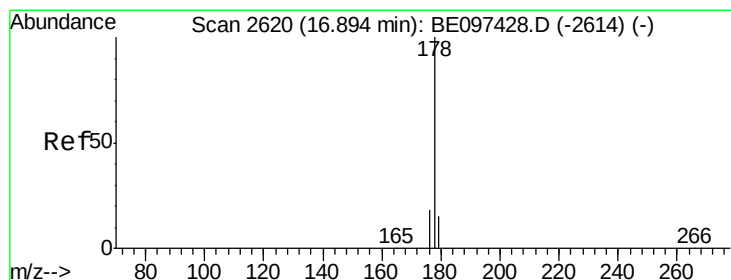
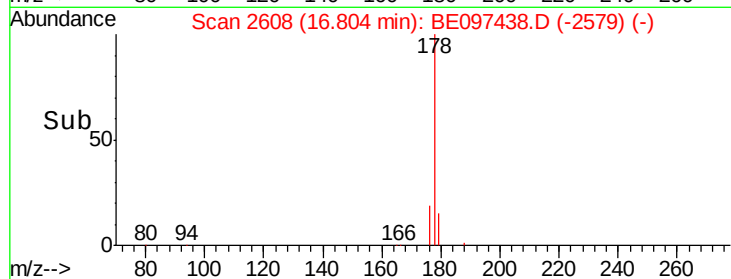
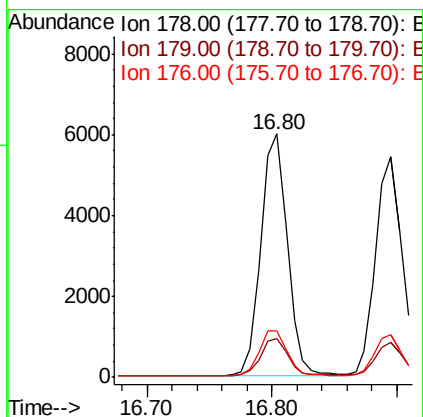
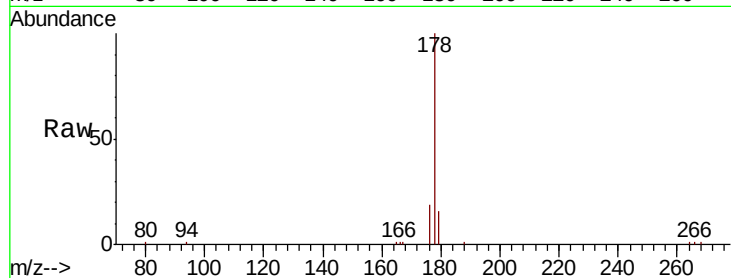




#12
Phenanthrene
Concen: 0.404 ng/ul
RT: 16.80 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

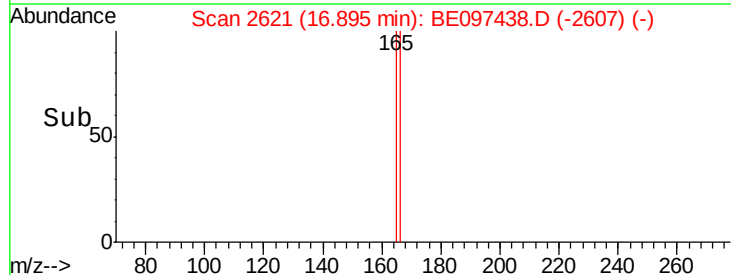
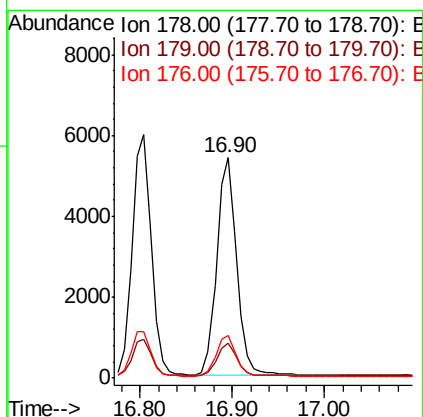
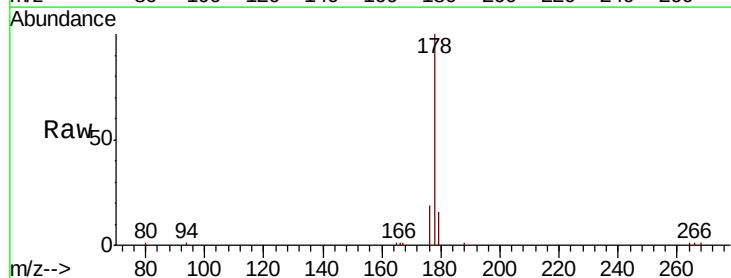
Instrument :
BNA_E
ClientSampleId :

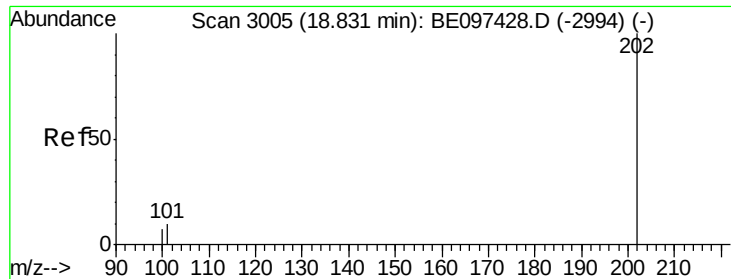
Tot Ion:178 Resp: 8659
Ion Ratio Lower Upper
178 100
179 16.0 18.4 27.6#
176 19.3 13.6 20.4



#13
Anthracene
Concen: 0.444 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Tgt Ion:178 Resp: 7998
Ion Ratio Lower Upper
178 100
179 16.1 18.1 27.1#
176 19.4 14.7 22.1

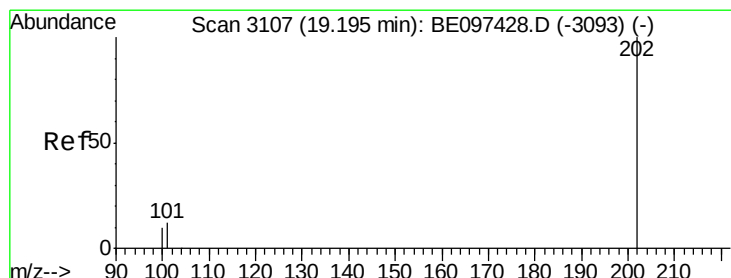
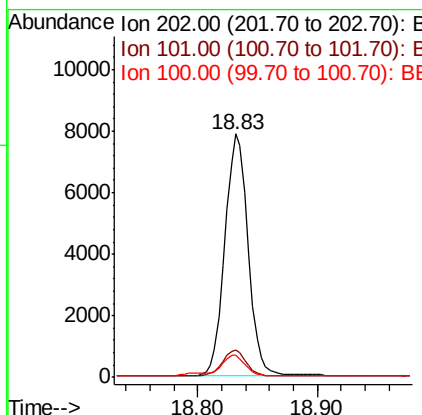
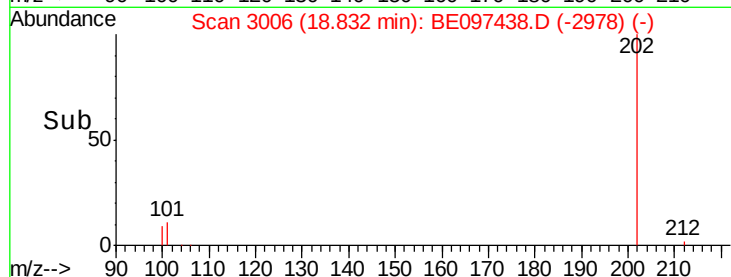
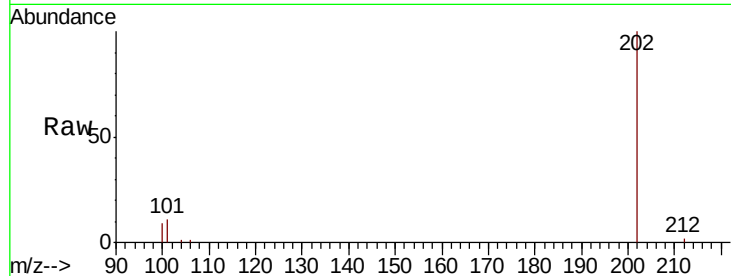




#15
Fluoranthene
Concen: 0.385 ng/ul
RT: 18.83 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

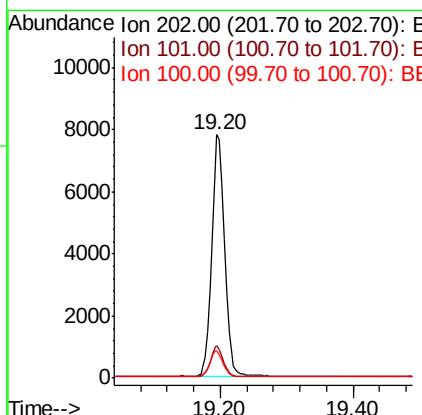
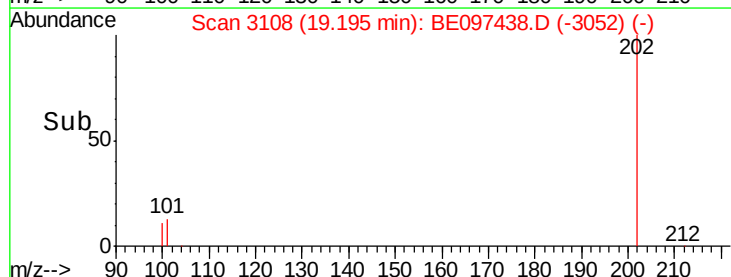
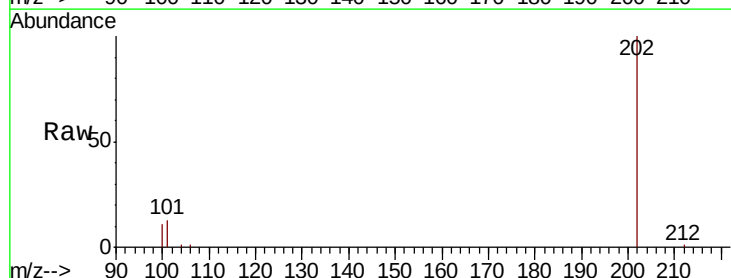
Instrument :
BNA_E
ClientSampleId :

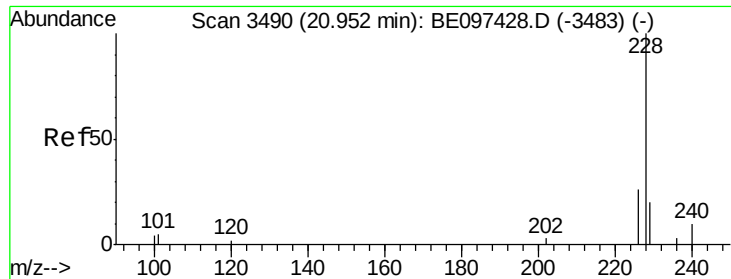
Tot Ion:202 Resp: 10584
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.3
100 9.3 0.0 39.5



#17
Pyrene
Concen: 0.421 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Tgt Ion:202 Resp: 10565
Ion Ratio Lower Upper
202 100
101 13.2 18.2 27.4#
100 11.4 15.6 23.4#

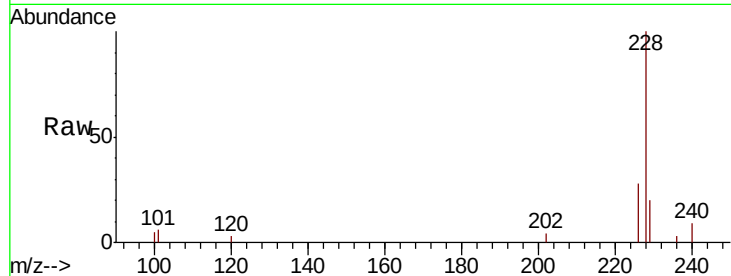




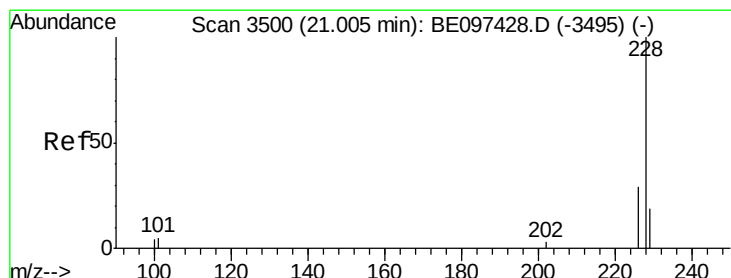
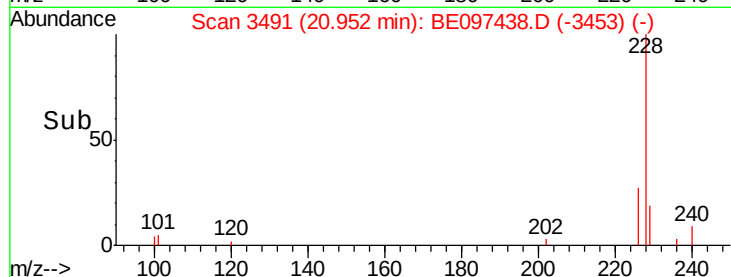
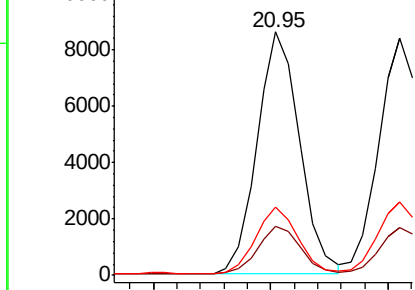
#18
Benzo(a)anthracene
Concen: 0.450 ng/ul
RT: 20.95 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 10784
Ion Ratio Lower Upper
228 100
229 20.0 22.8 34.2#
226 27.9 17.0 25.6#

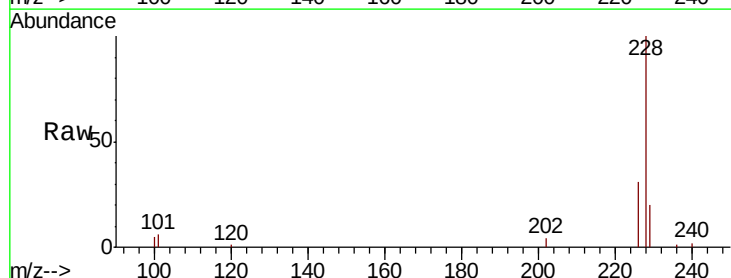


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

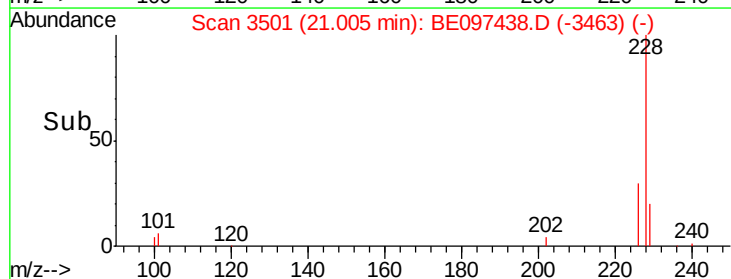
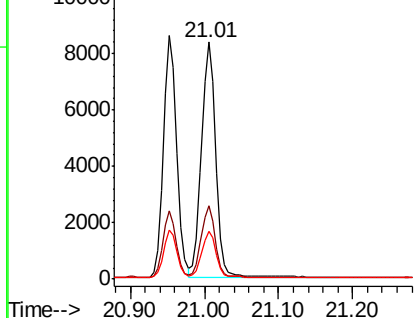


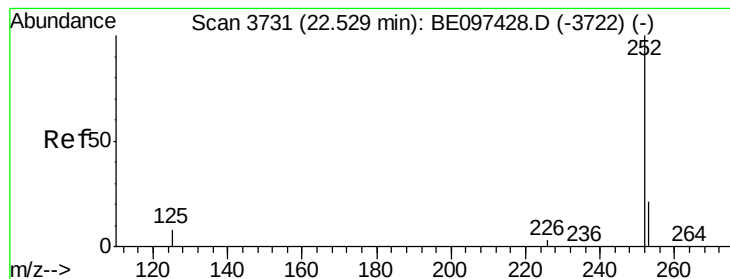
#19
Chrysene
Concen: 0.394 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Tgt Ion:228 Resp: 10884
Ion Ratio Lower Upper
228 100
226 30.7 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: 0.416 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

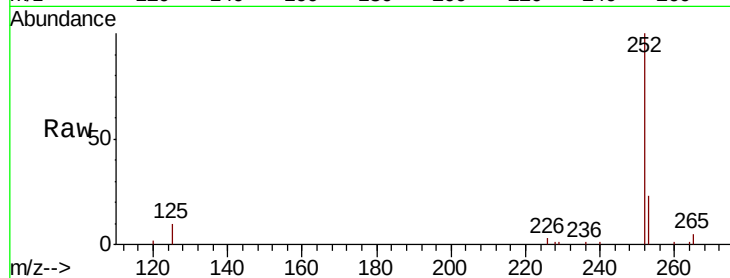
Tot Ion:252 Resp: 10674

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

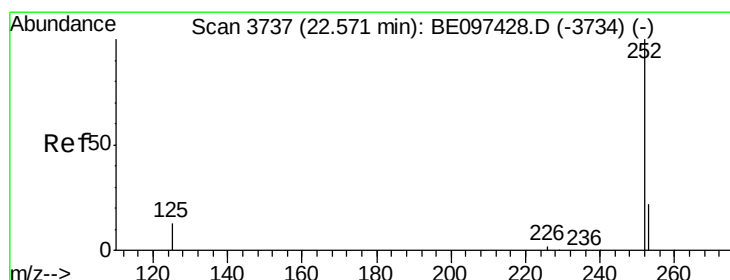
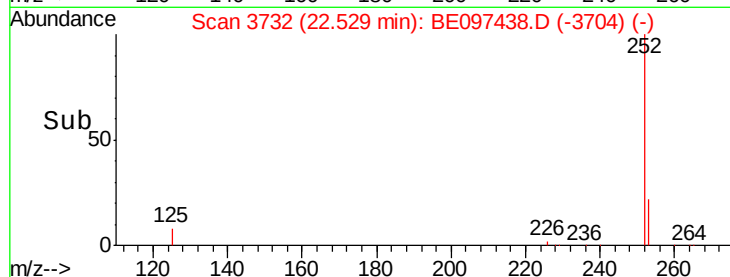
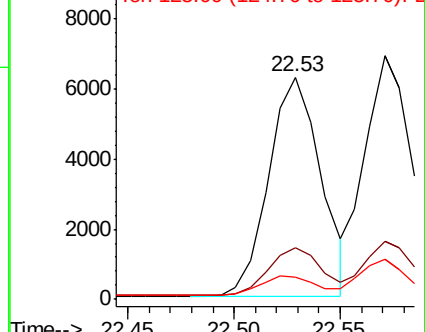
125 10.0 0.0 35.0



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: 0.386 ng/ul

RT: 22.57 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

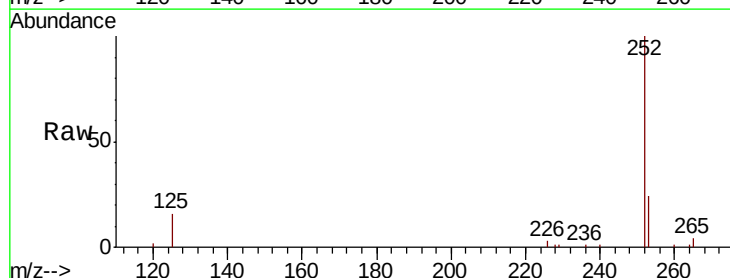
Tgt Ion:252 Resp: 11038

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

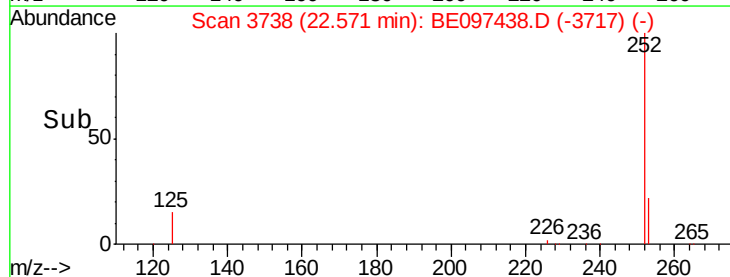
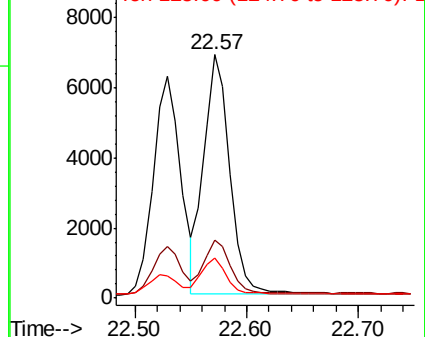
125 16.3 13.7 20.5

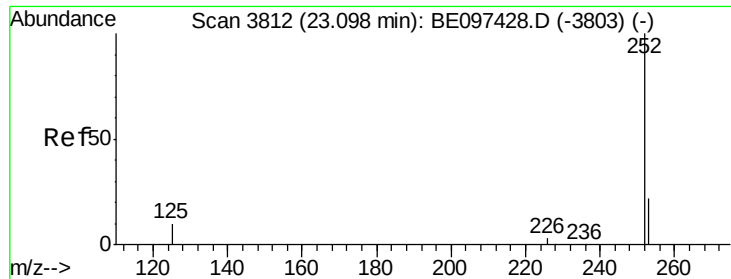


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

Instrument :

BNA_E

ClientSampleId :

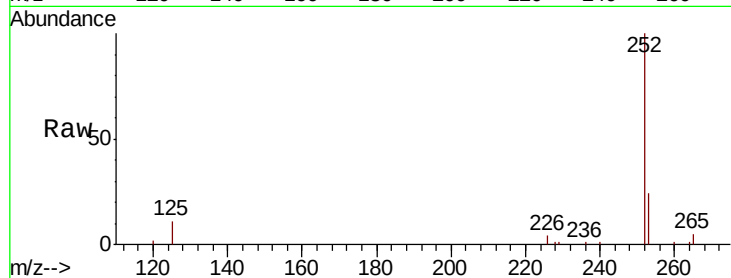
Tot Ion:252 Resp: 10478

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

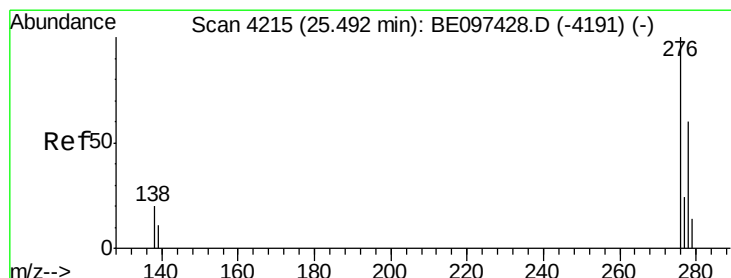
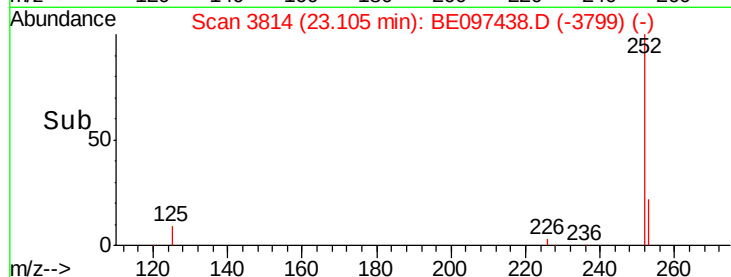
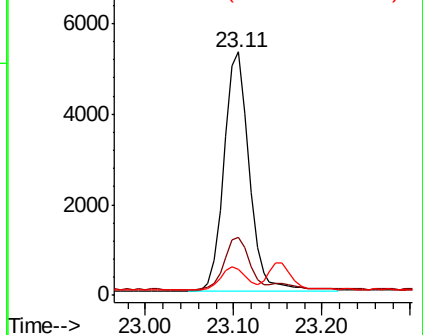
125 10.8 18.1 27.1#



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: 0.427 ng/ul

RT: 25.49 min Scan# 4216

Delta R.T. 0.00 min

Lab File: BE097438.D

Acq: 8 Sep 2018 3:07

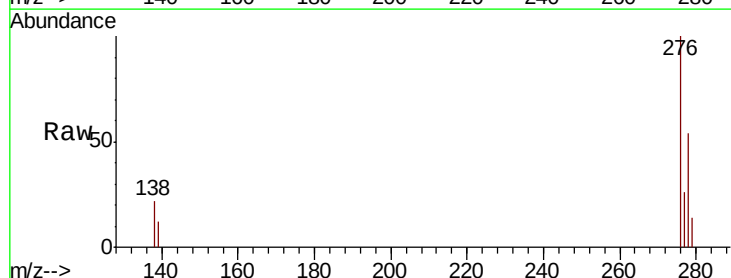
Tgt Ion:276 Resp: 13130

Ion Ratio Lower Upper

276 100

138 22.3 28.0 42.0#

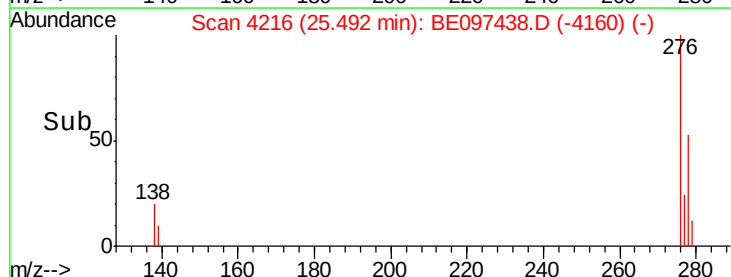
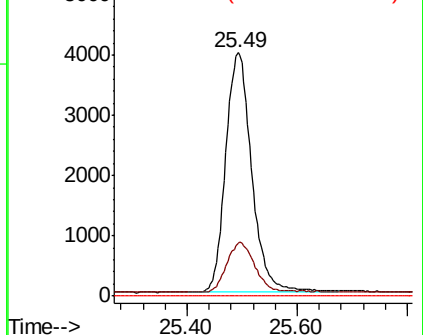
227 0.0 8.0 12.0#

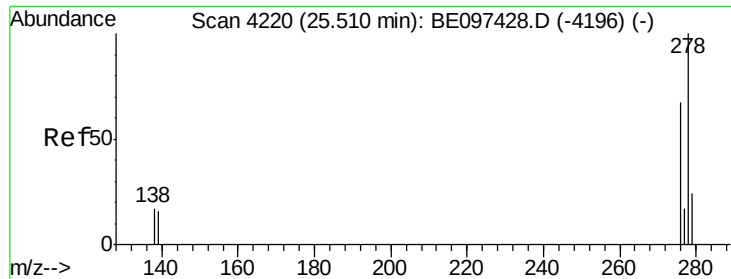


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

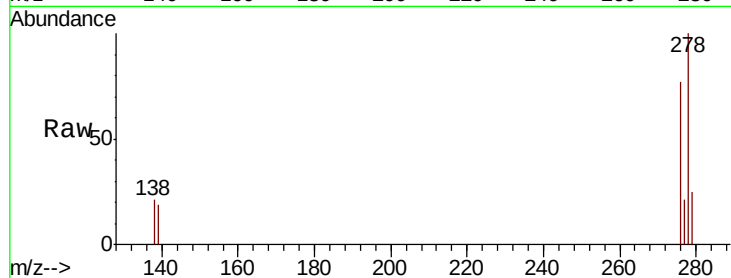




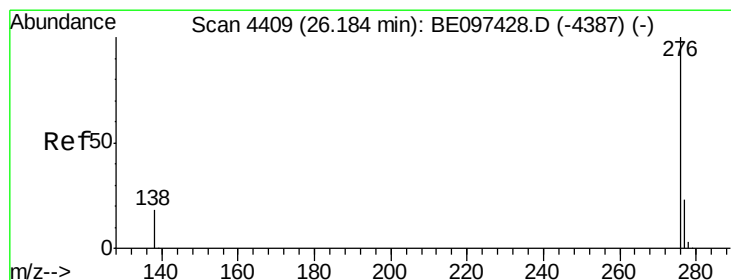
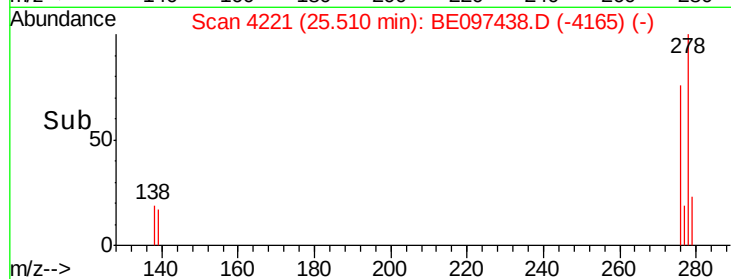
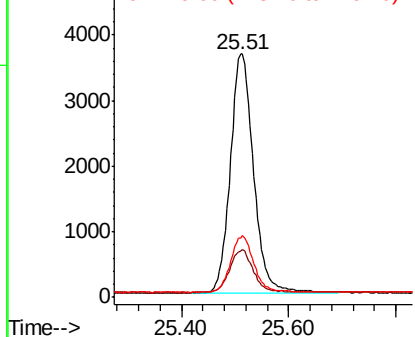
#25
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11108
Ion Ratio Lower Upper
278 100
139 19.2 17.4 26.0
279 24.6 25.9 38.9#

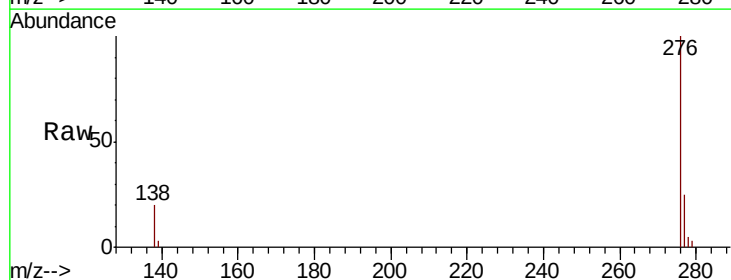


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 26.19 min Scan# 4413
Delta R.T. 0.01 min
Lab File: BE097438.D
Acq: 8 Sep 2018 3:07

Tgt Ion:276 Resp: 10965
Ion Ratio Lower Upper
276 100
138 19.9 21.8 32.8#
277 24.7 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

