

Data File : BE098130.D
Acq On : 31 Oct 2018 23:50
Operator : SJ/JU
Sample : J5701-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40G2

Quant Time: Nov 01 02:15:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

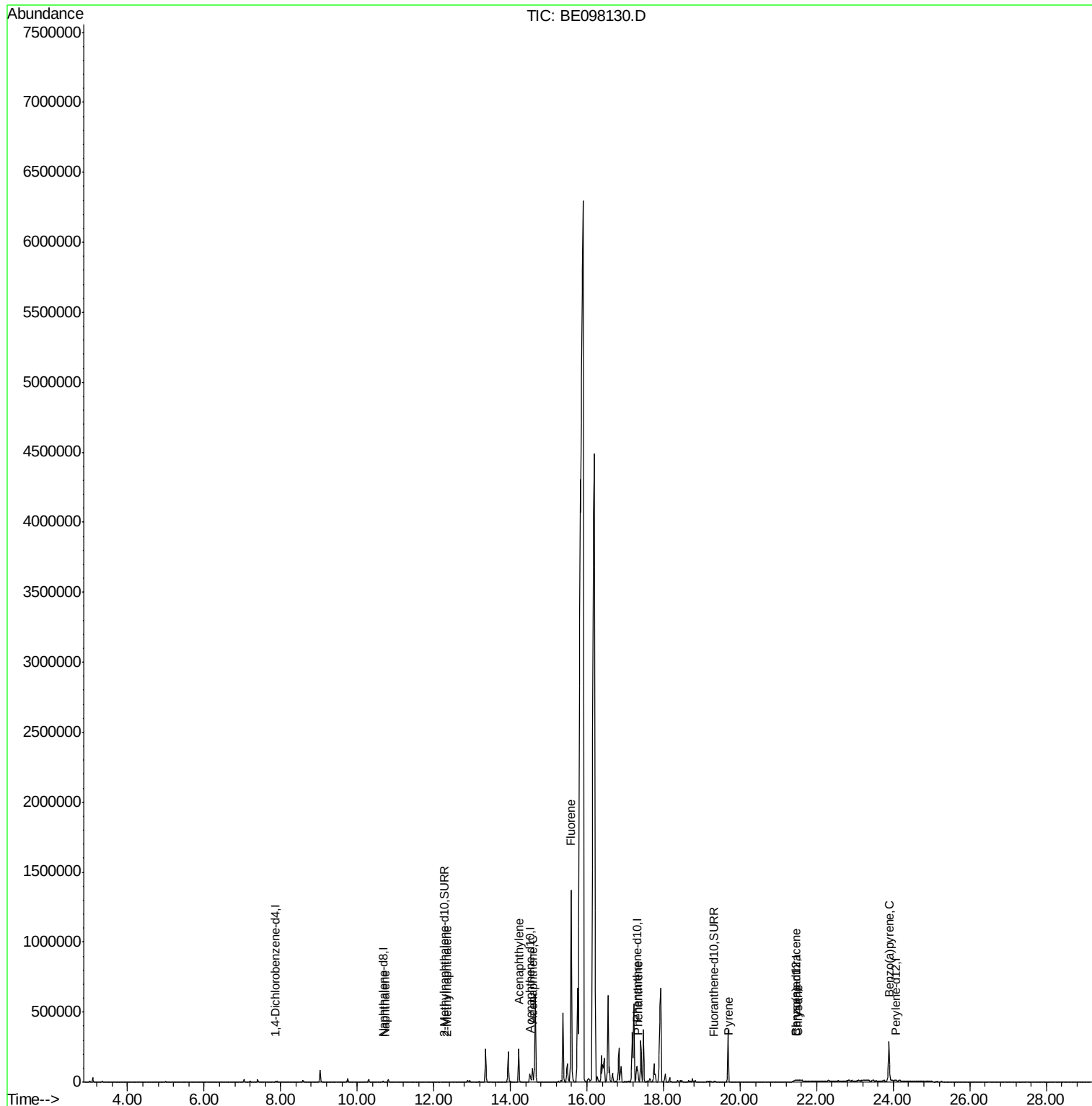
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1429	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	6037	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6560	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	55180	0.40	ng/ul	0.01
16) Chrysene-d12	21.47	240	2103	0.40	ng/ul	0.00
20) Perylene-d12	24.05	264	9228	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2396	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	5915	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.72	128	3774	0.261	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	912	0.083	ng/ul	97
7) Acenaphthylene	14.22	152	713	0.028	ng/ul#	1
8) Acenaphthene	14.58	153	35731	1.848	ng/ul#	77
9) Fluorene	15.59	166	523993	22.517	ng/ul#	46
12) Phenanthrene	17.35	178	7911	0.062	ng/ul#	93
17) Pyrene	19.71	202	1984	0.404	ng/ul#	84
18) Benzo(a)anthracene	21.45	228	164	0.027	ng/ul#	1
19) Chrysene	21.51	228	135	0.028	ng/ul#	1
23) Benzo(a)pyrene	23.89	252	1249	0.051	ng/ul#	1

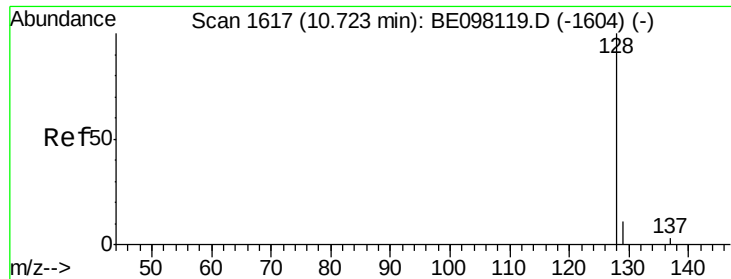
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.261 ng/ul

RT: 10.72 min Scan# 1616

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

A40G2

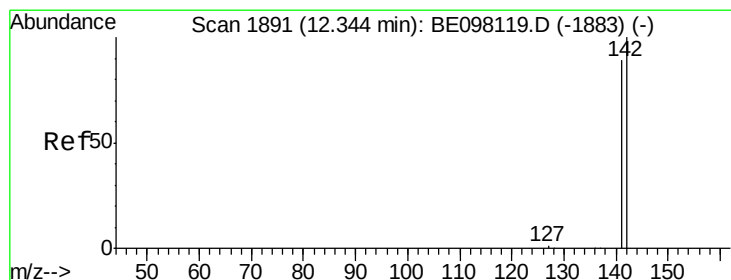
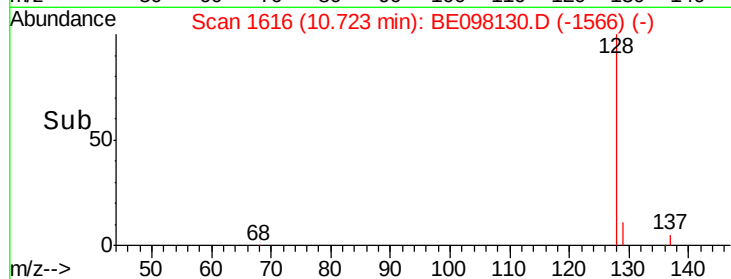
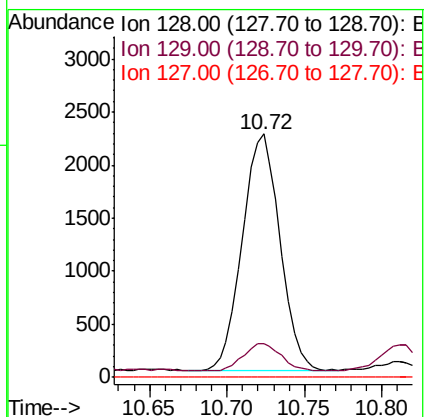
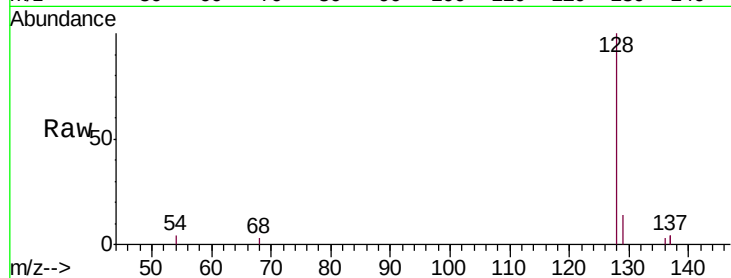
Tgt Ion:128 Resp: 3774

Ion Ratio Lower Upper

128 100

129 13.8 10.5 15.7

127 0.0 0.0 0.0



#5

2-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BE098130.D

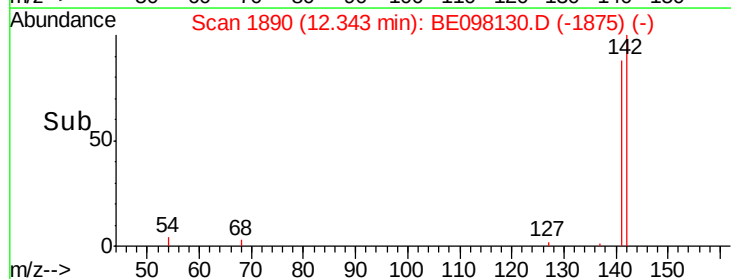
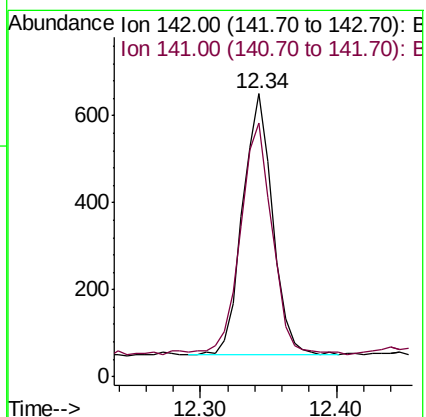
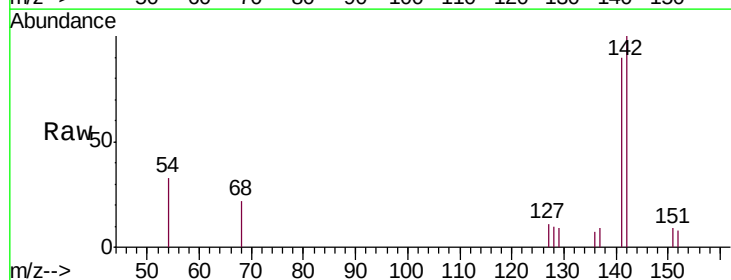
Acq: 31 Oct 2018 23:50

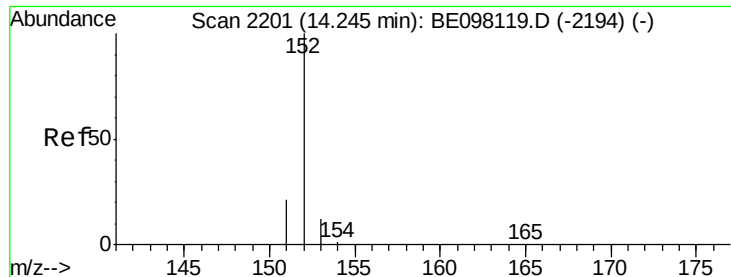
Tgt Ion:142 Resp: 912

Ion Ratio Lower Upper

142 100

141 93.9 72.5 108.7





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.22 min Scan# 2195

Delta R.T. -0.03 min

Lab File: BE098130.D

Acq: 31 Oct 2018 23:50

Instrument :

BNA_E

ClientSampleId :

A40G2

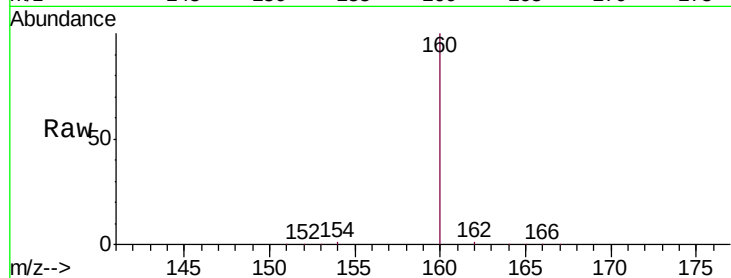
Tgt Ion:152 Resp: 713

Ion Ratio Lower Upper

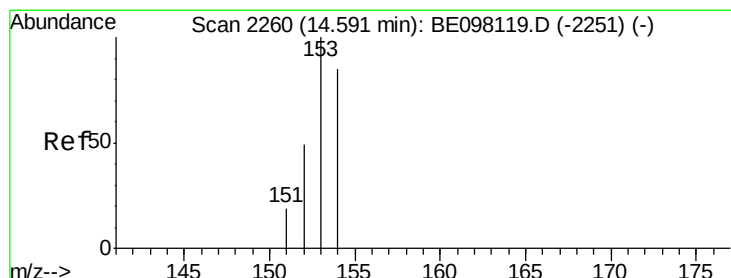
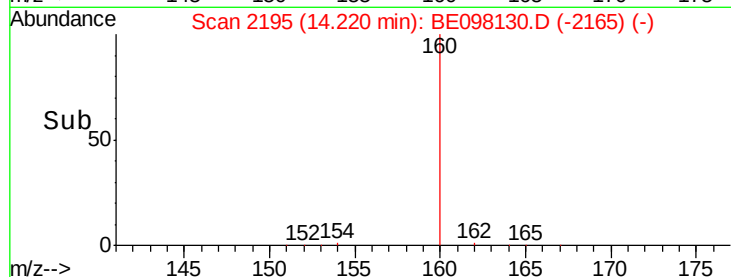
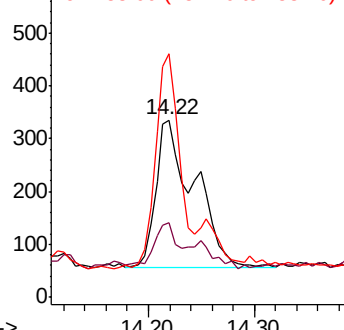
152 100

151 42.3 17.3 25.9#

153 137.2 11.9 17.9#



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: 1.848 ng/ul

RT: 14.58 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BE098130.D

Acq: 31 Oct 2018 23:50

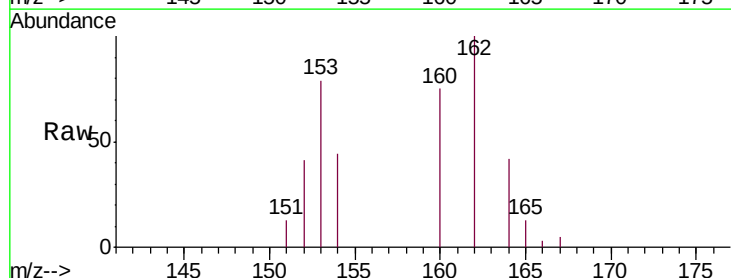
Tgt Ion:153 Resp: 35731

Ion Ratio Lower Upper

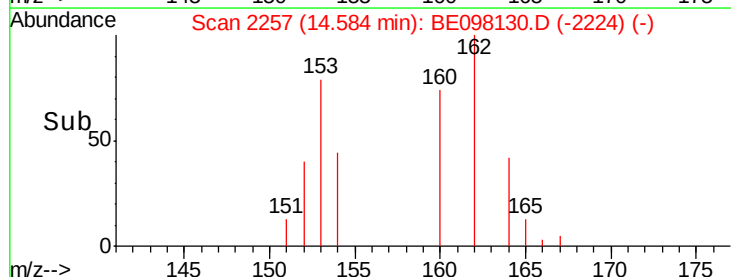
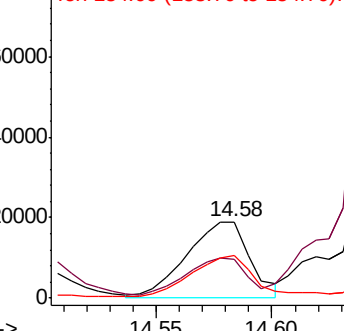
153 100

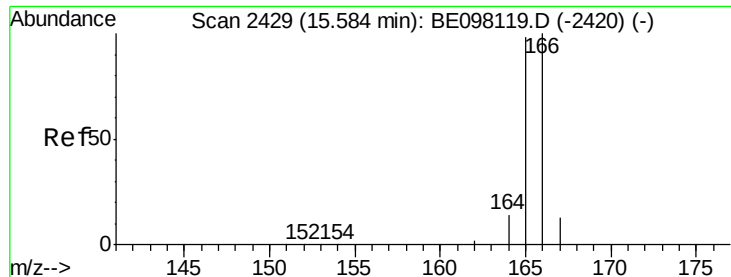
152 51.4 39.4 59.0

154 56.3 70.5 105.7#



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: 22.517 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BE098130.D

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Instrument :

BNA_E

ClientSampleId :

A40G2

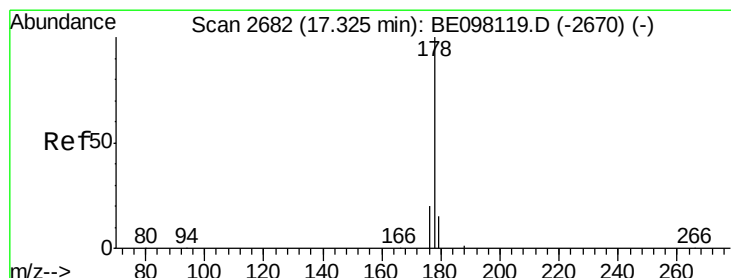
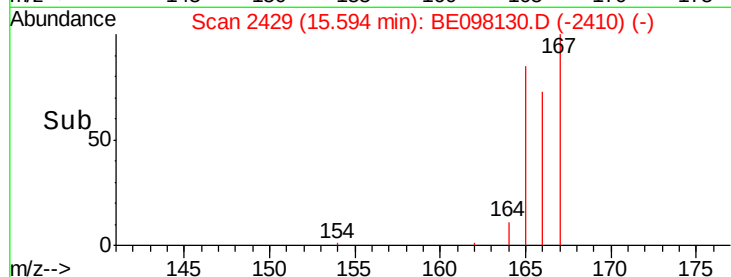
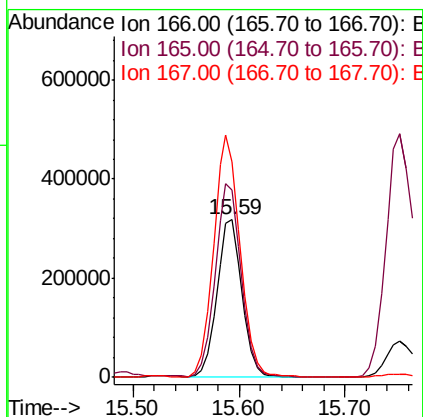
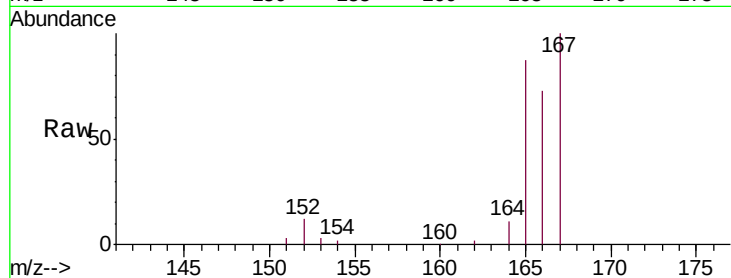
Tgt Ion:166 Resp: 523993

Ion Ratio Lower Upper

166 100

165 118.8 80.2 120.4

167 136.6 12.0 18.0#



#12

Phenanthrene

Concen: 0.062 ng/ul

RT: 17.35 min Scan# 2684

Delta R.T. 0.03 min

Lab File: BE098130.D

Acq: 31 Oct 2018 23:50

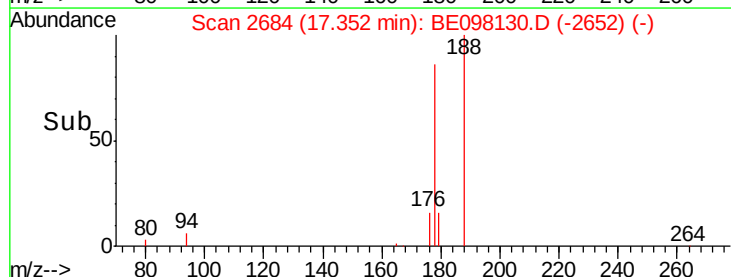
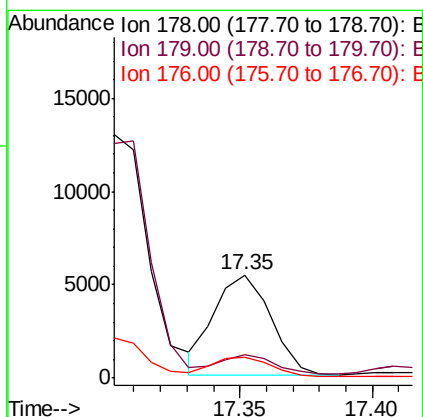
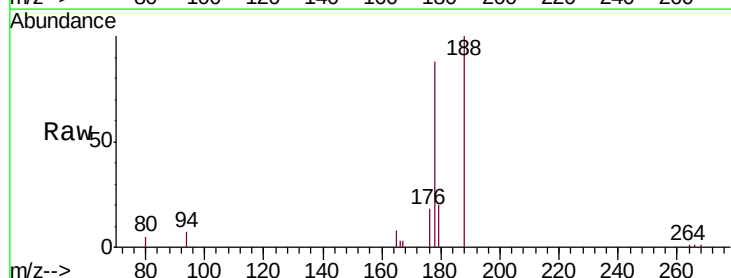
Tgt Ion:178 Resp: 7911

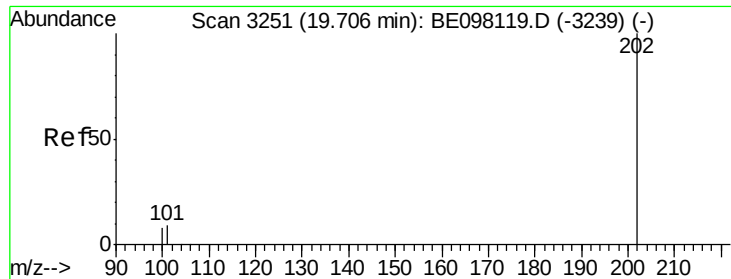
Ion Ratio Lower Upper

178 100

179 22.2 13.0 19.4#

176 20.3 15.7 23.5

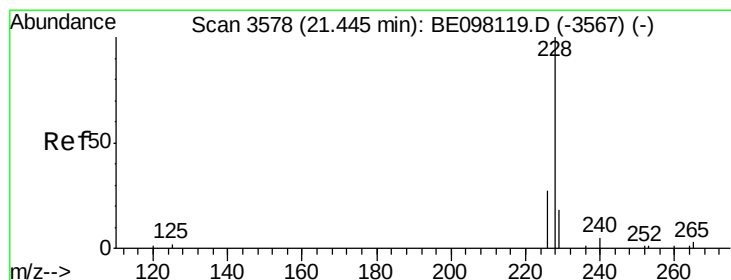
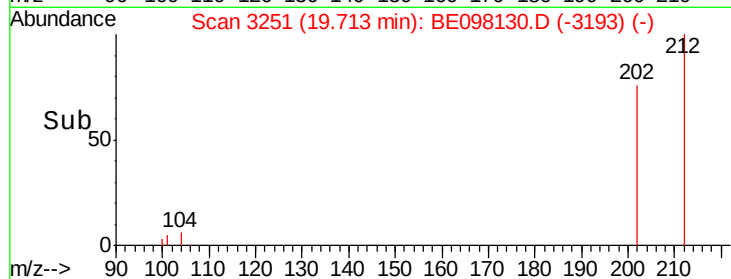
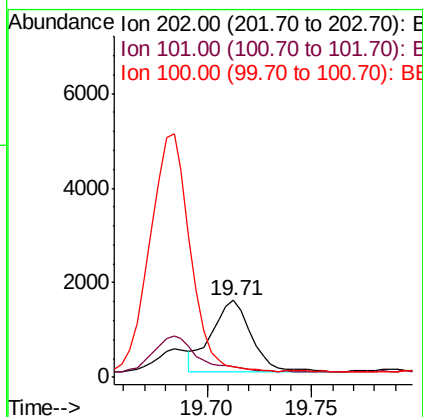
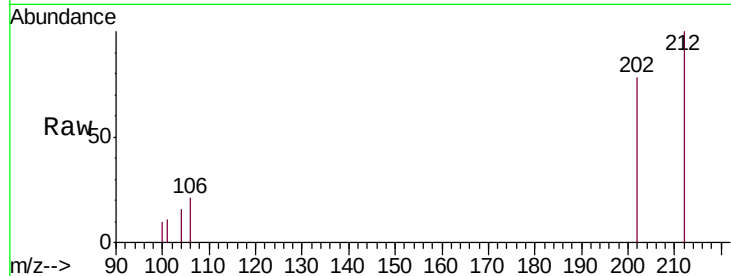




#17
Pyrene
Concen: 0.404 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BE098130.D
Acq: 31 Oct 2018 23:50

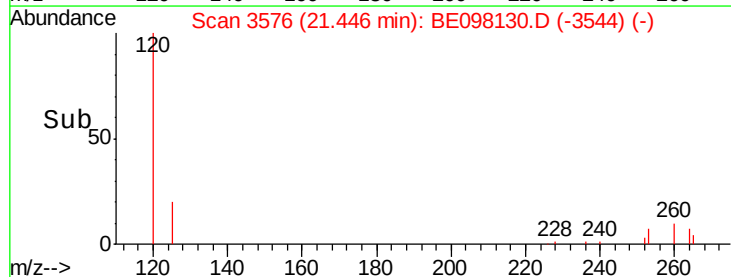
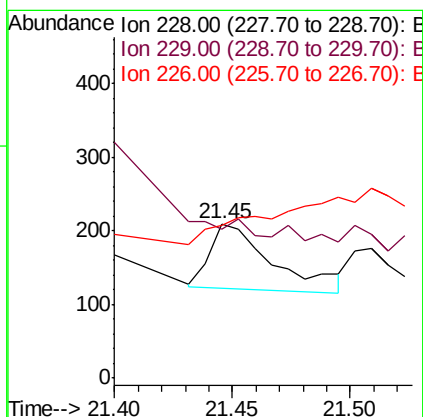
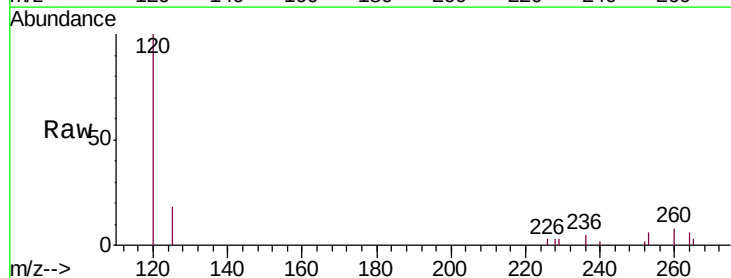
Instrument :
BNA_E
ClientSampleId :
A40G2

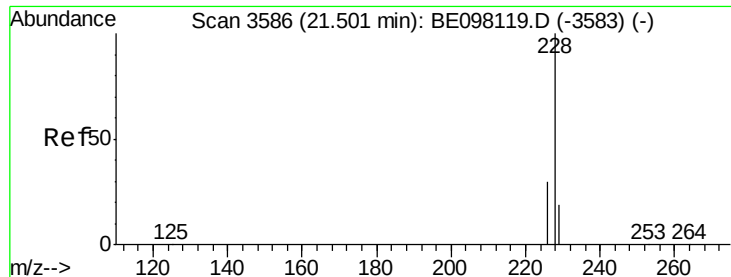
Tgt Ion: 202 Resp: 1984
Ion Ratio Lower Upper
202 100
101 14.2 6.9 10.3#
100 13.4 6.0 9.0#



#18
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.45 min Scan# 3576
Delta R.T. 0.00 min
Lab File: BE098130.D
Acq: 31 Oct 2018 23:50

Tgt Ion: 228 Resp: 164
Ion Ratio Lower Upper
228 100
229 96.2 16.1 24.1#
226 98.6 22.2 33.4#





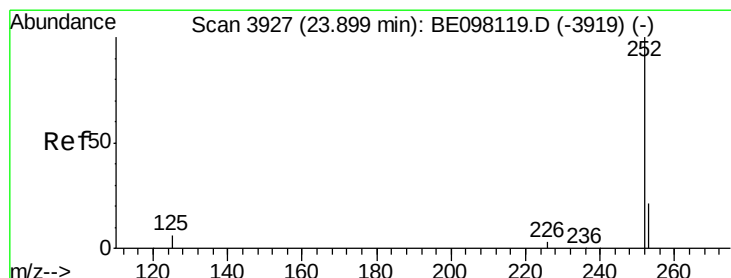
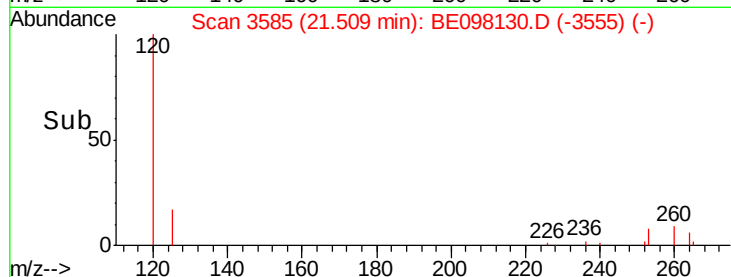
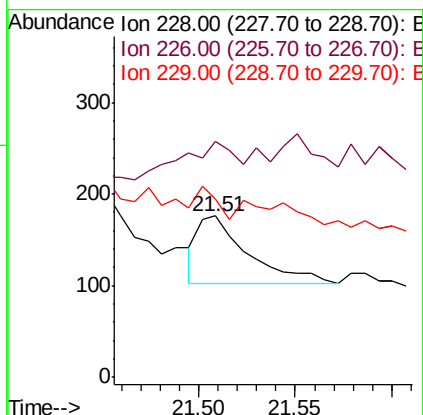
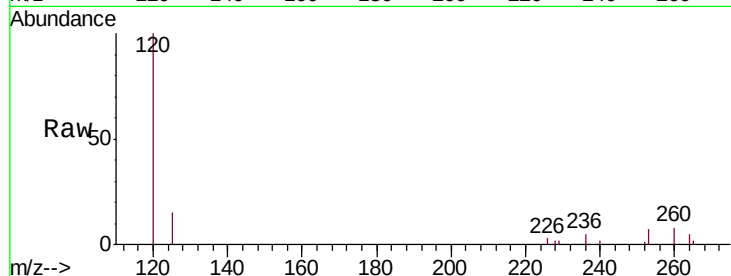
#19

Chrysene

Concen: 0.028 ng/ul
 RT: 21.51 min Scan# 3585
 Delta R.T. 0.01 min
 Lab File: BE098130.D
 Acq: 31 Oct 2018 23:50

Instrument :
 BNA_E
 ClientSampleId :
 A40G2

Tgt Ion: 228 Resp: 135
 Ion Ratio Lower Upper
 228 100
 226 146.6 24.6 37.0#
 229 110.8 16.4 24.6#



#23

Benzo(a)pyrene

Concen: 0.051 ng/ul
 RT: 23.89 min Scan# 3923
 Delta R.T. -0.01 min
 Lab File: BE098130.D
 Acq: 31 Oct 2018 23:50

Tgt Ion: 252 Resp: 1249
 Ion Ratio Lower Upper
 252 100
 253 82.0 19.4 29.2#
 125 513.3 7.8 11.8#

