

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

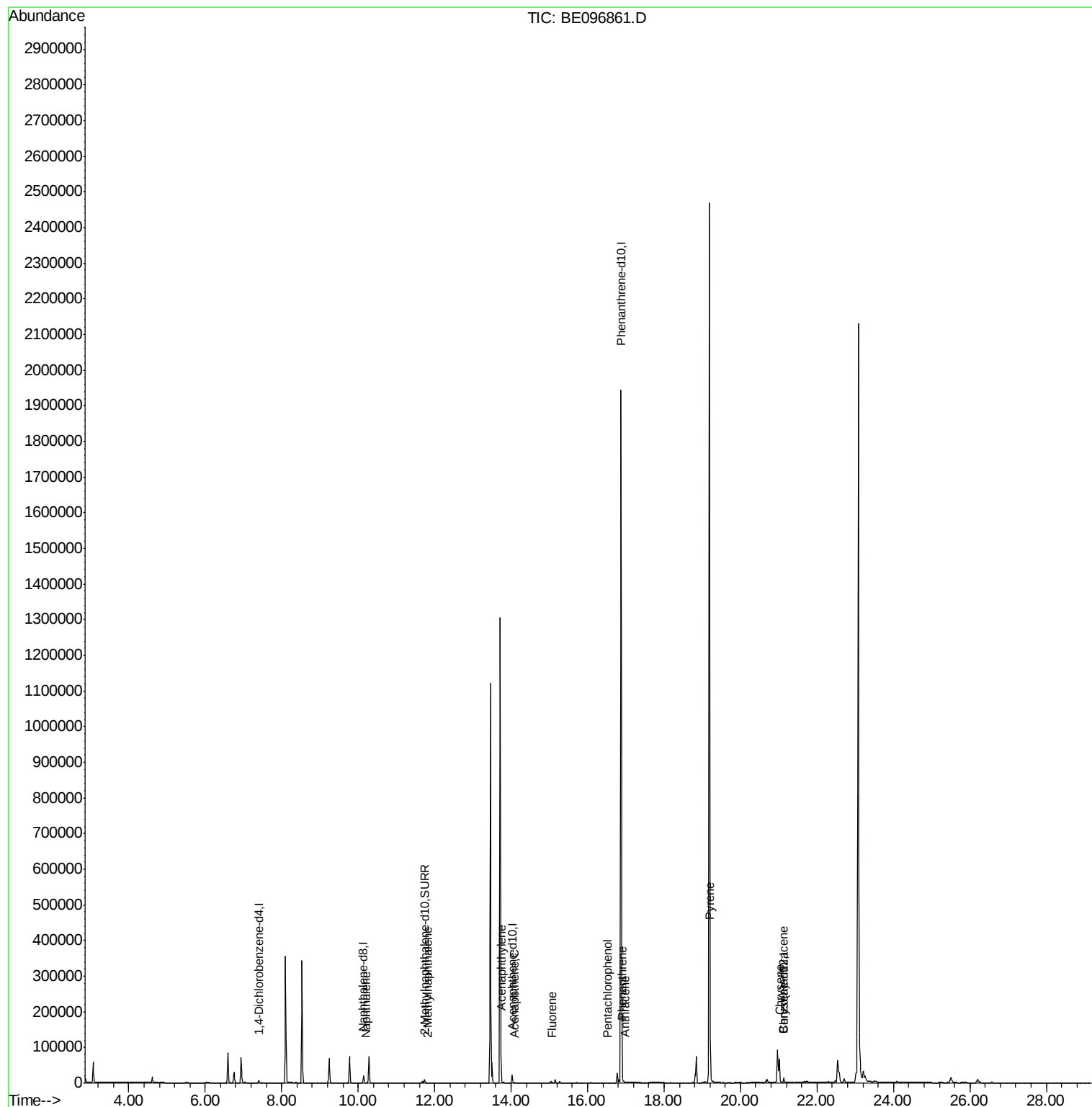
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3767	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12617	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	2233771	0.40	ng/ul	0.10
16) Chrysene-d12	21.14	240	40	0.40	ng/ul	0.16
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.21
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	11218	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	358	0.008	ng/ul#	64
5) 2-Methylnaphthalene	11.81	142	154	0.005	ng/ul	84
7) Acenaphthylene	13.74	152	4636	0.090	ng/ul	99
8) Acenaphthene	14.09	153	521	0.012	ng/ul#	89
9) Fluorene	15.08	166	919	0.021	ng/ul	90
11) Pentachlorophenol	16.52	266	26	0.000	ng/ul#	28
12) Phenanthrene	16.91	178	8074	0.001	ng/ul#	92
13) Anthracene	16.97	178	278	0.000	ng/ul#	1
17) Pyrene	19.21	202	93941	715.466	ng/ul#	82
18) Benzo(a)anthracene	21.13	228	10049	106.510	ng/ul#	47
19) Chrysene	21.02	228	64139	524.735	ng/ul	98

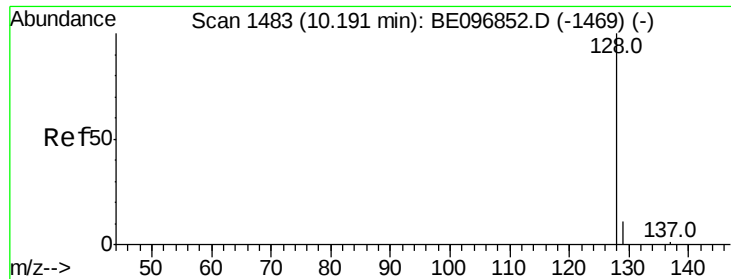
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.008 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

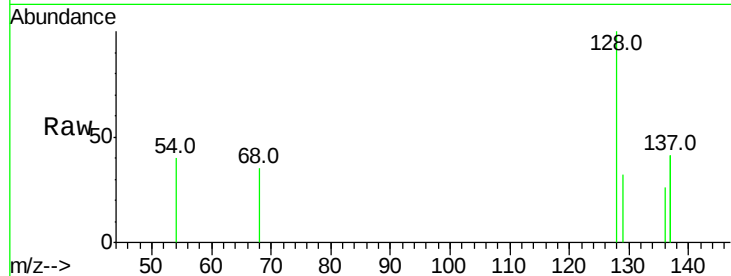
Tot Ion:128 Resp: 358

Ion Ratio Lower Upper

128 100

129 31.6 11.3 16.9#

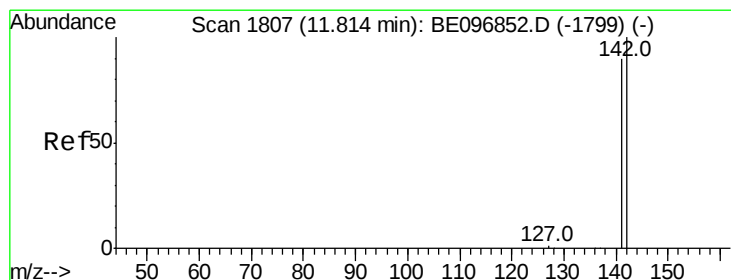
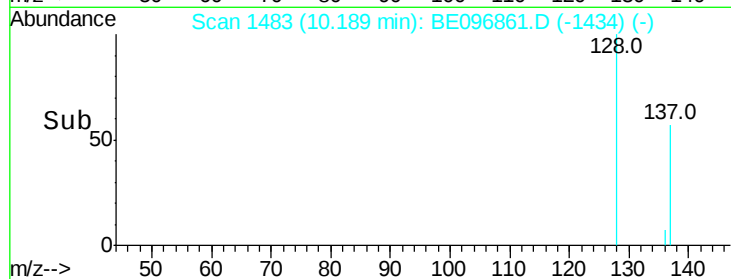
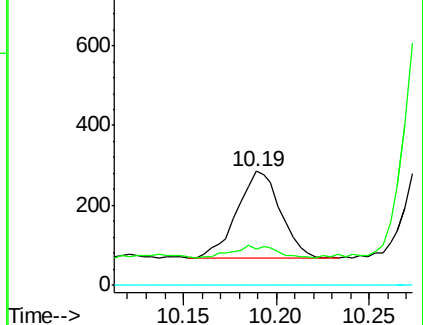
127 0.0 4.0 6.0#



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: 0.005 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096861.D

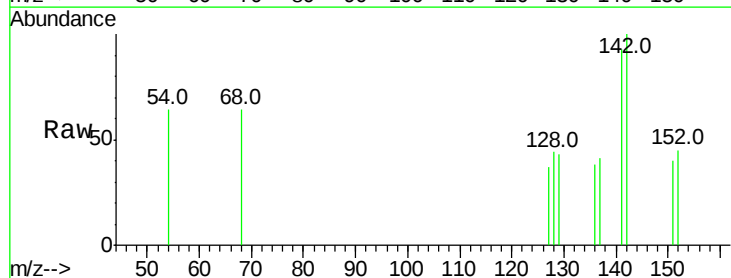
Acq: 6 Jul 2018 19:58

Tgt Ion:142 Resp: 154

Ion Ratio Lower Upper

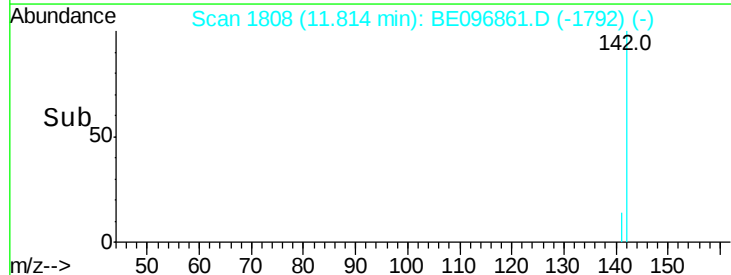
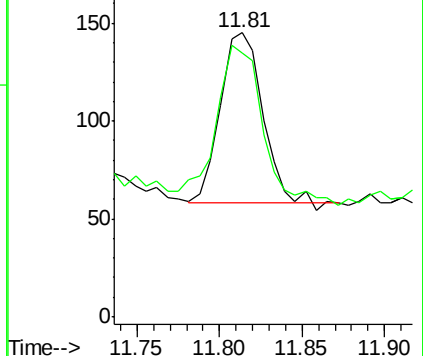
142 100

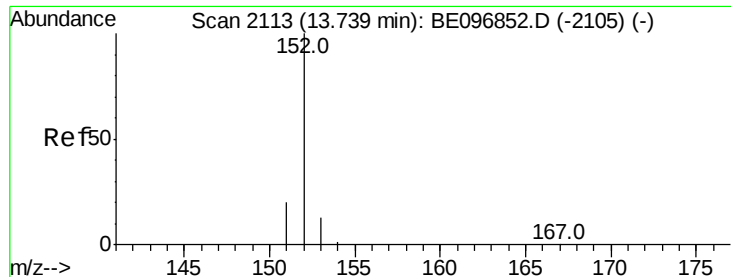
141 105.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

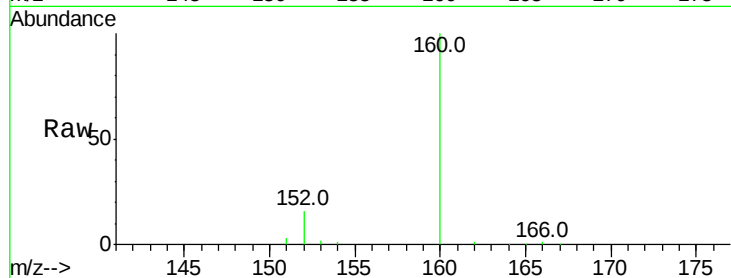
Tot Ion:152 Resp: 4636

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

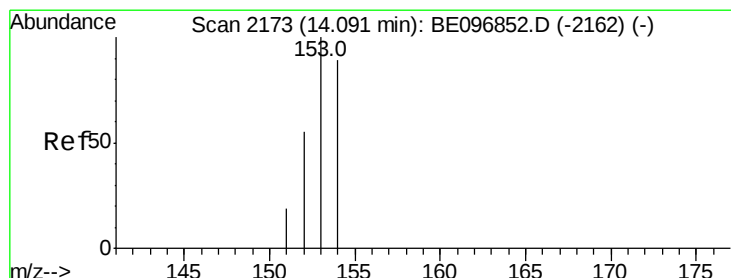
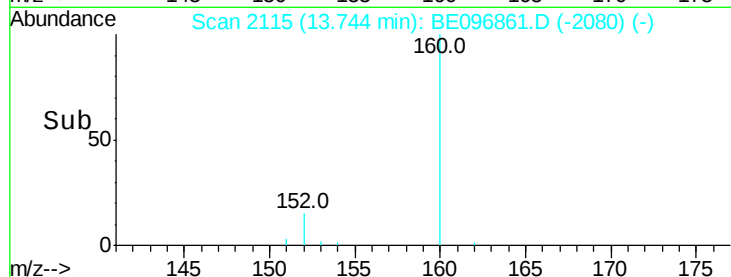
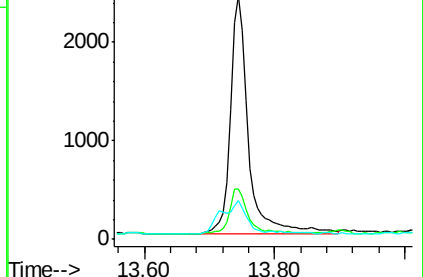
153 15.9 12.8 19.2



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: 0.012 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

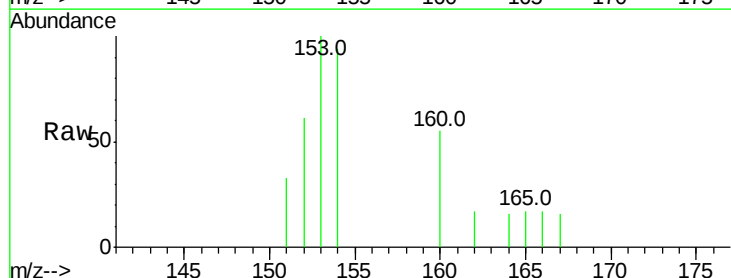
Tgt Ion:153 Resp: 521

Ion Ratio Lower Upper

153 100

152 61.2 36.0 54.0#

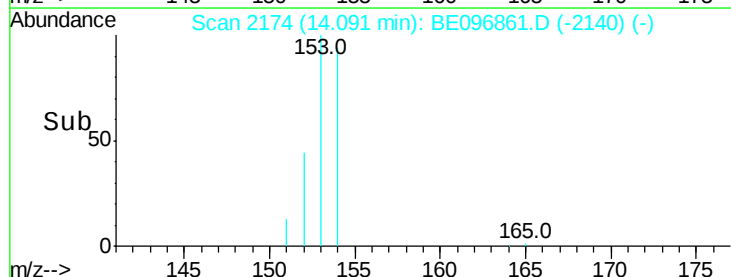
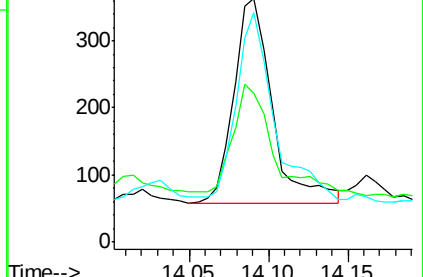
154 94.2 72.0 108.0

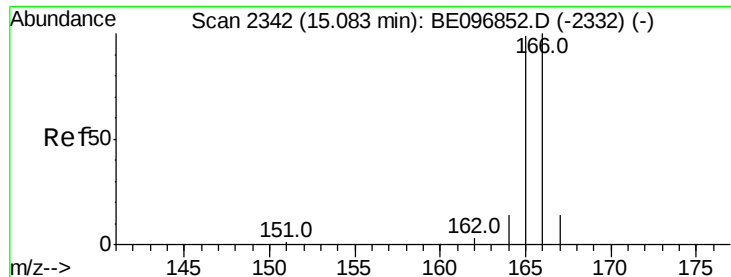


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

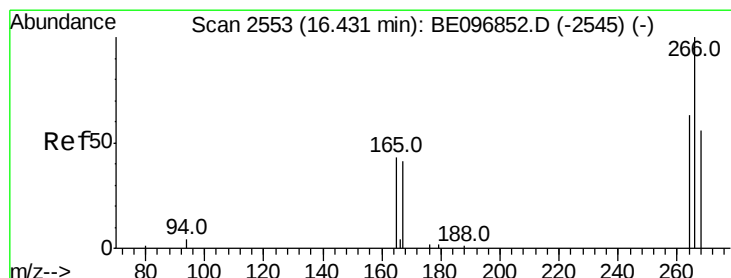
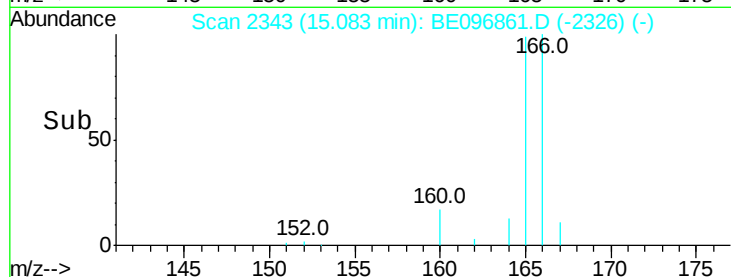
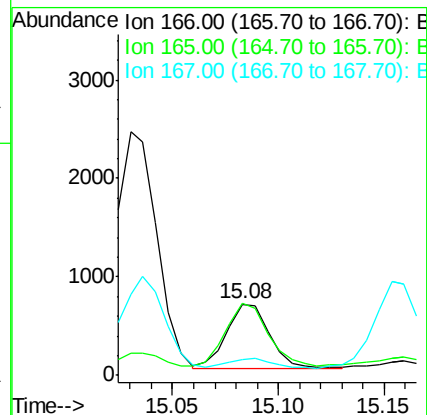
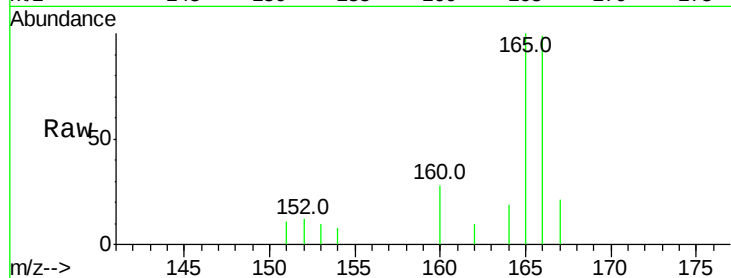
Tot Ion:166 Resp: 919

Ion Ratio Lower Upper

166 100

165 101.2 73.4 110.2

167 21.7 14.6 22.0



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.52 min Scan# 2567

Delta R.T. 0.09 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

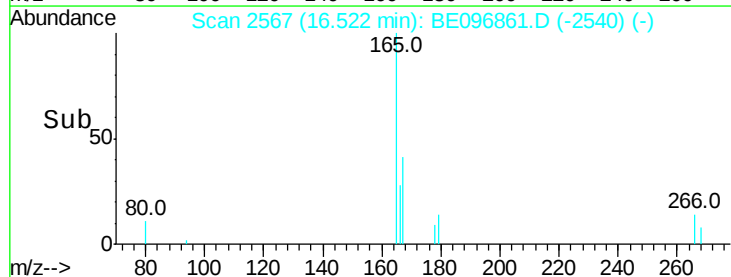
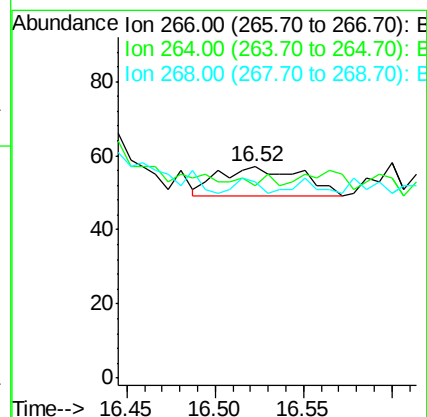
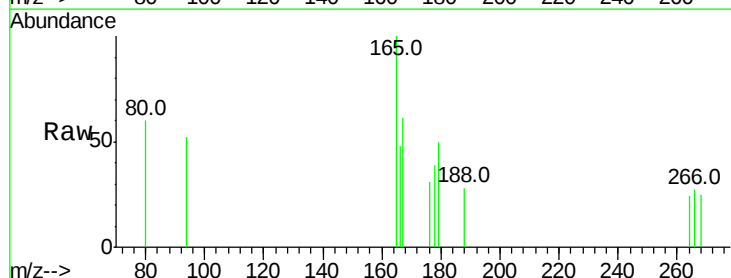
Tgt Ion:266 Resp: 26

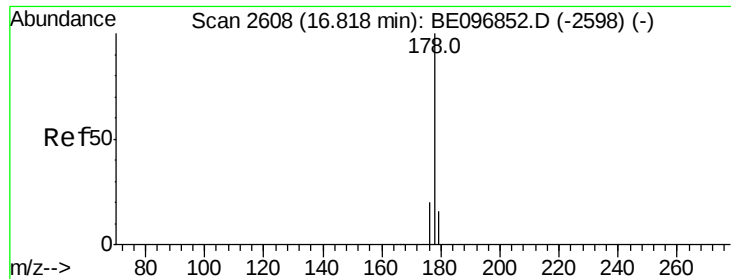
Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 11.5 49.8 74.8#





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

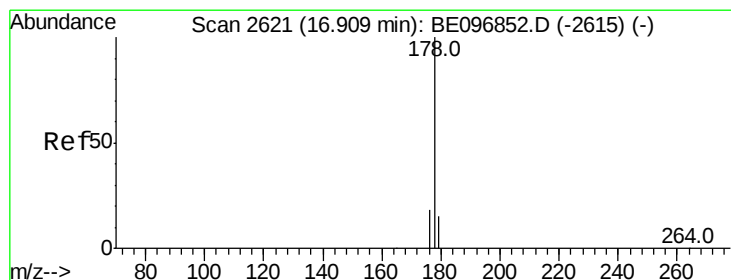
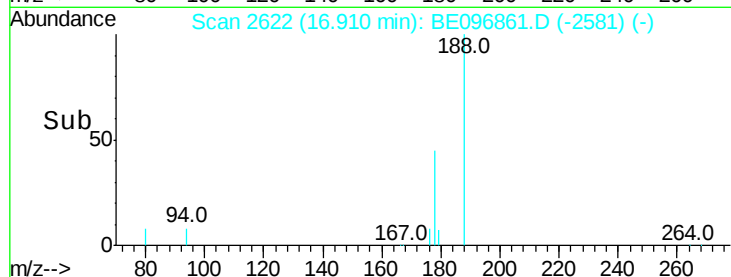
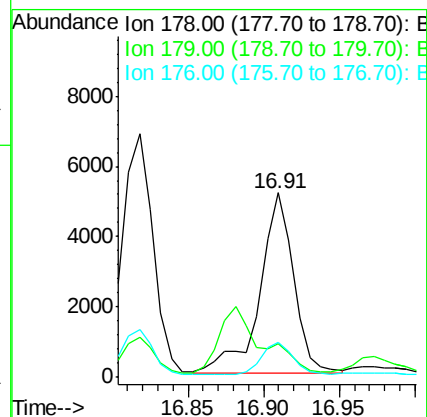
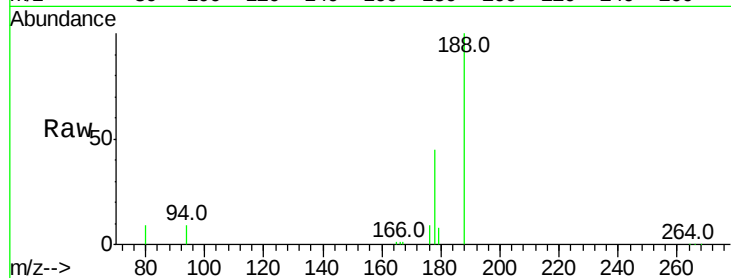
Tot Ion:178 Resp: 8074

Ion Ratio Lower Upper

178 100

179 18.1 18.4 27.6#

176 19.2 13.6 20.4



#13

Anthracene

Concen: 0.000 ng/ul

RT: 16.97 min Scan# 2630

Delta R.T. 0.06 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

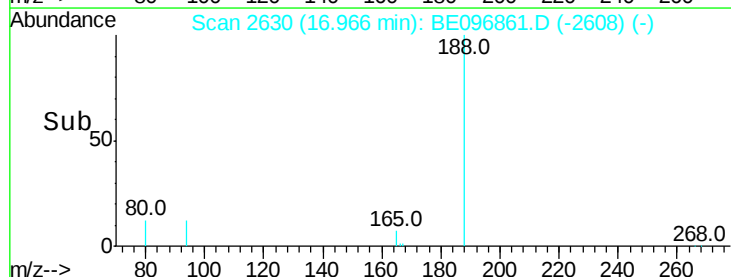
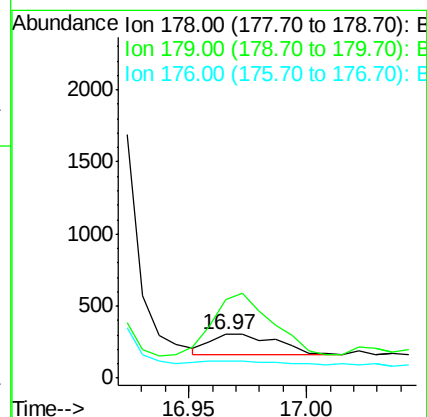
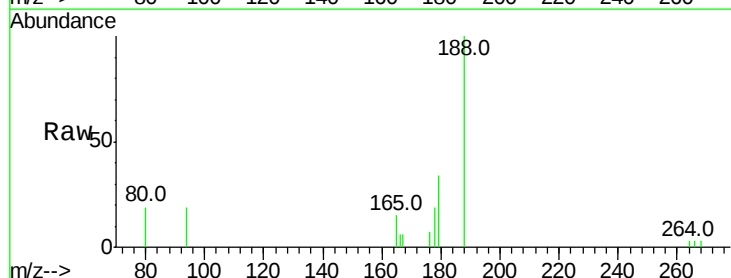
Tgt Ion:178 Resp: 278

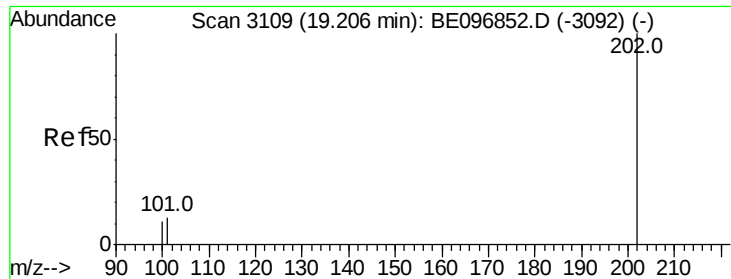
Ion Ratio Lower Upper

178 100

179 180.5 18.1 27.1#

176 39.9 14.7 22.1#

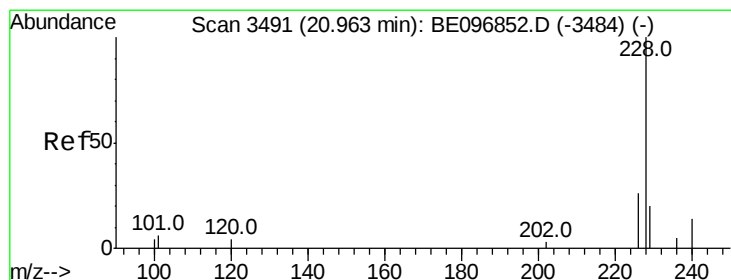
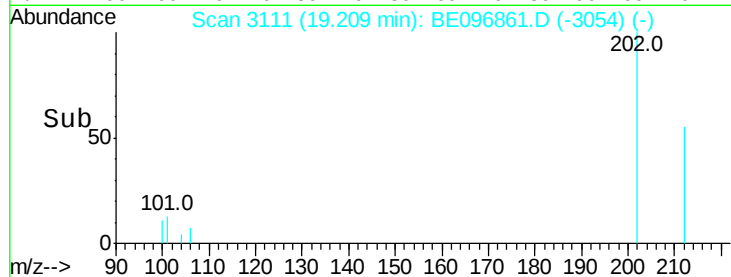
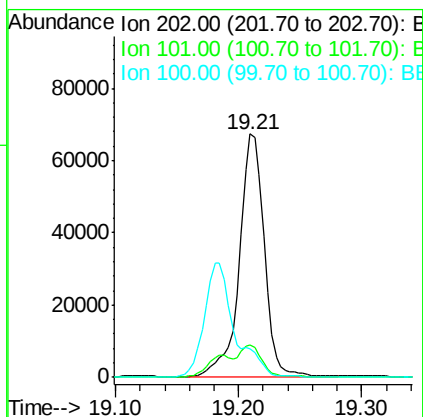
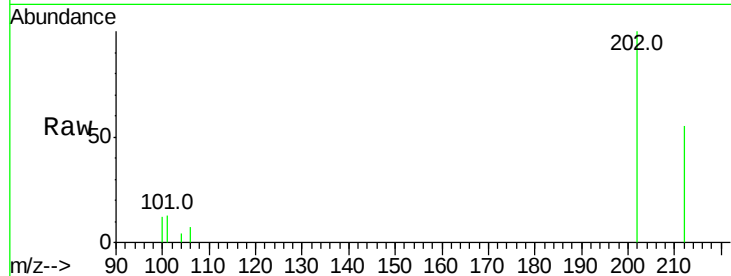




#17
Pvrene
Concen: 715.466 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

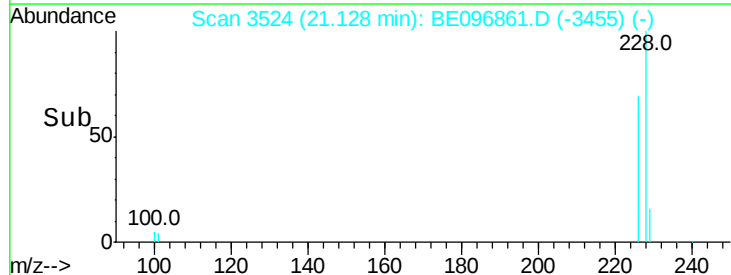
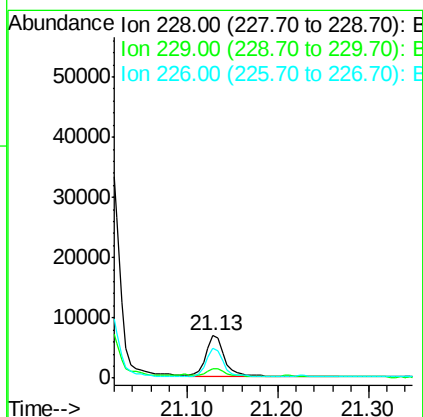
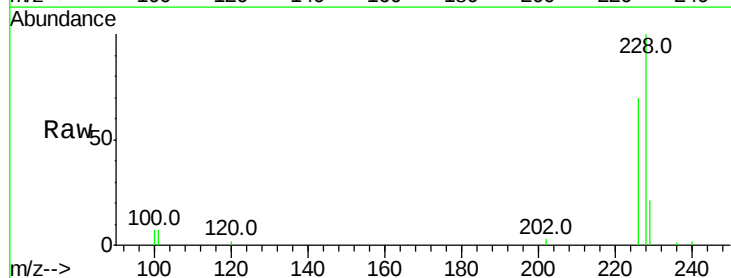
Instrument :
BNA_E
ClientSampleId :

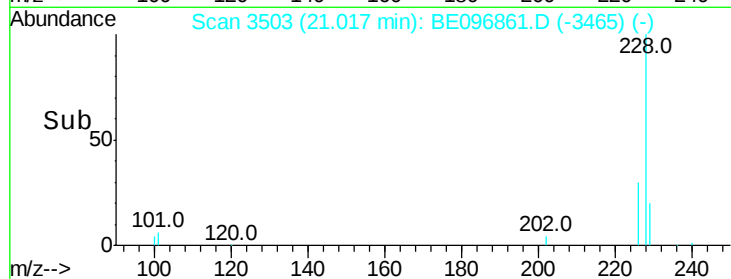
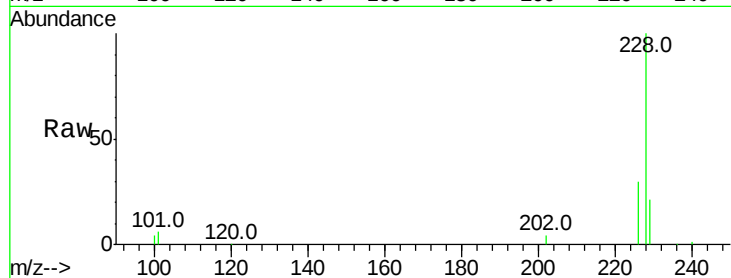
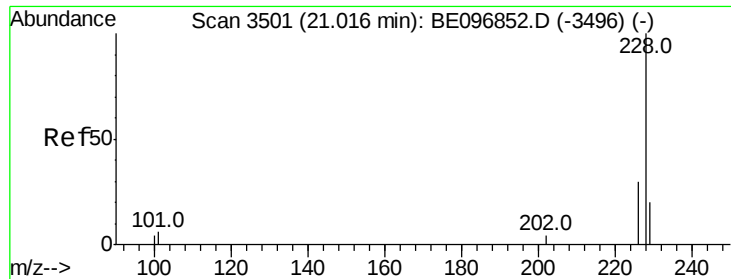
Tot Ion:202 Resp: 93941
Ion Ratio Lower Upper
202 100
101 13.4 18.2 27.4#
100 11.7 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 106.510 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Tgt Ion:228 Resp: 10049
Ion Ratio Lower Upper
228 100
229 20.8 22.8 34.2#
226 70.2 17.0 25.6#





#19

Chrysene

Concen: 524.735 ng/ul

RT: 21.02 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 228 Resp: 64139

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 21.1 17.7 26.5

