

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042318\
 Data File : BE096099.D
 Acq On : 23 Apr 2018 23:38
 Operator : SJ/JU
 Sample : J2434-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 14:34:56 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2082	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	298989	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	270	0.40	ng/ul	0.14
20) Perylene-d12	24.56	264	3855	0.40	ng/ul	0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.76	152	1840	0.17	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

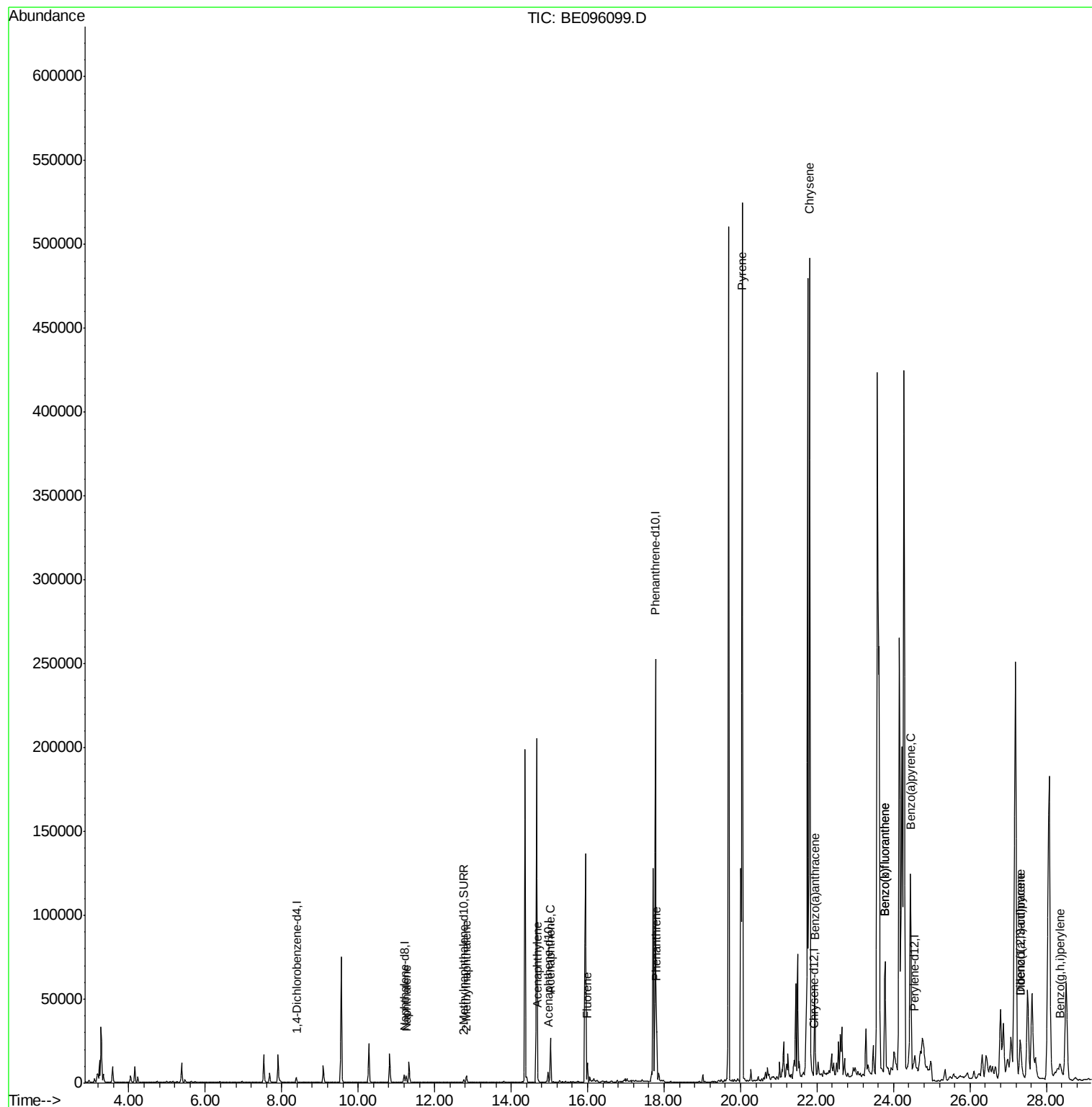
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.25	128	5069	0.311	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	3189	0.289	ng/ul	100
7) Acenaphthylene	14.70	152	2109	0.120	ng/ul	93
8) Acenaphthene	15.03	153	15179	1.204	ng/ul	96
9) Fluorene	15.99	166	7508	0.527	ng/ul#	92
12) Phenanthrene	17.80	178	33294	0.038	ng/ul#	88
17) Pyrene	20.04	202	588910	641.885	ng/ul#	78
18) Benzo(a)anthracene	21.94	228	44220	40.539	ng/ul#	52
19) Chrysene	21.81	228	493146	628.154	ng/ul	97
21) Benzo(b)fluoranthene	23.78	252	99027	7.938	ng/ul	91
22) Benzo(k)fluoranthene	23.78	252	99027	7.969	ng/ul#	93
23) Benzo(a)pyrene	24.44	252	178427	14.823	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.31	276	12270	0.917	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.32	278	38880	3.609	ng/ul	95
26) Benzo(g,h,i)perylene	28.35	276	9225	0.826	ng/ul#	9

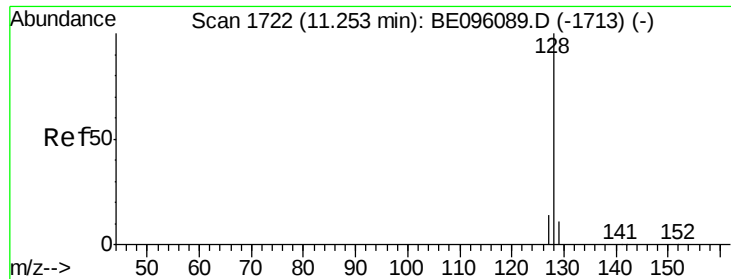
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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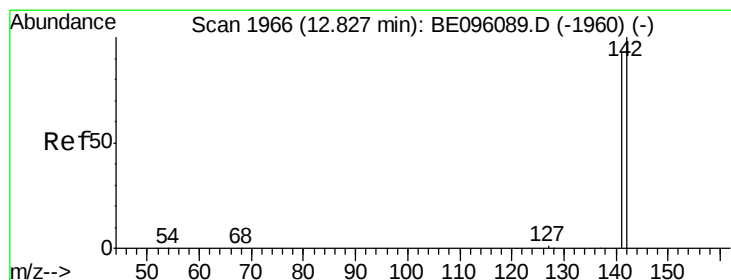
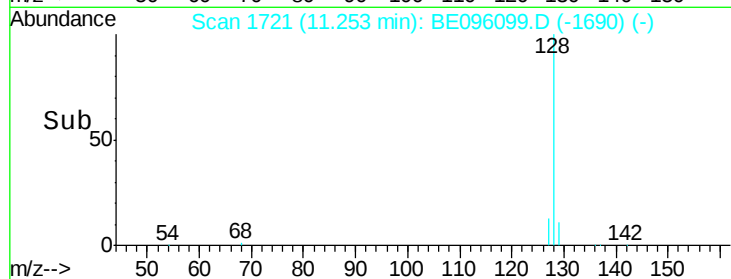
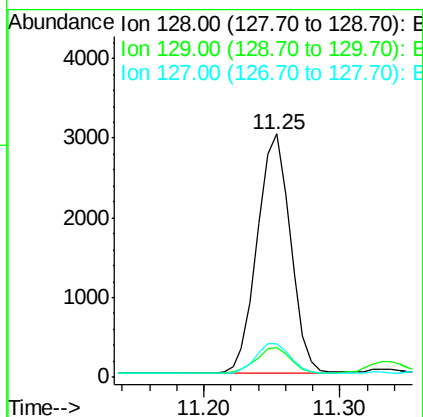
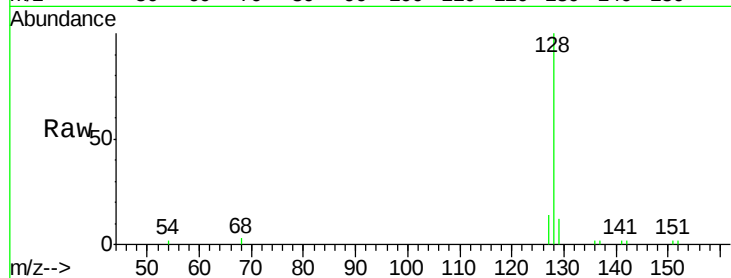




#3
Naphthalene
Concen: 0.311 ng/ul
RT: 11.25 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

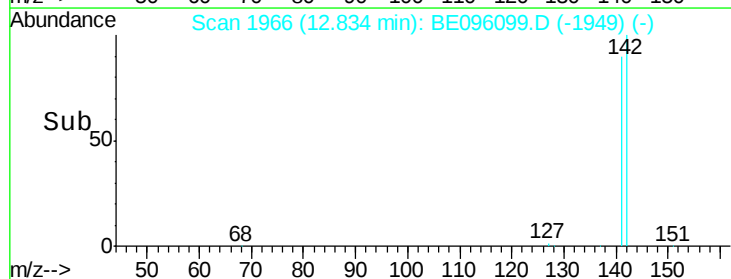
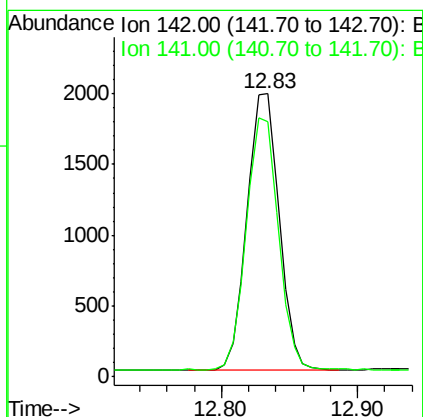
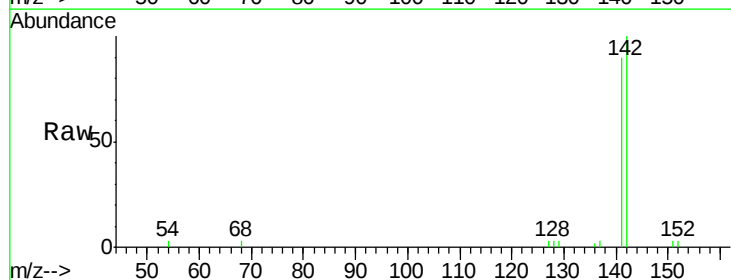
Instrument :
BNA_E
ClientSampleId :

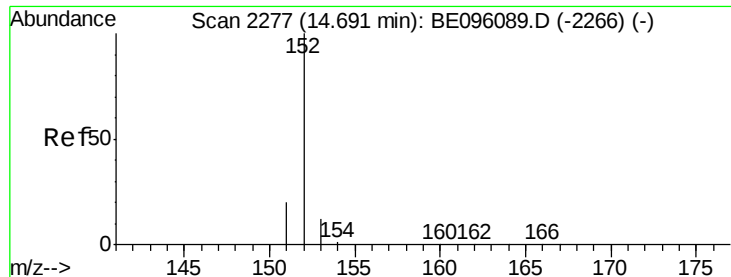
Tgt Ion:128 Resp: 5069
Ion Ratio Lower Upper
128 100
129 12.2 11.3 16.9
127 14.0 4.0 6.0#



#5
2-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.83 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion:142 Resp: 3189
Ion Ratio Lower Upper
142 100
141 90.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.70 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE096099.D

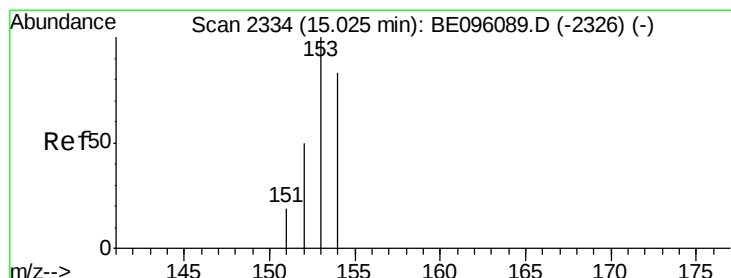
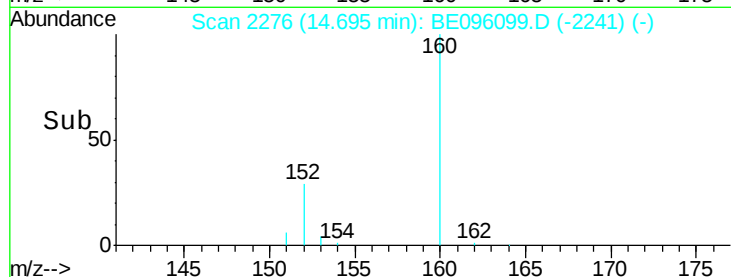
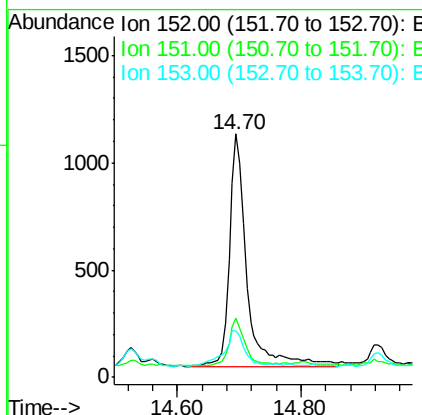
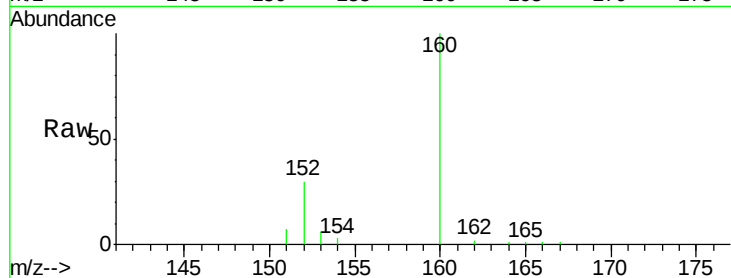
Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	152	Resp:	2109
Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.1	25.7
153	18.9	12.8	19.2



#8

Acenaphthene

Concen: 1.204 ng/ul

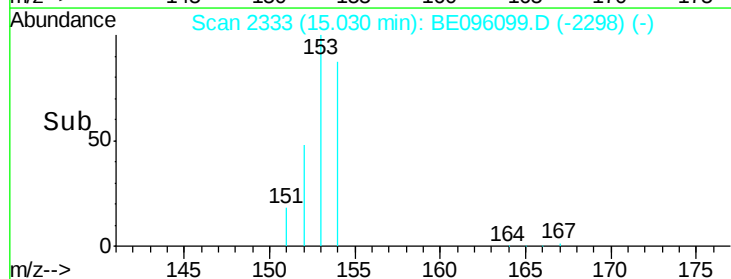
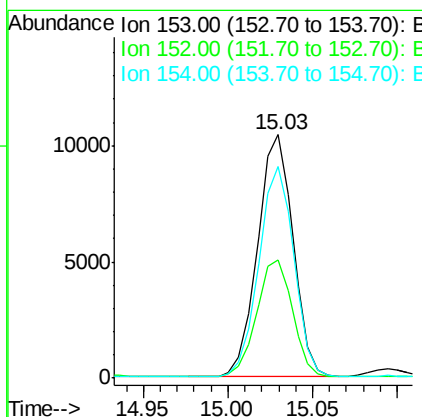
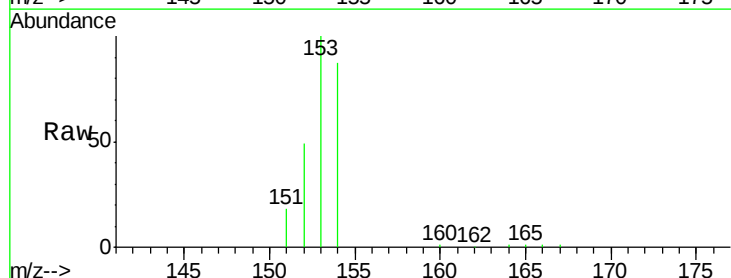
RT: 15.03 min Scan# 2333

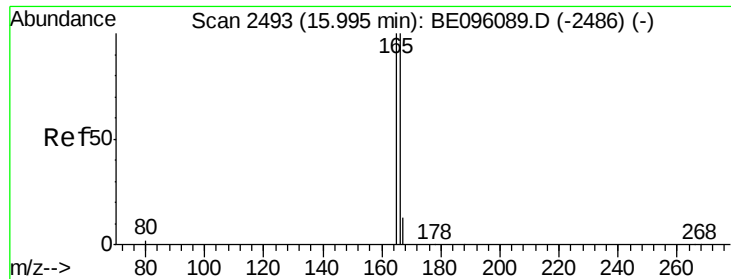
Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Tgt Ion:	153	Resp:	15179
Ion	Ratio	Lower	Upper
153	100		
152	48.6	36.0	54.0
154	86.9	72.0	108.0





#9

Fluorene

Concen: 0.527 ng/ul

RT: 15.99 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

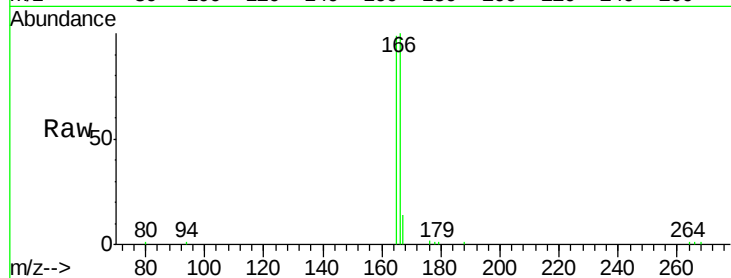
Tgt Ion:166 Resp: 7508

Ion Ratio Lower Upper

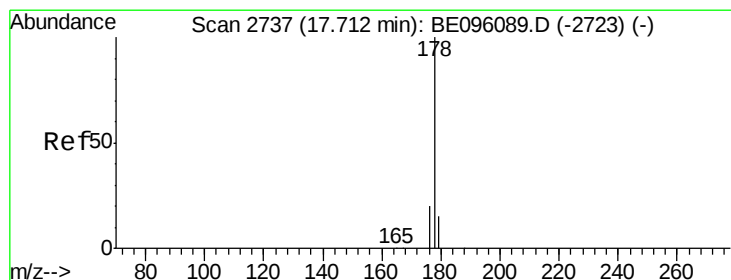
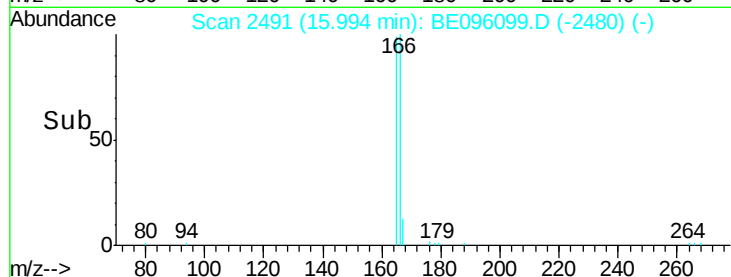
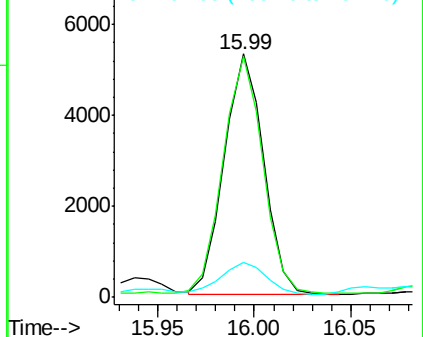
166 100

165 99.0 73.4 110.2

167 14.5 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.038 ng/ul

RT: 17.80 min Scan# 2748

Delta R.T. 0.09 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

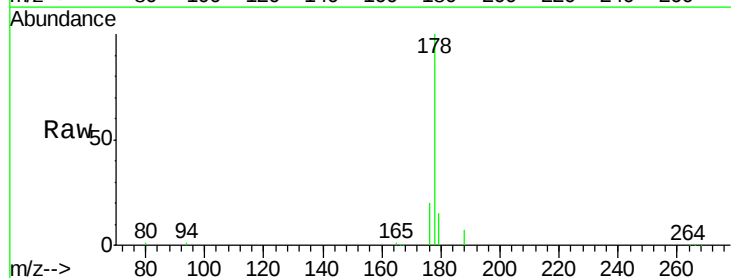
Tgt Ion:178 Resp: 33294

Ion Ratio Lower Upper

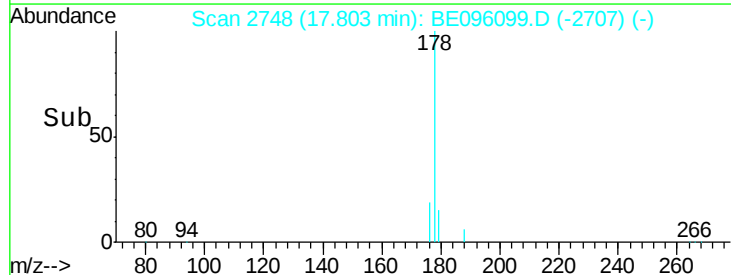
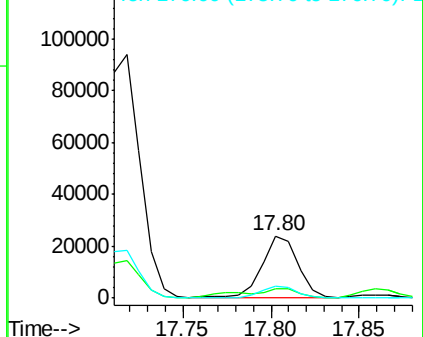
178 100

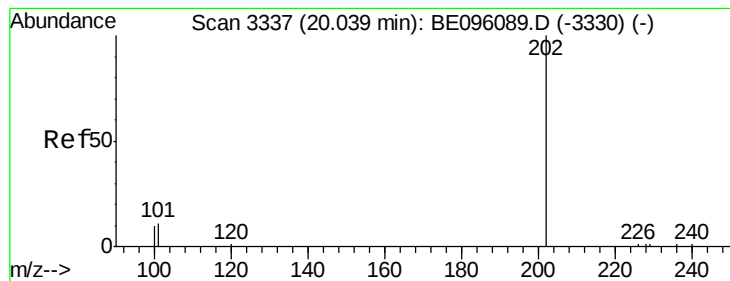
179 15.4 18.4 27.6#

176 19.6 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





#17

Pyrene

Concen: 641.885 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

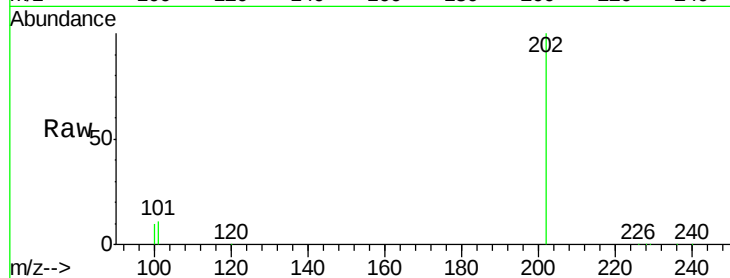
Tgt Ion:202 Resp: 588910

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

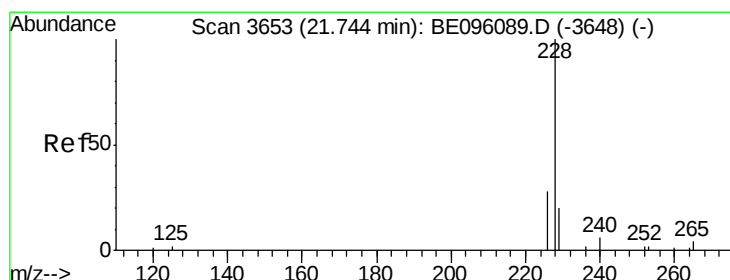
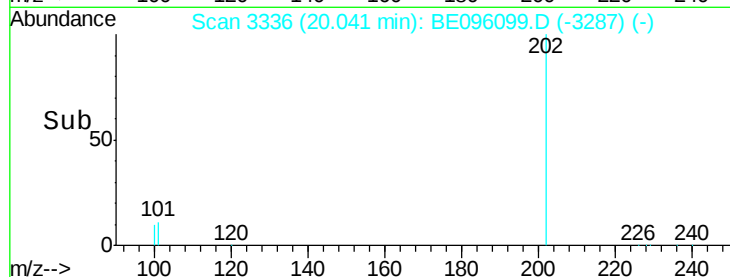
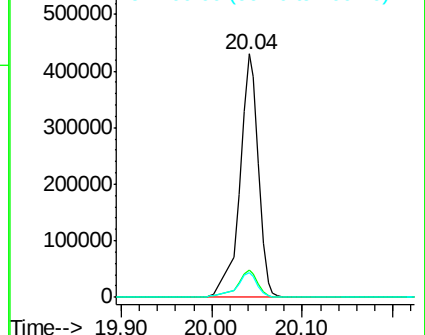
100 10.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 40.539 ng/ul

RT: 21.94 min Scan# 3680

Delta R.T. 0.20 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

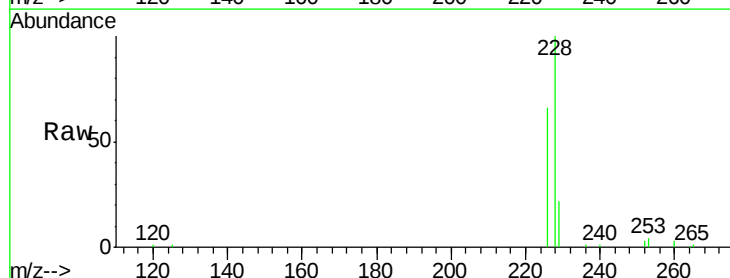
Tgt Ion:228 Resp: 44220

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

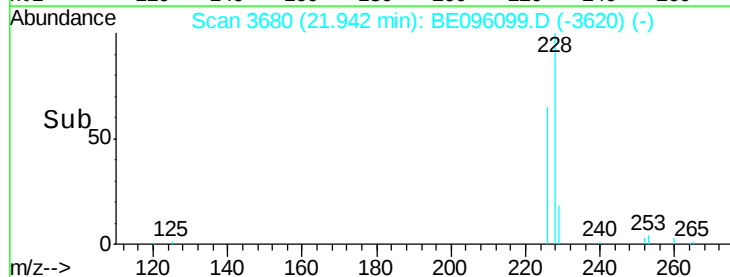
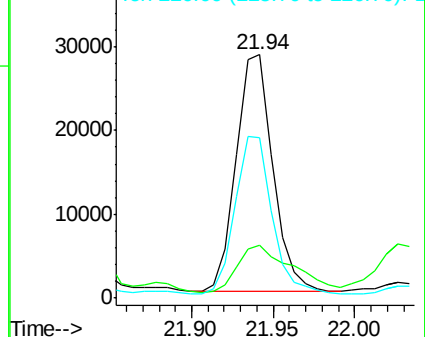
226 65.6 17.0 25.6#

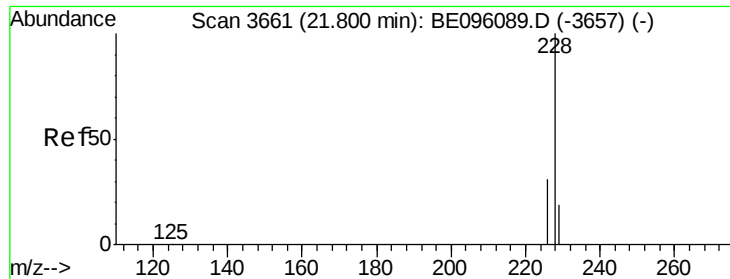


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 628.154 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.01 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :

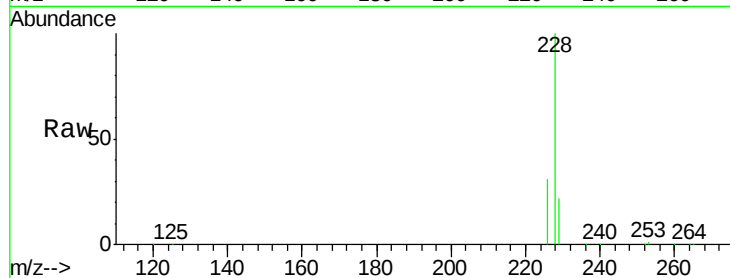
Tgt Ion:228 Resp: 493146

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

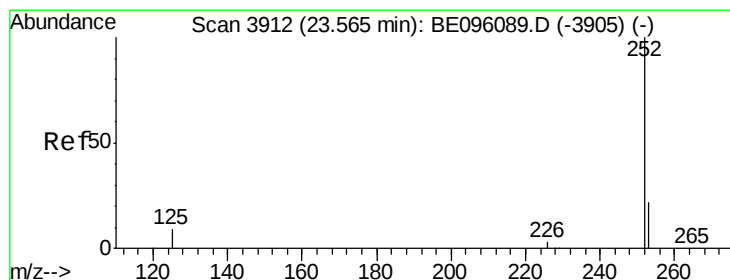
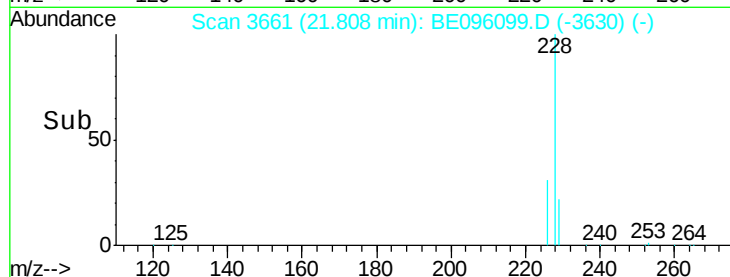
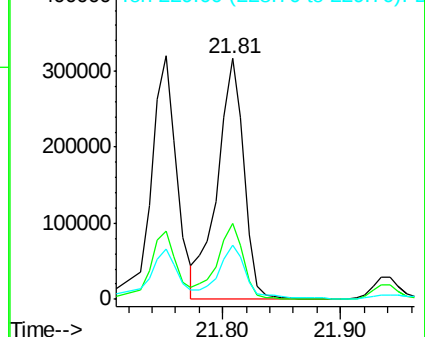
229 22.4 17.7 26.5



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: 7.938 ng/ul

RT: 23.78 min Scan# 3941

Delta R.T. 0.21 min

Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

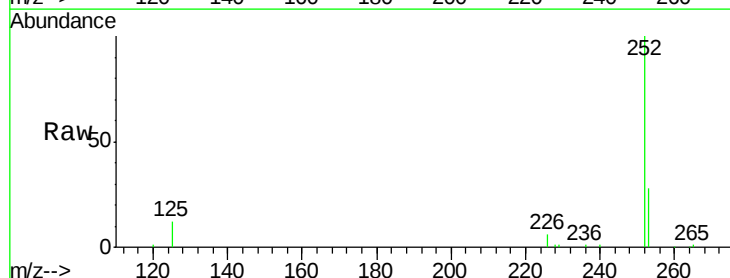
Tgt Ion:252 Resp: 99027

Ion Ratio Lower Upper

252 100

253 27.8 0.0 64.2

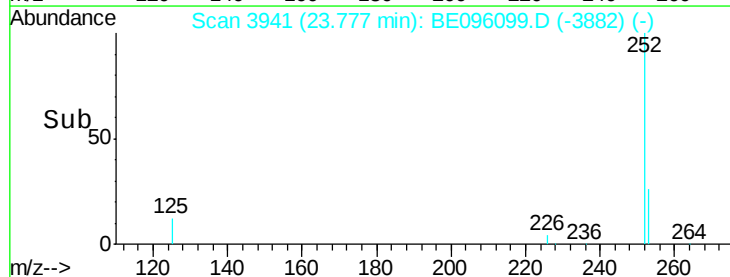
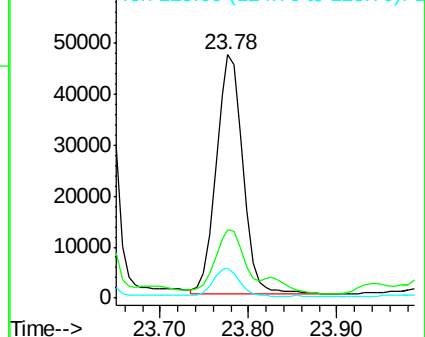
125 12.5 0.0 35.0

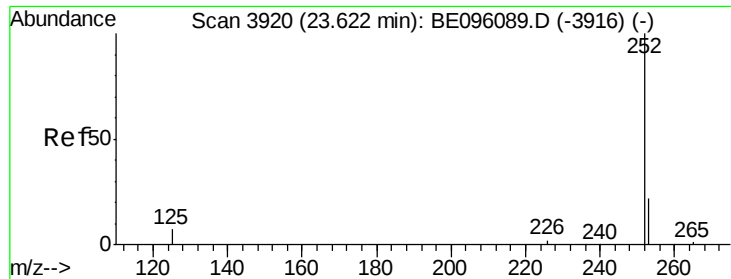


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

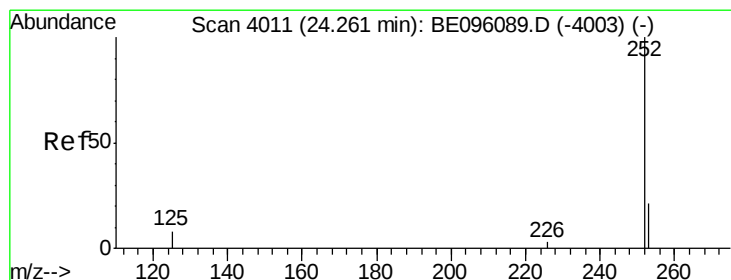
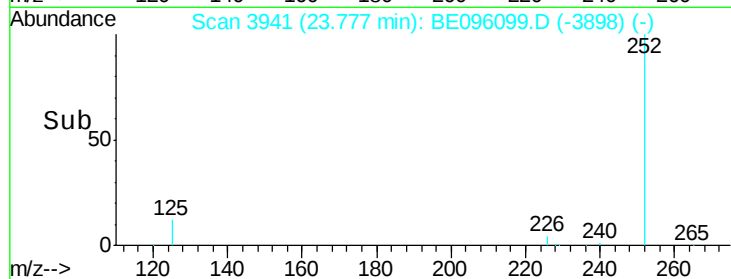
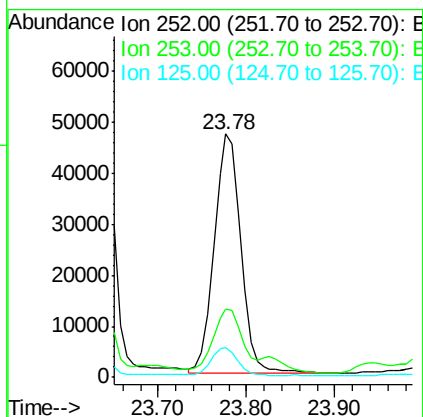
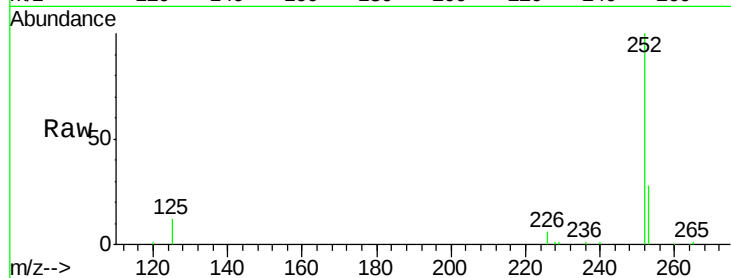




#22
Benzo(k)fluoranthene
Concen: 7.969 ng/ul
RT: 23.78 min Scan# 3941
Delta R.T. 0.16 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

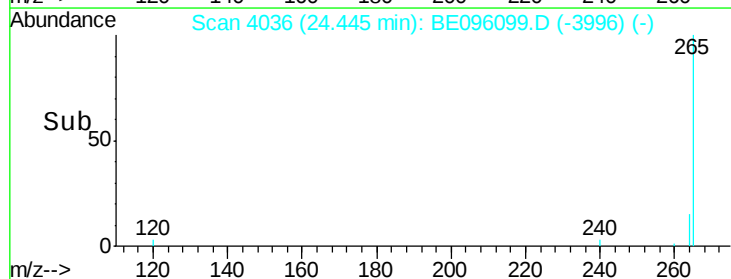
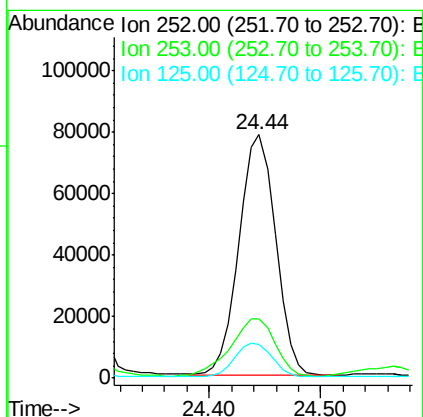
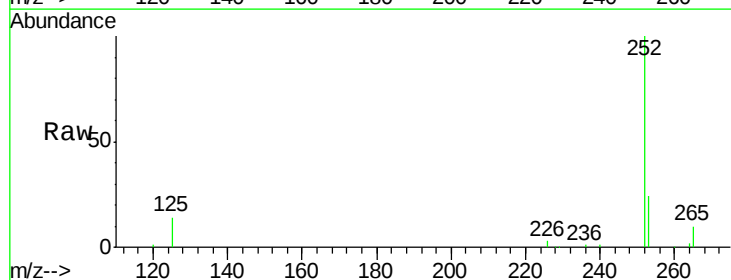
Instrument :
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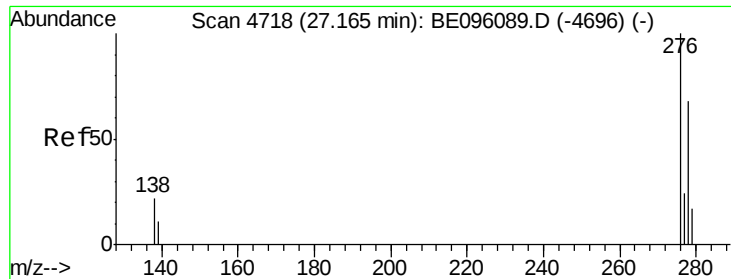
Tgt Ion:252 Resp: 99027
Ion Ratio Lower Upper
252 100
253 27.8 24.5 36.7
125 12.5 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 14.823 ng/ul
RT: 24.44 min Scan# 4036
Delta R.T. 0.18 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion:252 Resp: 178427
Ion Ratio Lower Upper
252 100
253 24.2 28.5 42.7#
125 13.9 18.1 27.1#



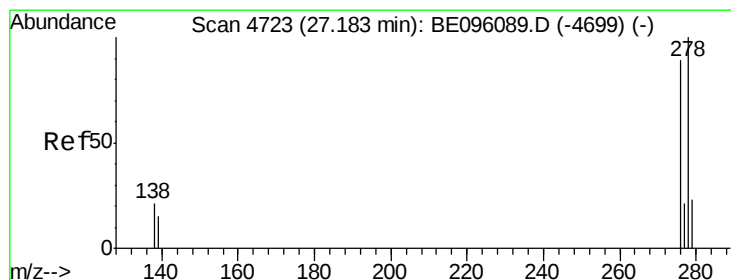
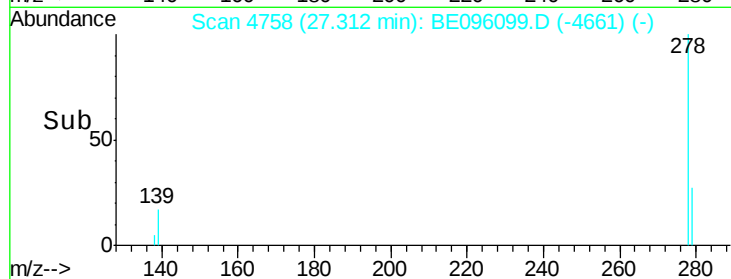
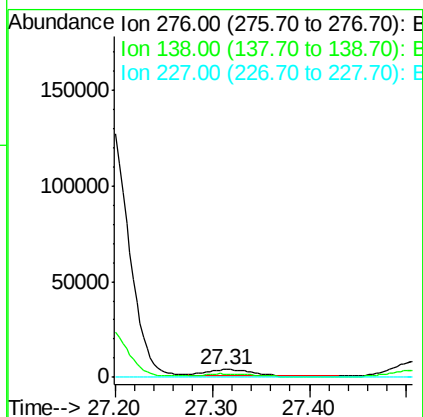
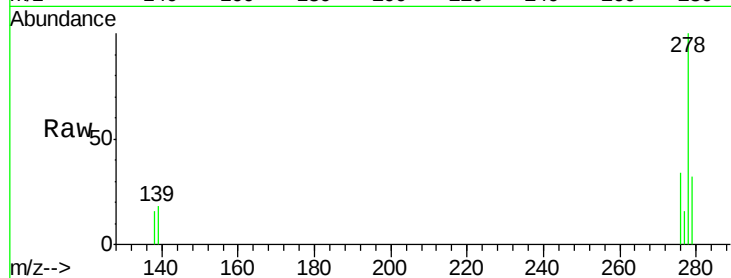


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.917 ng/ul
RT: 27.31 min Scan# 4758
Delta R.T. 0.15 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Instrument :
BNA_E
ClientSampleId :

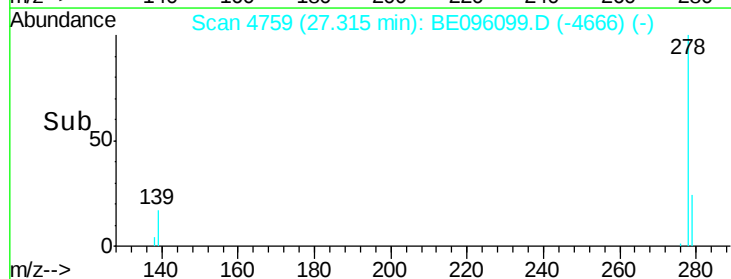
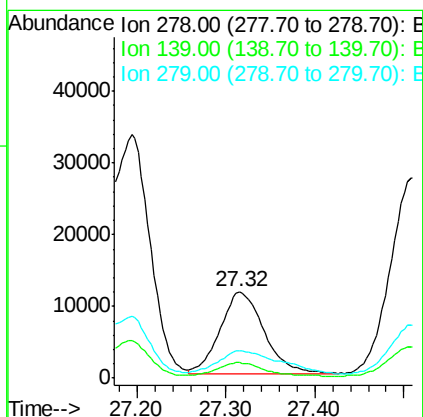
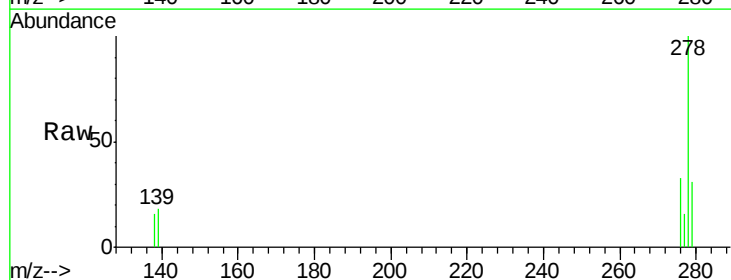
Tgt Ion:276 Resp: 12270
Ion Ratio Lower Upper
276 100
138 47.0 28.0 42.0#
227 0.0 8.0 12.0#

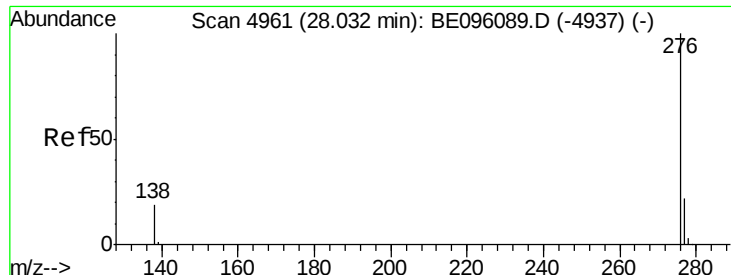


#25

Dibenzo(a,h)anthracene
Concen: 3.609 ng/ul
RT: 27.32 min Scan# 4759
Delta R.T. 0.13 min
Lab File: BE096099.D
Acq: 23 Apr 2018 23:38

Tgt Ion:278 Resp: 38880
Ion Ratio Lower Upper
278 100
139 17.5 17.4 26.0
279 31.5 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 0.826 ng/ul

RT: 28.35 min Scan# 5049

Delta R.T. 0.32 min

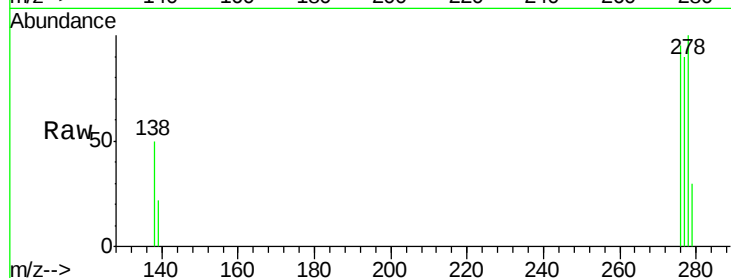
Lab File: BE096099.D

Acq: 23 Apr 2018 23:38

Instrument :

BNA_E

ClientSampleId :



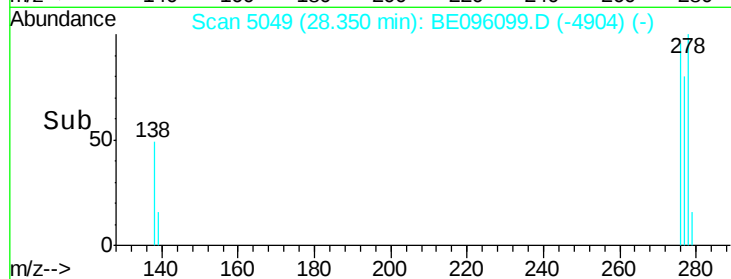
Tgt Ion: 276 Resp: 9225

Ion Ratio Lower Upper

276 100

138 52.8 21.8 32.8#

277 94.9 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

