

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096164.D
 Acq On : 26 Apr 2018 00:54
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 05:09:24 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

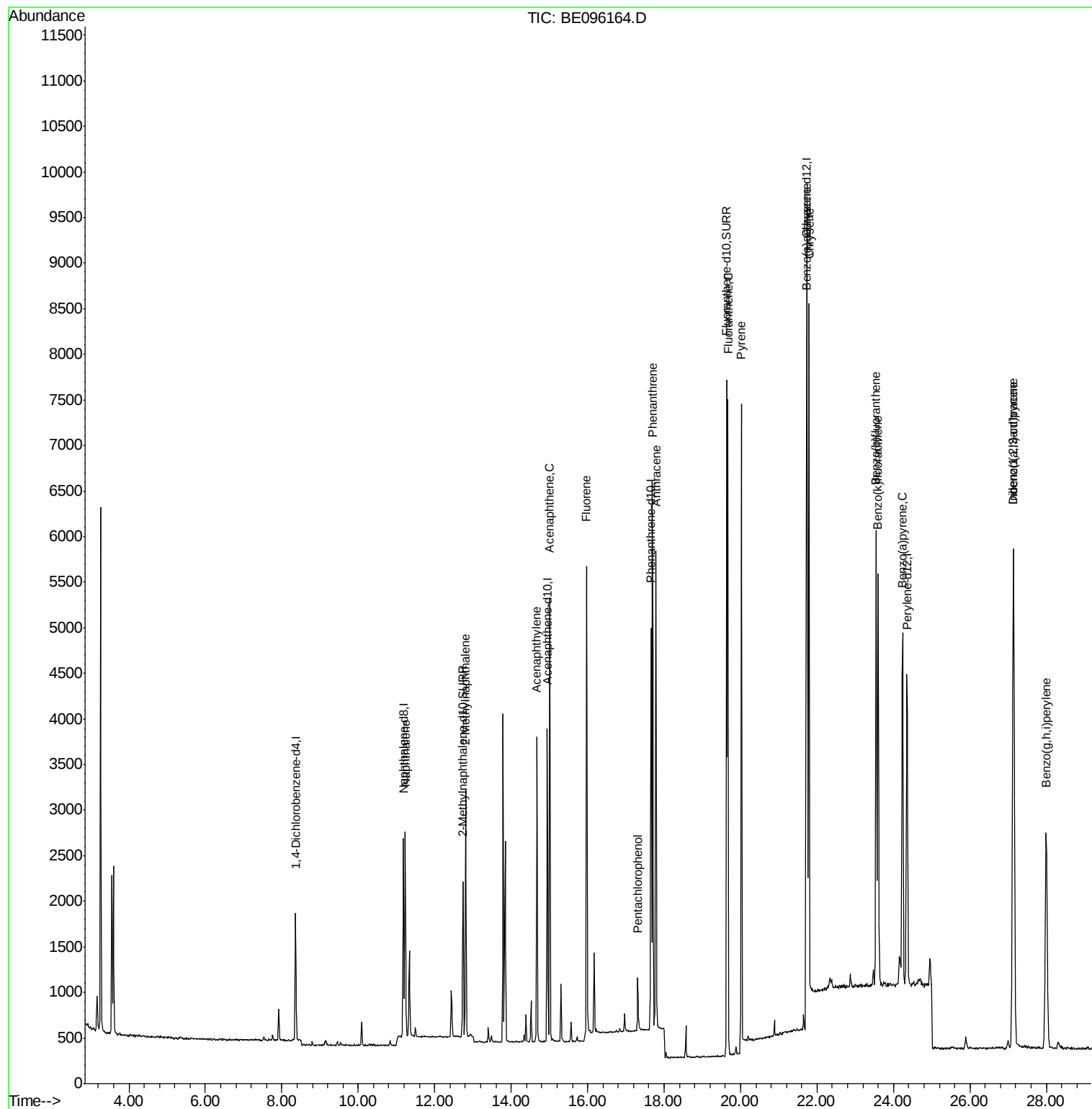
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	734	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2859	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1856	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5031	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	6508	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5079	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2194	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7861	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3180	0.399	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	2259	0.424	ng/ul	99
7) Acenaphthylene	14.67	152	3796	0.397	ng/ul	98
8) Acenaphthene	15.01	153	2832	0.411	ng/ul	96
9) Fluorene	15.97	166	4047	0.443	ng/ul#	89
11) Pentachlorophenol	17.32	266	332	0.274	ng/ul	95
12) Phenanthrene	17.70	178	6279	0.424	ng/ul#	89
13) Anthracene	17.79	178	5923	0.399	ng/ul#	91
15) Fluoranthene	19.67	202	7865	0.347	ng/ul	85
17) Pyrene	20.02	202	4368	0.335	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	5841	0.296	ng/ul#	86
19) Chrysene	21.79	228	6820	0.377	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	6957	0.362	ng/ul	86
22) Benzo(k)fluoranthene	23.59	252	6441	0.350	ng/ul#	90
23) Benzo(a)pyrene	24.23	252	6391	0.383	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.13	276	7370	0.327	ng/ul#	79
25) Dibenzo(a,h)anthracene	27.14	278	6053	0.321	ng/ul	92
26) Benzo(g,h,i)perylene	27.99	276	6098	0.311	ng/ul	96

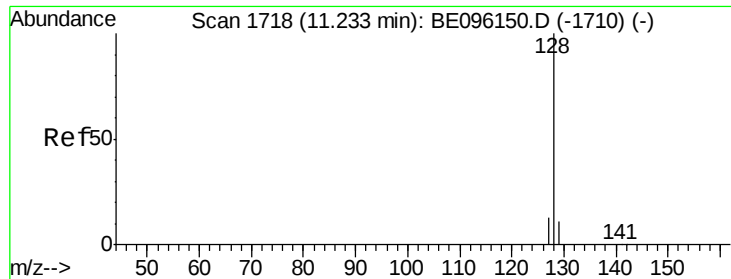
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 11.23 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

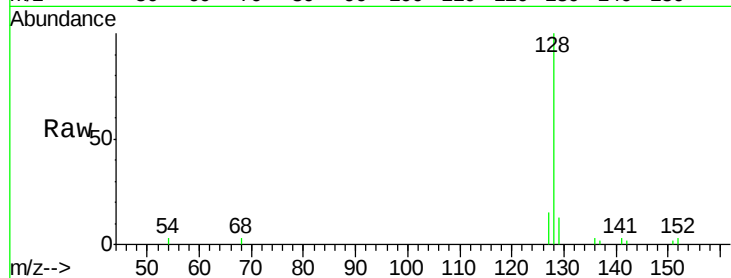
Tot Ion:128 Resp: 3180

Ion Ratio Lower Upper

128 100

129 12.7 11.3 16.9

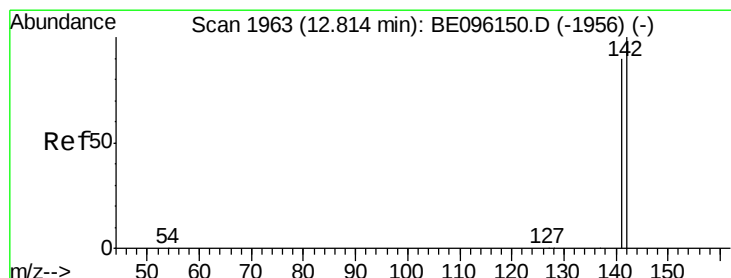
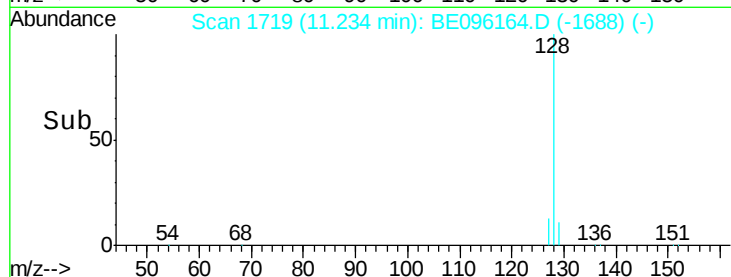
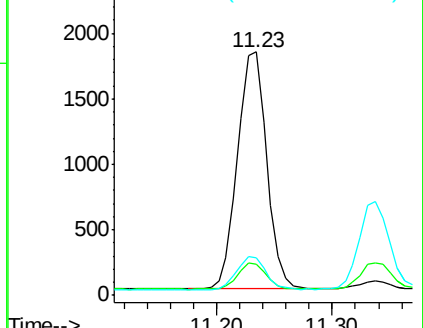
127 15.2 4.0 6.0#



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: 0.424 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096164.D

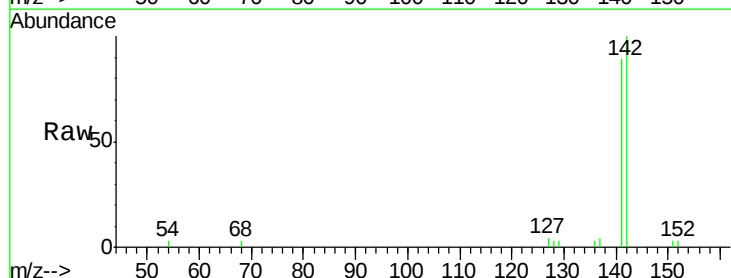
Acq: 26 Apr 2018 00:54

Tgt Ion:142 Resp: 2259

Ion Ratio Lower Upper

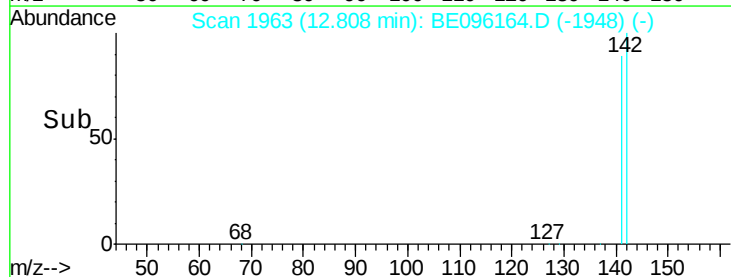
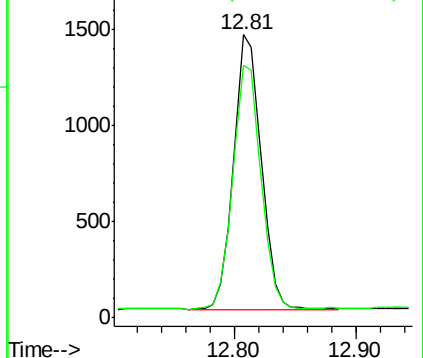
142 100

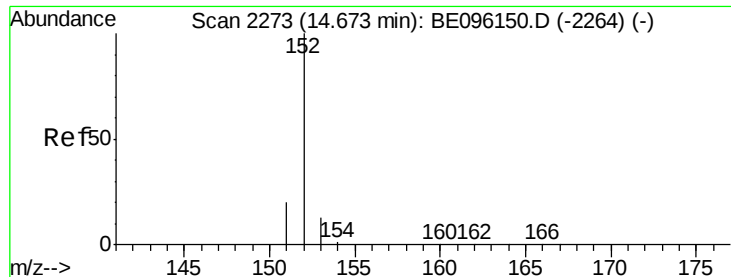
141 91.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.397 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

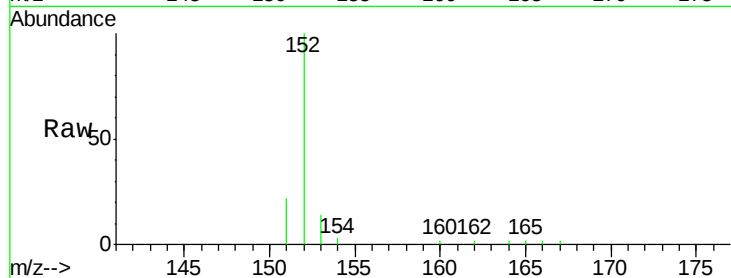
Tot Ion:152 Resp: 3796

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

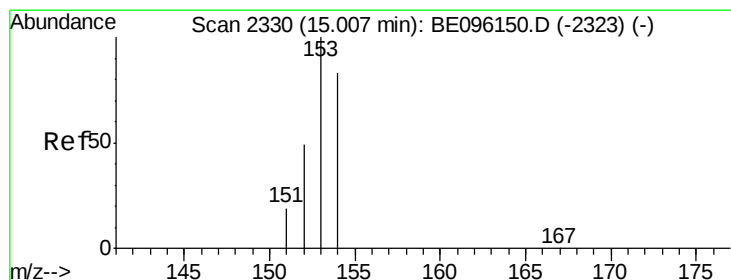
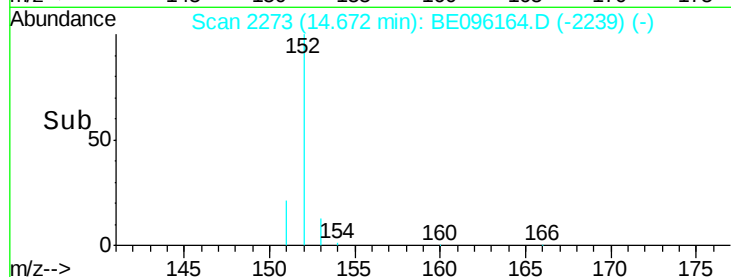
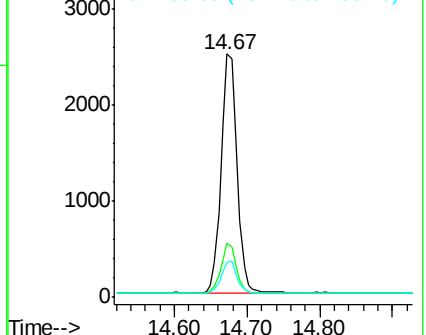
153 14.4 12.8 19.2



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: 0.411 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

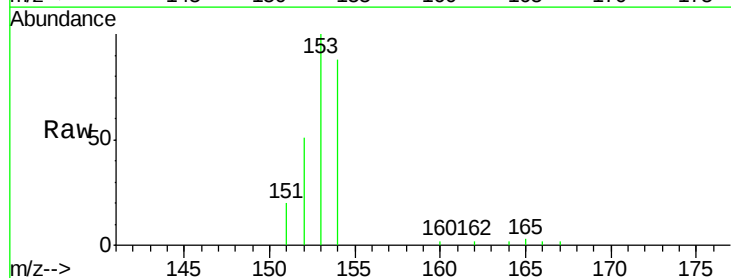
Tgt Ion:153 Resp: 2832

Ion Ratio Lower Upper

153 100

152 50.6 36.0 54.0

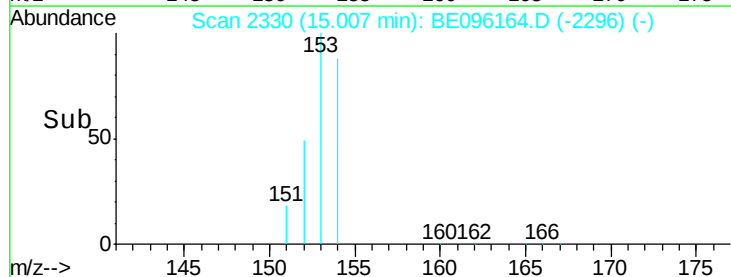
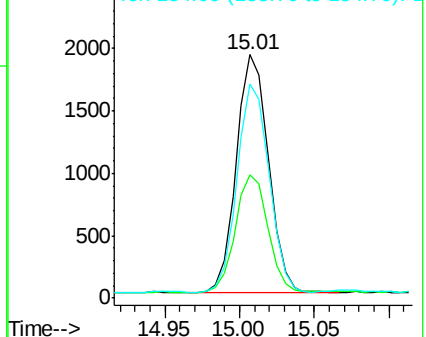
154 88.1 72.0 108.0

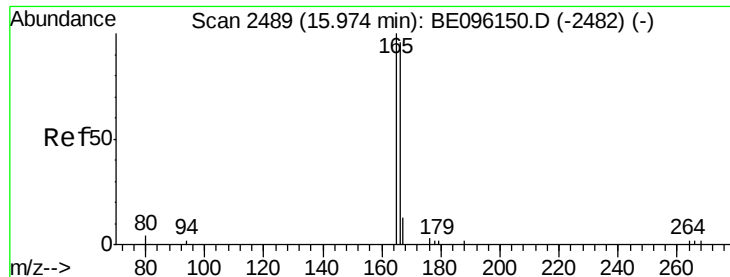


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.443 ng/ul

RT: 15.97 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

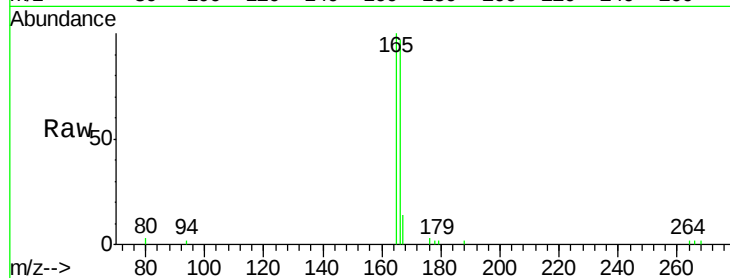
Tot Ion:166 Resp: 4047

Ion Ratio Lower Upper

166 100

165 103.3 73.4 110.2

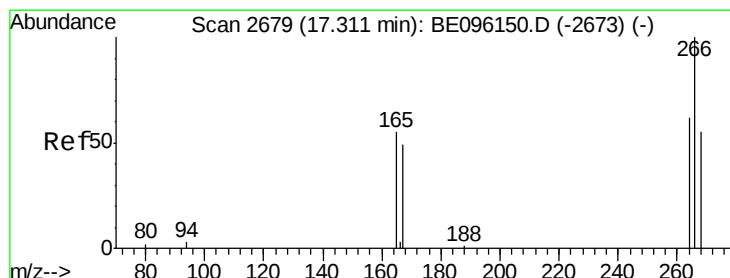
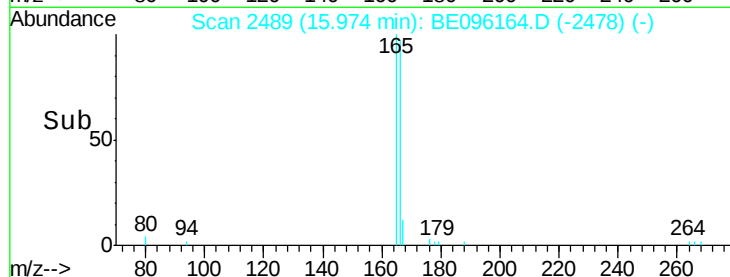
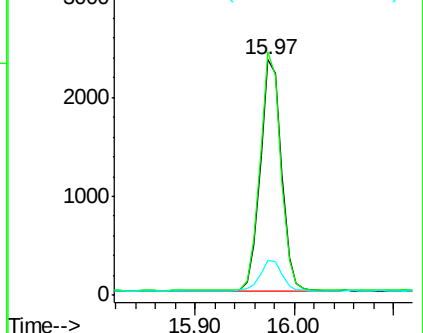
167 14.6 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.274 ng/ul

RT: 17.32 min Scan# 2680

Delta R.T. 0.01 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

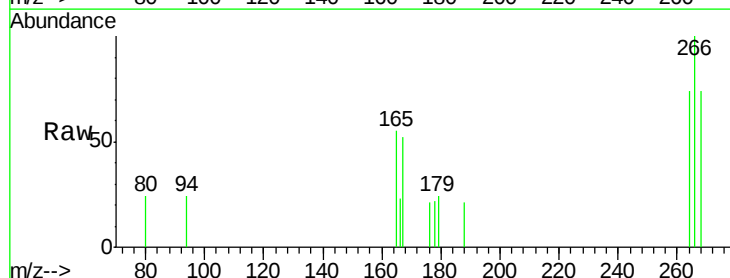
Tgt Ion:266 Resp: 332

Ion Ratio Lower Upper

266 100

264 64.8 47.9 71.9

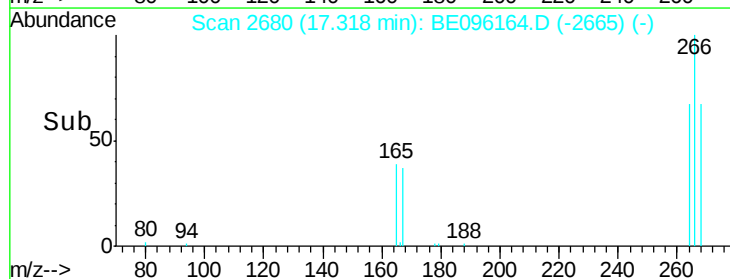
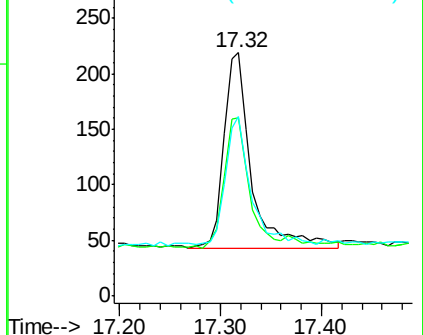
268 59.9 49.8 74.8

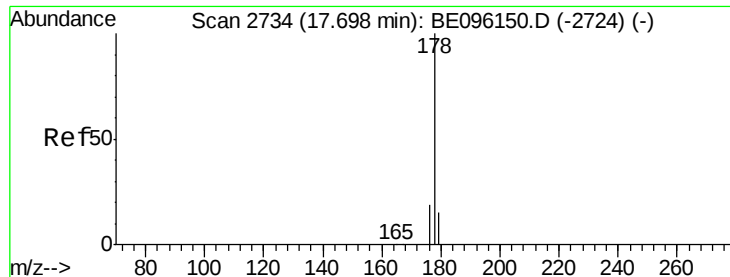


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.424 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

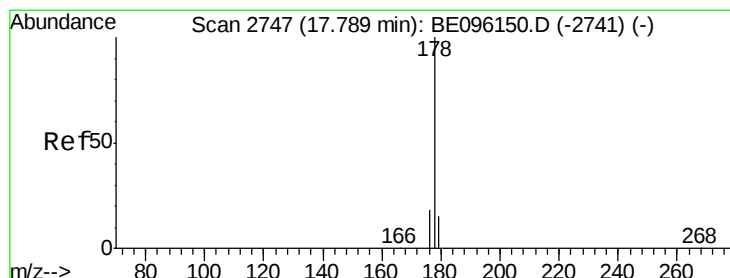
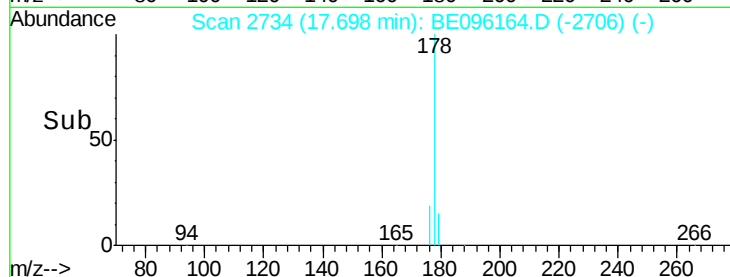
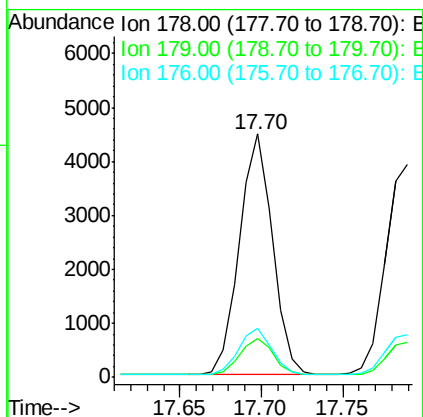
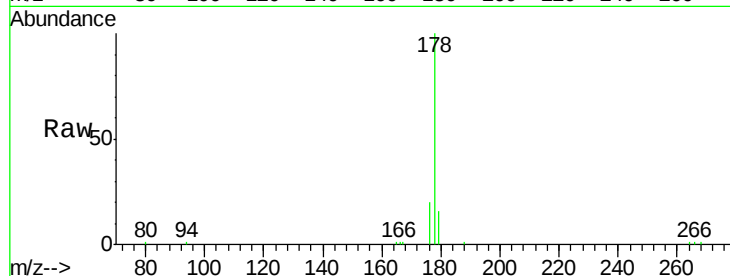
Tot Ion:178 Resp: 6279

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

176 20.2 13.6 20.4



#13

Anthracene

Concen: 0.399 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

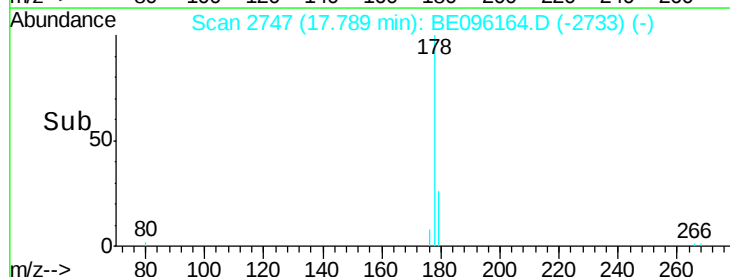
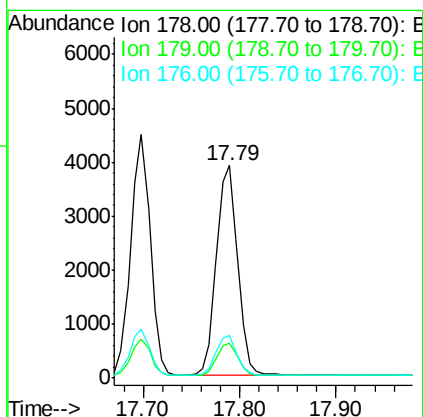
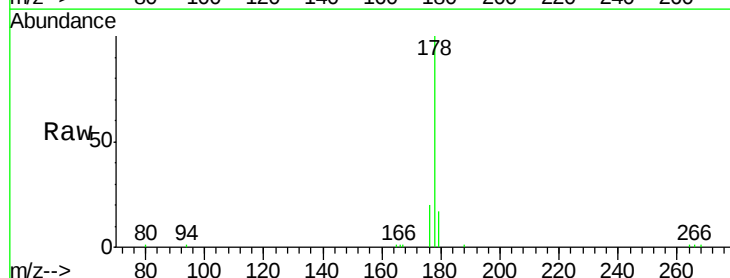
Tgt Ion:178 Resp: 5923

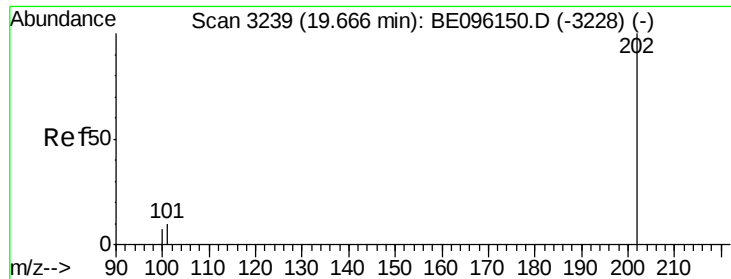
Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

176 20.3 14.7 22.1





#15

Fluoranthene

Concen: 0.347 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

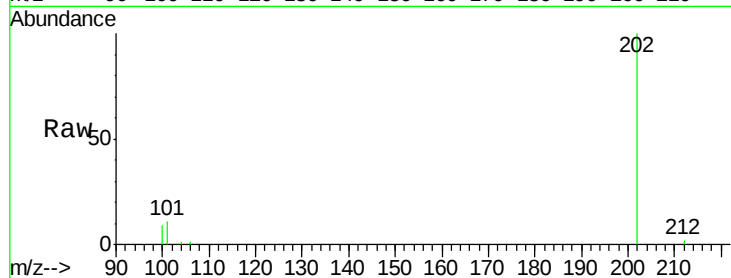
Tot Ion:202 Resp: 7865

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.3

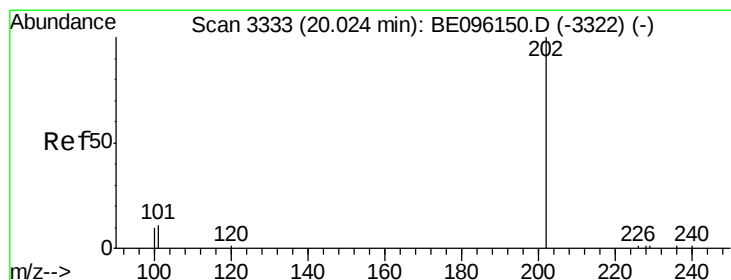
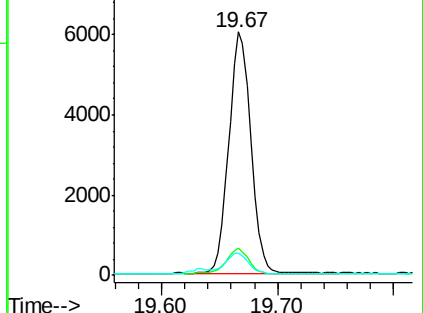
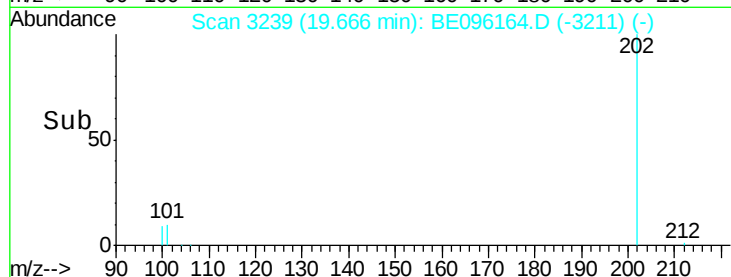
100 9.2 0.0 39.5



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

Pyrene

Concen: 0.335 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

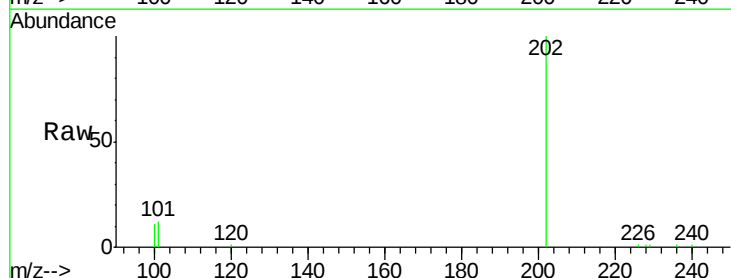
Tgt Ion:202 Resp: 4368

Ion Ratio Lower Upper

202 100

101 11.7 18.2 27.4#

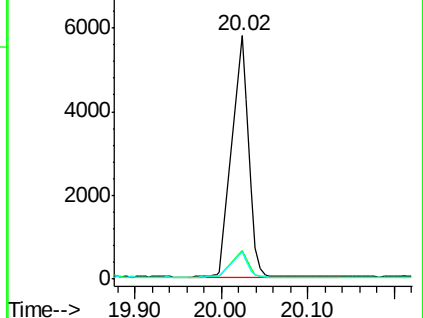
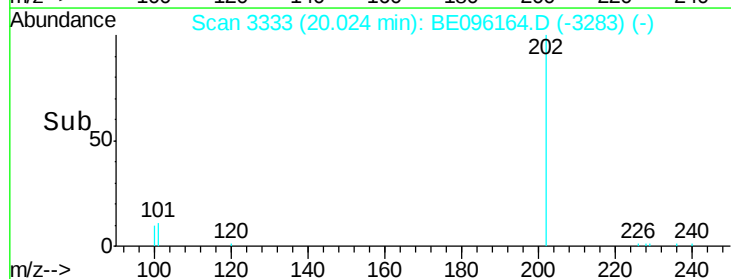
100 11.1 15.6 23.4#

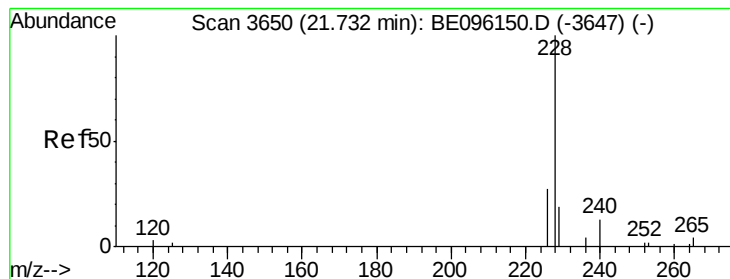


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.296 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

Instrument :

BNA_E

ClientSampleId :

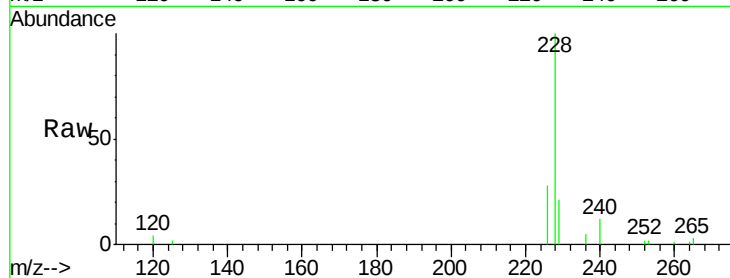
Tot Ion:228 Resp: 5841

Ion Ratio Lower Upper

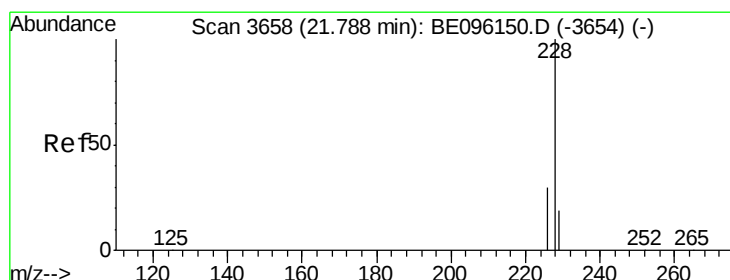
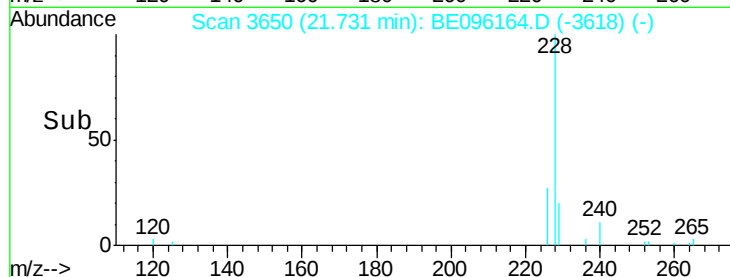
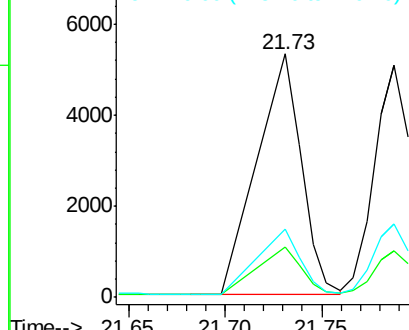
228 100

229 20.8 22.8 34.2#

226 27.8 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: 0.377 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096164.D

Acq: 26 Apr 2018 00:54

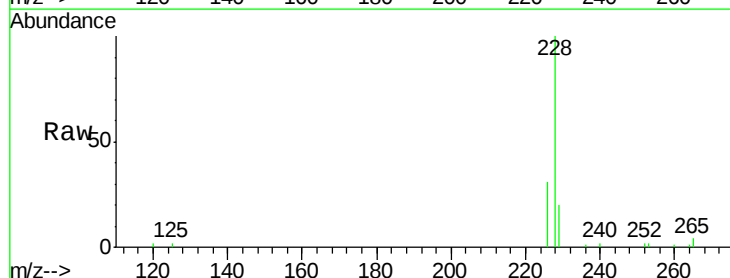
Tgt Ion:228 Resp: 6820

Ion Ratio Lower Upper

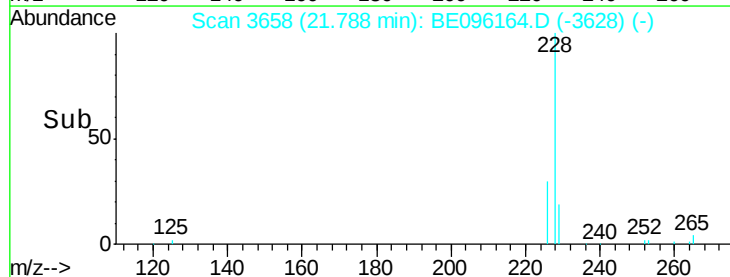
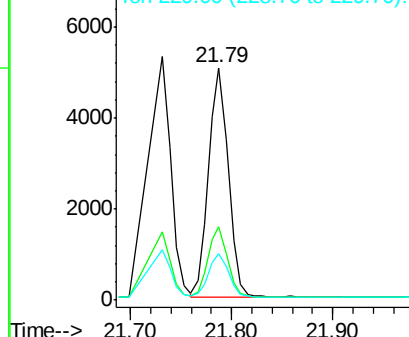
228 100

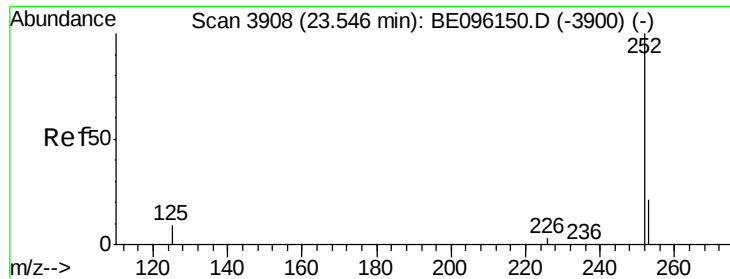
226 31.4 23.4 35.0

229 20.0 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

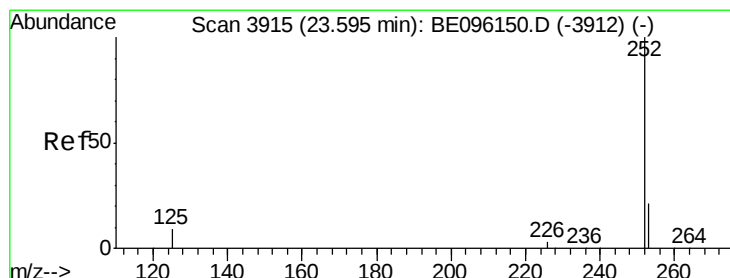
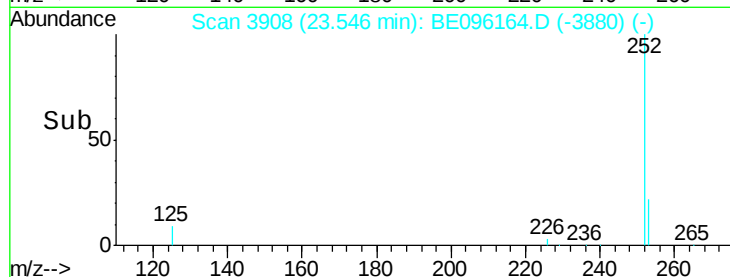
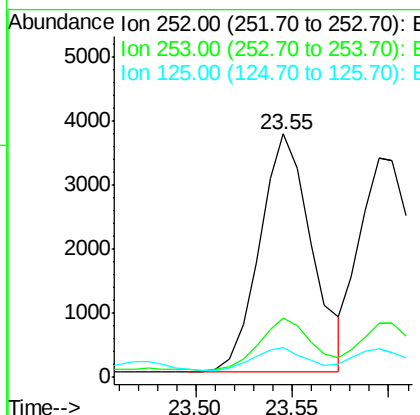
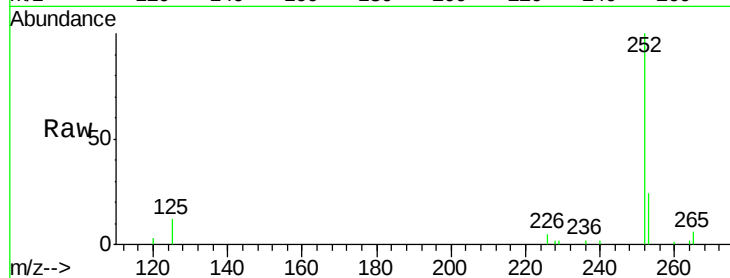




#21
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.55 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

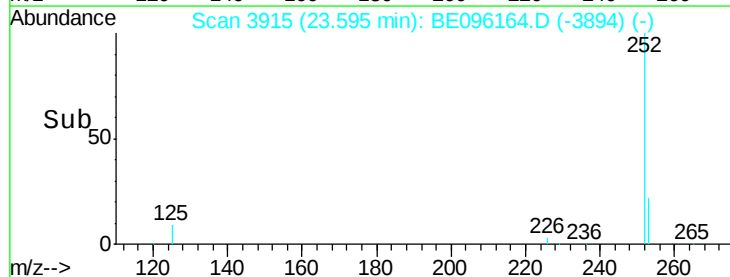
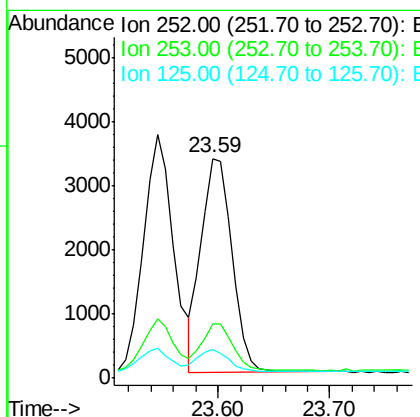
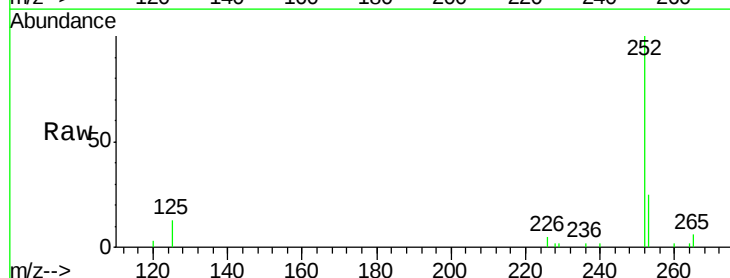
Instrument :
BNA_E
ClientSampleId :

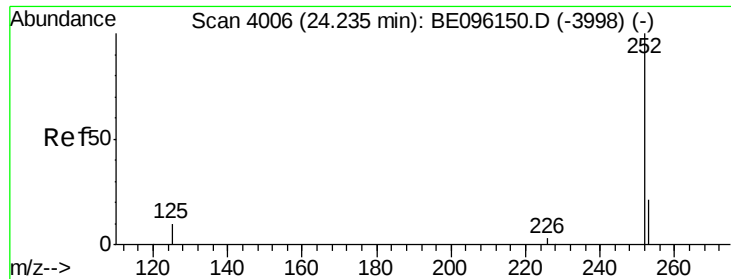
Tot Ion:252 Resp: 6957
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 12.1 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.59 min Scan# 3915
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

Tgt Ion:252 Resp: 6441
Ion Ratio Lower Upper
252 100
253 24.9 24.5 36.7
125 13.0 13.7 20.5#

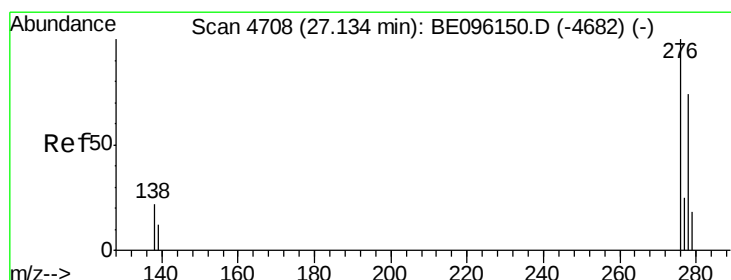
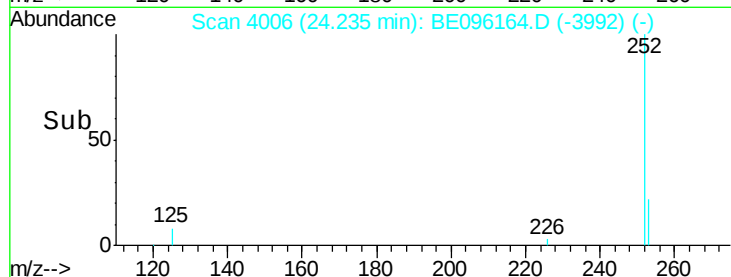
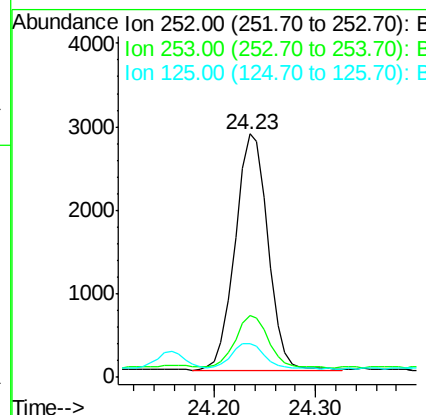
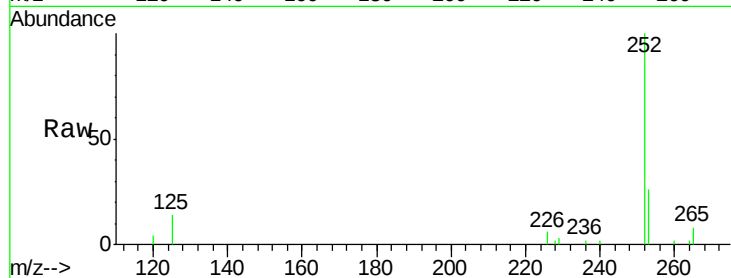




#23
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

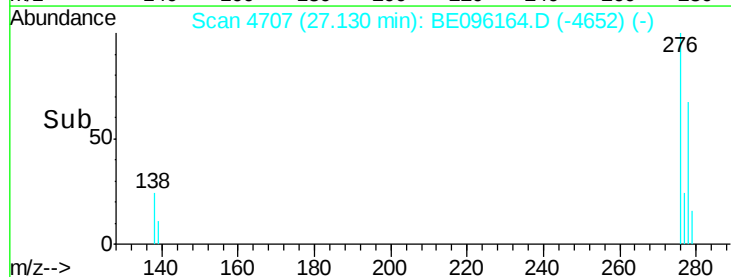
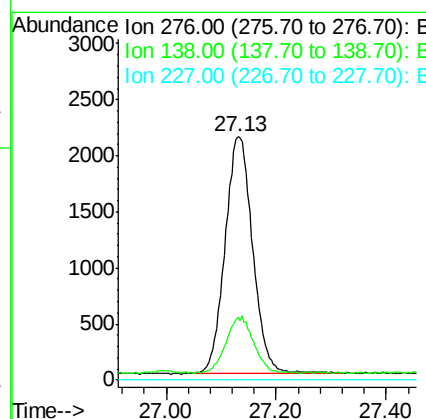
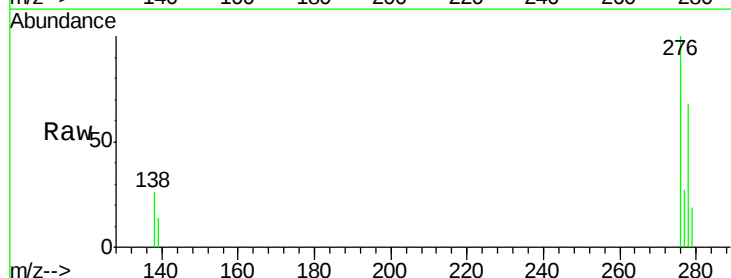
Instrument :
BNA_E
ClientSampleId :

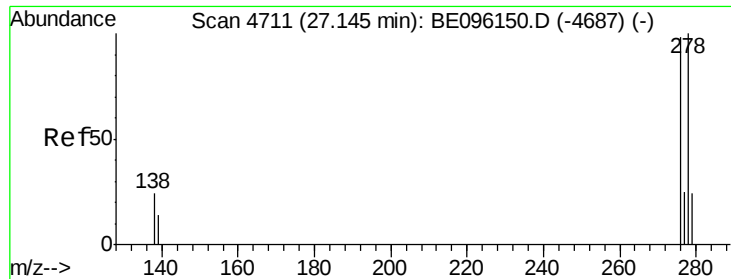
Tot Ion:252 Resp: 6391
Ion Ratio Lower Upper
252 100
253 25.5 28.5 42.7#
125 13.9 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

Tgt Ion:276 Resp: 7370
Ion Ratio Lower Upper
276 100
138 23.4 28.0 42.0#
227 0.0 8.0 12.0#



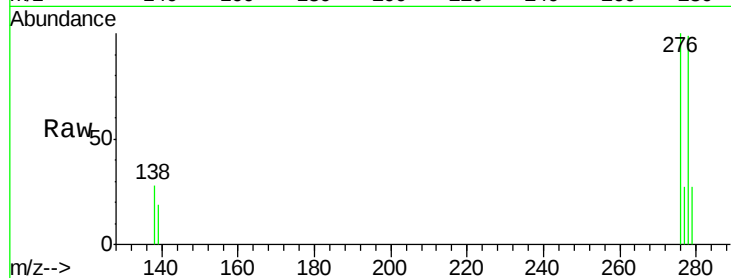


#25
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 27.14 min Scan# 4711
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

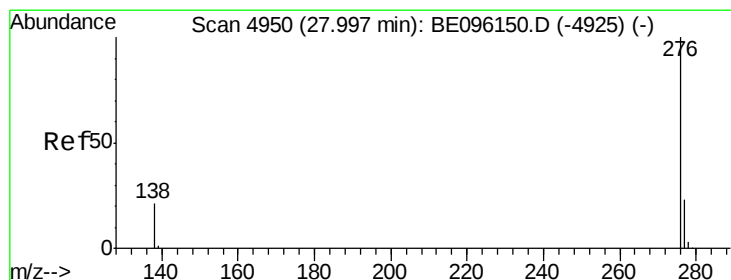
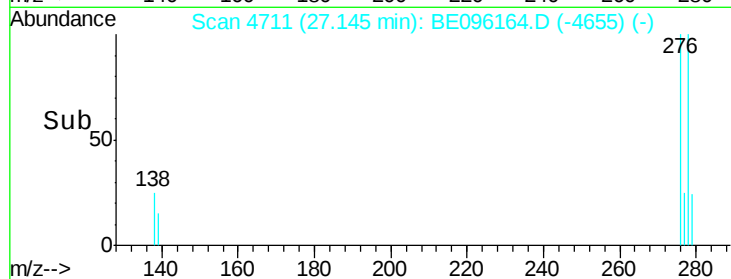
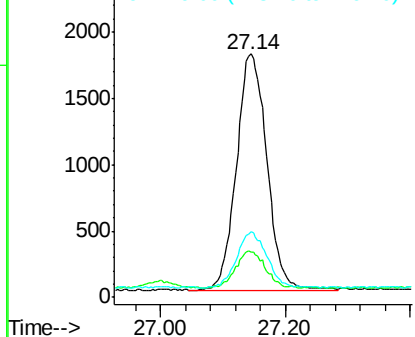
Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6053

Ion	Ratio	Lower	Upper
278	100		
139	18.8	17.4	26.0
279	27.1	25.9	38.9



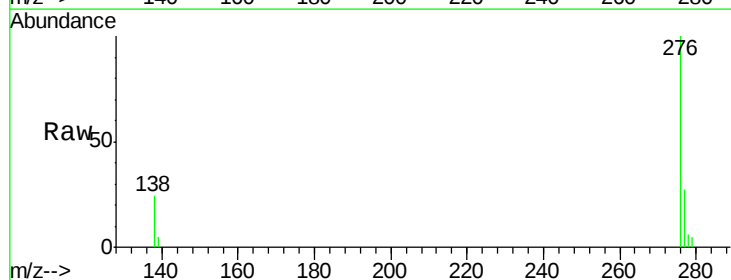
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 27.99 min Scan# 4949
Delta R.T. -0.00 min
Lab File: BE096164.D
Acq: 26 Apr 2018 00:54

Tgt Ion:276 Resp: 6098

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.8	32.8
277	26.8	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

