

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096182.D
 Acq On : 26 Apr 2018 16:54
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

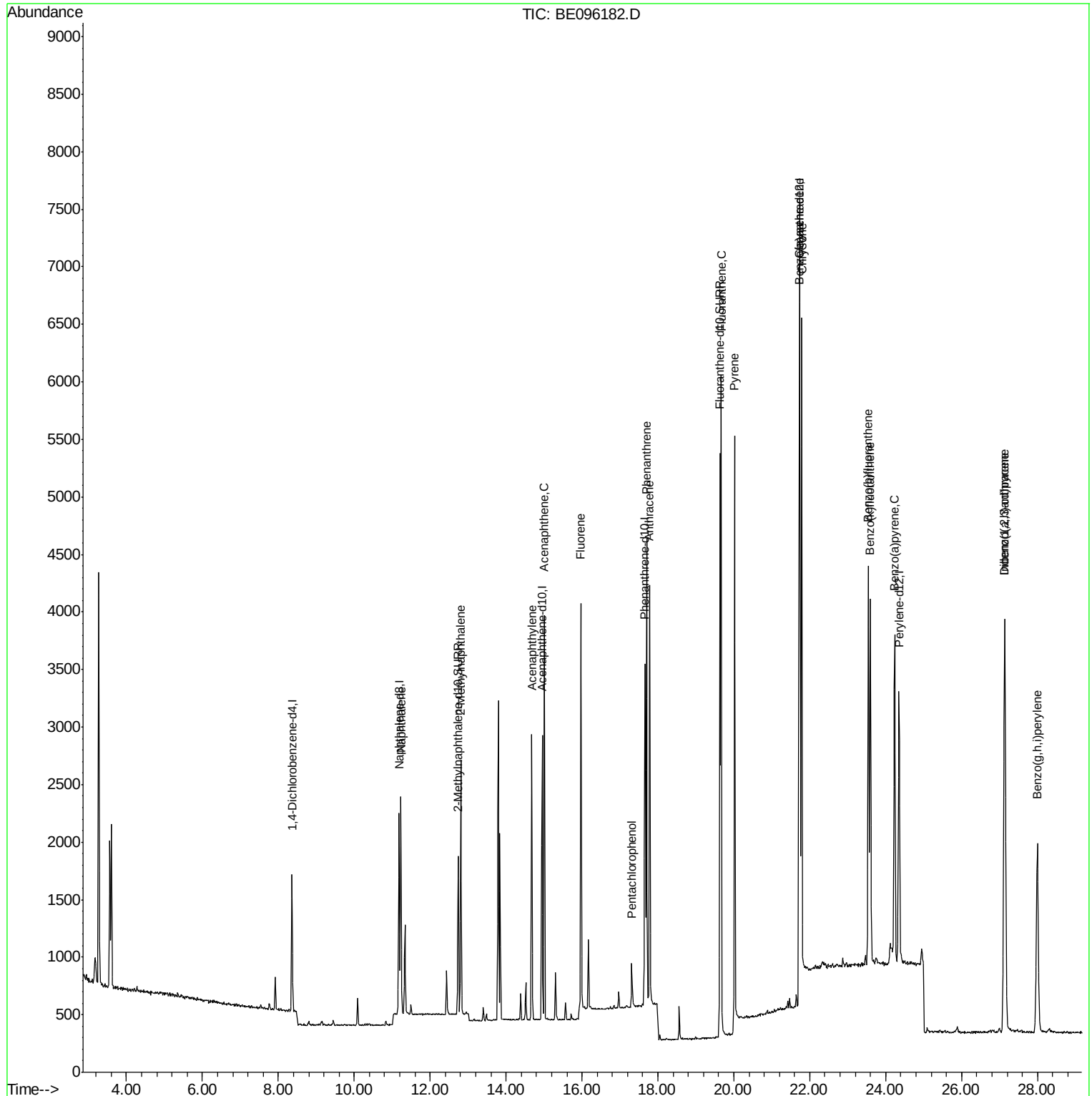
Quant Time: Apr 27 02:33:30 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 02:29:47 2018
 Response via : Initial Calibration

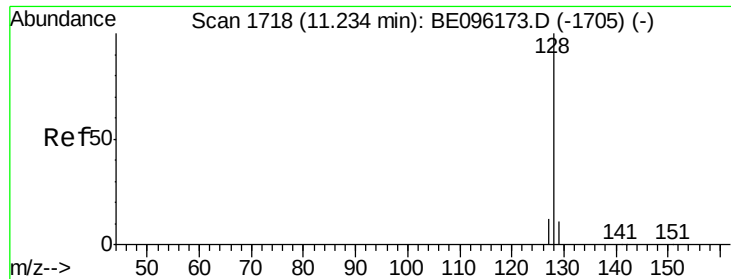
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	631	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2322	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1352	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3439	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	4437	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1761	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5419	0.34	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	2626	0.406	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	1783	0.412	ng/ul	99
7) Acenaphthylene	14.67	152	2764	0.397	ng/ul	97
8) Acenaphthene	15.01	153	2035	0.405	ng/ul	92
9) Fluorene	15.97	166	2662	0.400	ng/ul	93
11) Pentachlorophenol	17.31	266	206	0.249	ng/ul	92
12) Phenanthrene	17.70	178	4616	0.456	ng/ul#	89
13) Anthracene	17.78	178	4062	0.400	ng/ul#	91
15) Fluoranthene	19.67	202	6438	0.416	ng/ul	84
17) Pyrene	20.02	202	3078	0.346	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	4805	0.358	ng/ul#	86
19) Chrysene	21.79	228	5306	0.430	ng/ul	97
21) Benzo(b)fluoranthene	23.54	252	5140	0.392	ng/ul	86
22) Benzo(k)fluoranthene	23.59	252	4573	0.365	ng/ul#	91
23) Benzo(a)pyrene	24.23	252	4415	0.387	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.13	276	4956	0.323	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.14	278	4009	0.312	ng/ul	93
26) Benzo(g,h,i)perylene	28.00	276	4128	0.309	ng/ul	95

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

```
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Acq On    : 26 Apr 2018  16:54  
Operator  : SJ/JU  
Sample    : SSTDCCC0.4  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Quant Time: Apr 27 02:33:30 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 02:29:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.406 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

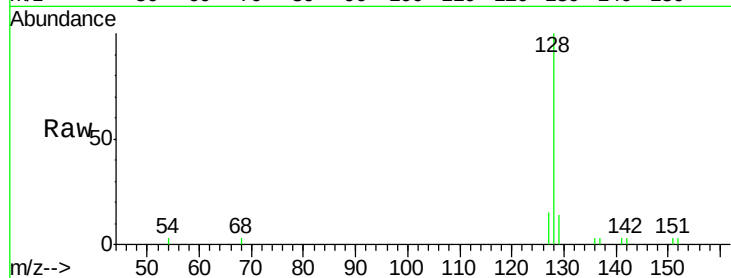
Tot Ion:128 Resp: 2626

Ion Ratio Lower Upper

128 100

129 13.9 11.3 16.9

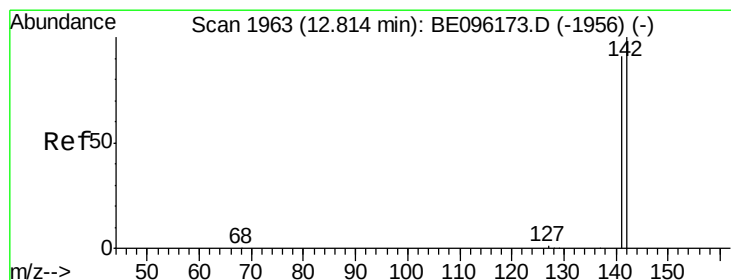
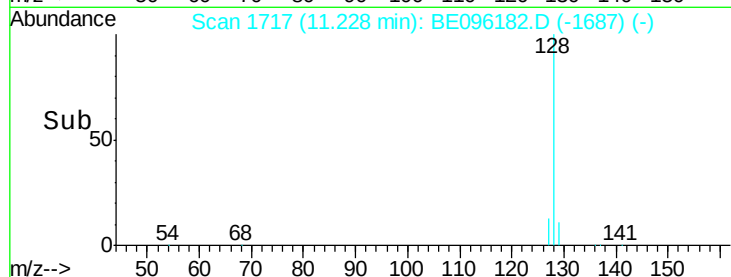
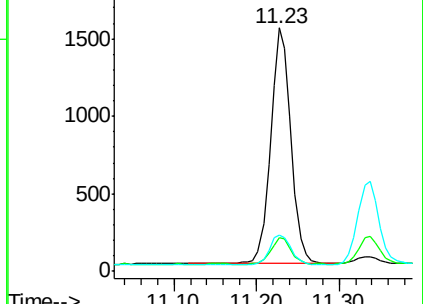
127 15.0 4.0 6.0#



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: 0.412 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BE096182.D

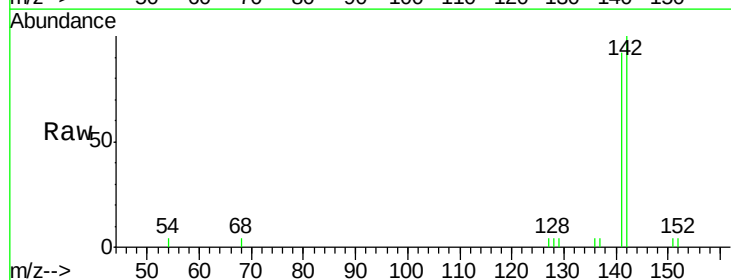
Acq: 26 Apr 2018 16:54

Tgt Ion:142 Resp: 1783

Ion Ratio Lower Upper

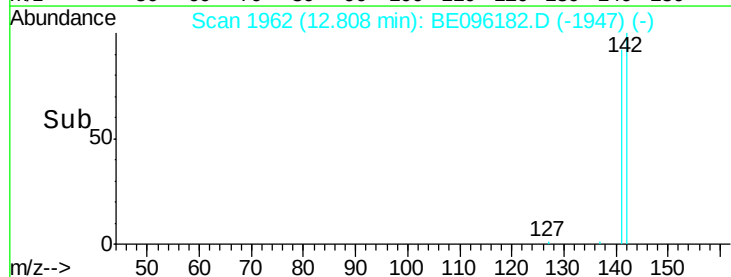
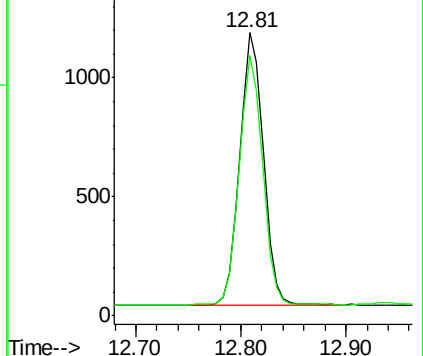
142 100

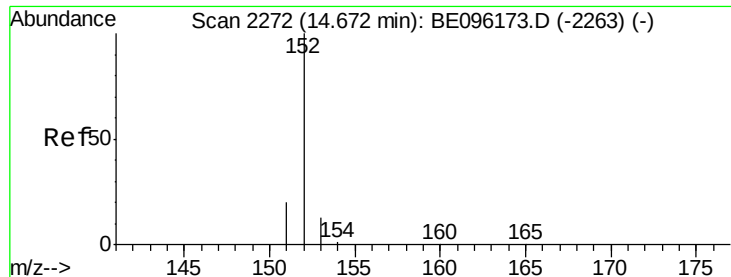
141 91.5 72.6 108.8



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: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

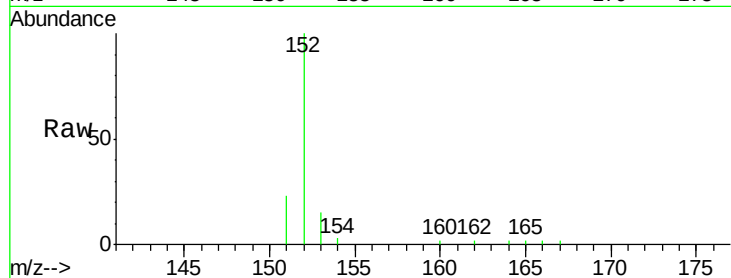
Tot Ion:152 Resp: 2764

Ion Ratio Lower Upper

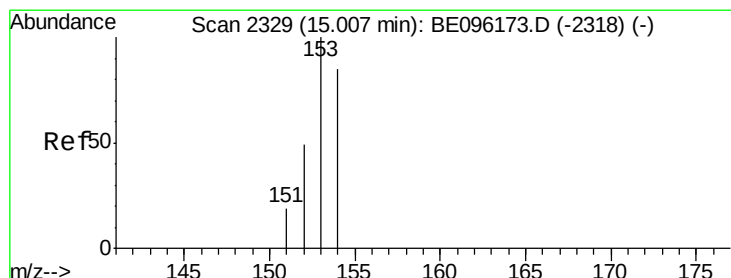
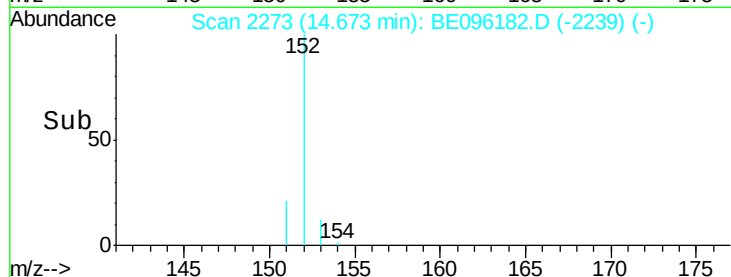
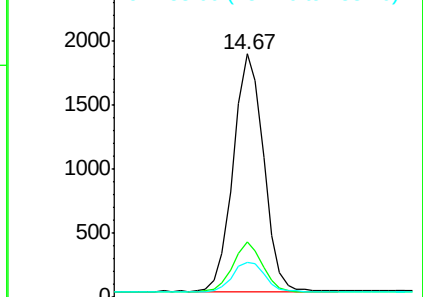
152 100

151 22.9 17.1 25.7

153 14.5 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: 0.405 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

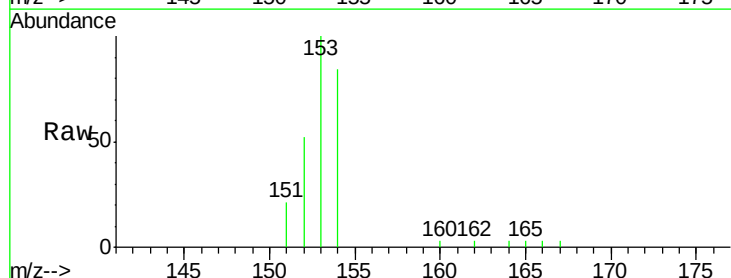
Tgt Ion:153 Resp: 2035

Ion Ratio Lower Upper

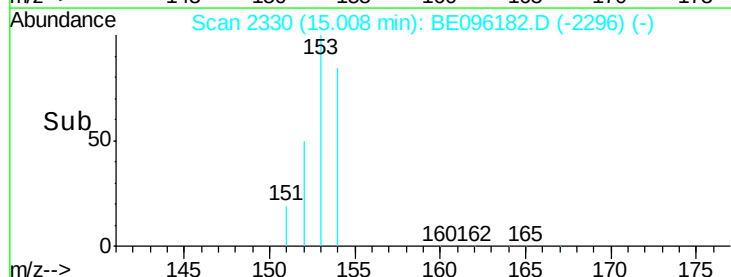
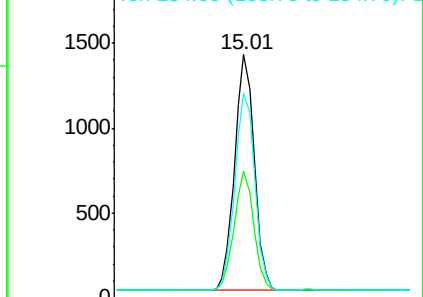
153 100

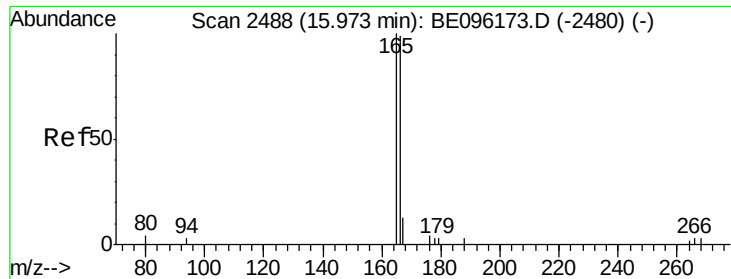
152 52.2 36.0 54.0

154 84.2 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

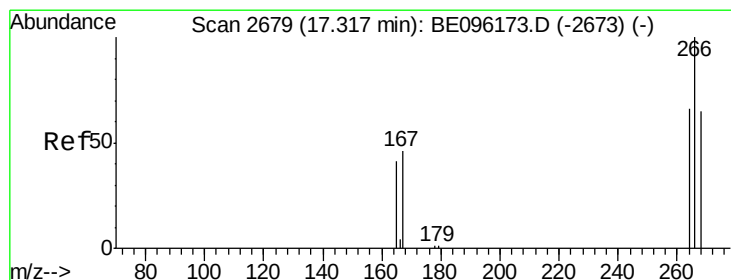
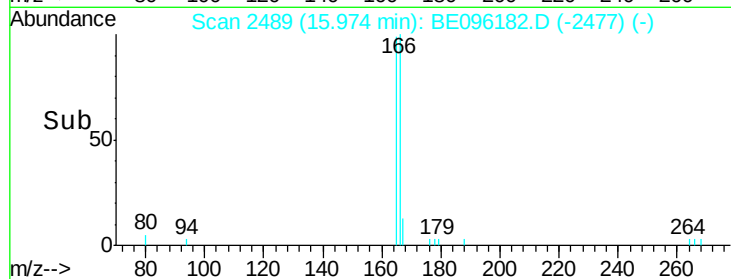
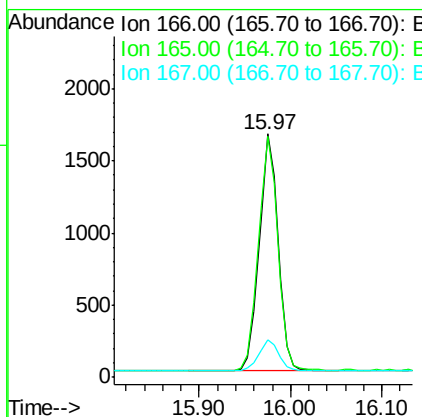
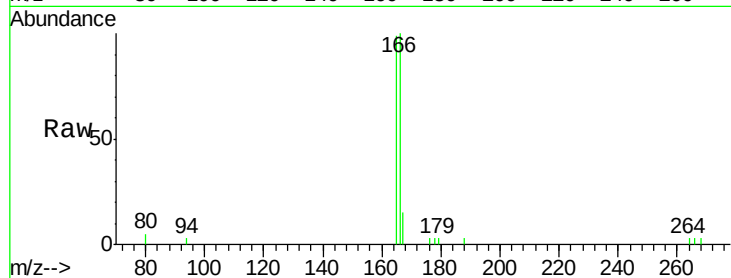




#9
Fluorene
 Concen: 0.400 ng/ul
 RT: 15.97 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BE096182.D
 Acq: 26 Apr 2018 16:54

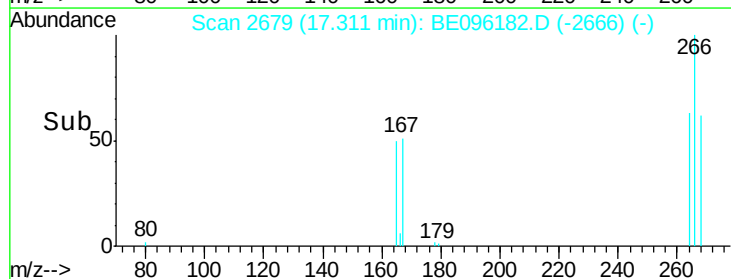
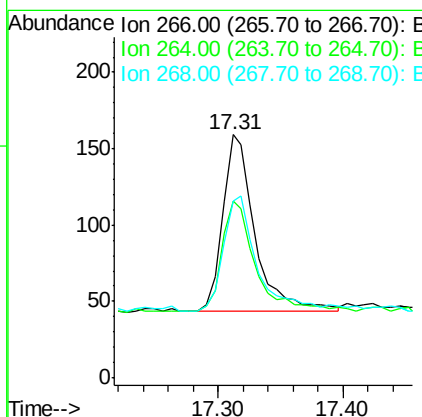
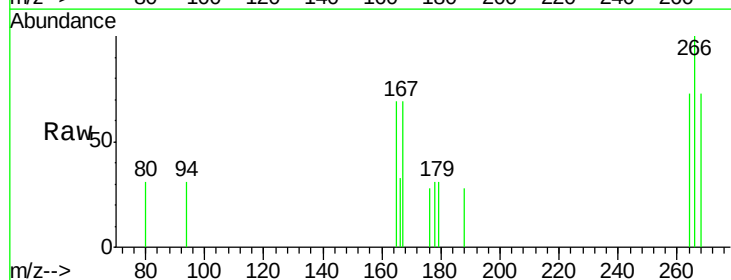
Instrument :
 BNA_E
 ClientSampleId :

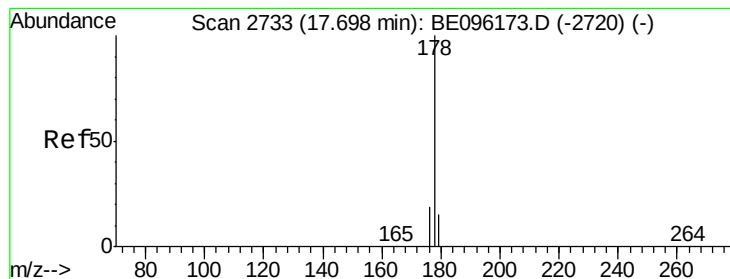
Tot Ion:166 Resp: 2662
 Ion Ratio Lower Upper
 166 100
 165 99.1 73.4 110.2
 167 15.3 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.249 ng/ul
 RT: 17.31 min Scan# 2679
 Delta R.T. -0.01 min
 Lab File: BE096182.D
 Acq: 26 Apr 2018 16:54

Tgt Ion:266 Resp: 206
 Ion Ratio Lower Upper
 266 100
 264 64.1 47.9 71.9
 268 70.4 49.8 74.8





#12

Phenanthrene

Concen: 0.456 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

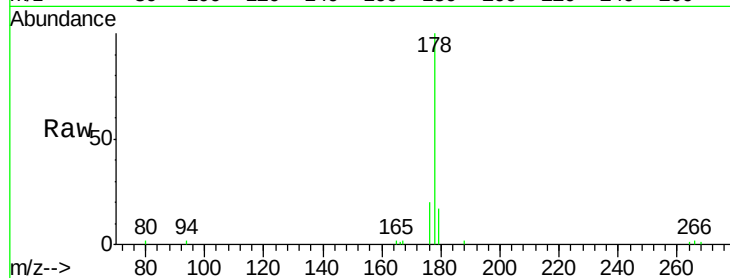
Tot Ion:178 Resp: 4616

Ion Ratio Lower Upper

178 100

179 16.6 18.4 27.6#

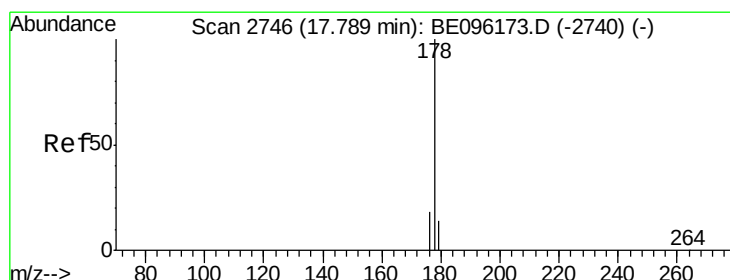
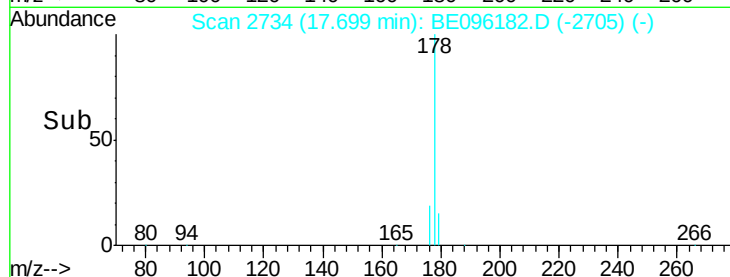
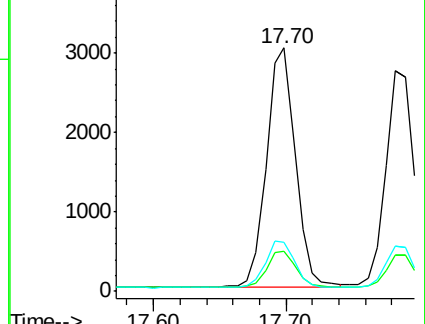
176 20.4 13.6 20.4#



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



#13

Anthracene

Concen: 0.400 ng/ul

RT: 17.78 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

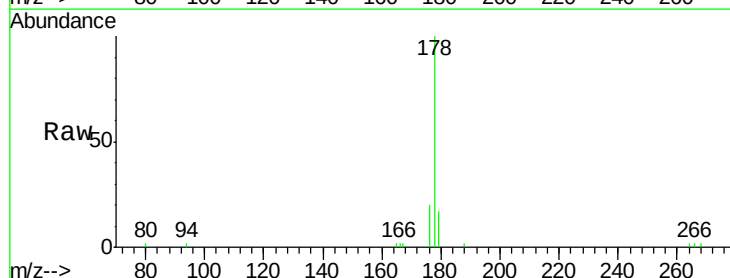
Tgt Ion:178 Resp: 4062

Ion Ratio Lower Upper

178 100

179 16.6 18.1 27.1#

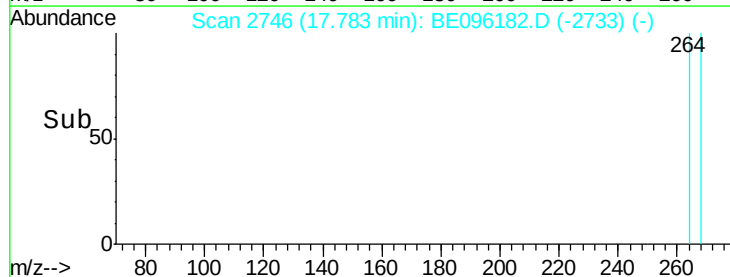
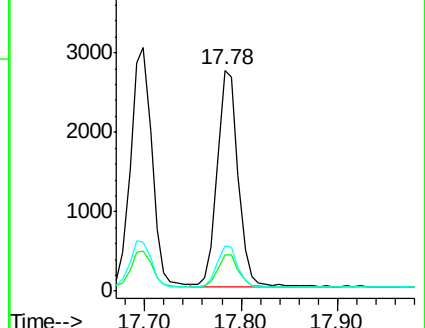
176 20.4 14.7 22.1

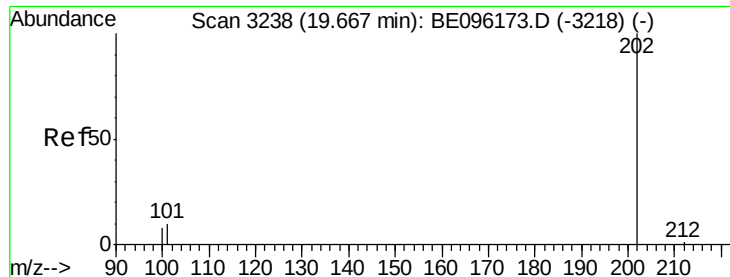


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.416 ng/ul

RT: 19.67 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

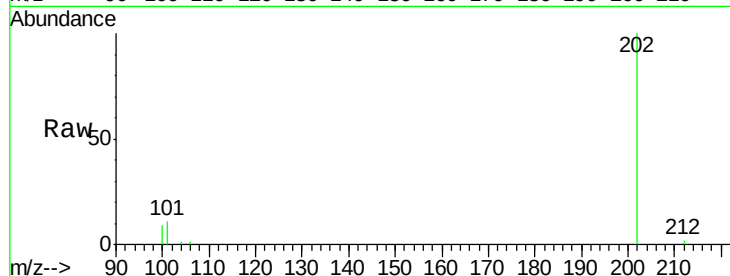
Tot Ion:202 Resp: 6438

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

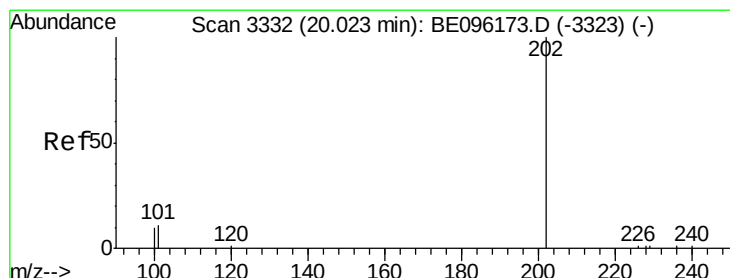
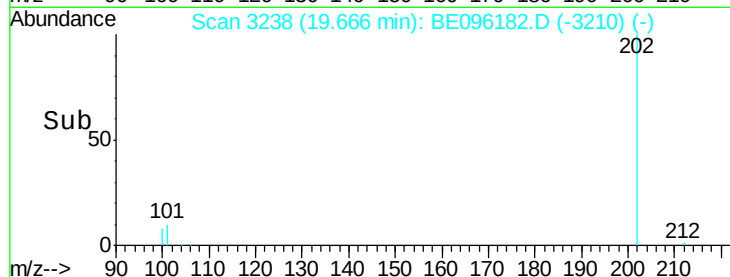
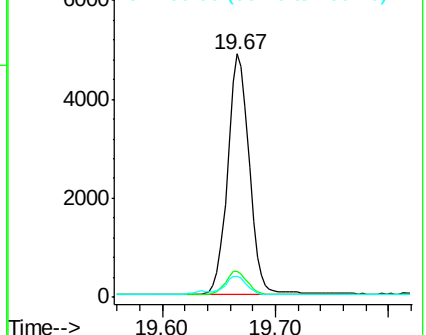
100 8.7 0.0 39.5



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: 0.346 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

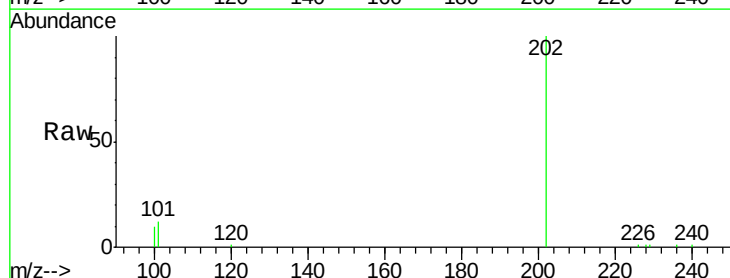
Tgt Ion:202 Resp: 3078

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

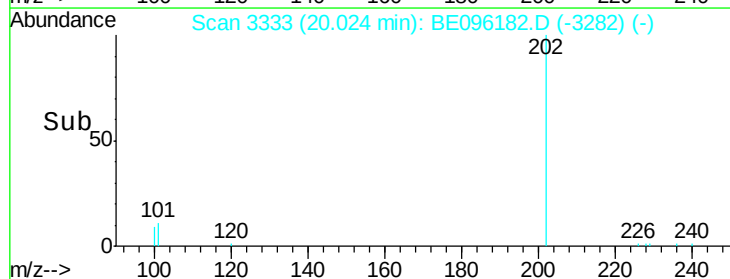
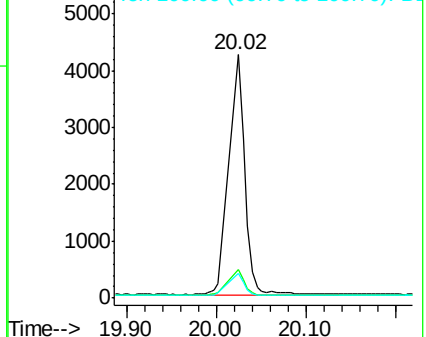
100 10.2 15.6 23.4#

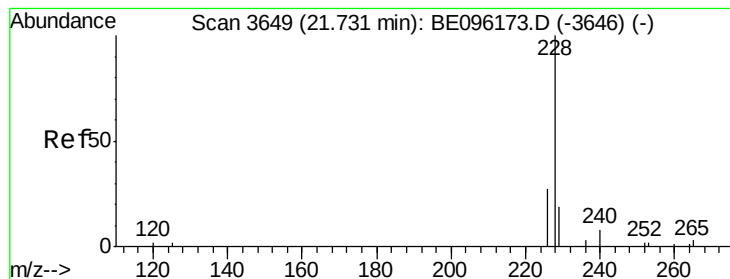


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.358 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

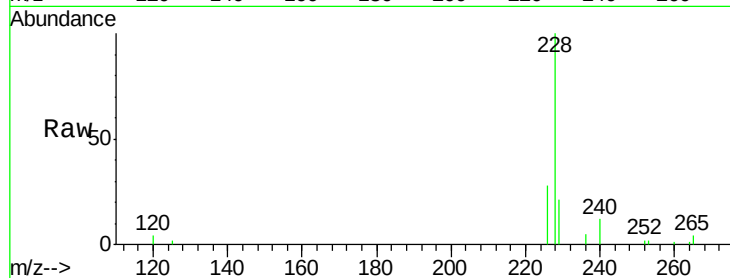
Tot Ion:228 Resp: 4805

Ion Ratio Lower Upper

228 100

229 21.0 22.8 34.2#

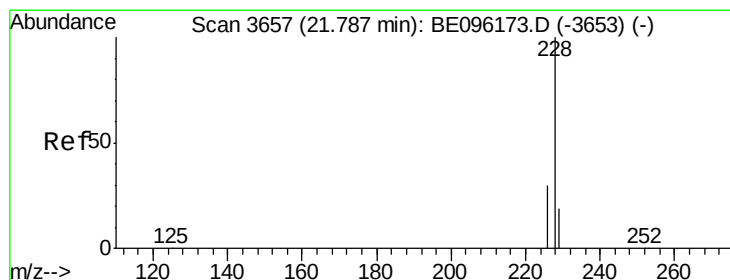
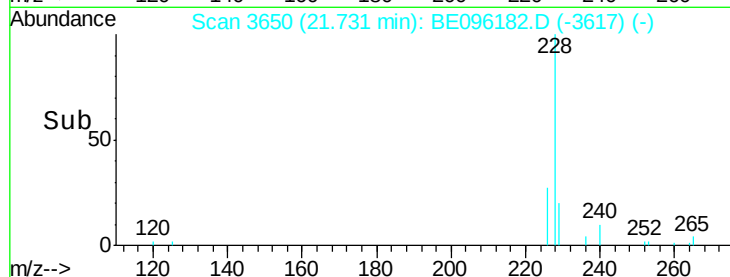
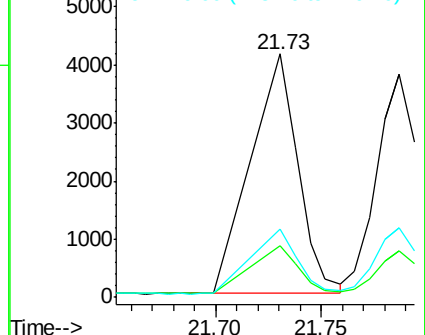
226 27.8 17.0 25.6#



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: 0.430 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

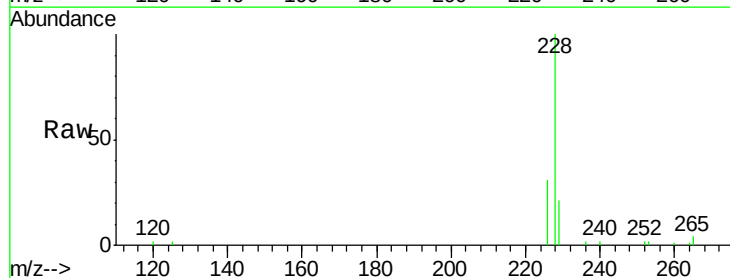
Tgt Ion:228 Resp: 5306

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

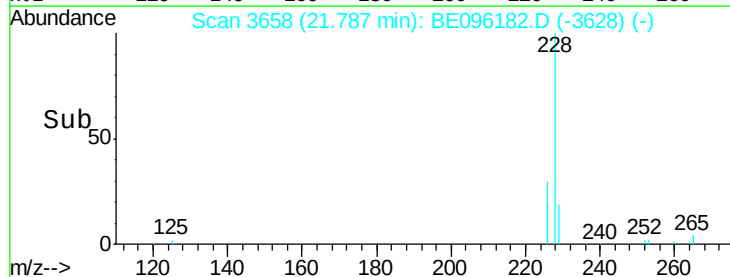
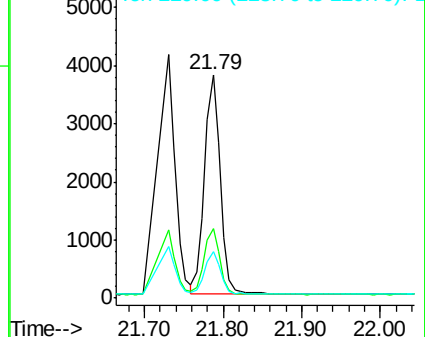
229 20.8 17.7 26.5

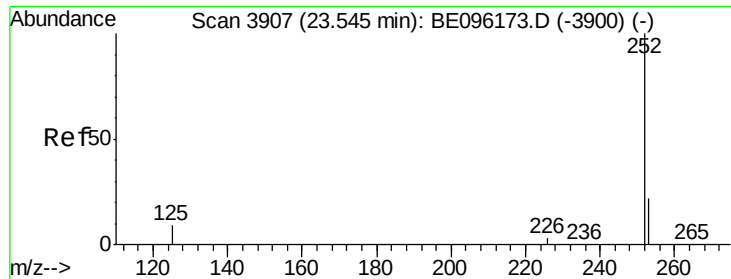


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

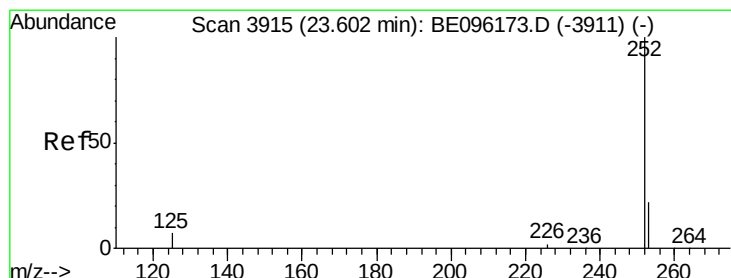
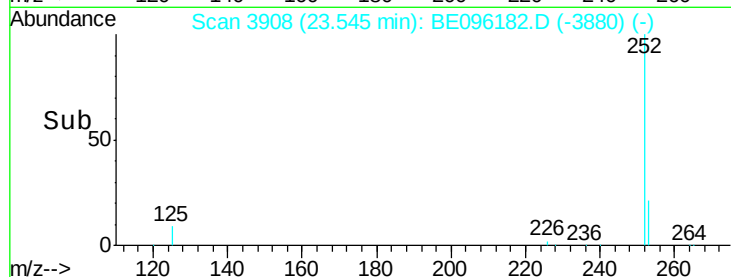
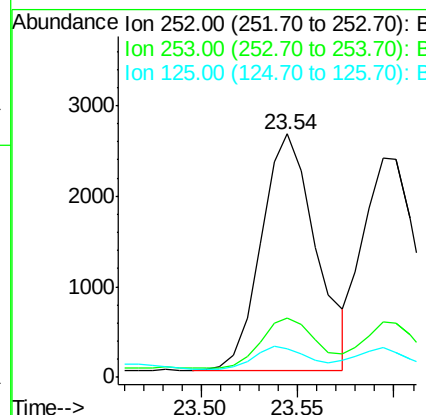
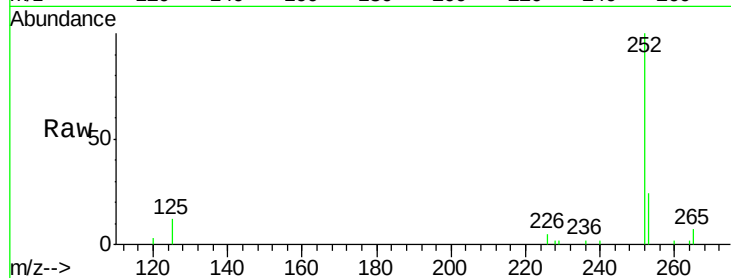




#21
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.54 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BE096182.D
Acq: 26 Apr 2018 16:54

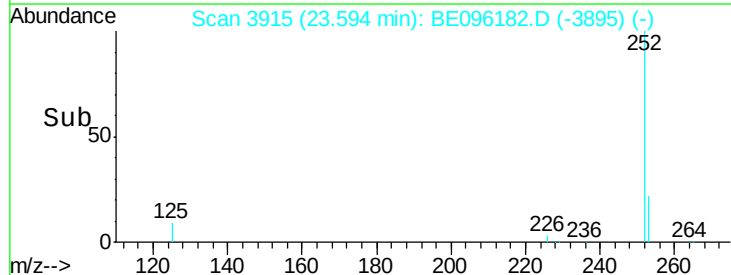
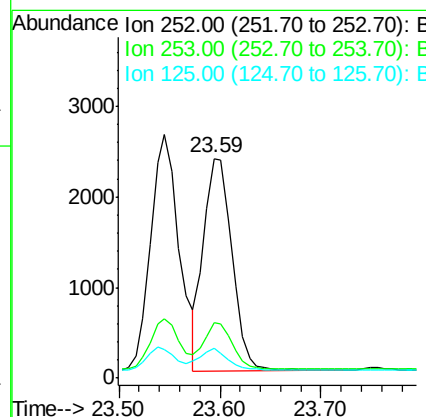
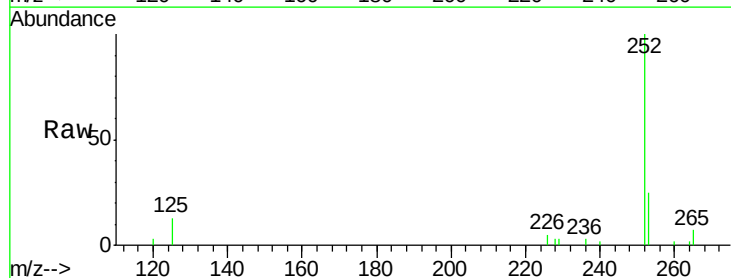
Instrument :
BNA_E
ClientSampleId :

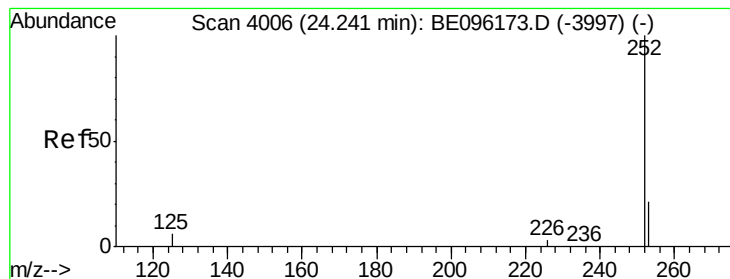
Tot Ion:252 Resp: 5140
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 11.7 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.59 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BE096182.D
Acq: 26 Apr 2018 16:54

Tgt Ion:252 Resp: 4573
Ion Ratio Lower Upper
252 100
253 25.2 24.5 36.7
125 13.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.01 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

Instrument :

BNA_E

ClientSampleId :

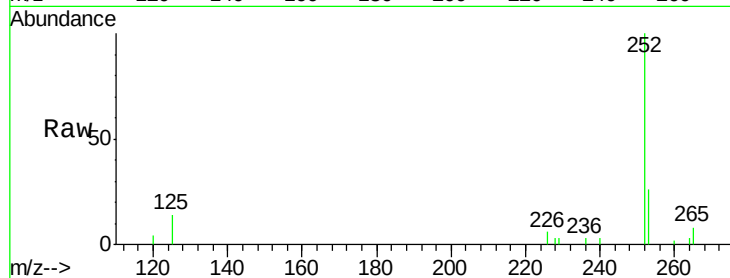
Tot Ion:252 Resp: 4415

Ion Ratio Lower Upper

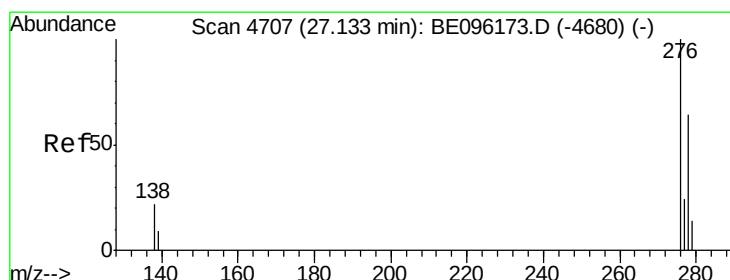
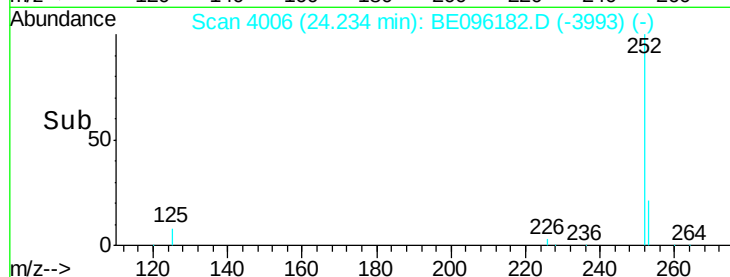
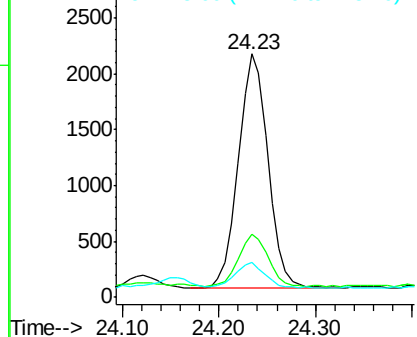
252 100

253 25.7 28.5 42.7#

125 14.2 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: 0.323 ng/ul

RT: 27.13 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BE096182.D

Acq: 26 Apr 2018 16:54

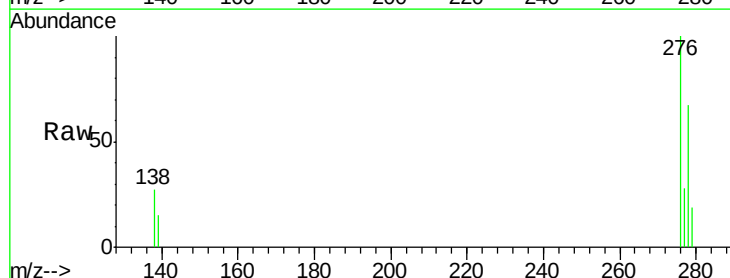
Tgt Ion:276 Resp: 4956

Ion Ratio Lower Upper

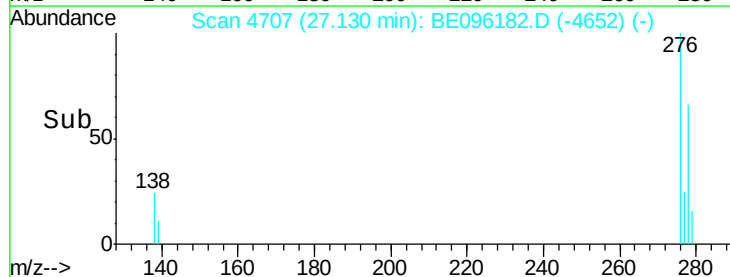
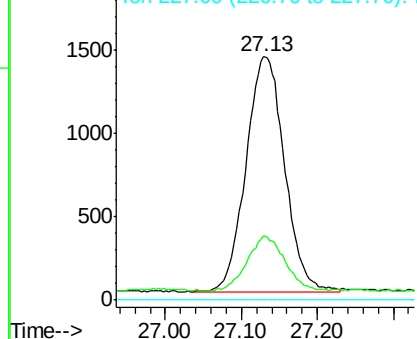
276 100

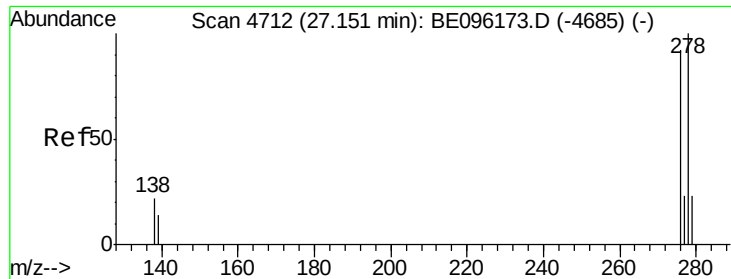
138 22.9 28.0 42.0#

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



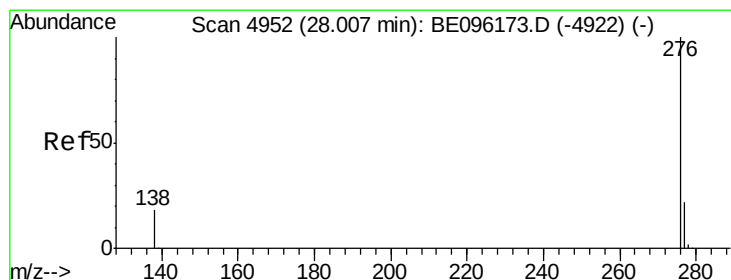
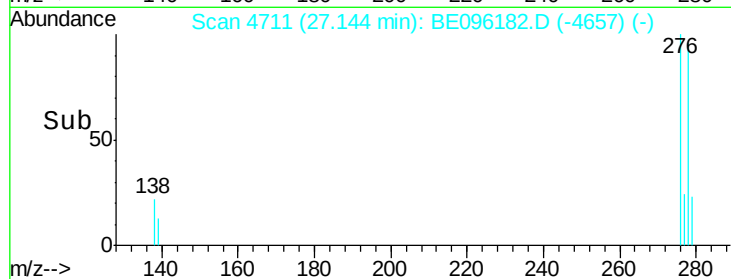
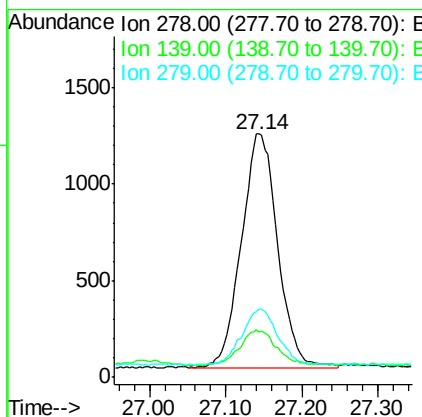
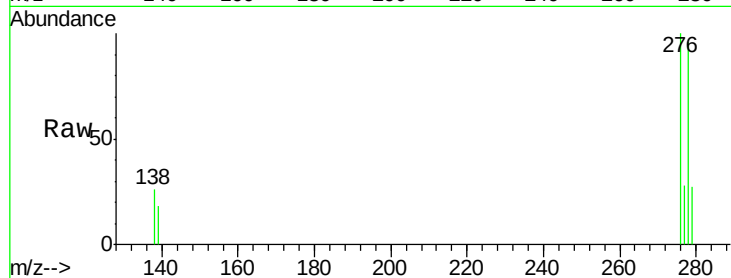


#25
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 27.14 min Scan# 4711
Delta R.T. -0.01 min
Lab File: BE096182.D
Acq: 26 Apr 2018 16:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4009

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	28.1	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 28.00 min Scan# 4950
Delta R.T. -0.01 min
Lab File: BE096182.D
Acq: 26 Apr 2018 16:54

Tgt Ion:276 Resp: 4128

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.8	32.8
277	27.7	20.5	30.7

