

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020918\
 Data File : BE095599.D
 Acq On : 9 Feb 2018 10:00
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 09 23:28:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 04:15:12 2018
 Response via : Initial Calibration

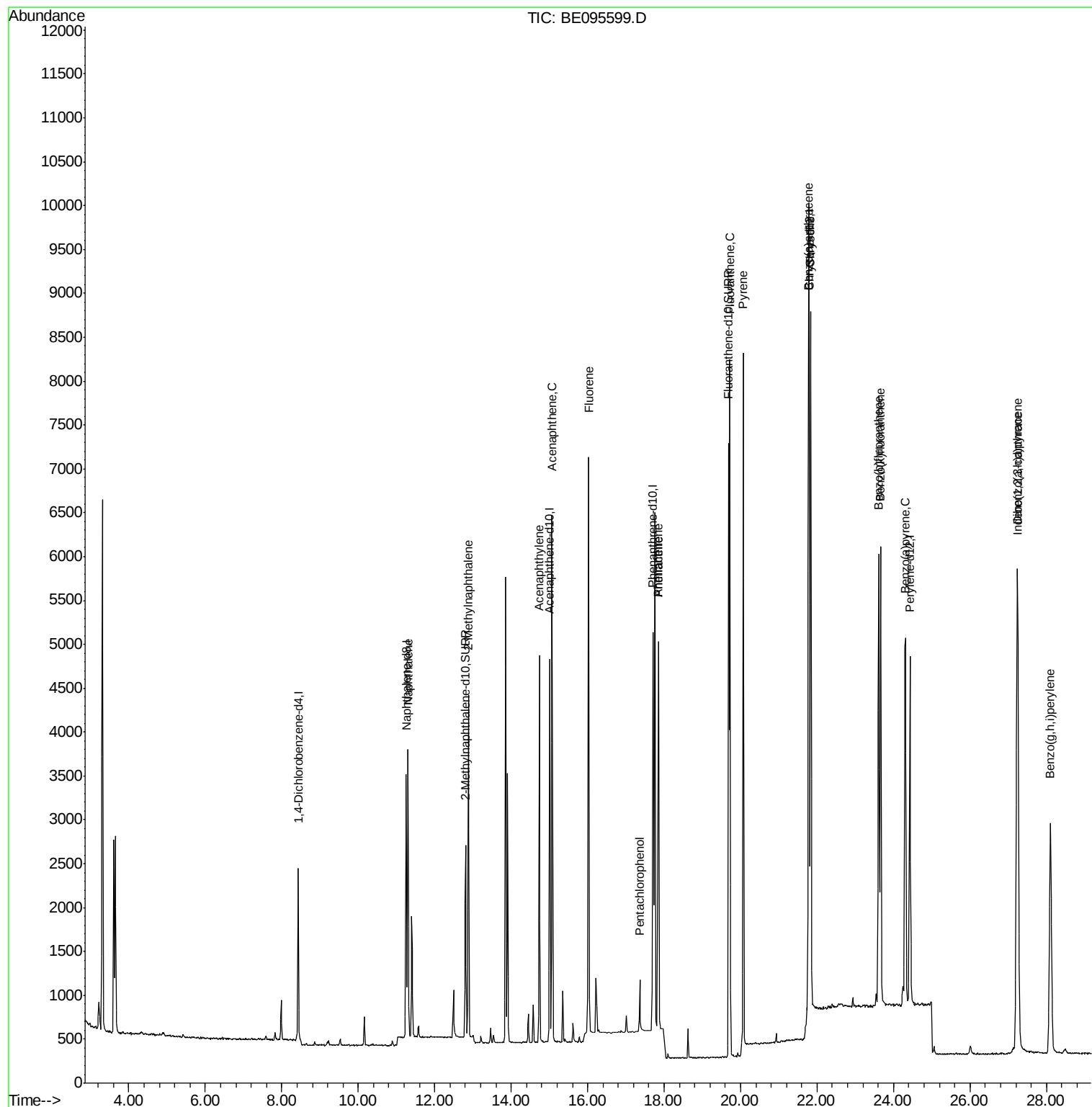
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1495	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4006	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2463	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6355	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6166	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	5788	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2811	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7826	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	4551	0.406	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	3185	0.425	ng/ul	99
7) Acenaphthylene	14.74	152	4930	0.416	ng/ul	98
8) Acenaphthene	15.07	153	3657	0.398	ng/ul	91
9) Fluorene	16.02	166	4556	0.481	ng/ul#	92
11) Pentachlorophenol	17.36	266	408	0.331	ng/ul	97
12) Phenanthrene	17.84	178	6320	0.296	ng/ul	95
13) Anthracene	17.84	178	6343	0.324	ng/ul	95
15) Fluoranthene	19.72	202	8771	0.317	ng/ul	84
17) Pyrene	20.07	202	9693	0.468	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	9411	0.488	ng/ul#	85
19) Chrysene	21.83	228	8021	0.401	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	7672	0.376	ng/ul	85
22) Benzo(k)fluoranthene	23.66	252	7550	0.404	ng/ul#	87
23) Benzo(a)pyrene	24.31	252	7334	0.402	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.23	276	8318	0.416	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.25	278	6786	0.415	ng/ul#	89
26) Benzo(g,h,i)perylene	28.10	276	6996	0.413	ng/ul#	93

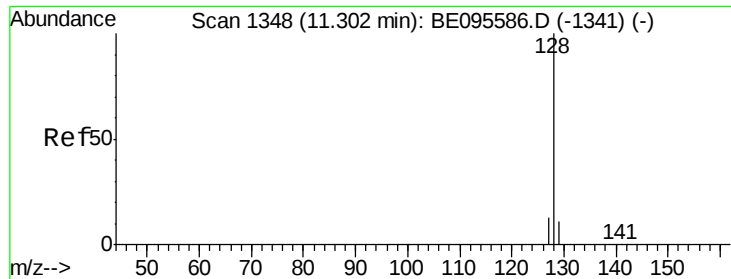
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.406 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampleId :

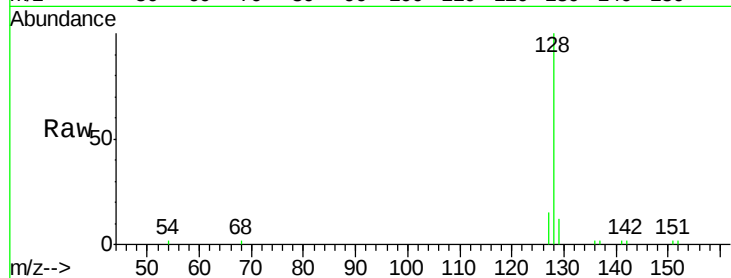
Tot Ion:128 Resp: 4551

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

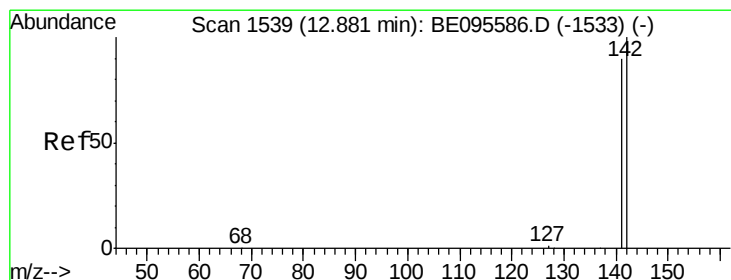
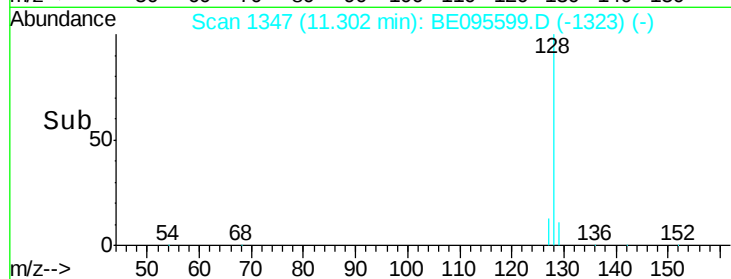
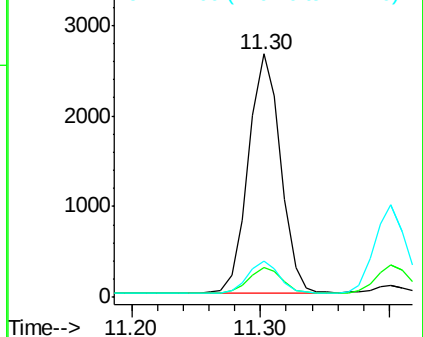
127 14.8 4.0 6.0#



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: 0.425 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE095599.D

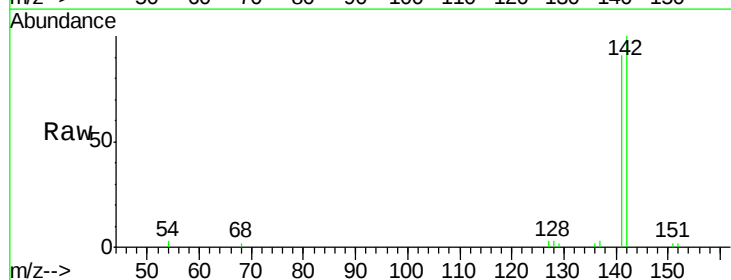
Acq: 9 Feb 2018 10:00

Tgt Ion:142 Resp: 3185

Ion Ratio Lower Upper

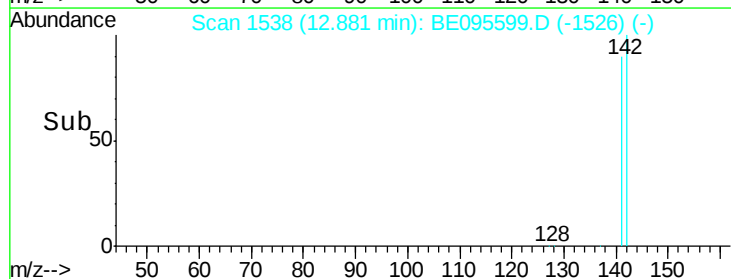
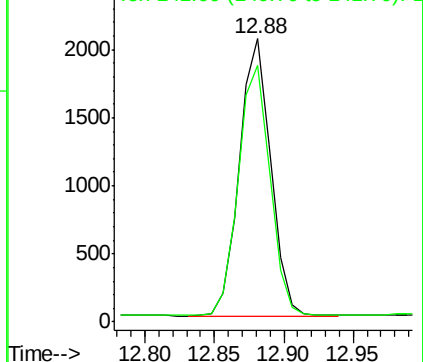
142 100

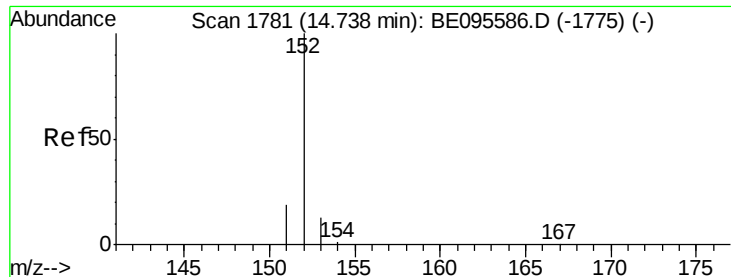
141 91.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.416 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampleId :

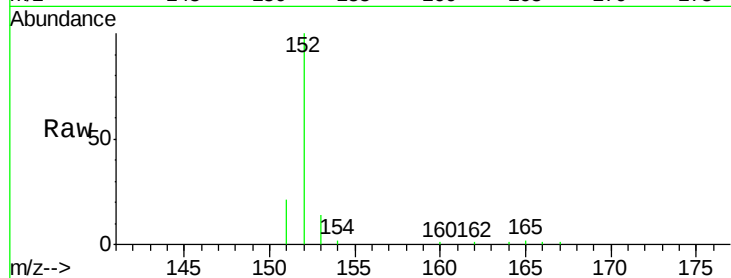
Tot Ion:152 Resp: 4930

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

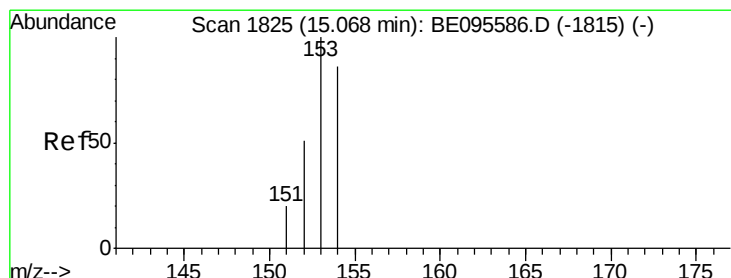
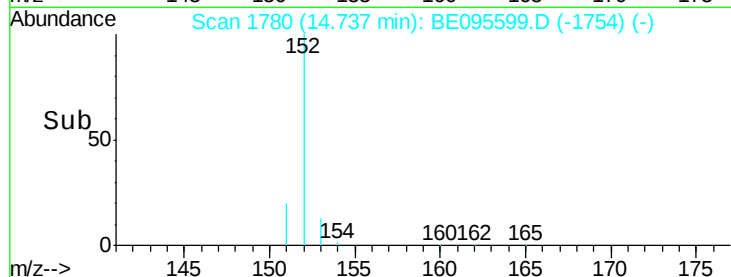
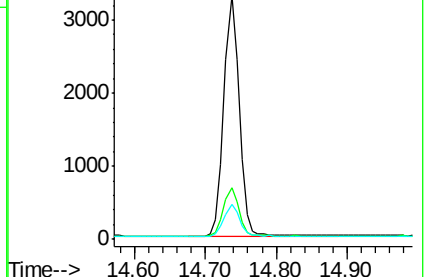
153 14.4 12.8 19.2



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: 0.398 ng/ul

RT: 15.07 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

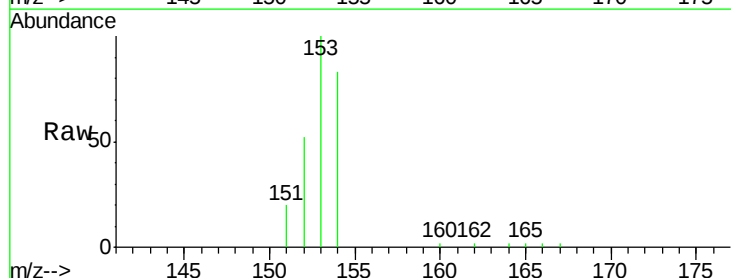
Tgt Ion:153 Resp: 3657

Ion Ratio Lower Upper

153 100

152 51.7 36.0 54.0

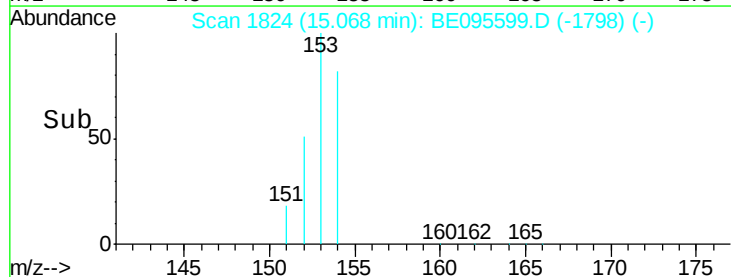
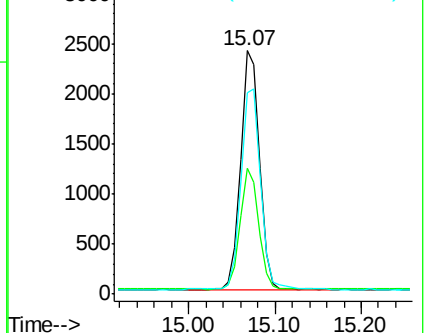
154 82.6 72.0 108.0

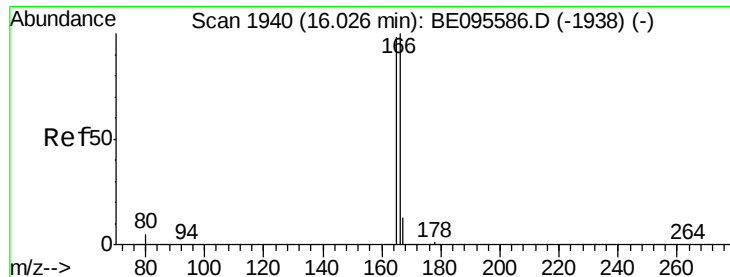


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

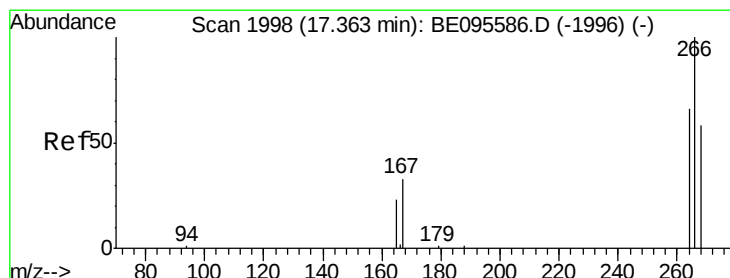
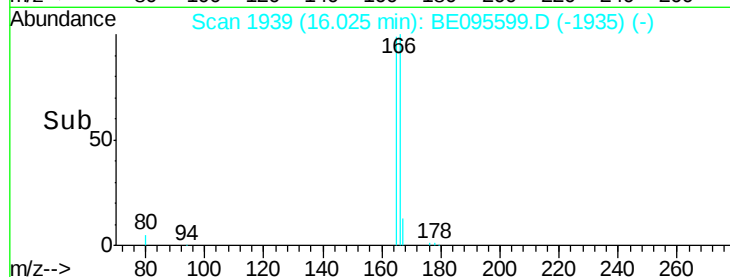
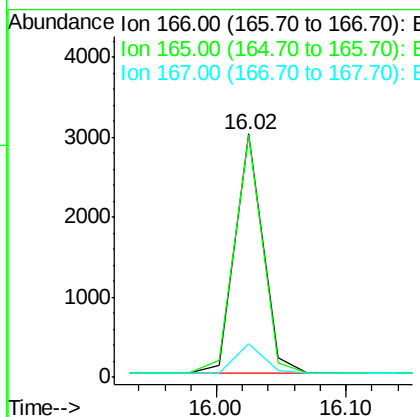
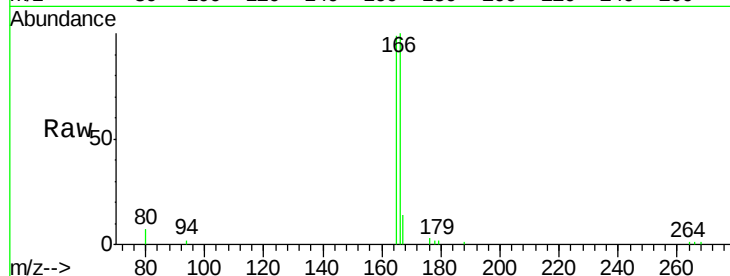




#9
Fluorene
 Concen: 0.481 ng/ul
 RT: 16.02 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BE095599.D
 Acq: 9 Feb 2018 10:00

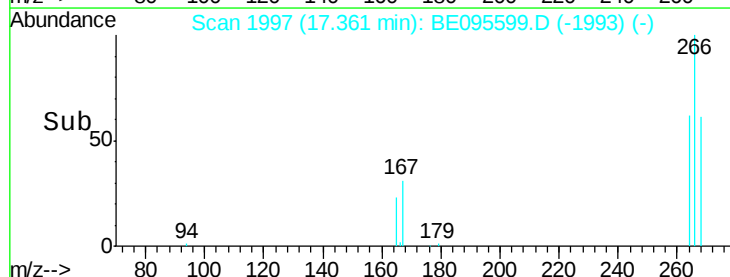
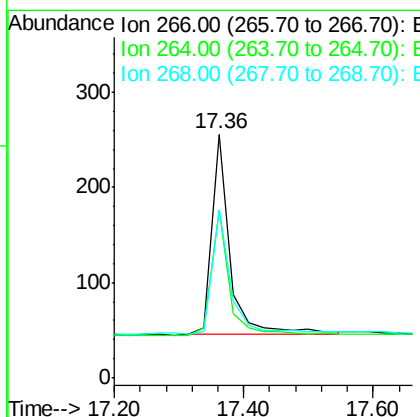
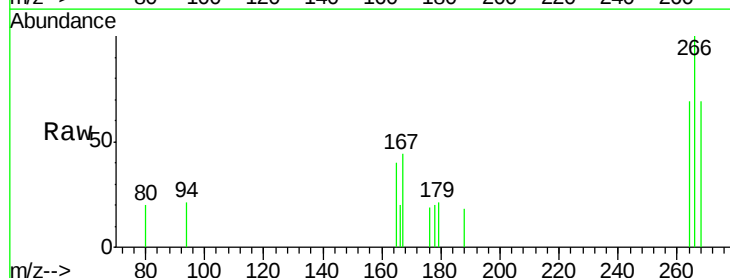
Instrument :
 BNA_E
 ClientSampleId :

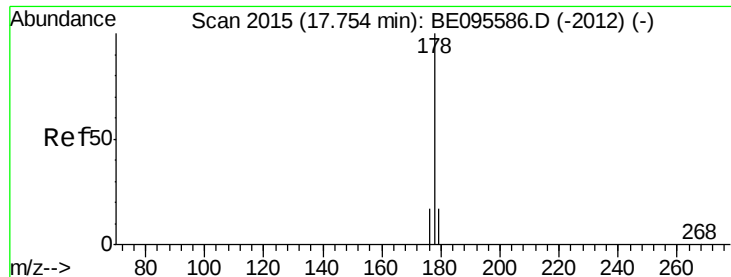
Tot Ion:166 Resp: 4556
 Ion Ratio Lower Upper
 166 100
 165 99.5 73.4 110.2
 167 14.0 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.331 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095599.D
 Acq: 9 Feb 2018 10:00

Tgt Ion:266 Resp: 408
 Ion Ratio Lower Upper
 266 100
 264 61.0 47.9 71.9
 268 66.4 49.8 74.8





#12

Phenanthrene

Concen: 0.296 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. 0.09 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampled :

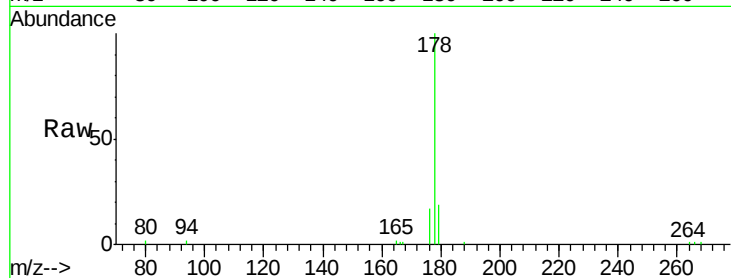
Tot Ion:178 Resp: 6320

Ion Ratio Lower Upper

178 100

179 19.2 18.4 27.6

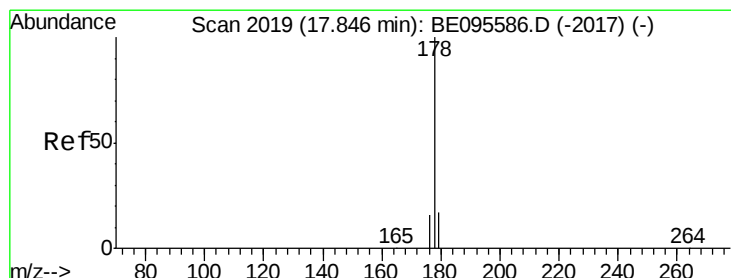
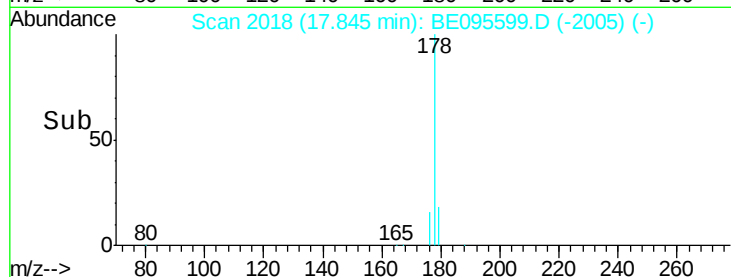
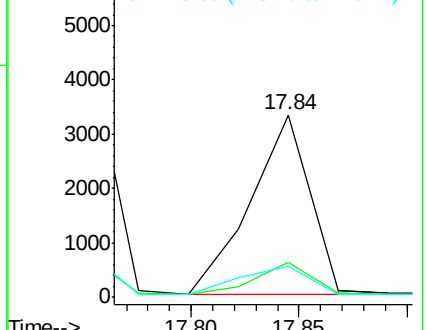
176 17.1 13.6 20.4



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: 0.324 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

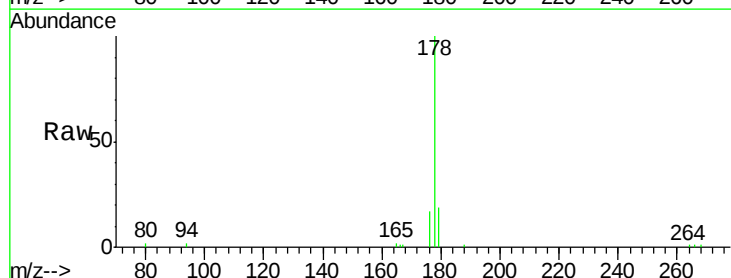
Tgt Ion:178 Resp: 6343

Ion Ratio Lower Upper

178 100

179 19.2 18.1 27.1

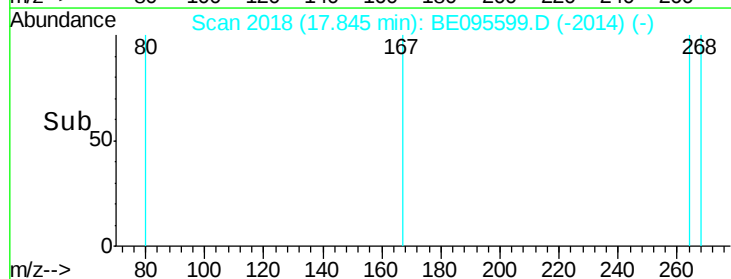
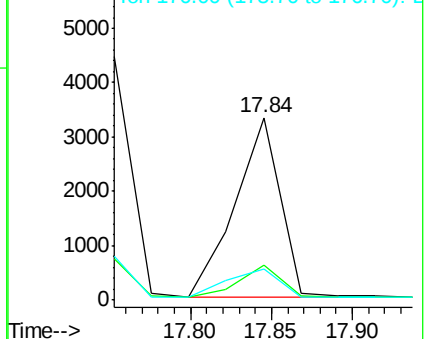
176 17.1 14.7 22.1

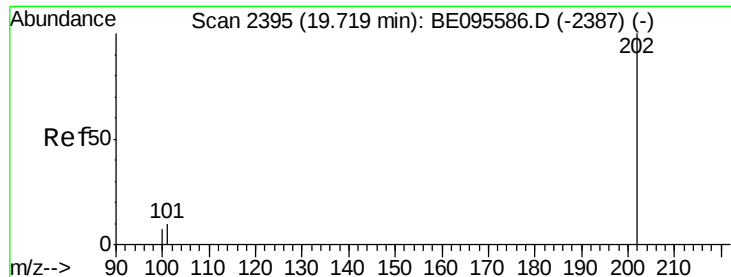


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.317 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampleId :

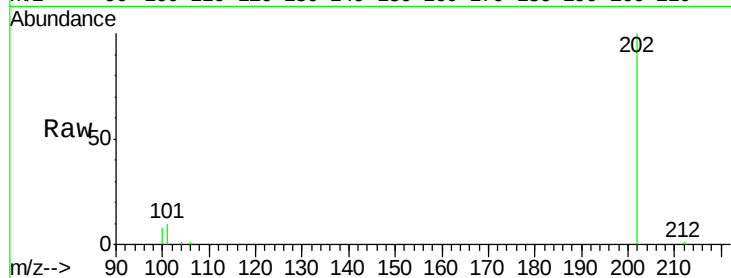
Tot Ion:202 Resp: 8771

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

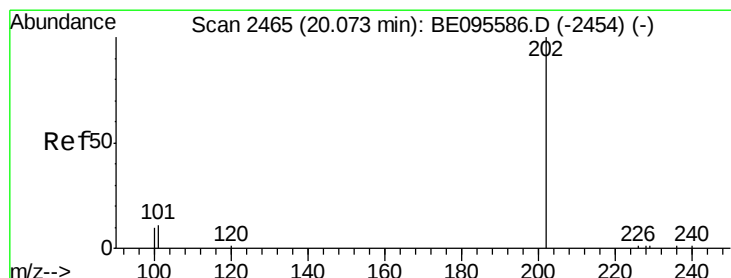
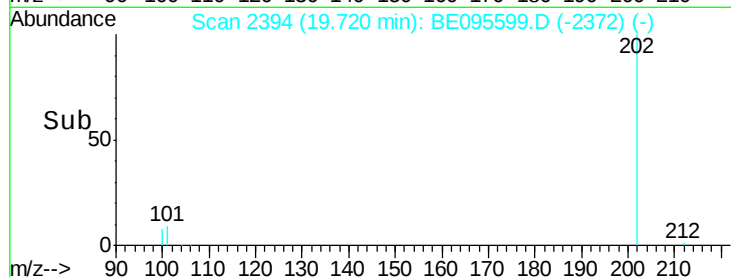
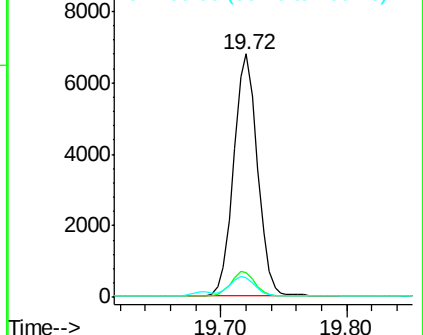
100 8.3 0.0 39.5



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: 0.468 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

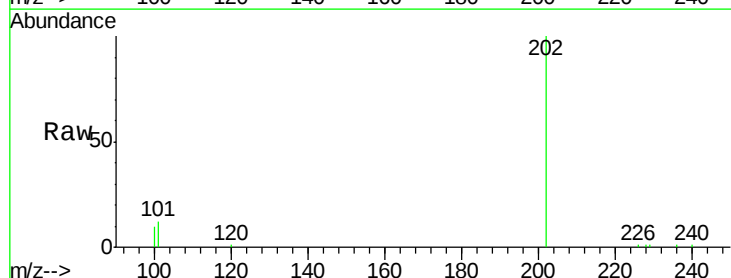
Tgt Ion:202 Resp: 9693

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

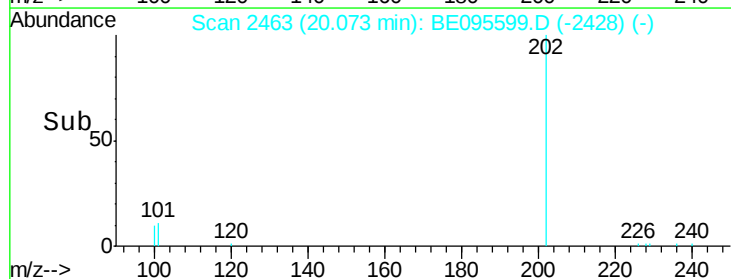
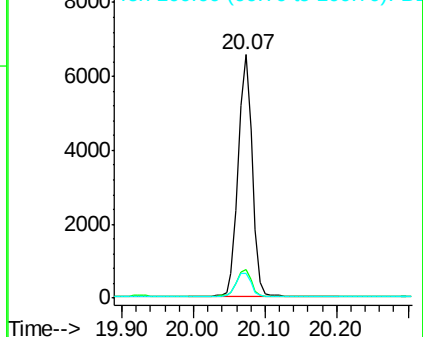
100 10.3 15.6 23.4#

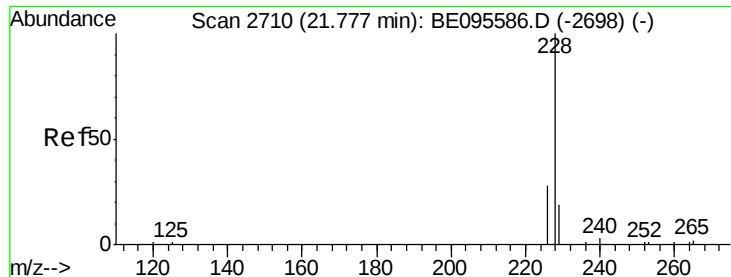


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.488 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampleId :

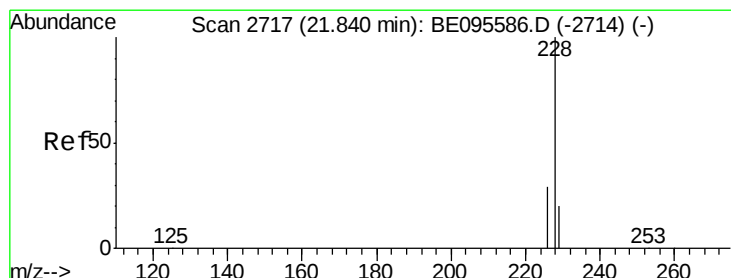
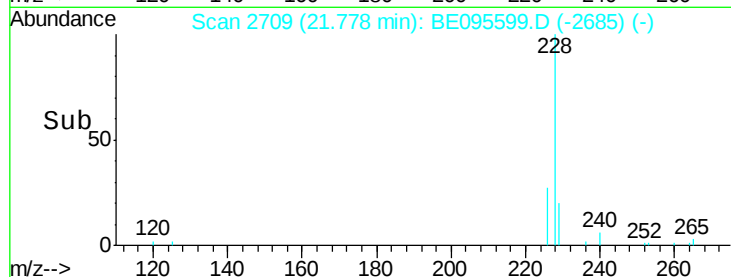
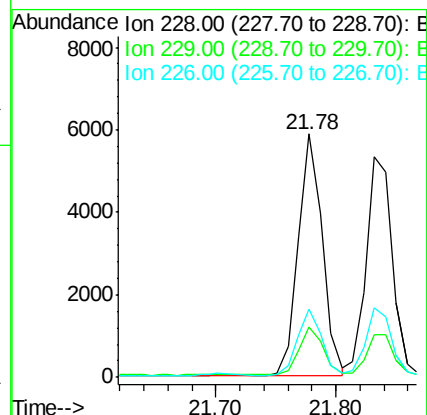
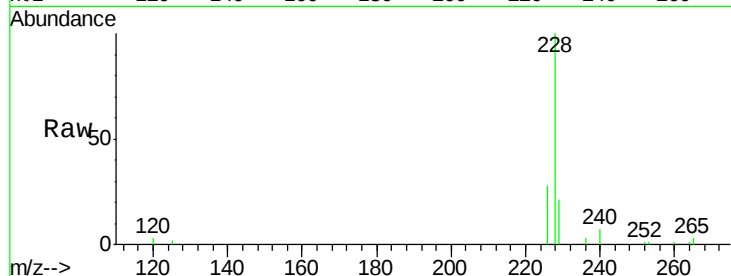
Tot Ion:228 Resp: 9411

Ion Ratio Lower Upper

228 100

229 20.6 22.8 34.2#

226 28.0 17.0 25.6#



#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

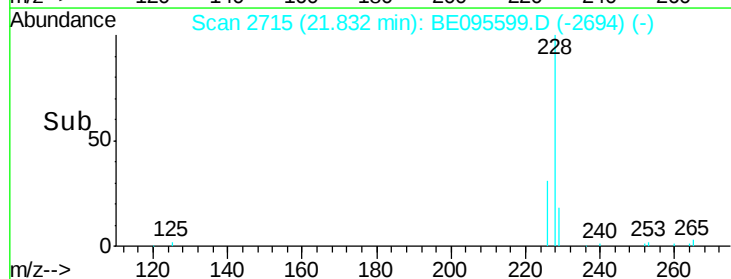
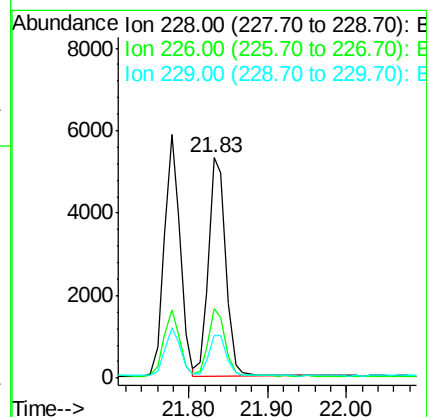
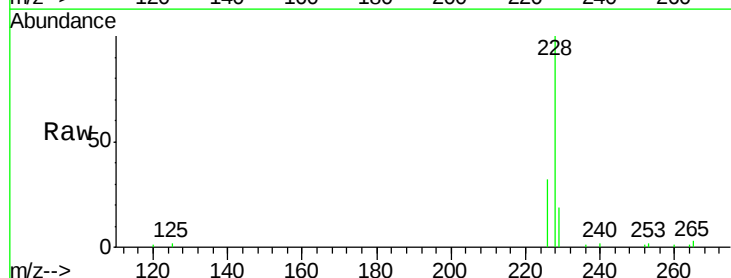
Tgt Ion:228 Resp: 8021

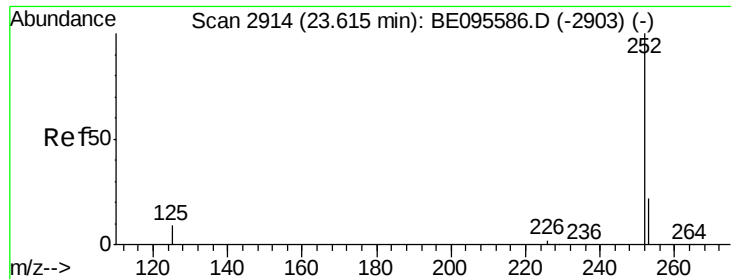
Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 19.3 17.7 26.5

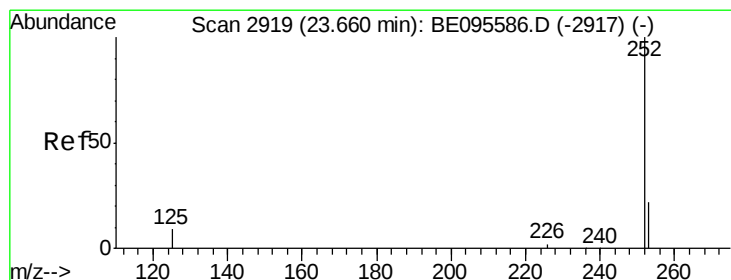
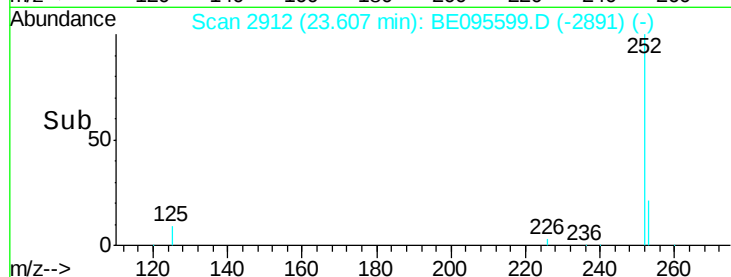
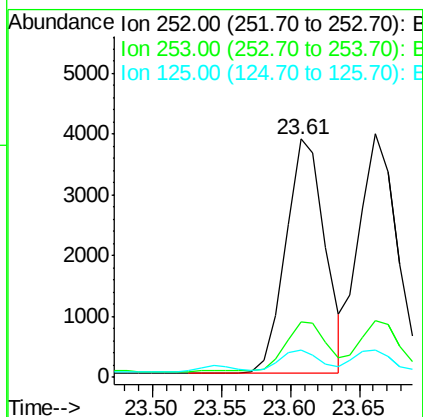
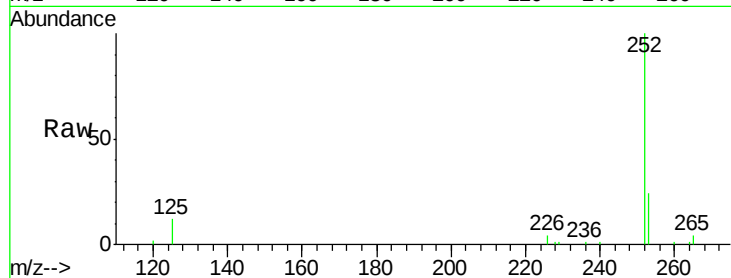




#21
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.61 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BE095599.D
Acq: 9 Feb 2018 10:00

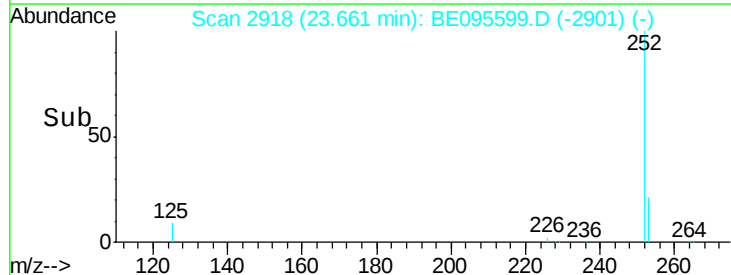
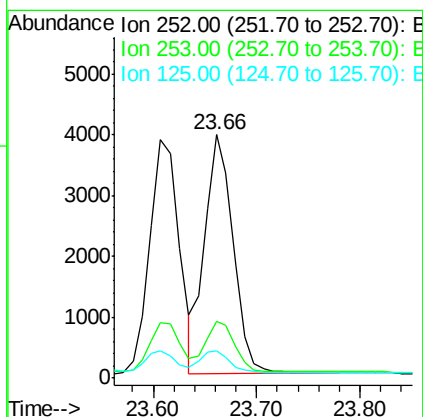
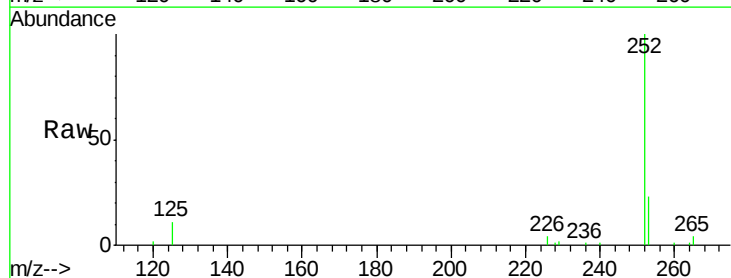
Instrument :
BNA_E
ClientSampleId :

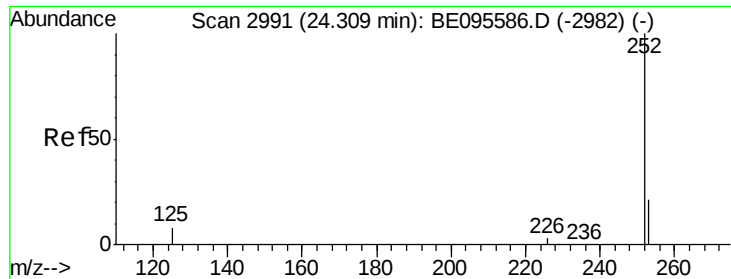
Tot Ion:252 Resp: 7672
Ion Ratio Lower Upper
252 100
253 23.5 0.0 64.2
125 11.6 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 23.66 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BE095599.D
Acq: 9 Feb 2018 10:00

Tgt Ion:252 Resp: 7550
Ion Ratio Lower Upper
252 100
253 23.4 24.5 36.7#
125 11.4 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

Instrument :

BNA_E

ClientSampleId :

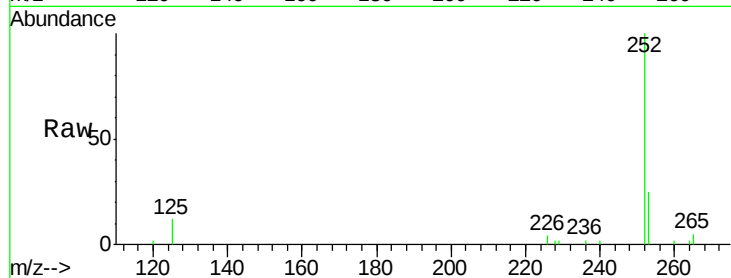
Tot Ion:252 Resp: 7334

Ion Ratio Lower Upper

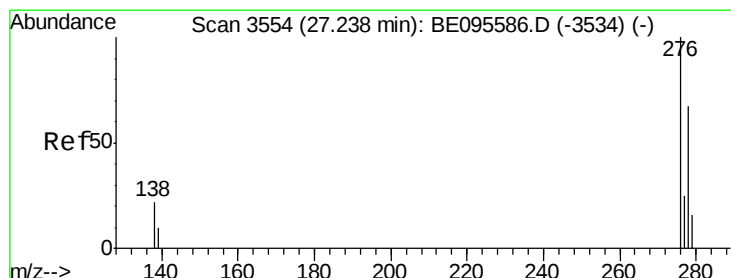
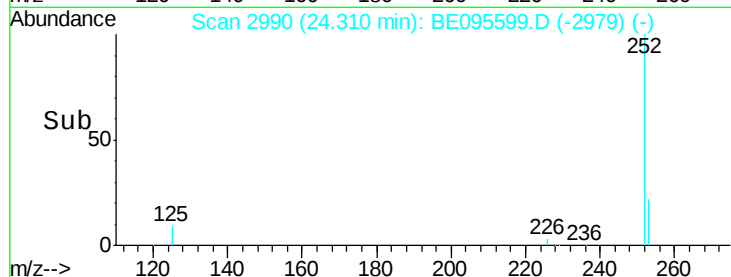
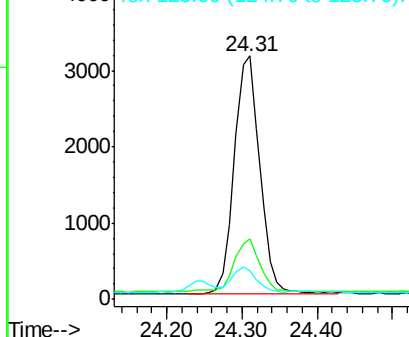
252 100

253 24.9 28.5 42.7#

125 11.9 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: 0.416 ng/ul

RT: 27.23 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BE095599.D

Acq: 9 Feb 2018 10:00

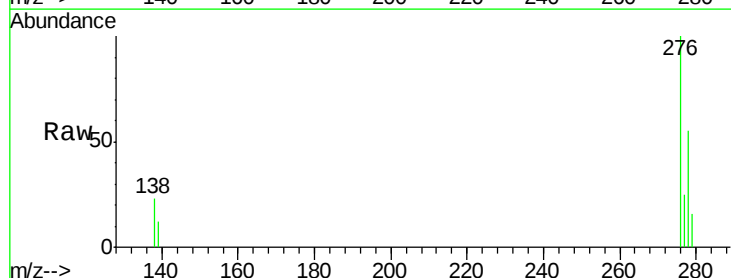
Tgt Ion:276 Resp: 8318

Ion Ratio Lower Upper

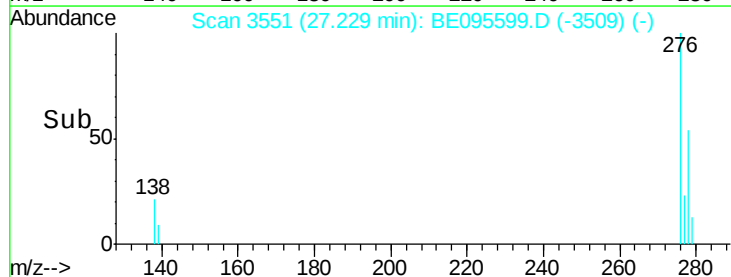
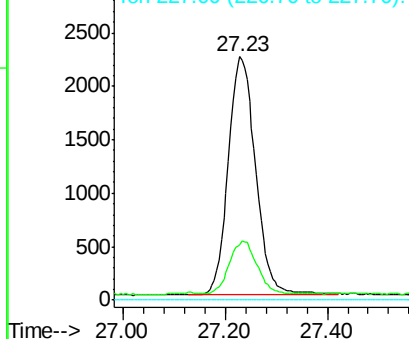
276 100

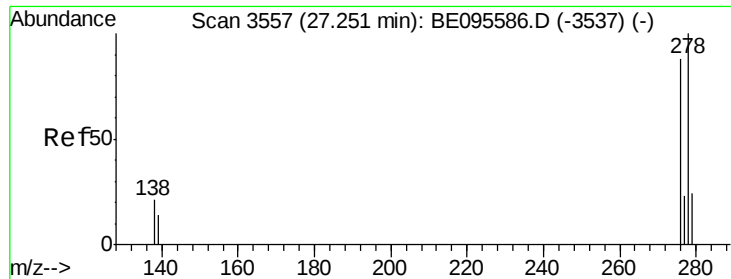
138 21.9 28.0 42.0#

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

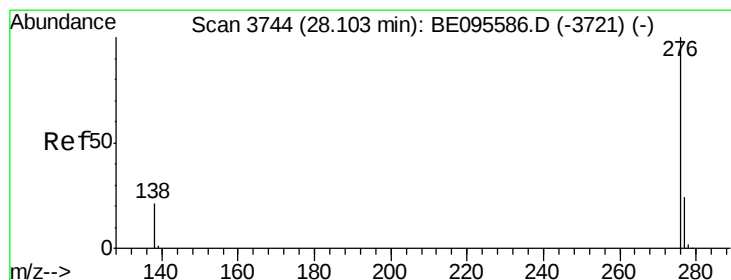
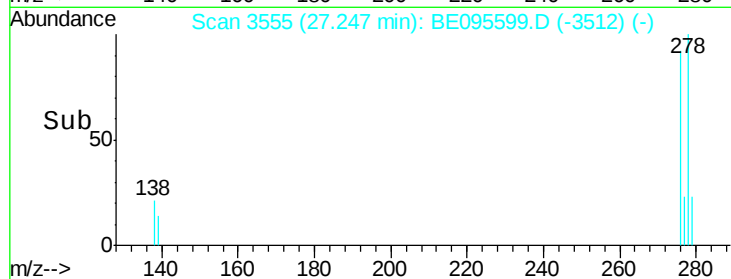
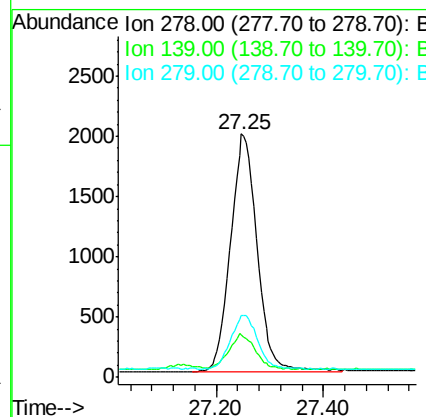
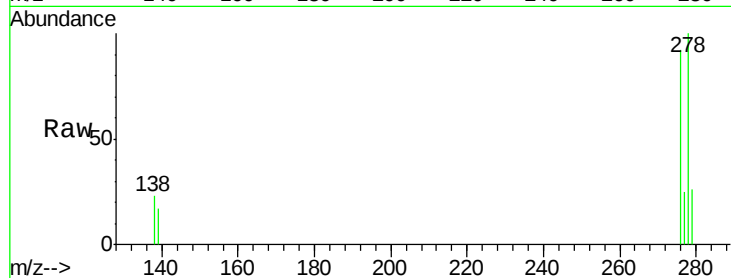




#25
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 27.25 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BE095599.D
Acq: 9 Feb 2018 10:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6786
Ion Ratio Lower Upper
278 100
139 17.5 17.4 26.0
279 25.5 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 28.10 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BE095599.D
Acq: 9 Feb 2018 10:00

Tgt Ion:276 Resp: 6996
Ion Ratio Lower Upper
276 100
138 20.7 21.8 32.8#
277 25.2 20.5 30.7

