

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020918\
 Data File : BE095610.D
 Acq On : 9 Feb 2018 16:35
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 09 23:42:22 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 23:40:09 2018
 Response via : Initial Calibration

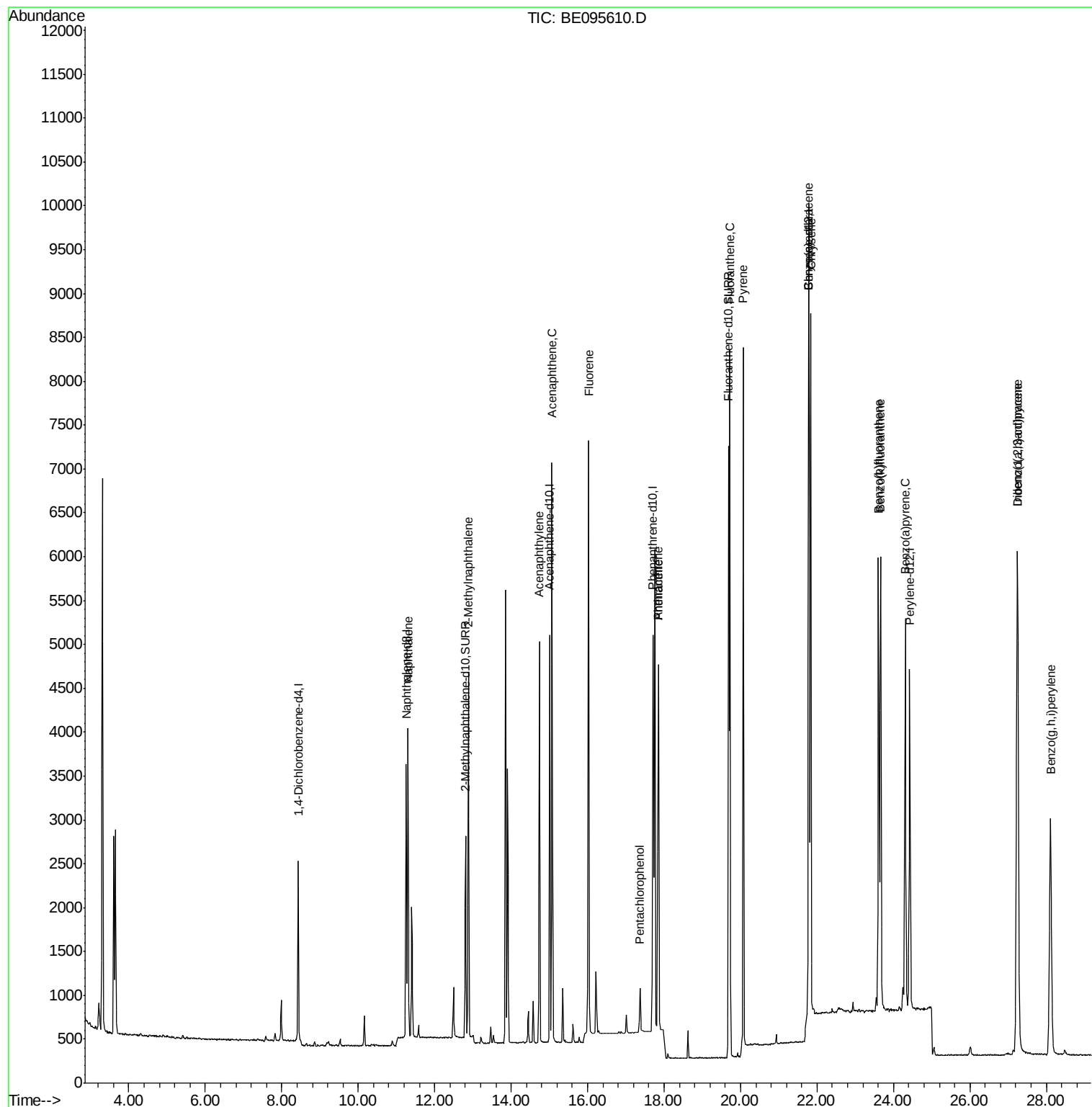
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1563	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4239	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2591	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6328	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6214	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	5865	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2977	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7892	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	4815	0.406	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	3376	0.426	ng/ul	99
7) Acenaphthylene	14.74	152	5195	0.417	ng/ul	96
8) Acenaphthene	15.07	153	3859	0.399	ng/ul	94
9) Fluorene	16.03	166	4663	0.468	ng/ul#	91
11) Pentachlorophenol	17.36	266	358	0.292	ng/ul	95
12) Phenanthrene	17.85	178	6449	0.303	ng/ul	95
13) Anthracene	17.85	178	6471	0.332	ng/ul	94
15) Fluoranthene	19.72	202	8886	0.322	ng/ul	84
17) Pyrene	20.07	202	9615	0.461	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	8168	0.420	ng/ul#	85
19) Chrysene	21.84	228	8103	0.402	ng/ul	98
21) Benzo(b)fluoranthene	23.61	252	7732	0.374	ng/ul	85
22) Benzo(k)fluoranthene	23.66	252	7748	0.409	ng/ul#	88
23) Benzo(a)pyrene	24.31	252	7460	0.404	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.23	276	8384	0.414	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.25	278	6809	0.411	ng/ul#	89
26) Benzo(g,h,i)perylene	28.11	276	7002	0.408	ng/ul	94

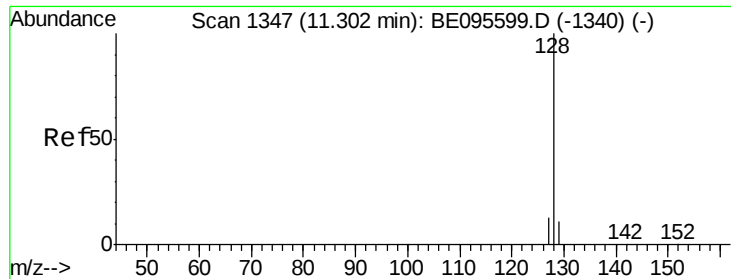
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020918\
Data File : BE095610.D
Acq On : 9 Feb 2018 16:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 09 23:42:22 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 23:40:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.406 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

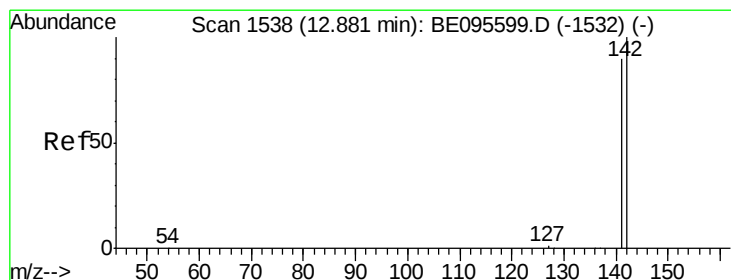
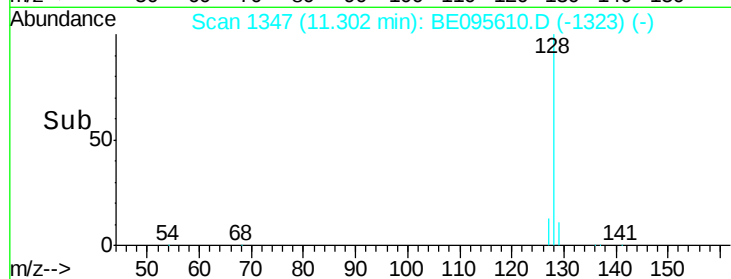
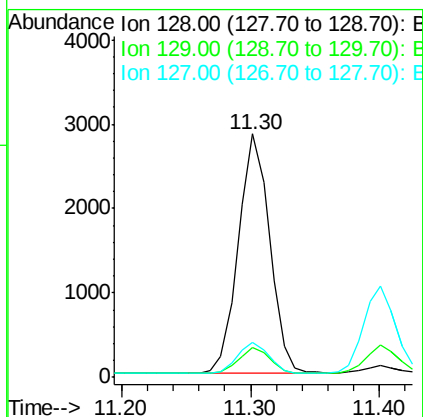
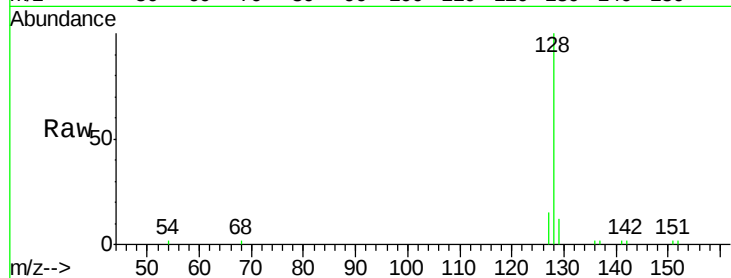
Tot Ion:128 Resp: 4815

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

127 14.6 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE095610.D

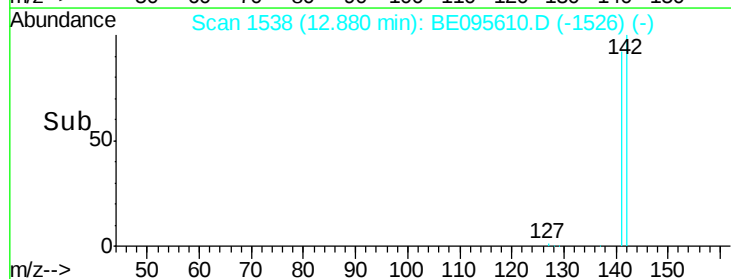
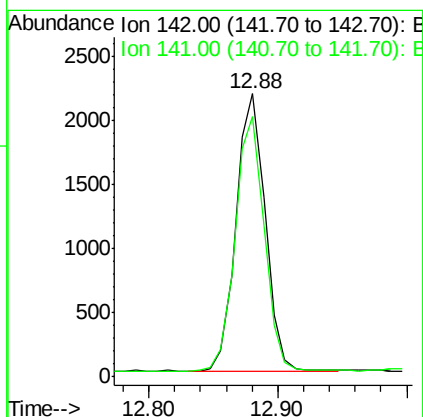
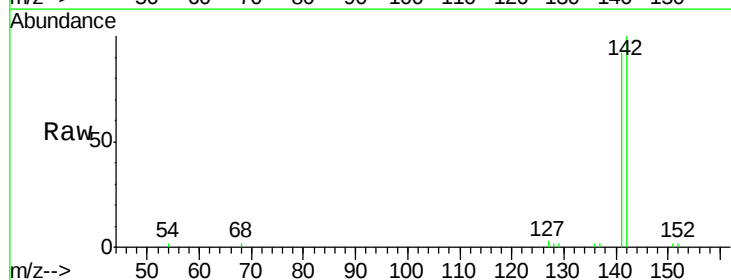
Acq: 9 Feb 2018 16:35

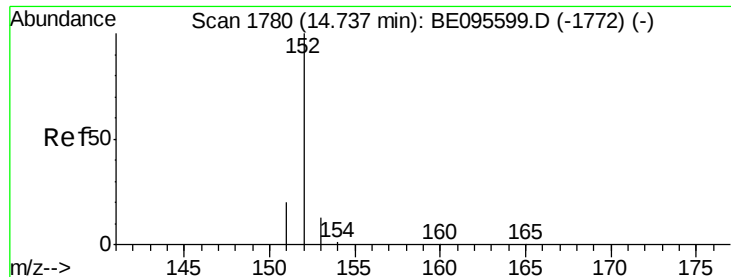
Tgt Ion:142 Resp: 3376

Ion Ratio Lower Upper

142 100

141 91.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.417 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

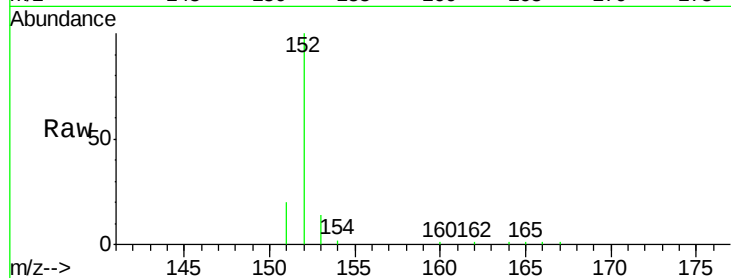
Tot Ion:152 Resp: 5195

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

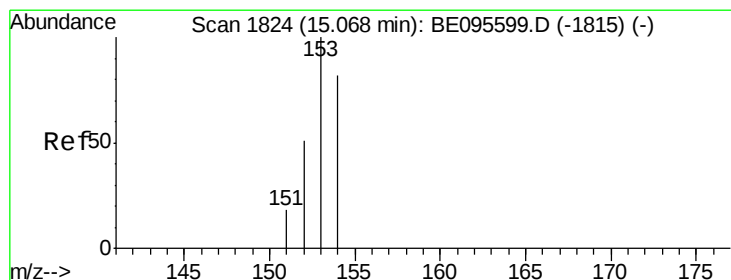
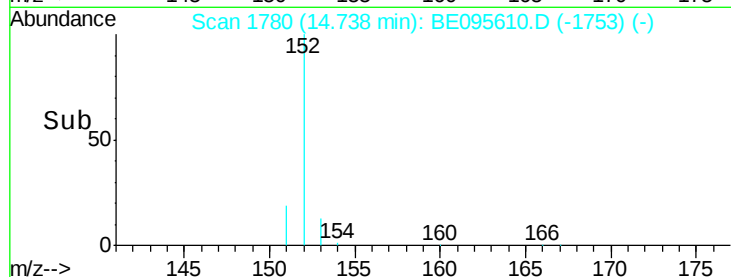
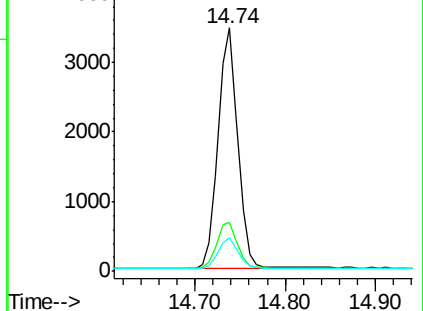
153 13.9 12.8 19.2



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: 0.399 ng/ul

RT: 15.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

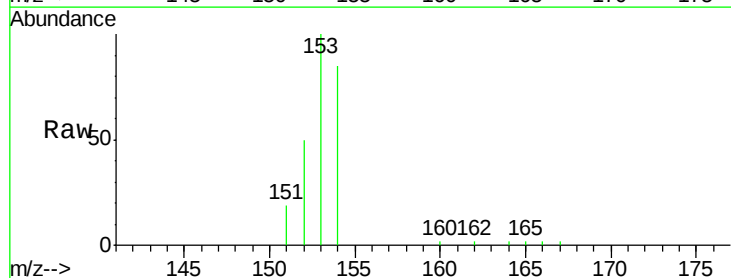
Tgt Ion:153 Resp: 3859

Ion Ratio Lower Upper

153 100

152 49.9 36.0 54.0

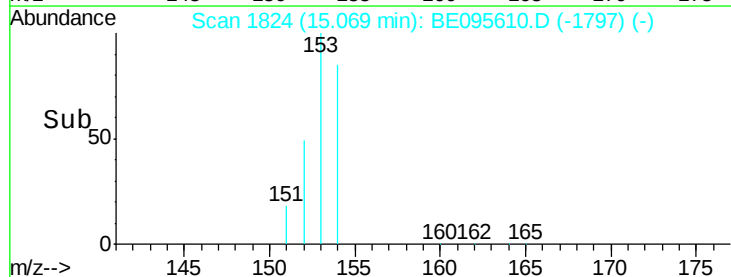
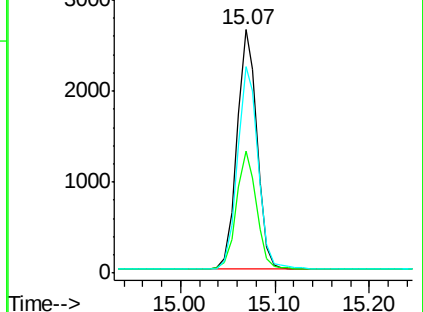
154 84.9 72.0 108.0

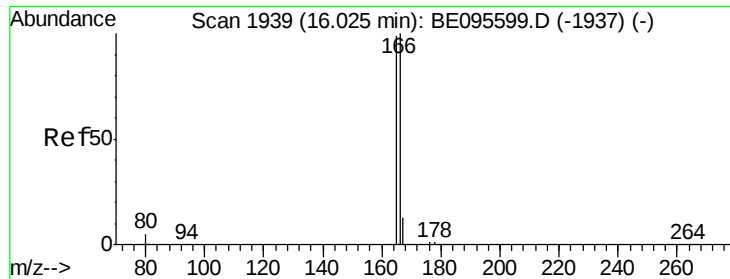


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

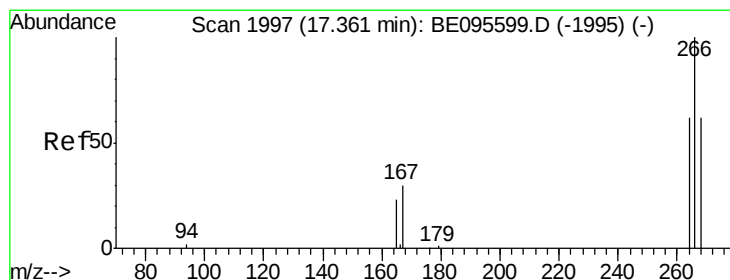
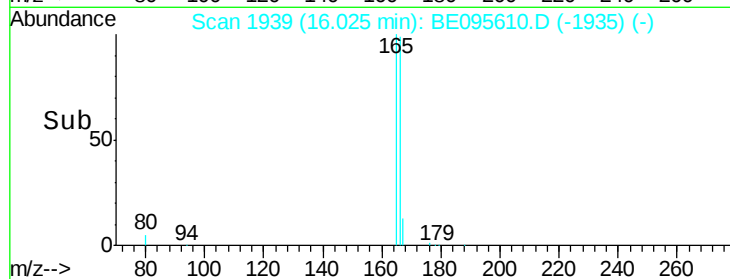
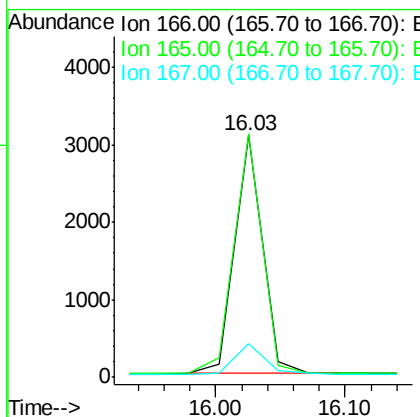
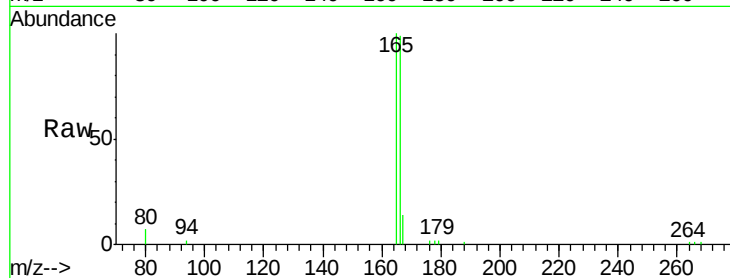




#9
Fluorene
 Concen: 0.468 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095610.D
 Acq: 9 Feb 2018 16:35

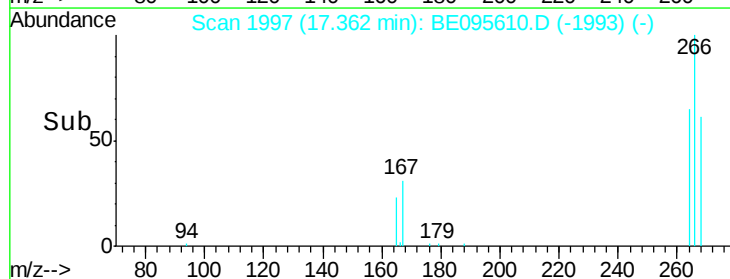
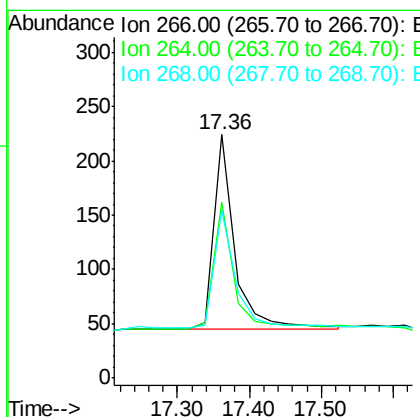
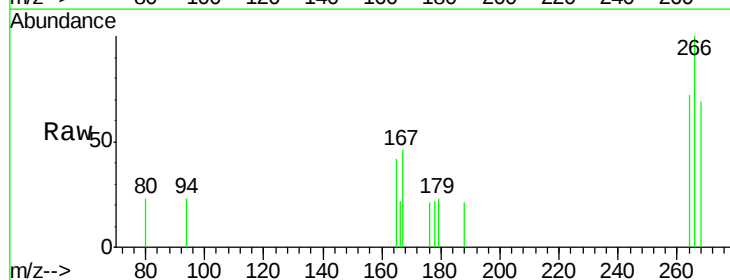
Instrument :
 BNA_E
 ClientSampleId :

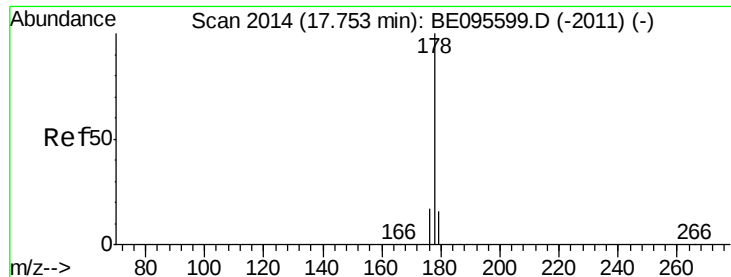
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	14.1	14.6	22.0



#11
Pentachlorophenol
 Concen: 0.292 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095610.D
 Acq: 9 Feb 2018 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.8	47.9	71.9
268	62.8	49.8	74.8





#12

Phenanthrene

Concen: 0.303 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.09 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

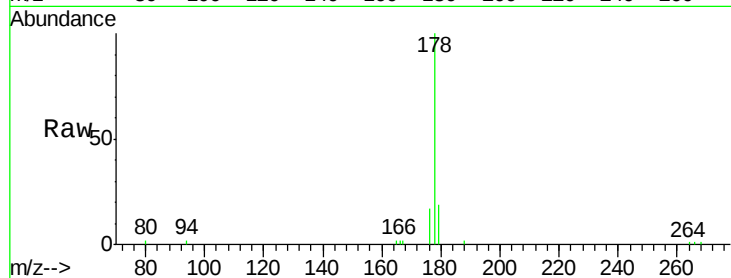
Tot Ion:178 Resp: 6449

Ion Ratio Lower Upper

178 100

179 18.7 18.4 27.6

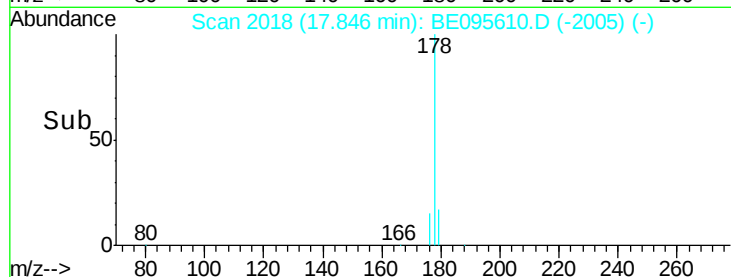
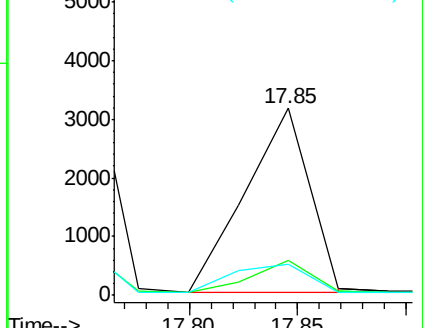
176 16.8 13.6 20.4



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: 0.332 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

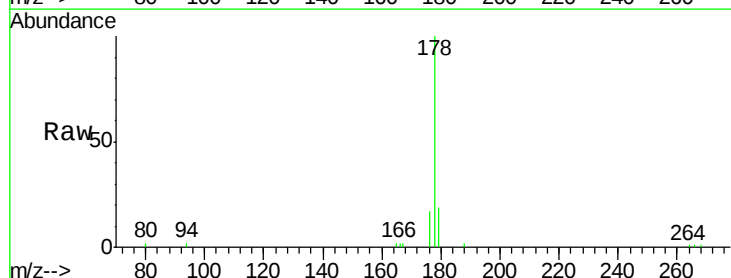
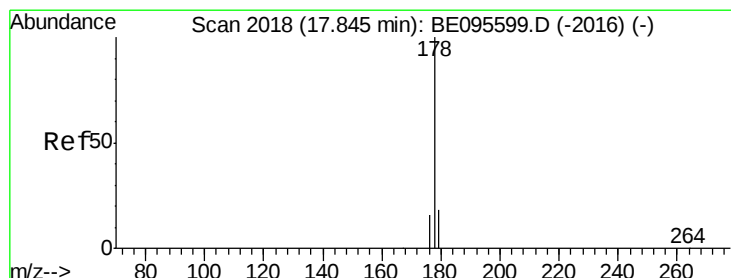
Tgt Ion:178 Resp: 6471

Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

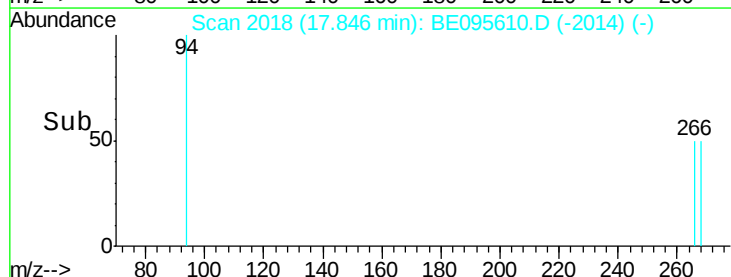
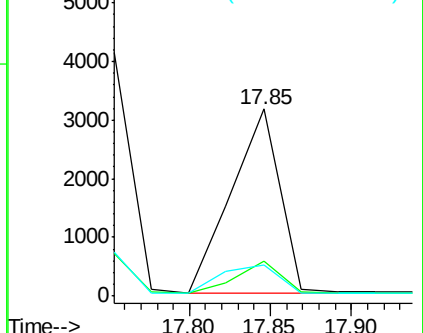
176 16.8 14.7 22.1

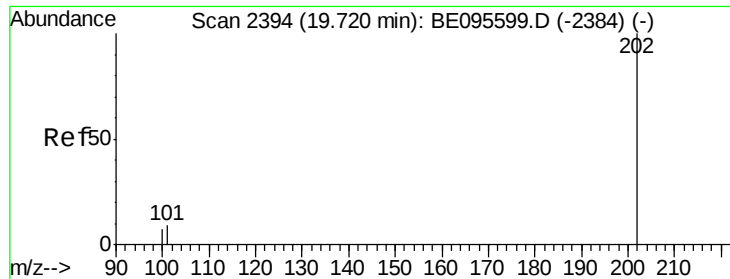


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.322 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

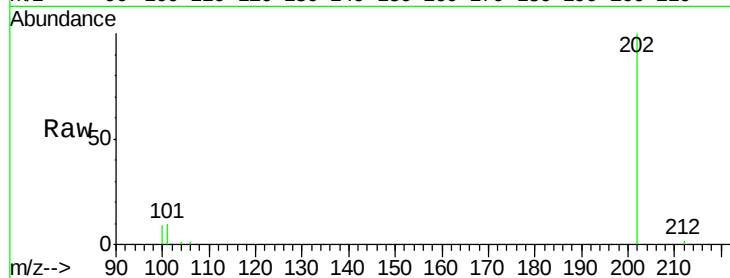
Tot Ion:202 Resp: 8886

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.3

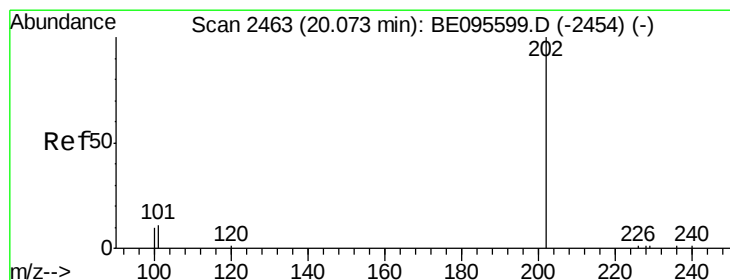
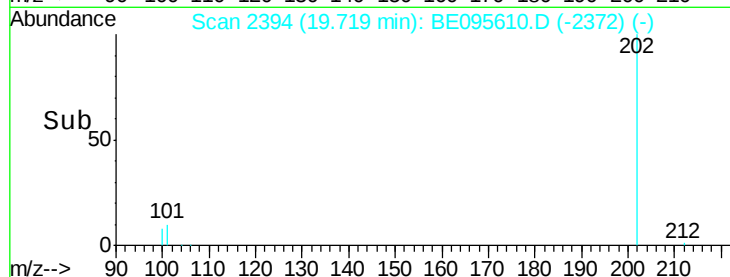
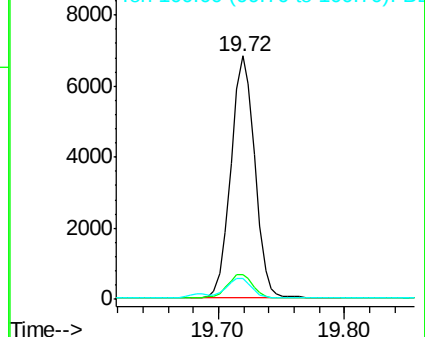
100 8.7 0.0 39.5



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: 0.461 ng/ul

RT: 20.07 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

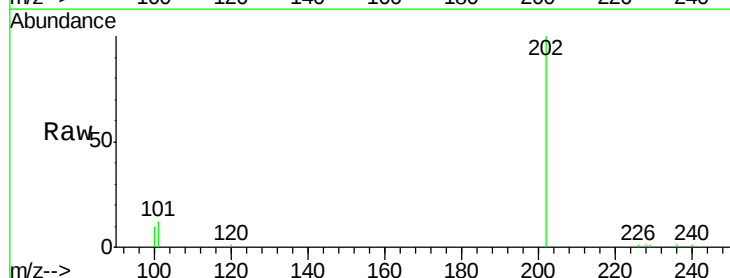
Tgt Ion:202 Resp: 9615

Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

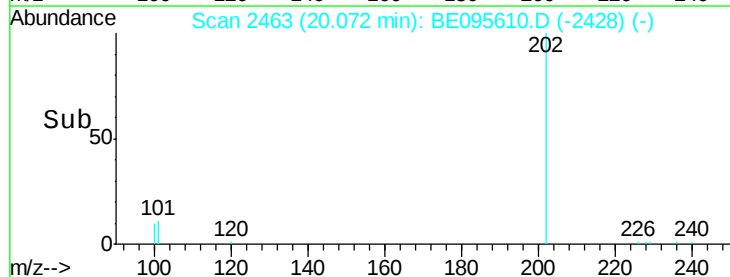
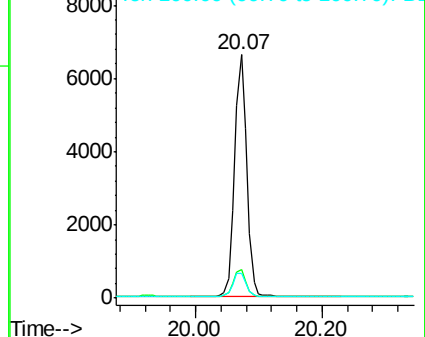
100 10.3 15.6 23.4#

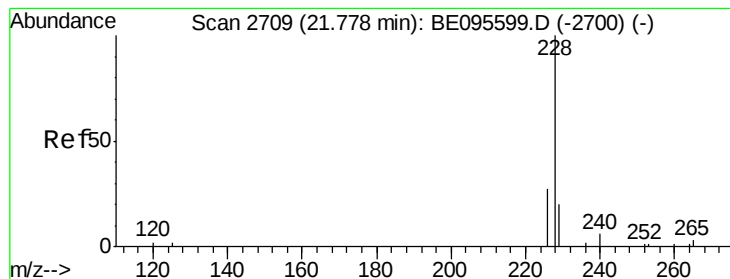


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.420 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

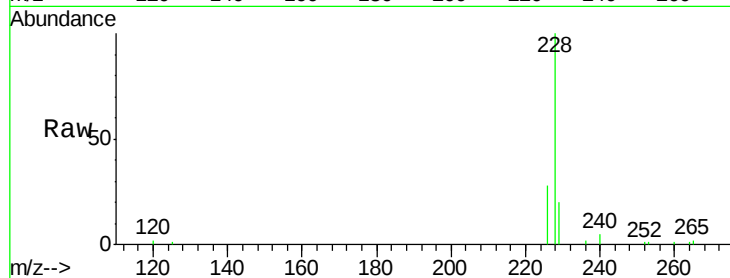
Tot Ion:228 Resp: 8168

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

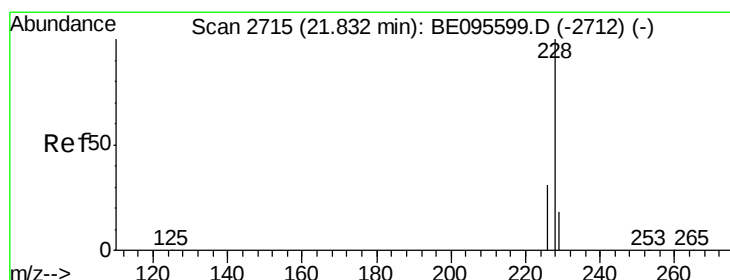
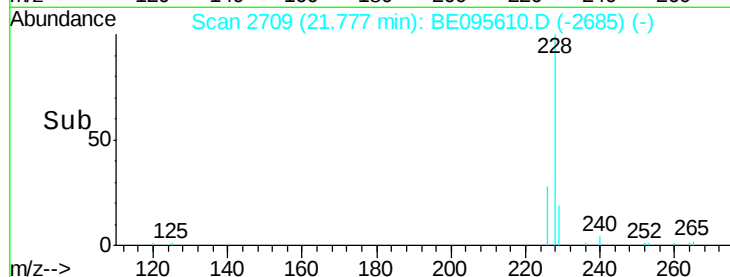
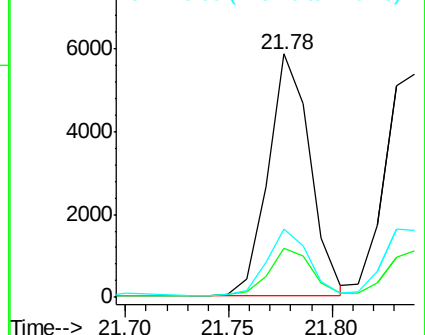
226 28.2 17.0 25.6#



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: 0.402 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.01 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

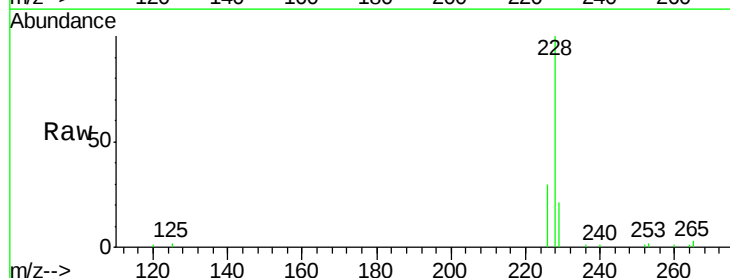
Tgt Ion:228 Resp: 8103

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

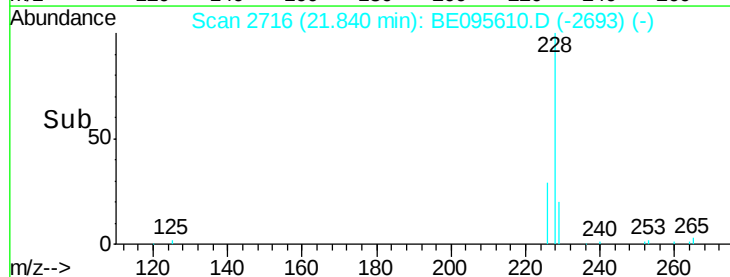
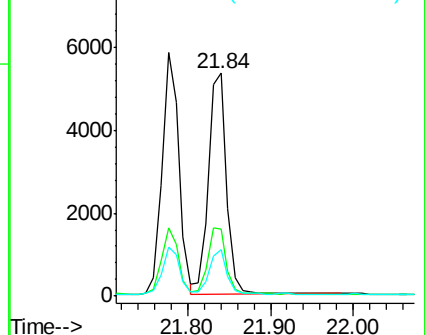
229 20.7 17.7 26.5

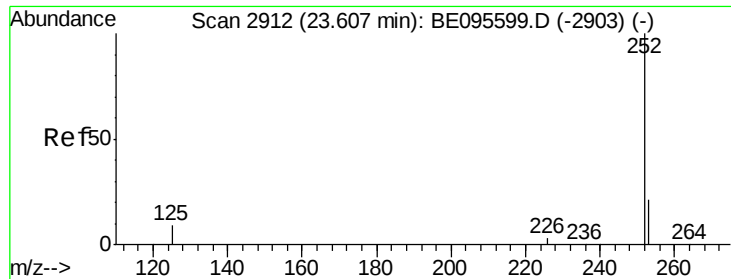


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

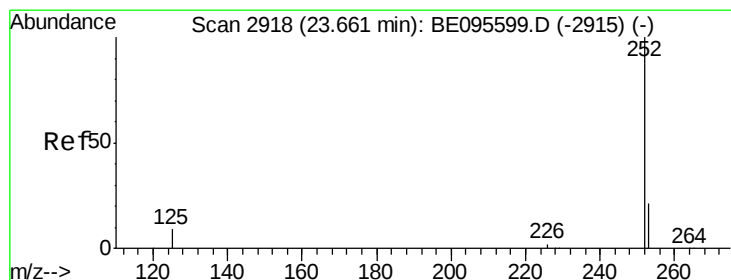
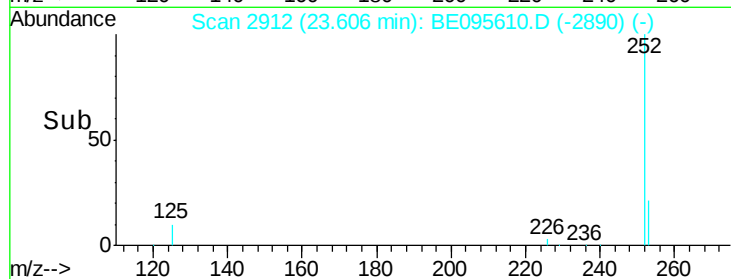
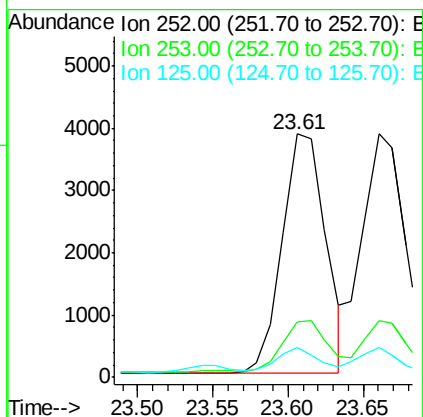
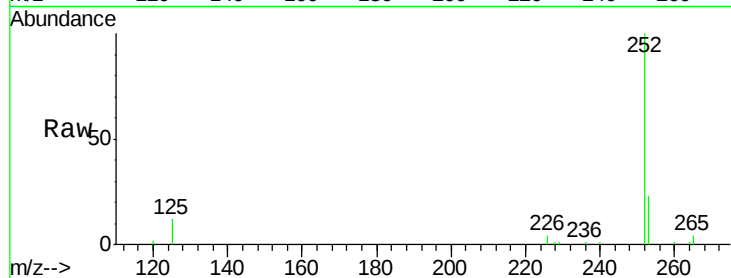




#21
Benzo(b)fluoranthene
Concen: 0.374 ng/ul
RT: 23.61 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BE095610.D
Acq: 9 Feb 2018 16:35

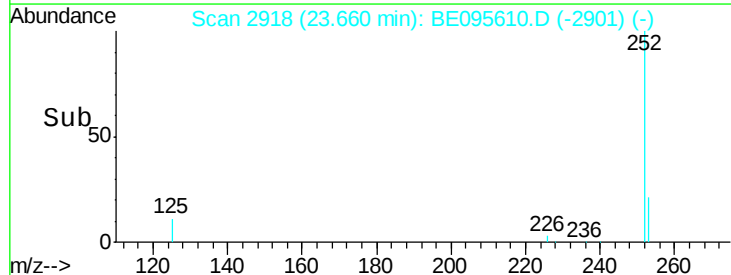
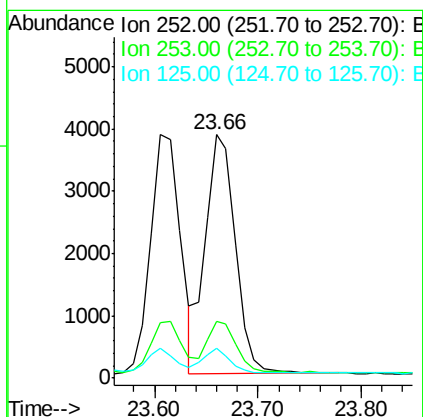
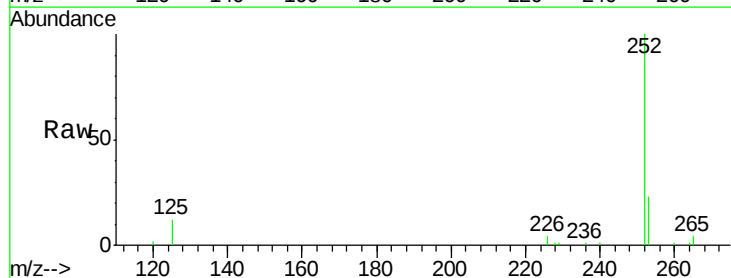
Instrument :
BNA_E
ClientSampleId :

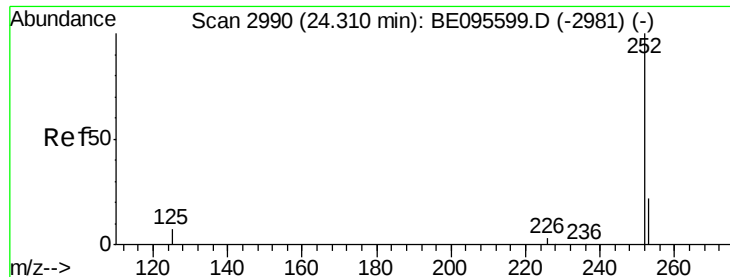
Tot Ion:252 Resp: 7732
Ion Ratio Lower Upper
252 100
253 23.0 0.0 64.2
125 12.1 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 23.66 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BE095610.D
Acq: 9 Feb 2018 16:35

Tgt Ion:252 Resp: 7748
Ion Ratio Lower Upper
252 100
253 23.4 24.5 36.7#
125 12.4 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 24.31 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

Instrument :

BNA_E

ClientSampleId :

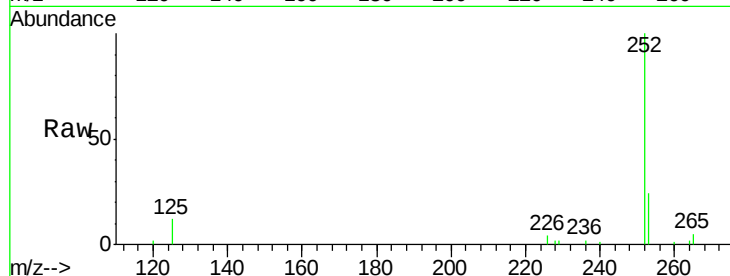
Tot Ion:252 Resp: 7460

Ion Ratio Lower Upper

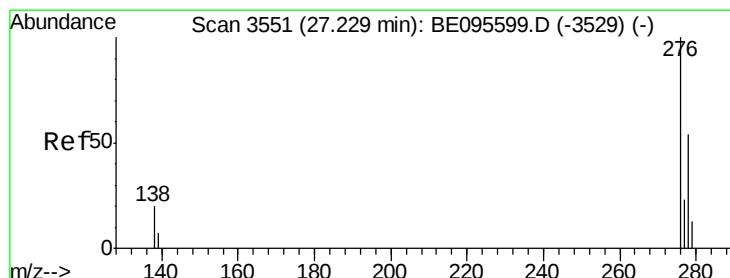
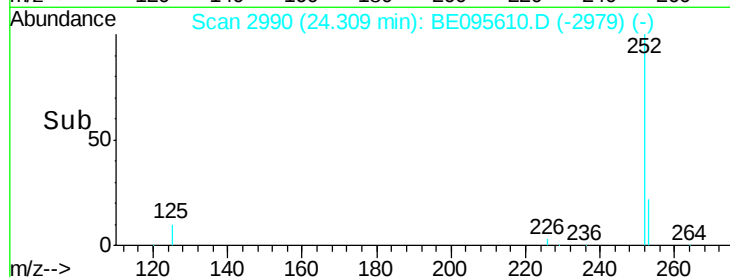
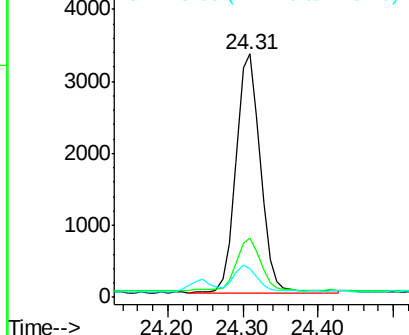
252 100

253 24.3 28.5 42.7#

125 12.0 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: 0.414 ng/ul

RT: 27.23 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BE095610.D

Acq: 9 Feb 2018 16:35

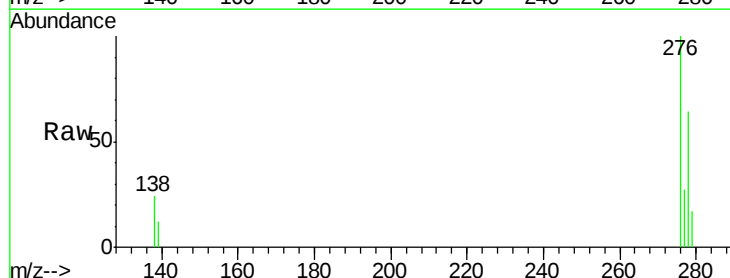
Tgt Ion:276 Resp: 8384

Ion Ratio Lower Upper

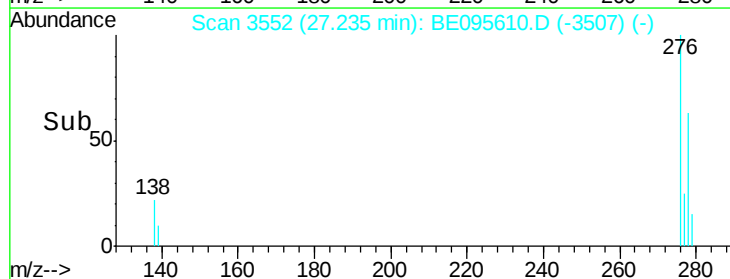
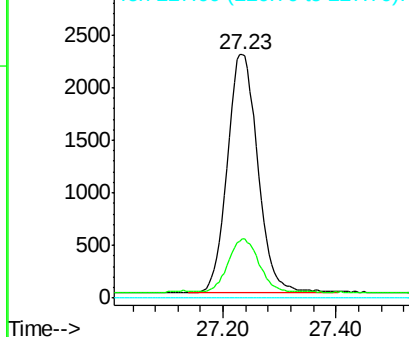
276 100

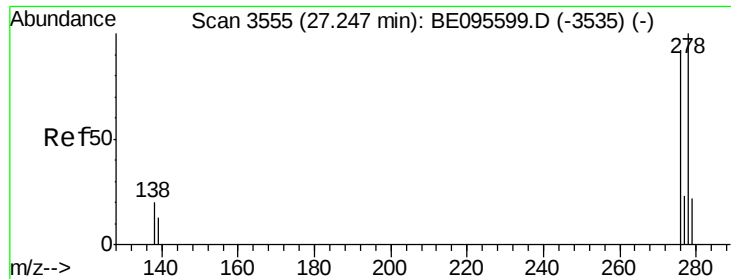
138 22.2 28.0 42.0#

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

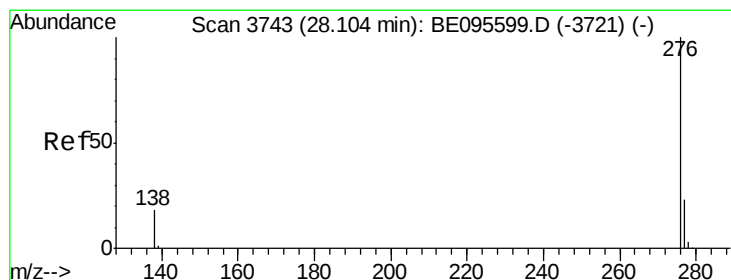
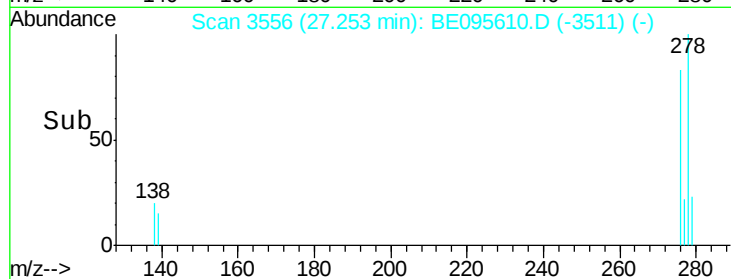
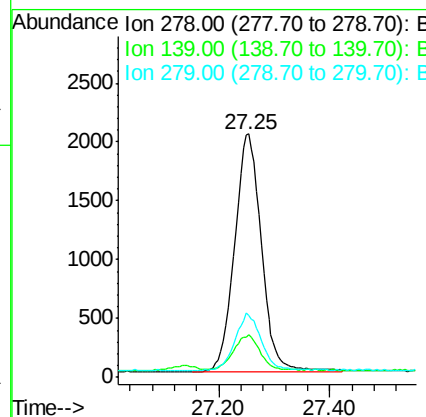
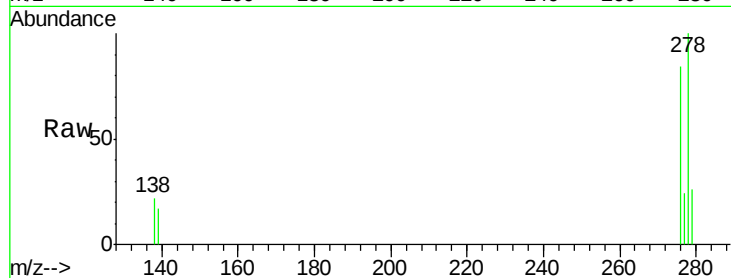




#25
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BE095610.D
Acq: 9 Feb 2018 16:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6809
Ion Ratio Lower Upper
278 100
139 17.3 17.4 26.0#
279 25.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.408 ng/ul
RT: 28.11 min Scan# 3744
Delta R.T. 0.01 min
Lab File: BE095610.D
Acq: 9 Feb 2018 16:35

Tgt Ion:276 Resp: 7002
Ion Ratio Lower Upper
276 100
138 21.9 21.8 32.8
277 25.9 20.5 30.7

