

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040918\
 Data File : BE095966.D
 Acq On : 9 Apr 2018 15:55
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 10 03:48:06 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 10 03:47:21 2018
 Response via : Initial Calibration

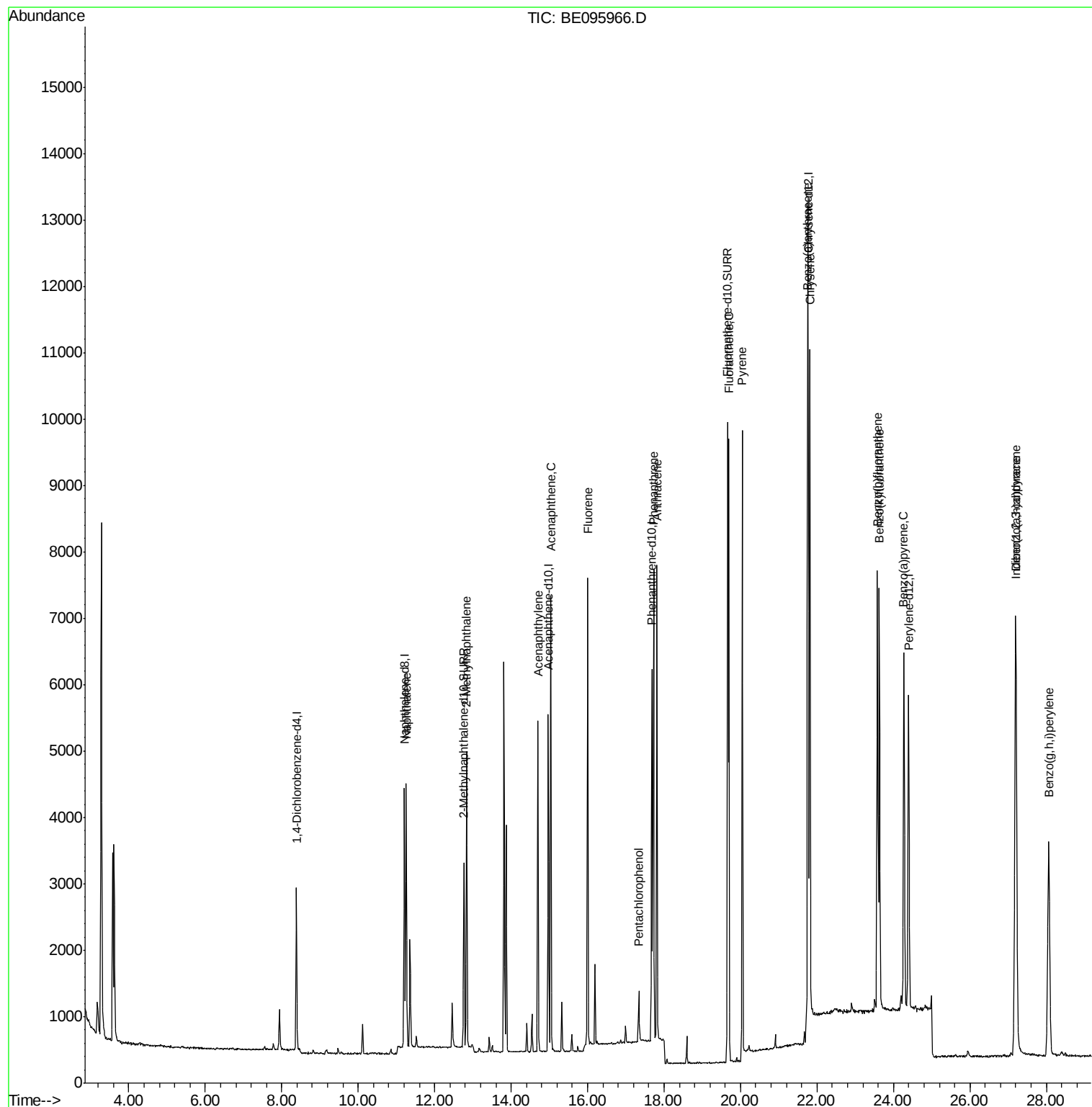
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1936	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5000	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2744	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6640	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8896	0.40	ng/ul	0.00
20) Perylene-d12	24.40	264	7232	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3639	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	10507	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	5474	0.392	ng/ul#	89
5) 2-Methylnaphthalene	12.83	142	3715	0.392	ng/ul	100
7) Acenaphthylene	14.70	152	5644	0.397	ng/ul	98
8) Acenaphthene	15.04	153	4029	0.395	ng/ul	95
9) Fluorene	16.00	166	4538	0.394	ng/ul	91
11) Pentachlorophenol	17.34	266	418	0.297	ng/ul	95
12) Phenanthrene	17.73	178	7703	0.394	ng/ul#	89
13) Anthracene	17.81	178	7663	0.393	ng/ul#	91
15) Fluoranthene	19.69	202	10332	0.388	ng/ul	85
17) Pyrene	20.04	202	11703	0.387	ng/ul#	81
18) Benzo(a)anthracene	21.75	228	13934	0.388	ng/ul#	84
19) Chrysene	21.82	228	9677	0.374	ng/ul	97
21) Benzo(b)fluoranthene	23.58	252	9726	0.416	ng/ul	85
22) Benzo(k)fluoranthene	23.63	252	8946	0.384	ng/ul#	88
23) Benzo(a)pyrene	24.27	252	8899	0.394	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.19	276	9727	0.388	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.21	278	7935	0.393	ng/ul#	89
26) Benzo(g,h,i)perylene	28.07	276	8217	0.392	ng/ul	95

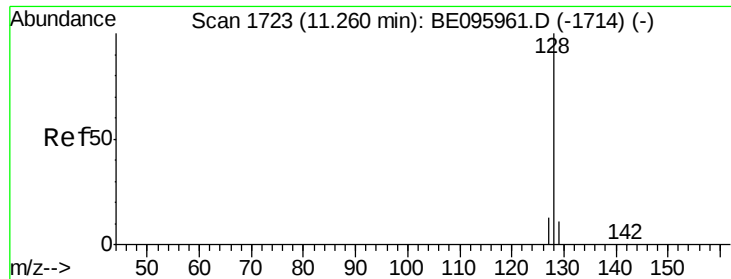
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.392 ng/ul

RT: 11.26 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampleId :

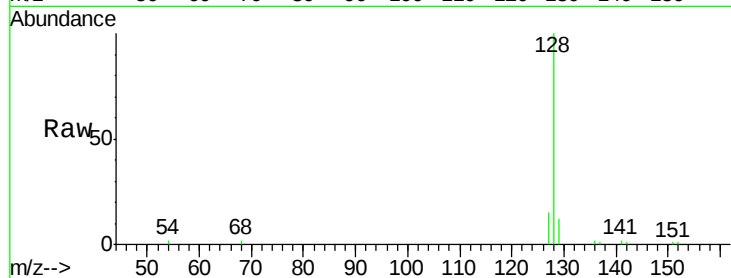
Tot Ion:128 Resp: 5474

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

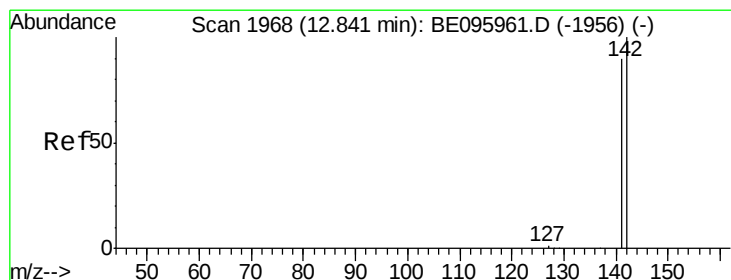
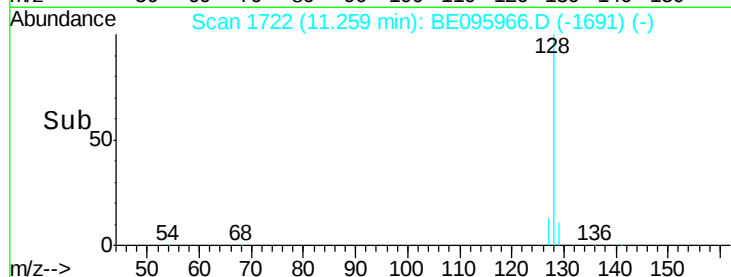
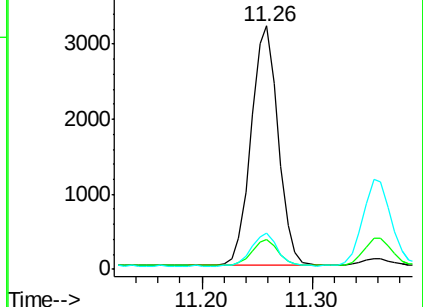
127 14.7 4.0 6.0#



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: 0.392 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BE095966.D

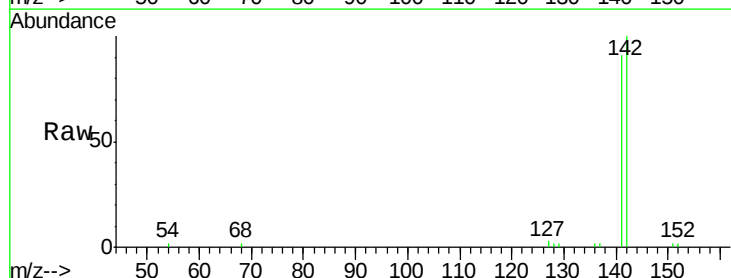
Acq: 9 Apr 2018 15:55

Tgt Ion:142 Resp: 3715

Ion Ratio Lower Upper

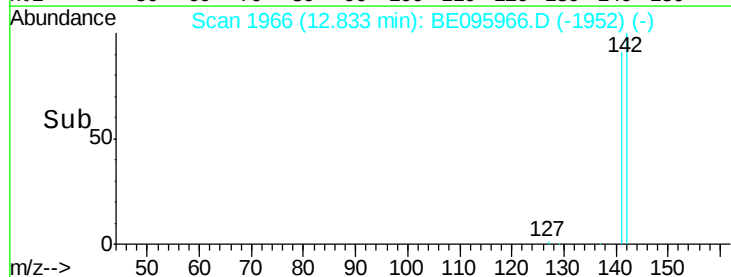
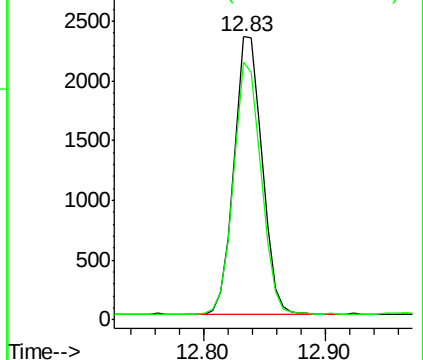
142 100

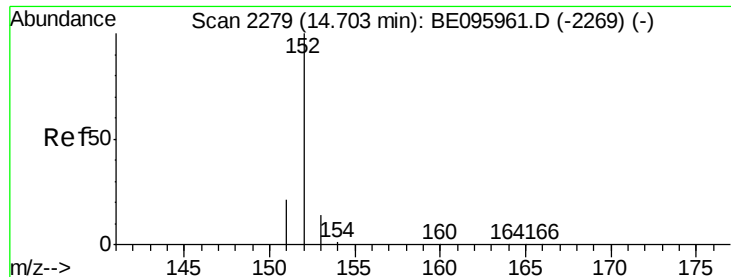
141 90.3 72.6 108.8



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: 14.70 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampleId :

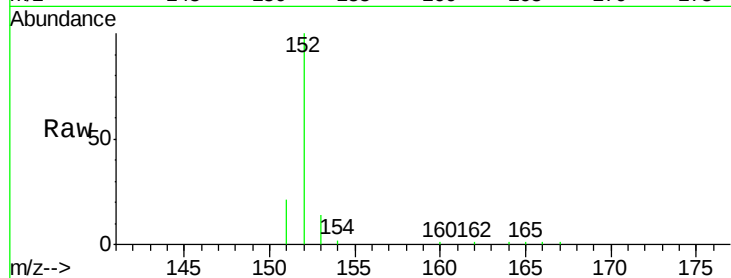
Tot Ion:152 Resp: 5644

Ion Ratio Lower Upper

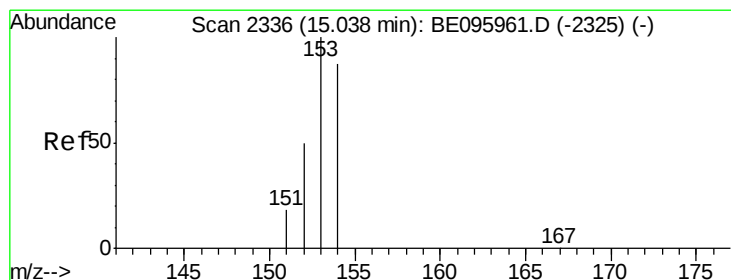
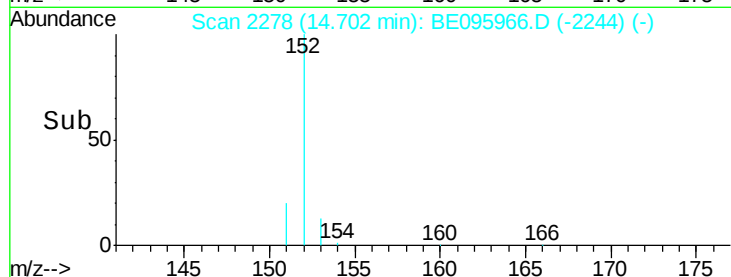
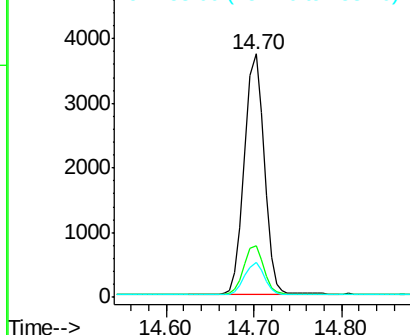
152 100

151 21.0 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: 0.395 ng/ul

RT: 15.04 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

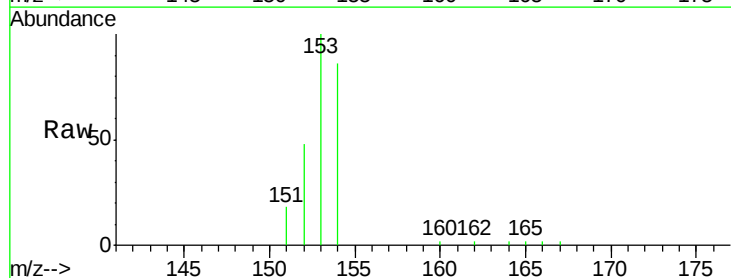
Tgt Ion:153 Resp: 4029

Ion Ratio Lower Upper

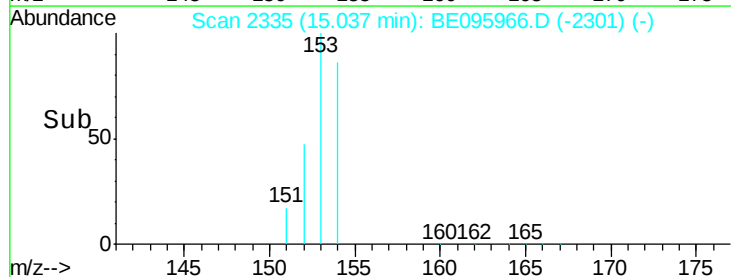
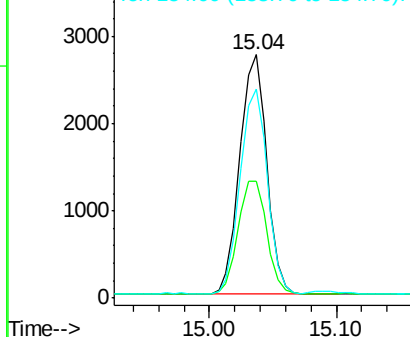
153 100

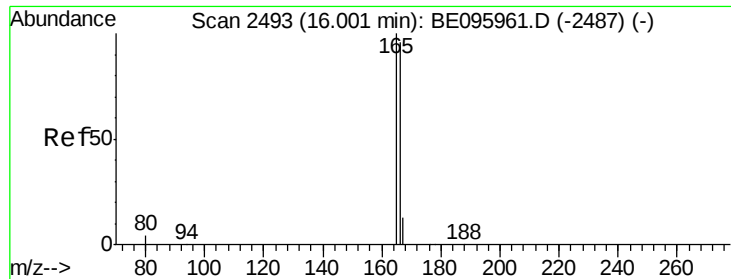
152 48.2 36.0 54.0

154 85.9 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: 0.394 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampleId :

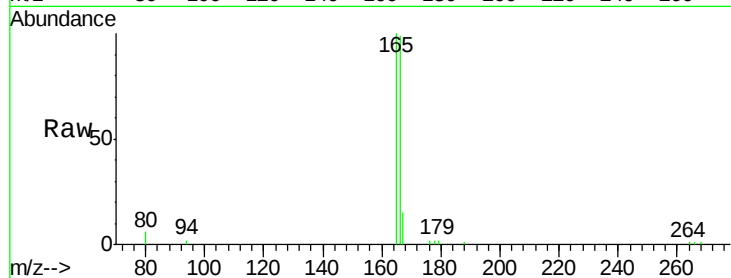
Tot Ion:166 Resp: 4538

Ion Ratio Lower Upper

166 100

165 100.7 73.4 110.2

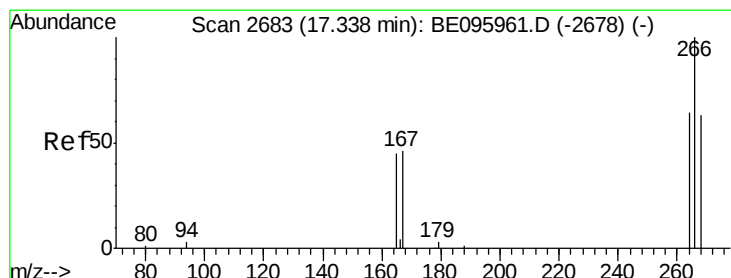
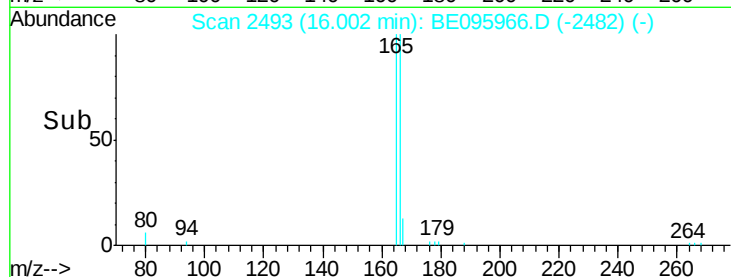
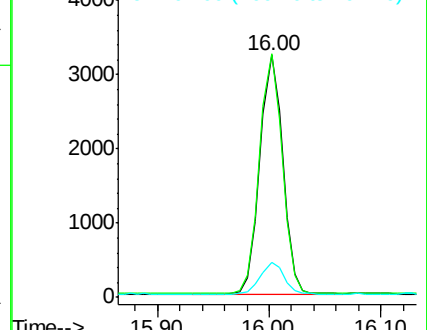
167 14.6 14.6 22.0



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: 0.297 ng/ul

RT: 17.34 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

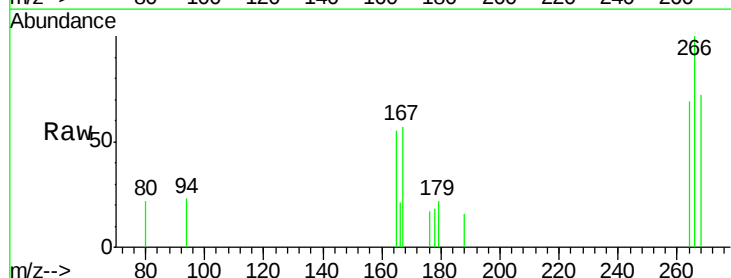
Tgt Ion:266 Resp: 418

Ion Ratio Lower Upper

266 100

264 68.2 47.9 71.9

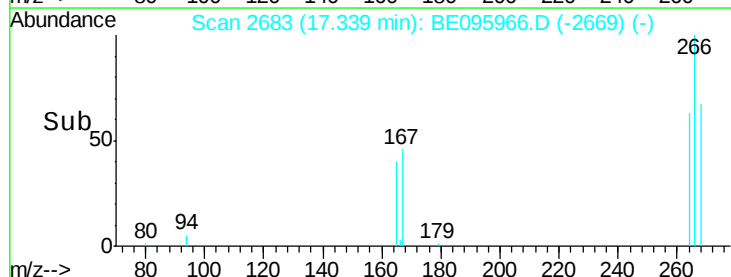
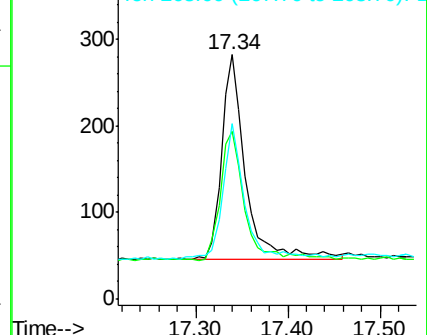
268 62.4 49.8 74.8

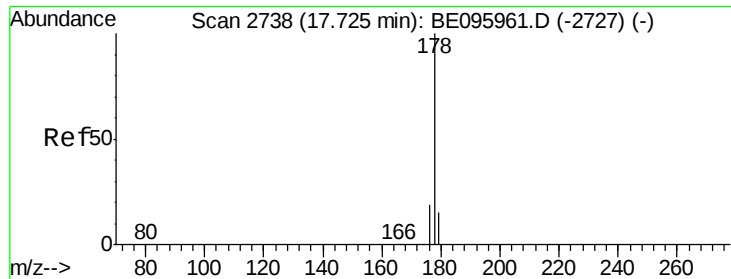


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.73 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

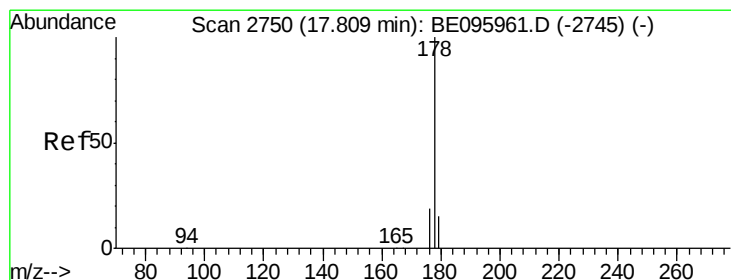
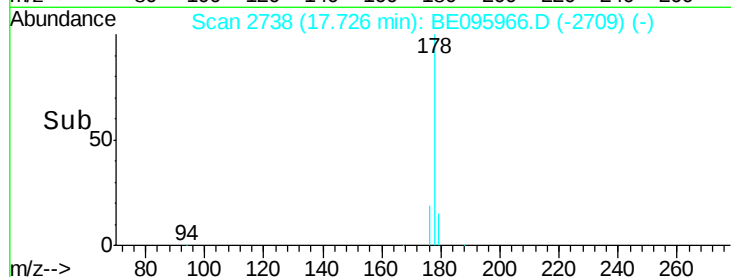
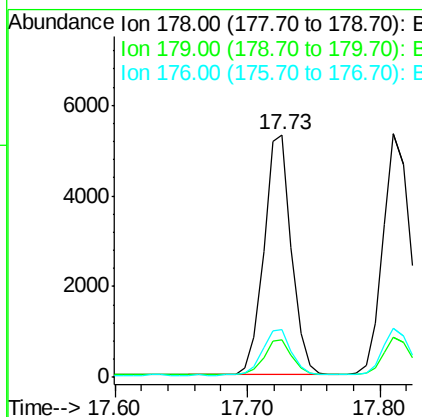
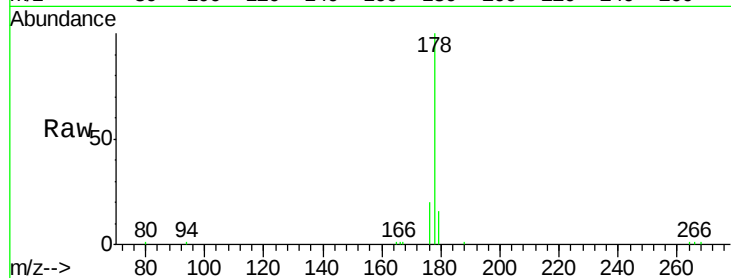
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 7703

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	19.7	13.6	20.4



#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.81 min Scan# 2750

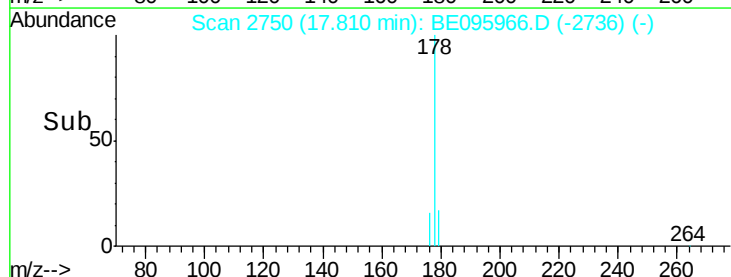
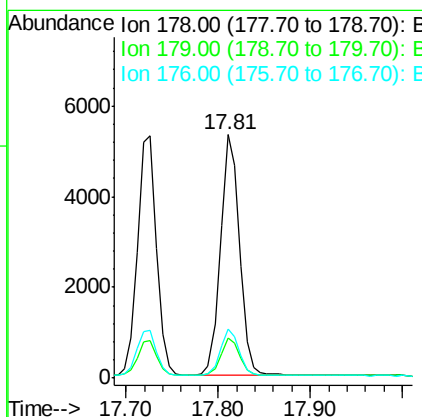
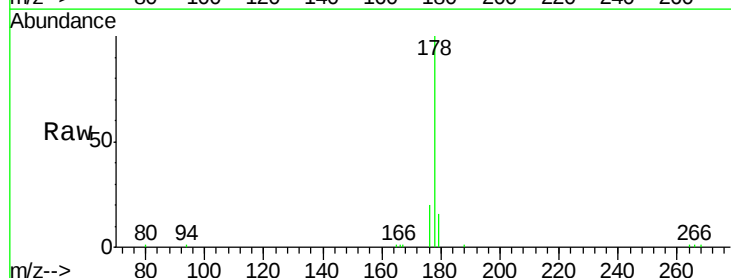
Delta R.T. 0.00 min

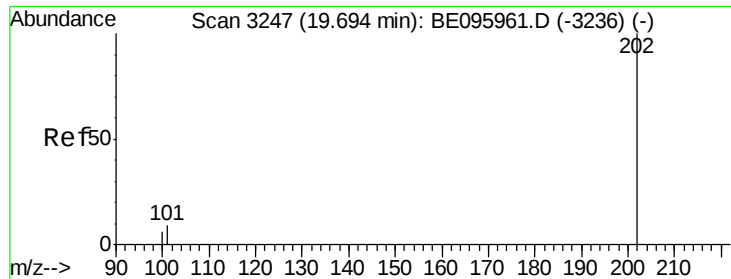
Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Tgt Ion:178 Resp: 7663

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	20.0	14.7	22.1





#15

Fluoranthene

Concen: 0.388 ng/ul

RT: 19.69 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampleId :

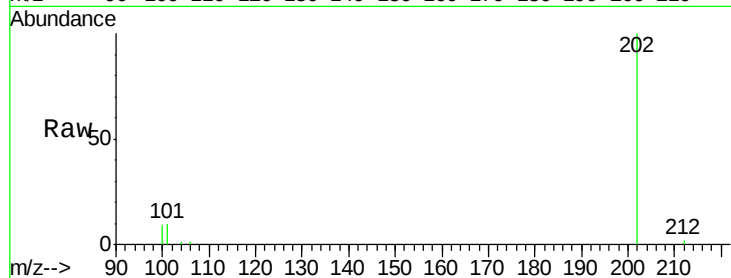
Tot Ion:202 Resp: 10332

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

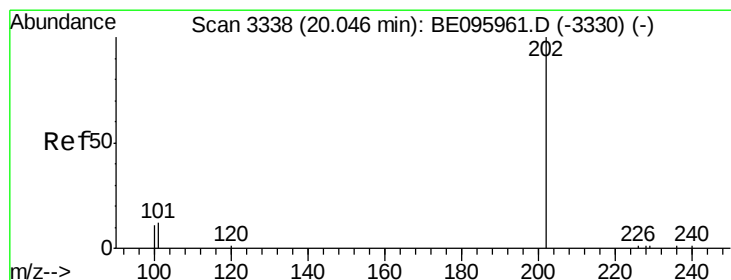
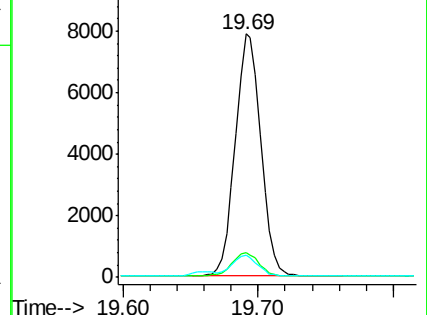
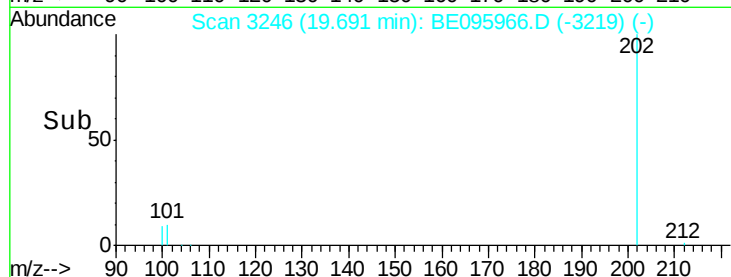
100 9.1 0.0 39.5



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: 0.387 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

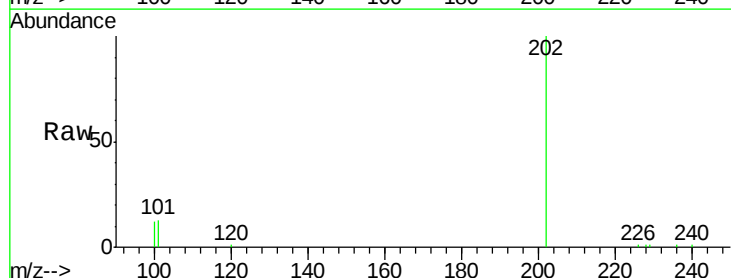
Tgt Ion:202 Resp: 11703

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

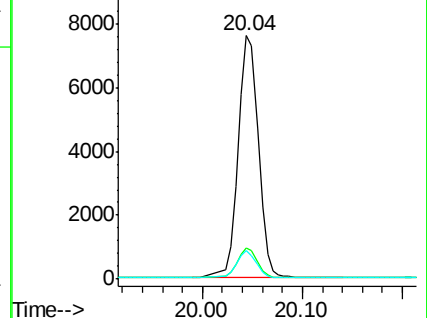
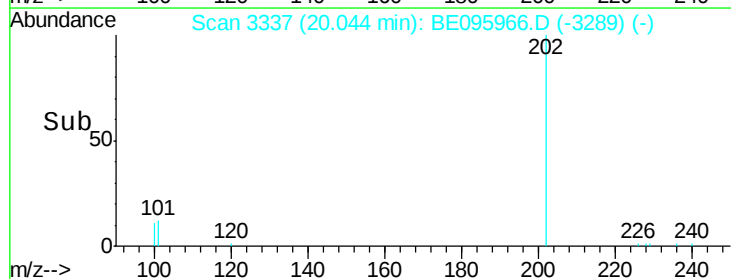
100 11.9 15.6 23.4#

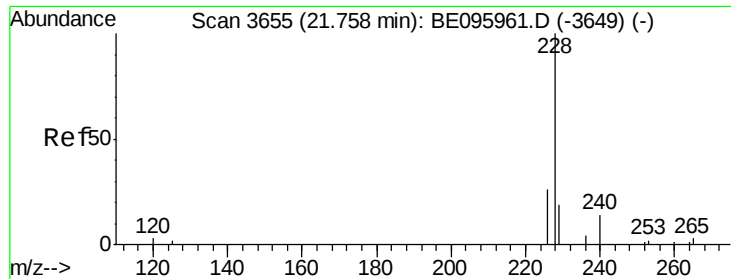


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.388 ng/ul

RT: 21.75 min Scan# 3653

Delta R.T. -0.01 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampled :

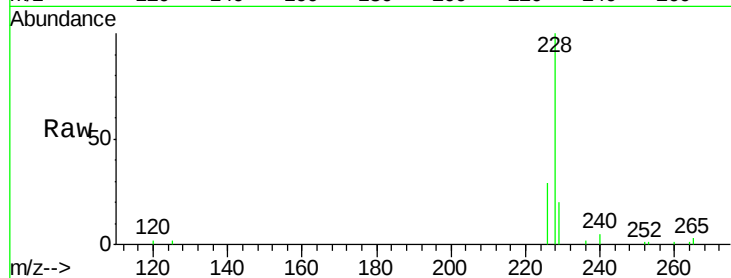
Tot Ion:228 Resp: 13934

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

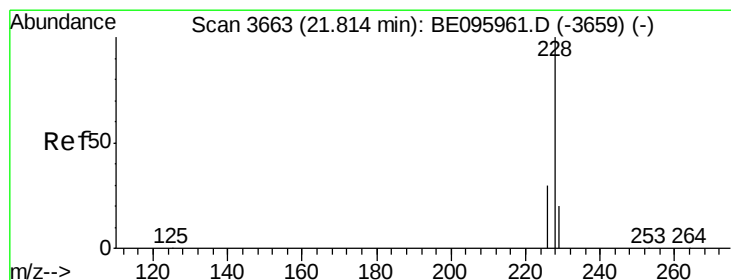
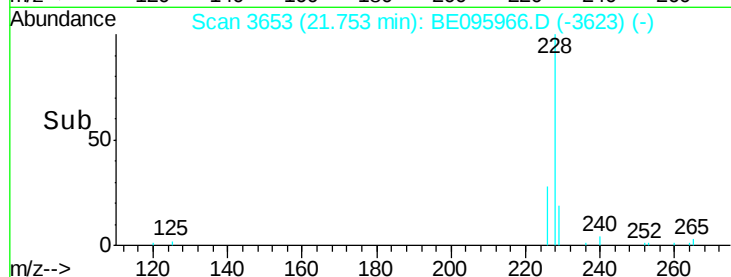
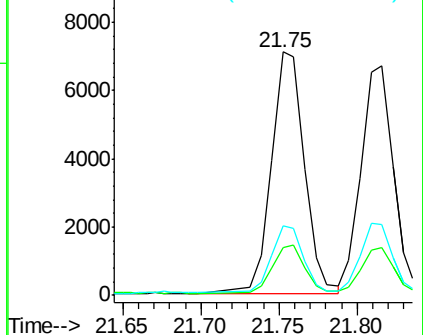
226 28.6 17.0 25.6#



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: 0.374 ng/ul

RT: 21.82 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

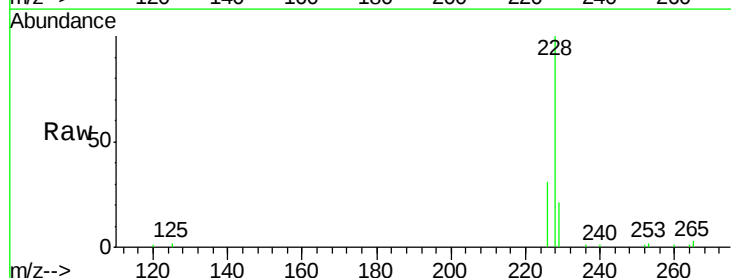
Tgt Ion:228 Resp: 9677

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

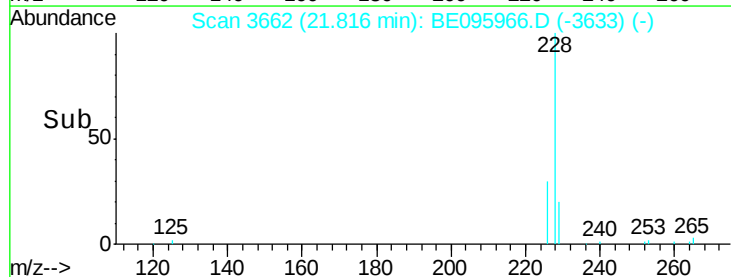
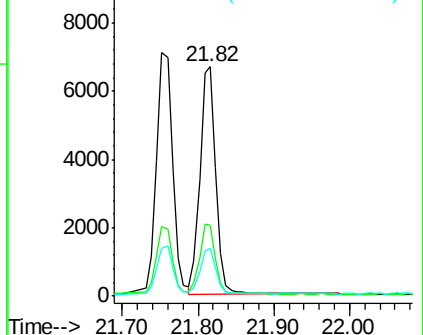
229 21.1 17.7 26.5

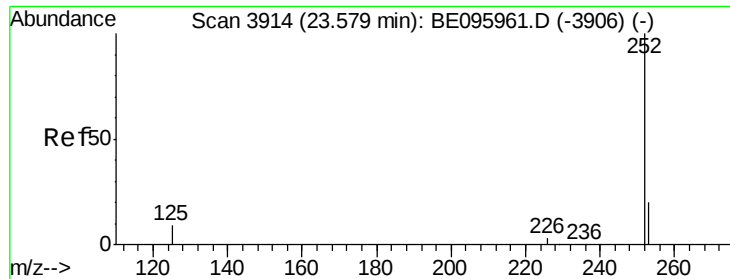


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

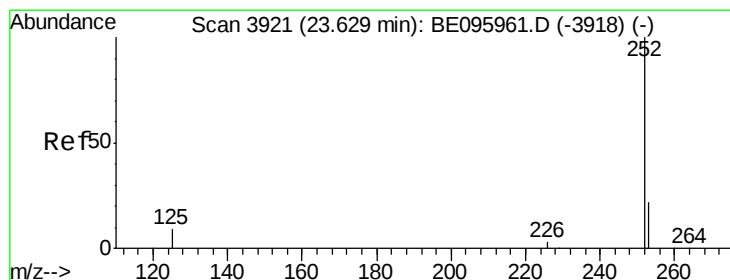
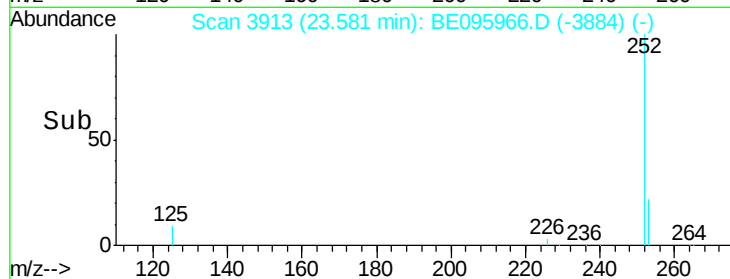
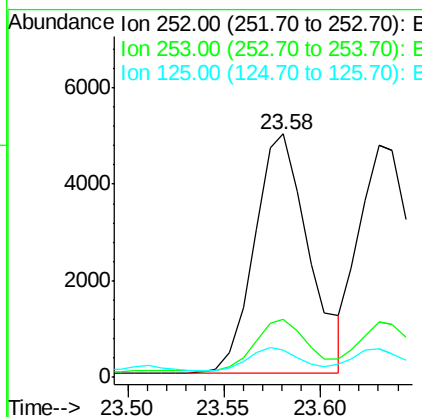
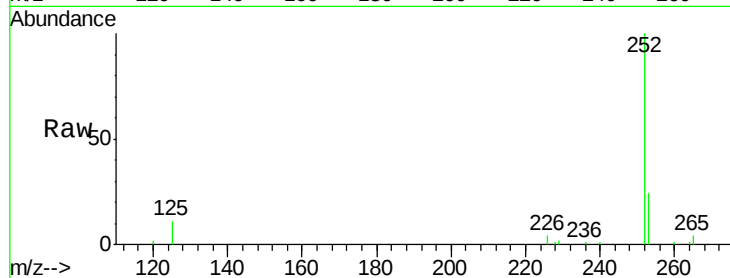




#21
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 23.58 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BE095966.D
Acq: 9 Apr 2018 15:55

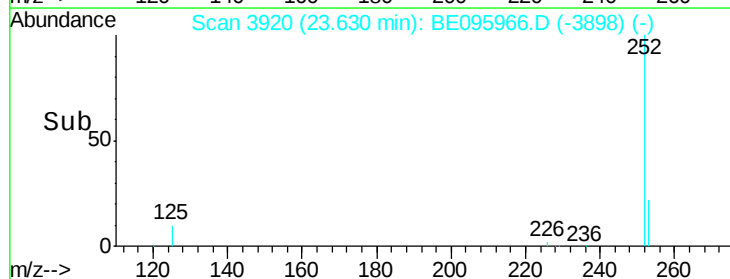
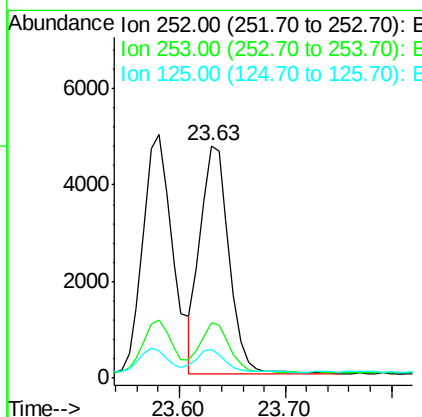
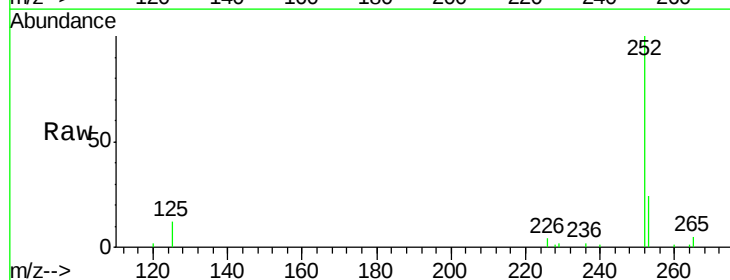
Instrument :
BNA_E
ClientSampleId :

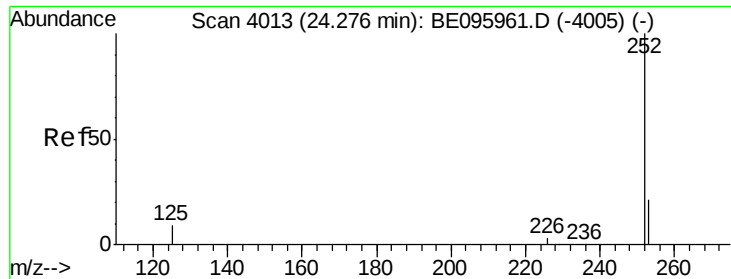
Tot Ion:252 Resp: 9726
Ion Ratio Lower Upper
252 100
253 23.9 0.0 64.2
125 11.0 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.63 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BE095966.D
Acq: 9 Apr 2018 15:55

Tgt Ion:252 Resp: 8946
Ion Ratio Lower Upper
252 100
253 23.9 24.5 36.7#
125 12.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 24.27 min Scan# 4011

Delta R.T. -0.01 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

Instrument :

BNA_E

ClientSampleId :

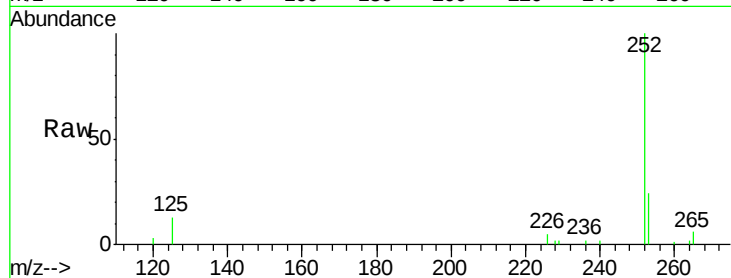
Tot Ion:252 Resp: 8899

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

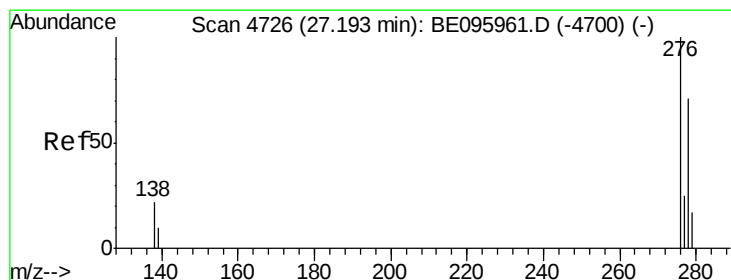
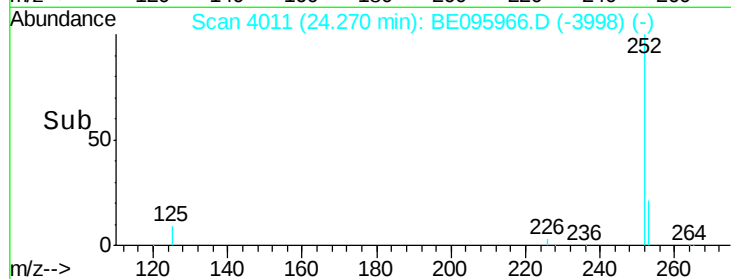
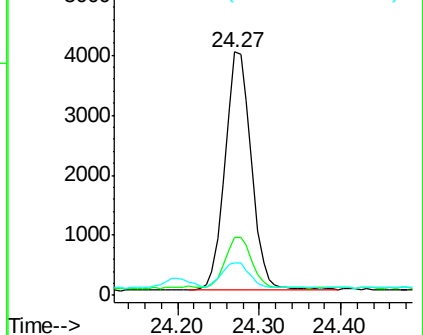
125 13.2 18.1 27.1#



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: 0.388 ng/ul

RT: 27.19 min Scan# 4723

Delta R.T. -0.01 min

Lab File: BE095966.D

Acq: 9 Apr 2018 15:55

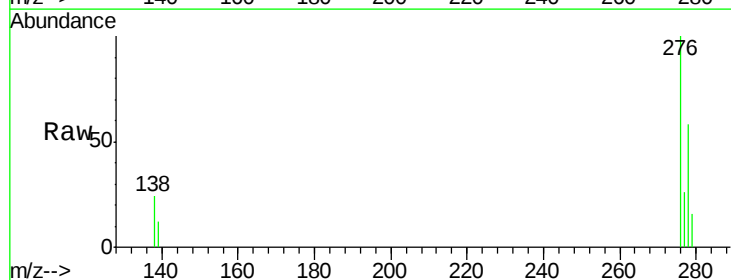
Tgt Ion:276 Resp: 9727

Ion Ratio Lower Upper

276 100

138 22.8 28.0 42.0#

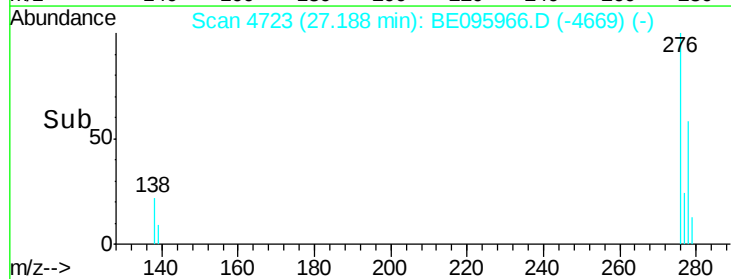
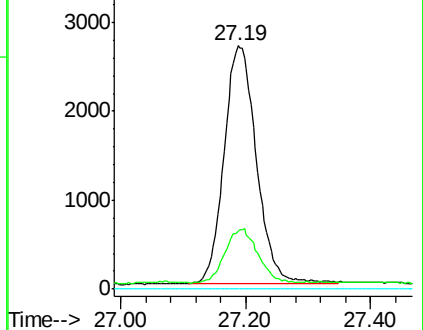
227 0.0 8.0 12.0#

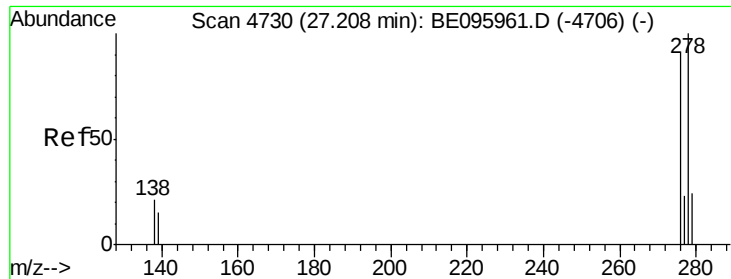


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



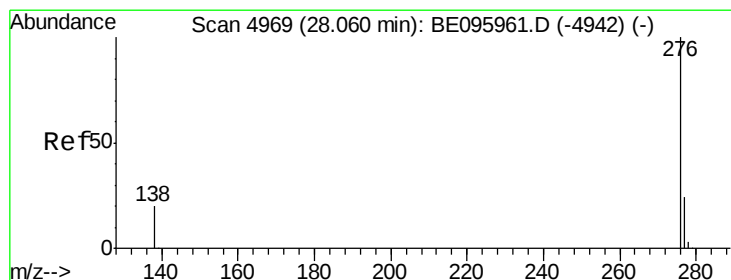
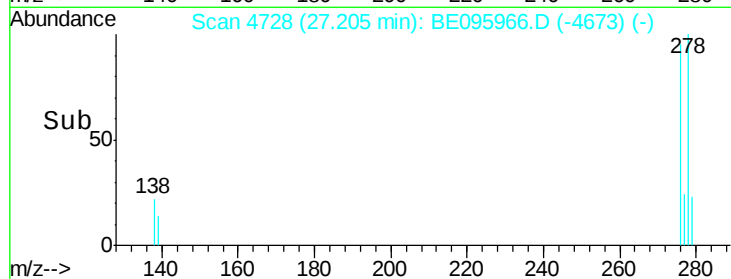
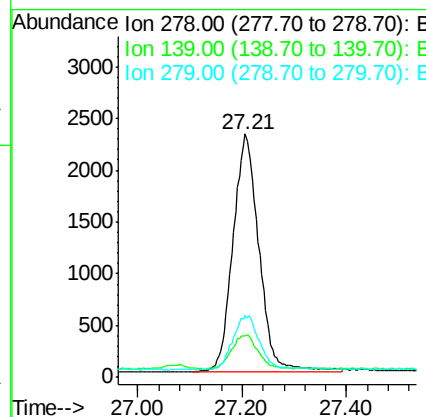
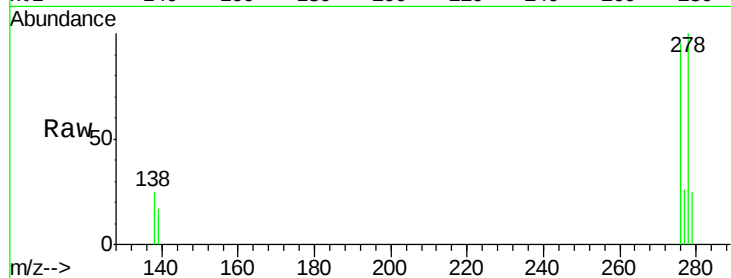


#25
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 27.21 min Scan# 4728
Delta R.T. -0.00 min
Lab File: BE095966.D
Acq: 9 Apr 2018 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7935

Ion	Ratio	Lower	Upper
278	100		
139	17.0	17.4	26.0#
279	25.4	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 28.07 min Scan# 4969
Delta R.T. 0.00 min
Lab File: BE095966.D
Acq: 9 Apr 2018 15:55

Tgt Ion:276 Resp: 8217

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.8	32.8
277	26.0	20.5	30.7

