

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020918\
 Data File : BE095650.D
 Acq On : 10 Feb 2018 17:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 12 01:59:41 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 01:48:13 2018
 Response via : Initial Calibration

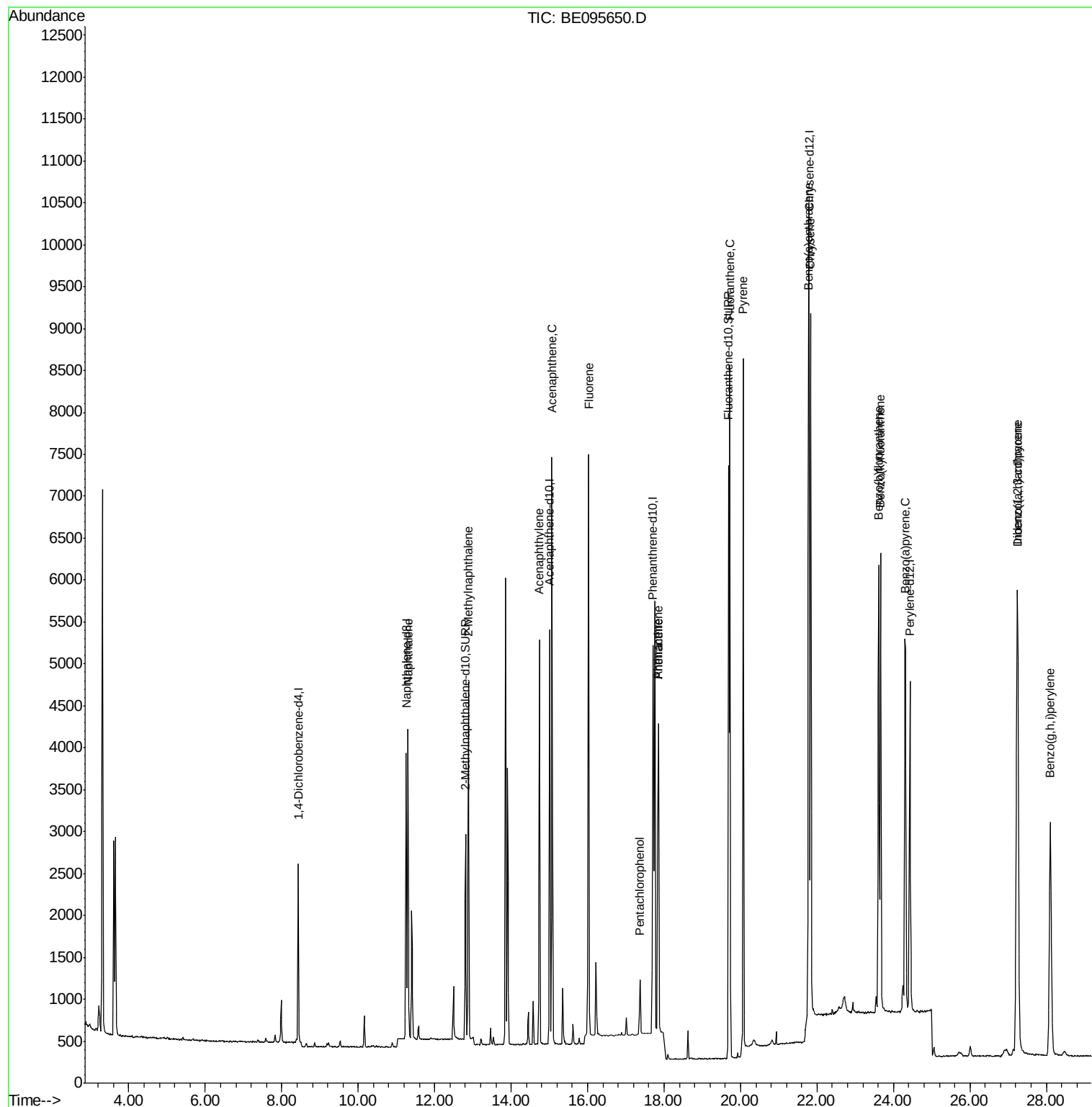
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1585	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	4467	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	2721	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6537	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	6227	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	5943	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3115	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8028	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	5100	0.408	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	3584	0.429	ng/ul	99
7) Acenaphthylene	14.74	152	5542	0.423	ng/ul	96
8) Acenaphthene	15.07	153	4038	0.398	ng/ul	94
9) Fluorene	16.03	166	4877	0.466	ng/ul#	94
11) Pentachlorophenol	17.36	266	465	0.367	ng/ul	98
12) Phenanthrene	17.85	178	6323	0.288	ng/ul	96
13) Anthracene	17.85	178	6340	0.315	ng/ul	95
15) Fluoranthene	19.72	202	9053	0.318	ng/ul	83
17) Pyrene	20.07	202	9722	0.465	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	9692	0.498	ng/ul#	84
19) Chrysene	21.83	228	8275	0.409	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	7990	0.381	ng/ul	85
22) Benzo(k)fluoranthene	23.66	252	7716	0.402	ng/ul#	86
23) Benzo(a)pyrene	24.30	252	7478	0.399	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.23	276	8559	0.417	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.25	278	6919	0.412	ng/ul#	89
26) Benzo(g,h,i)perylene	28.10	276	7149	0.411	ng/ul	95

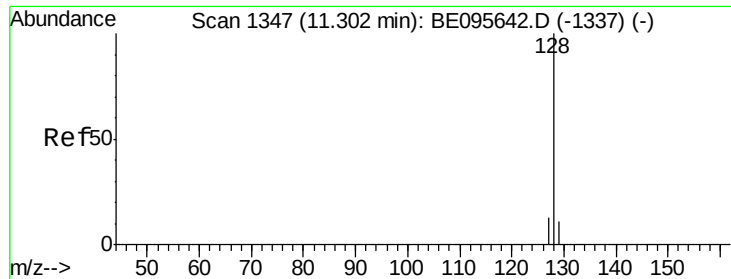
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.408 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

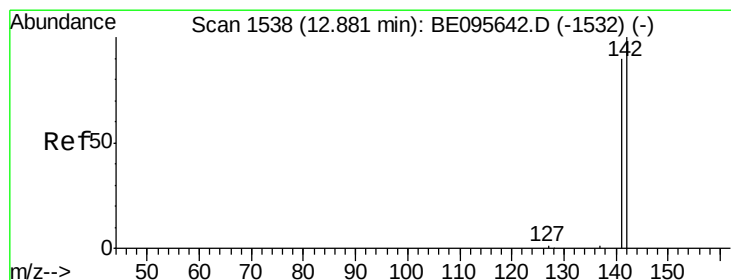
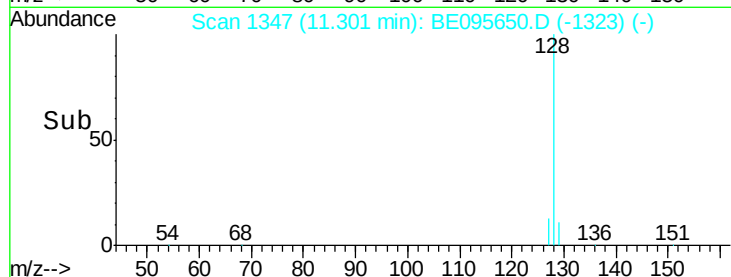
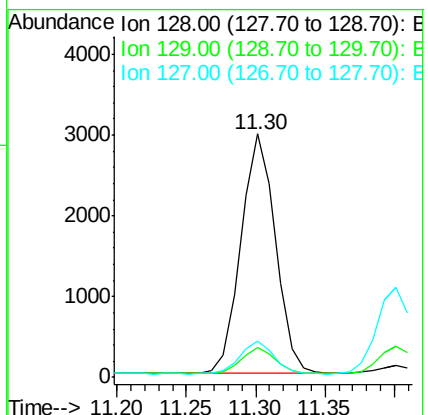
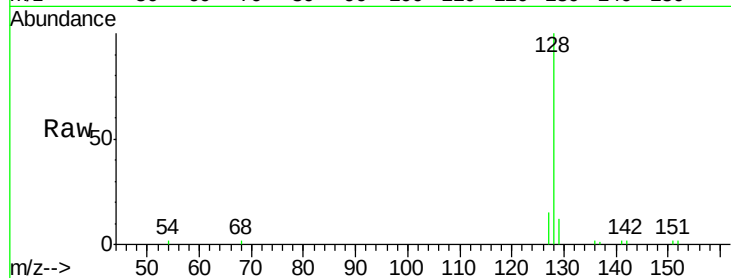
Tot Ion:128 Resp: 5100

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

127 14.8 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.429 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BE095650.D

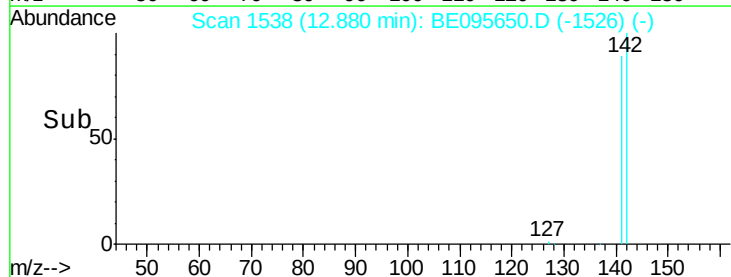
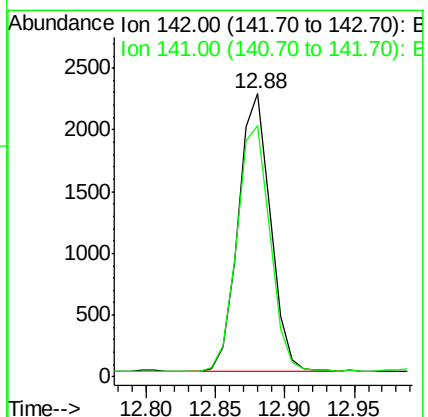
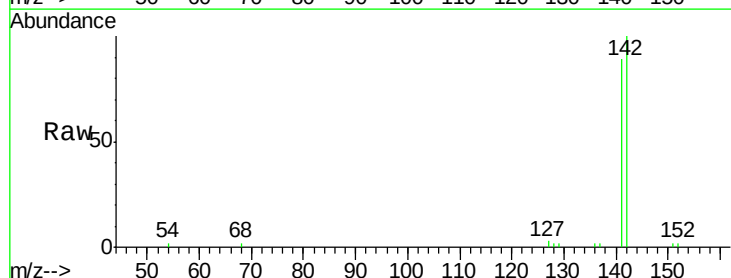
Acq: 10 Feb 2018 17:16

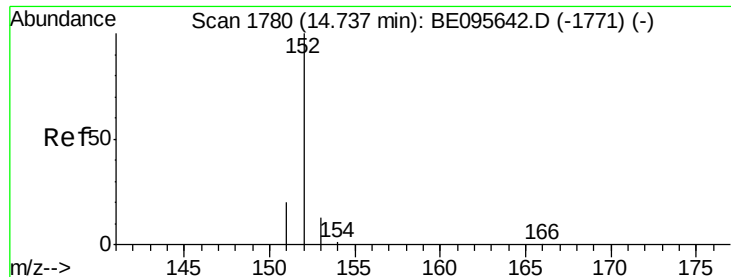
Tgt Ion:142 Resp: 3584

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.423 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

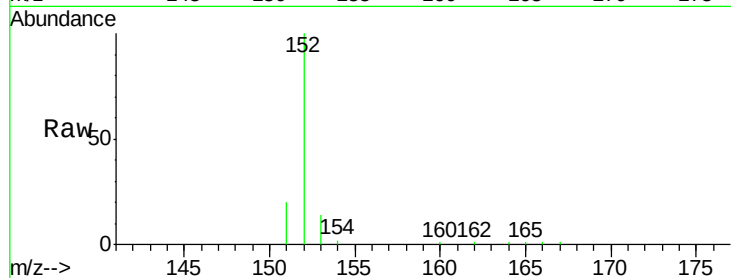
Tot Ion:152 Resp: 5542

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

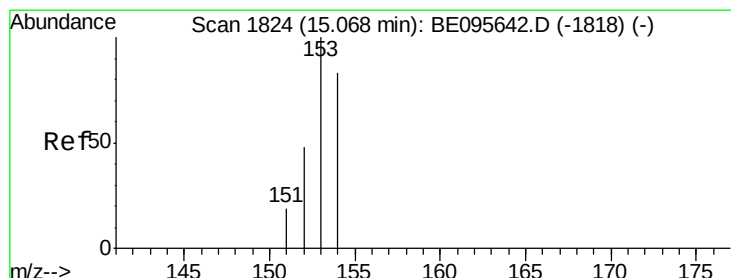
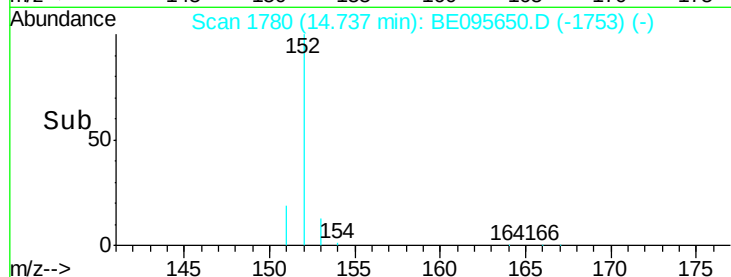
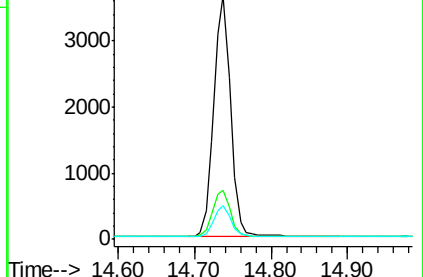
153 13.9 12.8 19.2



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: 0.398 ng/ul

RT: 15.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

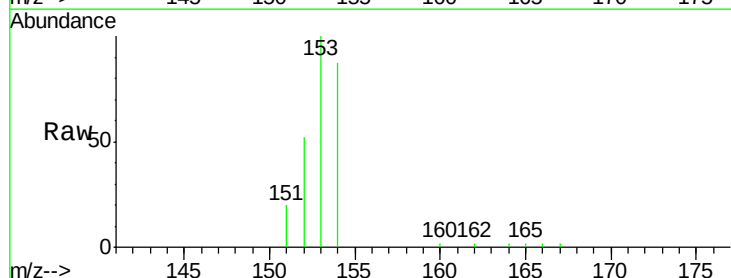
Tgt Ion:153 Resp: 4038

Ion Ratio Lower Upper

153 100

152 51.9 36.0 54.0

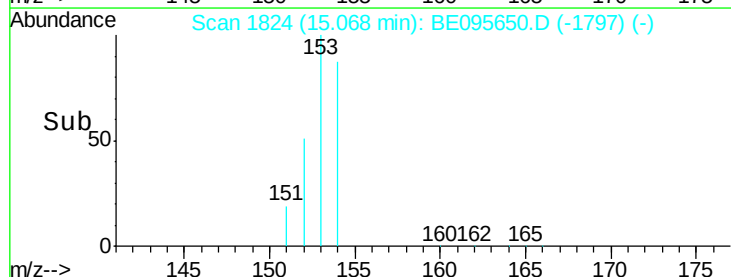
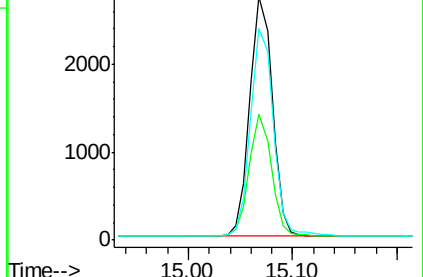
154 87.1 72.0 108.0

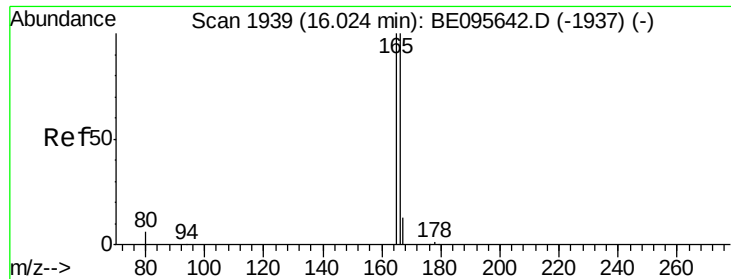


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.466 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

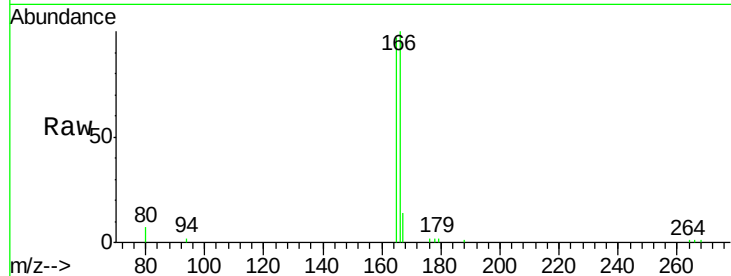
Tot Ion:166 Resp: 4877

Ion Ratio Lower Upper

166 100

165 96.8 73.4 110.2

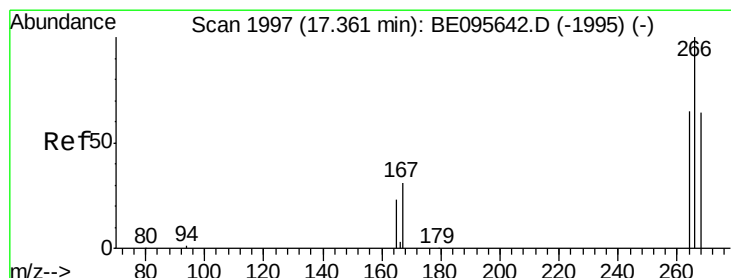
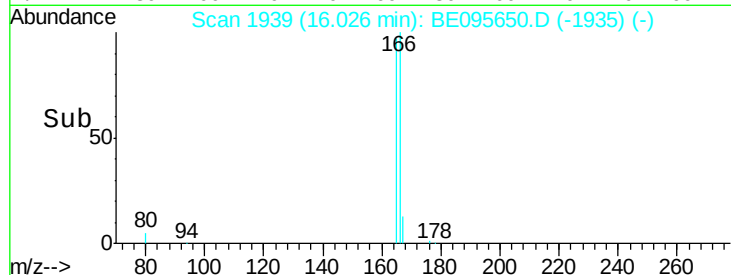
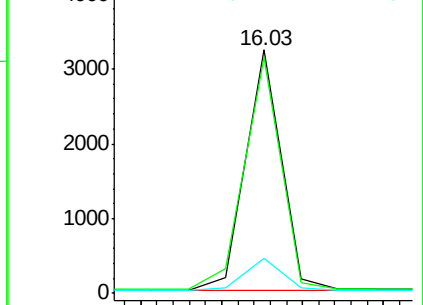
167 14.4 14.6 22.0#



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: 0.367 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

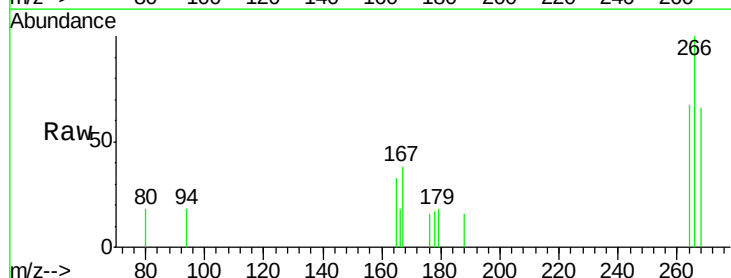
Tgt Ion:266 Resp: 465

Ion Ratio Lower Upper

266 100

264 62.4 47.9 71.9

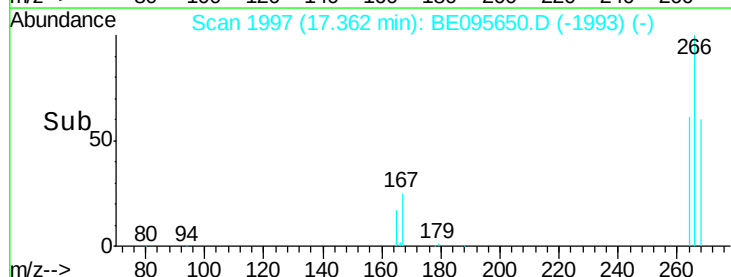
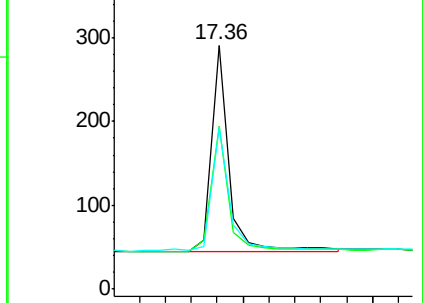
268 61.3 49.8 74.8

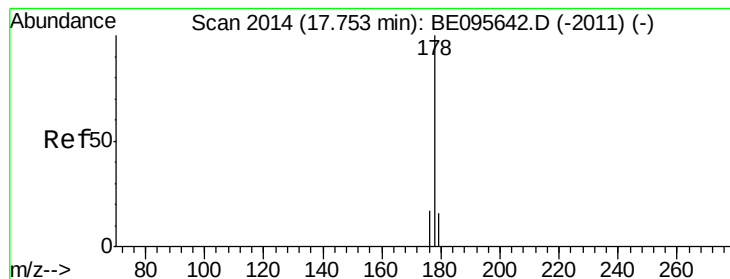


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.288 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.09 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

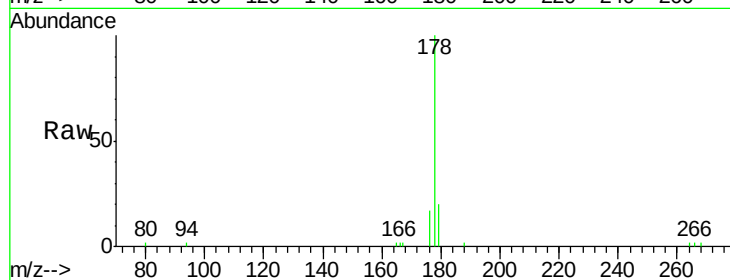
Tot Ion:178 Resp: 6323

Ion Ratio Lower Upper

178 100

179 19.8 18.4 27.6

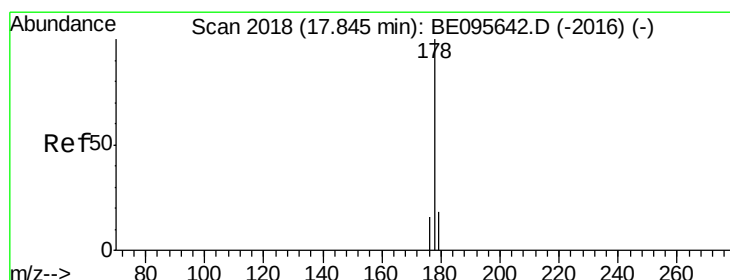
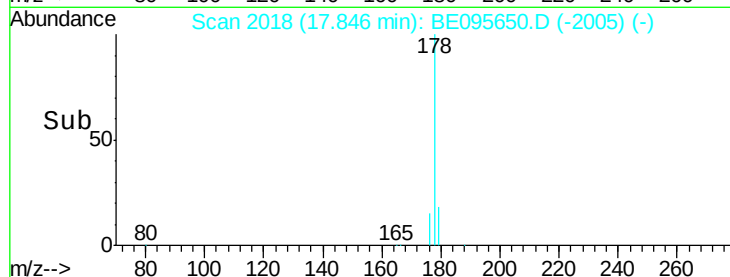
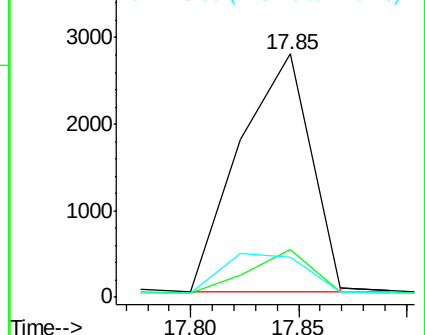
176 16.6 13.6 20.4



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: 0.315 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

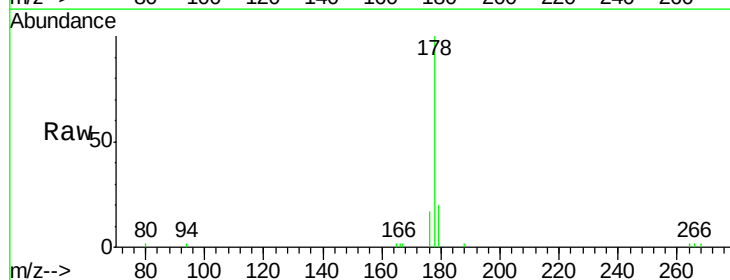
Tgt Ion:178 Resp: 6340

Ion Ratio Lower Upper

178 100

179 19.8 18.1 27.1

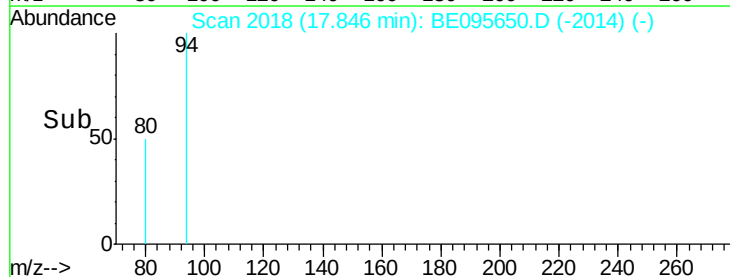
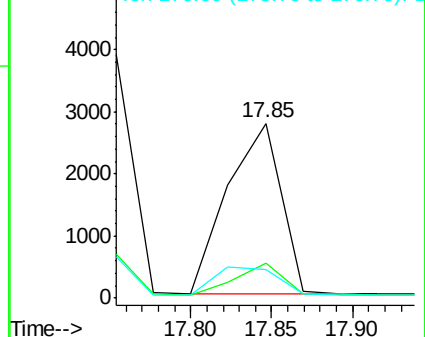
176 16.6 14.7 22.1

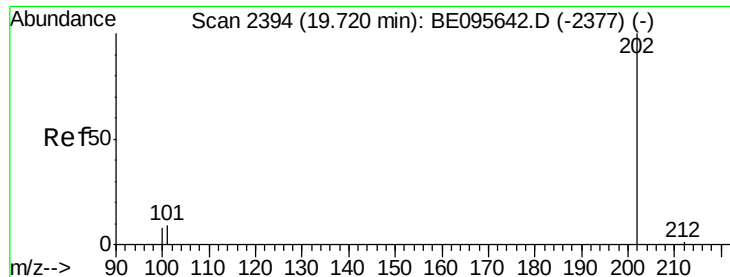


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

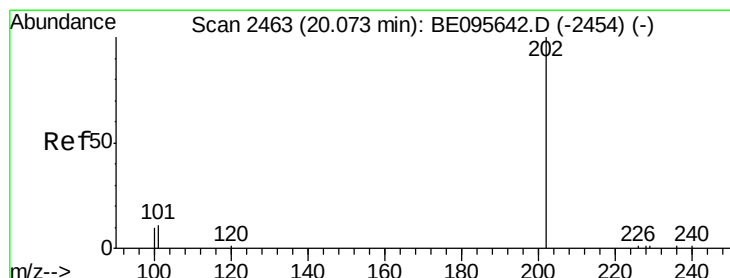
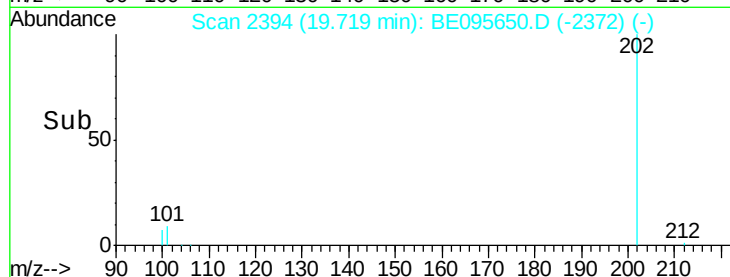
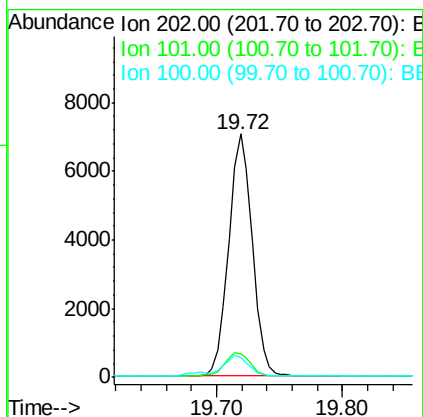
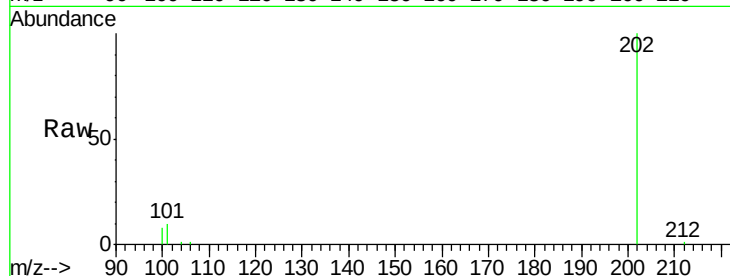




#15
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.72 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

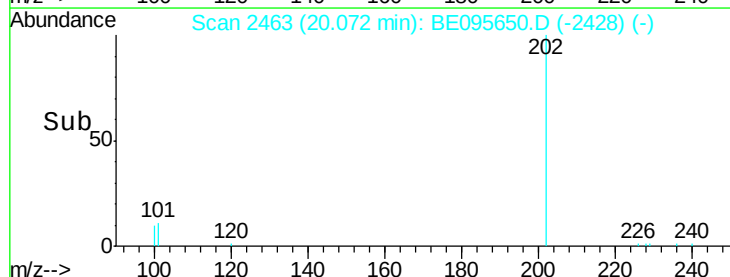
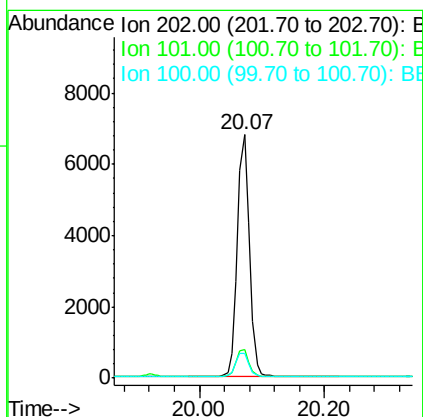
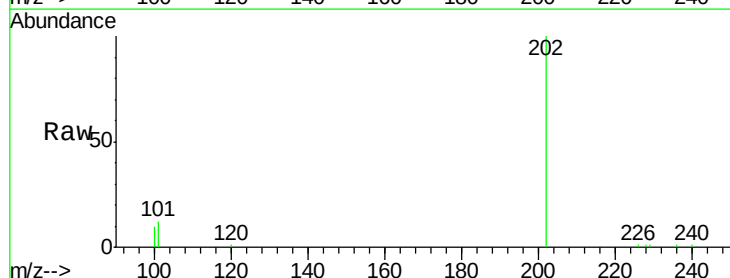
Instrument :
BNA_E
ClientSampleId :

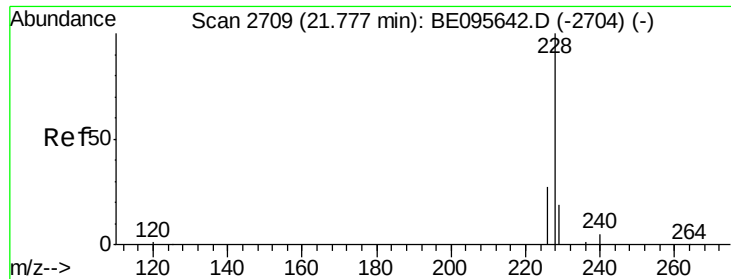
Tot Ion:202 Resp: 9053
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.3
100 8.1 0.0 39.5



#17
Pyrene
Concen: 0.465 ng/ul
RT: 20.07 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

Tgt Ion:202 Resp: 9722
Ion Ratio Lower Upper
202 100
101 11.8 18.2 27.4#
100 10.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.498 ng/ul

RT: 21.78 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

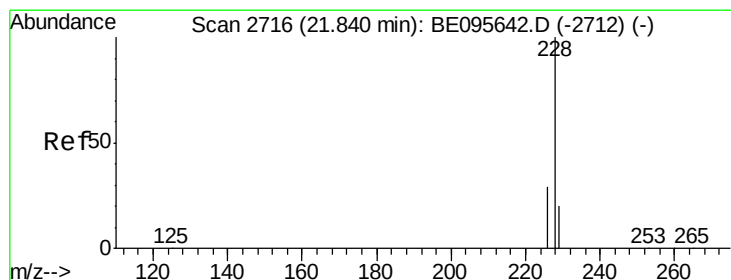
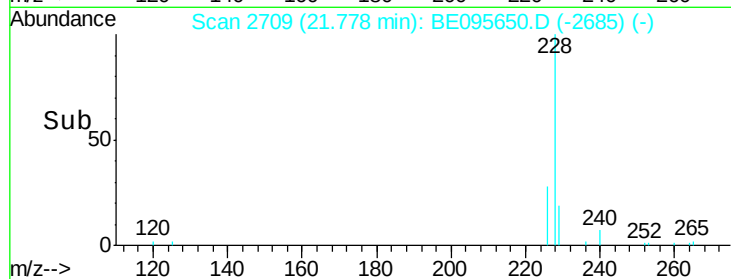
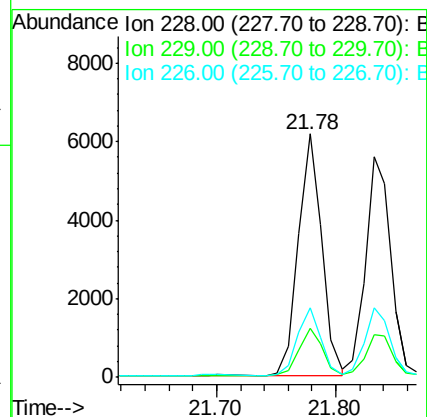
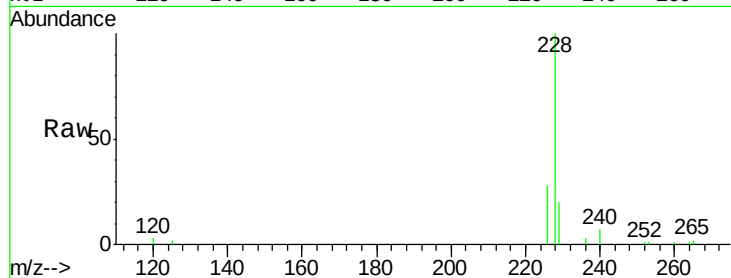
Tot Ion:228 Resp: 9692

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 0.409 ng/ul

RT: 21.83 min Scan# 2715

Delta R.T. -0.01 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

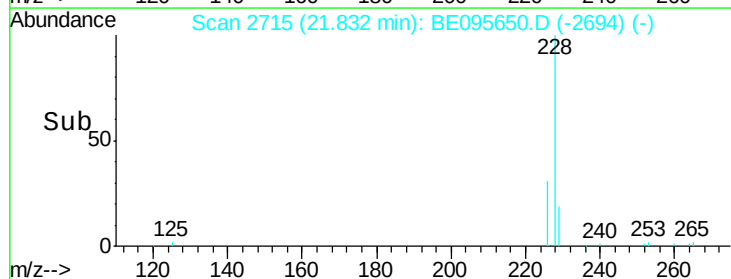
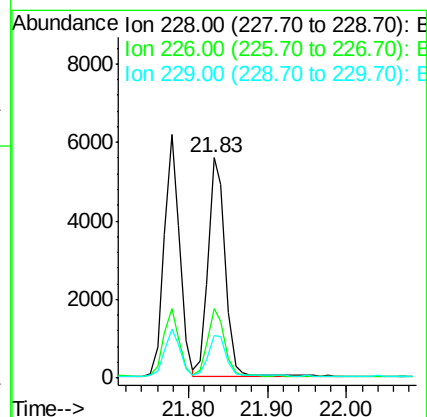
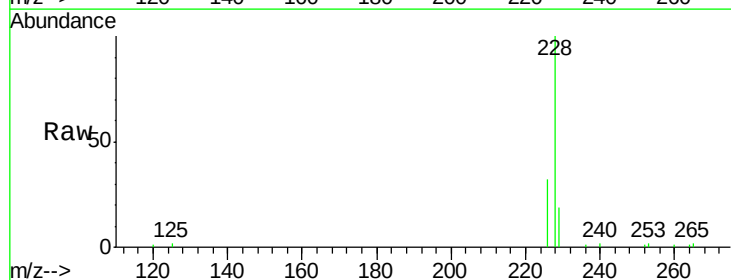
Tgt Ion:228 Resp: 8275

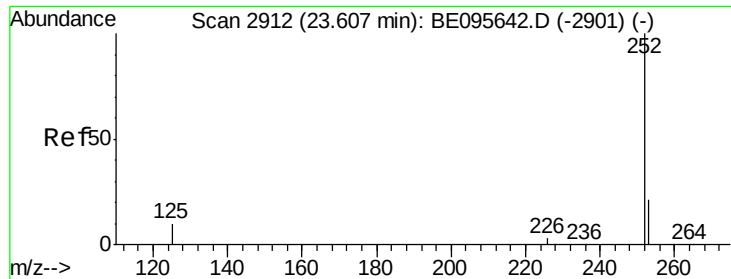
Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 19.4 17.7 26.5

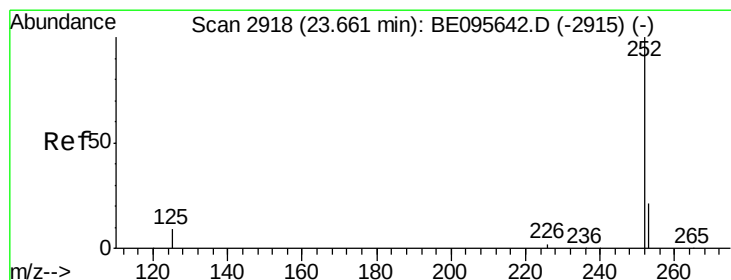
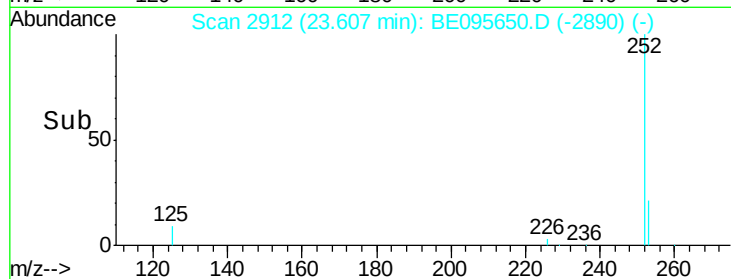
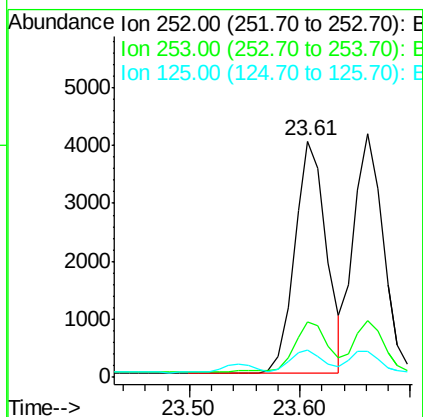
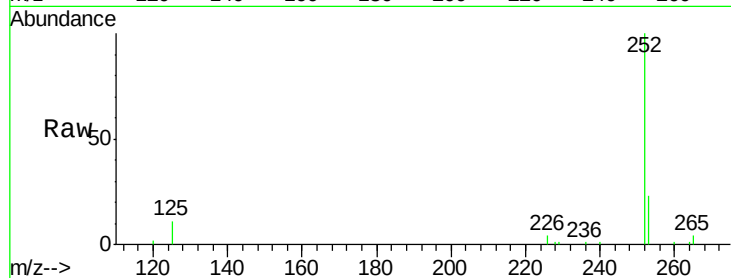




#21
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.61 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

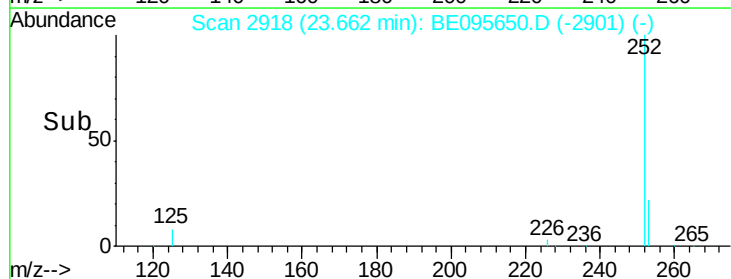
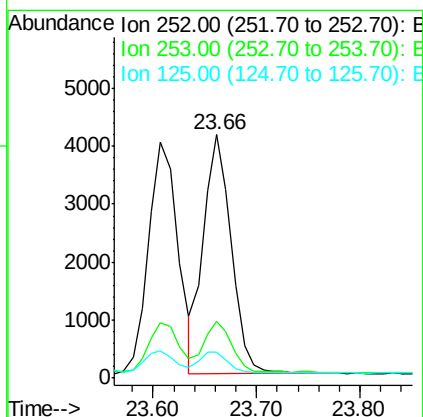
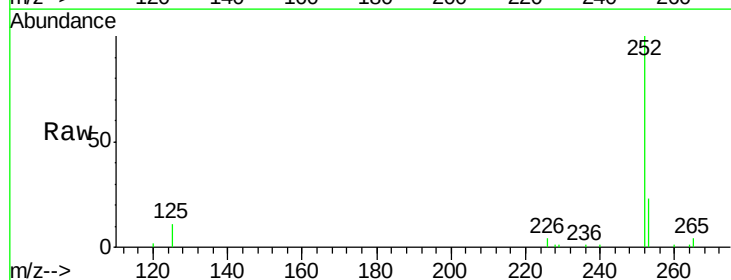
Instrument :
BNA_E
ClientSampleId :

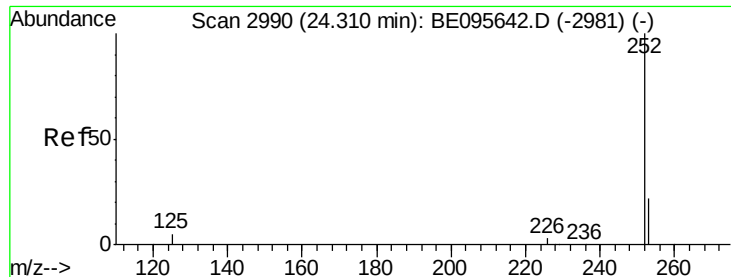
Tot Ion:252 Resp: 7990
Ion Ratio Lower Upper
252 100
253 23.5 0.0 64.2
125 11.4 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.66 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

Tgt Ion:252 Resp: 7716
Ion Ratio Lower Upper
252 100
253 23.4 24.5 36.7#
125 10.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 24.30 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

Instrument :

BNA_E

ClientSampleId :

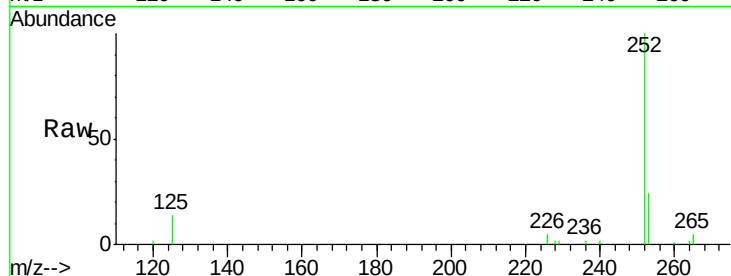
Tot Ion:252 Resp: 7478

Ion Ratio Lower Upper

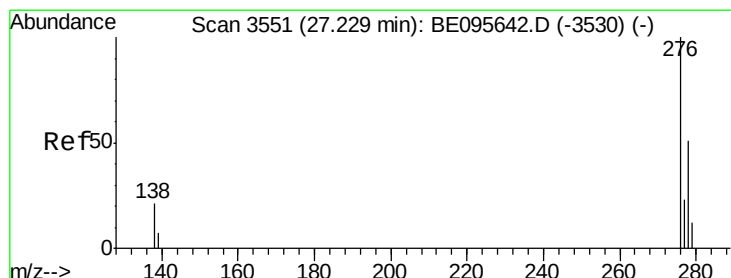
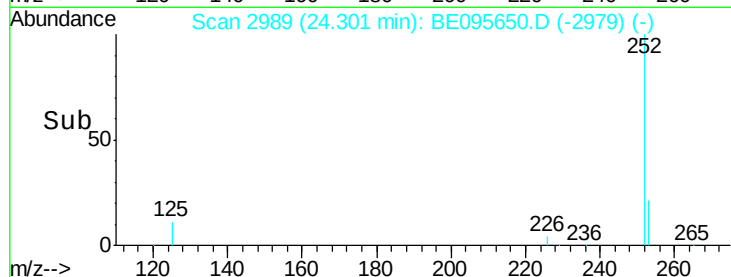
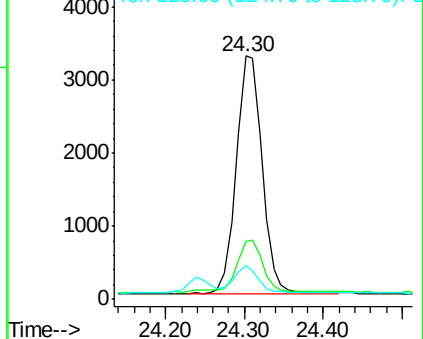
252 100

253 24.0 28.5 42.7#

125 13.6 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: 0.417 ng/ul

RT: 27.23 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE095650.D

Acq: 10 Feb 2018 17:16

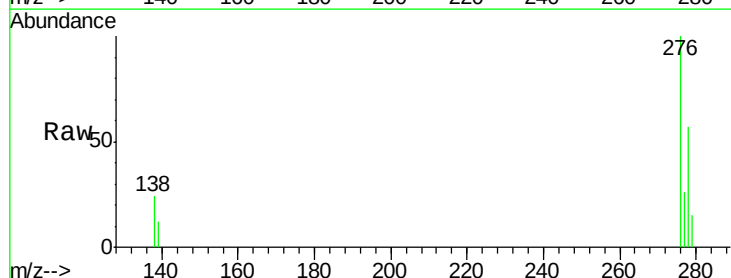
Tgt Ion:276 Resp: 8559

Ion Ratio Lower Upper

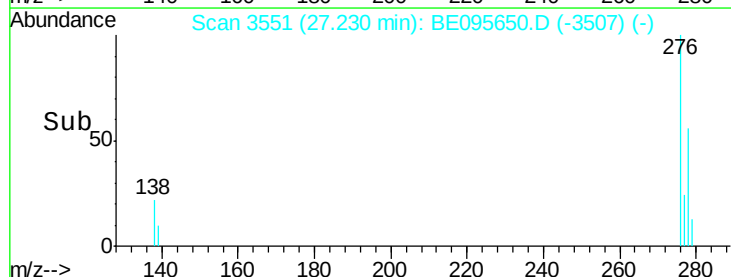
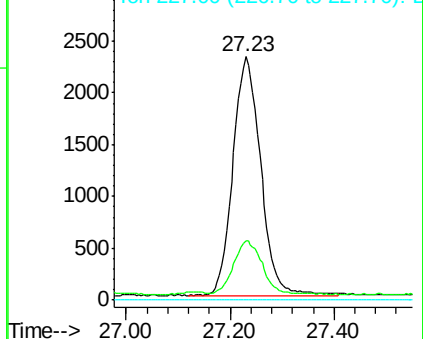
276 100

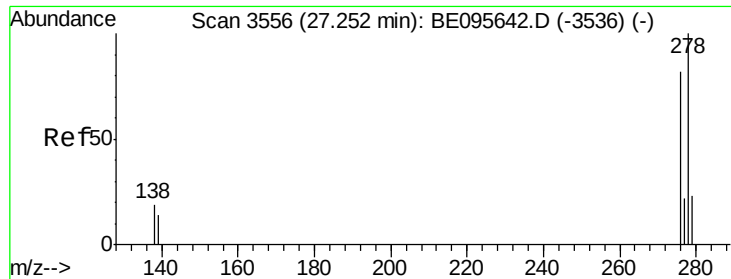
138 22.3 28.0 42.0#

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



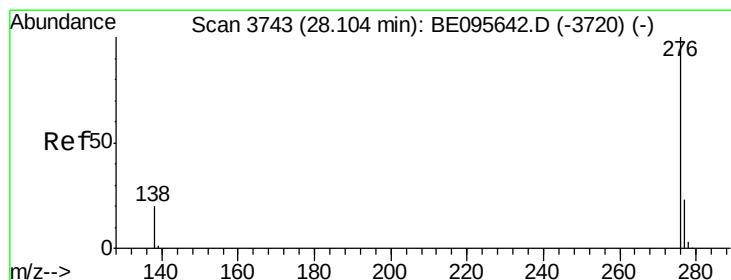
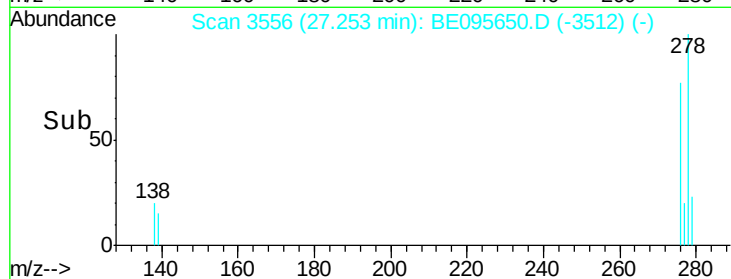
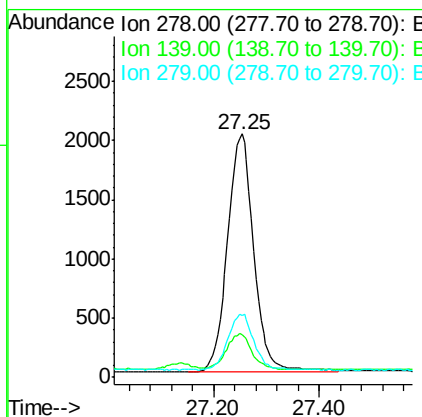
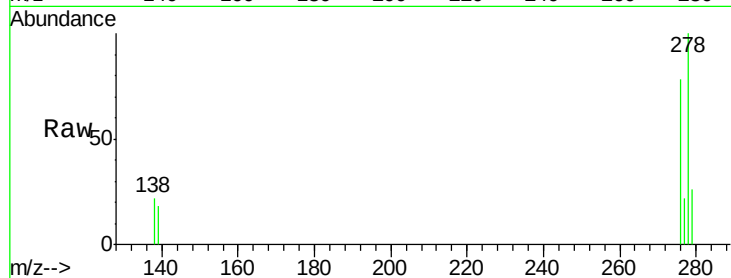


#25
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. 0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 6919

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.4	26.0
279	25.6	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 28.10 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BE095650.D
Acq: 10 Feb 2018 17:16

Tgt Ion:276 Resp: 7149

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.8	32.8
277	25.7	20.5	30.7

