

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097154.D
 Acq On : 2 Aug 2018 16:55
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.483

Quant Time: Aug 02 18:13:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 02 14:49:13 2018
 Response via : Initial Calibration

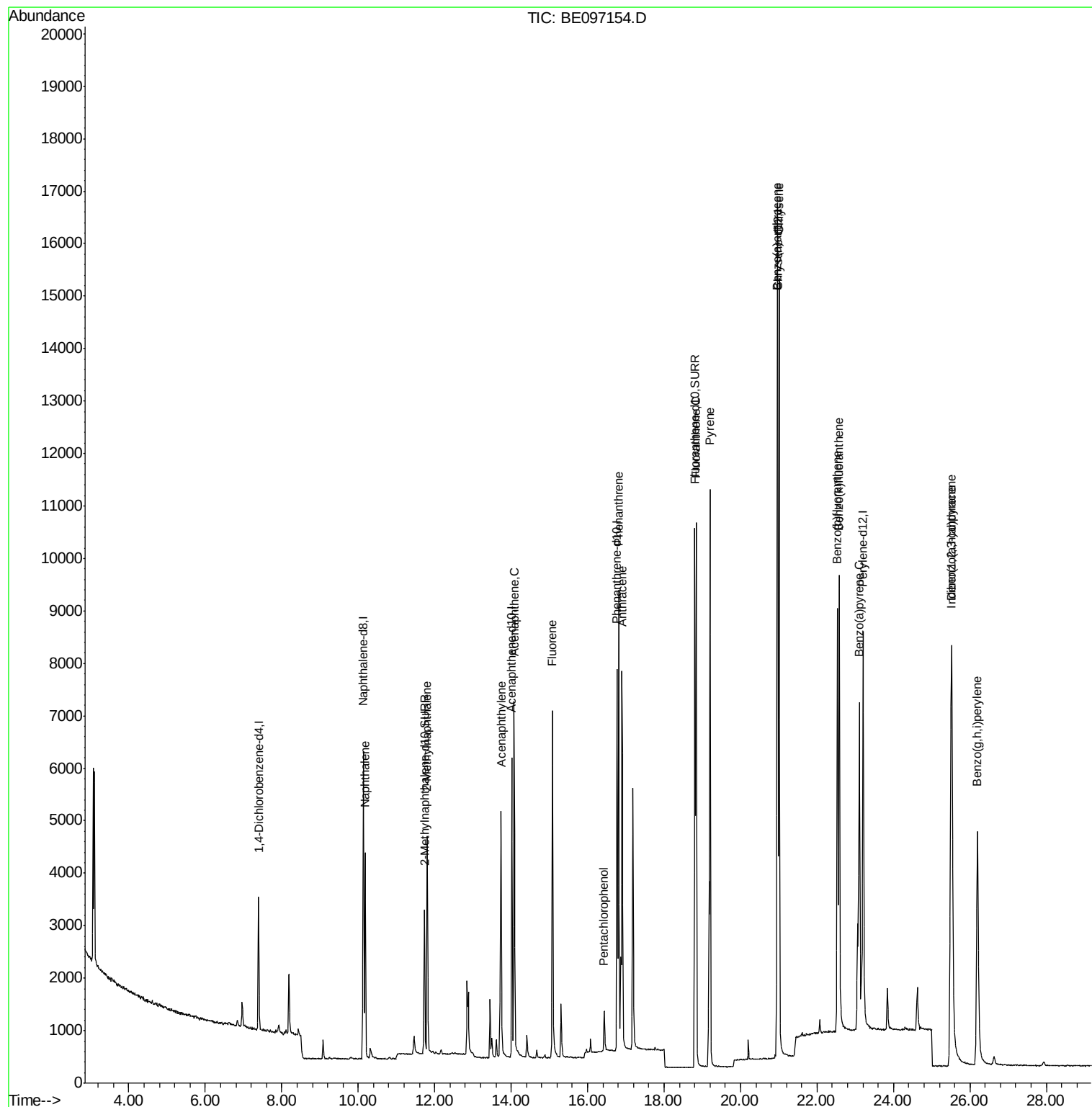
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1261	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5964	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3336	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9138	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10484	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10306	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3805	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11666	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	5850	0.405	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	3787	0.397	ng/ul	98
7) Acenaphthylene	13.73	152	5808	0.403	ng/ul	97
8) Acenaphthene	14.08	153	4170	0.400	ng/ul#	93
9) Fluorene	15.08	166	4766	0.397	ng/ul#	94
11) Pentachlorophenol	16.44	266	454	0.347	ng/ul	95
12) Phenanthrene	16.81	178	9262	0.398	ng/ul#	88
13) Anthracene	16.90	178	8555	0.394	ng/ul#	91
15) Fluoranthene	18.84	202	11666	0.379	ng/ul	84
17) Pyrene	19.20	202	12163	0.433	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	11399	0.380	ng/ul#	85
19) Chrysene	21.01	228	12213	0.396	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	10570	0.376	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	11963	0.395	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	10297	0.366	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	13129	0.373	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.53	278	11092	0.385	ng/ul	91
26) Benzo(g,h,i)perylene	26.20	276	11302	0.372	ng/ul#	91

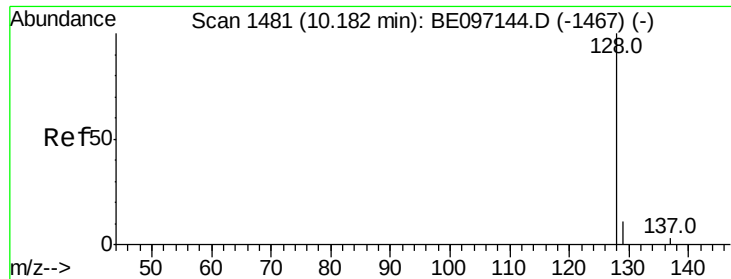
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
Data File : BE097154.D
Acq On : 2 Aug 2018 16:55
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Aug 02 18:13:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

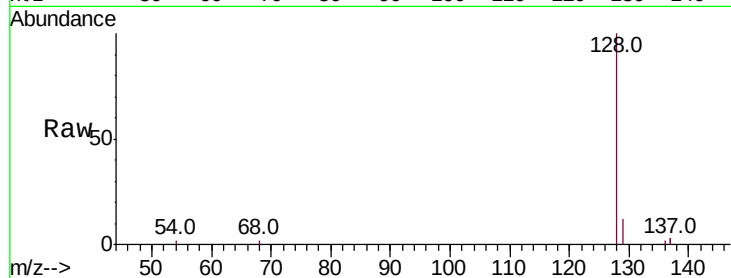
Tot Ion:128 Resp: 5850

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

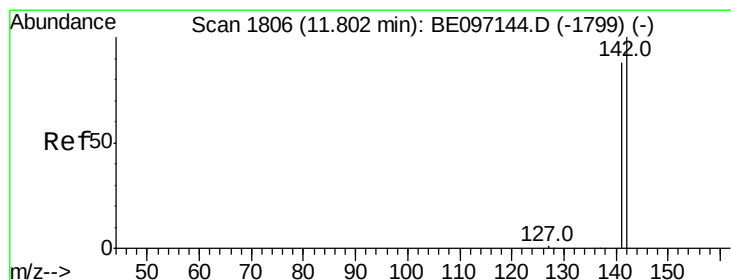
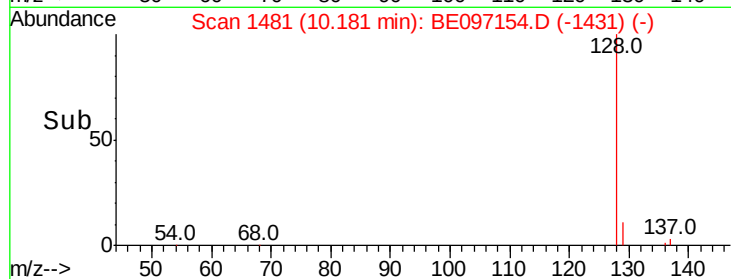
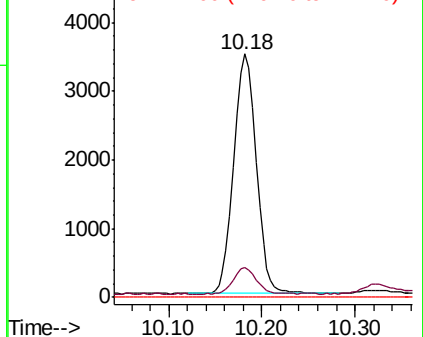
127 0.0 4.0 6.0#



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: 0.397 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BE097154.D

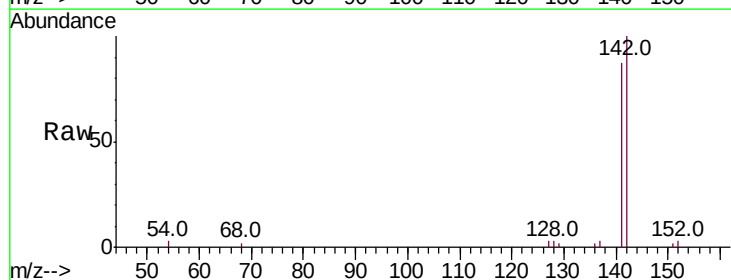
Acq: 2 Aug 2018 16:55

Tgt Ion:142 Resp: 3787

Ion Ratio Lower Upper

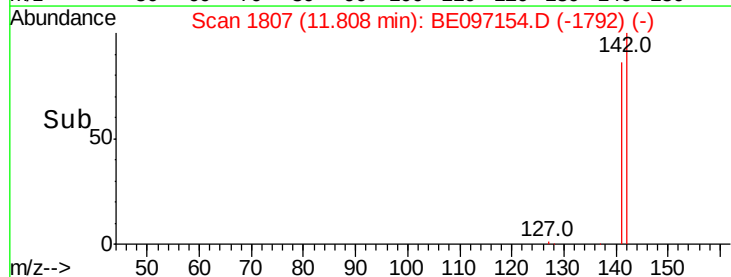
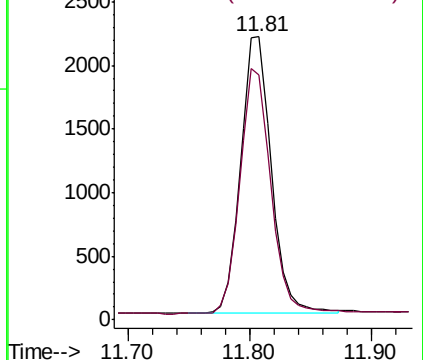
142 100

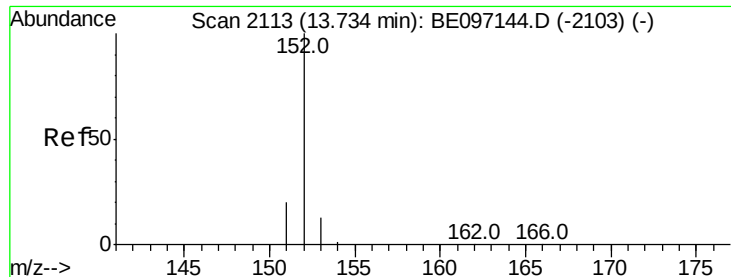
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.403 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

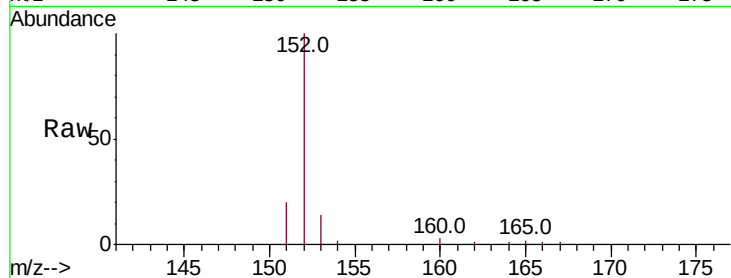
Tot Ion:152 Resp: 5808

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

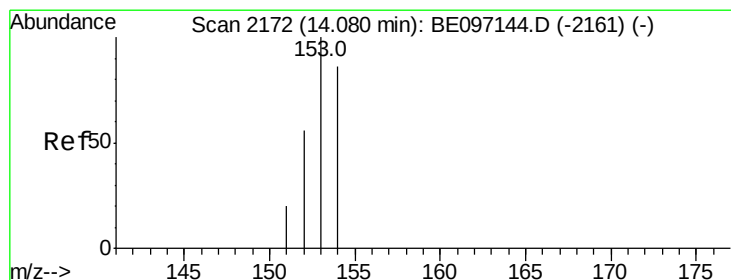
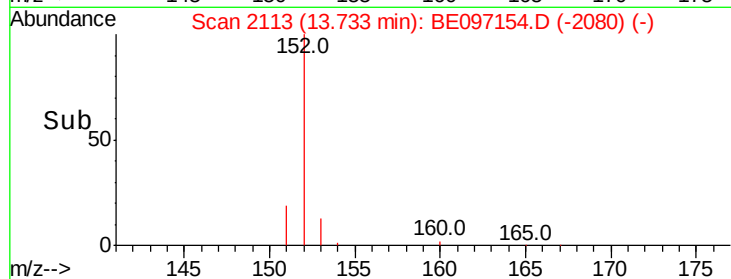
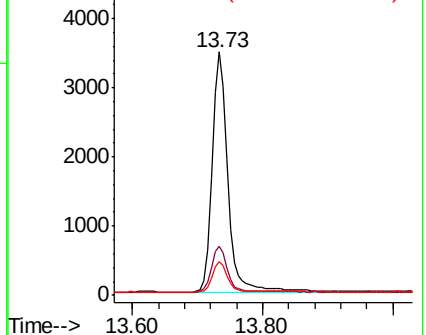
153 14.0 12.8 19.2



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: 0.400 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

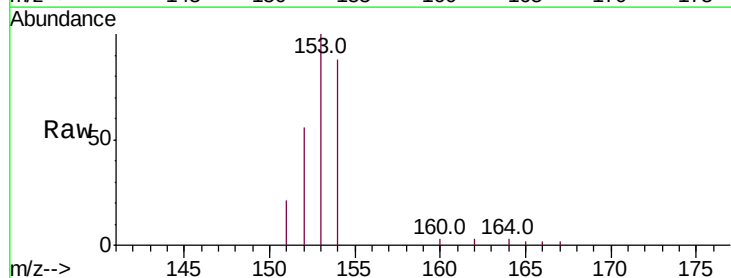
Tgt Ion:153 Resp: 4170

Ion Ratio Lower Upper

153 100

152 56.3 36.0 54.0#

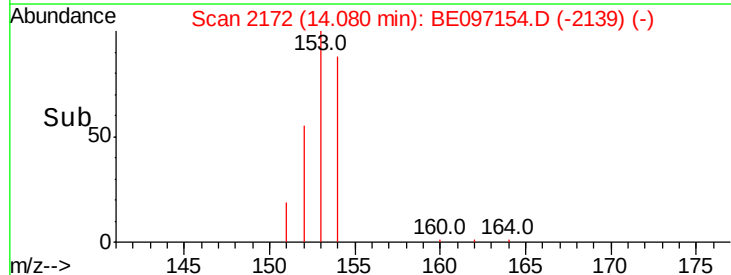
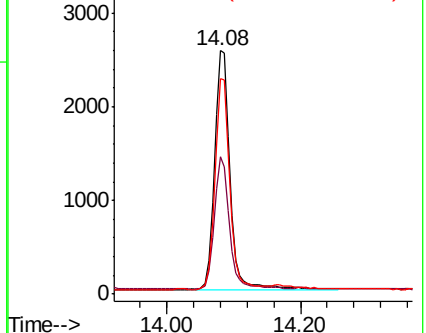
154 88.5 72.0 108.0

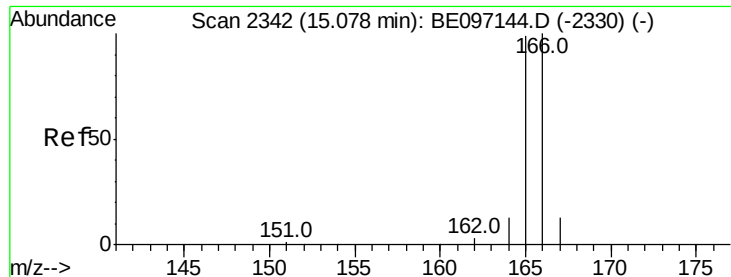


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

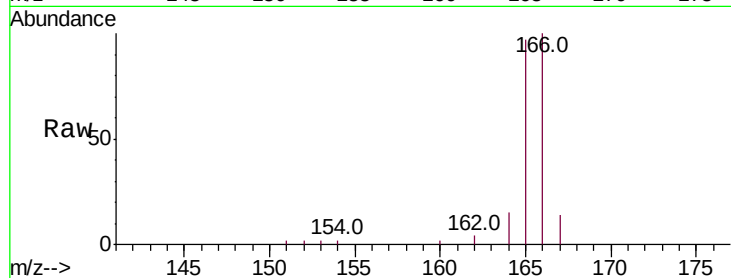
Tot Ion:166 Resp: 4766

Ion Ratio Lower Upper

166 100

165 97.1 73.4 110.2

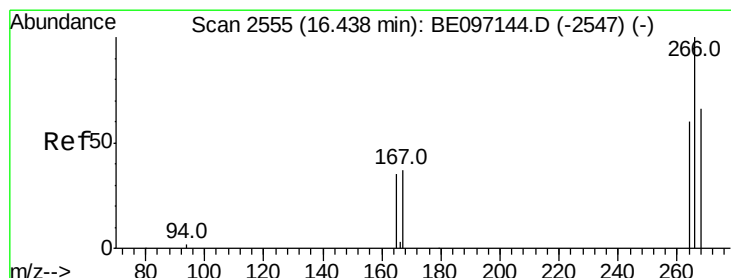
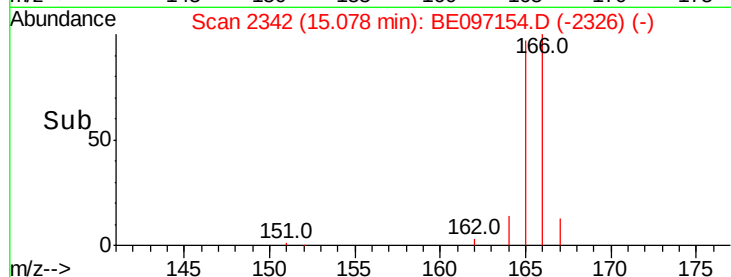
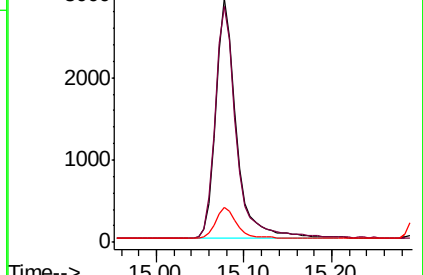
167 14.5 14.6 22.0#



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: 0.347 ng/ul

RT: 16.44 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

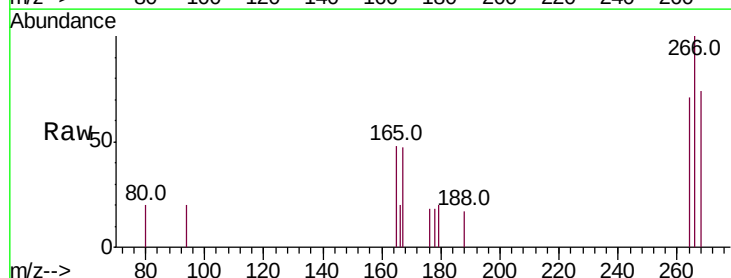
Tgt Ion:266 Resp: 454

Ion Ratio Lower Upper

266 100

264 65.4 47.9 71.9

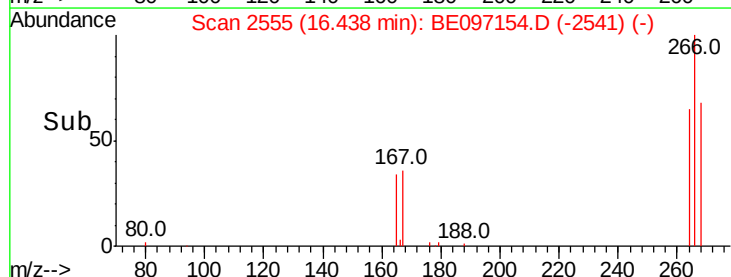
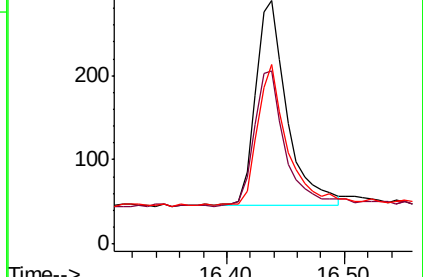
268 64.8 49.8 74.8

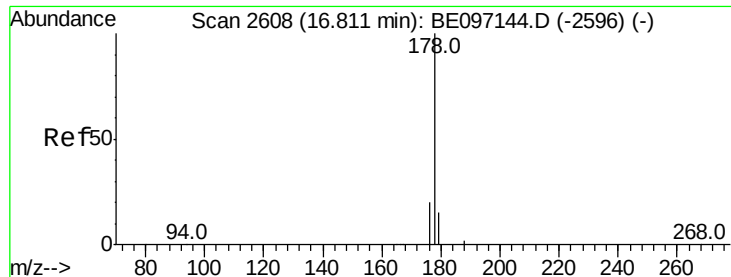


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.398 ng/ul

RT: 16.81 min Scan# 2608

Delta R.T. 0.00 min

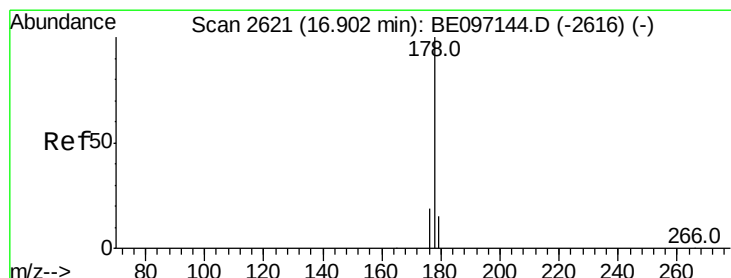
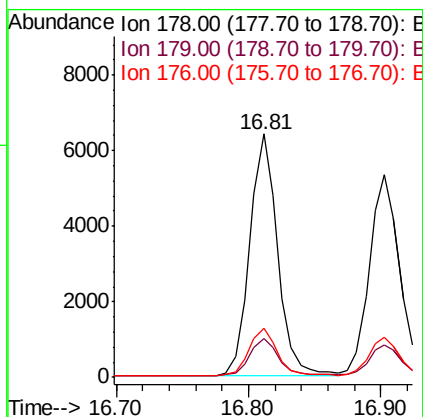
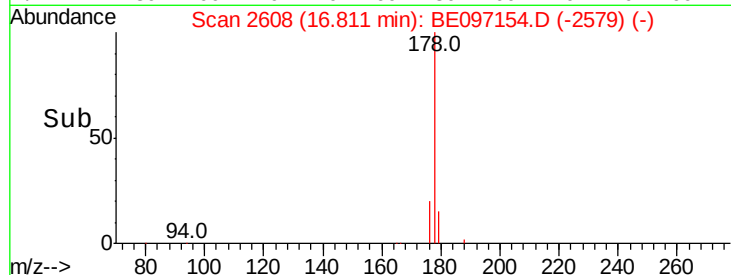
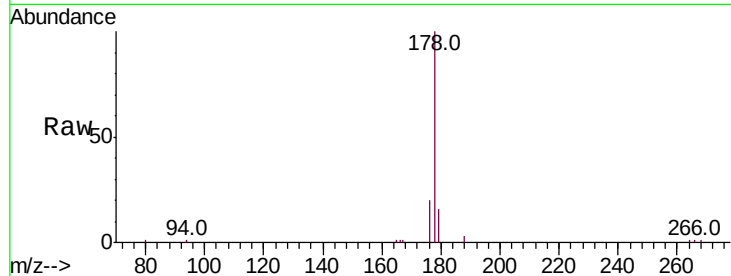
Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :
BNA_E
ClientSampleId :
SSTD0.483

Tot Ion:178 Resp: 9262

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	20.2	13.6	20.4



#13

Anthracene

Concen: 0.394 ng/ul

RT: 16.90 min Scan# 2621

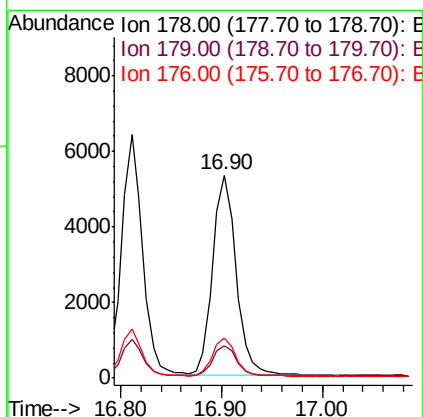
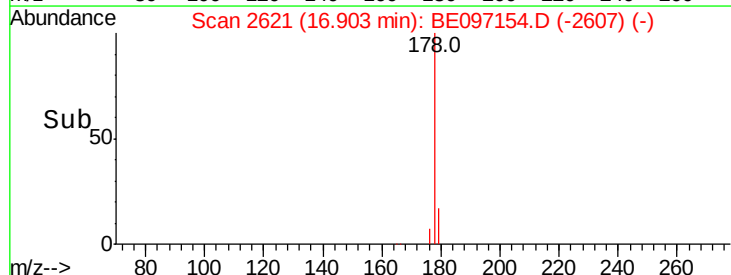
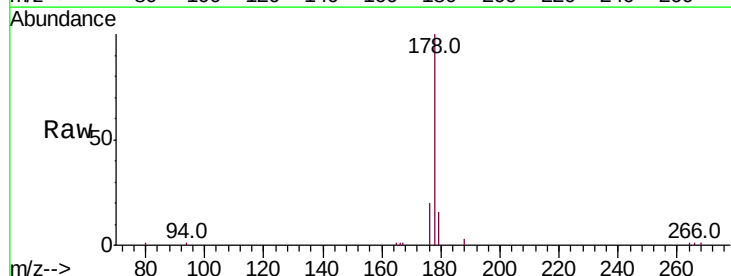
Delta R.T. 0.00 min

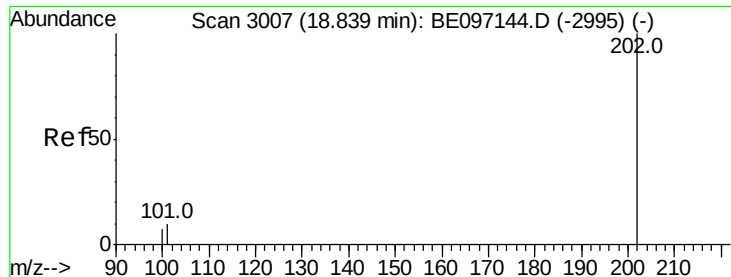
Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Tgt Ion:178 Resp: 8555

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	19.6	14.7	22.1

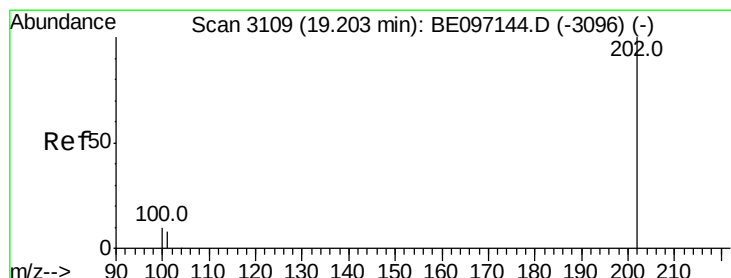
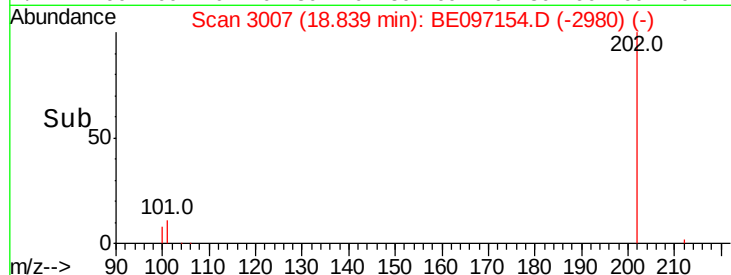
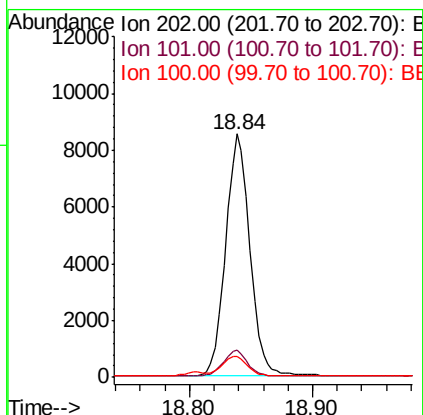
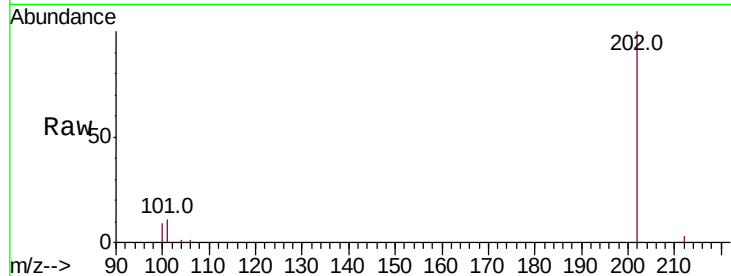




#15
Fluoranthene
Concen: 0.379 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097154.D
Acq: 2 Aug 2018 16:55

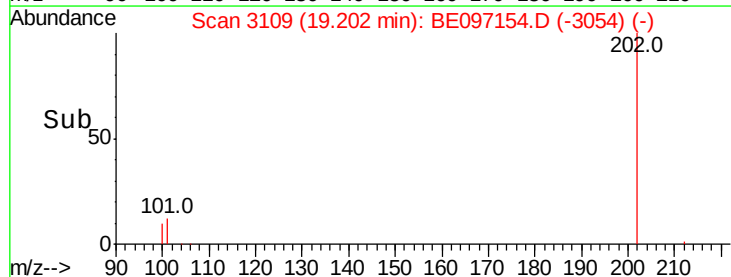
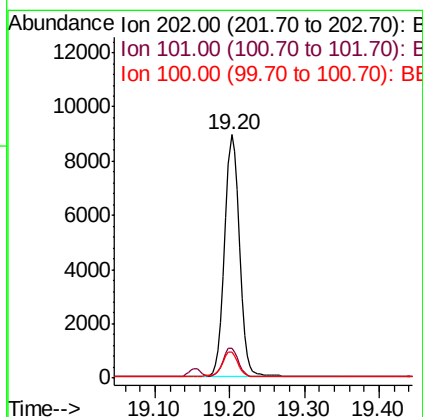
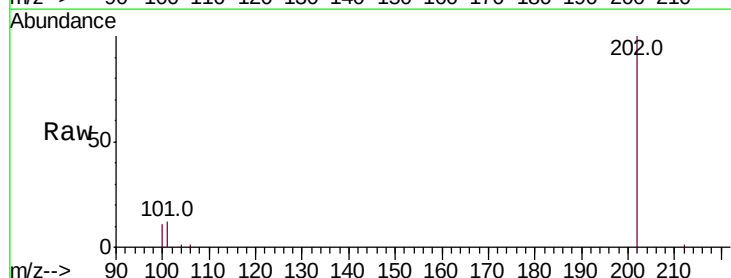
Instrument :
BNA_E
ClientSampleId :
SSTD0.483

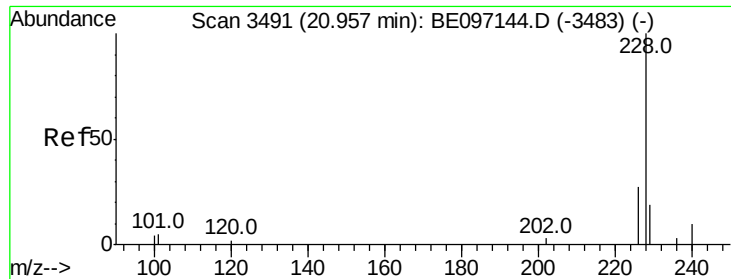
Tot Ion:202 Resp: 11666
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.3
100 8.6 0.0 39.5



#17
Pyrene
Concen: 0.433 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097154.D
Acq: 2 Aug 2018 16:55

Tgt Ion:202 Resp: 12163
Ion Ratio Lower Upper
202 100
101 12.5 18.2 27.4#
100 10.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.380 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

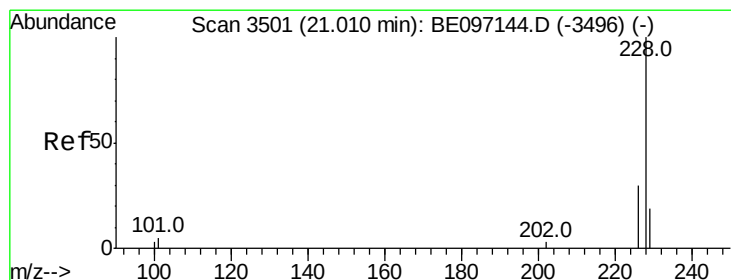
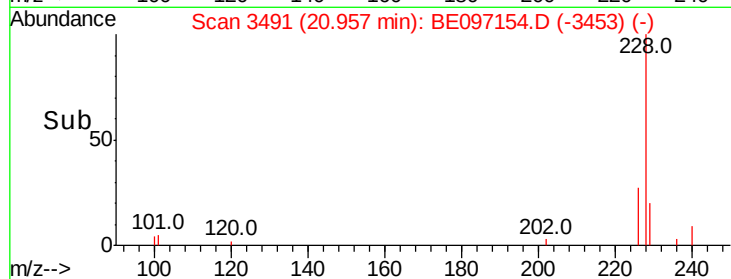
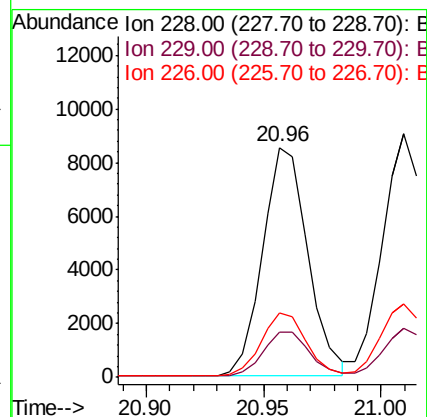
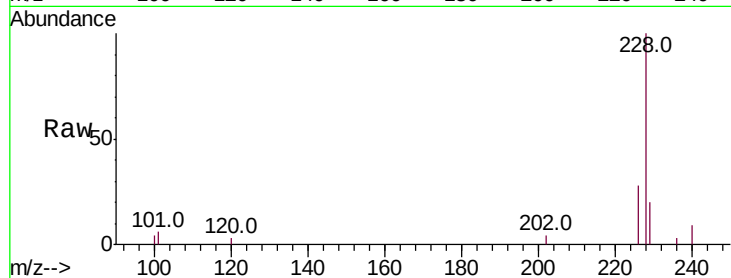
Tot Ion:228 Resp: 11399

Ion Ratio Lower Upper

228 100

229 20.0 22.8 34.2#

226 27.9 17.0 25.6#



#19

Chrysene

Concen: 0.396 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

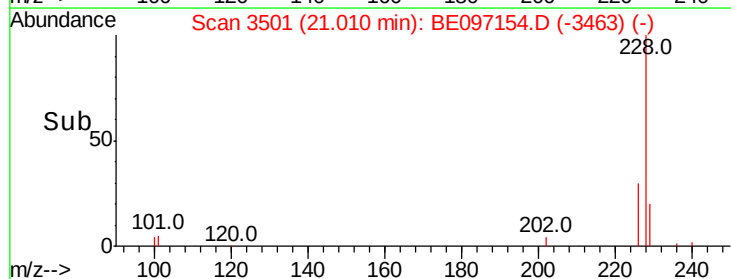
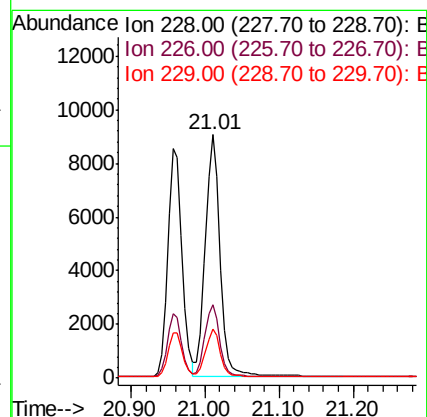
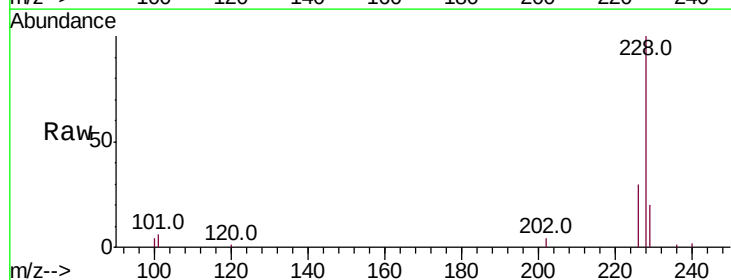
Tgt Ion:228 Resp: 12213

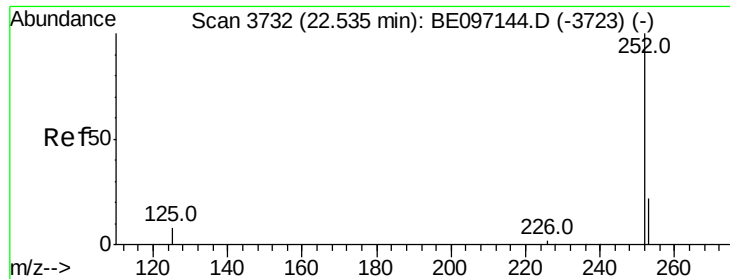
Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 20.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.376 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

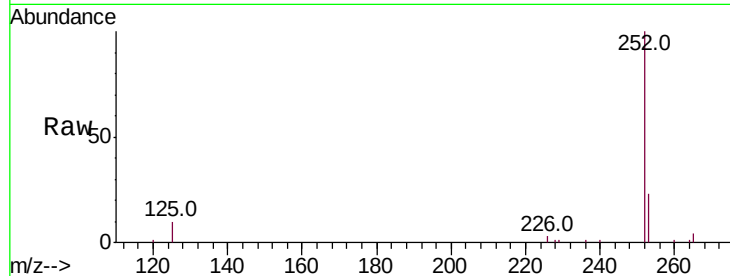
Tot Ion:252 Resp: 10570

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

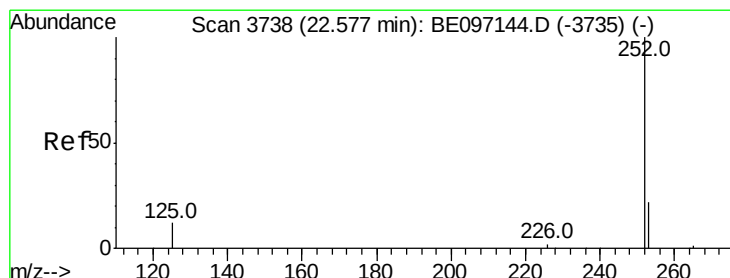
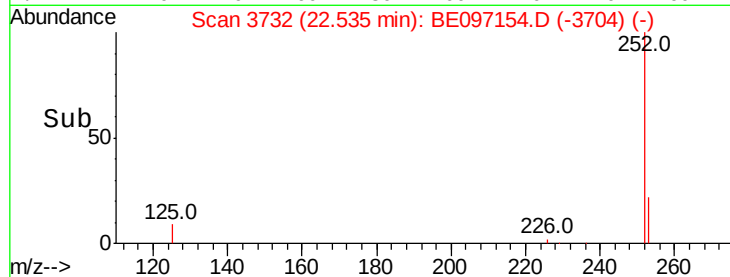
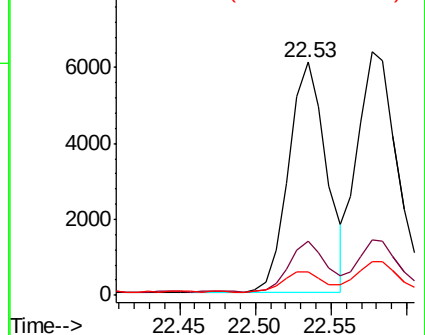
125 10.0 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 0.395 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

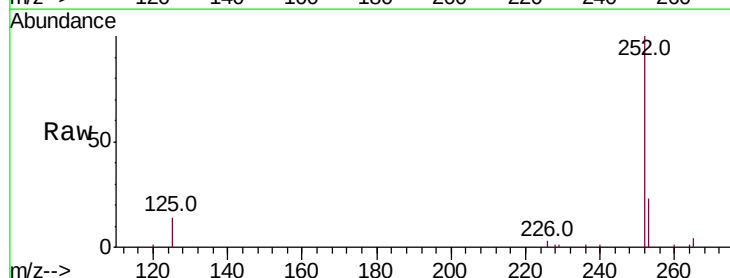
Tgt Ion:252 Resp: 11963

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

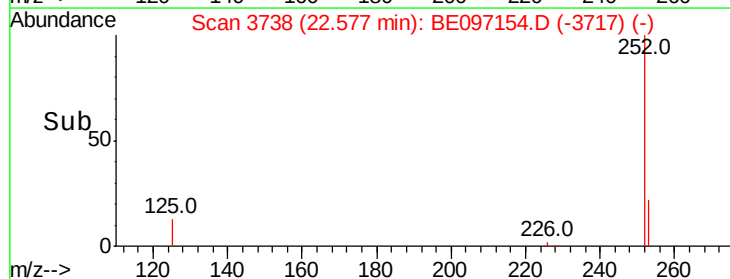
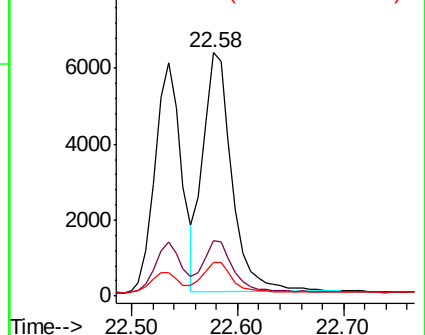
125 14.0 13.7 20.5

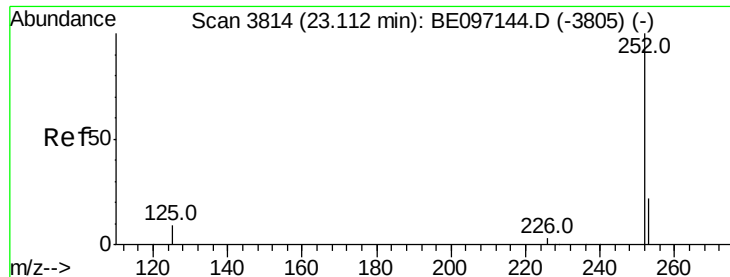


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

Instrument :

BNA_E

ClientSampleId :

SSTD0.483

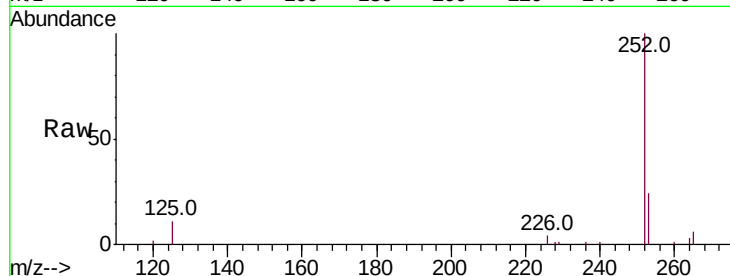
Tot Ion:252 Resp: 10297

Ion Ratio Lower Upper

252 100

253 23.7 28.5 42.7#

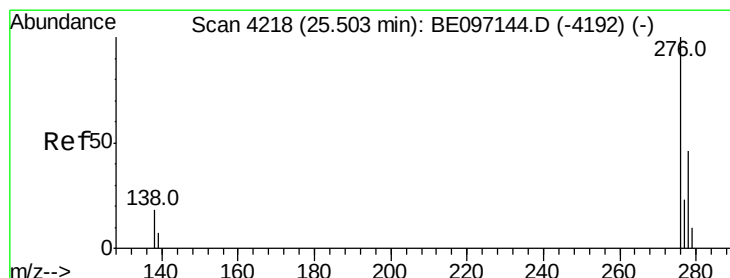
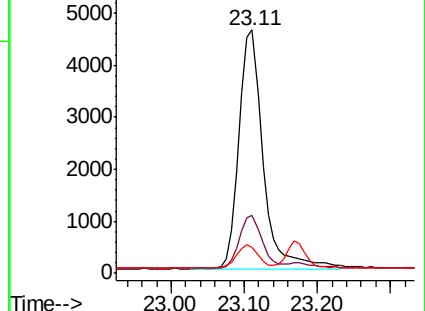
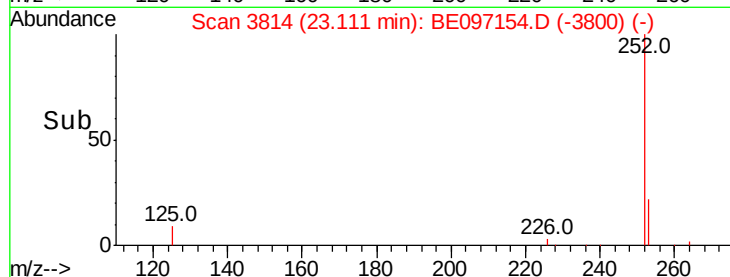
125 10.7 18.1 27.1#



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: 0.373 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BE097154.D

Acq: 2 Aug 2018 16:55

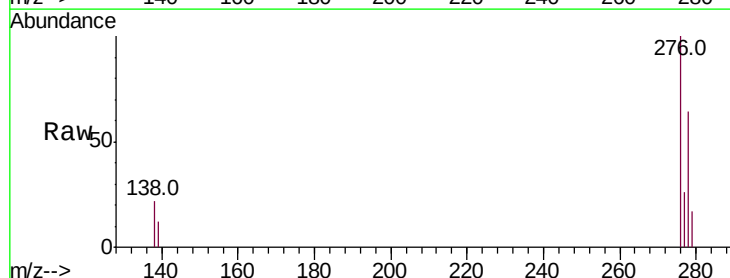
Tgt Ion:276 Resp: 13129

Ion Ratio Lower Upper

276 100

138 22.4 28.0 42.0#

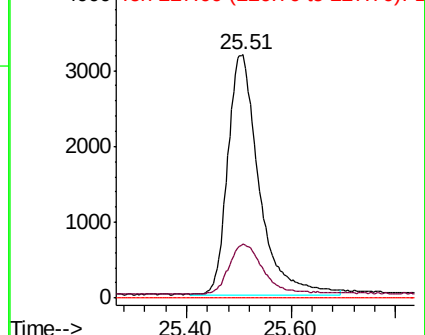
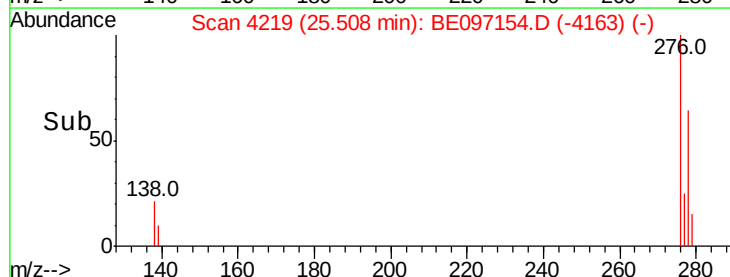
227 0.0 8.0 12.0#

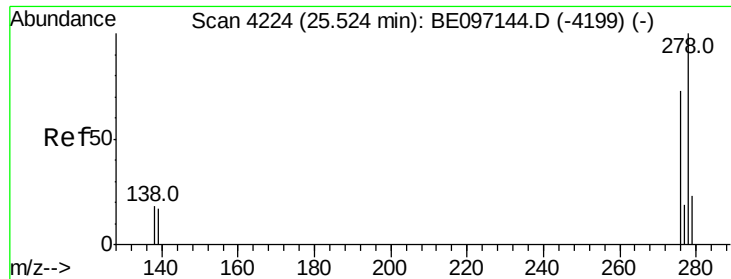


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



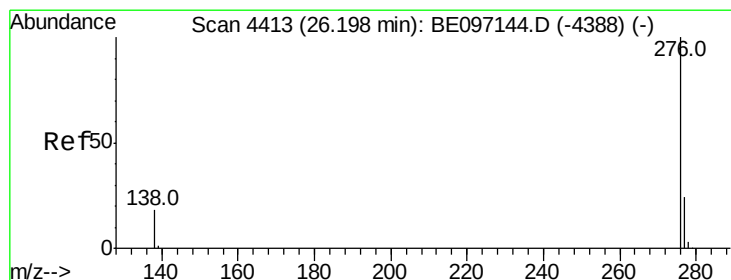
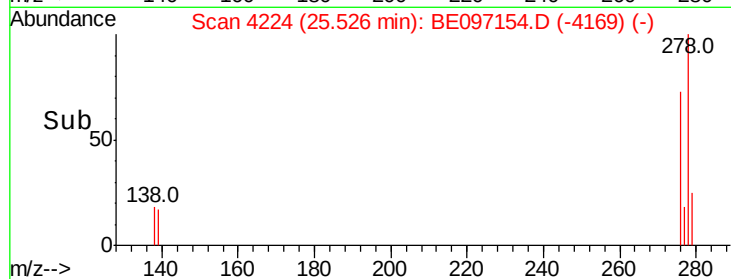
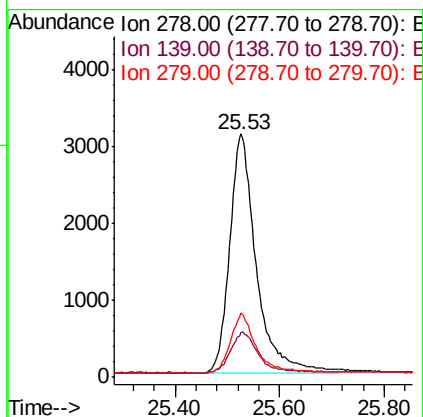
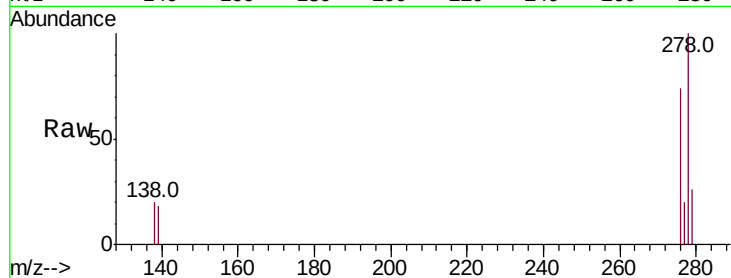


#25
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.53 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE097154.D
Acq: 2 Aug 2018 16:55

Instrument :
BNA_E
ClientSampleId :
SSTD0.483

Tot Ion:278 Resp: 11092

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	26.3	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BE097154.D
Acq: 2 Aug 2018 16:55

Tgt Ion:276 Resp: 11302

Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	23.9	20.5	30.7

