

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097133.D
 Acq On : 1 Aug 2018 17:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 01:03:34 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 : Wed Aug 01 16:16:30 2018
 Response via : Initial Calibration

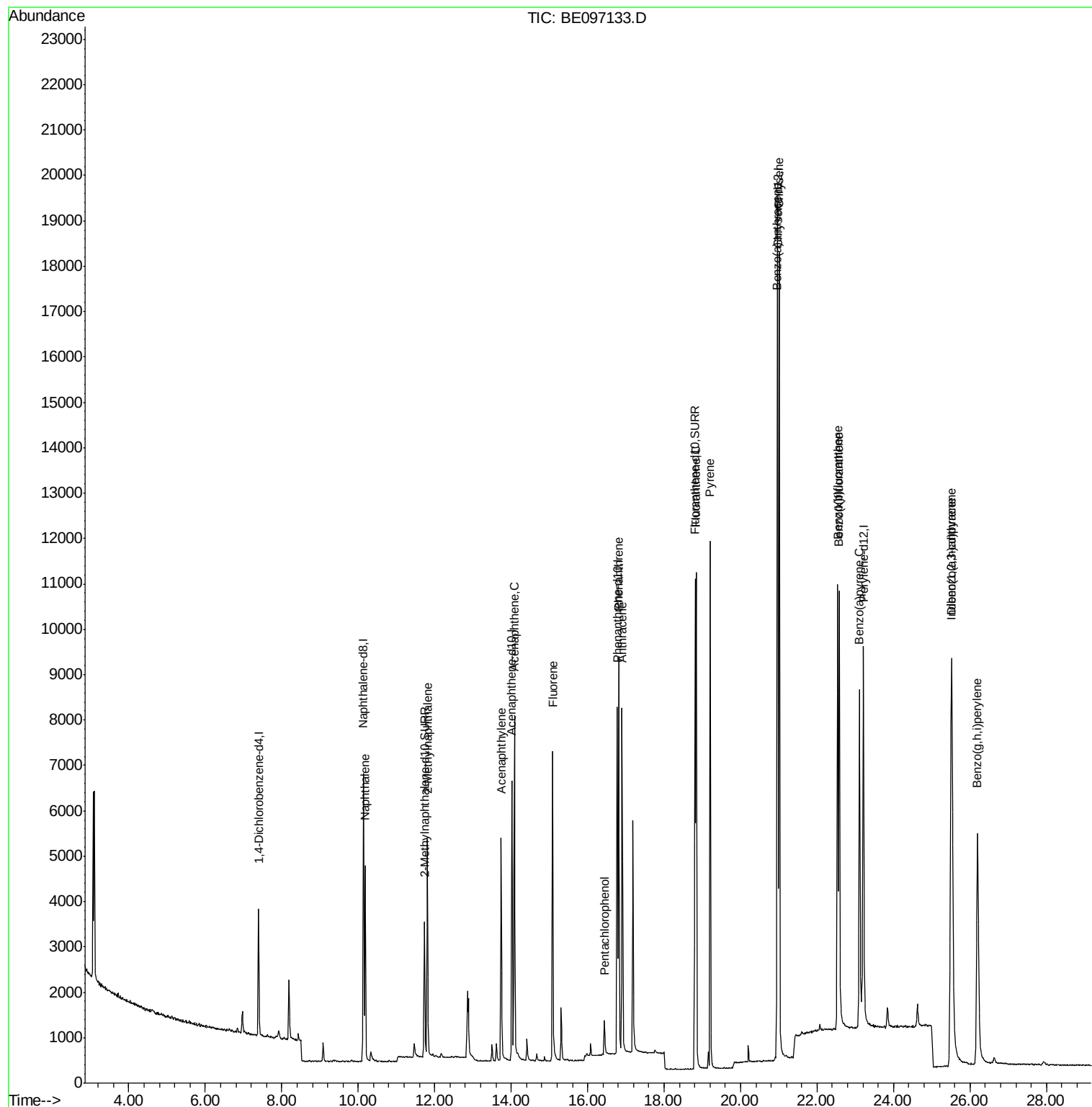
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6633	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3632	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9938	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	12106	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11745	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4260	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12870	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	6436	0.401	ng/ul#	92
5) 2-Methylnaphthalene	11.81	142	4221	0.398	ng/ul	98
7) Acenaphthylene	13.74	152	6245	0.398	ng/ul	97
8) Acenaphthene	14.08	153	4563	0.402	ng/ul#	94
9) Fluorene	15.08	166	5177	0.396	ng/ul#	94
11) Pentachlorophenol	16.44	266	461	0.324	ng/ul	96
12) Phenanthrene	16.81	178	9988	0.394	ng/ul#	88
13) Anthracene	16.90	178	9126	0.386	ng/ul#	91
15) Fluoranthene	18.84	202	12727	0.380	ng/ul	84
17) Pyrene	19.21	202	13149	0.405	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	13291	0.384	ng/ul#	84
19) Chrysene	21.01	228	14083	0.395	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	12343	0.386	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	13710	0.397	ng/ul#	87
23) Benzo(a)pyrene	23.11	252	11943	0.373	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	15256	0.381	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.53	278	12631	0.385	ng/ul#	88
26) Benzo(a,h,i)perylene	26.20	276	13461	0.389	ng/ul#	92

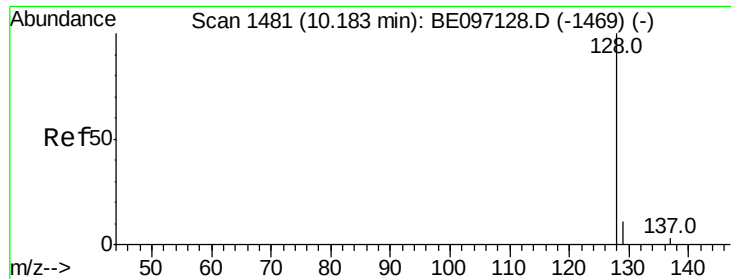
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

Quant Time: Aug 02 01:03:34 2018
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QLast Update : Wed Aug 01 16:16:30 2018
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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampleId :

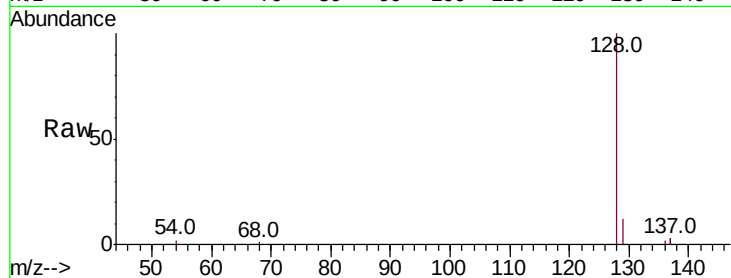
Tot Ion:128 Resp: 6436

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

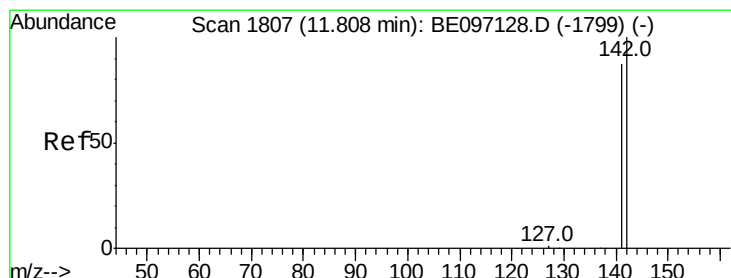
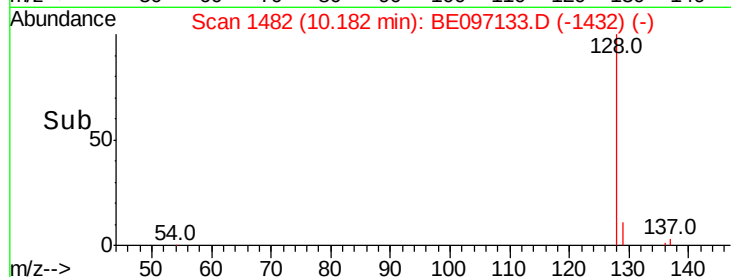
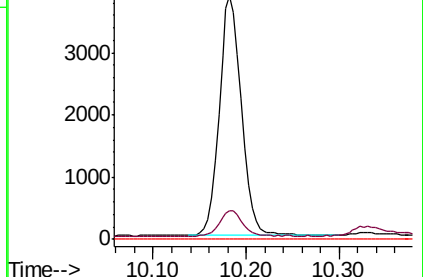
127 0.0 4.0 6.0#



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: 0.398 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE097133.D

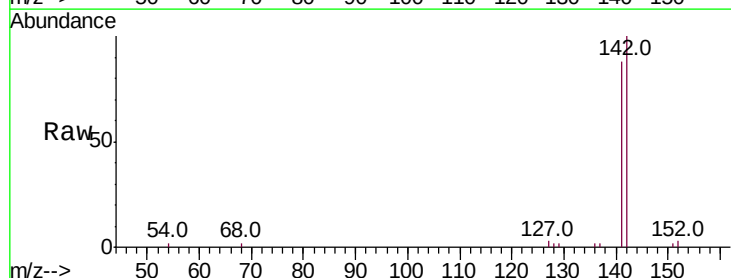
Acq: 1 Aug 2018 17:29

Tgt Ion:142 Resp: 4221

Ion Ratio Lower Upper

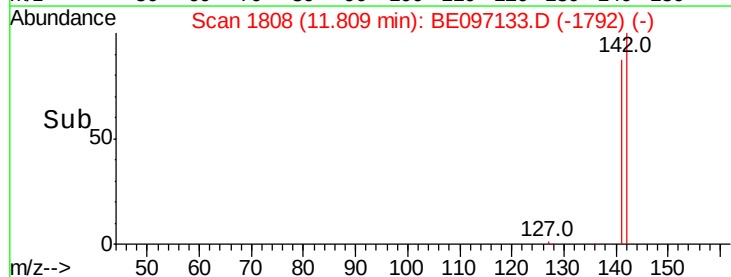
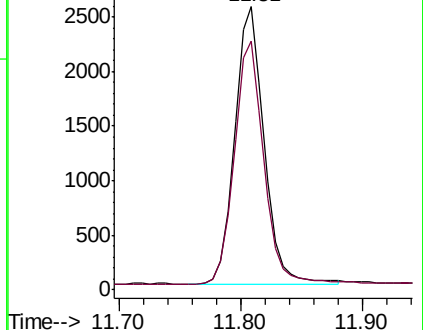
142 100

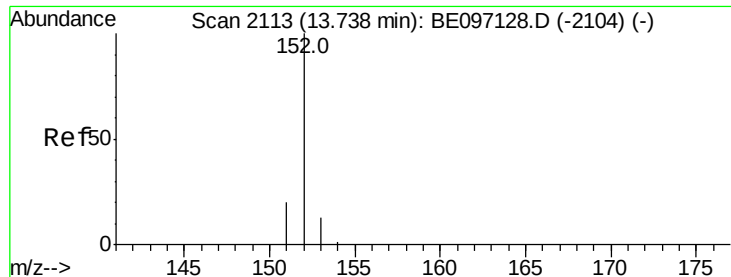
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.398 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampleId :

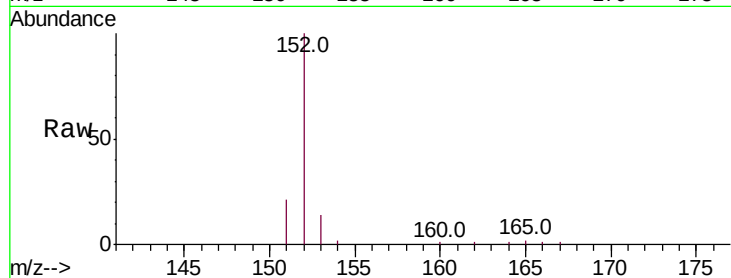
Tot Ion:152 Resp: 6245

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

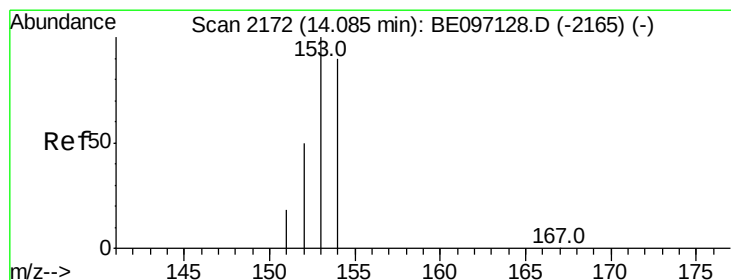
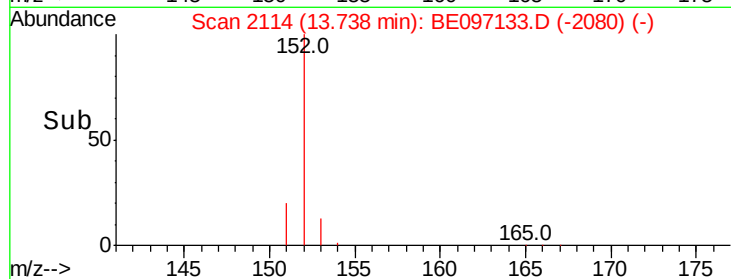
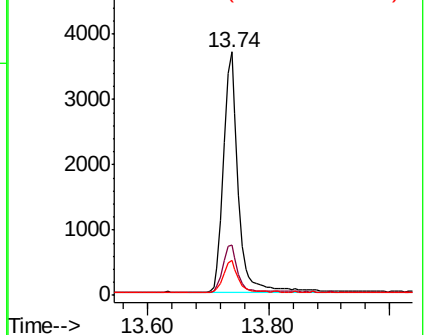
153 14.2 12.8 19.2



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: 0.402 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

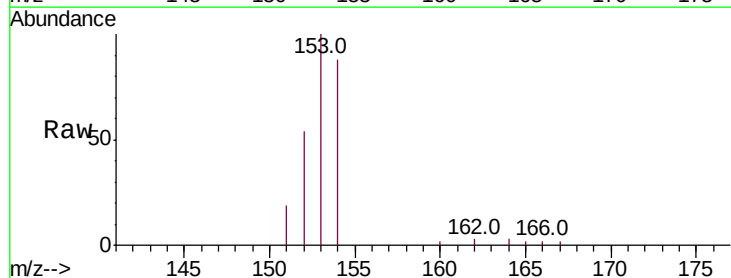
Tgt Ion:153 Resp: 4563

Ion Ratio Lower Upper

153 100

152 54.4 36.0 54.0#

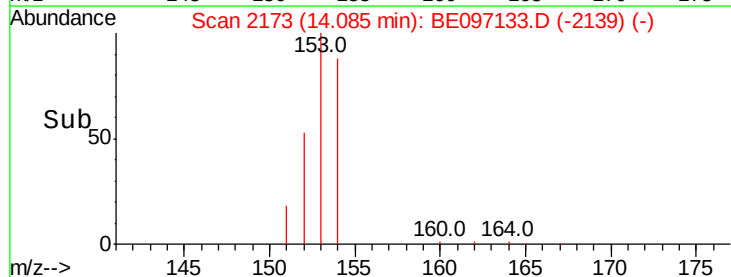
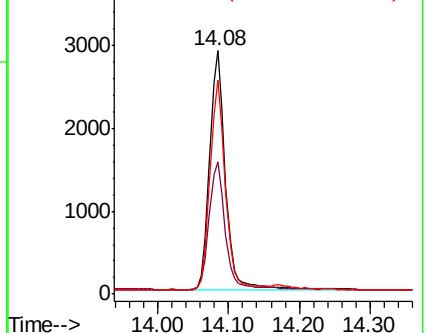
154 87.9 72.0 108.0

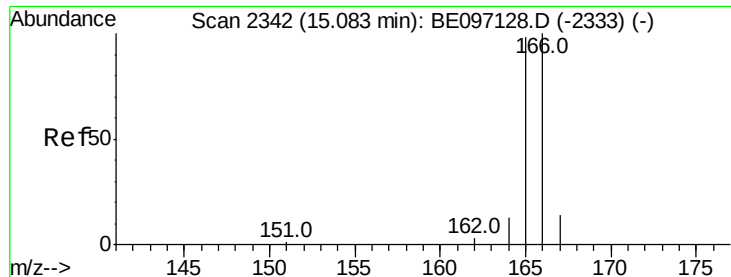


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

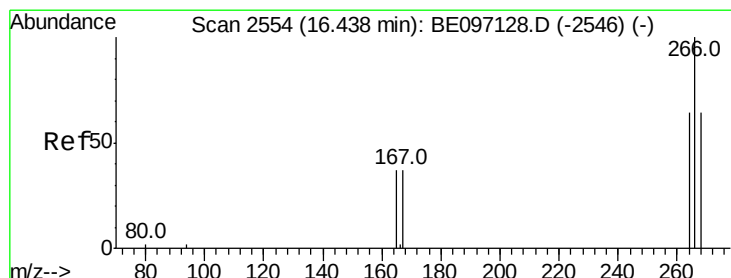
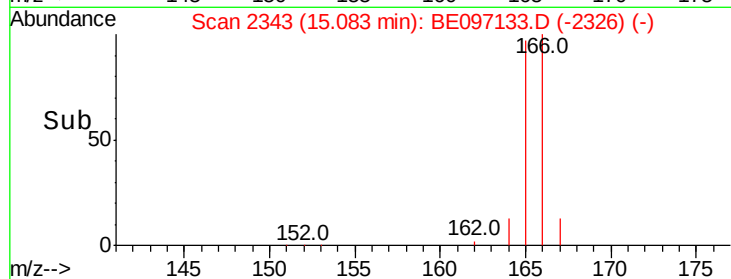
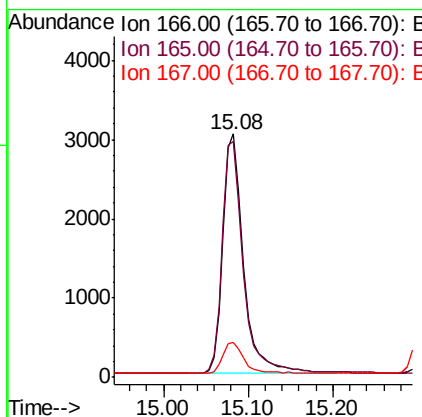
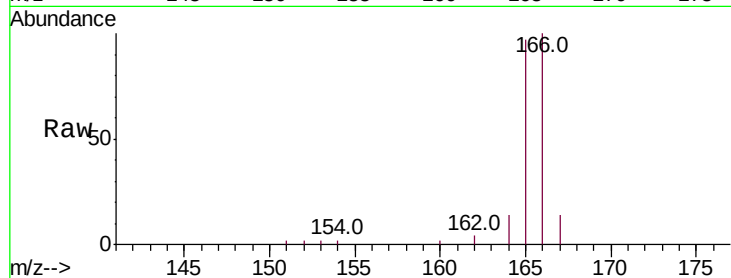




#9
Fluorene
 Concen: 0.396 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BE097133.D
 Acq: 1 Aug 2018 17:29

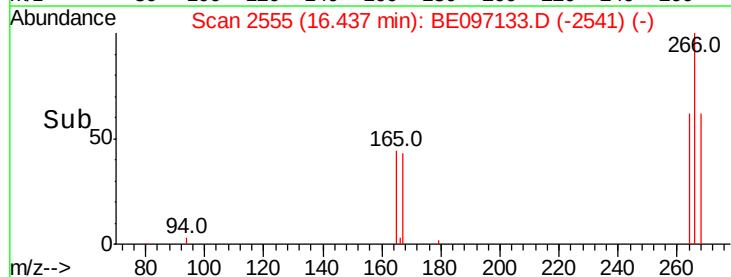
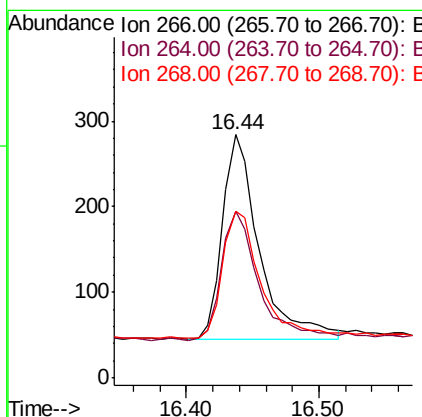
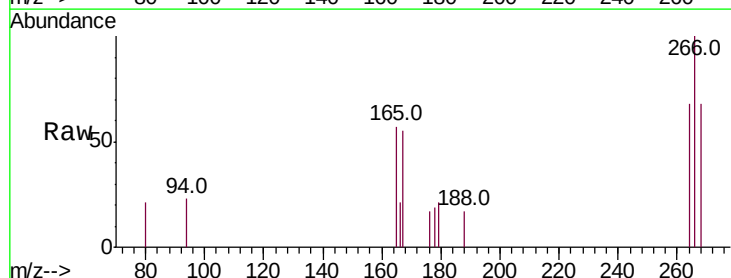
Instrument :
 BNA_E
 ClientSampleId :

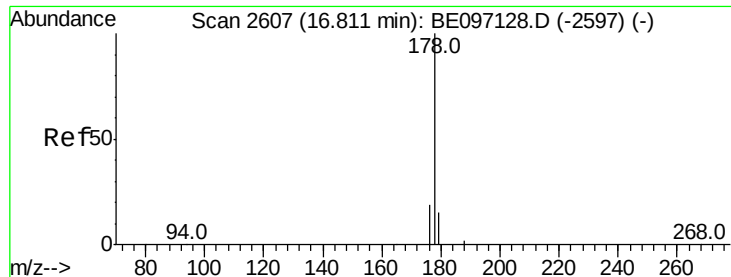
Tot Ion:166 Resp: 5177
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.324 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BE097133.D
 Acq: 1 Aug 2018 17:29

Tgt Ion:266 Resp: 461
 Ion Ratio Lower Upper
 266 100
 264 64.6 47.9 71.9
 268 64.2 49.8 74.8

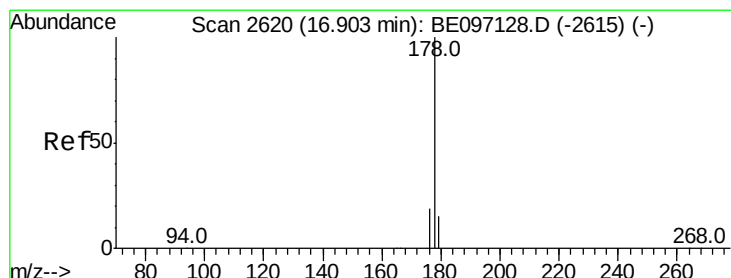
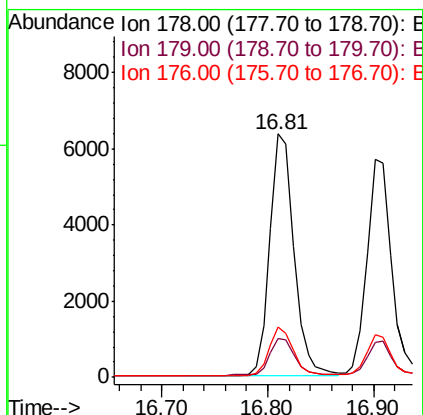
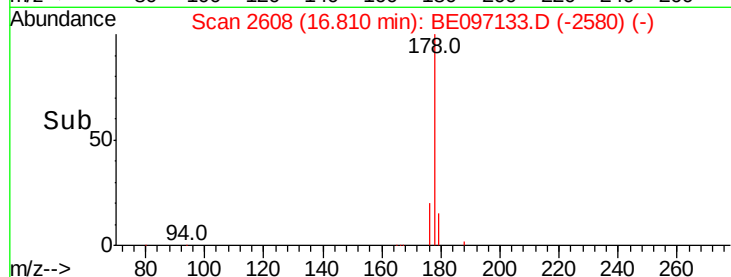
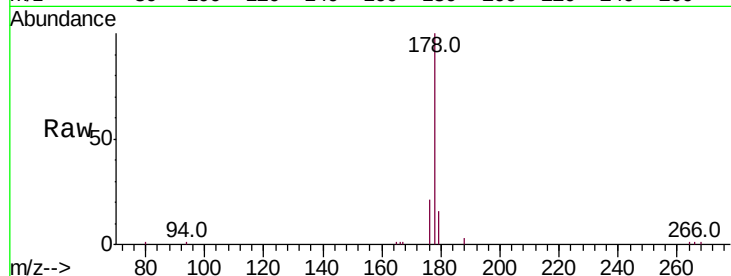




#12
Phenanthrene
Concen: 0.394 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097133.D
Acq: 1 Aug 2018 17:29

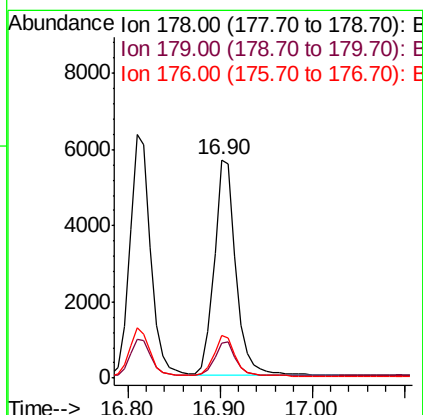
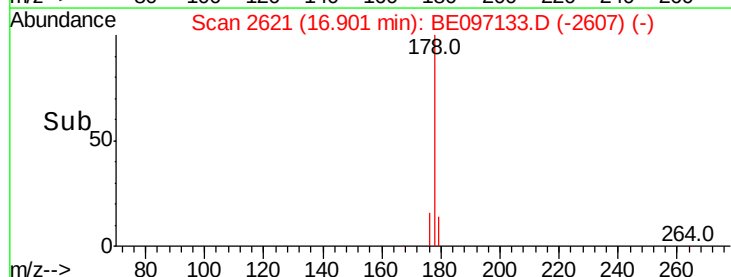
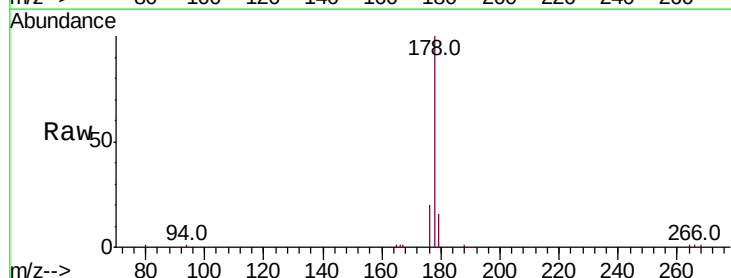
Instrument :
BNA_E
ClientSampleId :

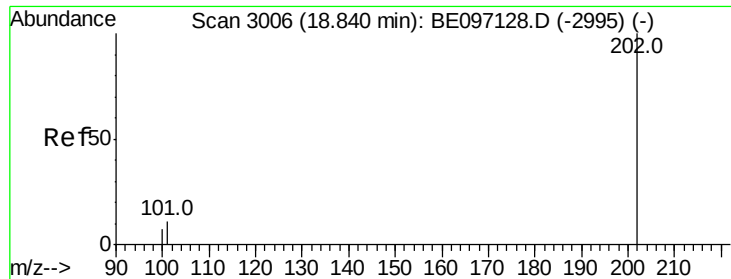
Tot Ion:178 Resp: 9988
Ion Ratio Lower Upper
178 100
179 16.2 18.4 27.6#
176 20.6 13.6 20.4#



#13
Anthracene
Concen: 0.386 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097133.D
Acq: 1 Aug 2018 17:29

Tgt Ion:178 Resp: 9126
Ion Ratio Lower Upper
178 100
179 15.8 18.1 27.1#
176 19.7 14.7 22.1





#15

Fluoranthene

Concen: 0.380 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampleId :

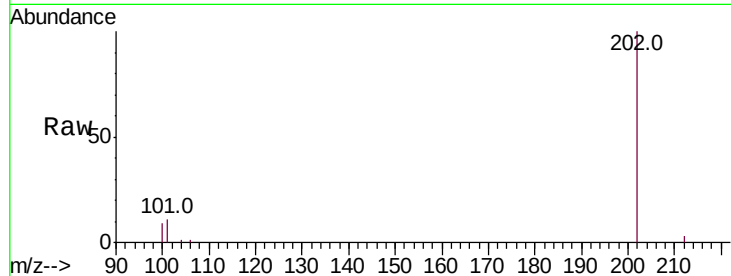
Tot Ion:202 Resp: 12727

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

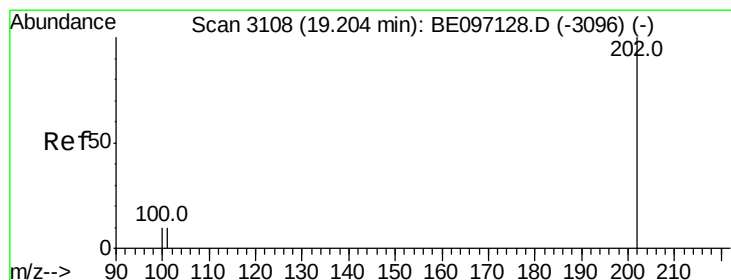
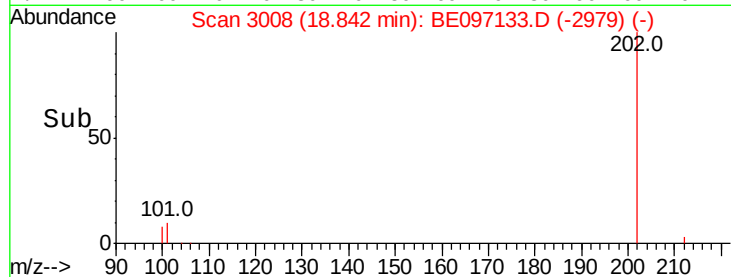
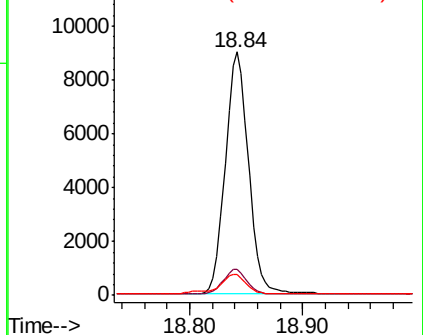
100 8.7 0.0 39.5



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: 0.405 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

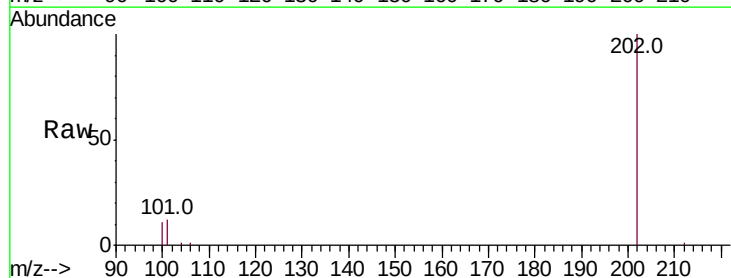
Tgt Ion:202 Resp: 13149

Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

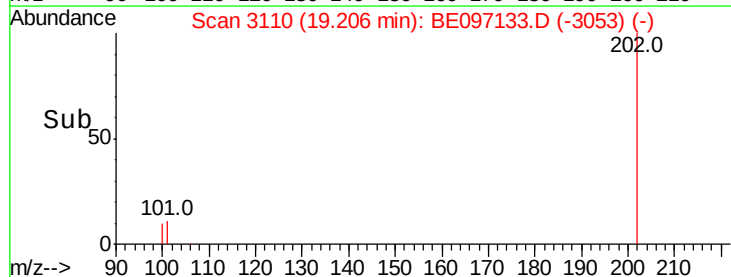
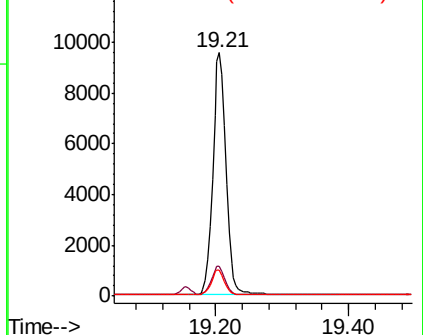
100 10.6 15.6 23.4#

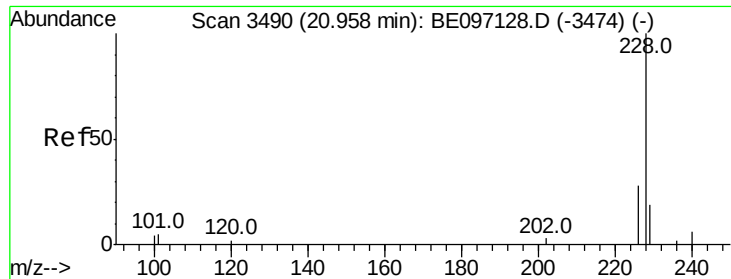


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.384 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampled :

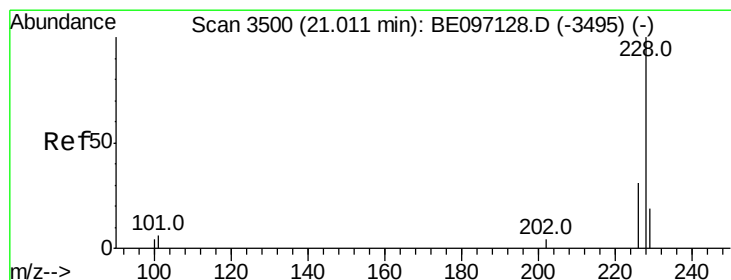
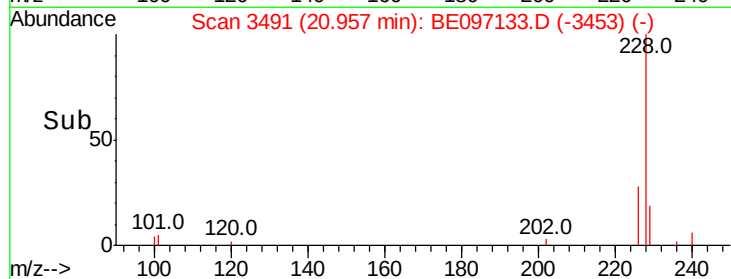
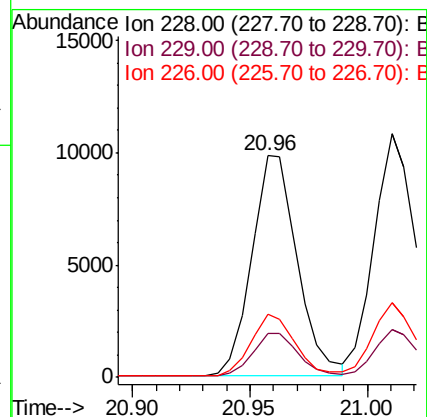
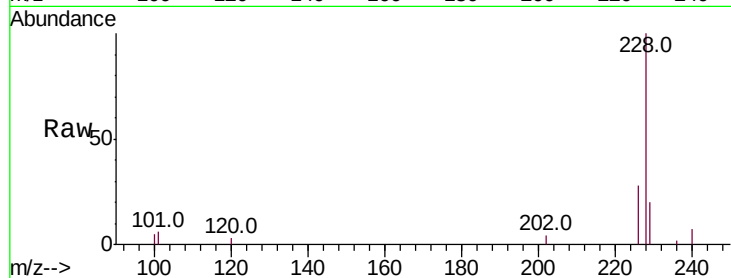
Tot Ion:228 Resp: 13291

Ion Ratio Lower Upper

228 100

229 19.7 22.8 34.2#

226 28.3 17.0 25.6#



#19

Chrysene

Concen: 0.395 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

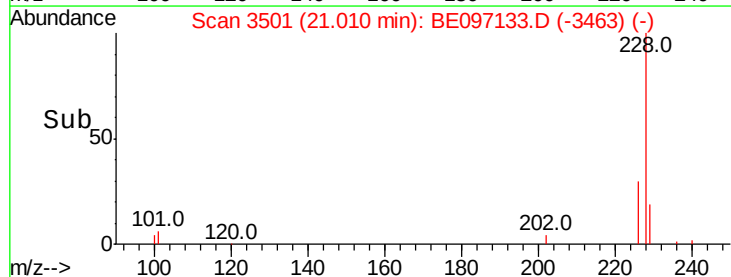
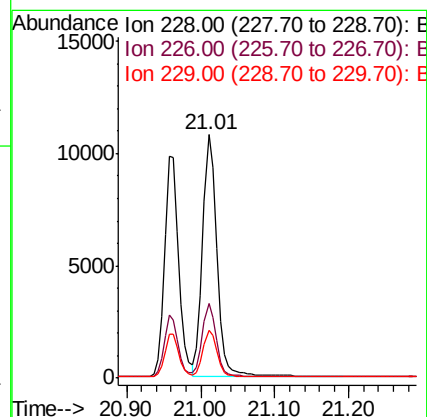
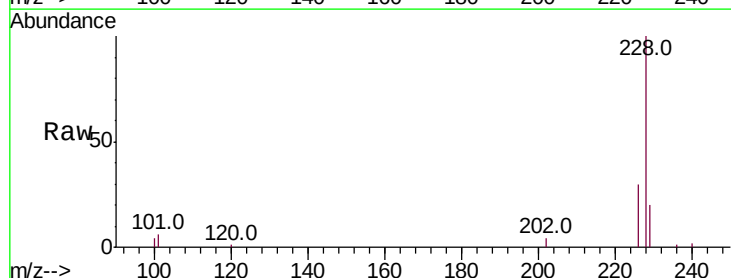
Tgt Ion:228 Resp: 14083

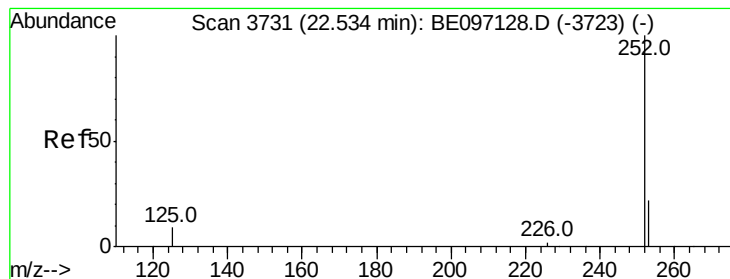
Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.386 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampleId :

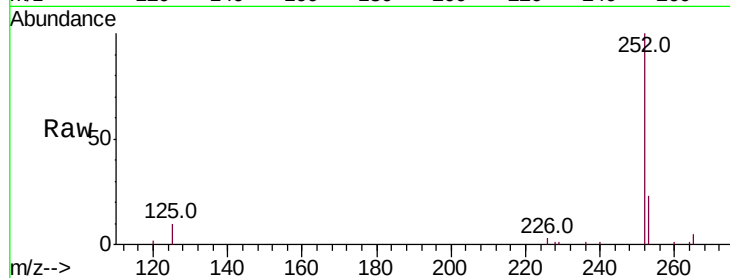
Tot Ion:252 Resp: 12343

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

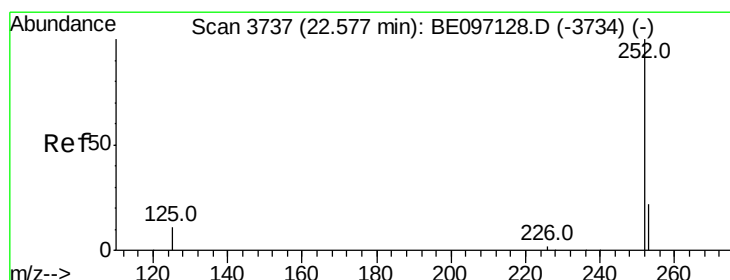
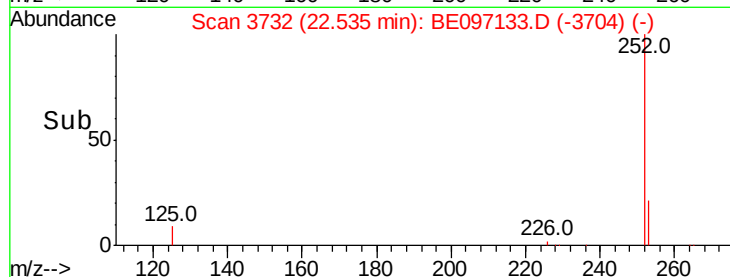
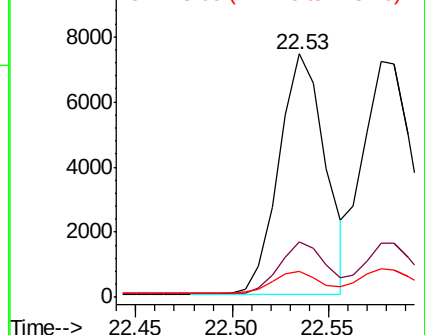
125 10.4 0.0 35.0



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: 0.397 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

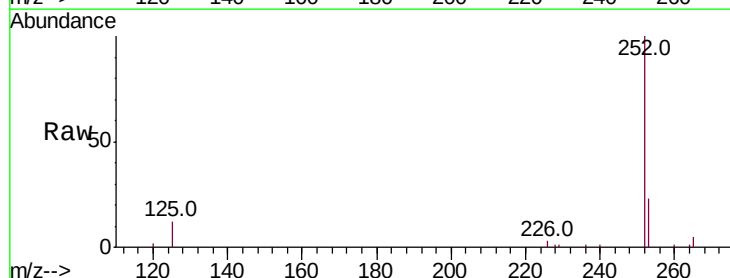
Tgt Ion:252 Resp: 13710

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

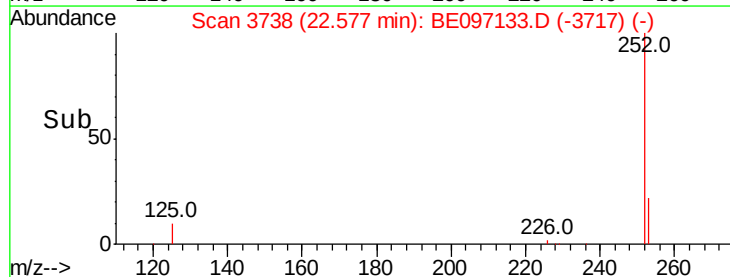
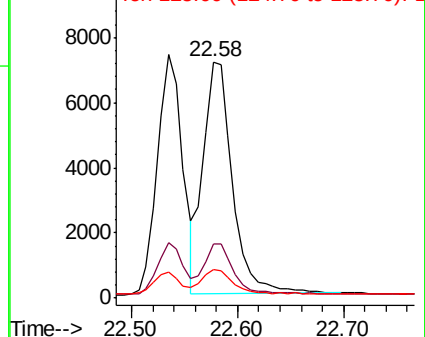
125 12.0 13.7 20.5#

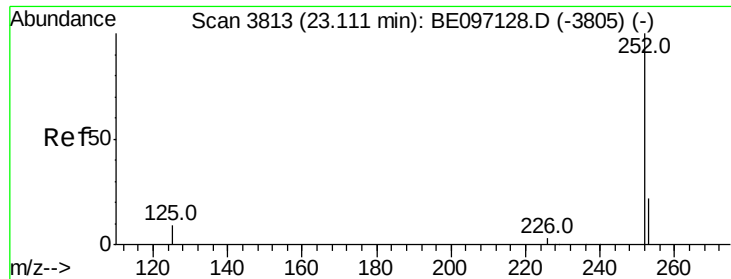


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

Instrument :

BNA_E

ClientSampleId :

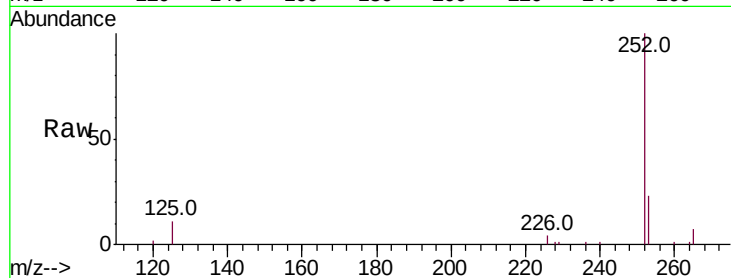
Tot Ion:252 Resp: 11943

Ion Ratio Lower Upper

252 100

253 23.3 28.5 42.7#

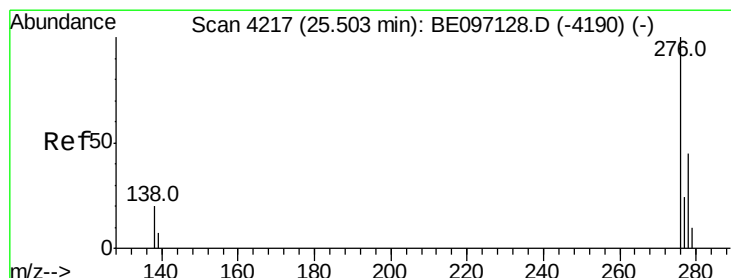
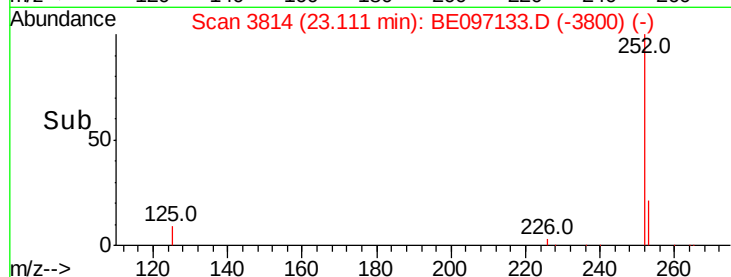
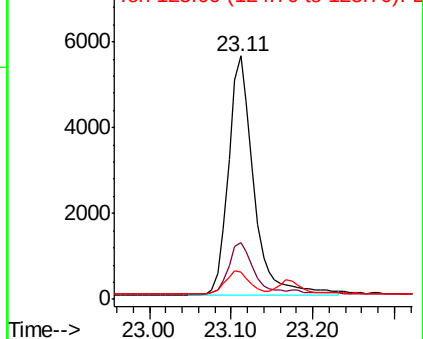
125 11.2 18.1 27.1#



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: 0.381 ng/ul

RT: 25.51 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BE097133.D

Acq: 1 Aug 2018 17:29

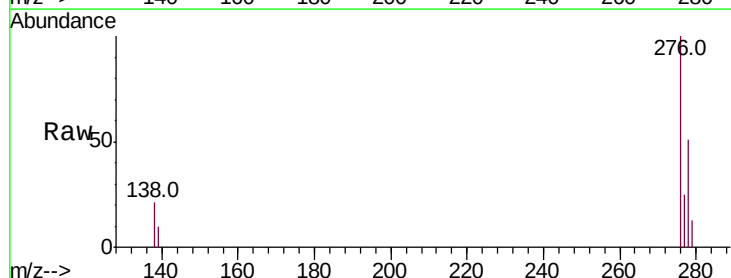
Tgt Ion:276 Resp: 15256

Ion Ratio Lower Upper

276 100

138 22.8 28.0 42.0#

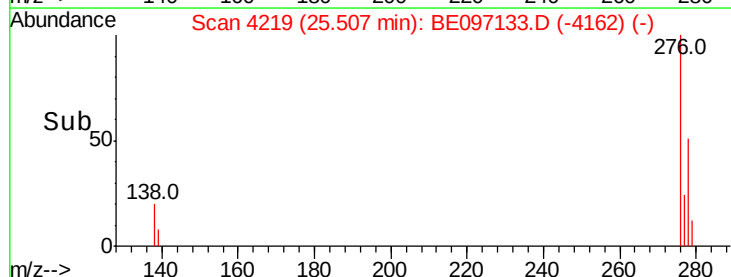
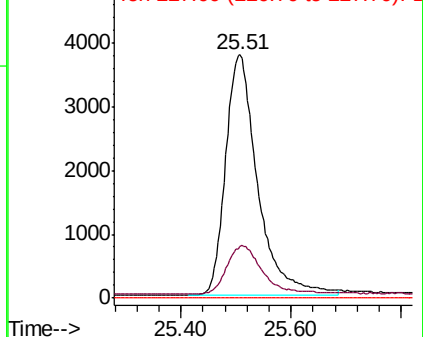
227 0.0 8.0 12.0#

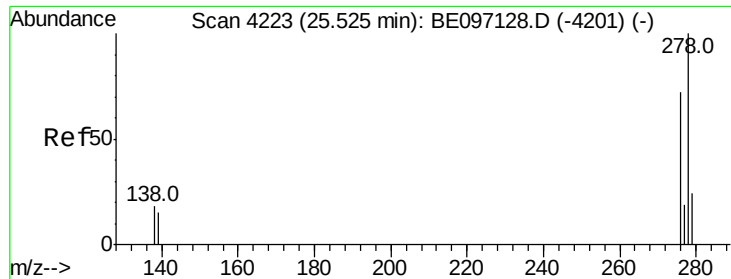


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

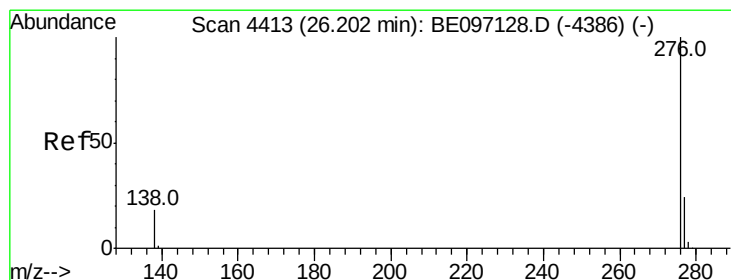
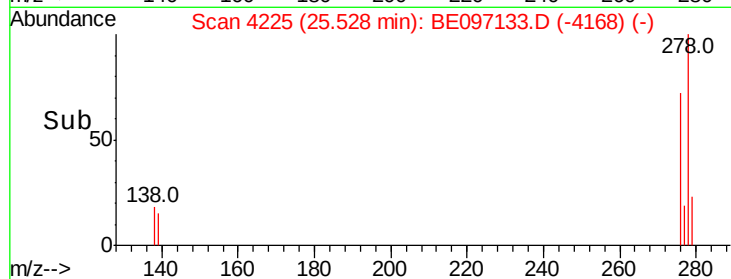
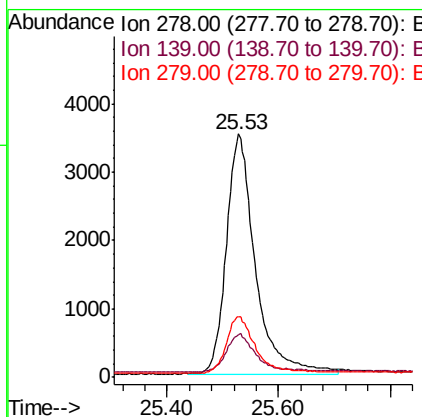
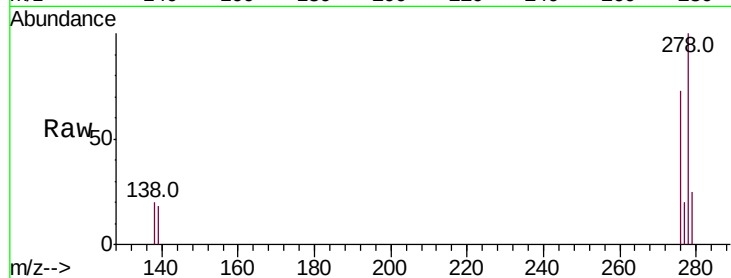




#25
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE097133.D
Acq: 1 Aug 2018 17:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 12631
Ion Ratio Lower Upper
278 100
139 17.5 17.4 26.0
279 24.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. -0.01 min
Lab File: BE097133.D
Acq: 1 Aug 2018 17:29

Tgt Ion:276 Resp: 13461
Ion Ratio Lower Upper
276 100
138 19.5 21.8 32.8#
277 25.4 20.5 30.7

