

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097226.D
 Acq On : 8 Aug 2018 9:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:24:44 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 : Mon Aug 06 15:47:33 2018
 Response via : Initial Calibration

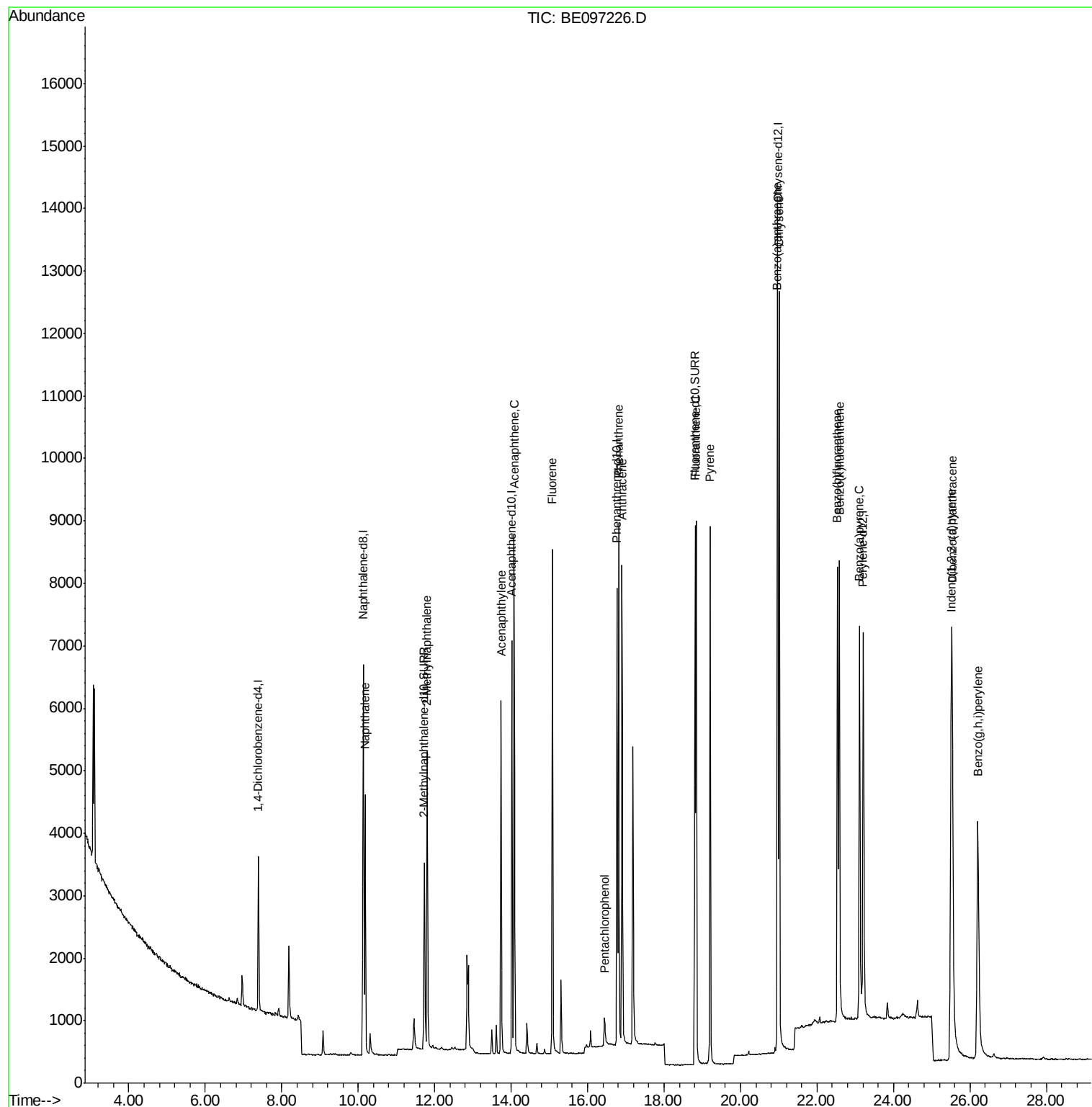
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1217	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3843	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8849	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8718	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8808	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4301	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	10077	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	6209	0.385	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	4262	0.400	ng/ul	98
7) Acenaphthylene	13.73	152	6601	0.397	ng/ul	96
8) Acenaphthene	14.08	153	4657	0.388	ng/ul#	94
9) Fluorene	15.08	166	5147	0.373	ng/ul#	93
11) Pentachlorophenol	16.45	266	366	0.289	ng/ul	97
12) Phenanthrene	16.81	178	8804	0.390	ng/ul#	89
13) Anthracene	16.90	178	8220	0.391	ng/ul#	92
15) Fluoranthene	18.84	202	9958	0.334	ng/ul	84
17) Pyrene	19.21	202	9760	0.418	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	9543	0.383	ng/ul#	84
19) Chrysene	21.01	228	10029	0.391	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	9241	0.385	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	10201	0.394	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	9475	0.394	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	11874	0.395	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	9742	0.396	ng/ul#	90
26) Benzo(g,h,i)perylene	26.21	276	10040	0.386	ng/ul#	93

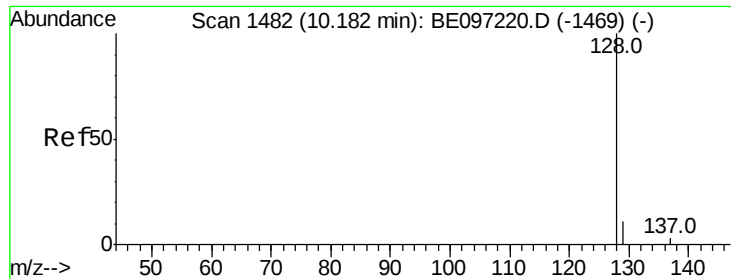
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.385 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

Instrument :

BNA_E

ClientSampleId :

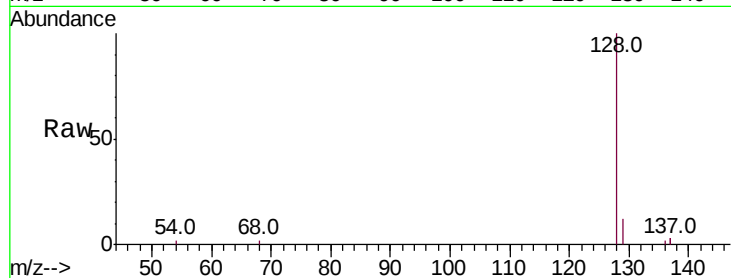
Tot Ion:128 Resp: 6209

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

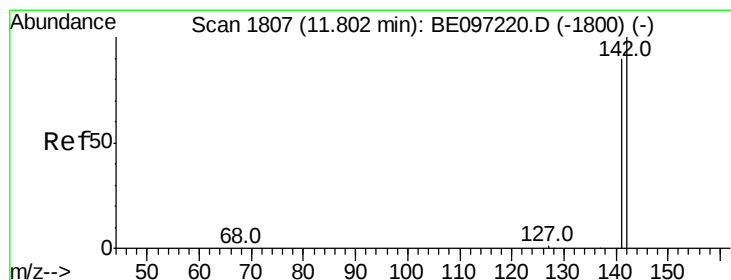
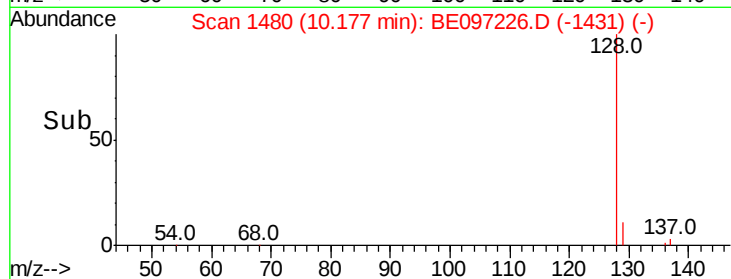
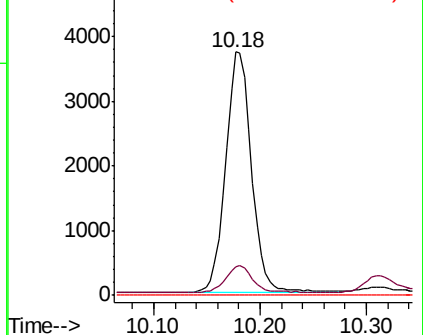
127 0.0 4.0 6.0#



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: 0.400 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097226.D

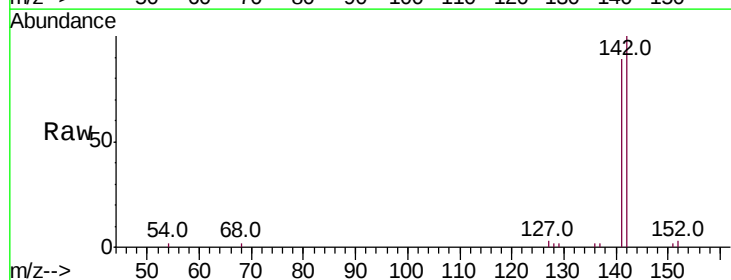
Acq: 8 Aug 2018 9:24

Tgt Ion:142 Resp: 4262

Ion Ratio Lower Upper

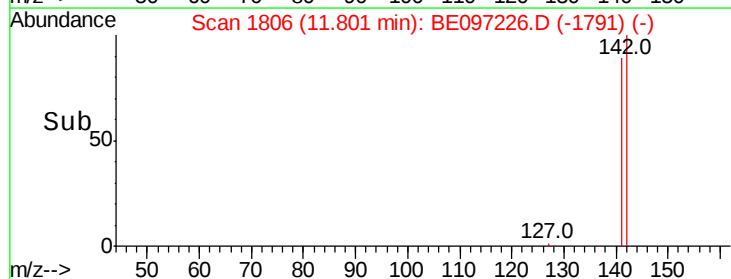
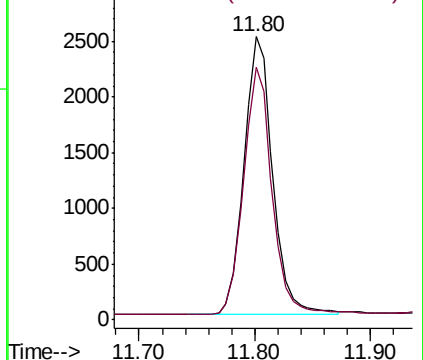
142 100

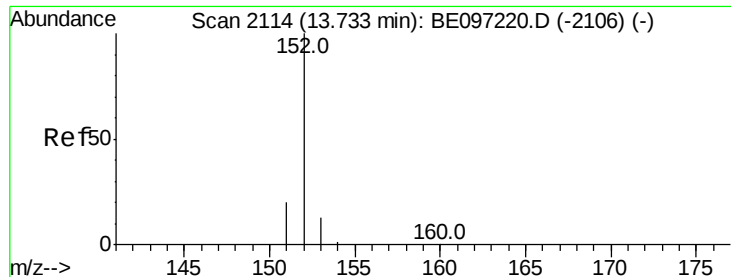
141 88.8 72.6 108.8



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: 13.73 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

Instrument :

BNA_E

ClientSampleId :

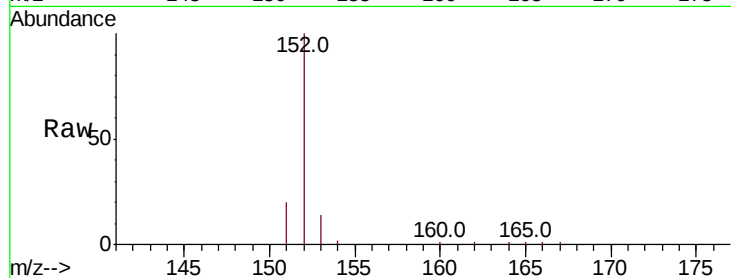
Tot Ion:152 Resp: 6601

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

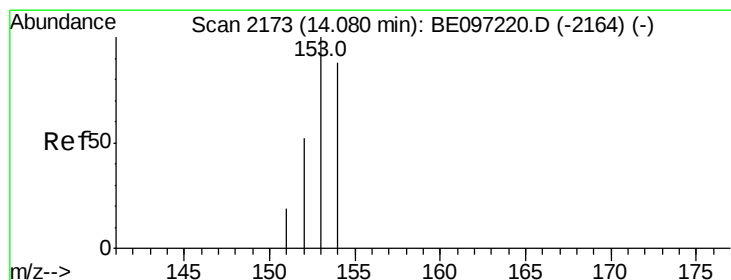
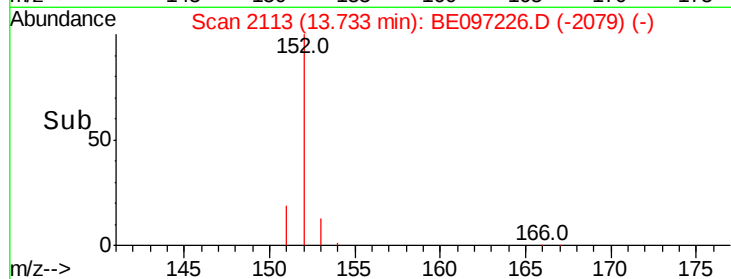
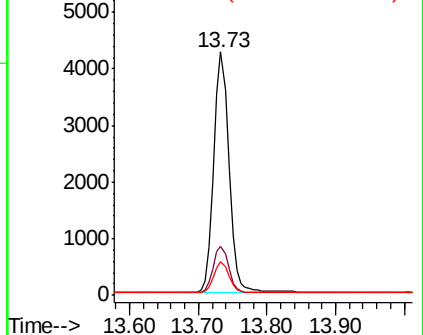
153 13.9 12.8 19.2



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: 0.388 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

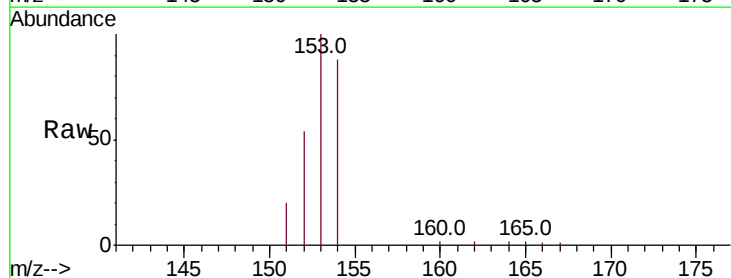
Tgt Ion:153 Resp: 4657

Ion Ratio Lower Upper

153 100

152 54.1 36.0 54.0#

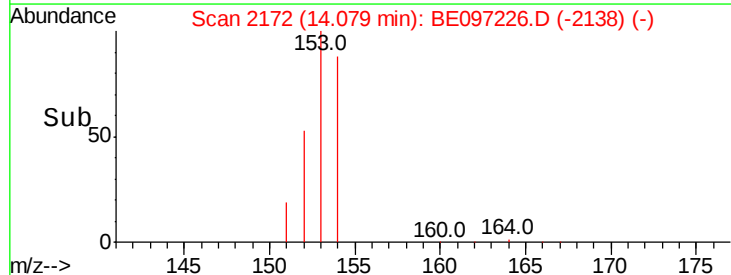
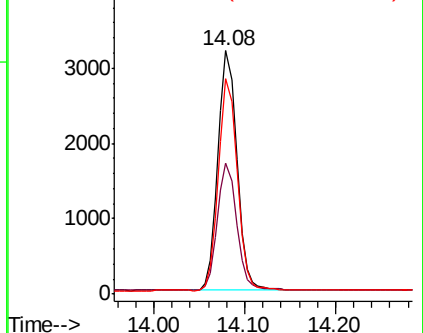
154 88.3 72.0 108.0

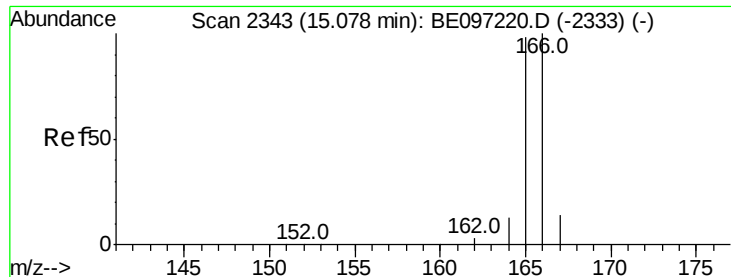


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

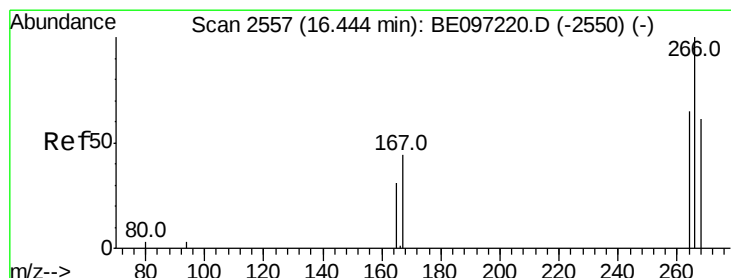
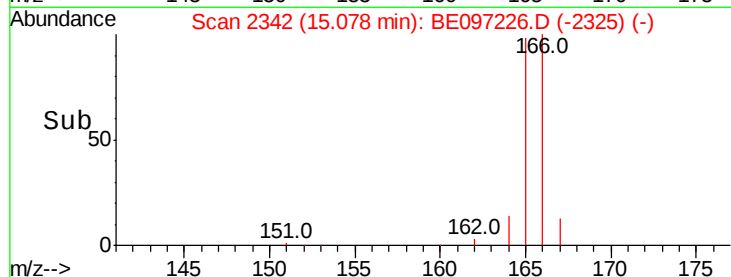
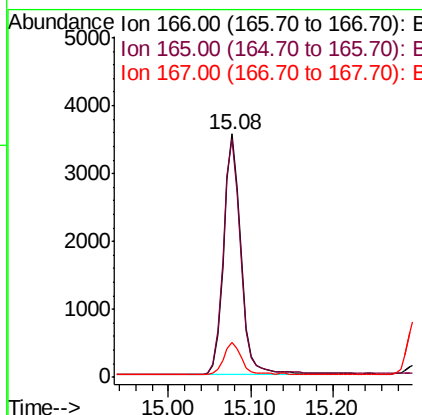
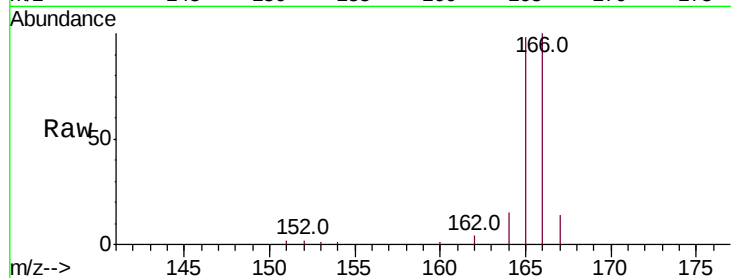




#9
Fluorene
 Concen: 0.373 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE097226.D
 Acq: 8 Aug 2018 9:24

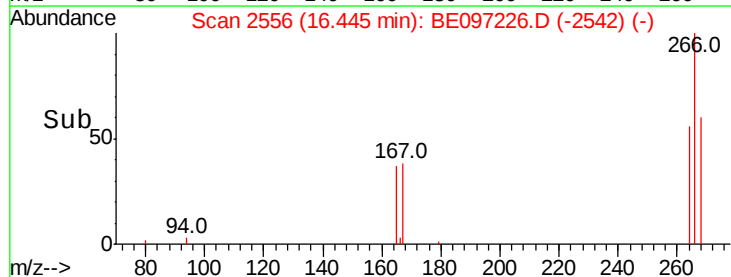
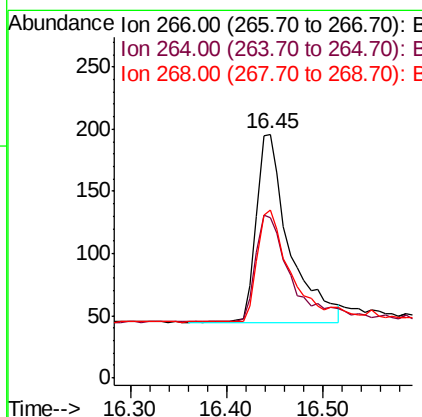
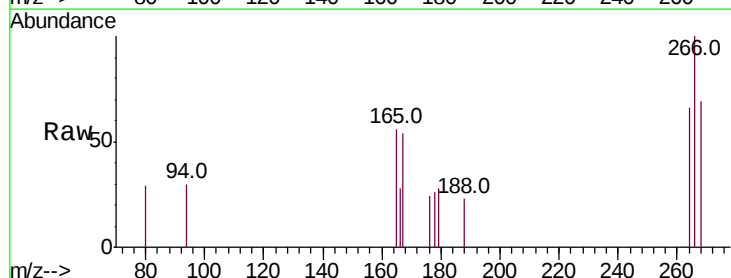
Instrument :
 BNA_E
 ClientSampleId :

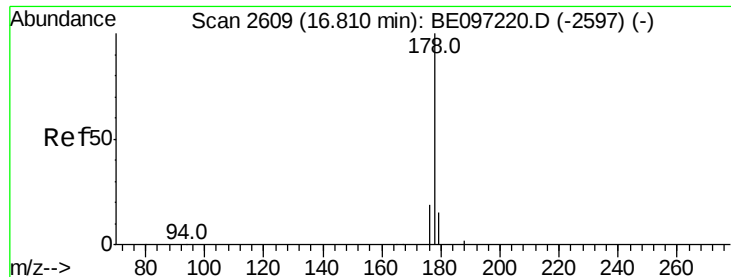
Tot Ion:166 Resp: 5147
 Ion Ratio Lower Upper
 166 100
 165 98.0 73.4 110.2
 167 14.4 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.289 ng/ul
 RT: 16.45 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BE097226.D
 Acq: 8 Aug 2018 9:24

Tgt Ion:266 Resp: 366
 Ion Ratio Lower Upper
 266 100
 264 59.0 47.9 71.9
 268 58.7 49.8 74.8

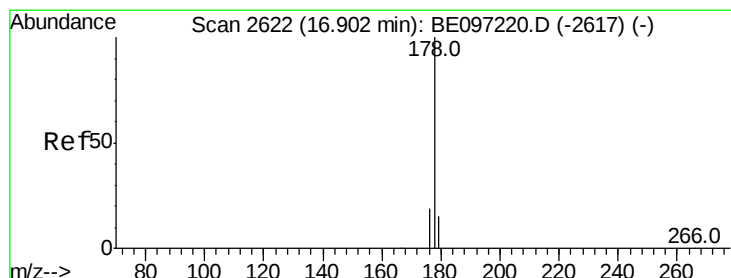
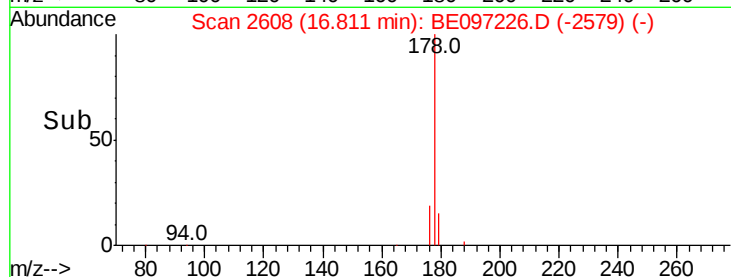
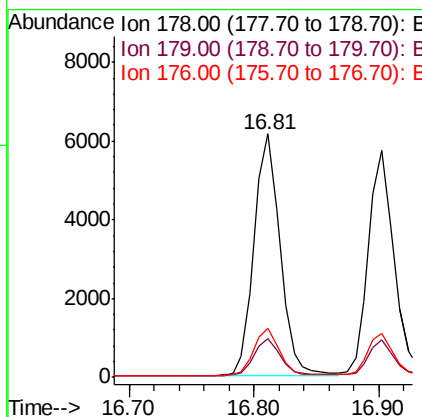
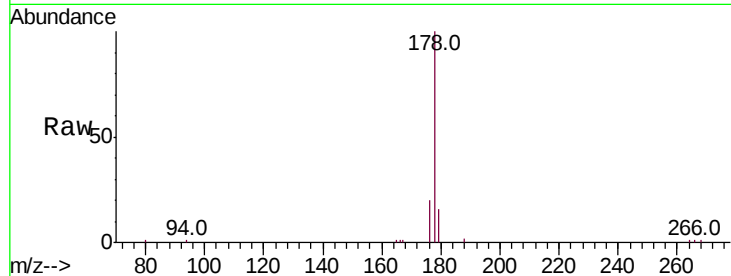




#12
Phenanthrene
Concen: 0.390 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

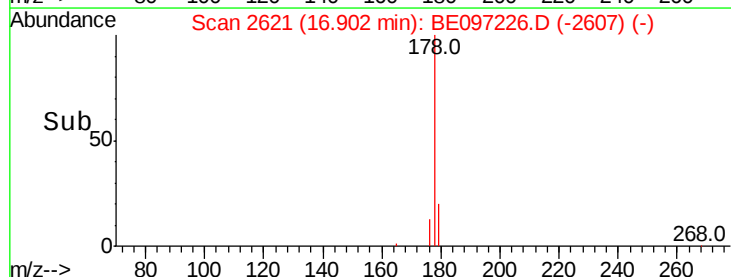
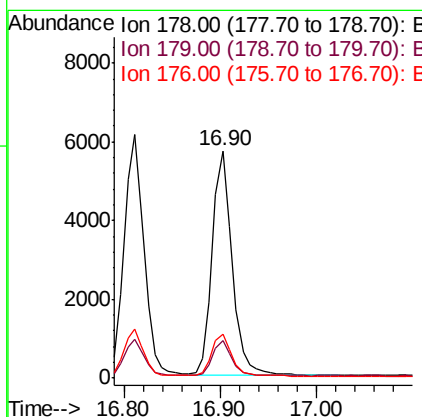
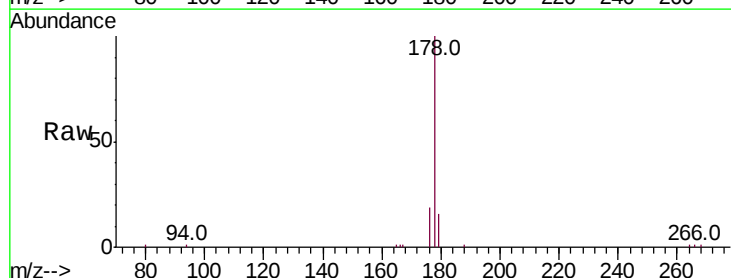
Instrument :
BNA_E
ClientSampleId :

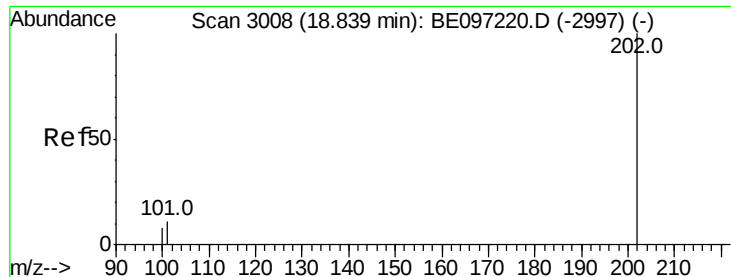
Tot Ion:178 Resp: 8804
Ion Ratio Lower Upper
178 100
179 15.9 18.4 27.6#
176 19.9 13.6 20.4



#13
Anthracene
Concen: 0.391 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

Tgt Ion:178 Resp: 8220
Ion Ratio Lower Upper
178 100
179 16.3 18.1 27.1#
176 19.3 14.7 22.1

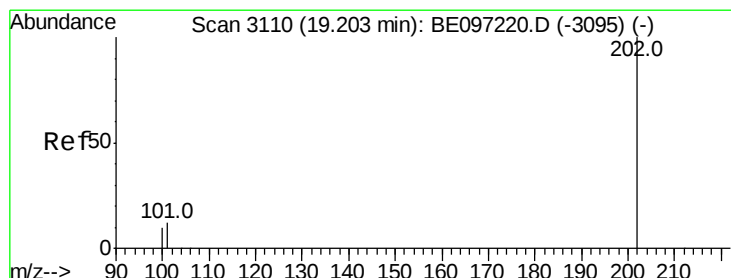
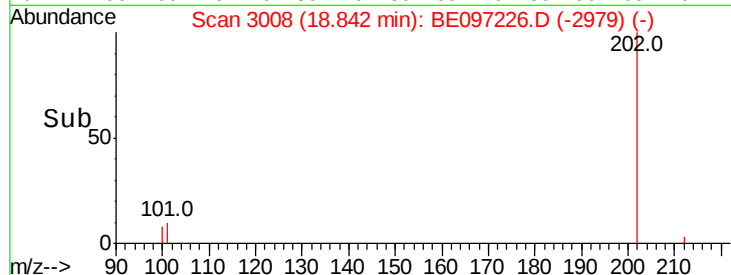
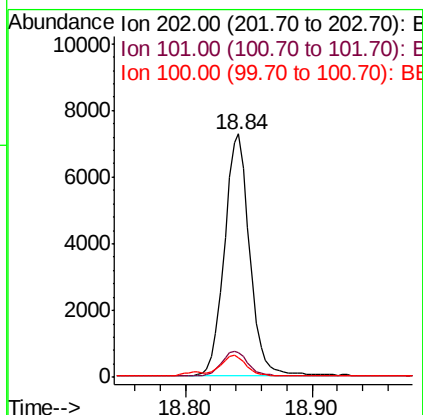
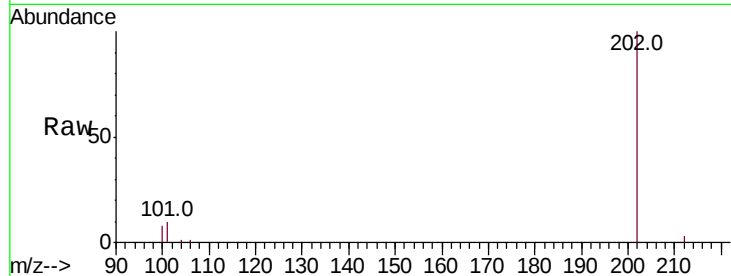




#15
Fluoranthene
 Concen: 0.334 ng/ul
 RT: 18.84 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE097226.D
 Acq: 8 Aug 2018 9:24

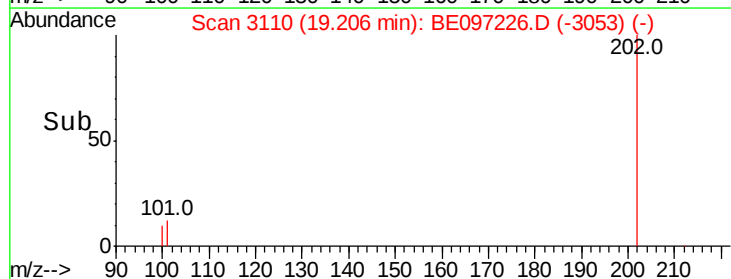
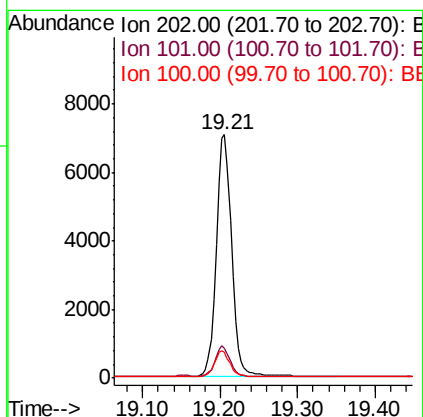
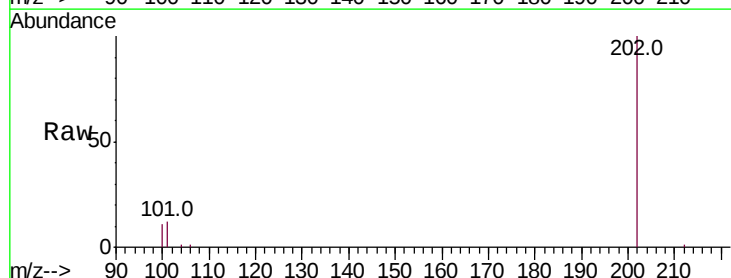
Instrument :
 BNA_E
 ClientSampleId :

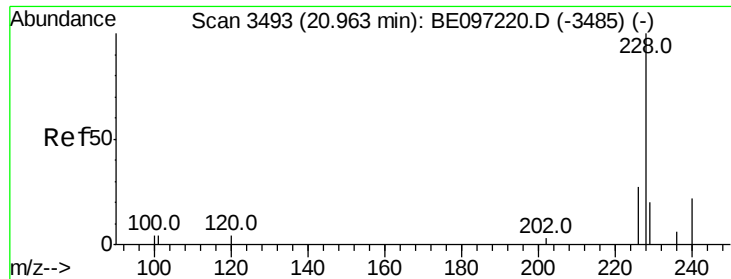
Tot Ion:202 Resp: 9958
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.3
 100 8.1 0.0 39.5



#17
Pyrene
 Concen: 0.418 ng/ul
 RT: 19.21 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BE097226.D
 Acq: 8 Aug 2018 9:24

Tgt Ion:202 Resp: 9760
 Ion Ratio Lower Upper
 202 100
 101 12.3 18.2 27.4#
 100 10.8 15.6 23.4#

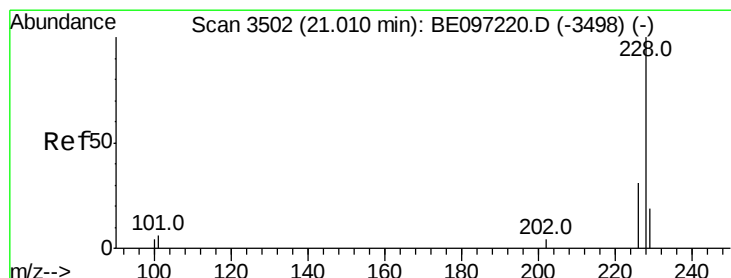
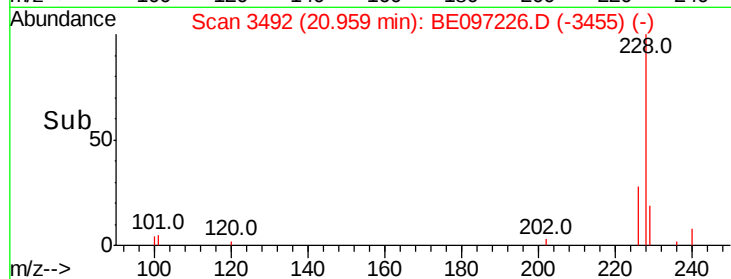
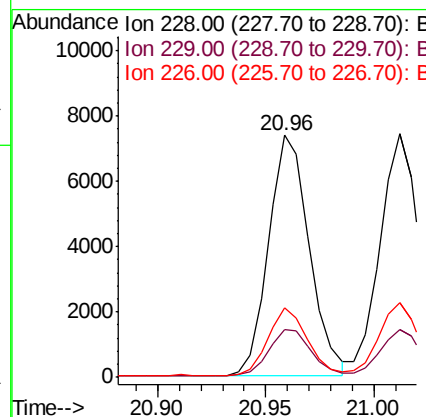
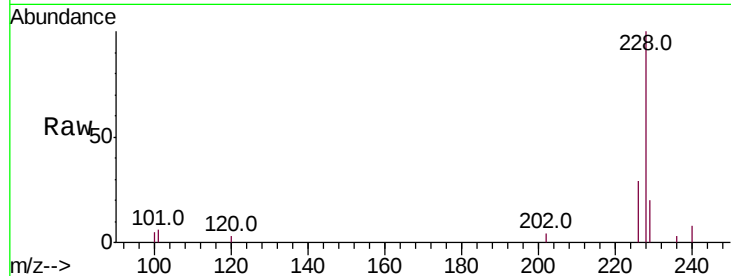




#18
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

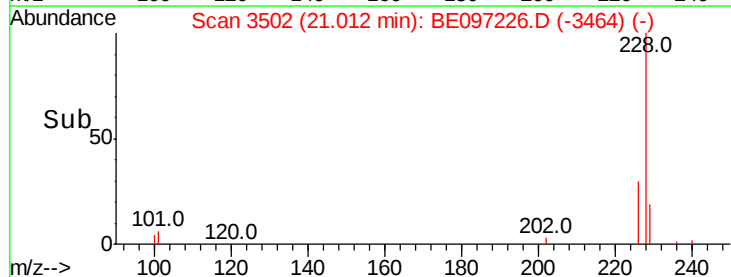
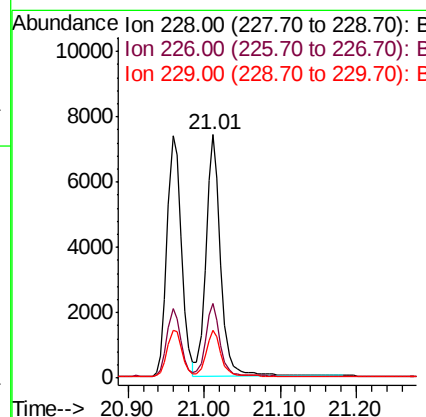
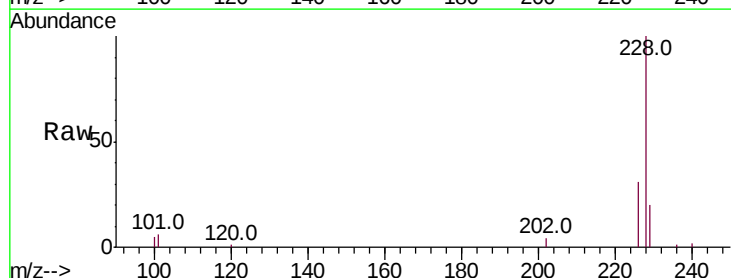
Instrument :
BNA_E
ClientSampleId :

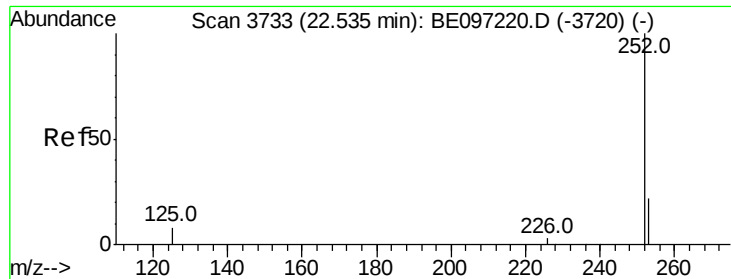
Tot Ion:228 Resp: 9543
Ion Ratio Lower Upper
228 100
229 19.7 22.8 34.2#
226 28.6 17.0 25.6#



#19
Chrysene
Concen: 0.391 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

Tgt Ion:228 Resp: 10029
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 19.6 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.385 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

Instrument :

BNA_E

ClientSampleId :

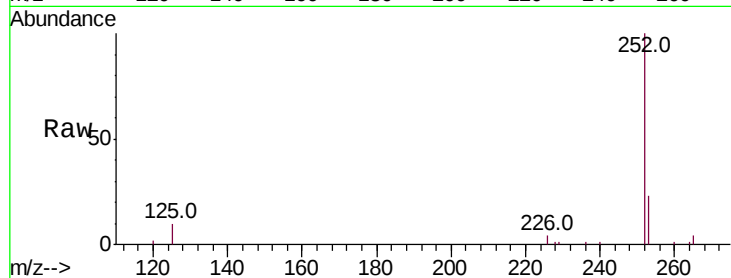
Tot Ion:252 Resp: 9241

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

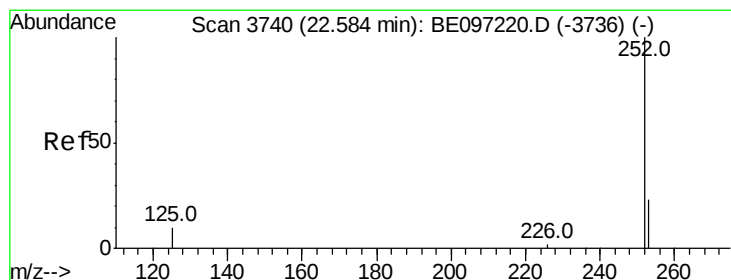
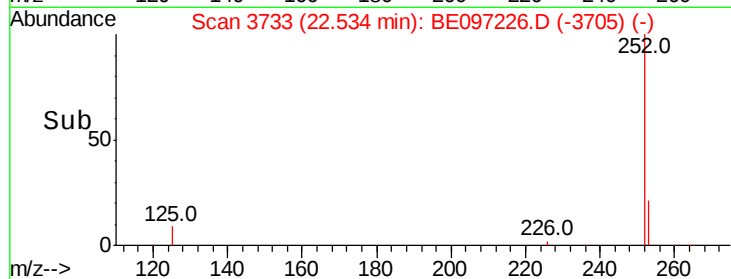
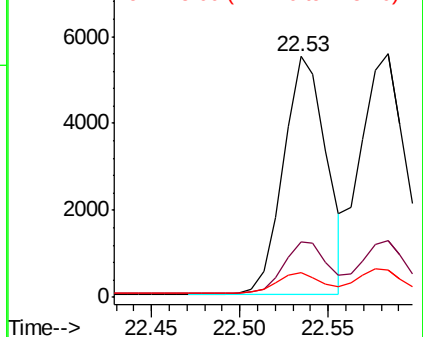
125 10.5 0.0 35.0



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: 0.394 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

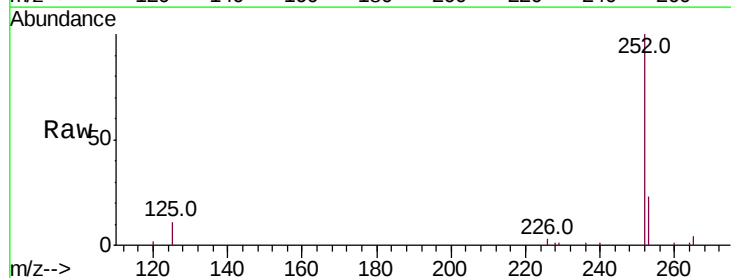
Tgt Ion:252 Resp: 10201

Ion Ratio Lower Upper

252 100

253 23.4 24.5 36.7#

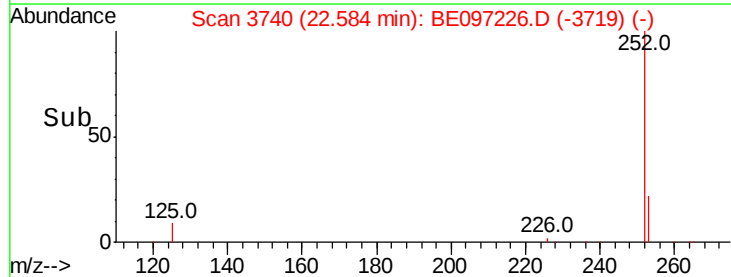
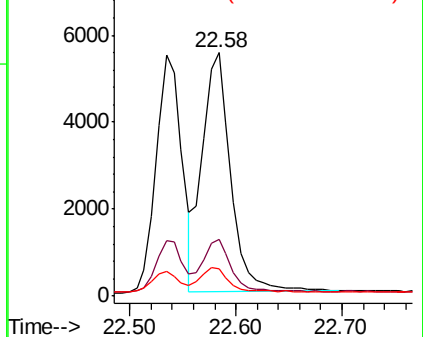
125 11.0 13.7 20.5#

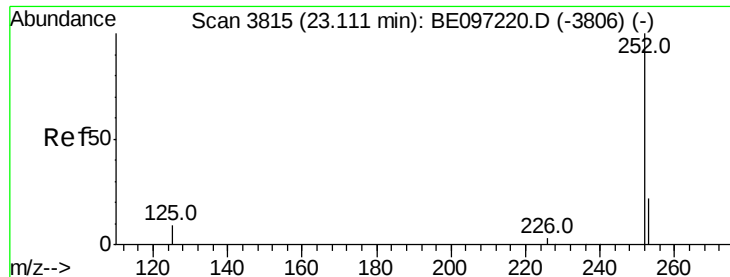


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.11 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

Instrument :

BNA_E

ClientSampleId :

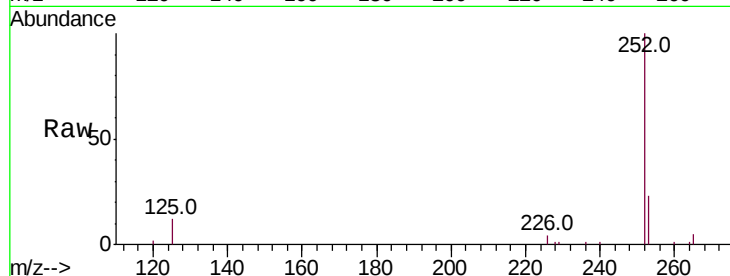
Tot Ion:252 Resp: 9475

Ion Ratio Lower Upper

252 100

253 23.2 28.5 42.7#

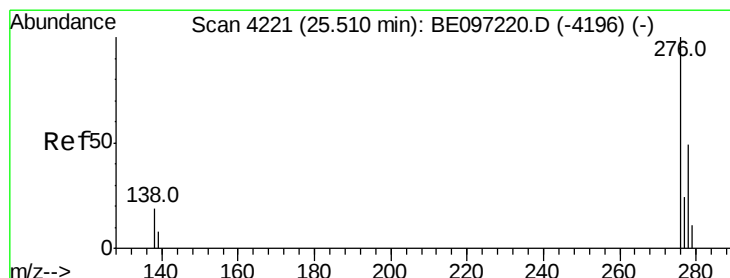
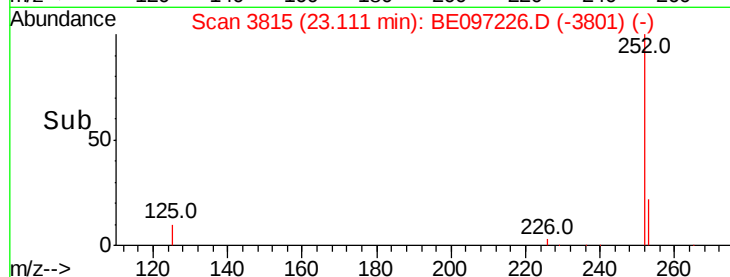
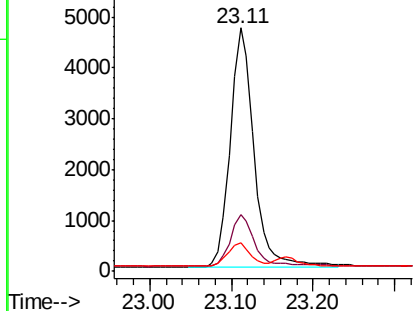
125 11.5 18.1 27.1#



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: 0.395 ng/ul

RT: 25.51 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BE097226.D

Acq: 8 Aug 2018 9:24

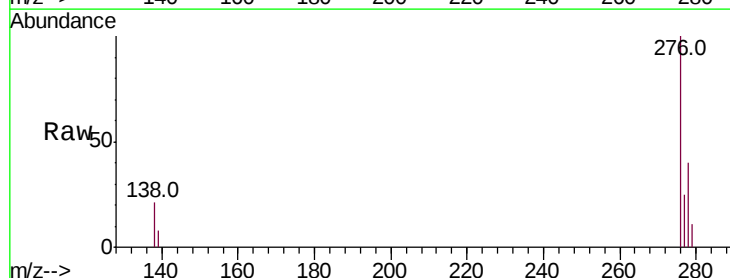
Tgt Ion:276 Resp: 11874

Ion Ratio Lower Upper

276 100

138 21.7 28.0 42.0#

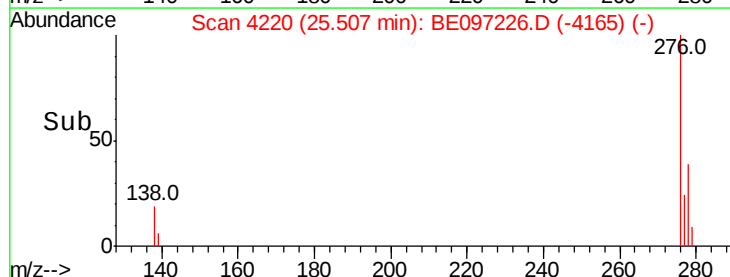
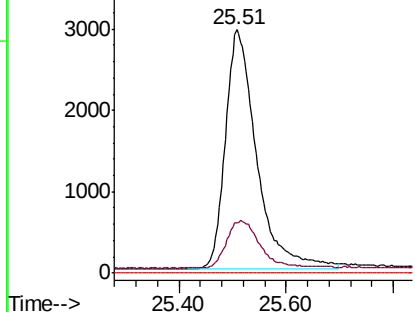
227 0.0 8.0 12.0#

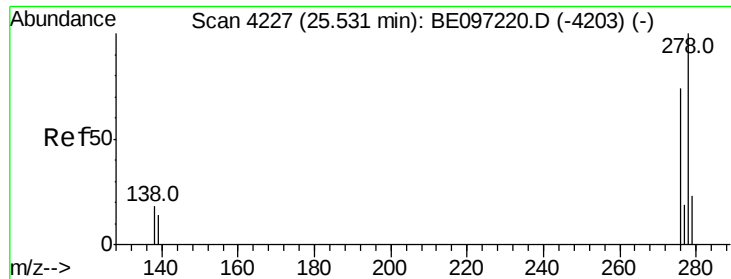


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

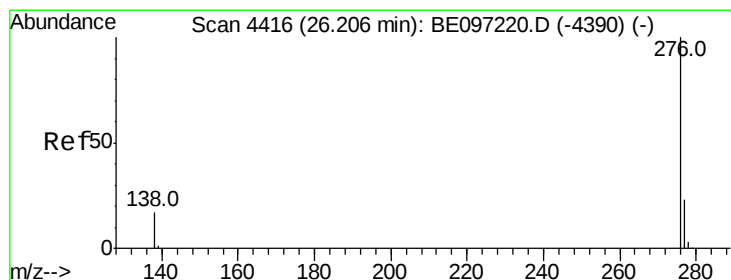
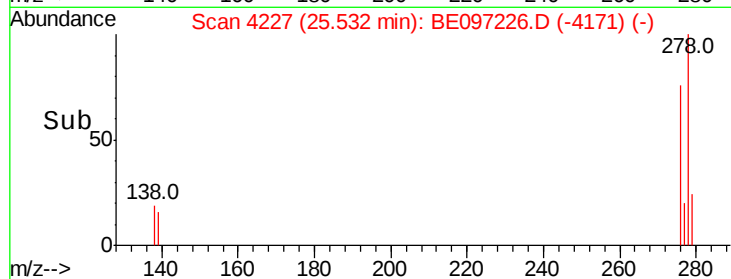
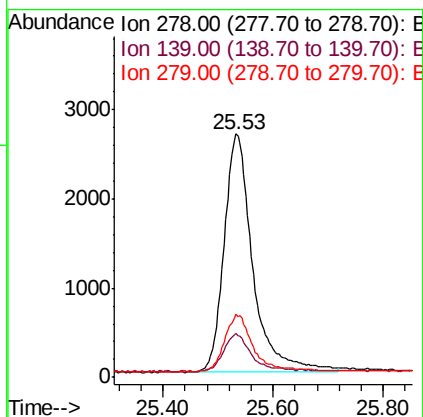
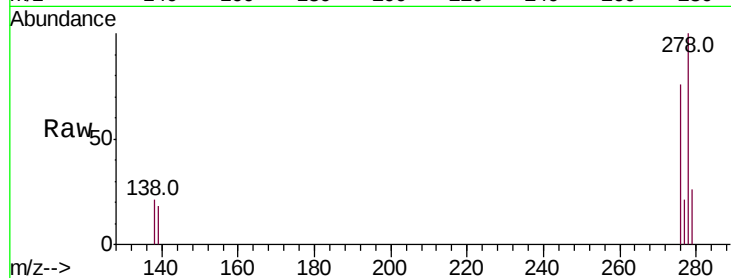




#25
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.53 min Scan# 4227
Delta R.T. 0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 9742
Ion Ratio Lower Upper
278 100
139 18.0 17.4 26.0
279 25.7 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. 0.00 min
Lab File: BE097226.D
Acq: 8 Aug 2018 9:24

Tgt Ion:276 Resp: 10040
Ion Ratio Lower Upper
276 100
138 20.5 21.8 32.8#
277 25.4 20.5 30.7

