

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
 Data File : BE097128.D
 Acq On : 1 Aug 2018 13:42
 Operator : SJ/JU
 Sample : SSTD0.475
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 01 14:22:31 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 14:22:12 2018
 Response via : Initial Calibration

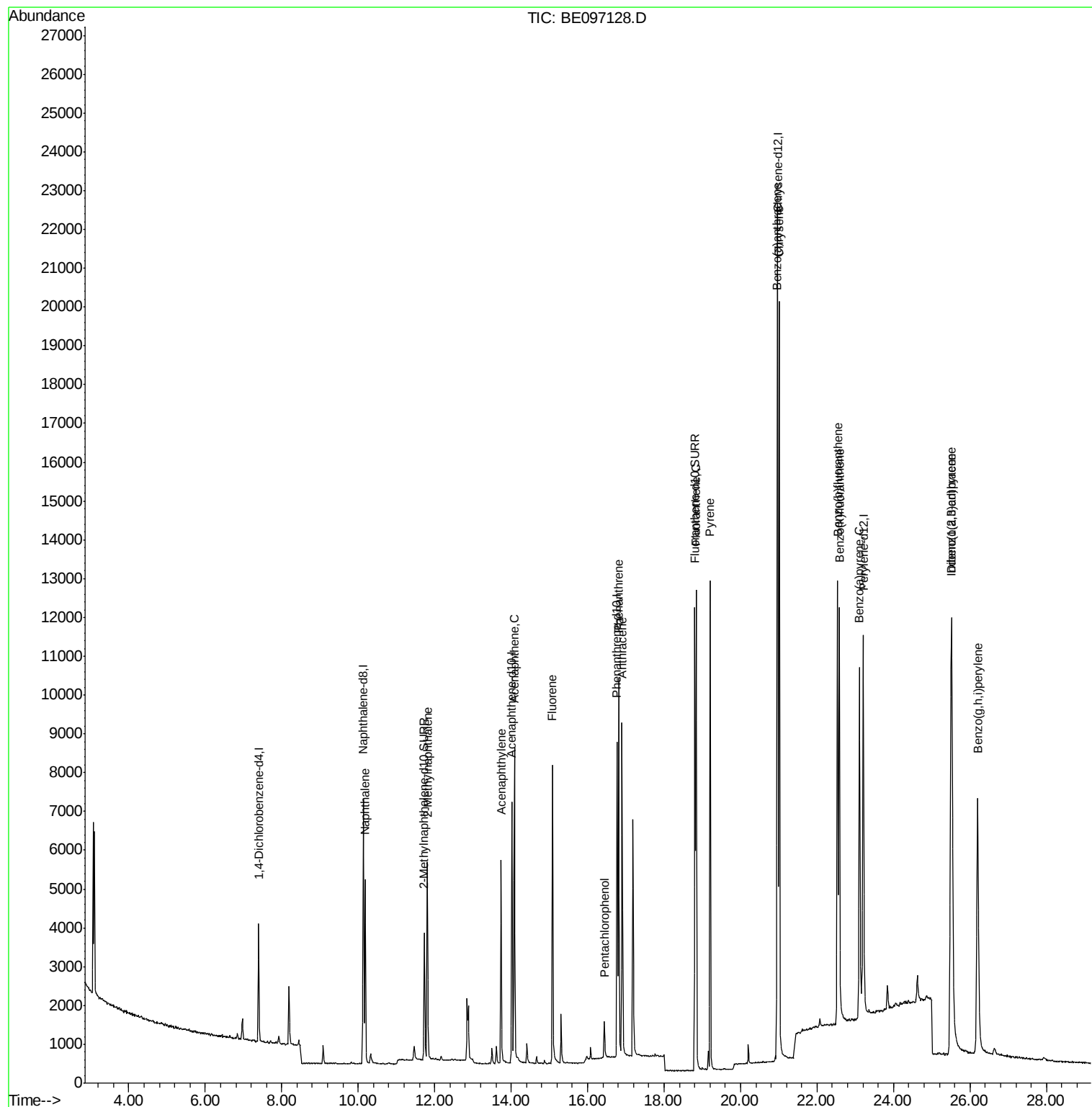
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1463	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7065	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3864	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10474	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	13426	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13532	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4539	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	13933	0.53	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	6850	0.401	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	4502	0.387	ng/ul	97
7) Acenaphthylene	13.74	152	6676	0.422	ng/ul	97
8) Acenaphthene	14.08	153	4882	0.373	ng/ul	97
9) Fluorene	15.08	166	5558	0.412	ng/ul	93
11) Pentachlorophenol	16.44	266	536	0.782	ng/ul	93
12) Phenanthrene	16.81	178	10531	0.390	ng/ul#	89
13) Anthracene	16.90	178	9802	0.427	ng/ul#	92
15) Fluoranthene	18.84	202	13653	0.475	ng/ul	84
17) Pyrene	19.20	202	14276	0.324	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	15032	0.475	ng/ul#	84
19) Chrysene	21.01	228	15664	0.382	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	14405	0.390	ng/ul	85
22) Benzo(k)fluoranthene	22.58	252	15459	0.383	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	14531	0.465	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.50	276	18541	0.572	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.52	278	15113	0.587	ng/ul#	93
26) Benzo(g,h,i)perylene	26.20	276	16126	0.512	ng/ul#	94

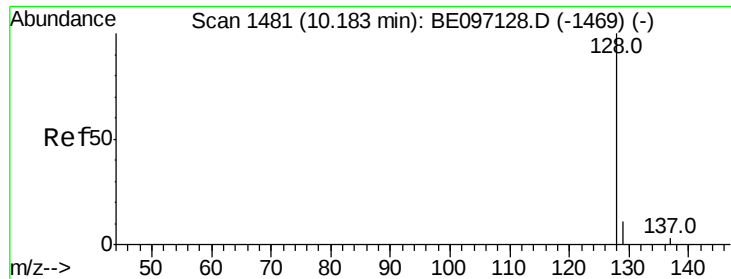
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080118\
Data File : BE097128.D
Acq On : 1 Aug 2018 13:42
Operator : SJ/JU
Sample : SST0.475
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 01 14:22:31 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 14:22:12 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

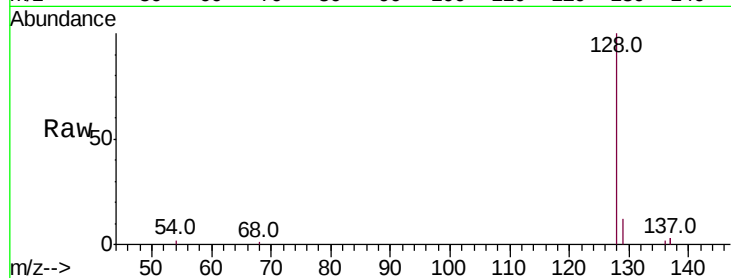
Tot Ion:128 Resp: 6850

Ion Ratio Lower Upper

128 100

129 12.2 11.3 16.9

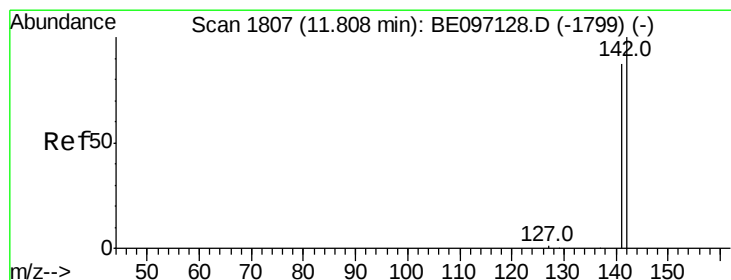
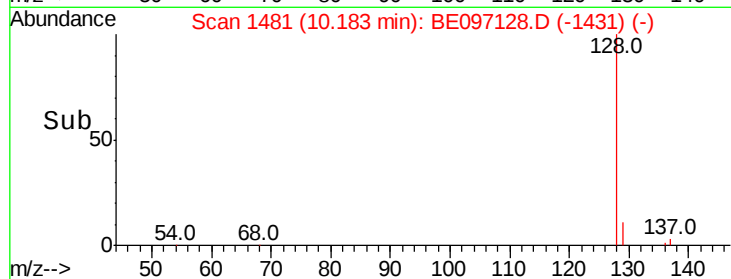
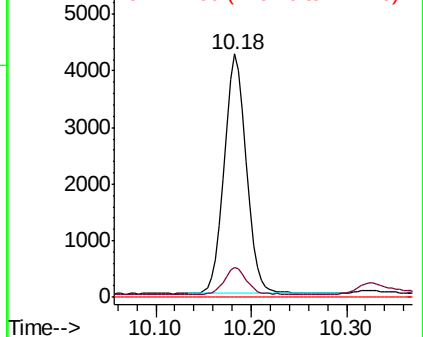
127 0.0 4.0 6.0#



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: 0.387 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097128.D

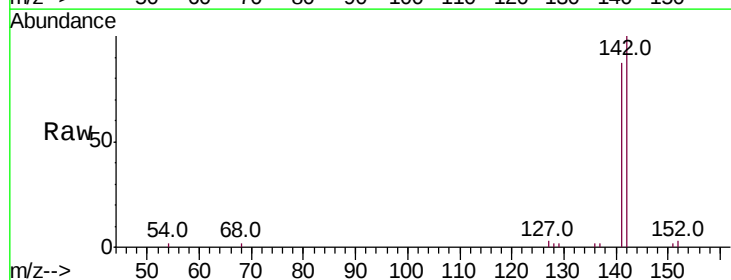
Acq: 1 Aug 2018 13:42

Tgt Ion:142 Resp: 4502

Ion Ratio Lower Upper

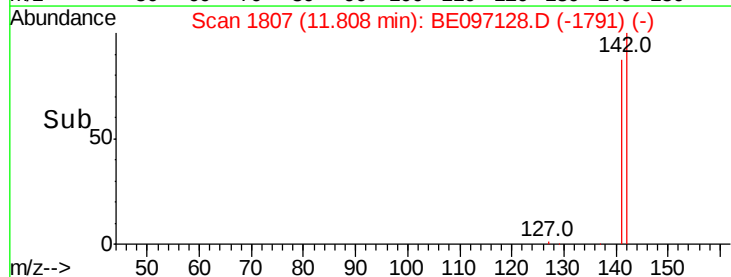
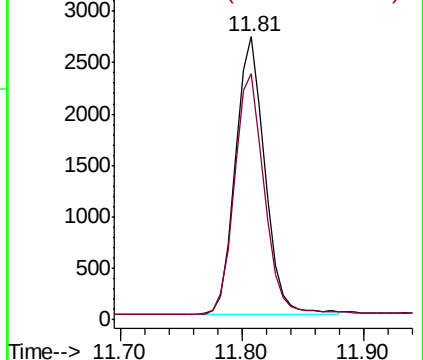
142 100

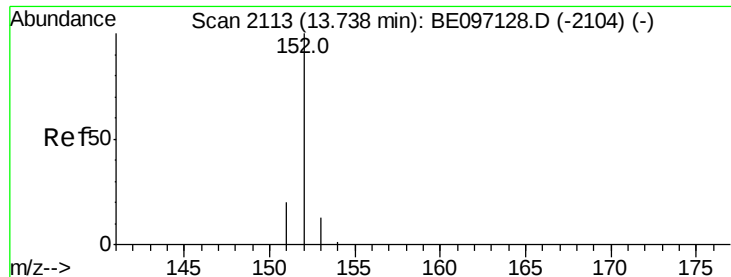
141 88.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.422 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

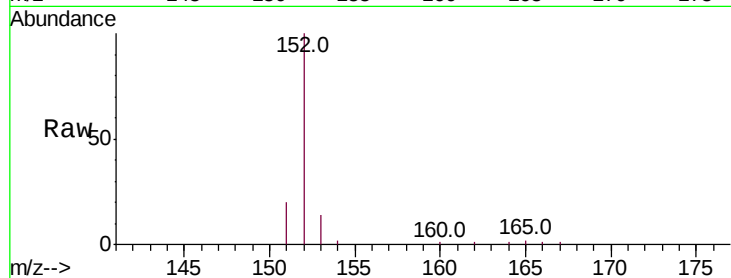
Tot Ion:152 Resp: 6676

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

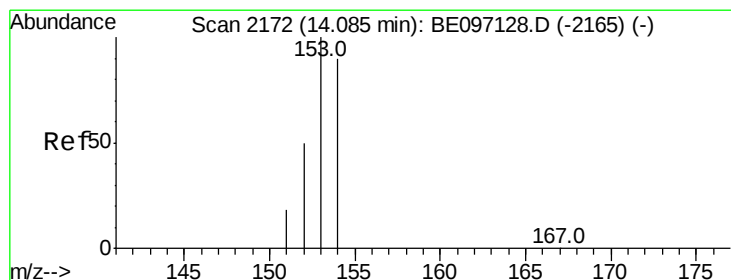
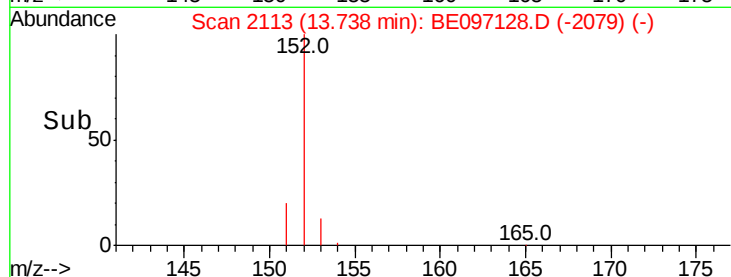
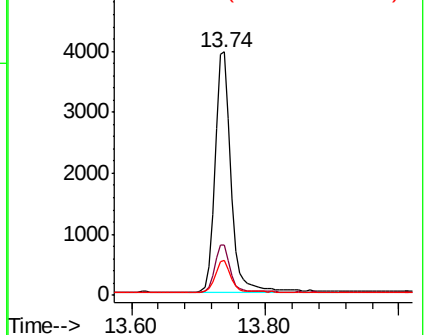
153 14.4 12.8 19.2



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: 0.373 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

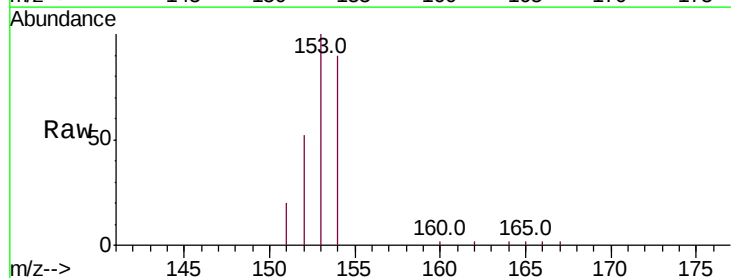
Tgt Ion:153 Resp: 4882

Ion Ratio Lower Upper

153 100

152 51.5 36.0 54.0

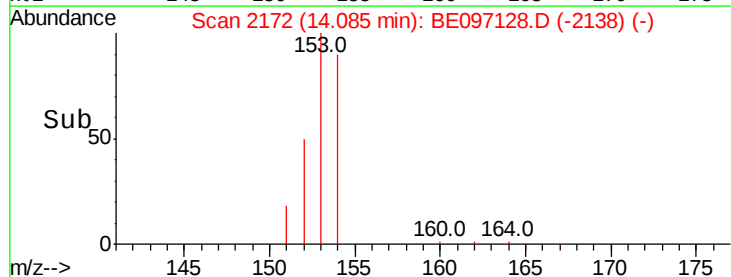
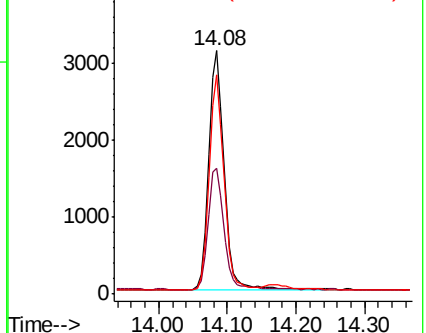
154 90.0 72.0 108.0

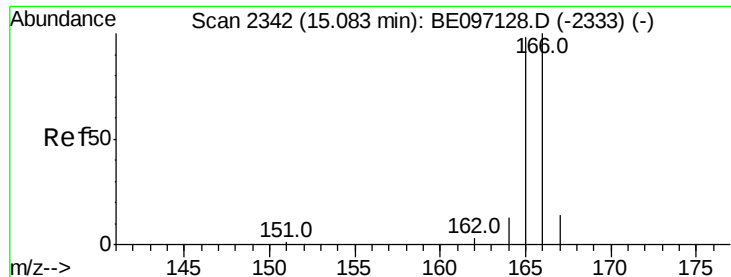


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.412 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

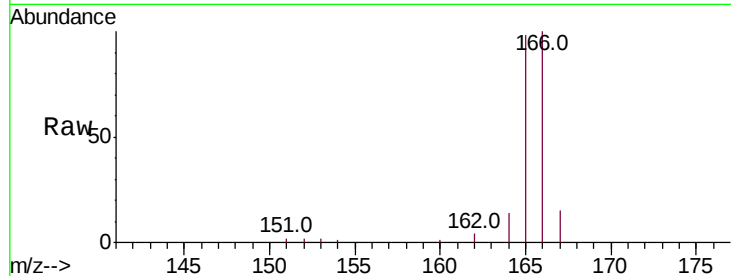
Tot Ion:166 Resp: 5558

Ion Ratio Lower Upper

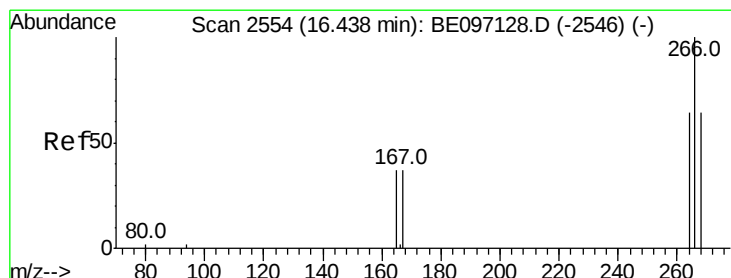
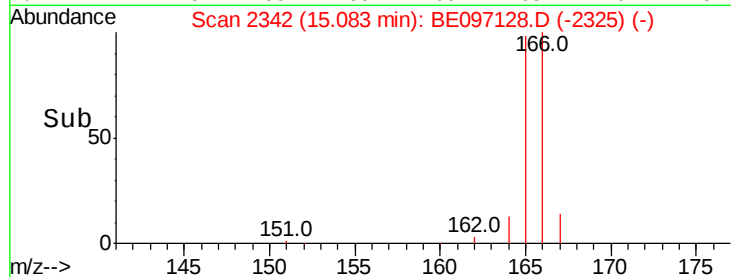
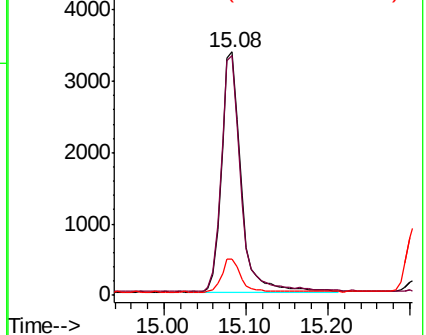
166 100

165 98.4 73.4 110.2

167 14.9 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: 0.782 ng/ul

RT: 16.44 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

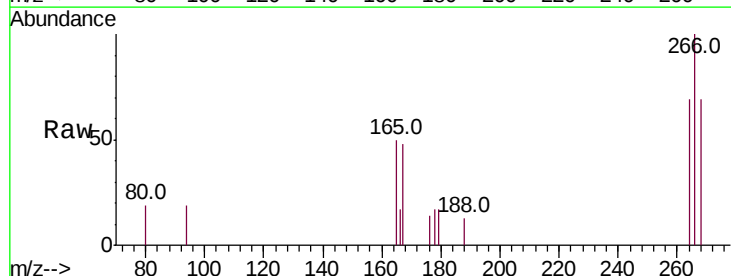
Tgt Ion:266 Resp: 536

Ion Ratio Lower Upper

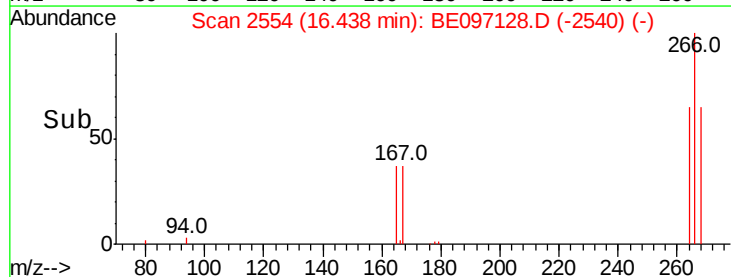
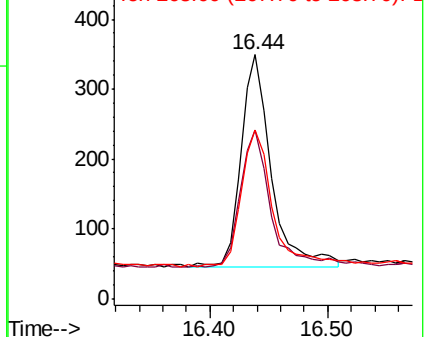
266 100

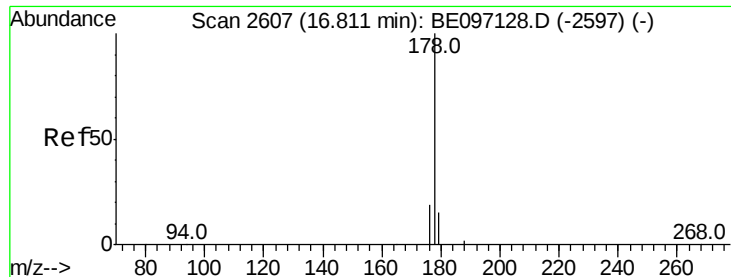
264 64.4 47.9 71.9

268 67.9 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: 0.390 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

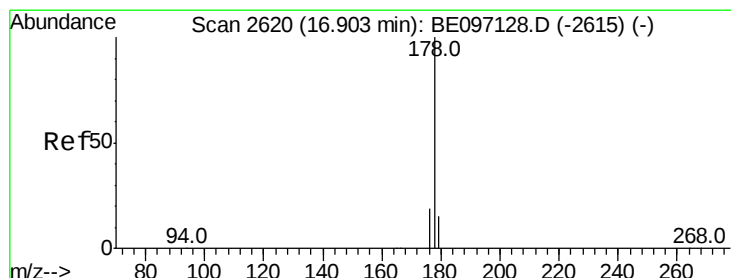
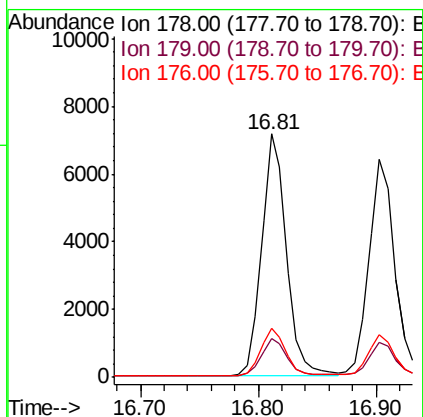
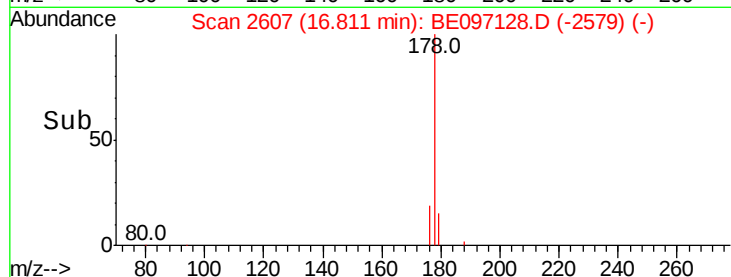
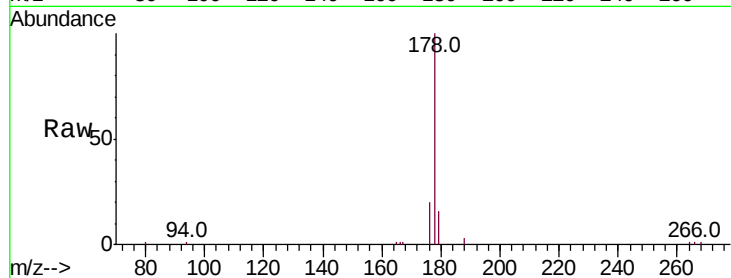
Tot Ion:178 Resp: 10531

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.427 ng/ul

RT: 16.90 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

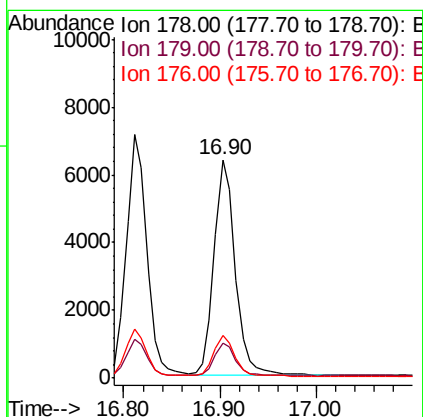
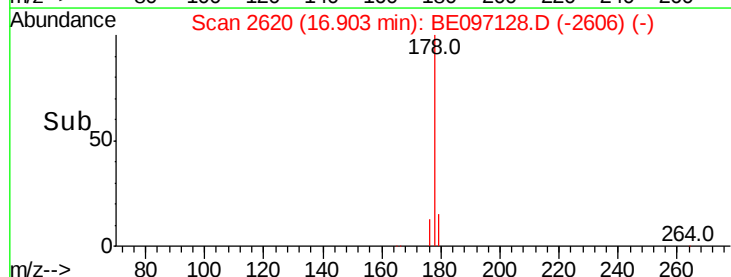
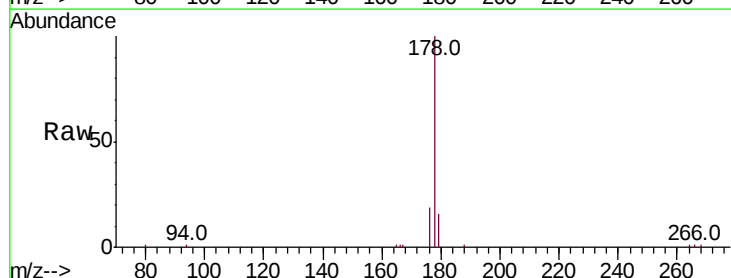
Tgt Ion:178 Resp: 9802

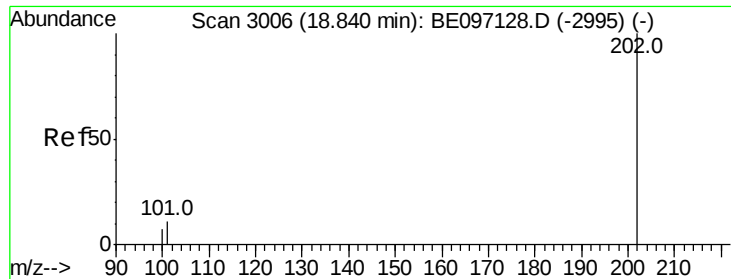
Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

176 19.5 14.7 22.1

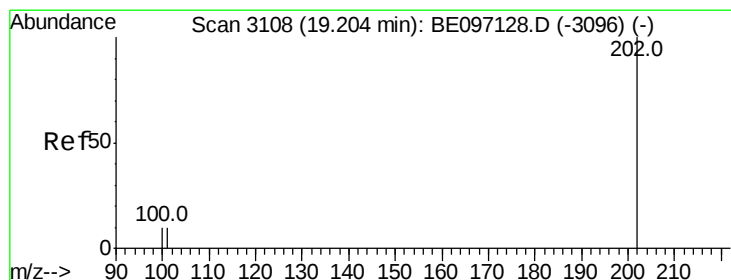
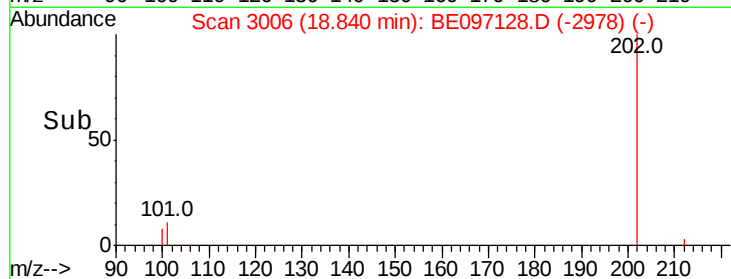
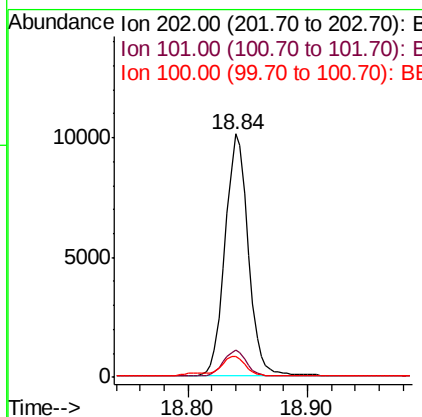
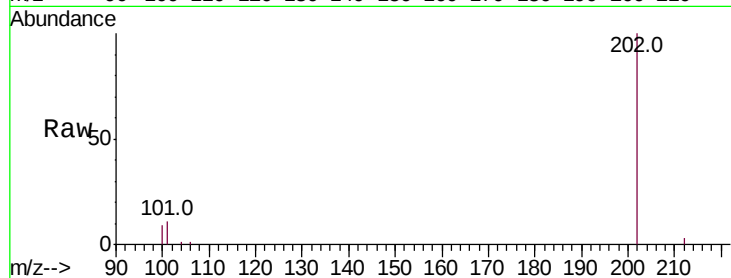




#15
Fluoranthene
 Concen: 0.475 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BE097128.D
 Acq: 1 Aug 2018 13:42

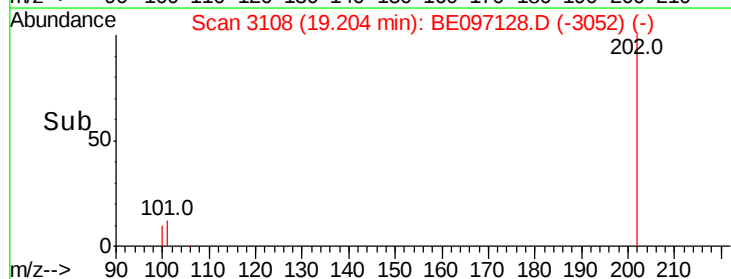
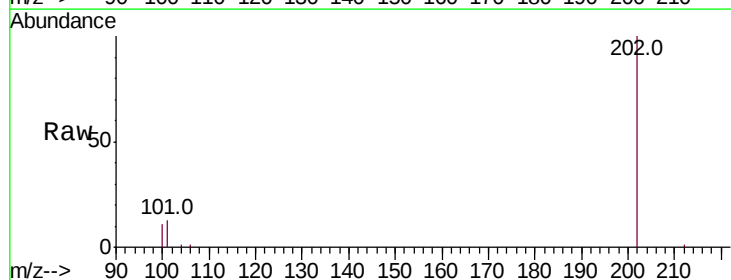
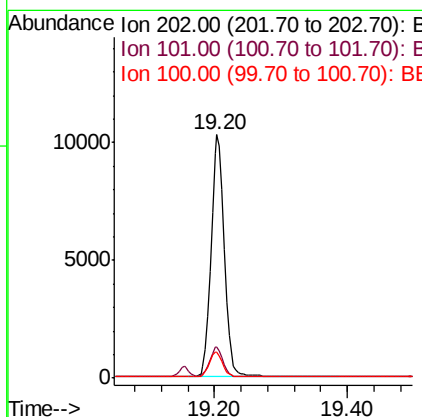
Instrument :
 BNA_E
 ClientSampleId :

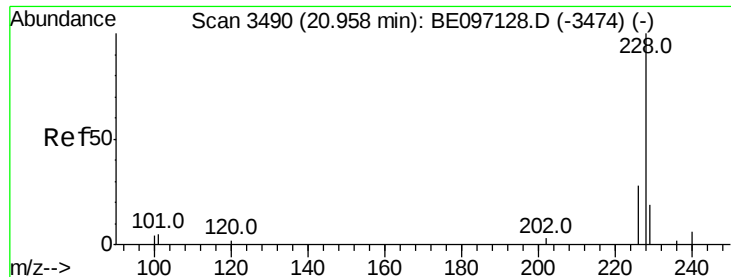
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.8	0.0	39.5



#17
Pyrene
 Concen: 0.324 ng/ul
 RT: 19.20 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: BE097128.D
 Acq: 1 Aug 2018 13:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	10.7	15.6	23.4#

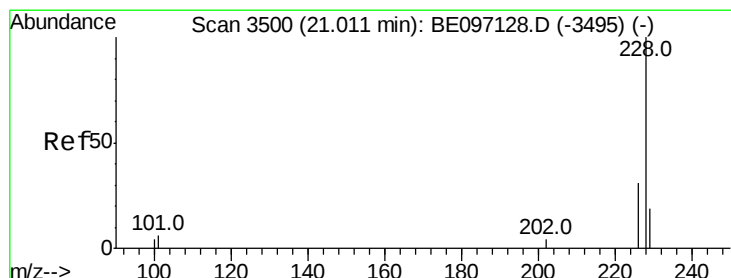
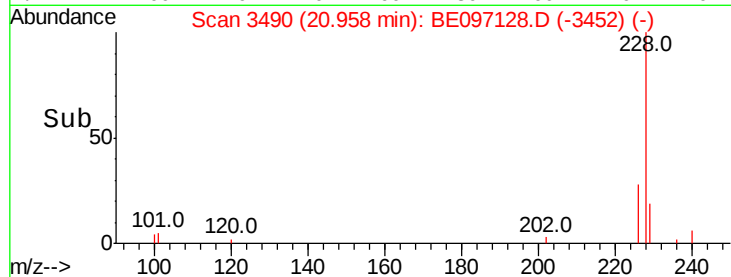
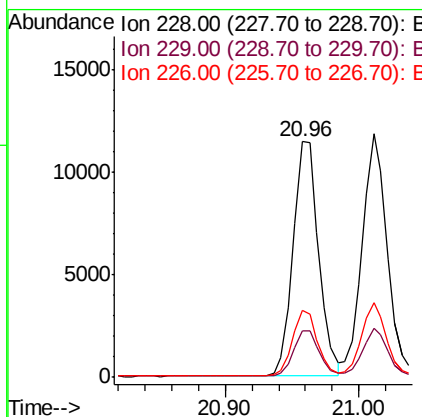
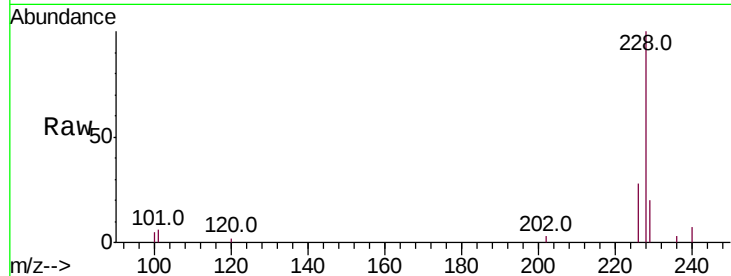




#18
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097128.D
Acq: 1 Aug 2018 13:42

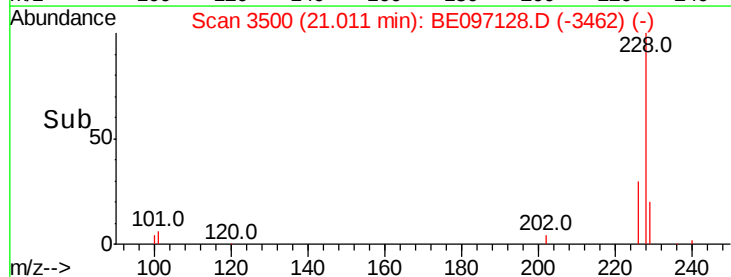
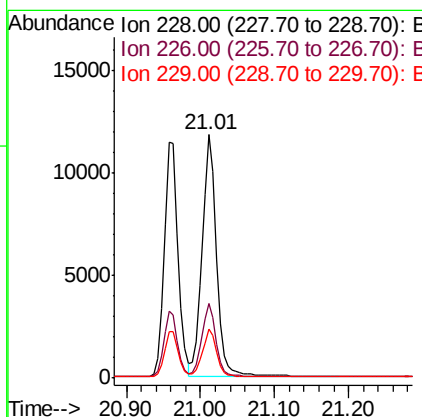
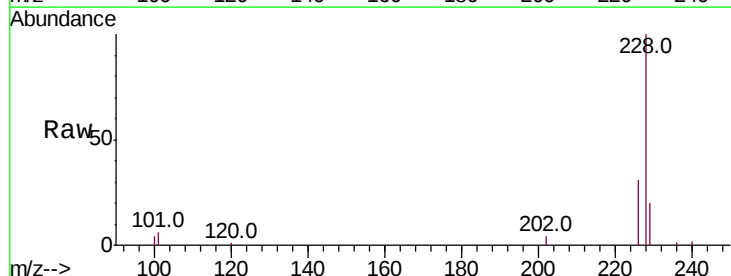
Instrument :
BNA_E
ClientSampleId :

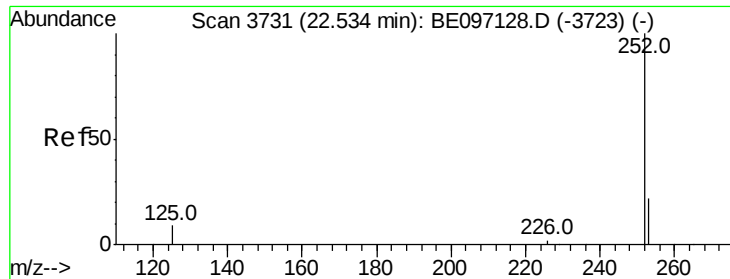
Tot Ion:228 Resp: 15032
Ion Ratio Lower Upper
228 100
229 19.7 22.8 34.2#
226 28.3 17.0 25.6#



#19
Chrysene
Concen: 0.382 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097128.D
Acq: 1 Aug 2018 13:42

Tgt Ion:228 Resp: 15664
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 20.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.390 ng/ul

RT: 22.53 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

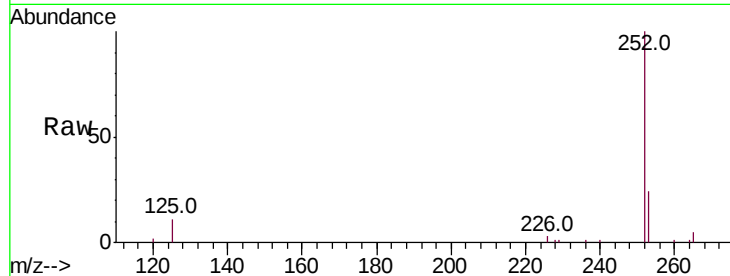
Tot Ion:252 Resp: 14405

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

125 10.9 0.0 35.0

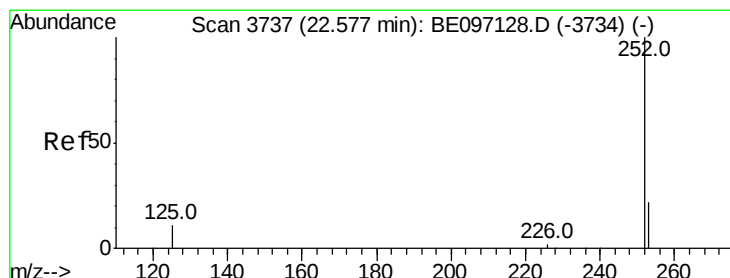
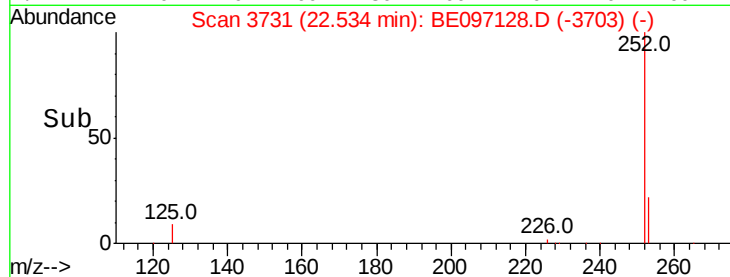
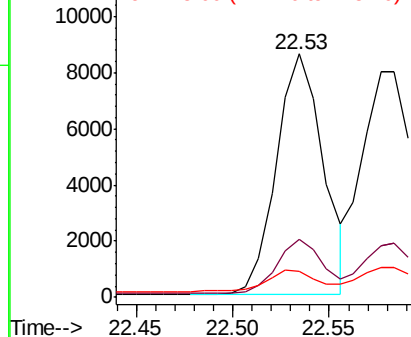


Abundance

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: 0.383 ng/ul

RT: 22.58 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

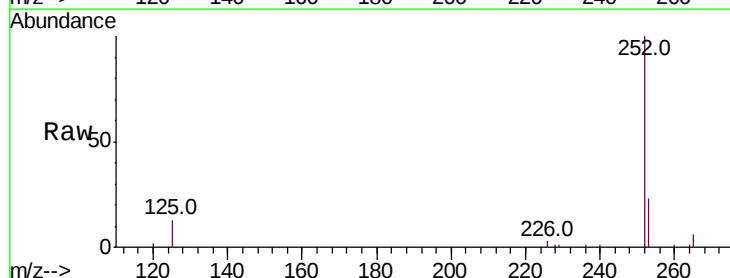
Tgt Ion:252 Resp: 15459

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

125 13.2 13.7 20.5#

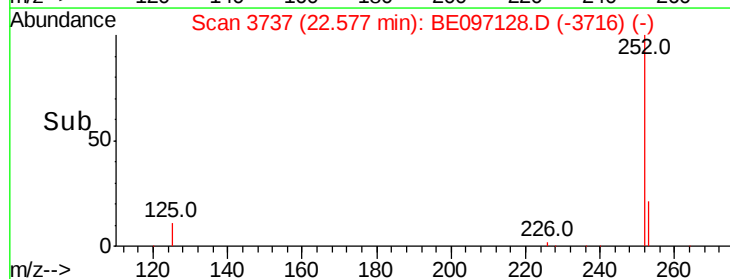
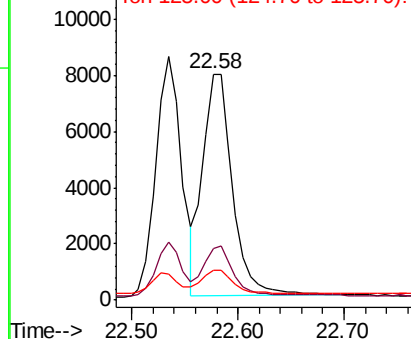


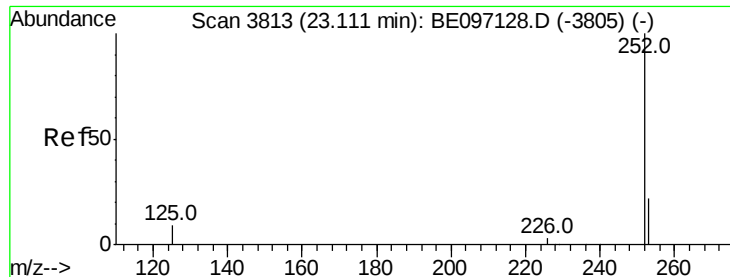
Abundance

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: 0.465 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

Instrument :

BNA_E

ClientSampleId :

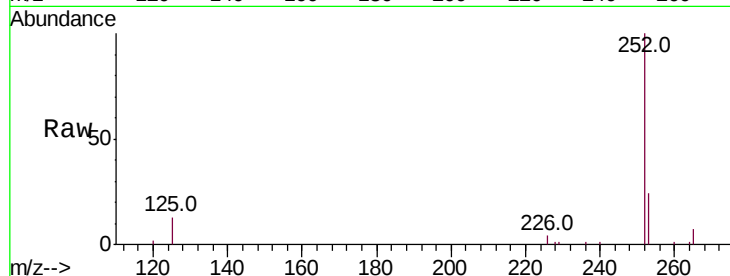
Tot Ion:252 Resp: 14531

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

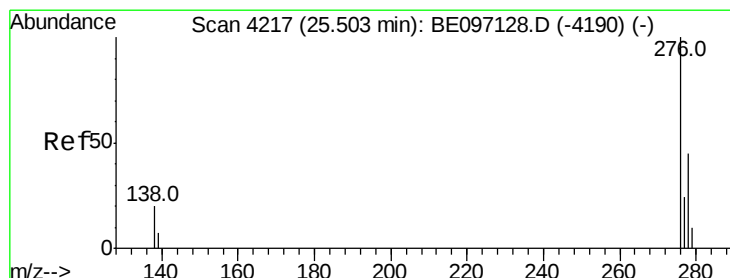
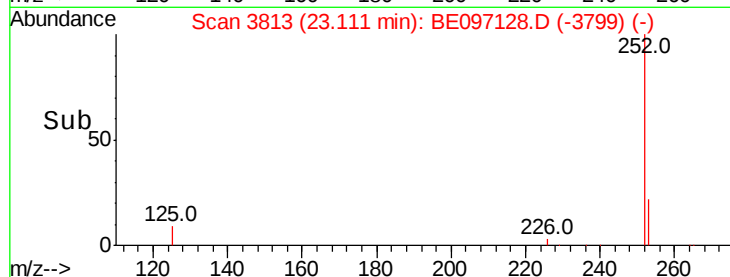
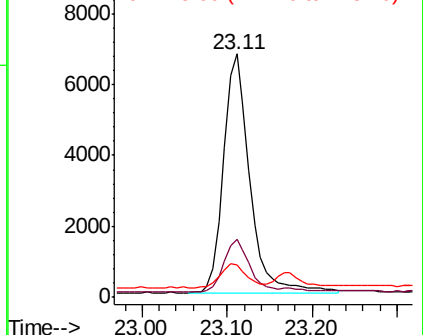
125 13.1 18.1 27.1#



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: 0.572 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BE097128.D

Acq: 1 Aug 2018 13:42

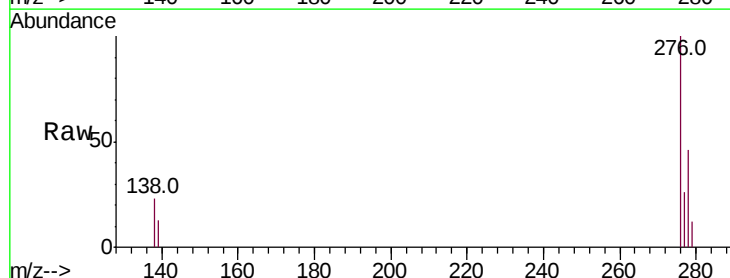
Tgt Ion:276 Resp: 18541

Ion Ratio Lower Upper

276 100

138 22.6 28.0 42.0#

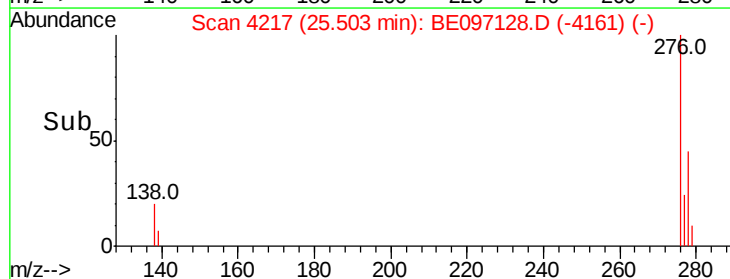
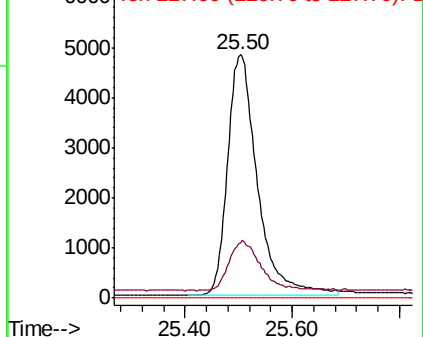
227 0.0 8.0 12.0#

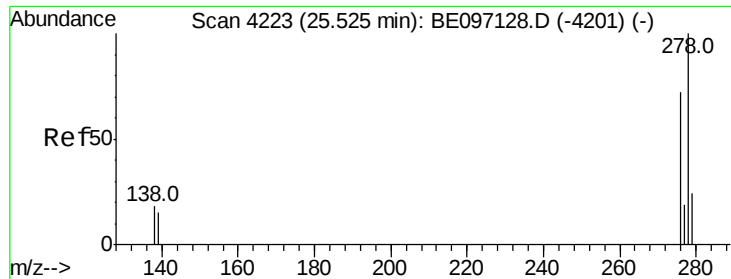


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

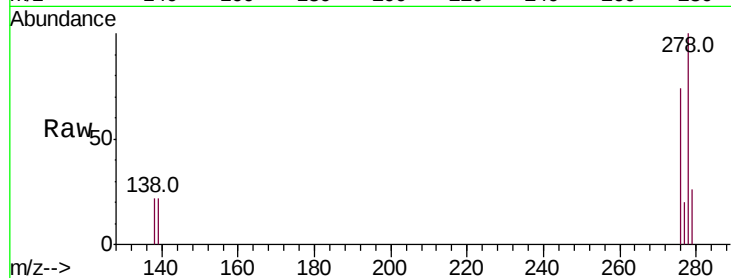




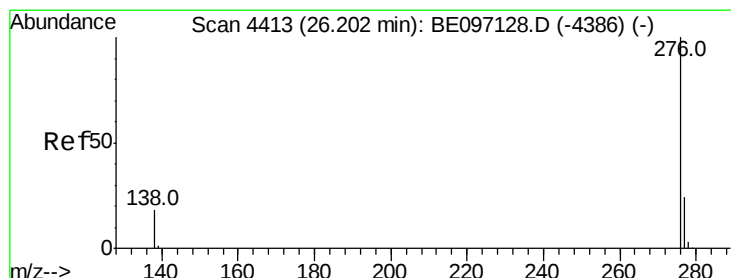
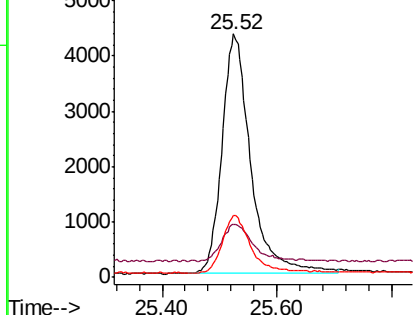
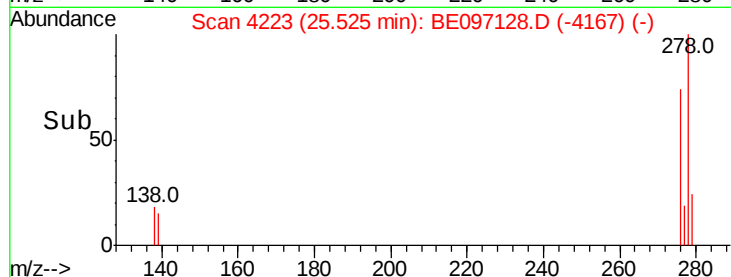
#25
Dibenzo(a,h)anthracene
Concen: 0.587 ng/ul
RT: 25.52 min Scan# 4223
Delta R.T. 0.00 min
Lab File: BE097128.D
Acq: 1 Aug 2018 13:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 15113
Ion Ratio Lower Upper
278 100
139 21.7 17.4 26.0
279 25.6 25.9 38.9#

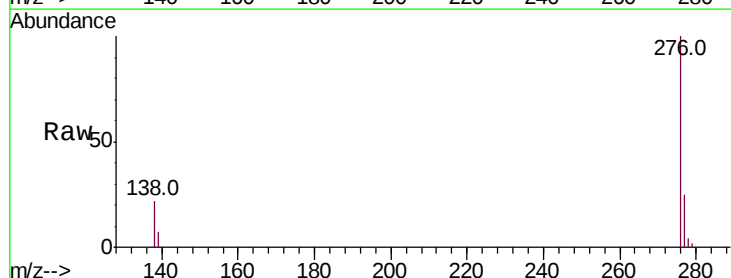


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.512 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BE097128.D
Acq: 1 Aug 2018 13:42

Tgt Ion:276 Resp: 16126
Ion Ratio Lower Upper
276 100
138 21.6 21.8 32.8#
277 25.0 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

