

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097455.D
 Acq On : 12 Sep 2018 17:46
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 13 01:18:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:16:50 2018
 Response via : Initial Calibration

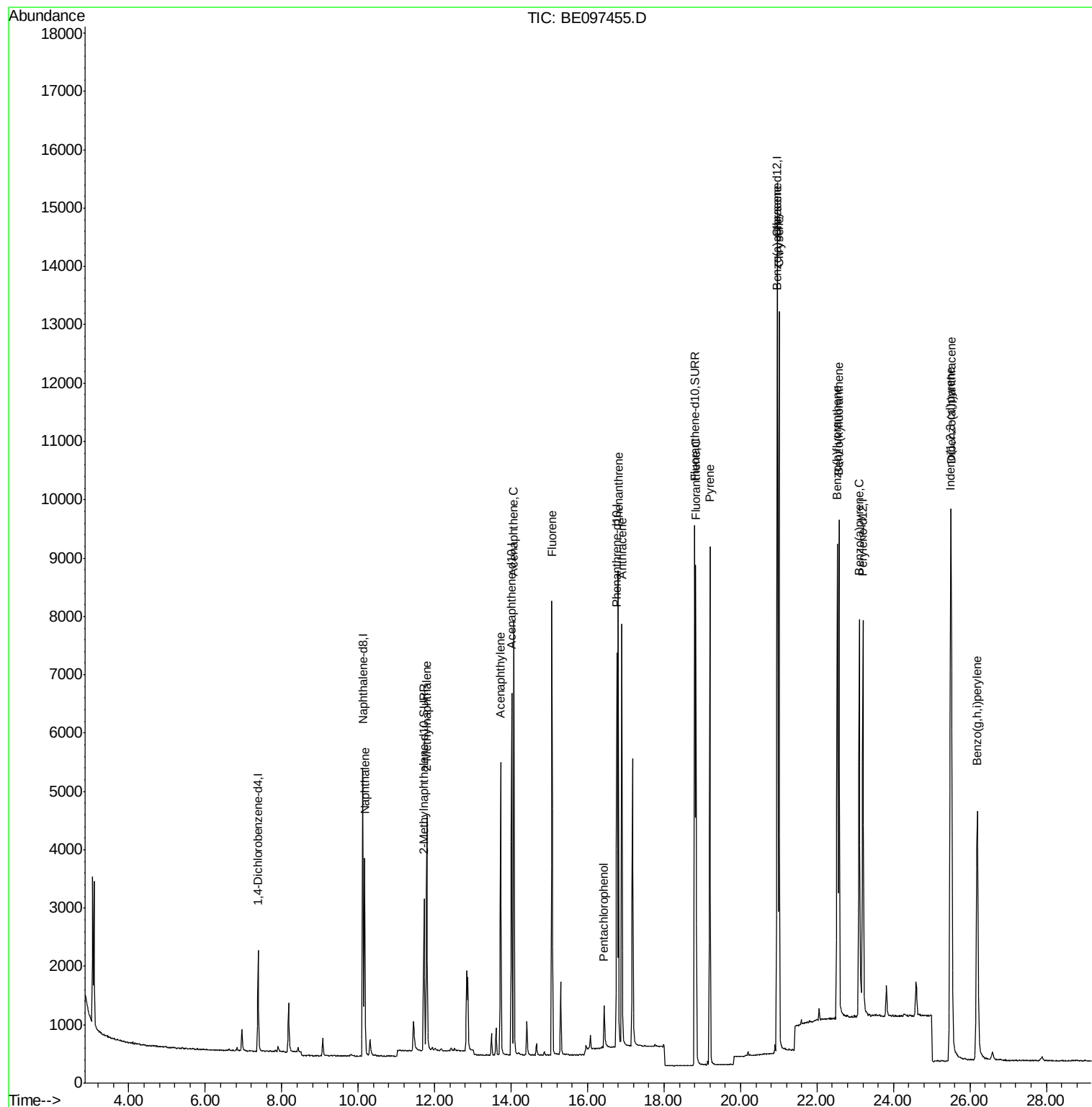
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	915	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3499	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8388	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8943	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9145	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3717	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	10273	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	5197	0.403	ng/ul#	92
5) 2-Methylnaphthalene	11.79	142	3781	0.464	ng/ul	97
7) Acenaphthylene	13.72	152	5735	0.450	ng/ul	97
8) Acenaphthene	14.07	153	4445	0.405	ng/ul	95
9) Fluorene	15.07	166	5090	0.405	ng/ul	92
11) Pentachlorophenol	16.43	266	470	0.569	ng/ul	97
12) Phenanthrene	16.80	178	8759	0.406	ng/ul#	90
13) Anthracene	16.90	178	8059	0.444	ng/ul#	93
15) Fluoranthene	18.83	202	10047	0.362	ng/ul	84
17) Pyrene	19.20	202	10168	0.423	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	10198	0.444	ng/ul#	86
19) Chrysene	21.01	228	10330	0.390	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	10227	0.418	ng/ul	84
22) Benzo(k)fluoranthene	22.57	252	10558	0.387	ng/ul#	90
23) Benzo(a)pyrene	23.10	252	9987	0.441	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.49	276	12657	0.431	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.51	278	10652	0.428	ng/ul#	89
26) Benzo(g,h,i)perylene	26.20	276	10339	0.413	ng/ul#	92

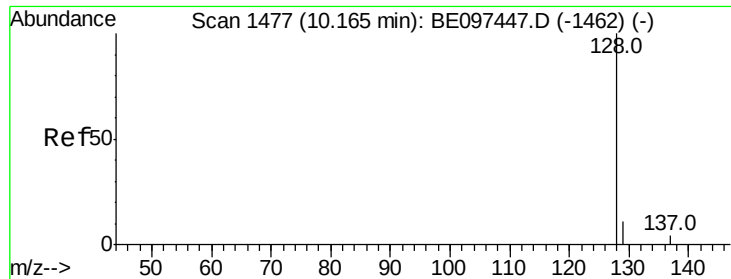
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097455.D
Acq On : 12 Sep 2018 17:46
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Sep 13 01:18:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

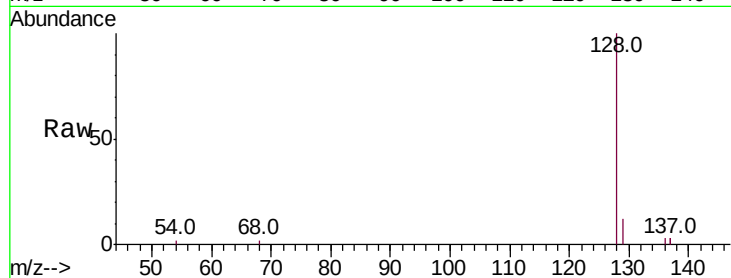
Tot Ion:128 Resp: 5197

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

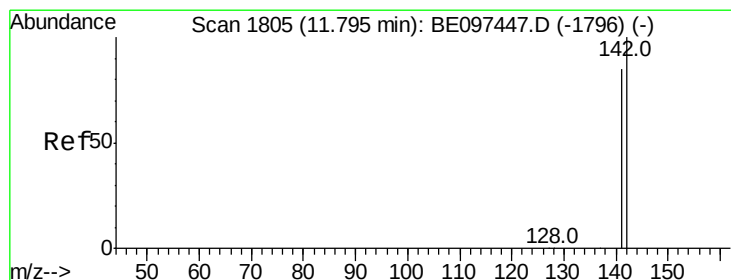
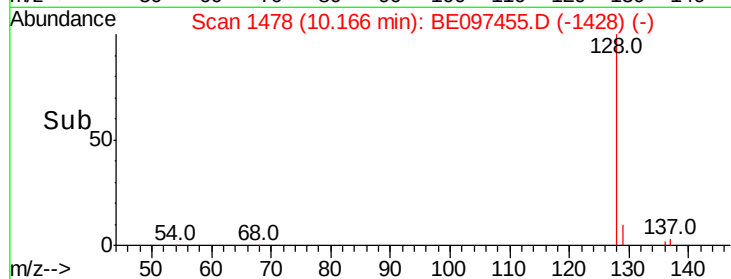
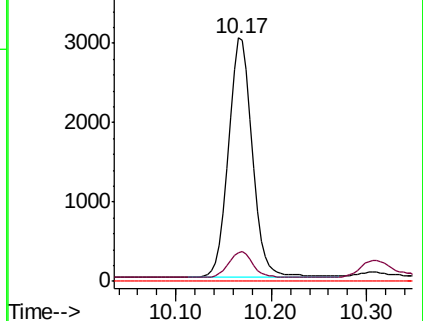
127 0.0 4.0 6.0#



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: 0.464 ng/ul

RT: 11.79 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097455.D

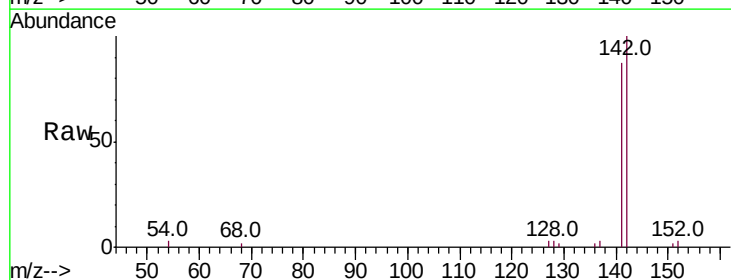
Acq: 12 Sep 2018 17:46

Tgt Ion:142 Resp: 3781

Ion Ratio Lower Upper

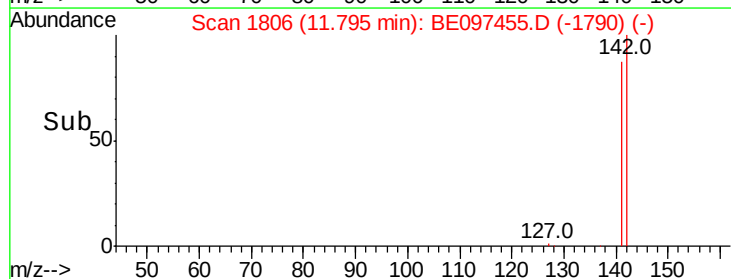
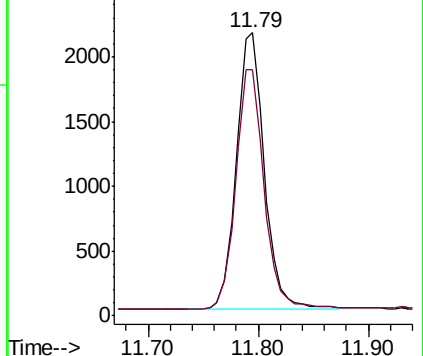
142 100

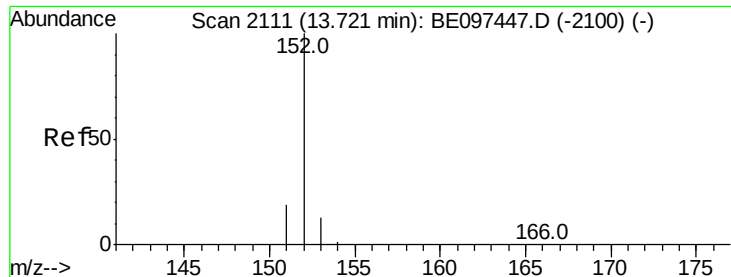
141 88.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.450 ng/ul

RT: 13.72 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

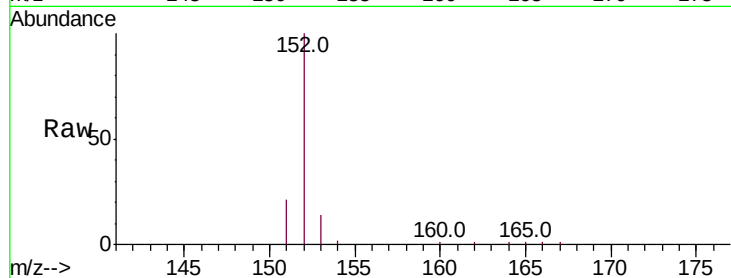
Tot Ion:152 Resp: 5735

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

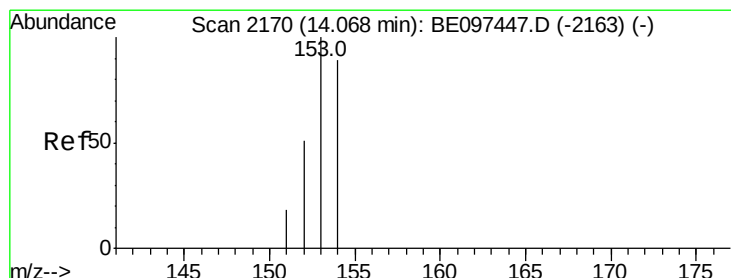
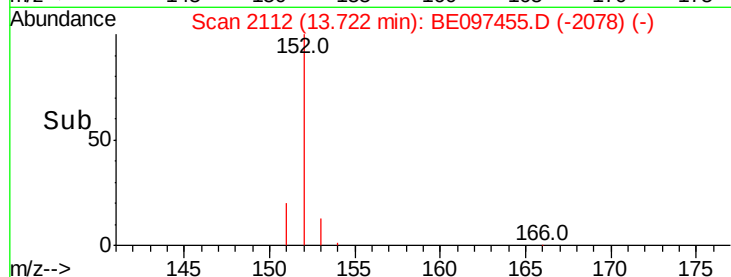
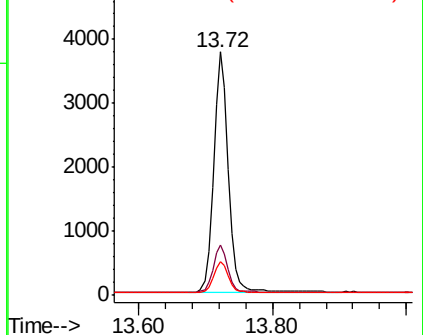
153 14.0 12.8 19.2



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: 0.405 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

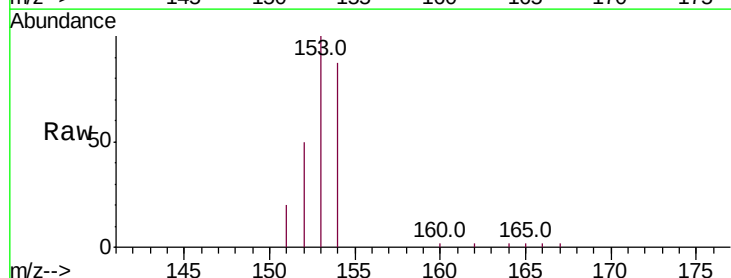
Tgt Ion:153 Resp: 4445

Ion Ratio Lower Upper

153 100

152 50.0 36.0 54.0

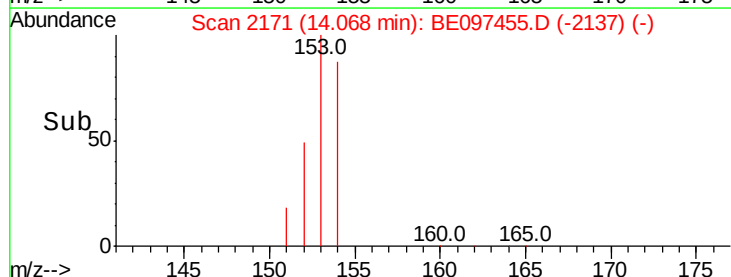
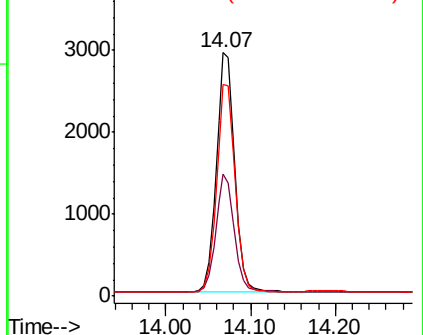
154 87.1 72.0 108.0

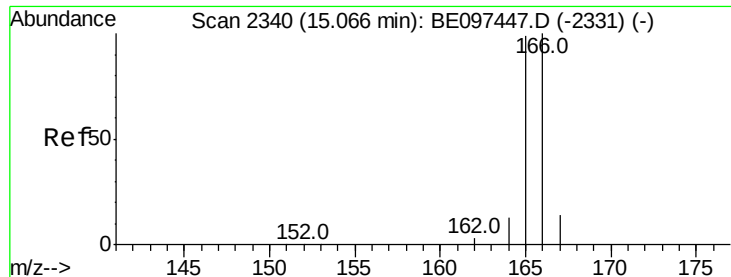


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

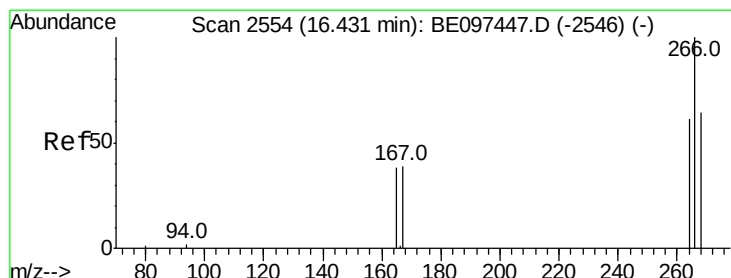
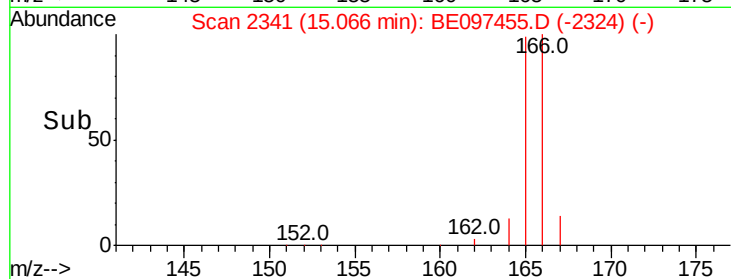
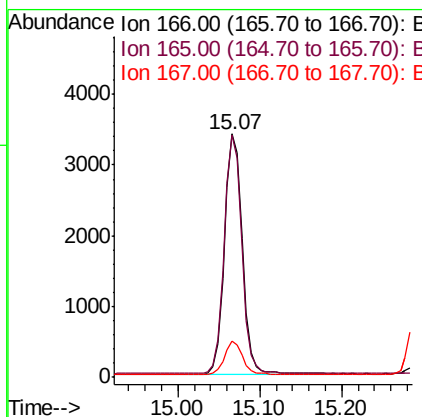
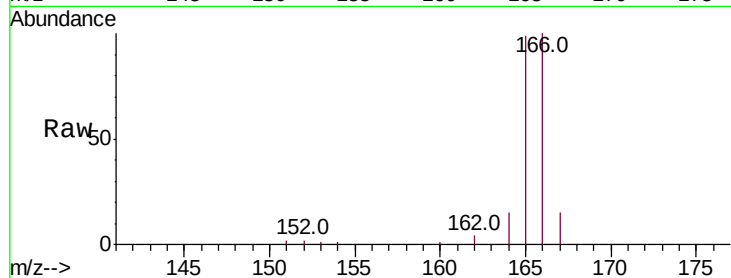




#9
Fluorene
 Concen: 0.405 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097455.D
 Acq: 12 Sep 2018 17:46

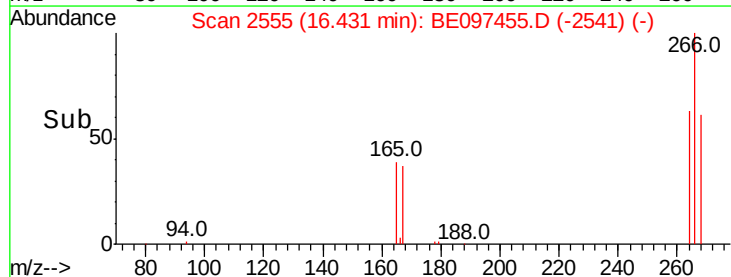
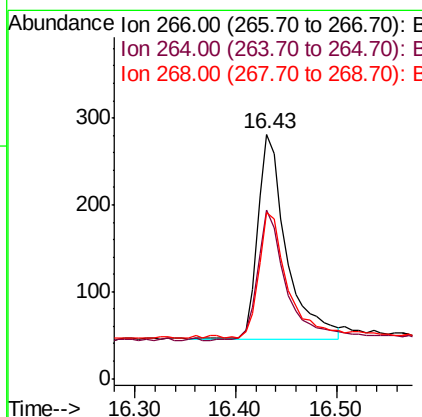
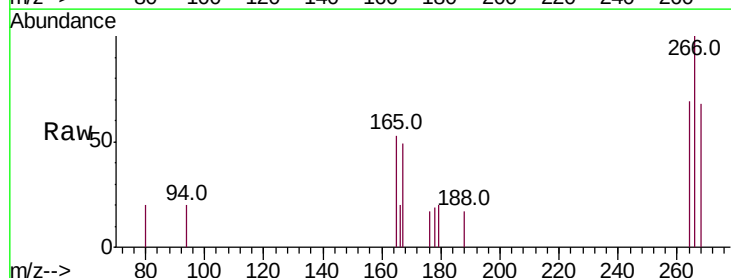
Instrument :
 BNA_E
 ClientSampleId :

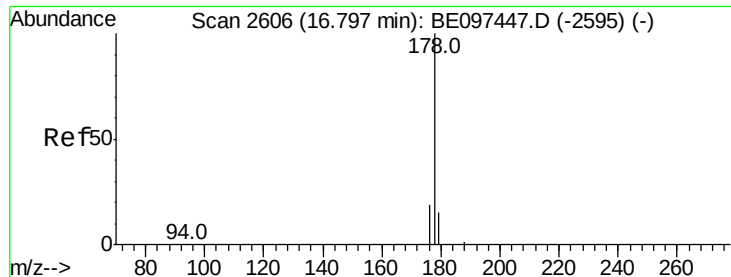
Tot Ion:166 Resp: 5090
 Ion Ratio Lower Upper
 166 100
 165 99.4 73.4 110.2
 167 14.8 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.569 ng/ul
 RT: 16.43 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BE097455.D
 Acq: 12 Sep 2018 17:46

Tgt Ion:266 Resp: 470
 Ion Ratio Lower Upper
 266 100
 264 62.8 47.9 71.9
 268 60.0 49.8 74.8





#12

Phenanthrene

Concen: 0.406 ng/ul

RT: 16.80 min Scan# 2608

Delta R.T. 0.01 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

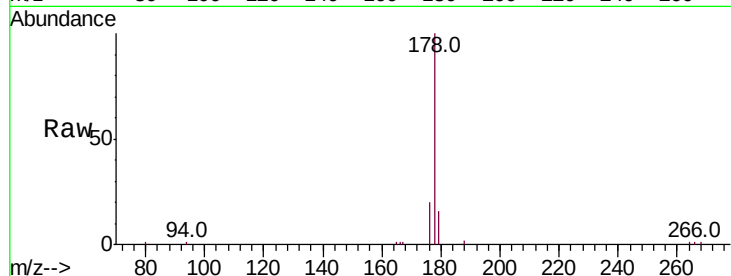
Tot Ion:178 Resp: 8759

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

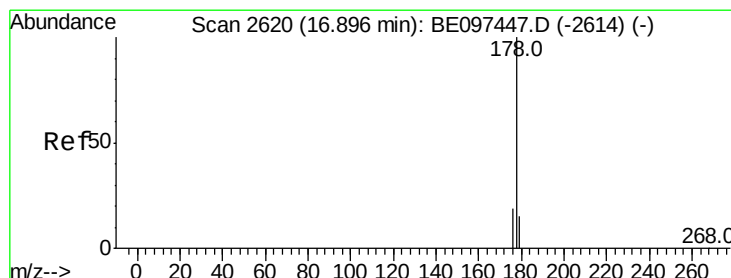
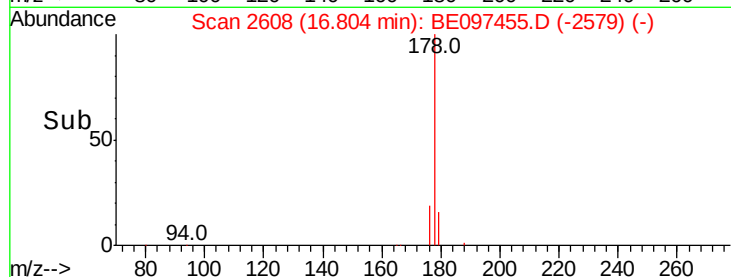
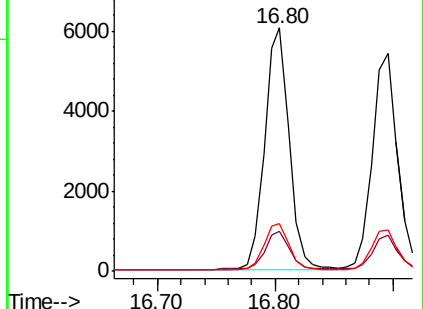
176 19.5 13.6 20.4



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: 0.444 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

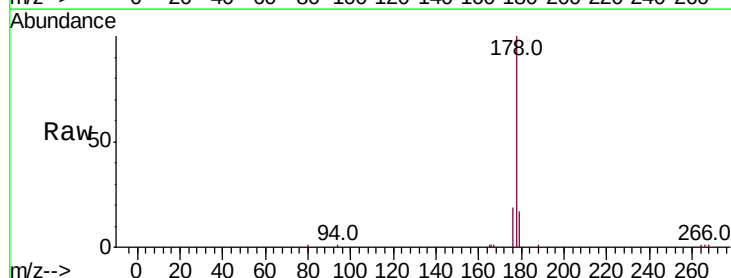
Tgt Ion:178 Resp: 8059

Ion Ratio Lower Upper

178 100

179 16.7 18.1 27.1#

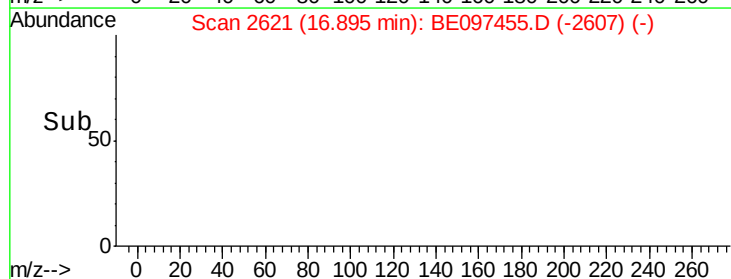
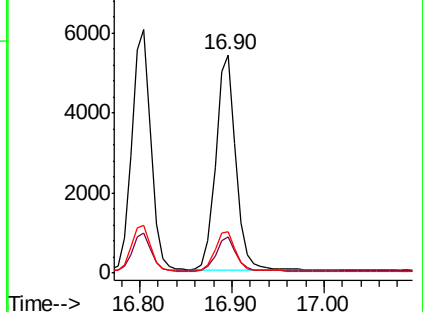
176 19.0 14.7 22.1

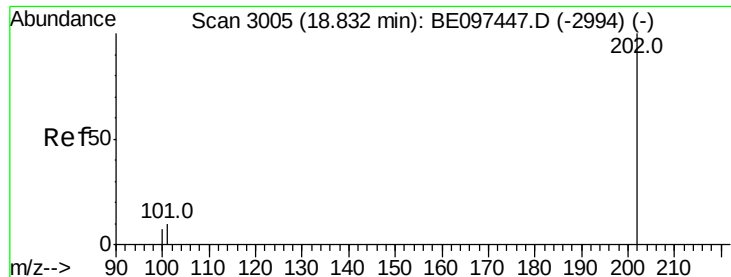


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.362 ng/ul

RT: 18.83 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

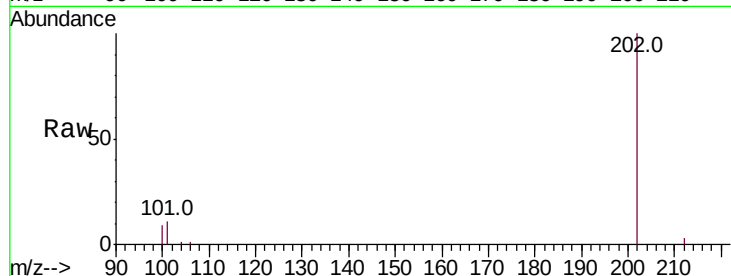
Tot Ion:202 Resp: 10047

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

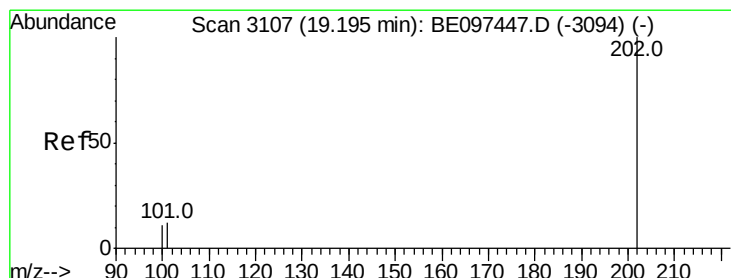
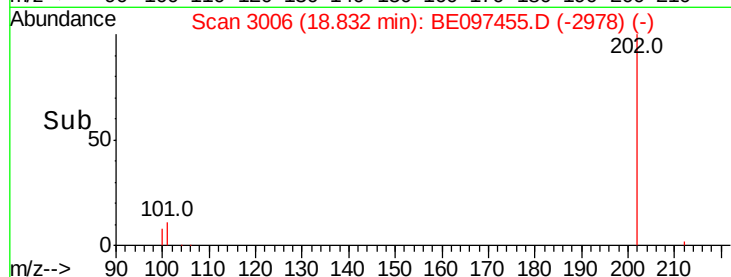
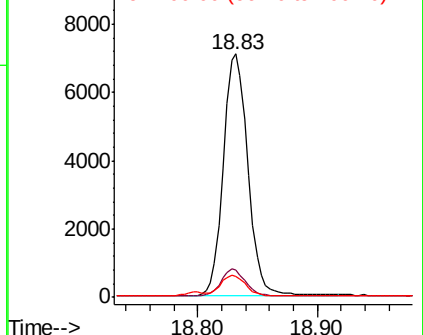
100 8.7 0.0 39.5



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: 0.423 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

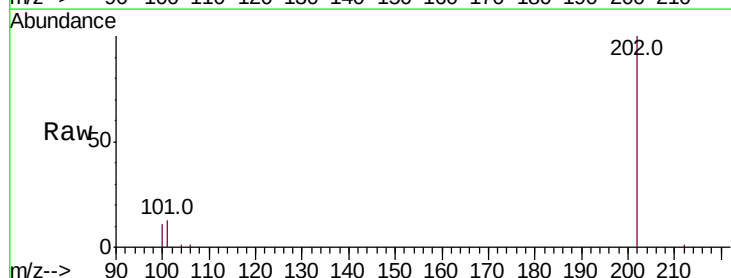
Tgt Ion:202 Resp: 10168

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

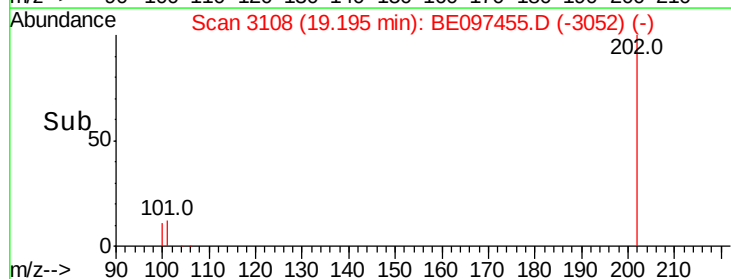
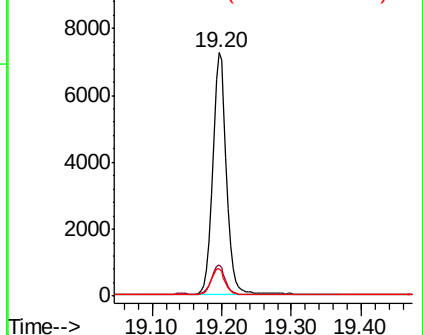
100 11.2 15.6 23.4#

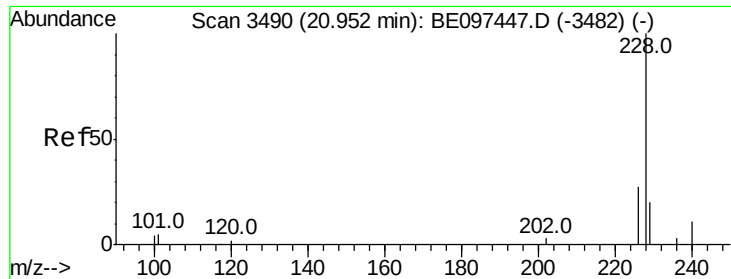


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.444 ng/ul

RT: 20.95 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

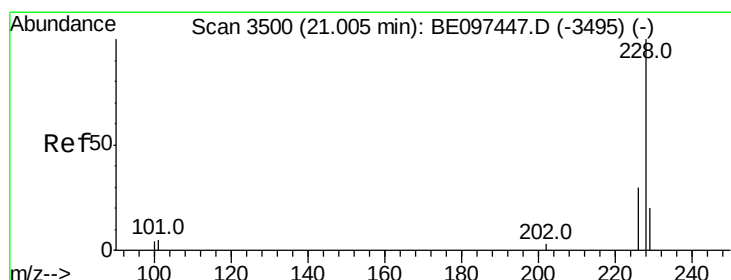
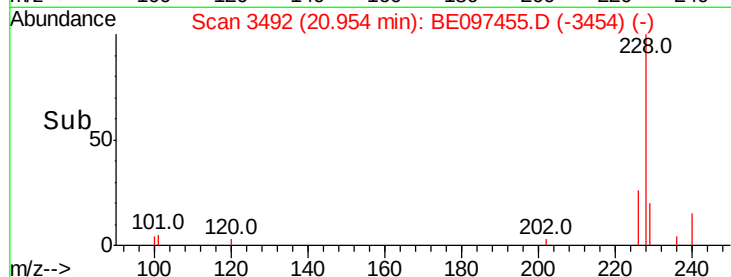
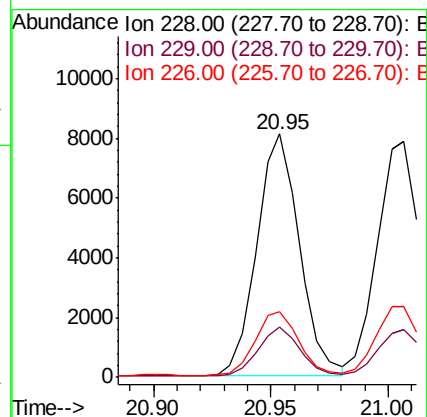
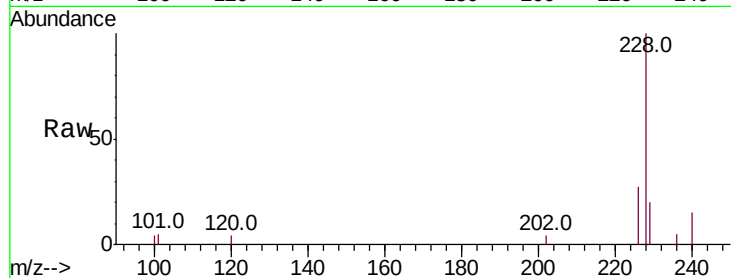
Tot Ion:228 Resp: 10198

Ion Ratio Lower Upper

228 100

229 20.5 22.8 34.2#

226 26.9 17.0 25.6#



#19

Chrysene

Concen: 0.390 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

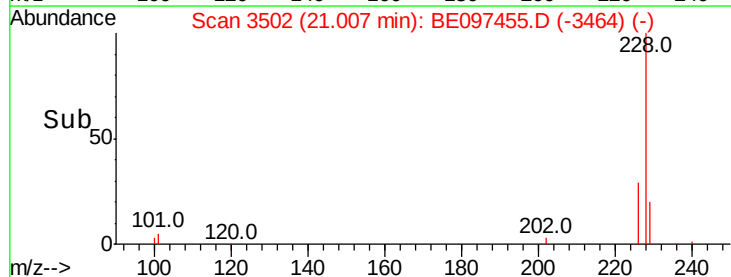
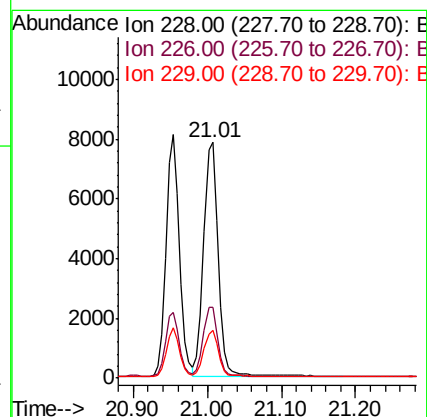
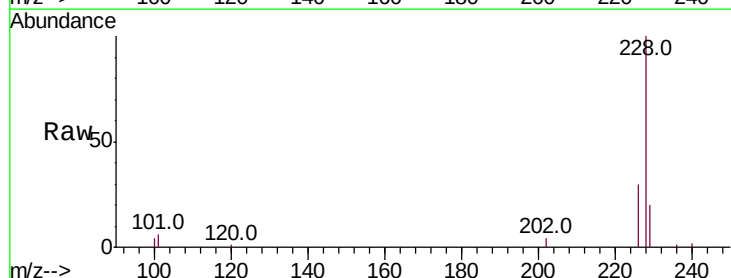
Tgt Ion:228 Resp: 10330

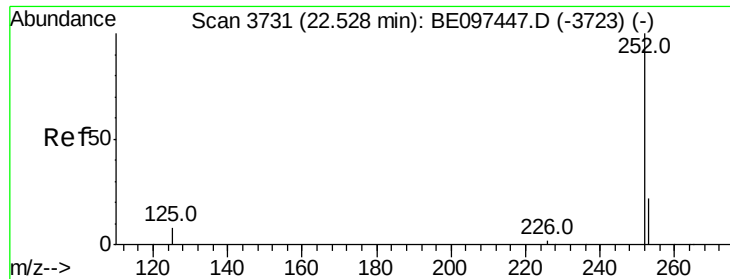
Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 20.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.418 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

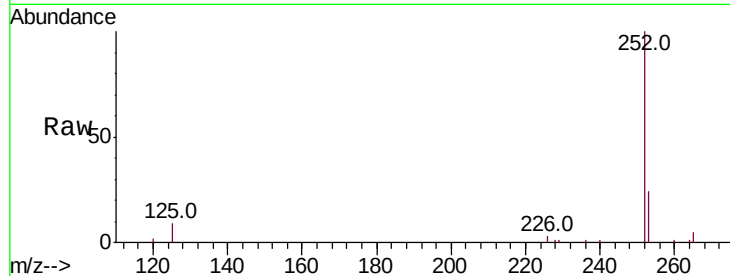
Tot Ion:252 Resp: 10227

Ion Ratio Lower Upper

252 100

253 23.8 0.0 64.2

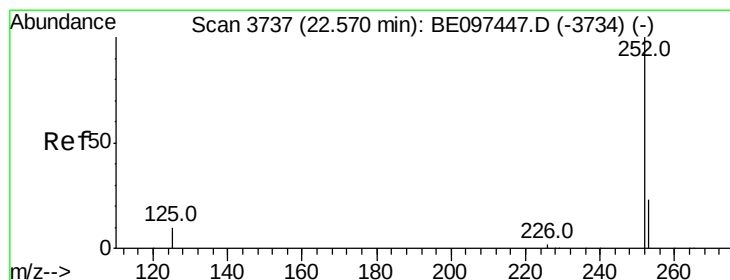
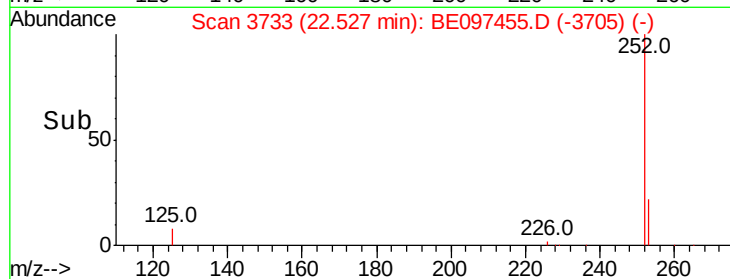
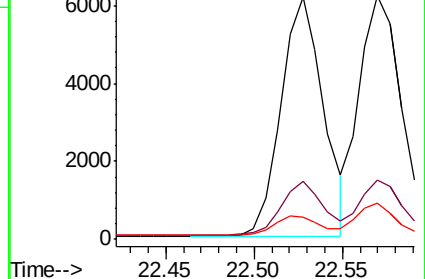
125 9.3 0.0 35.0



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: 0.387 ng/ul

RT: 22.57 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

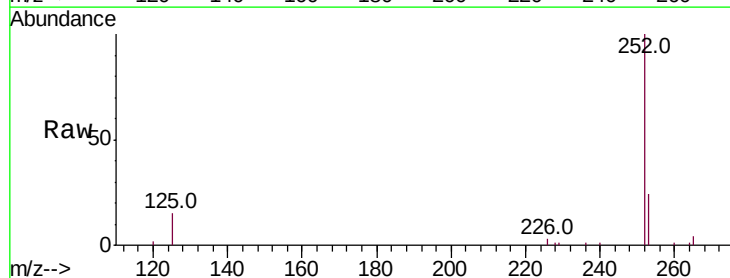
Tgt Ion:252 Resp: 10558

Ion Ratio Lower Upper

252 100

253 24.1 24.5 36.7#

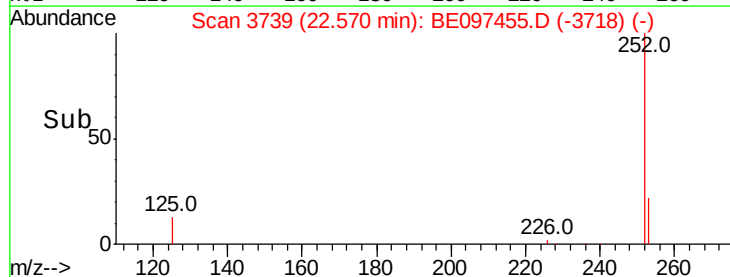
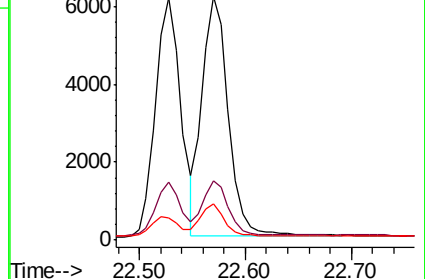
125 14.7 13.7 20.5

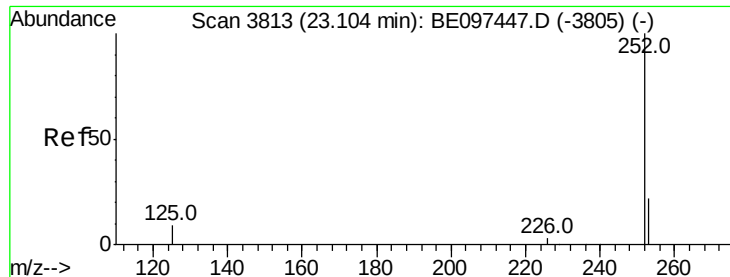


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.10 min Scan# 3815

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

Instrument :

BNA_E

ClientSampleId :

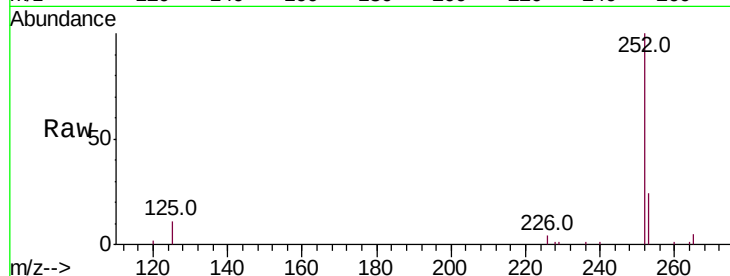
Tot Ion:252 Resp: 9987

Ion Ratio Lower Upper

252 100

253 23.9 28.5 42.7#

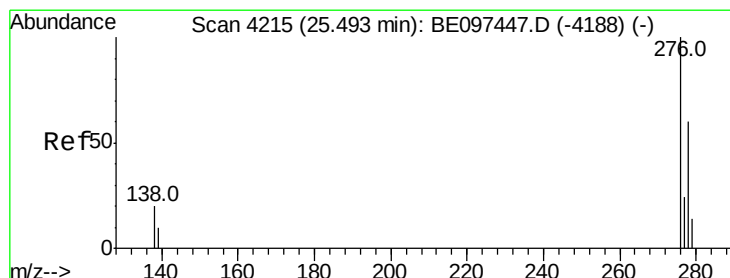
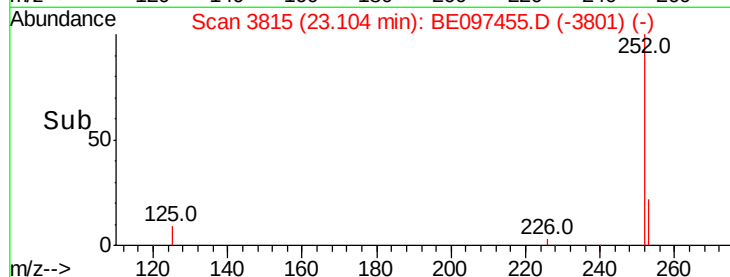
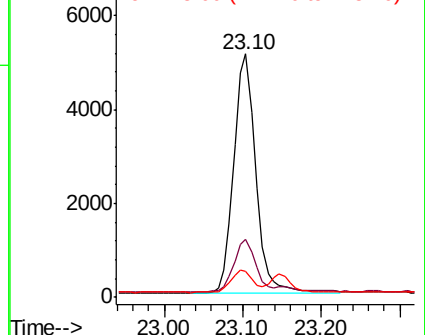
125 10.9 18.1 27.1#



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: 0.431 ng/ul

RT: 25.49 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BE097455.D

Acq: 12 Sep 2018 17:46

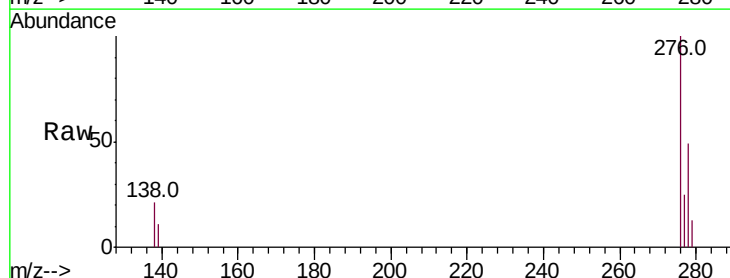
Tgt Ion:276 Resp: 12657

Ion Ratio Lower Upper

276 100

138 22.0 28.0 42.0#

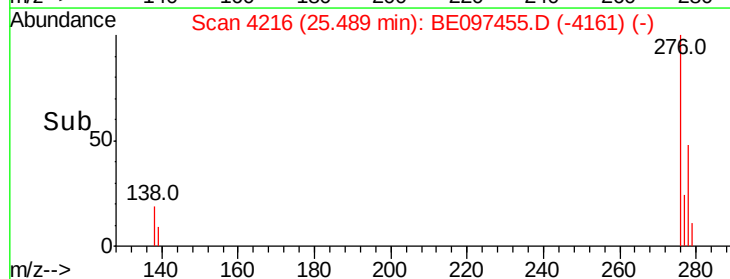
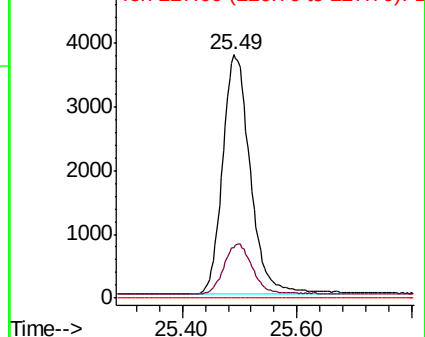
227 0.0 8.0 12.0#

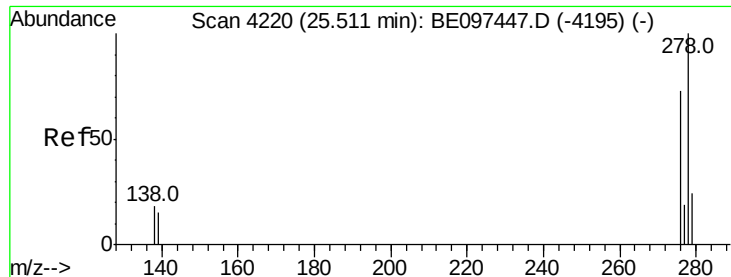


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

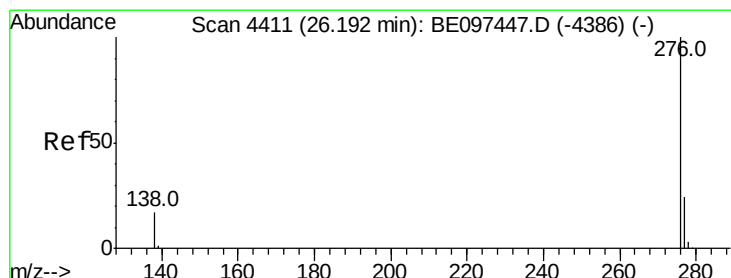
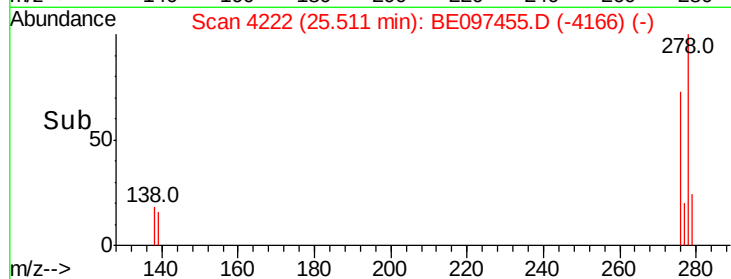
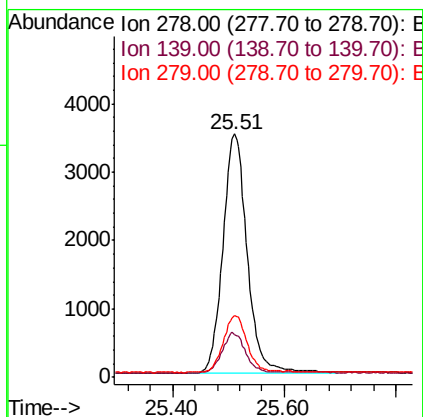
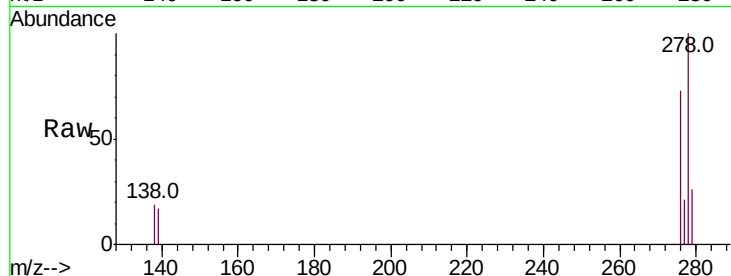




#25
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BE097455.D
Acq: 12 Sep 2018 17:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 10652
Ion Ratio Lower Upper
278 100
139 17.4 17.4 26.0#
279 25.6 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE097455.D
Acq: 12 Sep 2018 17:46

Tgt Ion:276 Resp: 10339
Ion Ratio Lower Upper
276 100
138 19.1 21.8 32.8#
277 25.5 20.5 30.7

