

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097483.D
 Acq On : 13 Sep 2018 11:07
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.432

Quant Time: Sep 13 11:53:08 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 07:48:38 2018
 Response via : Initial Calibration

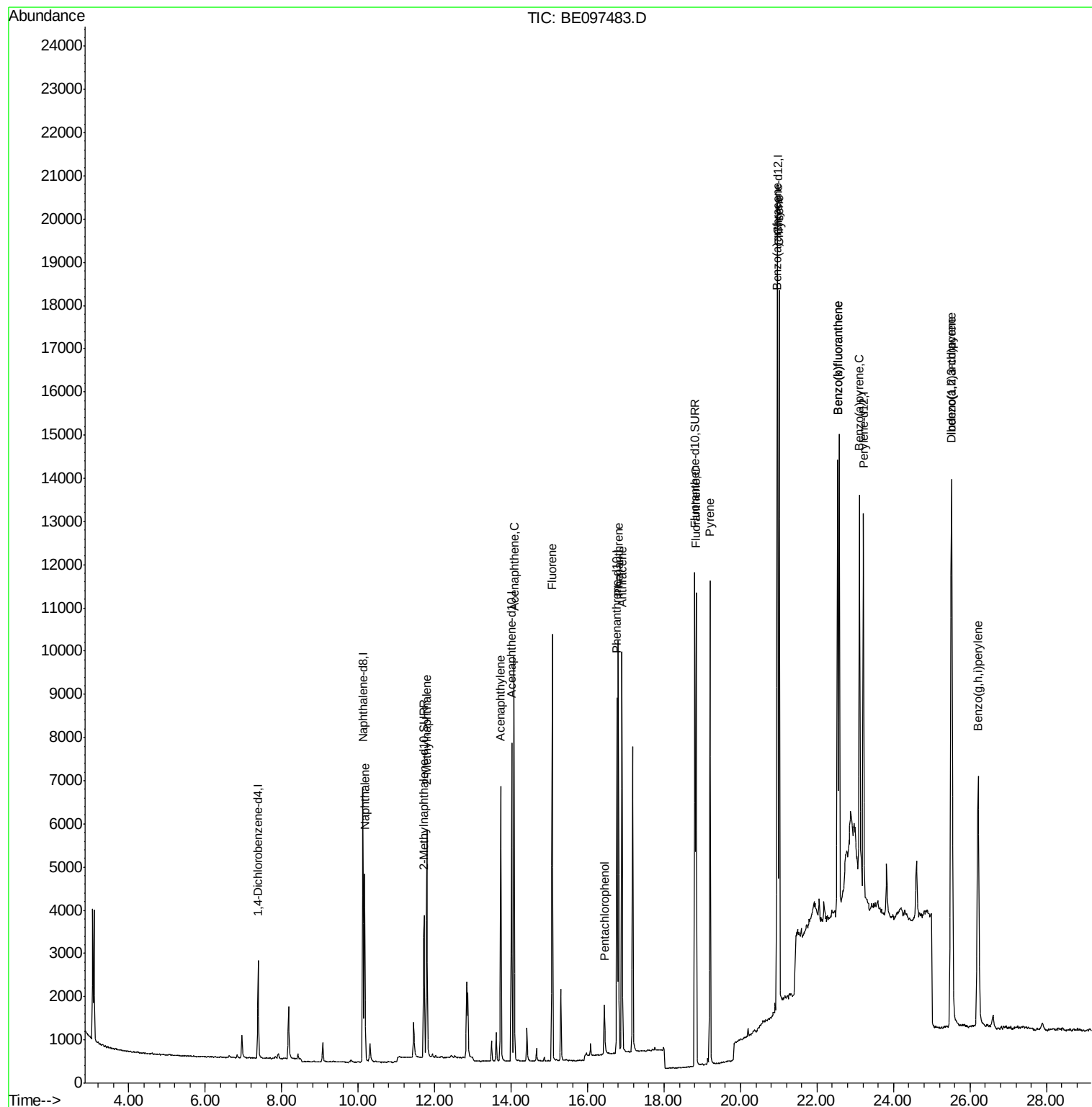
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1158	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6796	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4220	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9958	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11033	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11697	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	4683	0.44	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	12630	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.17	128	6591	0.398	ng/ul#	92
5) 2-Methylnaphthalene	11.80	142	4748	0.453	ng/ul	98
7) Acenaphthylene	13.73	152	7224	0.470	ng/ul	96
8) Acenaphthene	14.07	153	5401	0.408	ng/ul	97
9) Fluorene	15.07	166	6202	0.410	ng/ul#	94
11) Pentachlorophenol	16.44	266	727	0.741	ng/ul	97
12) Phenanthrene	16.80	178	10332	0.403	ng/ul#	88
13) Anthracene	16.89	178	10126	0.470	ng/ul#	92
15) Fluoranthene	18.83	202	12313	0.374	ng/ul	84
17) Pyrene	19.20	202	12505	0.421	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	13365	0.472	ng/ul#	85
19) Chrysene	21.01	228	12932	0.396	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	13262	0.423	ng/ul	90
22) Benzo(k)fluoranthene	22.54	252	13262	0.380	ng/ul	92
23) Benzo(a)pyrene	23.11	252	12997	0.448	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.51	276	16496	0.439	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.53	278	13629	0.428	ng/ul	94
26) Benzo(g,h,i)perylene	26.21	276	13515	0.422	ng/ul#	92

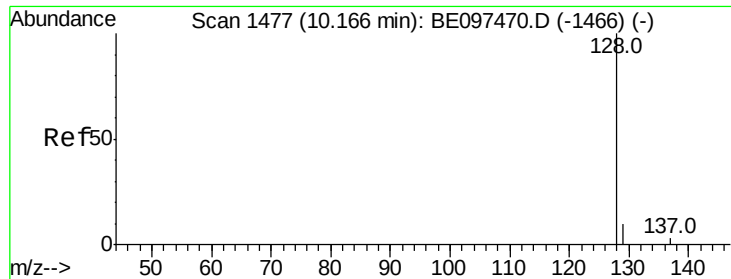
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097483.D
Acq On : 13 Sep 2018 11:07
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.432

Quant Time: Sep 13 11:53:08 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 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.398 ng/ul

RT: 10.17 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

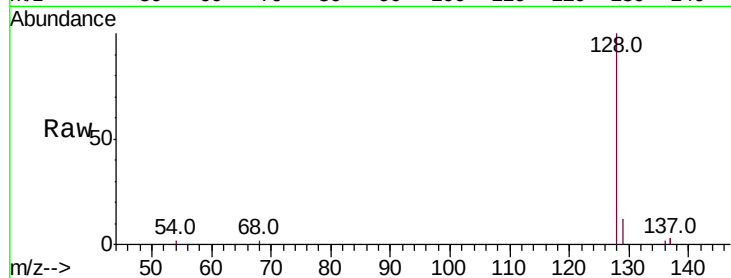
Tot Ion:128 Resp: 6591

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

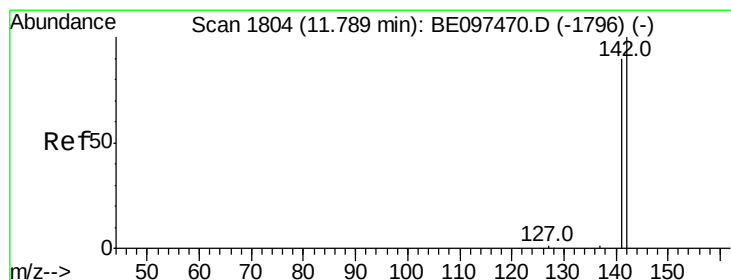
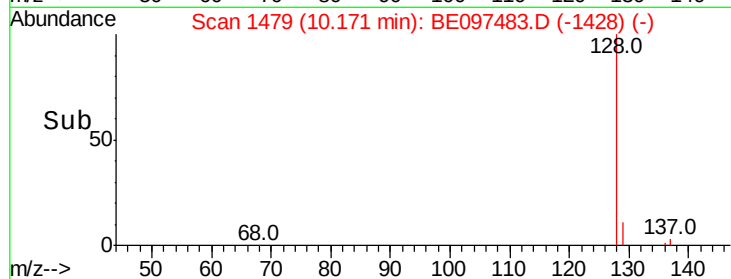
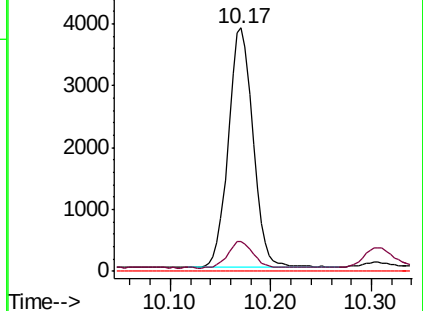
127 0.0 4.0 6.0#



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: 0.453 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BE097483.D

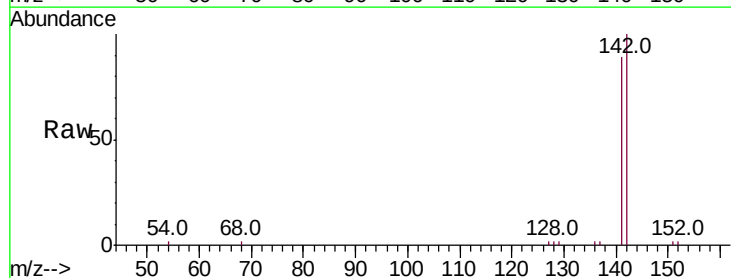
Acq: 13 Sep 2018 11:07

Tgt Ion:142 Resp: 4748

Ion Ratio Lower Upper

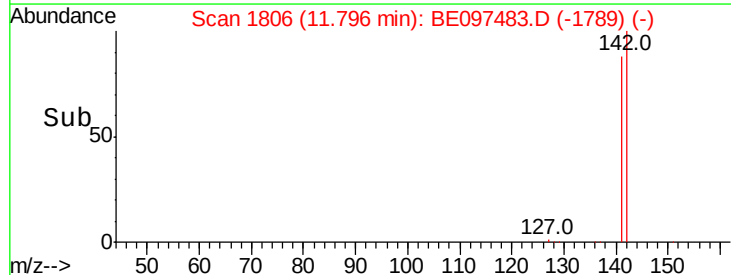
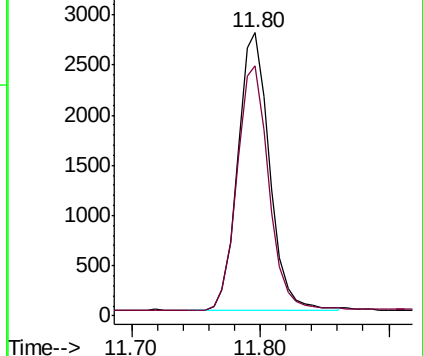
142 100

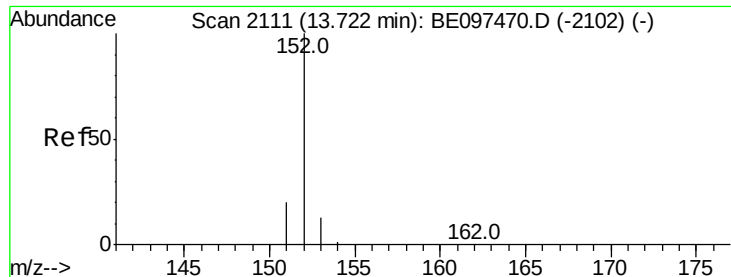
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.470 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

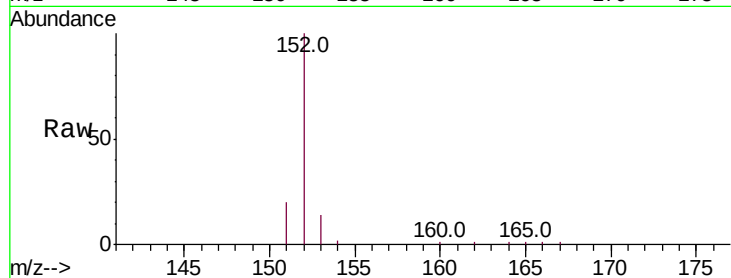
Tot Ion:152 Resp: 7224

Ion Ratio Lower Upper

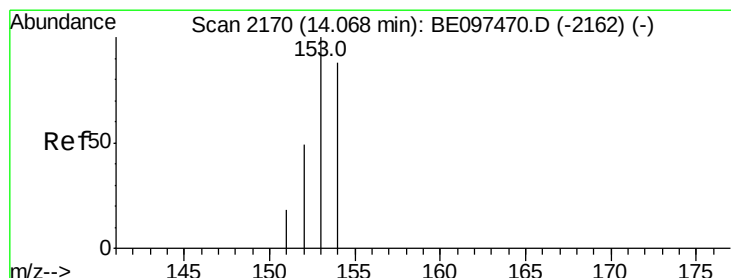
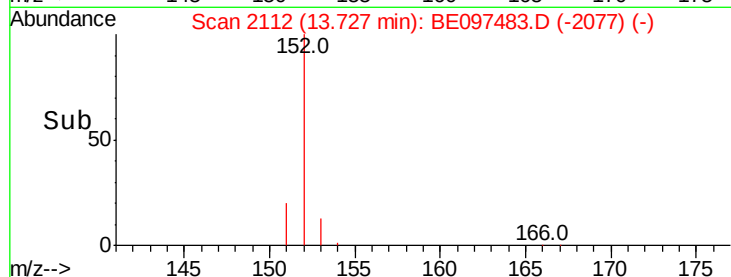
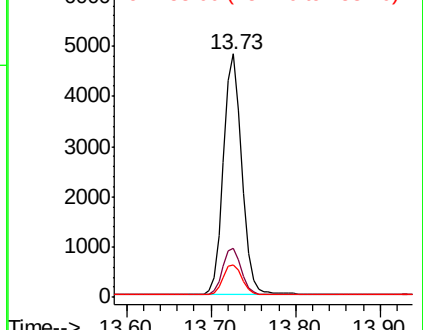
152 100

151 20.4 17.1 25.7

153 13.6 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: 0.408 ng/ul

RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

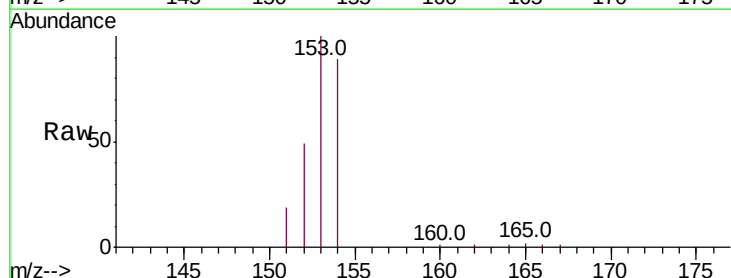
Tgt Ion:153 Resp: 5401

Ion Ratio Lower Upper

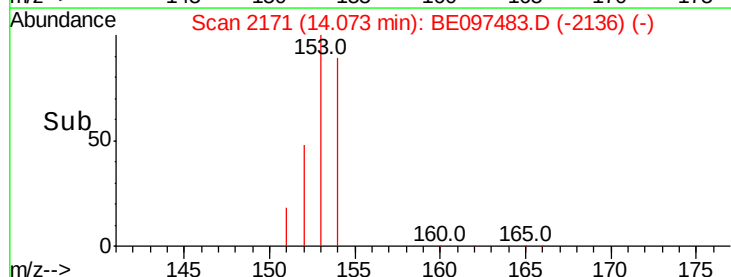
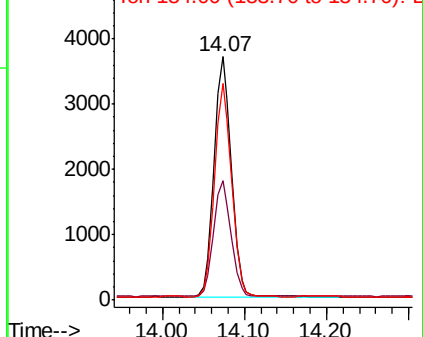
153 100

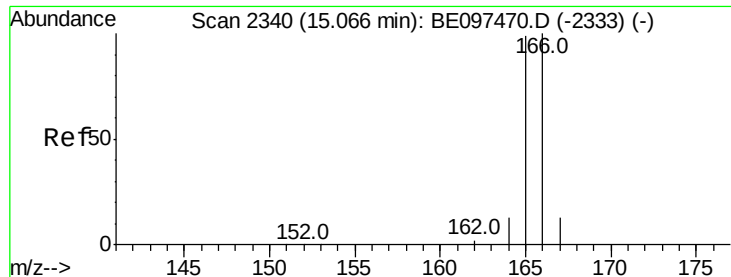
152 48.9 36.0 54.0

154 89.0 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

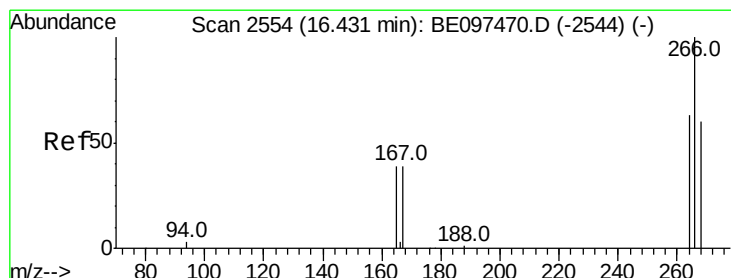
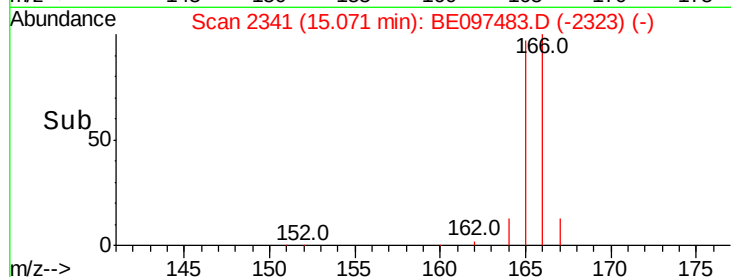
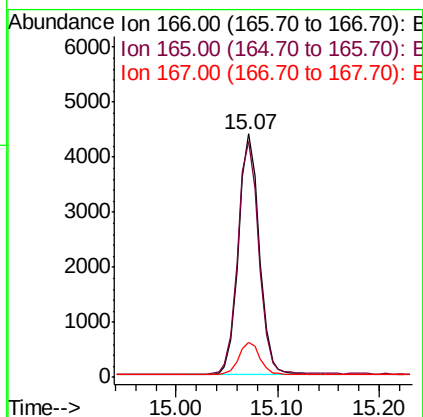
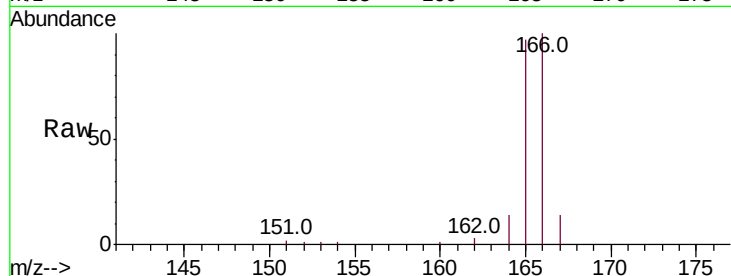




#9
Fluorene
 Concen: 0.410 ng/ul
 RT: 15.07 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BE097483.D
 Acq: 13 Sep 2018 11:07

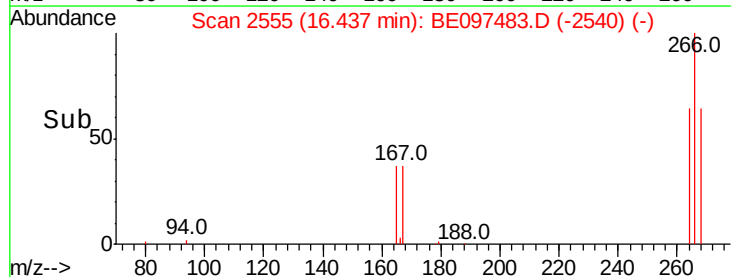
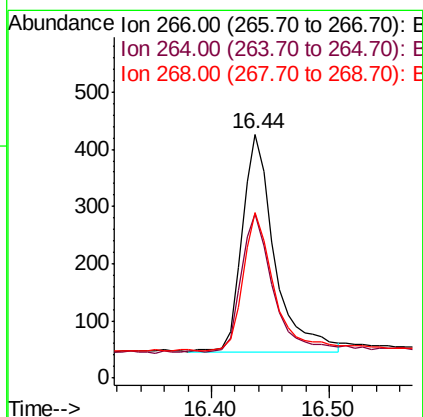
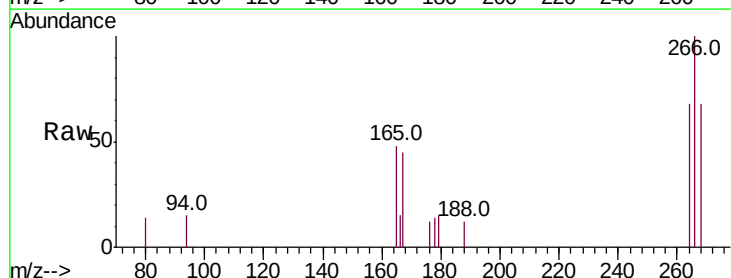
Instrument :
 BNA_E
 ClientSampleId :
 SST0.432

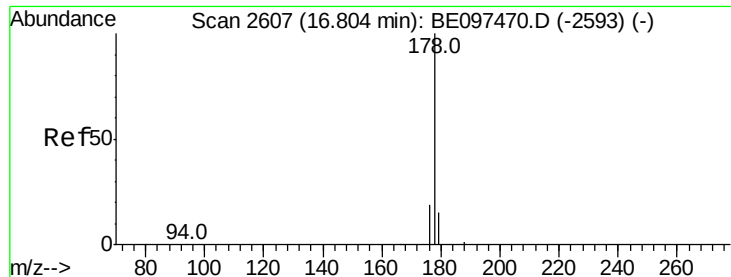
Tot Ion:166 Resp: 6202
 Ion Ratio Lower Upper
 166 100
 165 96.7 73.4 110.2
 167 14.4 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.741 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. 0.01 min
 Lab File: BE097483.D
 Acq: 13 Sep 2018 11:07

Tgt Ion:266 Resp: 727
 Ion Ratio Lower Upper
 266 100
 264 62.9 47.9 71.9
 268 60.7 49.8 74.8





#12

Phenanthrene

Concen: 0.403 ng/ul

RT: 16.80 min Scan# 2607

Delta R.T. -0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

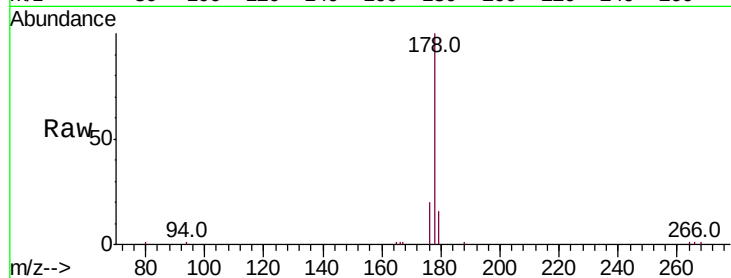
Tot Ion:178 Resp: 10332

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

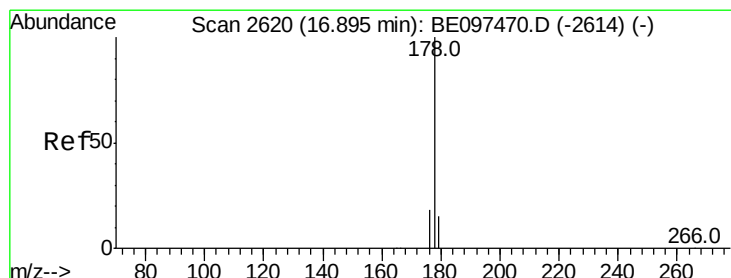
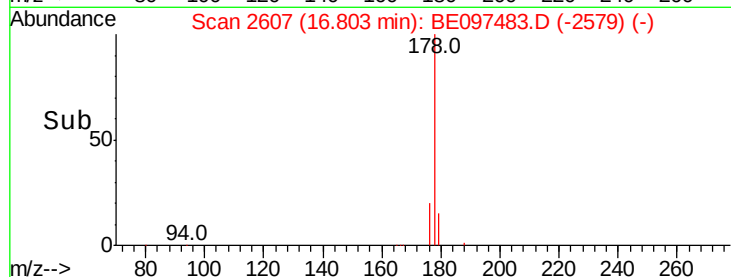
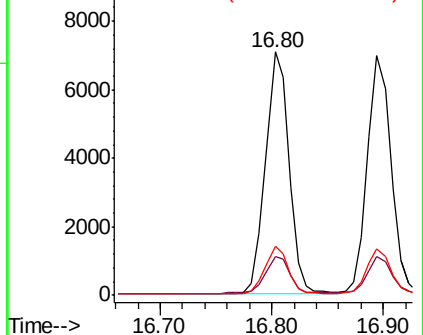
176 20.2 13.6 20.4



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: 0.470 ng/ul

RT: 16.89 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

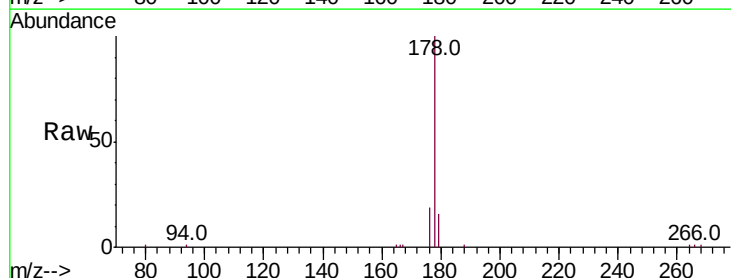
Tgt Ion:178 Resp: 10126

Ion Ratio Lower Upper

178 100

179 16.0 18.1 27.1#

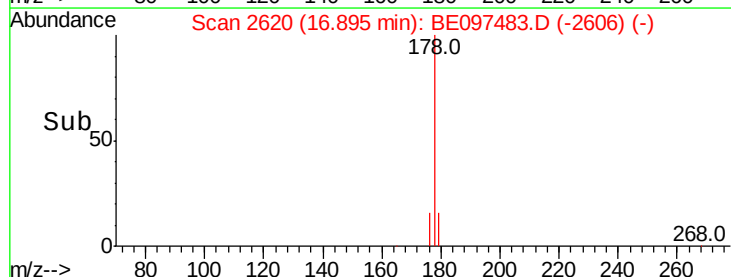
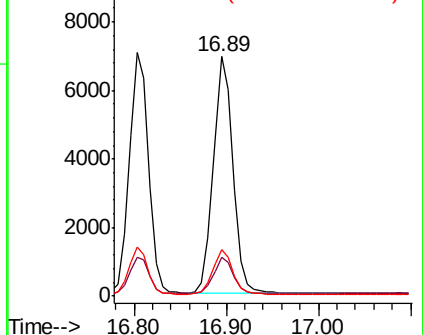
176 19.3 14.7 22.1

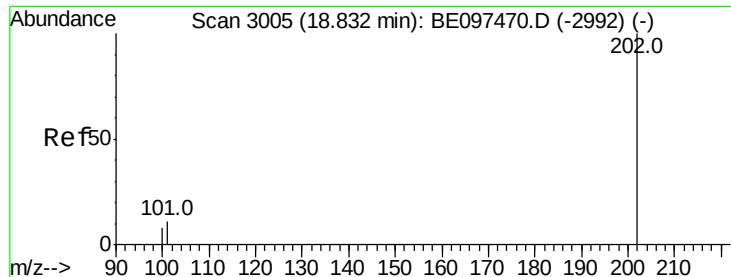


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.374 ng/ul

RT: 18.83 min Scan# 3006

Delta R.T. 0.00 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

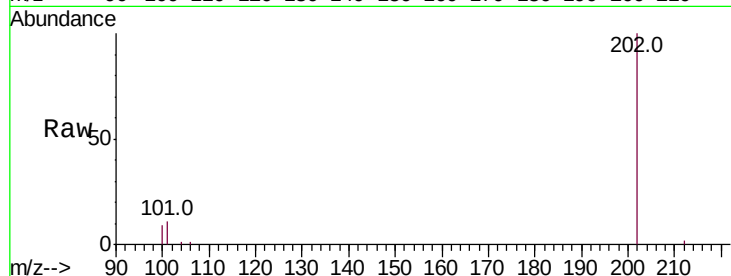
Tot Ion:202 Resp: 12313

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

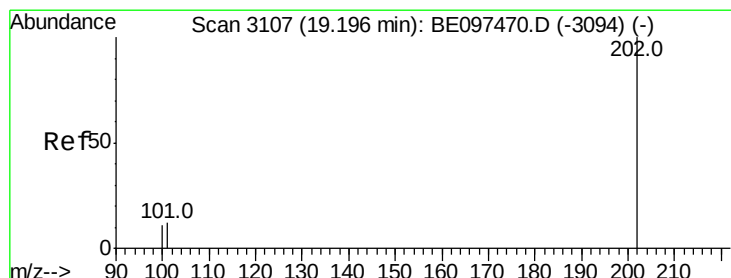
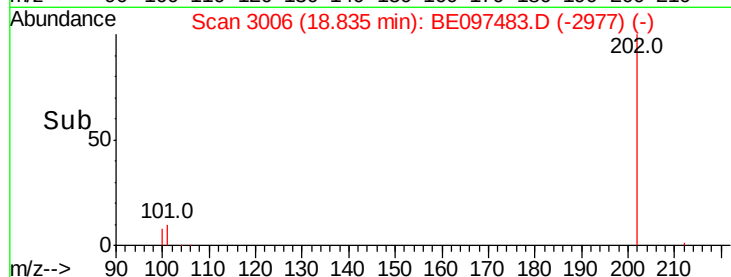
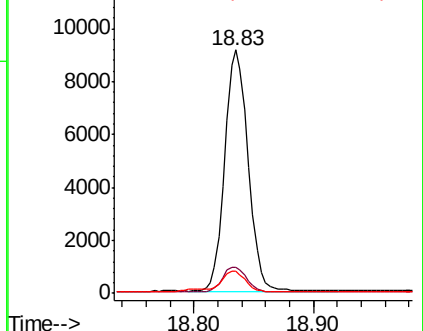
100 8.9 0.0 39.5



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: 0.421 ng/ul

RT: 19.20 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

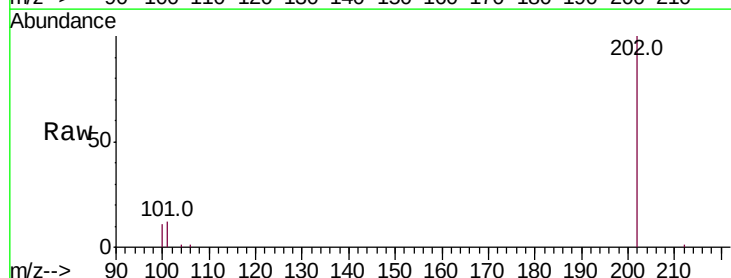
Tgt Ion:202 Resp: 12505

Ion Ratio Lower Upper

202 100

101 12.5 18.2 27.4#

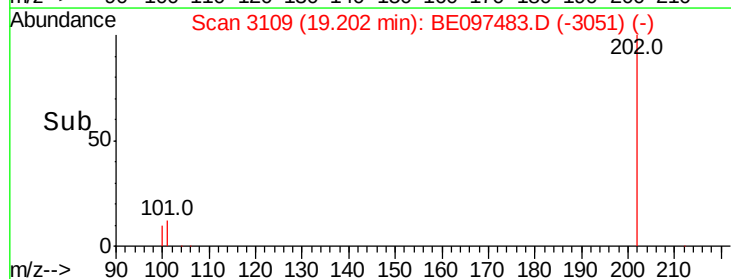
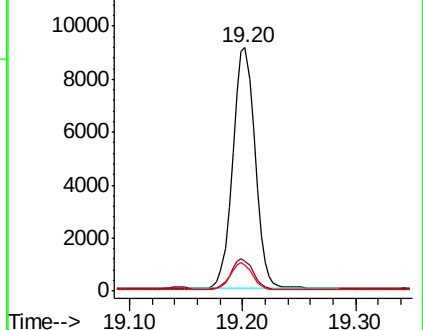
100 10.6 15.6 23.4#

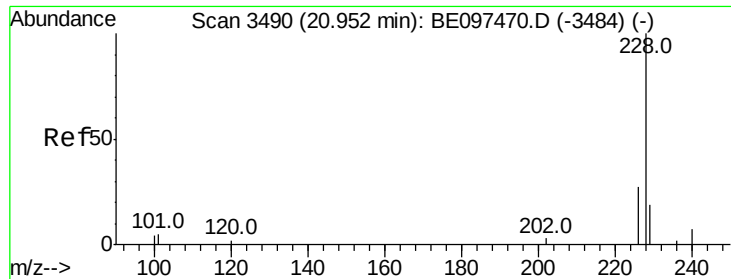


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

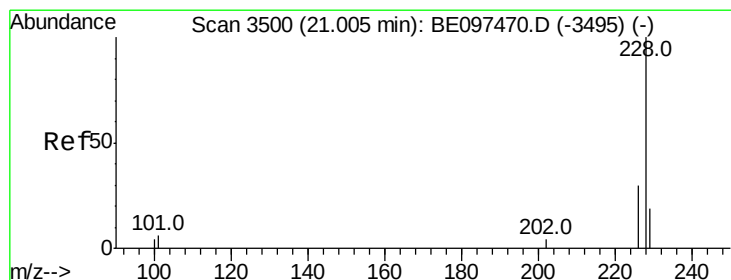
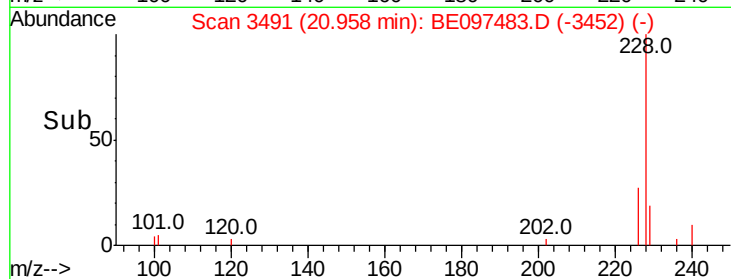
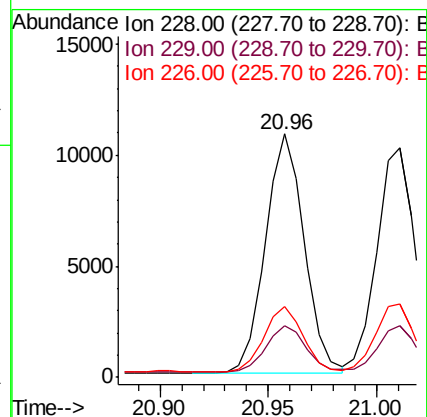
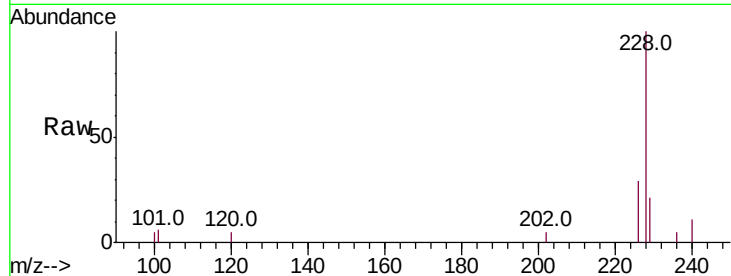




#18
Benzo(a)anthracene
Concen: 0.472 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097483.D
Acq: 13 Sep 2018 11:07

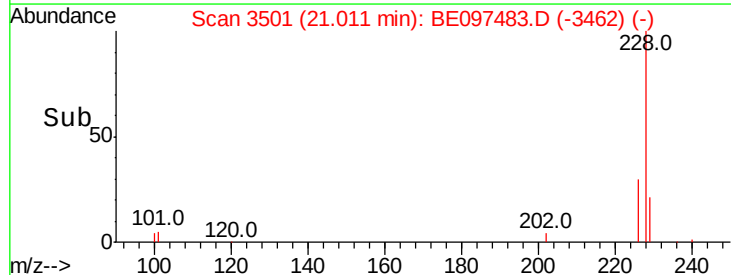
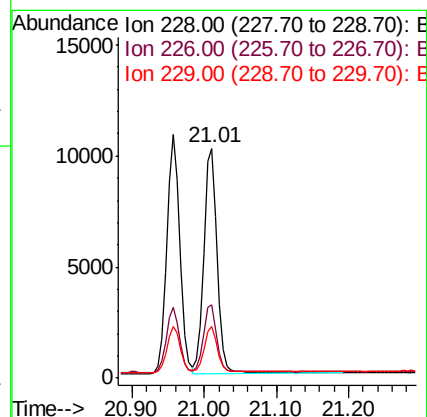
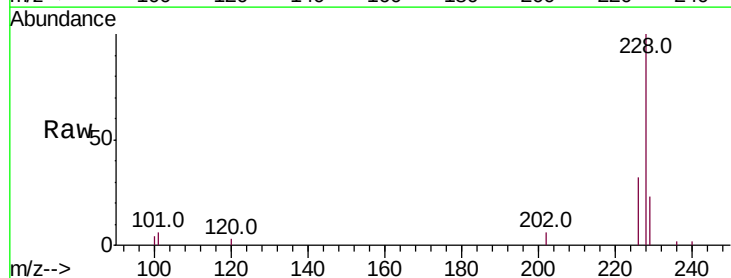
Instrument :
BNA_E
ClientSampleId :
SSTD0.432

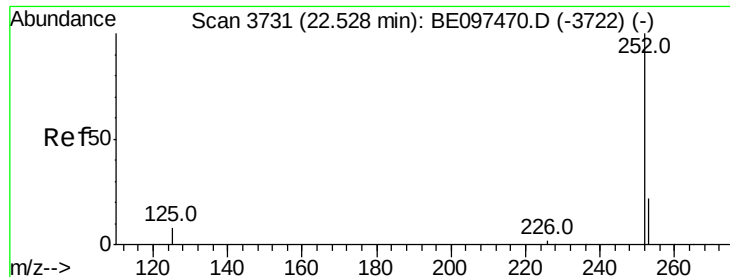
Tot Ion:228 Resp: 13365
Ion Ratio Lower Upper
228 100
229 21.0 22.8 34.2#
226 29.0 17.0 25.6#



#19
Chrysene
Concen: 0.396 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BE097483.D
Acq: 13 Sep 2018 11:07

Tgt Ion:228 Resp: 12932
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.0
229 22.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.423 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

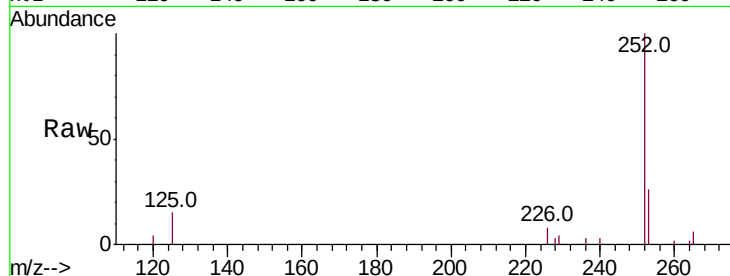
Tot Ion:252 Resp: 13262

Ion Ratio Lower Upper

252 100

253 25.8 0.0 64.2

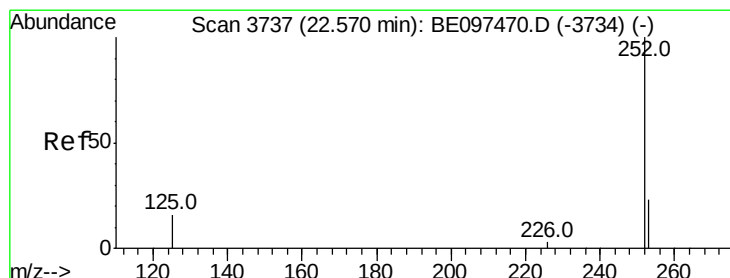
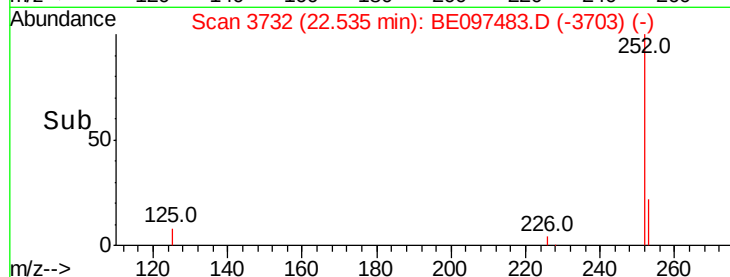
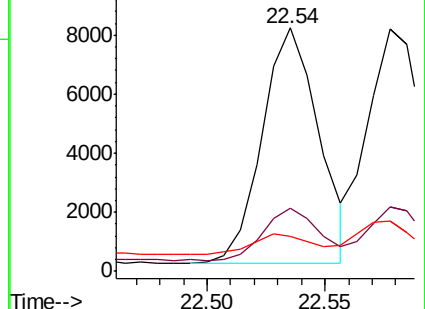
125 14.6 0.0 35.0



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: 0.380 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

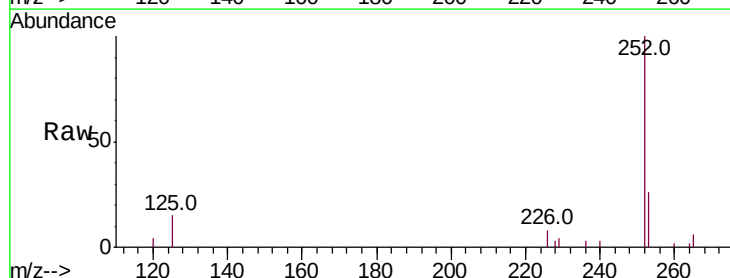
Tgt Ion:252 Resp: 13262

Ion Ratio Lower Upper

252 100

253 25.8 24.5 36.7

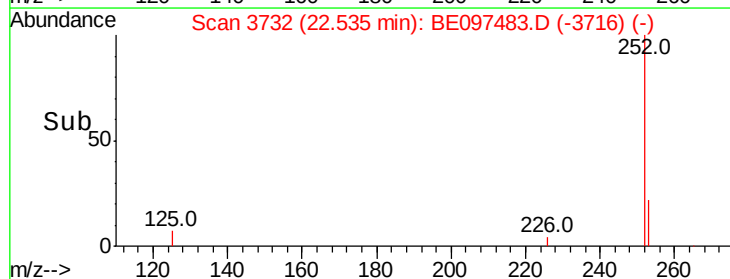
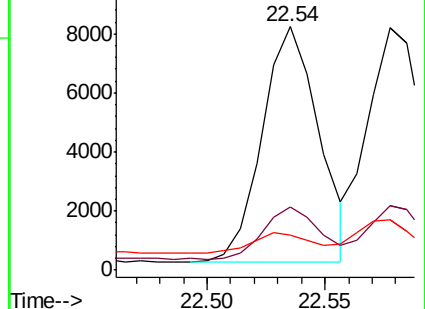
125 14.6 13.7 20.5

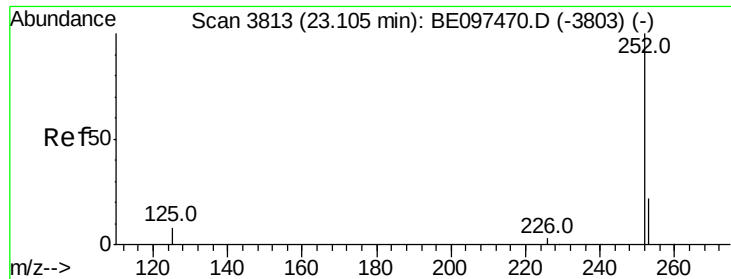


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.448 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

Instrument :

BNA_E

ClientSampleId :

SSTD0.432

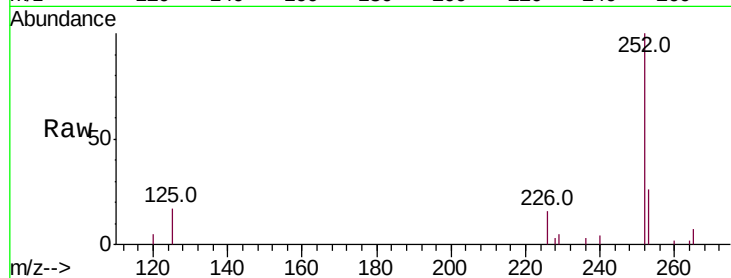
Tot Ion:252 Resp: 12997

Ion Ratio Lower Upper

252 100

253 26.2 28.5 42.7#

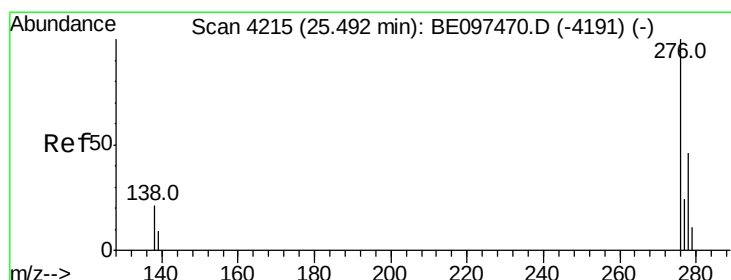
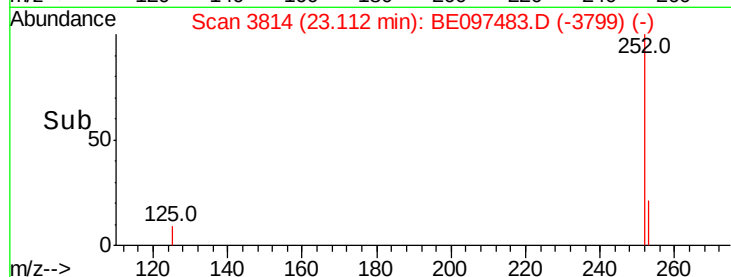
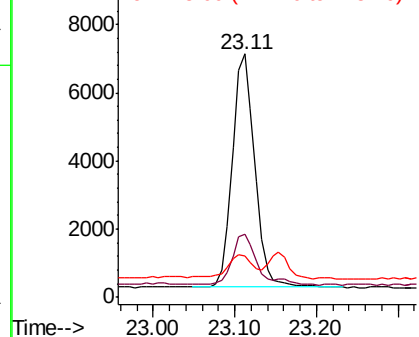
125 16.9 18.1 27.1#



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: 0.439 ng/ul

RT: 25.51 min Scan# 4220

Delta R.T. 0.02 min

Lab File: BE097483.D

Acq: 13 Sep 2018 11:07

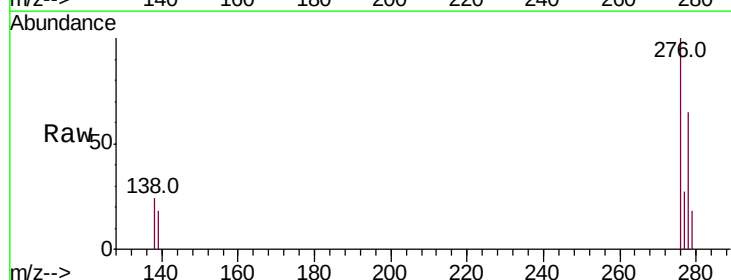
Tgt Ion:276 Resp: 16496

Ion Ratio Lower Upper

276 100

138 22.6 28.0 42.0#

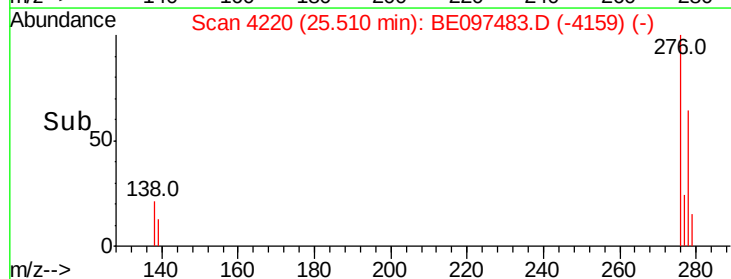
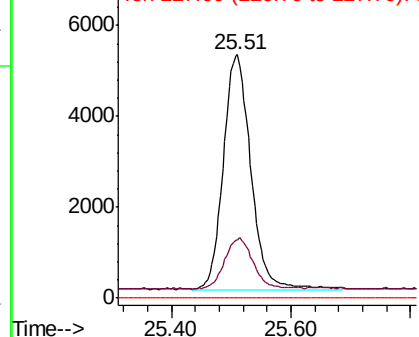
227 0.0 8.0 12.0#

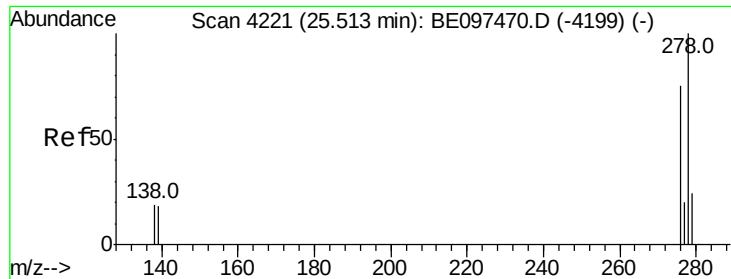


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

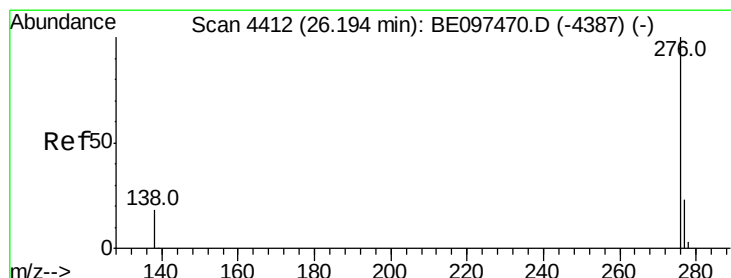
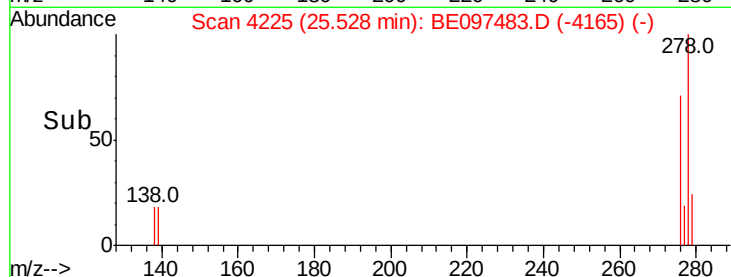
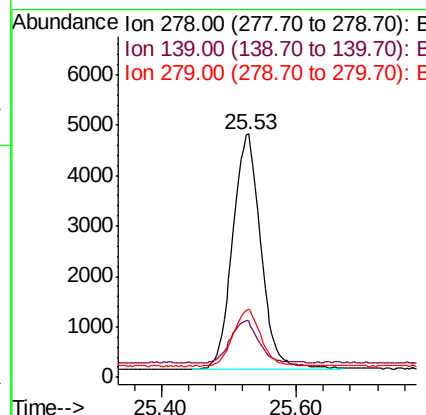
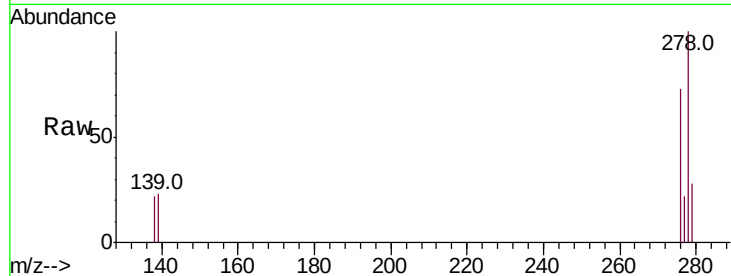




#25
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.02 min
Lab File: BE097483.D
Acq: 13 Sep 2018 11:07

Instrument :
BNA_E
ClientSampleId :
SSTD0.432

Tot Ion:278 Resp: 13629
Ion Ratio Lower Upper
278 100
139 23.1 17.4 26.0
279 27.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.21 min Scan# 4417
Delta R.T. 0.02 min
Lab File: BE097483.D
Acq: 13 Sep 2018 11:07

Tgt Ion:276 Resp: 13515
Ion Ratio Lower Upper
276 100
138 21.5 21.8 32.8#
277 27.6 20.5 30.7

