

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097194.D
 Acq On : 4 Aug 2018 10:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 06 00:42:19 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 : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

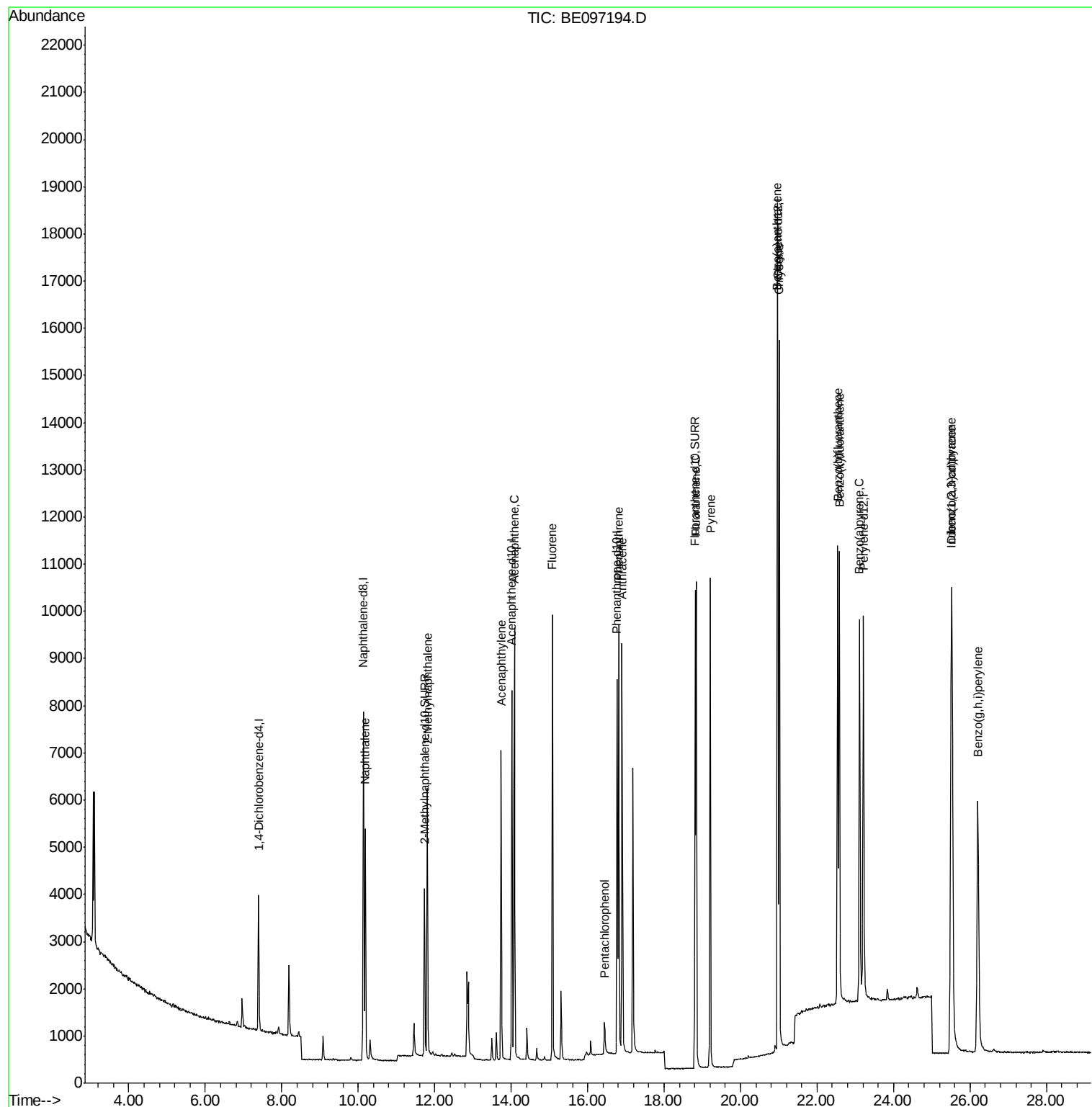
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1416	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7686	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4420	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10171	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	10492	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11100	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4968	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11714	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	7159	0.385	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	4971	0.404	ng/ul	98
7) Acenaphthylene	13.73	152	7664	0.401	ng/ul	97
8) Acenaphthene	14.08	153	5382	0.389	ng/ul	96
9) Fluorene	15.08	166	6122	0.385	ng/ul#	91
11) Pentachlorophenol	16.44	266	433	0.297	ng/ul	95
12) Phenanthrene	16.81	178	10081	0.389	ng/ul#	88
13) Anthracene	16.90	178	9718	0.402	ng/ul#	91
15) Fluoranthene	18.84	202	11538	0.337	ng/ul	84
17) Pyrene	19.21	202	11605	0.413	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	12196	0.407	ng/ul#	86
19) Chrysene	21.01	228	12152	0.393	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	11893	0.393	ng/ul	86
22) Benzo(k)fluoranthene	22.58	252	12871	0.395	ng/ul#	87
23) Benzo(a)pyrene	23.11	252	12141	0.401	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.51	276	15207	0.401	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.53	278	12690	0.409	ng/ul	90
26) Benzo(g,h,i)perylene	26.21	276	12835	0.392	ng/ul#	93

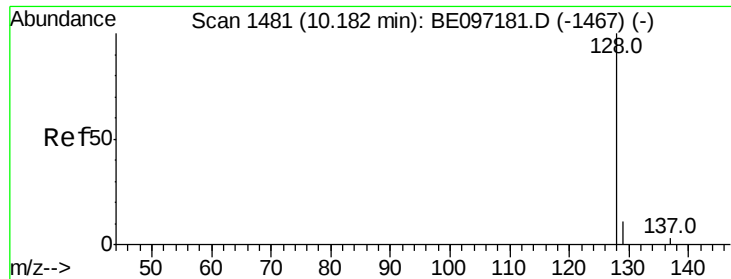
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.385 ng/ul

RT: 10.18 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

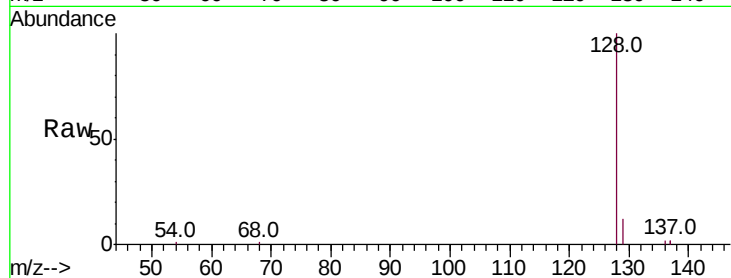
Tot Ion:128 Resp: 7159

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

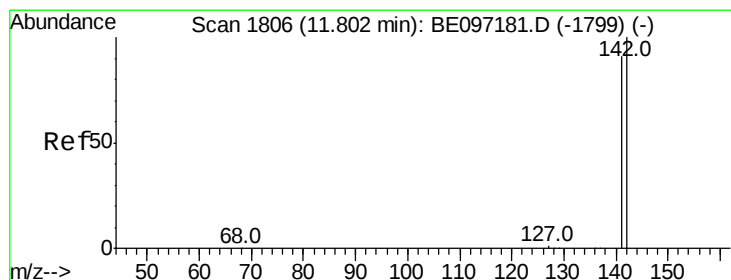
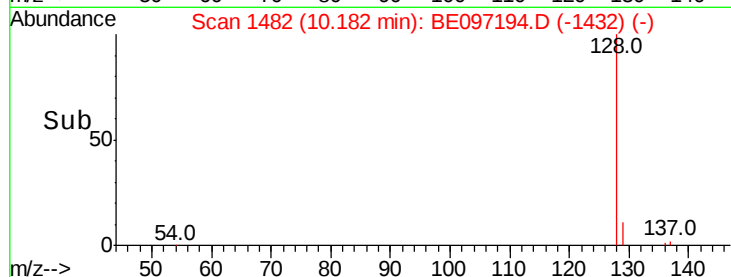
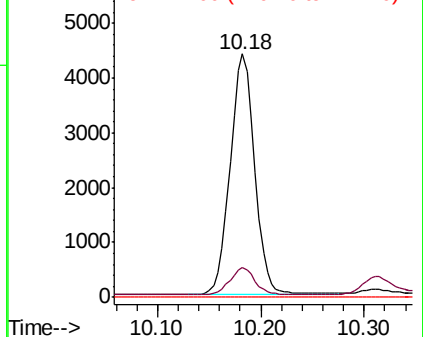
127 0.0 4.0 6.0#



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: 0.404 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097194.D

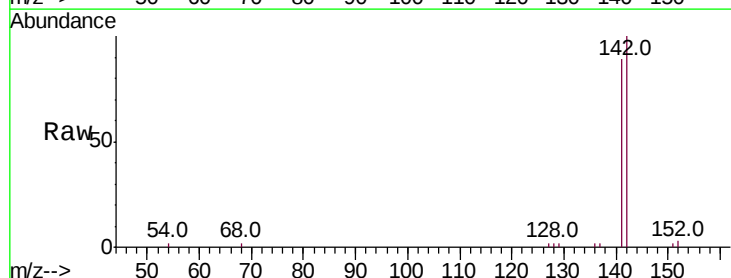
Acq: 4 Aug 2018 10:29

Tgt Ion:142 Resp: 4971

Ion Ratio Lower Upper

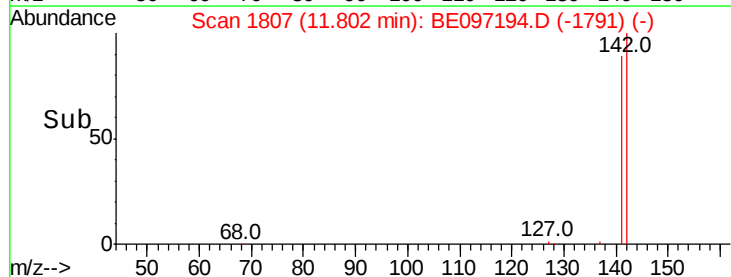
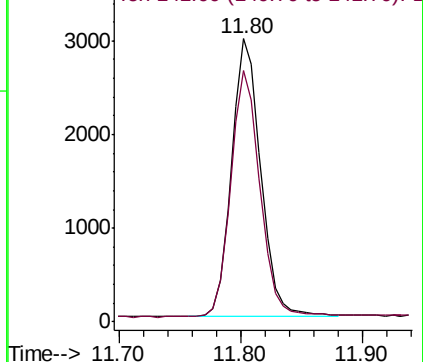
142 100

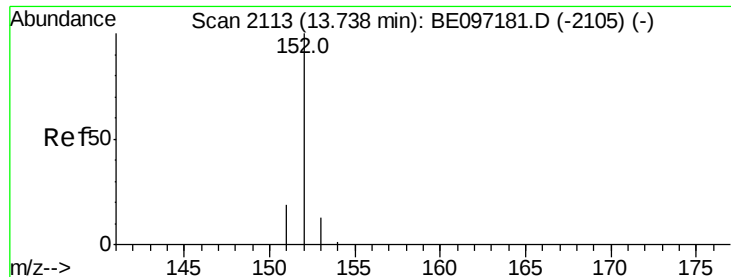
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

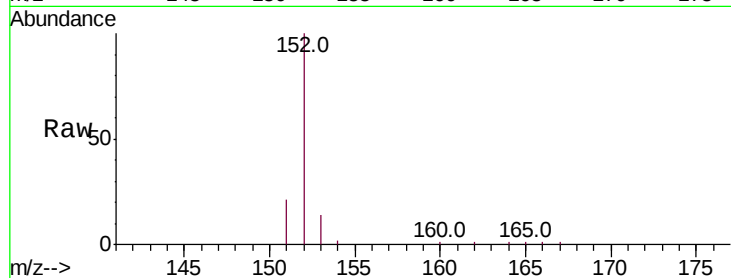
Tot Ion:152 Resp: 7664

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

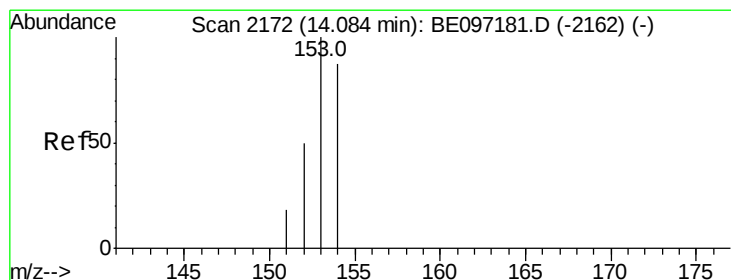
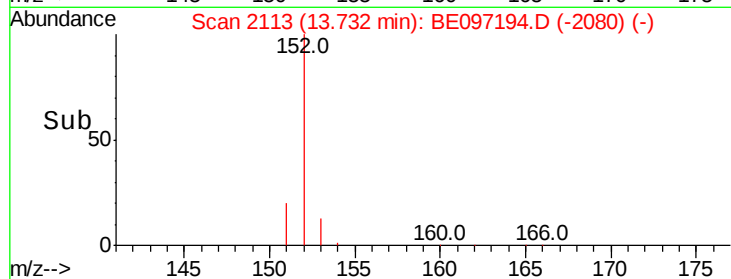
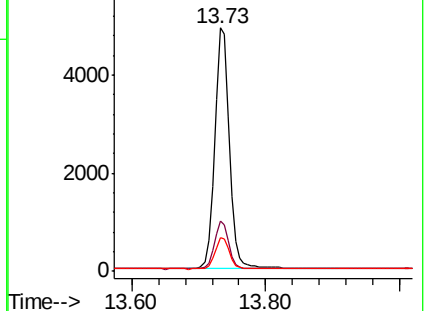
153 13.7 12.8 19.2



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: 0.389 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

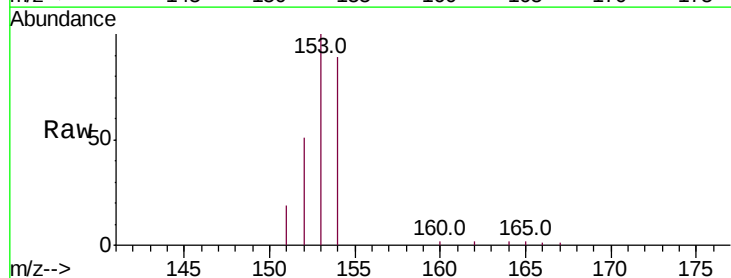
Tgt Ion:153 Resp: 5382

Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

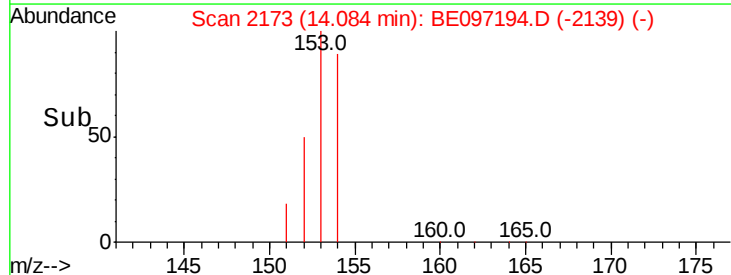
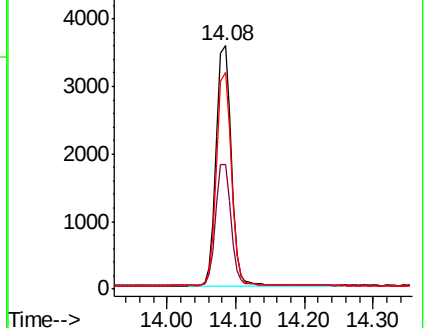
154 88.9 72.0 108.0

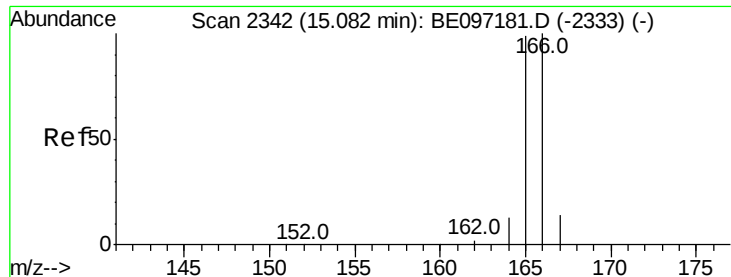


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

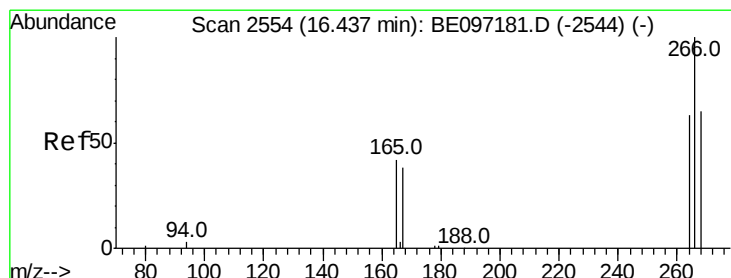
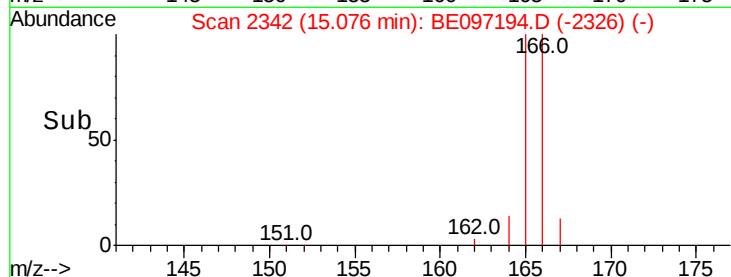
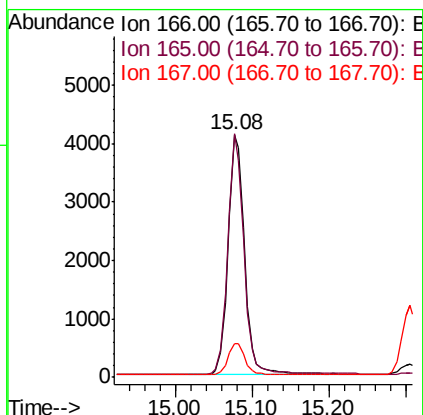
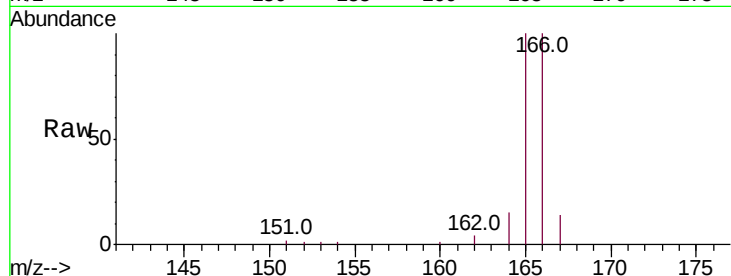




#9
Fluorene
 Concen: 0.385 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BE097194.D
 Acq: 4 Aug 2018 10:29

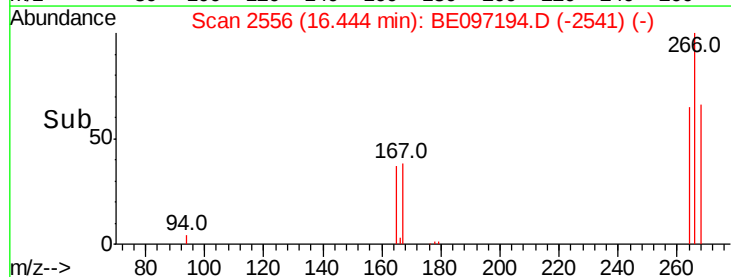
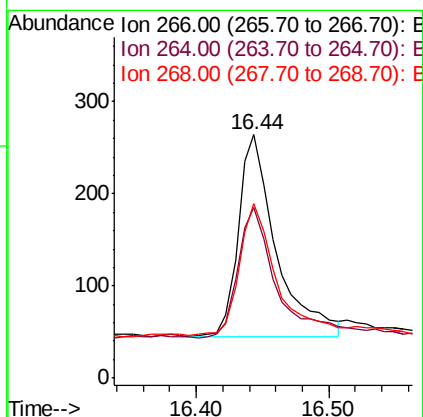
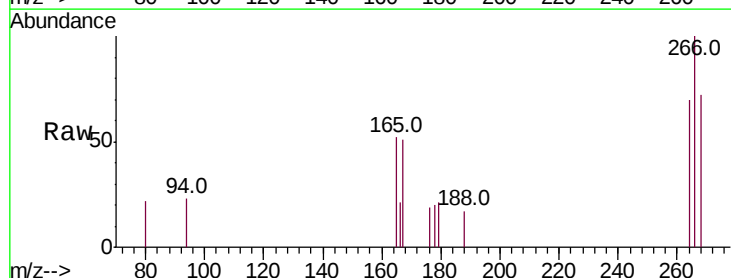
Instrument :
 BNA_E
 ClientSampleId :

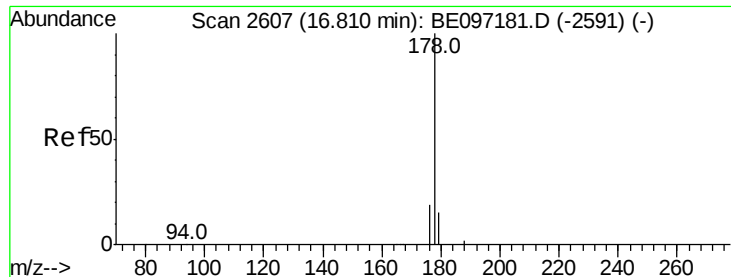
Tot Ion:166 Resp: 6122
 Ion Ratio Lower Upper
 166 100
 165 100.4 73.4 110.2
 167 13.8 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.297 ng/ul
 RT: 16.44 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BE097194.D
 Acq: 4 Aug 2018 10:29

Tgt Ion:266 Resp: 433
 Ion Ratio Lower Upper
 266 100
 264 65.1 47.9 71.9
 268 64.4 49.8 74.8

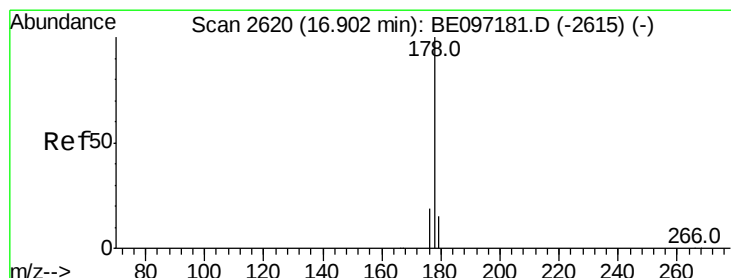
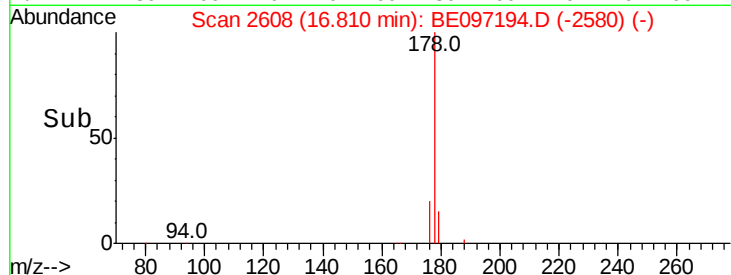
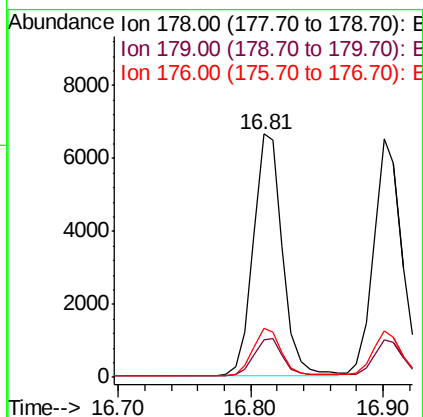
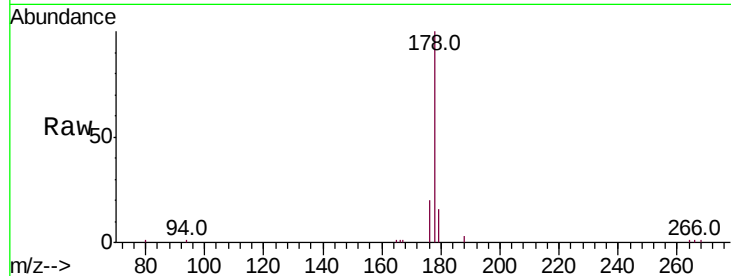




#12
Phenanthrene
Concen: 0.389 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE097194.D
Acq: 4 Aug 2018 10:29

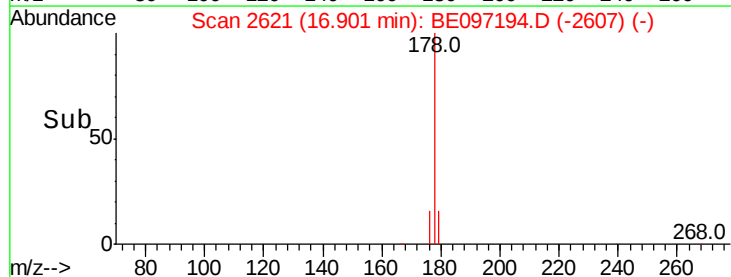
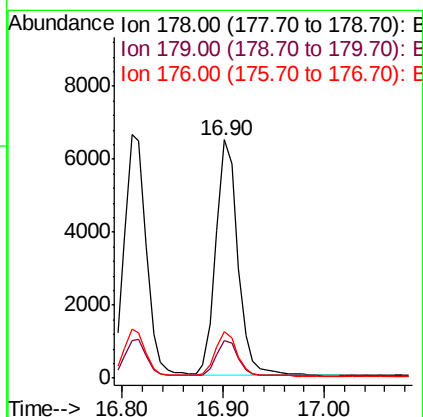
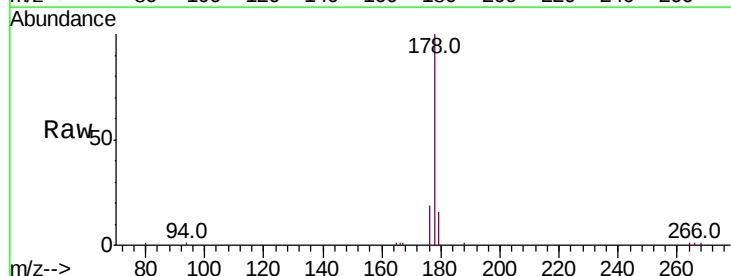
Instrument :
BNA_E
ClientSampleId :

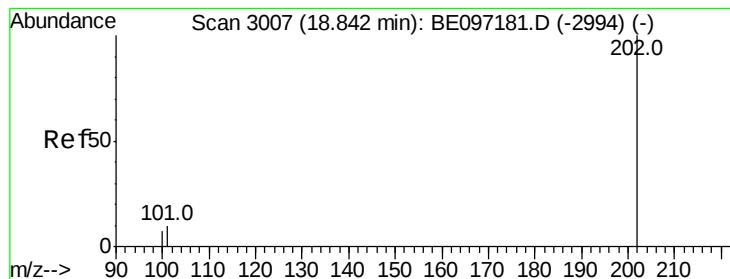
Tot Ion:178 Resp: 10081
Ion Ratio Lower Upper
178 100
179 15.6 18.4 27.6#
176 20.3 13.6 20.4



#13
Anthracene
Concen: 0.402 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE097194.D
Acq: 4 Aug 2018 10:29

Tgt Ion:178 Resp: 9718
Ion Ratio Lower Upper
178 100
179 16.0 18.1 27.1#
176 19.4 14.7 22.1





#15

Fluoranthene

Concen: 0.337 ng/ul

RT: 18.84 min Scan# 3008

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

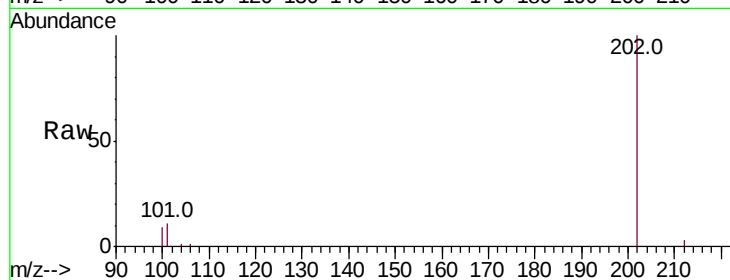
Tot Ion:202 Resp: 11538

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

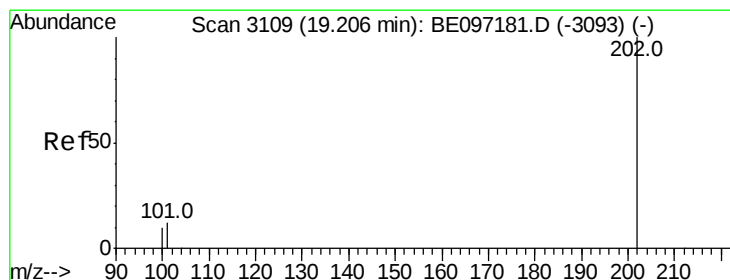
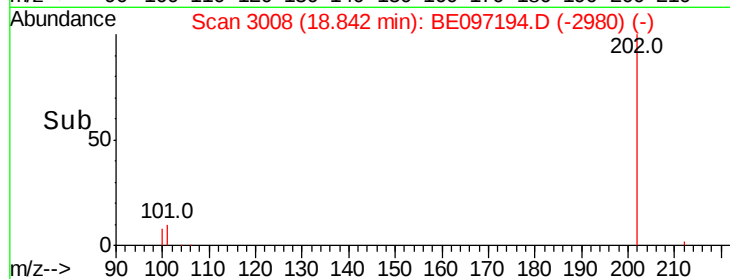
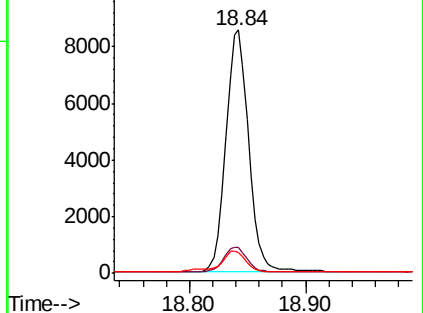
100 8.5 0.0 39.5



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: 0.413 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

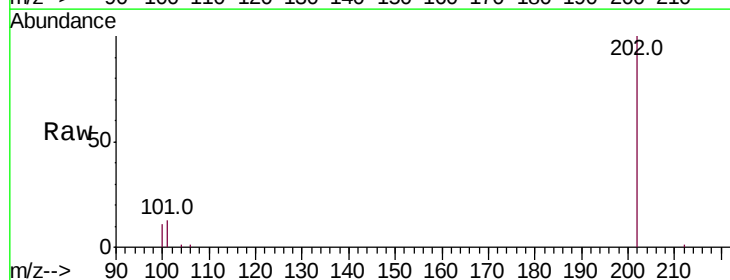
Tgt Ion:202 Resp: 11605

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

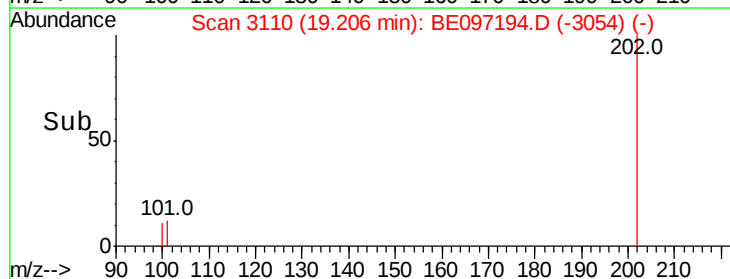
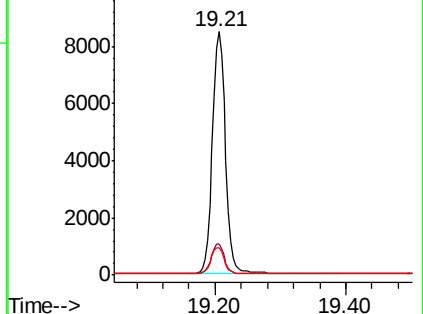
100 11.0 15.6 23.4#

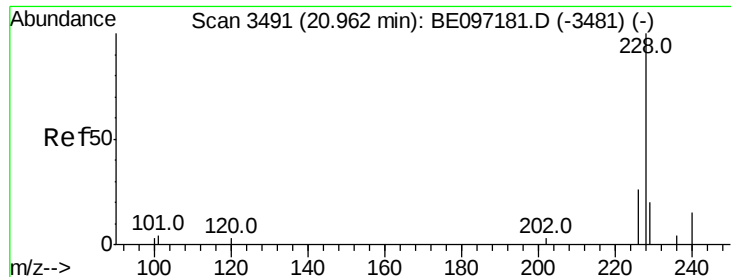


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.407 ng/ul

RT: 20.96 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

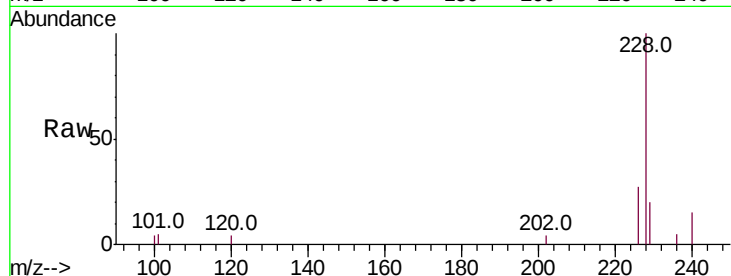
Tot Ion:228 Resp: 12196

Ion Ratio Lower Upper

228 100

229 20.4 22.8 34.2#

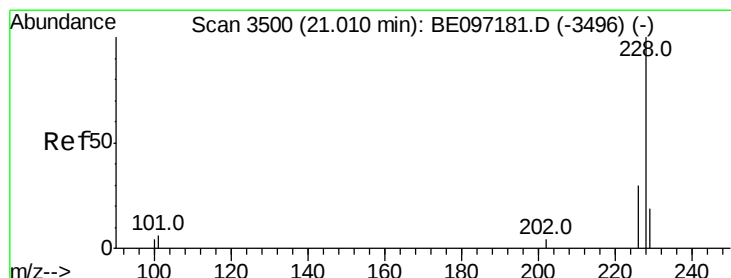
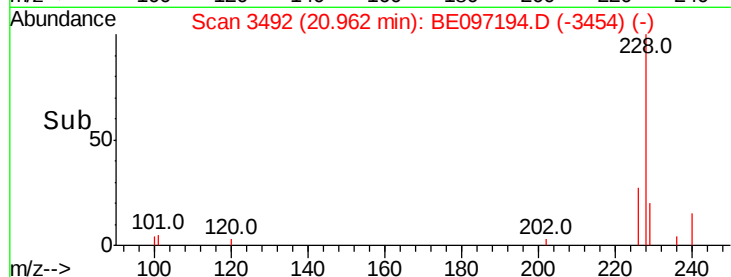
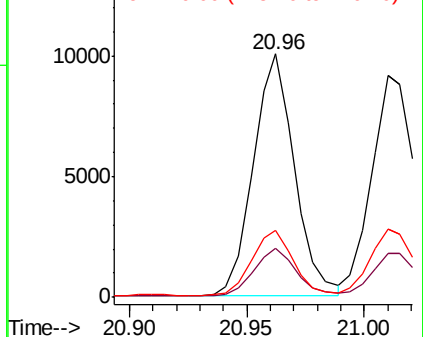
226 27.3 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.393 ng/ul

RT: 21.01 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

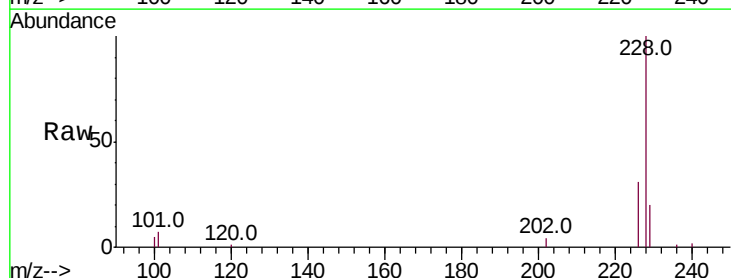
Tgt Ion:228 Resp: 12152

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

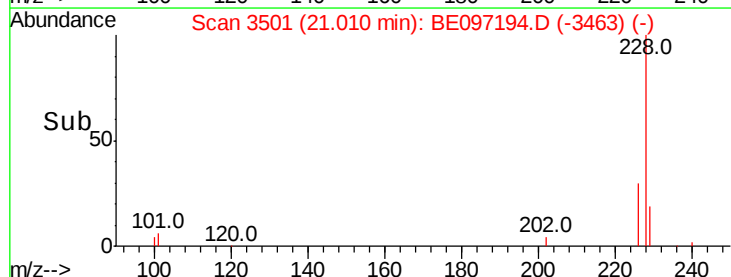
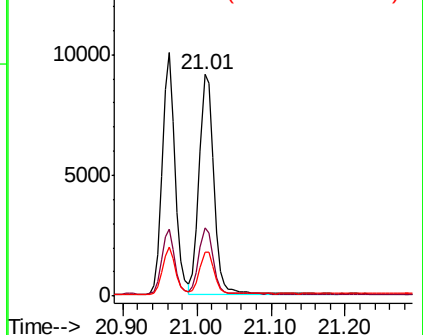
229 19.8 17.7 26.5

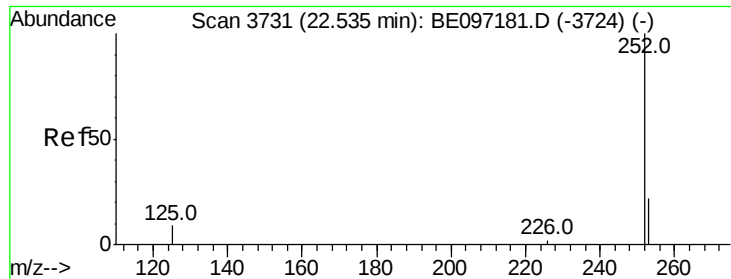


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.393 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

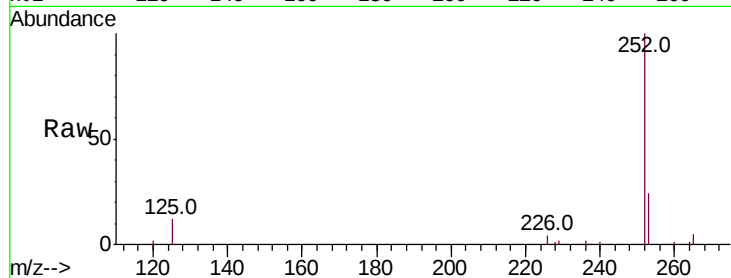
Tot Ion:252 Resp: 11893

Ion Ratio Lower Upper

252 100

253 23.6 0.0 64.2

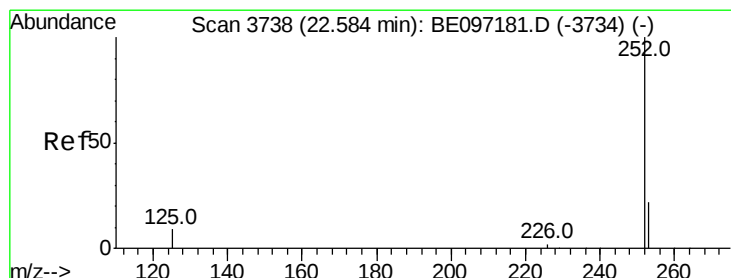
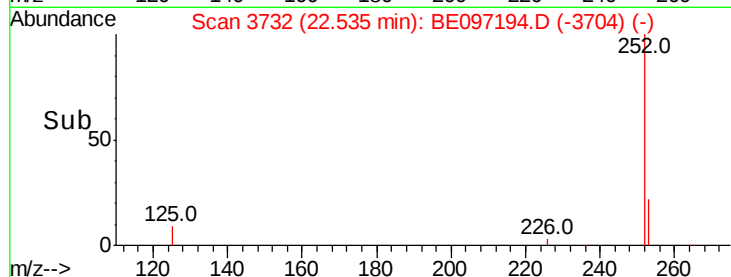
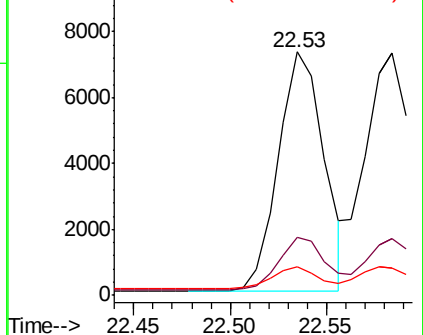
125 11.8 0.0 35.0



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: 0.395 ng/ul

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

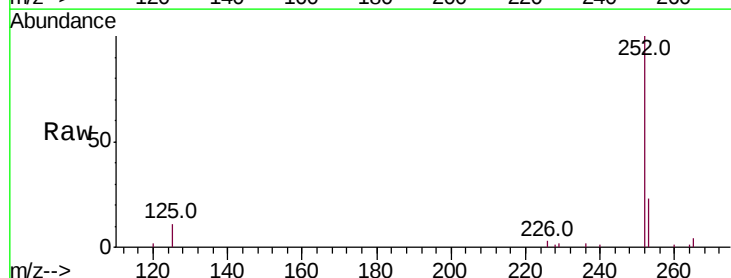
Tgt Ion:252 Resp: 12871

Ion Ratio Lower Upper

252 100

253 23.5 24.5 36.7#

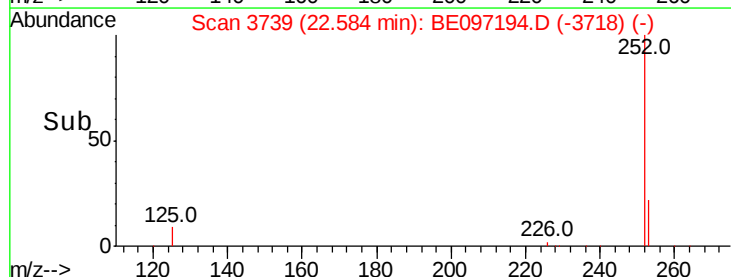
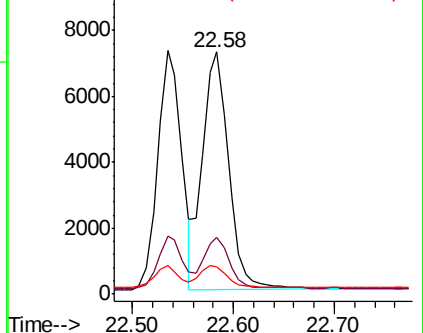
125 11.2 13.7 20.5#

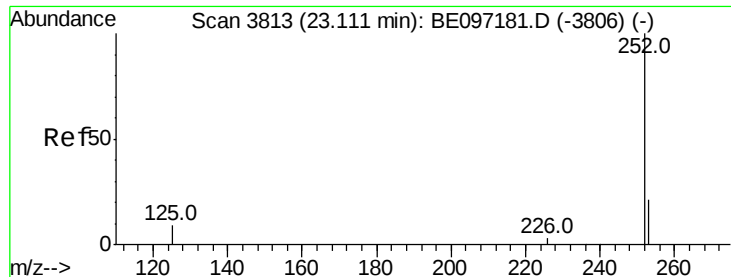


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

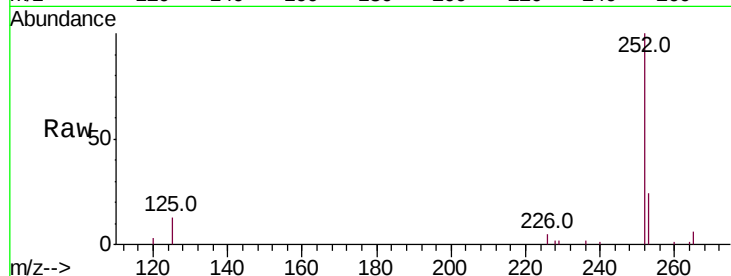
Tot Ion:252 Resp: 12141

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

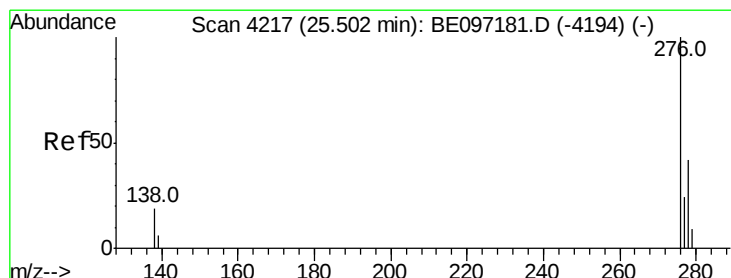
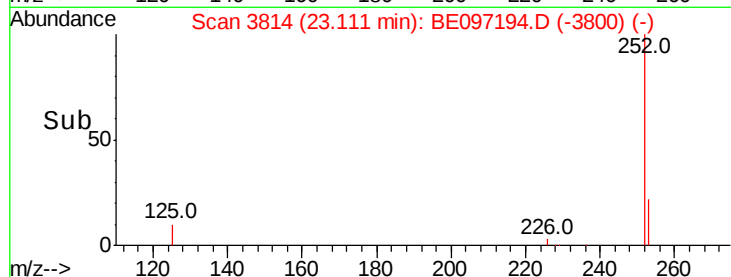
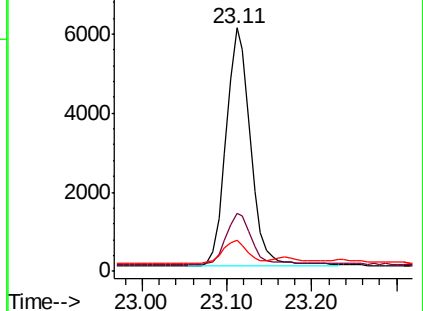
125 13.0 18.1 27.1#



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: 0.401 ng/ul

RT: 25.51 min Scan# 4220

Delta R.T. 0.01 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

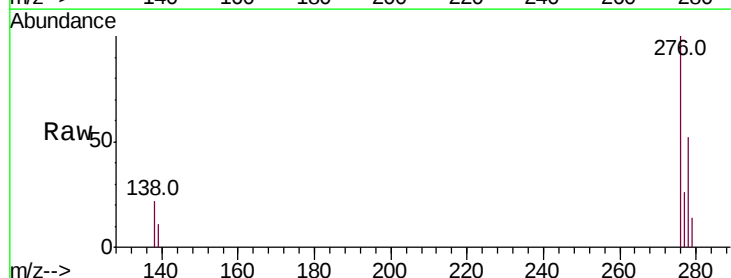
Tgt Ion:276 Resp: 15207

Ion Ratio Lower Upper

276 100

138 21.7 28.0 42.0#

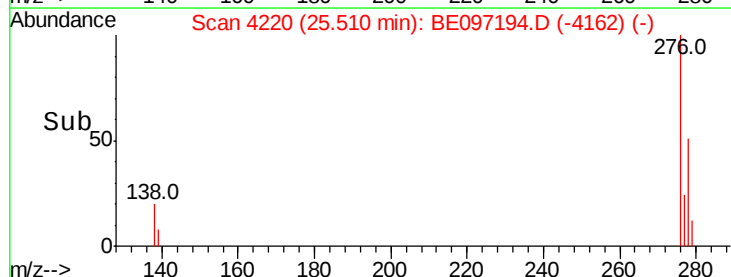
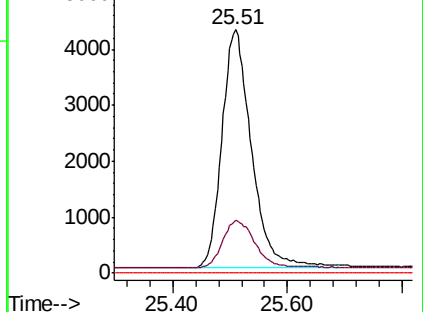
227 0.0 8.0 12.0#

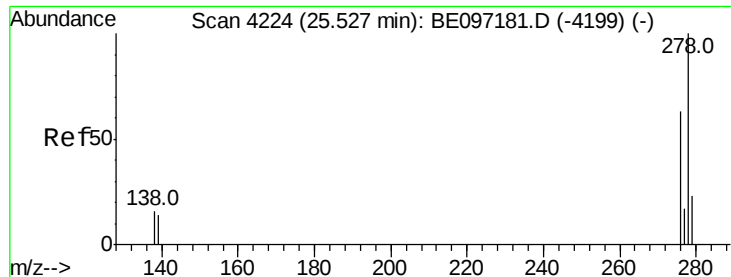


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.409 ng/ul

RT: 25.53 min Scan# 4226

Delta R.T. 0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

Instrument :

BNA_E

ClientSampleId :

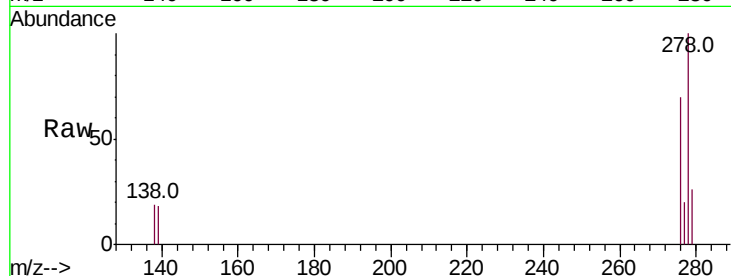
Tot Ion:278 Resp: 12690

Ion Ratio Lower Upper

278 100

139 18.1 17.4 26.0

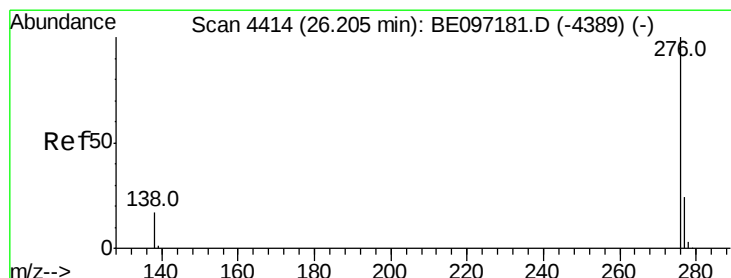
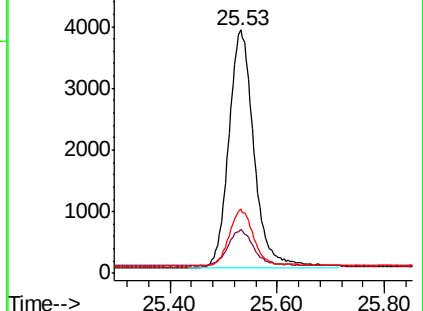
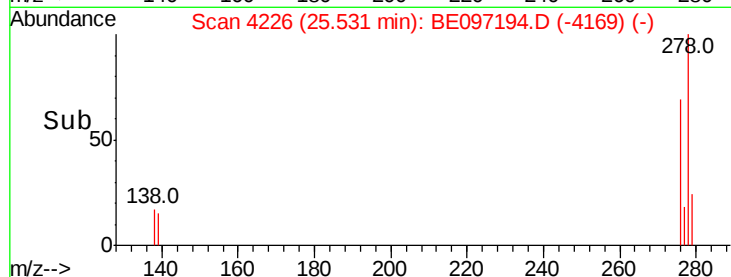
279 26.3 25.9 38.9



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: 0.392 ng/ul

RT: 26.21 min Scan# 4415

Delta R.T. 0.00 min

Lab File: BE097194.D

Acq: 4 Aug 2018 10:29

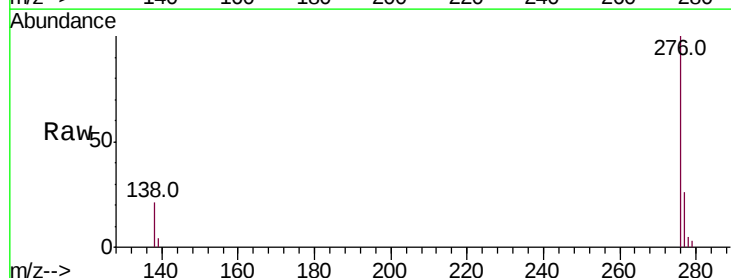
Tgt Ion:276 Resp: 12835

Ion Ratio Lower Upper

276 100

138 20.9 21.8 32.8#

277 26.1 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

