

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
 Data File : BE098108.D
 Acq On : 30 Oct 2018 10:57
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 30 12:54:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 30 01:14:11 2018
 Response via : Initial Calibration

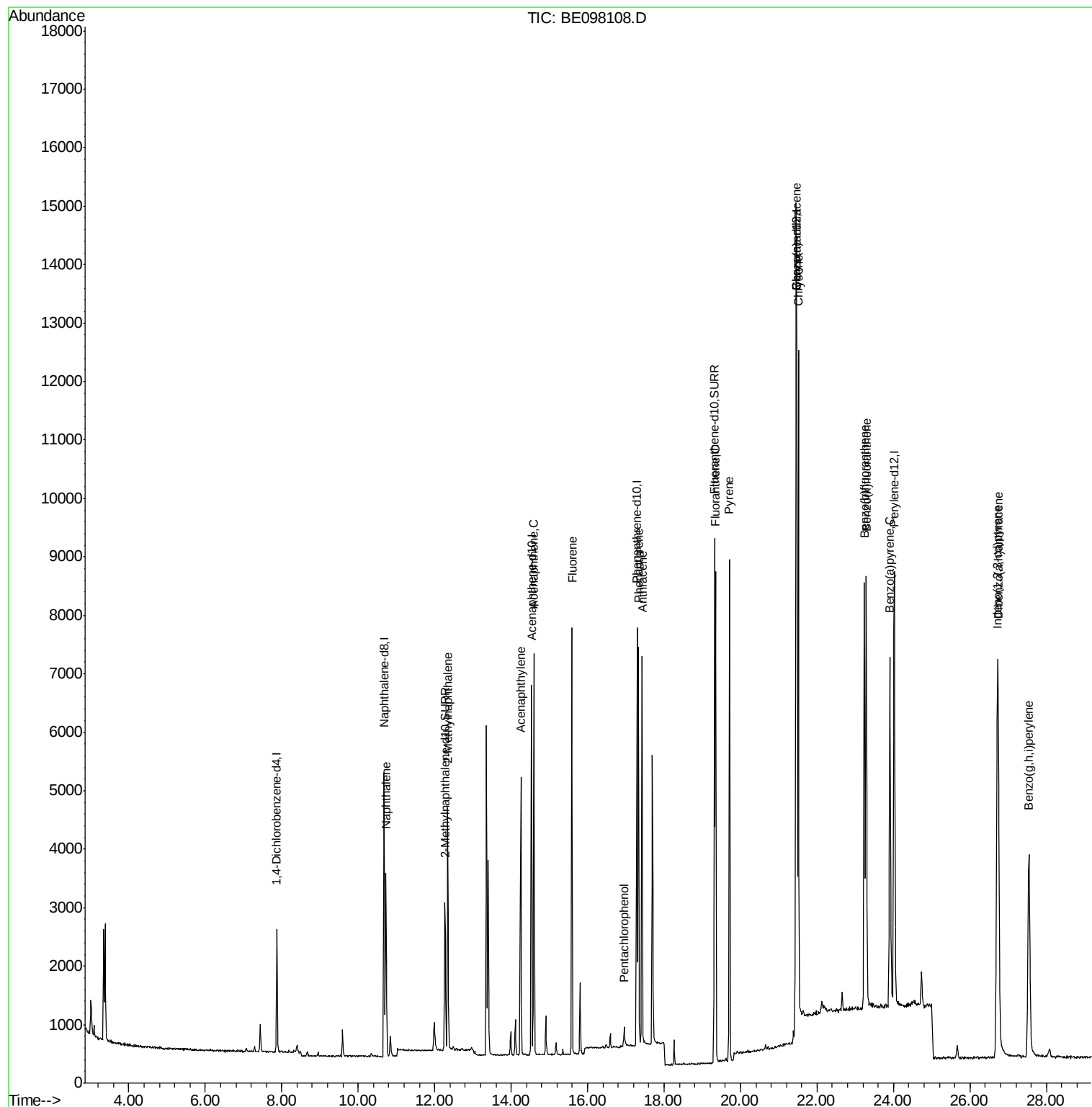
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1072	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5221	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3631	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8818	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13240	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11005	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3503	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	10557	0.37	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.73	128	4735	0.379	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	3557	0.376	ng/ul	100
7) Acenaphthylene	14.25	152	5398	0.377	ng/ul	98
8) Acenaphthene	14.59	153	3956	0.370	ng/ul	97
9) Fluorene	15.59	166	4739	0.368	ng/ul	98
11) Pentachlorophenol	16.95	266	223	0.483	ng/ul	98
12) Phenanthrene	17.33	178	7628	0.375	ng/ul	99
13) Anthracene	17.42	178	7490	0.373	ng/ul	99
15) Fluoranthene	19.35	202	9641	0.372	ng/ul	99
17) Pyrene	19.71	202	9793	0.317	ng/ul	98
18) Benzo(a)anthracene	21.45	228	12702	0.326	ng/ul	100
19) Chrysene	21.51	228	10476	0.348	ng/ul	98
21) Benzo(b)fluoranthene	23.24	252	10375	0.340	ng/ul	97
22) Benzo(k)fluoranthene	23.29	252	10598	0.355	ng/ul	98
23) Benzo(a)pyrene	23.91	252	10198	0.348	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	11606	0.345	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.74	278	9557	0.341	ng/ul	99
26) Benzo(g,h,i)perylene	27.54	276	9748	0.345	ng/ul	97

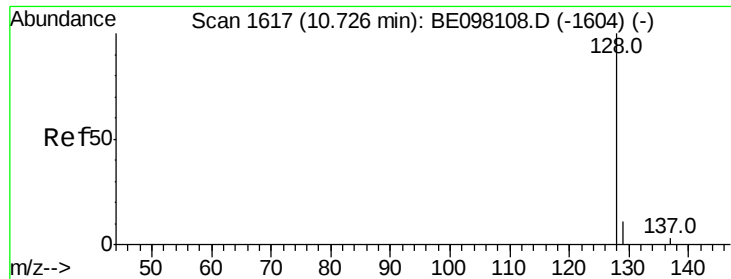
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.379 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

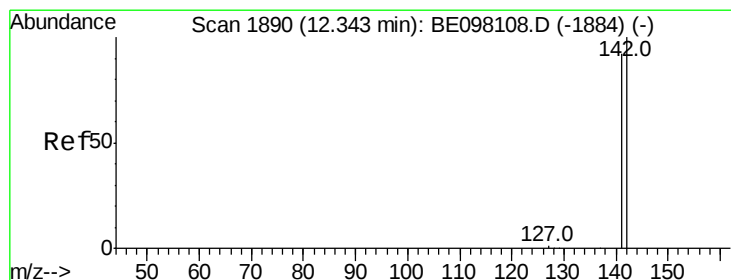
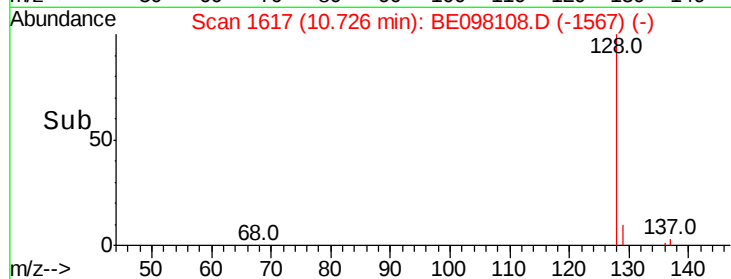
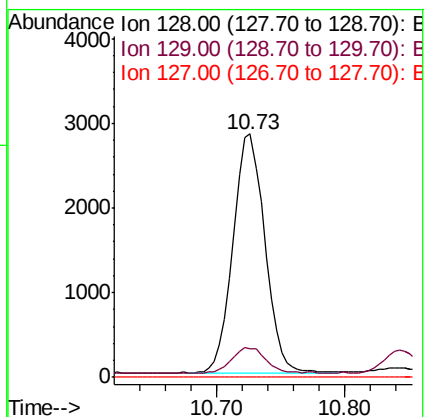
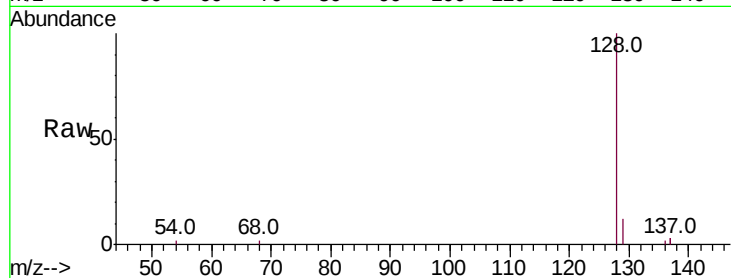
Tot Ion:128 Resp: 4735

Ion Ratio Lower Upper

128 100

129 12.0 10.5 15.7

127 0.0 0.0 0.0



#5

2-Methylnaphthalene

Concen: 0.376 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BE098108.D

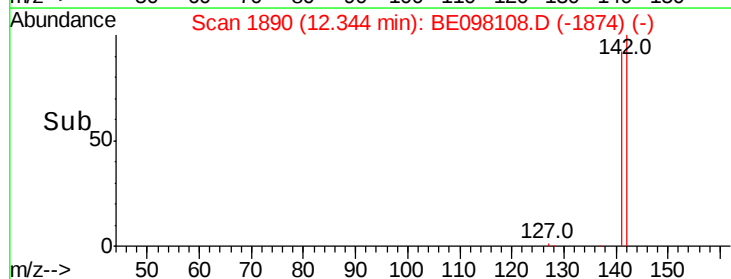
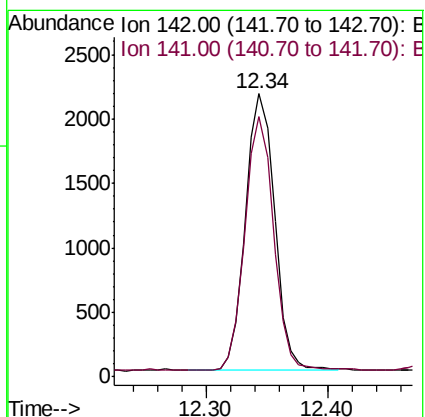
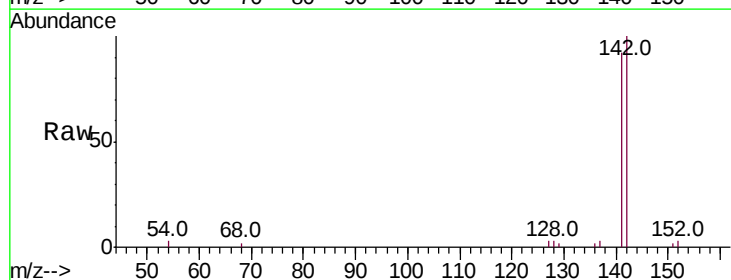
Acq: 30 Oct 2018 10:57

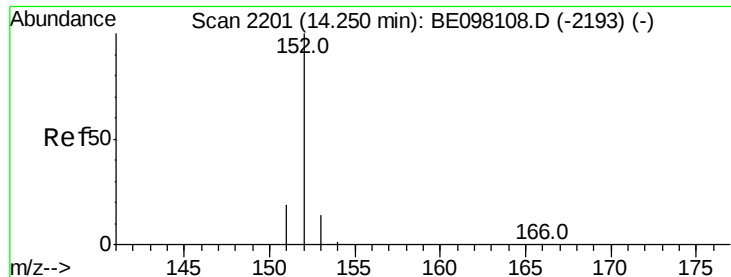
Tgt Ion:142 Resp: 3557

Ion Ratio Lower Upper

142 100

141 90.2 72.5 108.7





#7

Acenaphthylene

Concen: 0.377 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

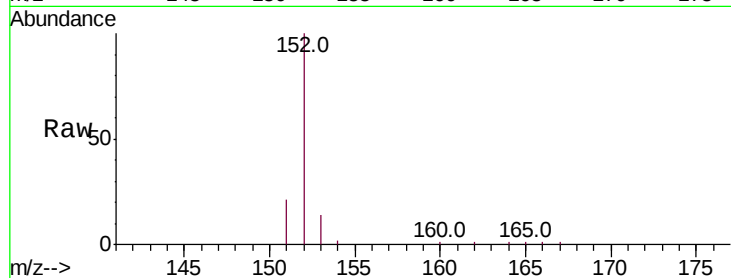
Tot Ion:152 Resp: 5398

Ion Ratio Lower Upper

152 100

151 21.0 17.3 25.9

153 13.7 11.9 17.9

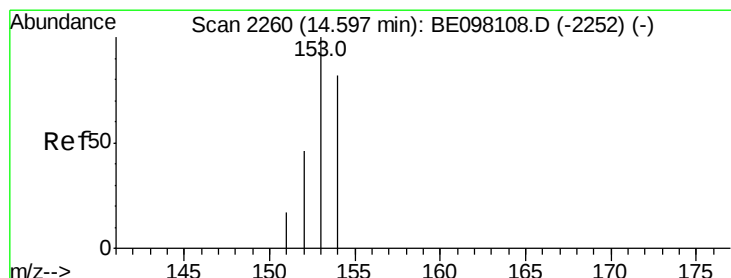
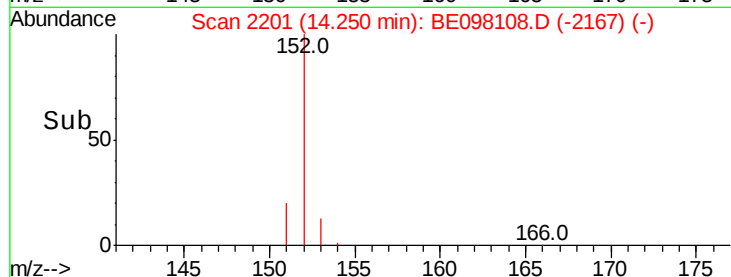
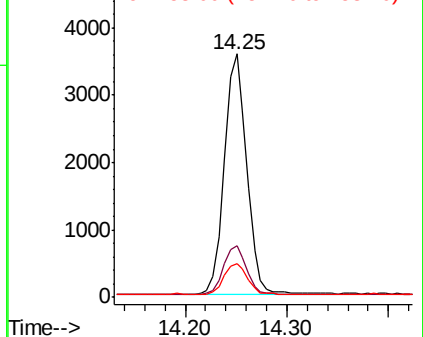


Abundance

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: 0.370 ng/ul

RT: 14.59 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

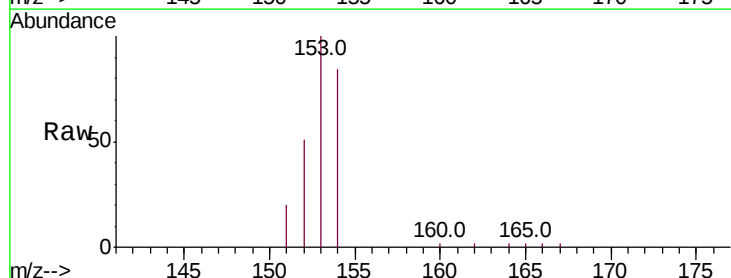
Tgt Ion:153 Resp: 3956

Ion Ratio Lower Upper

153 100

152 50.8 39.4 59.0

154 84.4 70.5 105.7

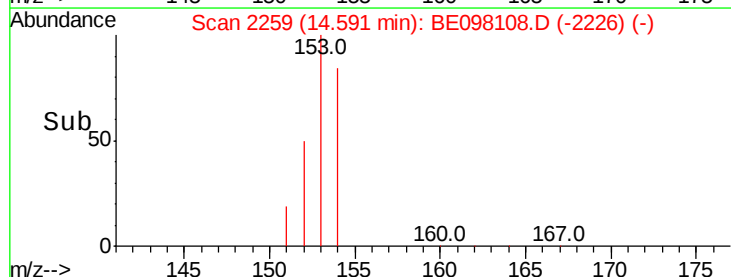
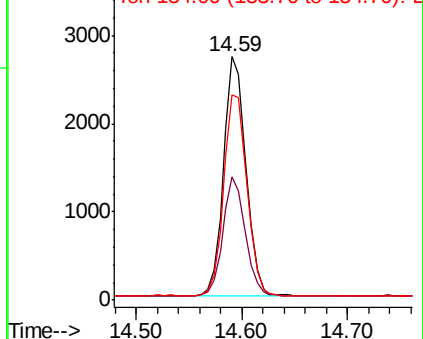


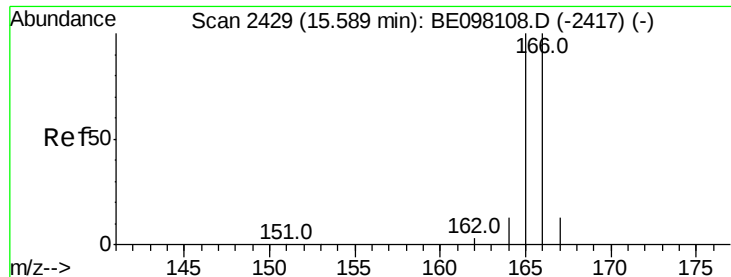
Abundance

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

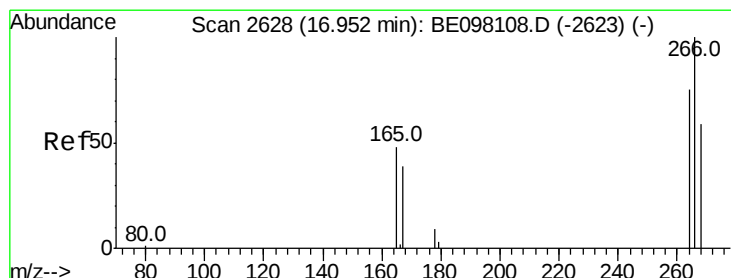
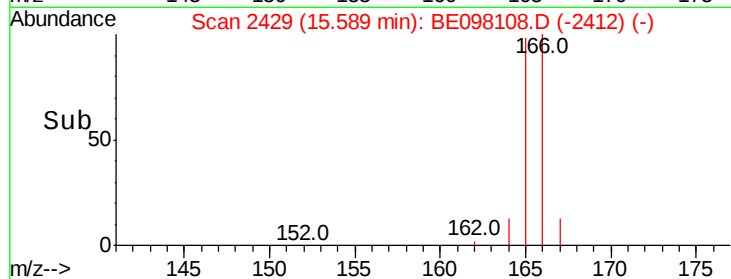
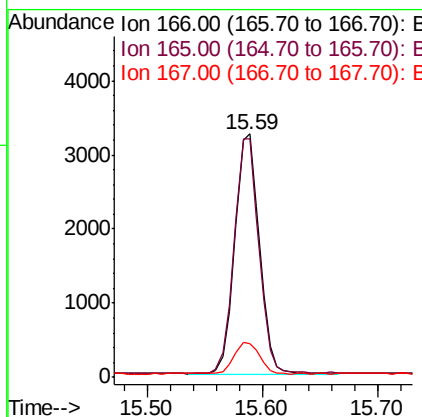
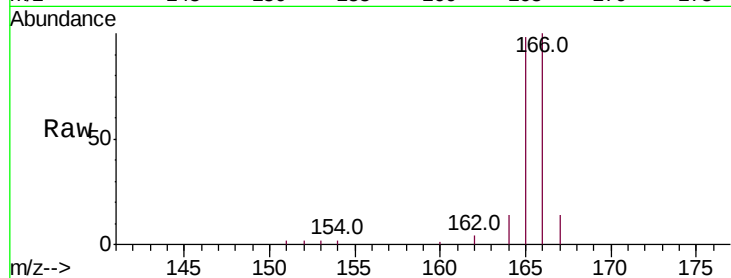




#9
Fluorene
 Concen: 0.368 ng/ul
 RT: 15.59 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BE098108.D
 Acq: 30 Oct 2018 10:57

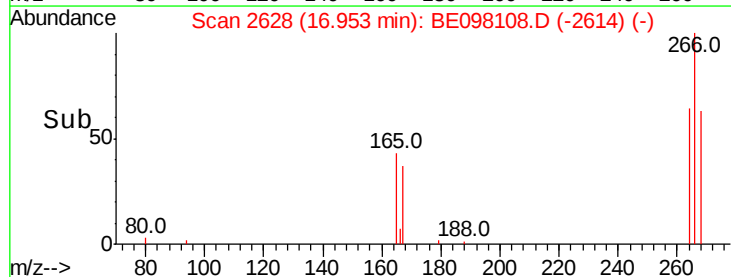
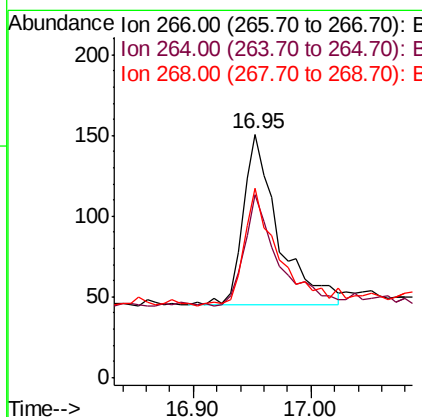
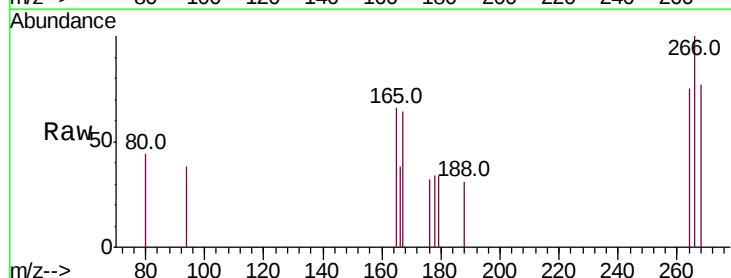
Instrument :
 BNA_E
 ClientSampleId :

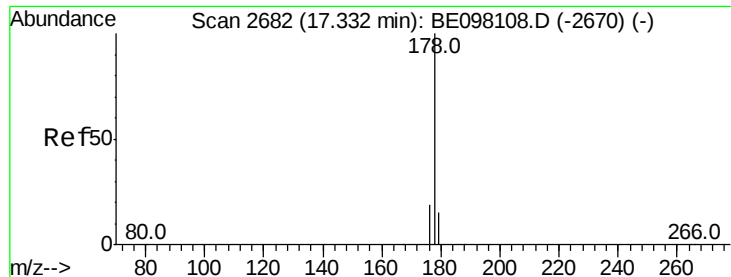
Tot Ion:166 Resp: 4739
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.2 120.4
 167 14.0 12.0 18.0



#11
Pentachlorophenol
 Concen: 0.483 ng/ul
 RT: 16.95 min Scan# 2628
 Delta R.T. 0.00 min
 Lab File: BE098108.D
 Acq: 30 Oct 2018 10:57

Tgt Ion:266 Resp: 223
 Ion Ratio Lower Upper
 266 100
 264 63.2 48.5 72.7
 268 66.8 53.7 80.5





#12

Phenanthrene

Concen: 0.375 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

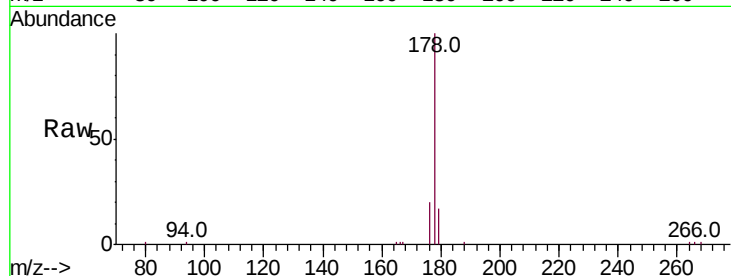
Tot Ion:178 Resp: 7628

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

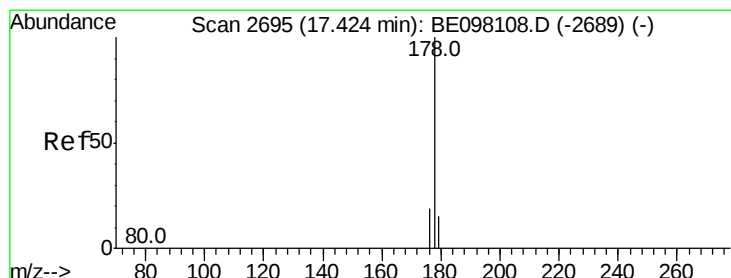
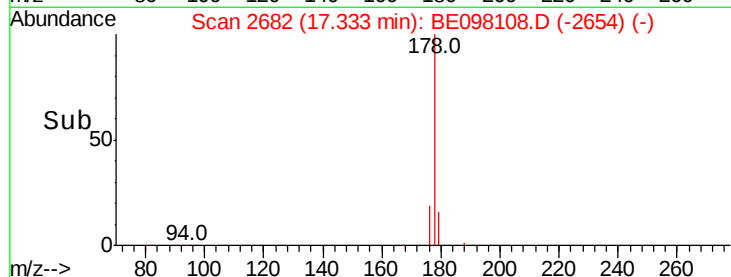
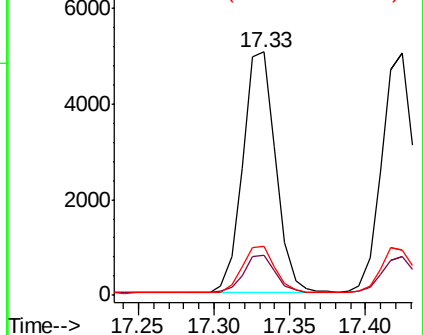
176 20.2 15.7 23.5



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: 0.373 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

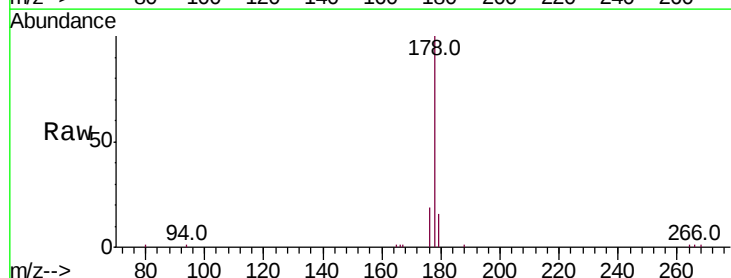
Tgt Ion:178 Resp: 7490

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

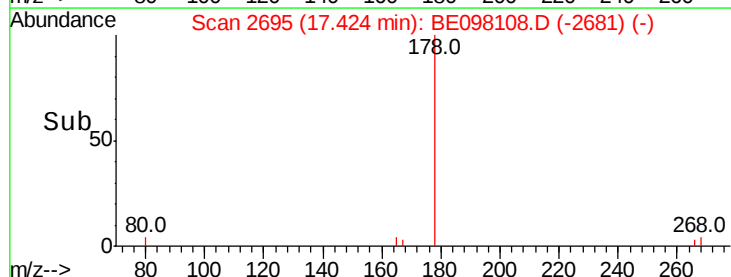
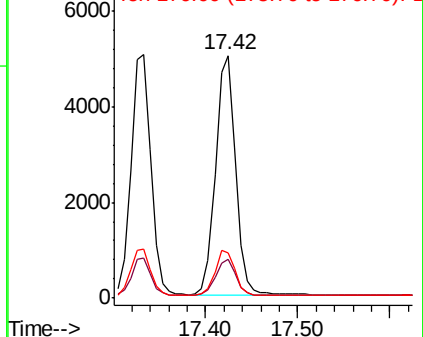
176 18.7 15.6 23.4

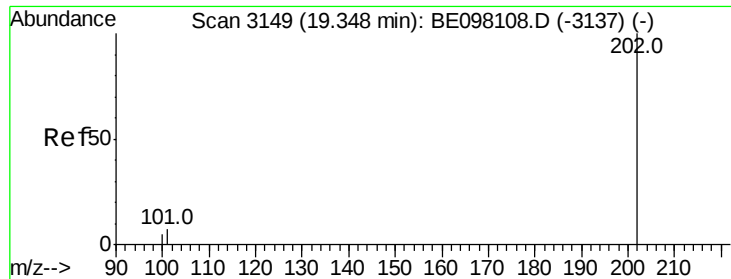


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

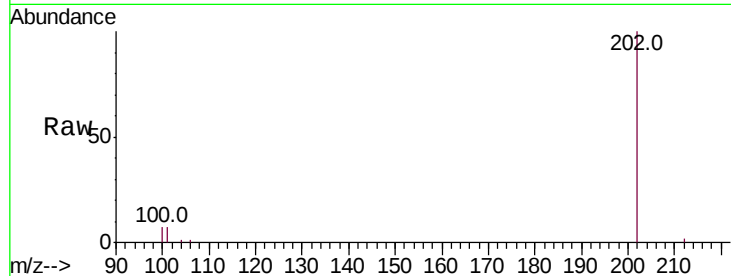




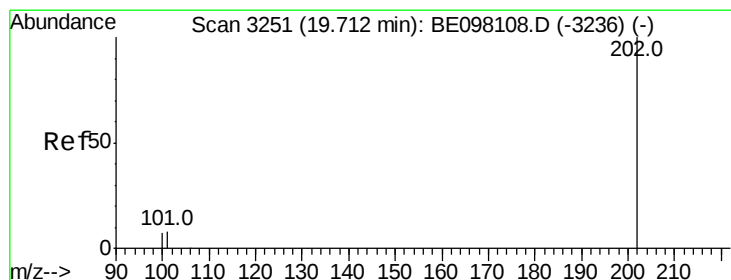
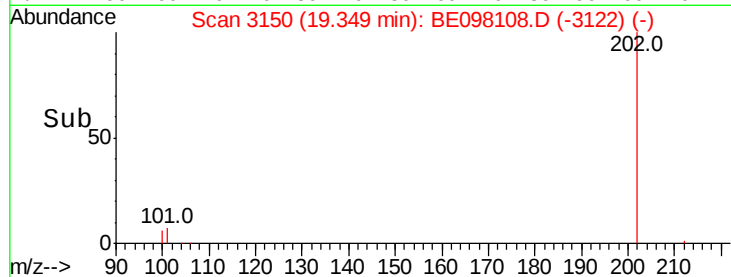
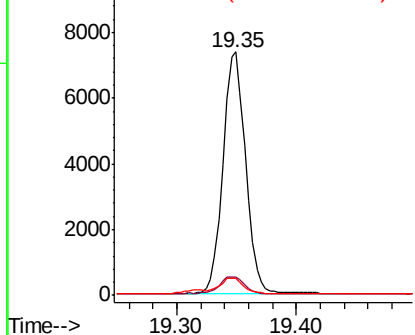
#15
Fluoranthene
Concen: 0.372 ng/ul
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098108.D
Acq: 30 Oct 2018 10:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 9641
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.5
100 6.8 0.0 26.0

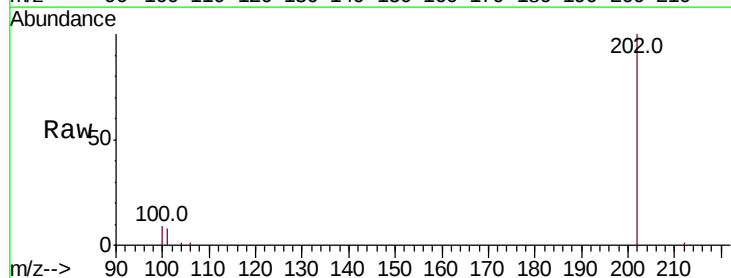


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

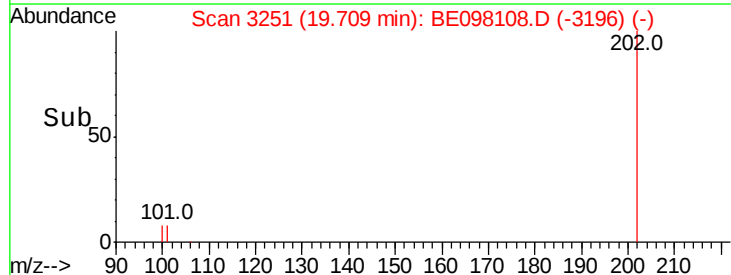
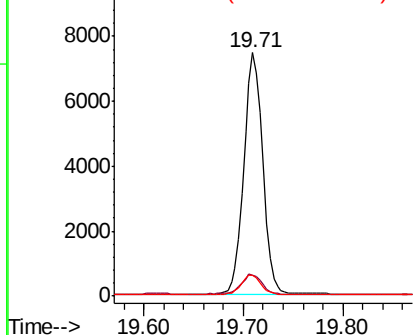


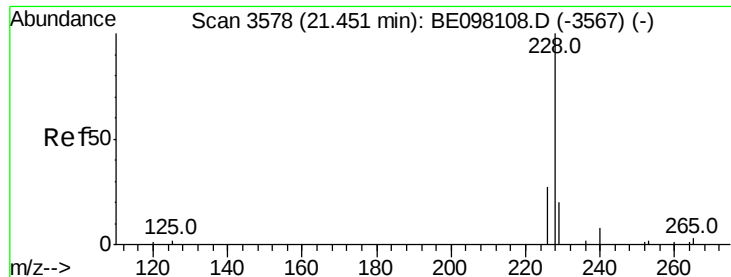
#17
Pyrene
Concen: 0.317 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE098108.D
Acq: 30 Oct 2018 10:57

Tgt Ion:202 Resp: 9793
Ion Ratio Lower Upper
202 100
101 8.4 6.9 10.3
100 8.6 6.0 9.0



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: 0.326 ng/ul

RT: 21.45 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampled :

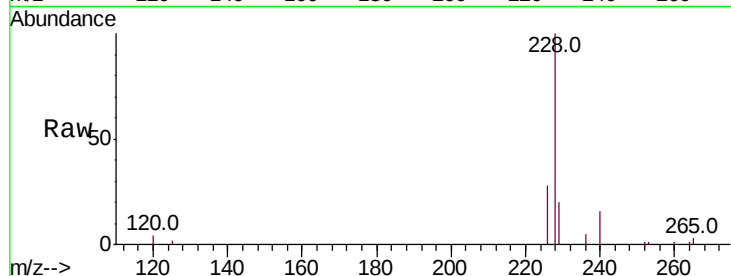
Tot Ion:228 Resp: 12702

Ion Ratio Lower Upper

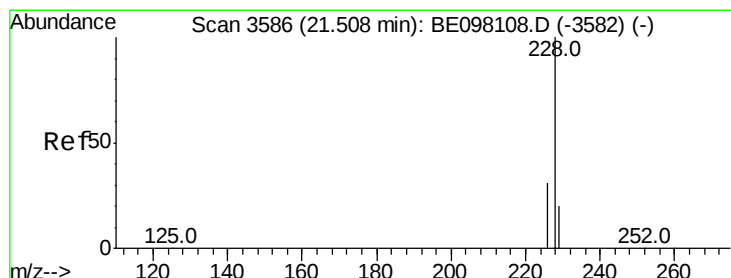
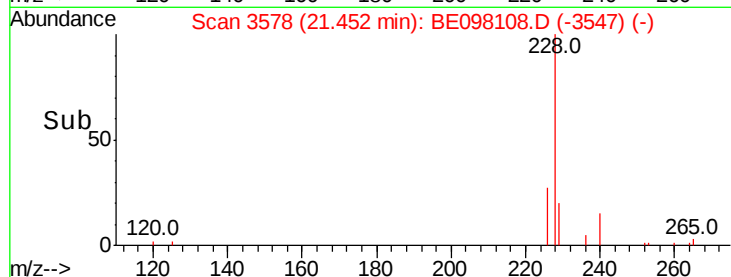
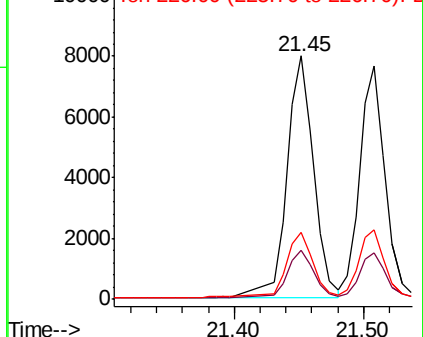
228 100

229 20.2 16.1 24.1

226 27.7 22.2 33.4



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: 0.348 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

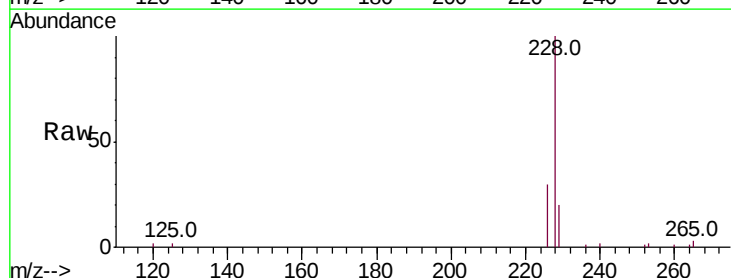
Tgt Ion:228 Resp: 10476

Ion Ratio Lower Upper

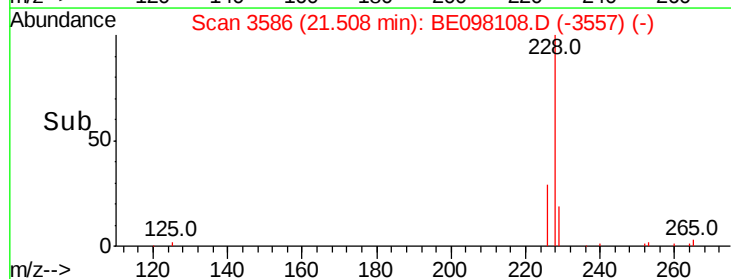
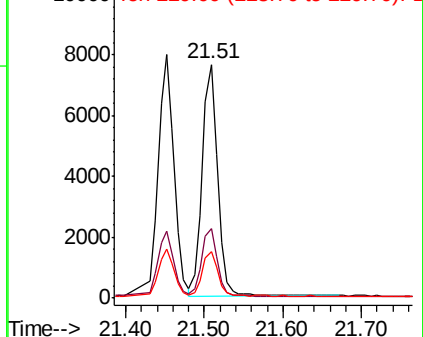
228 100

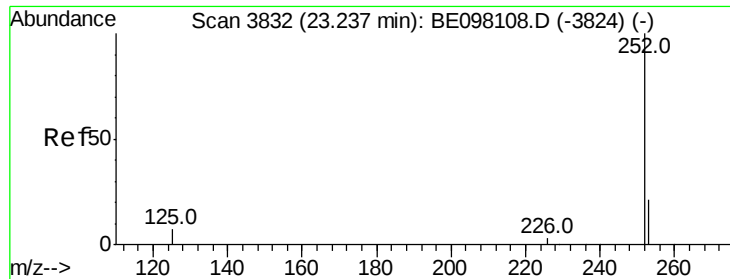
226 29.6 24.6 37.0

229 19.9 16.4 24.6



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: 0.340 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

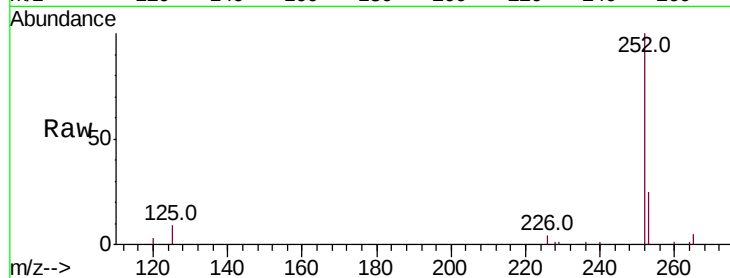
Tot Ion:252 Resp: 10375

Ion Ratio Lower Upper

252 100

253 25.2 0.0 47.8

125 9.3 0.0 16.8

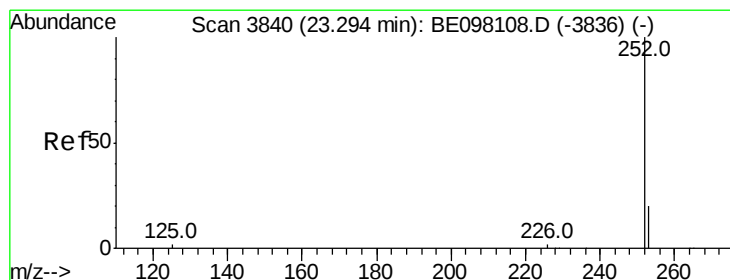
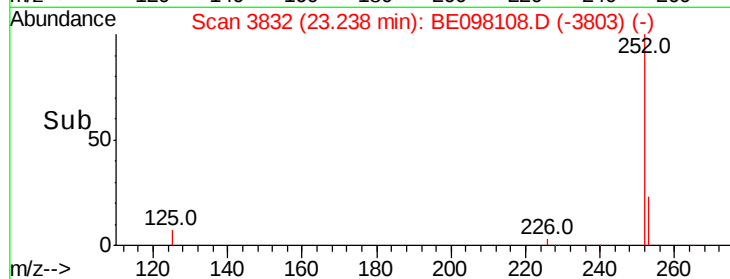
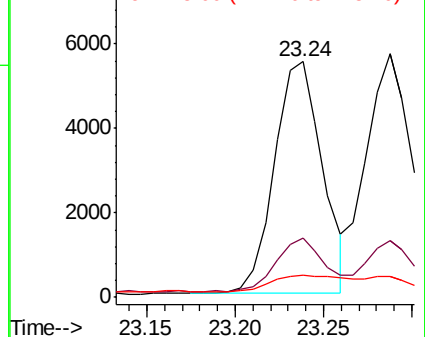


Abundance

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: 0.355 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. -0.01 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

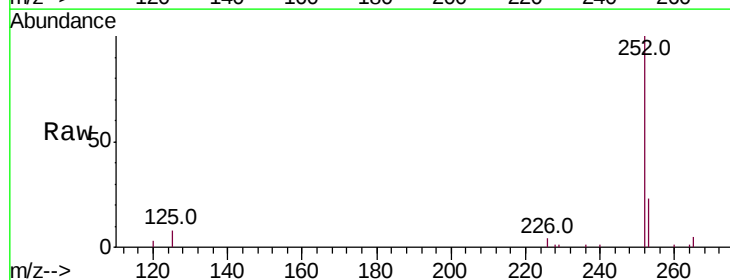
Tgt Ion:252 Resp: 10598

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

125 8.5 6.2 9.2

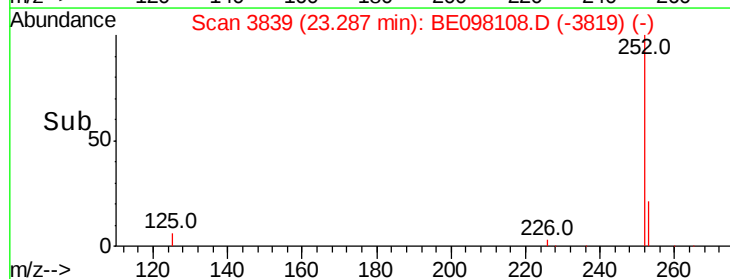
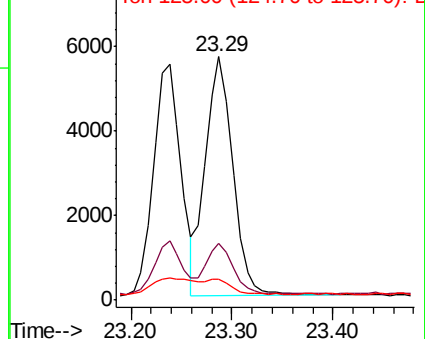


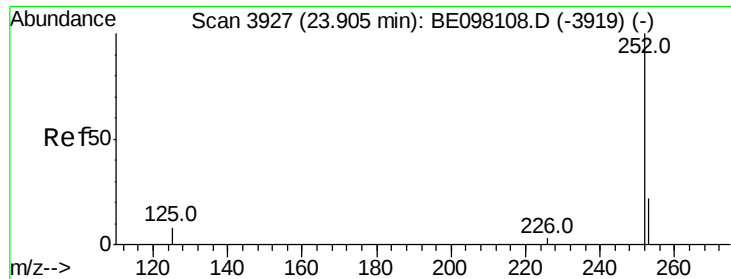
Abundance

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: 0.348 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

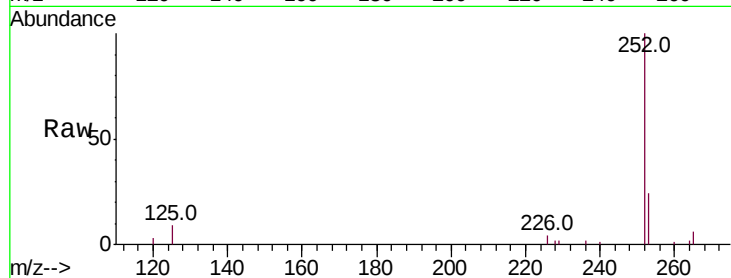
Tot Ion:252 Resp: 10198

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

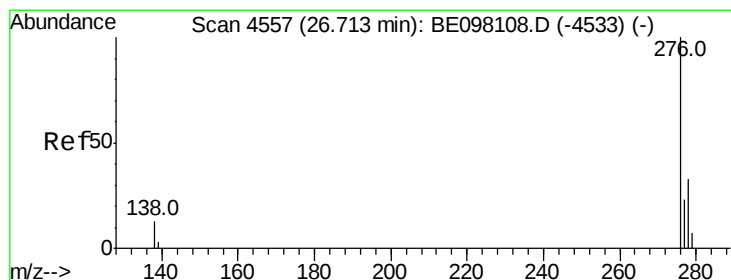
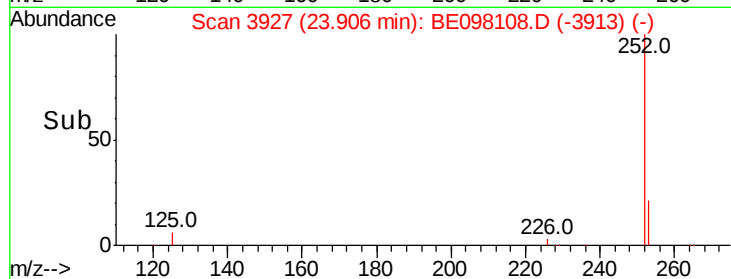
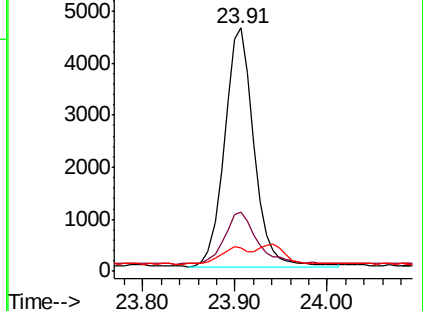
125 9.4 7.8 11.8



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: 0.345 ng/ul

RT: 26.71 min Scan# 4557

Delta R.T. -0.00 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

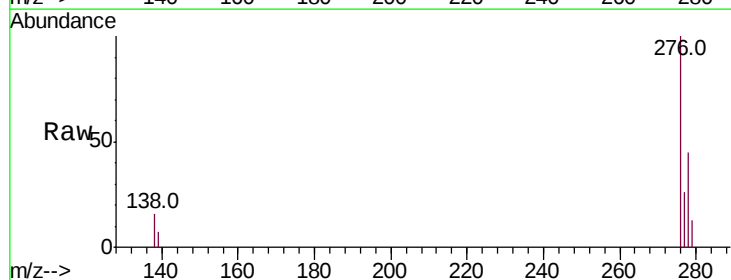
Tgt Ion:276 Resp: 11606

Ion Ratio Lower Upper

276 100

138 16.3 11.8 17.8

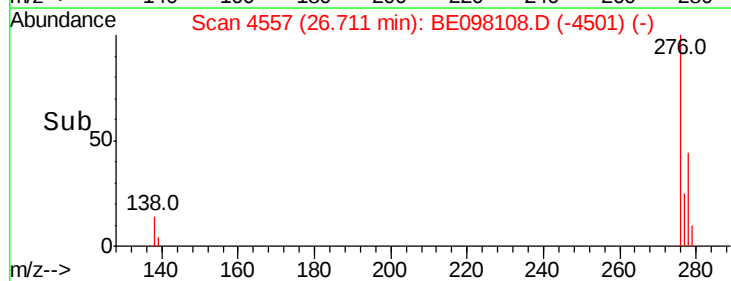
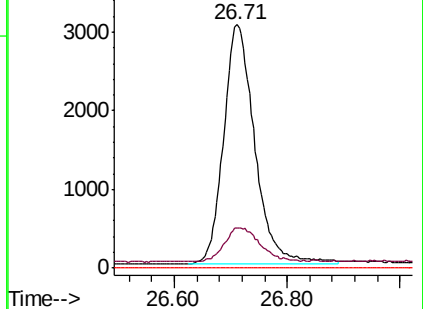
227 0.0 0.0 0.0

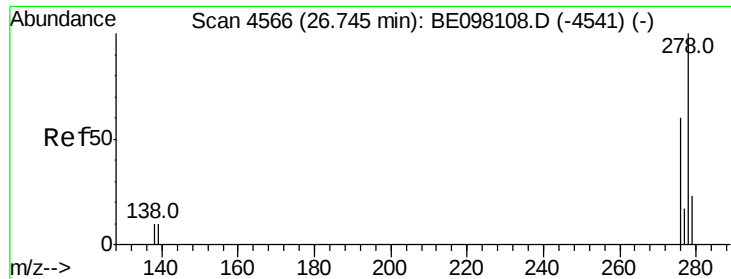


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.341 ng/ul

RT: 26.74 min Scan# 4564

Delta R.T. -0.01 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

Instrument :

BNA_E

ClientSampleId :

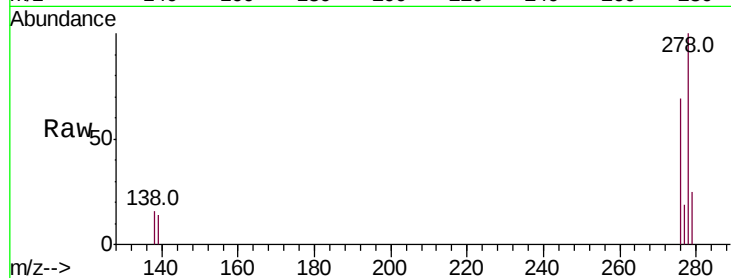
Tot Ion:278 Resp: 9557

Ion Ratio Lower Upper

278 100

139 13.6 10.0 15.0

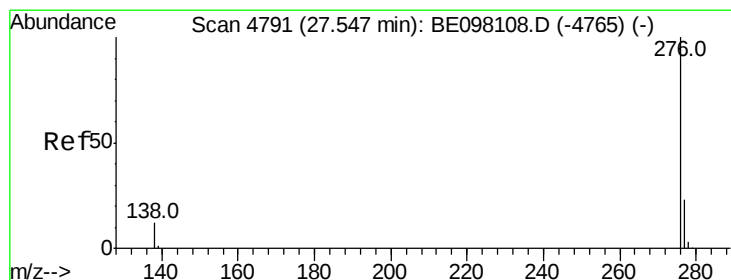
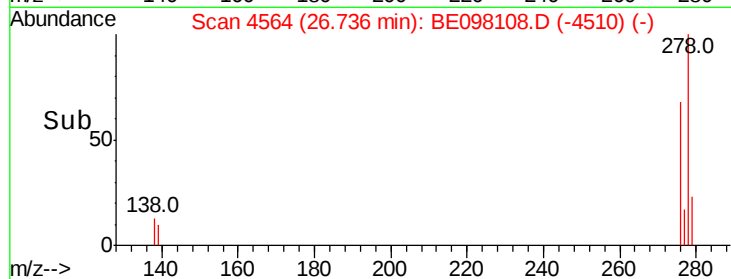
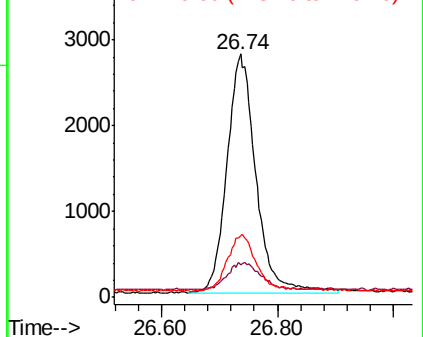
279 25.3 20.3 30.5



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: 0.345 ng/ul

RT: 27.54 min Scan# 4789

Delta R.T. -0.01 min

Lab File: BE098108.D

Acq: 30 Oct 2018 10:57

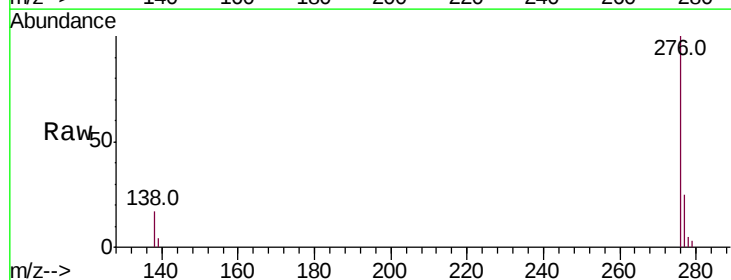
Tgt Ion:276 Resp: 9748

Ion Ratio Lower Upper

276 100

138 16.5 11.6 17.4

277 24.8 20.8 31.2



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

