

Data File : BE098099.D
Acq On : 26 Oct 2018 21:35
Operator : SJ/JU
Sample : J5598-16DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE6DL

Quant Time: Oct 27 00:37:31 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 : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5439	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3836	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9219	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12835	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10577	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	377	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1115	0.04	ng/ul	0.00

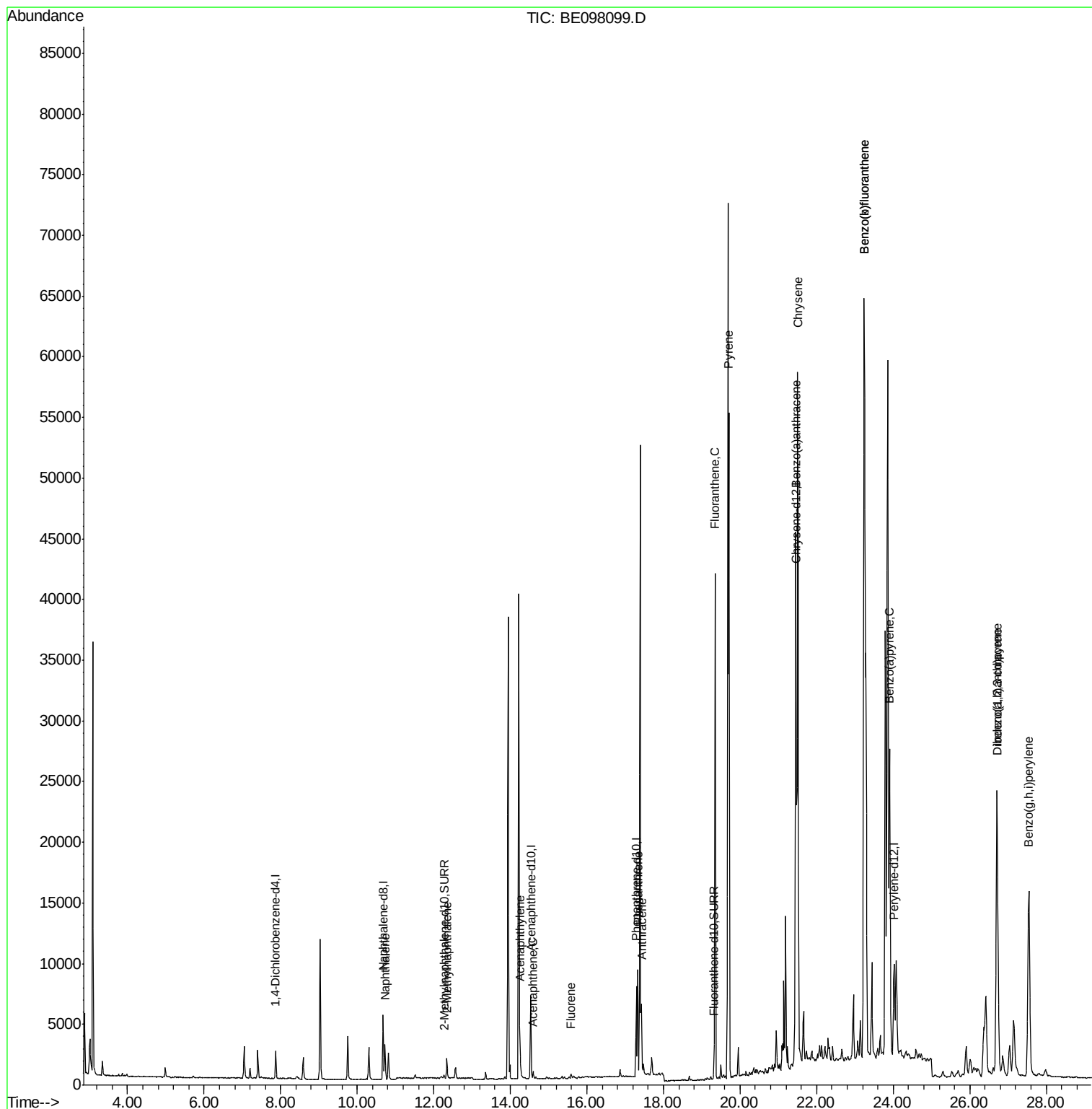
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.72	128	4201	0.323	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	1384	0.141	ng/ul	98
7) Acenaphthylene	14.25	152	3553	0.235	ng/ul	97
8) Acenaphthene	14.60	153	351	0.031	ng/ul	94
9) Fluorene	15.59	166	290	0.021	ng/ul#	90
12) Phenanthrene	17.33	178	9494	0.446	ng/ul	99
13) Anthracene	17.42	178	7491	0.356	ng/ul	99
15) Fluoranthene	19.35	202	48240	1.778	ng/ul	99
17) Pyrene	19.71	202	61148	2.040	ng/ul	99
18) Benzo(a)anthracene	21.45	228	45276	1.200	ng/ul	98
19) Chrysene	21.51	228	63300	2.168	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	163557	5.581	ng/ul	97
22) Benzo(k)fluoranthene	23.24	252	163557	5.702	ng/ul	98
23) Benzo(a)pyrene	23.91	252	37707	1.338	ng/ul#	97
24) Indeno(1,2,3-cd)pyrene	26.71	276	47333	1.466	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.72	278	11764	0.437	ng/ul	96
26) Benzo(g,h,i)perylene	27.54	276	40209	1.479	ng/ul	97

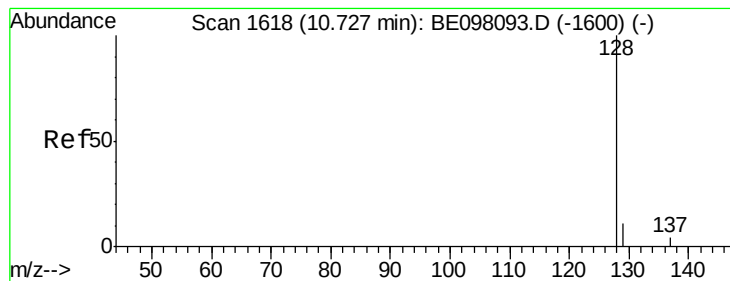
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.323 ng/ul

RT: 10.72 min Scan# 1616

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

C0AE6DL

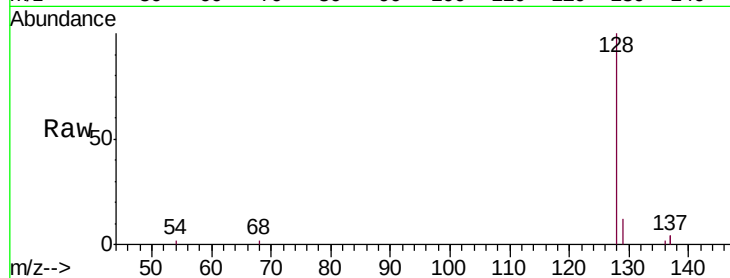
Tgt Ion:128 Resp: 4201

Ion Ratio Lower Upper

128 100

129 12.3 10.5 15.7

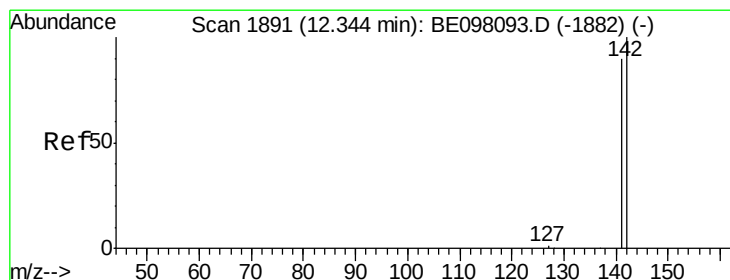
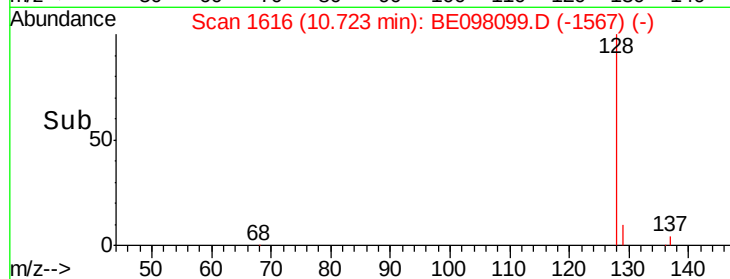
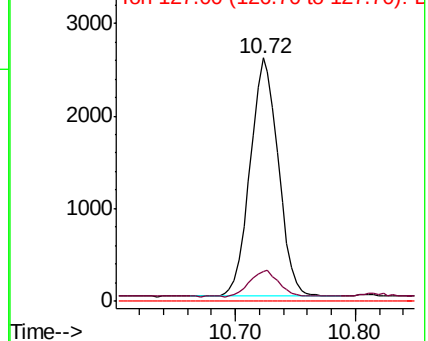
127 0.0 0.0 0.0



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: 0.141 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BE098099.D

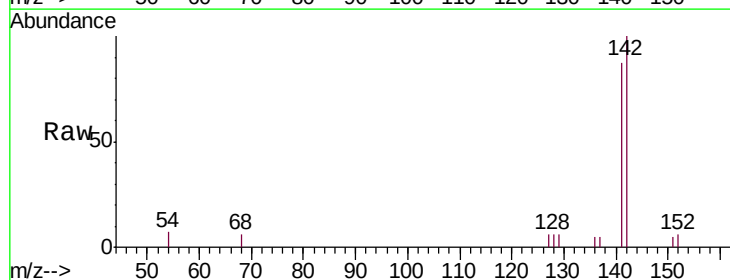
Acq: 26 Oct 2018 21:35

Tgt Ion:142 Resp: 1384

Ion Ratio Lower Upper

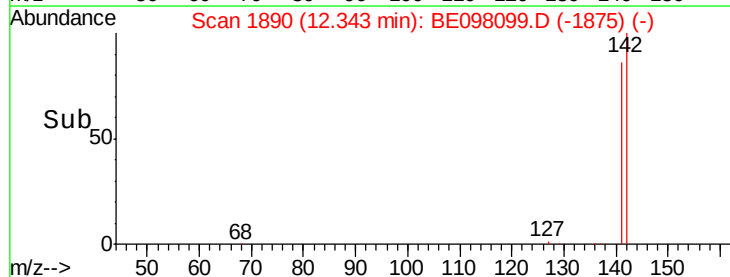
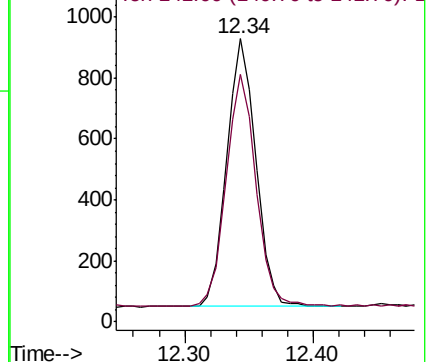
142 100

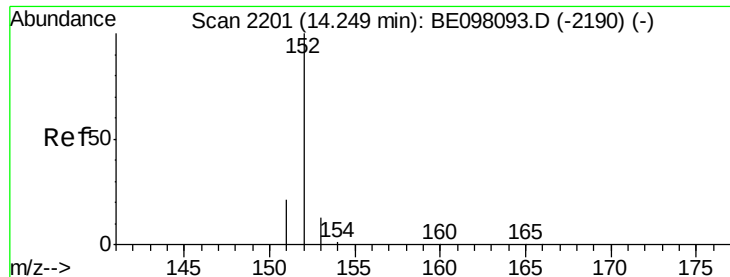
141 89.2 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.235 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

Instrument :

BNA_E

ClientSampleId :

C0AE6DL

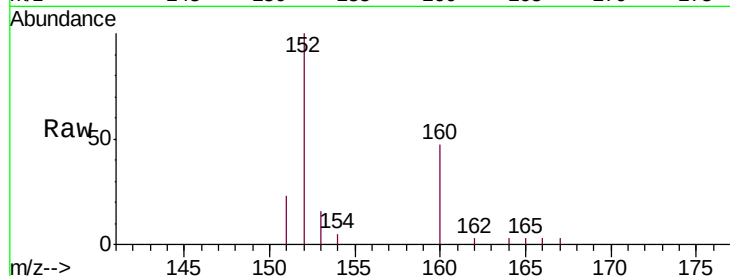
Tgt Ion:152 Resp: 3553

Ion Ratio Lower Upper

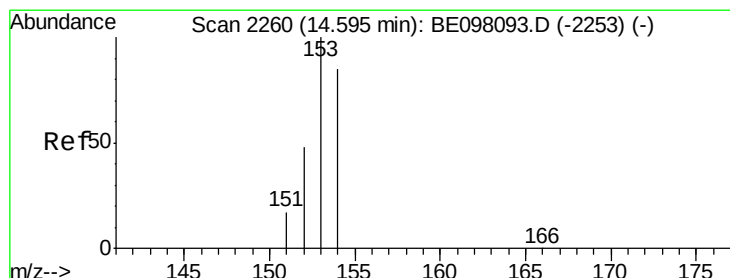
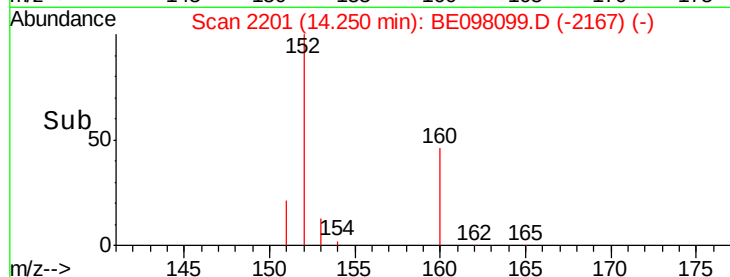
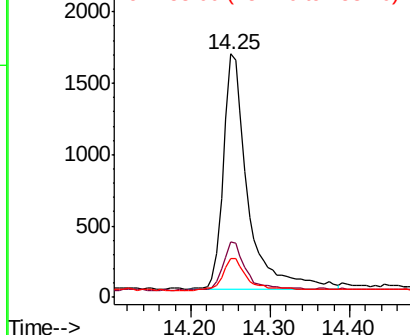
152 100

151 23.0 17.3 25.9

153 15.9 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: 0.031 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

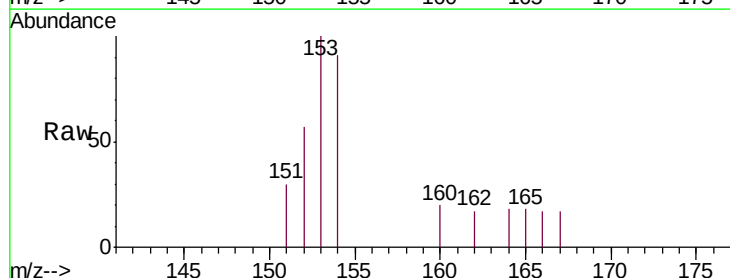
Tgt Ion:153 Resp: 351

Ion Ratio Lower Upper

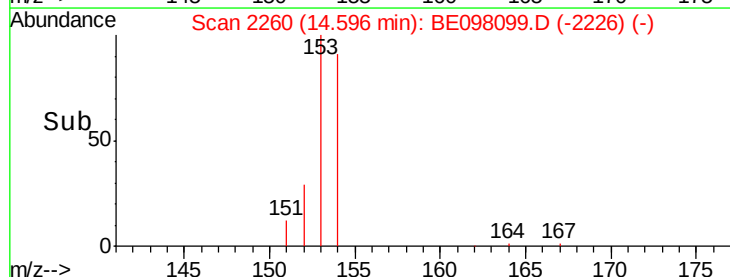
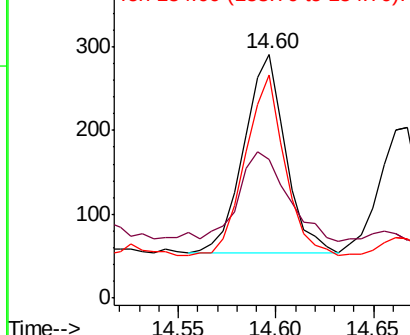
153 100

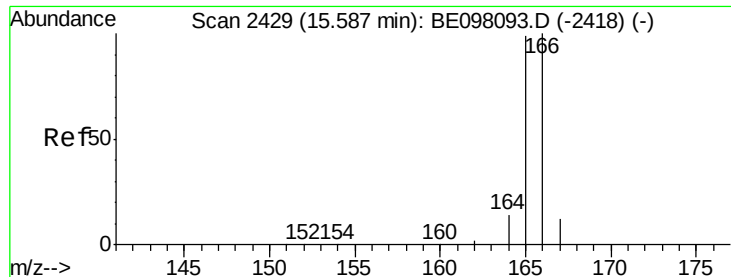
152 56.7 39.4 59.0

154 91.4 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: 0.021 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

Instrument :

BNA_E

ClientSampleId :

C0AE6DL

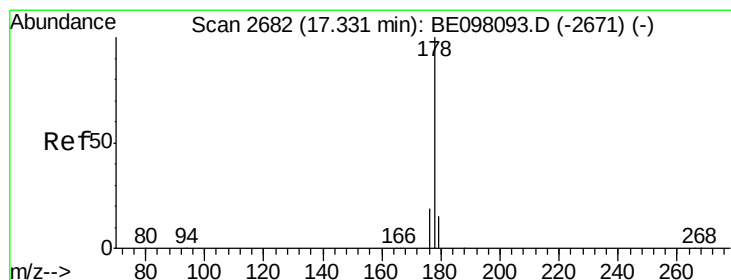
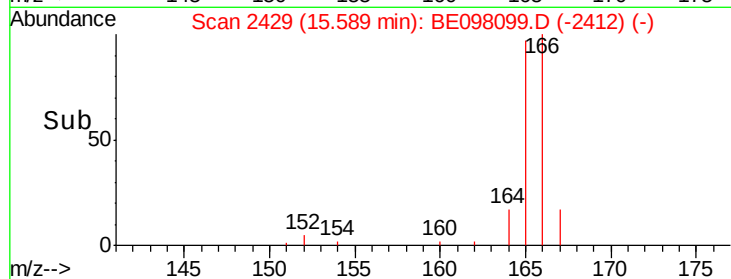
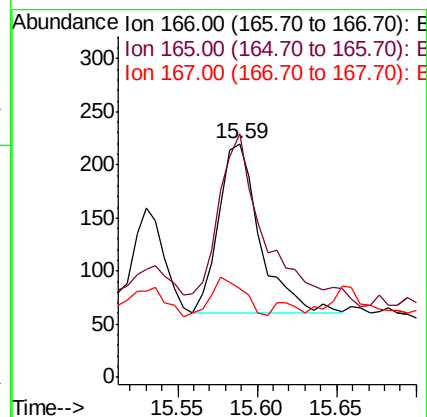
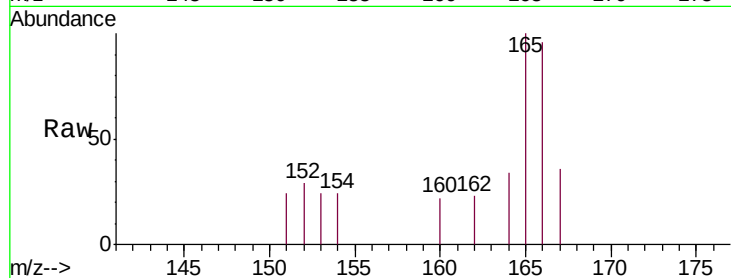
Tgt Ion:166 Resp: 290

Ion Ratio Lower Upper

166 100

165 104.1 80.2 120.4

167 37.7 12.0 18.0#



#12

Phenanthrene

Concen: 0.446 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

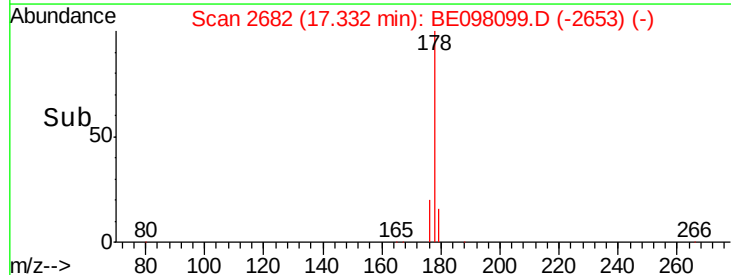
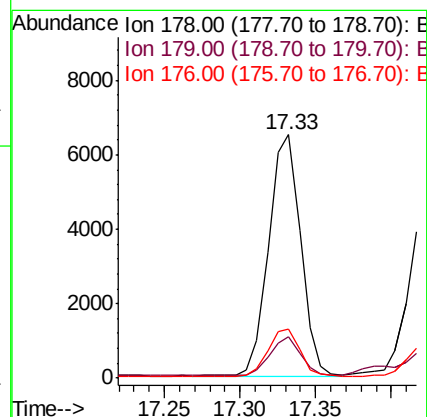
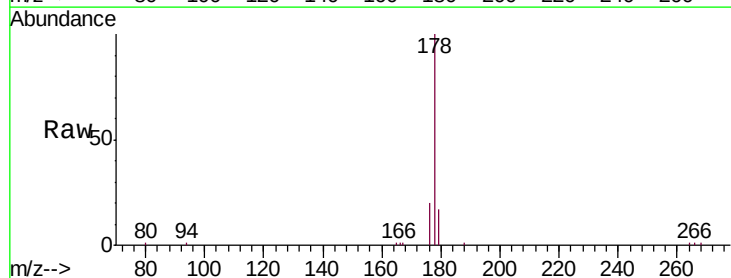
Tgt Ion:178 Resp: 9494

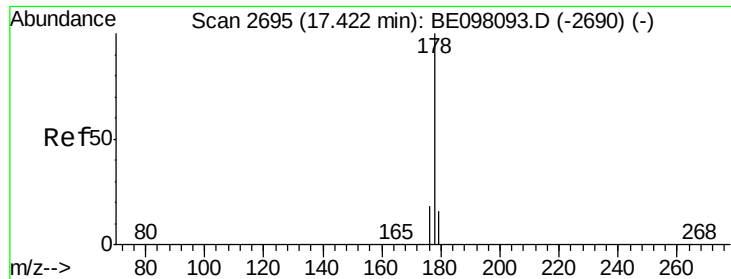
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

176 20.2 15.7 23.5





#13

Anthracene

Concen: 0.356 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

Instrument :

BNA_E

ClientSampleId :

C0AE6DL

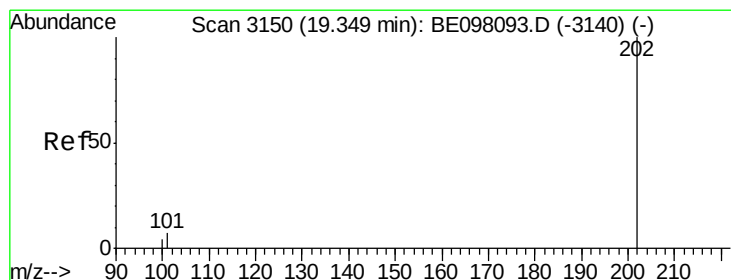
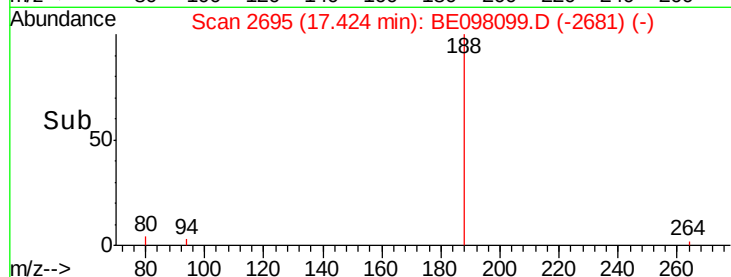
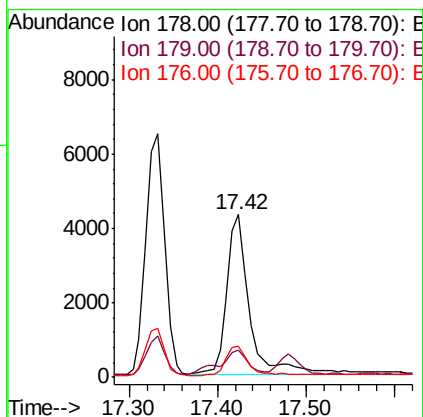
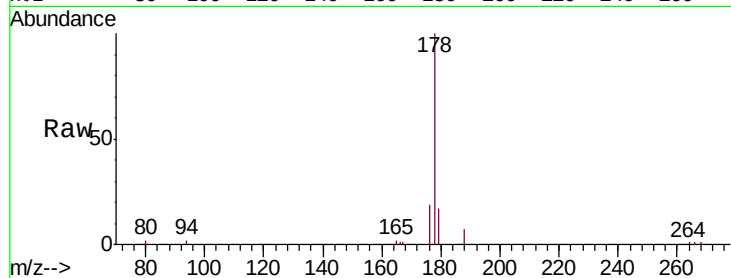
Tgt Ion:178 Resp: 7491

Ion Ratio Lower Upper

178 100

179 16.6 12.6 19.0

176 19.0 15.6 23.4



#15

Fluoranthene

Concen: 1.778 ng/ul

RT: 19.35 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

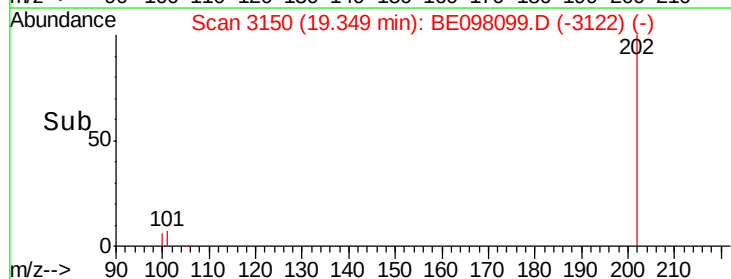
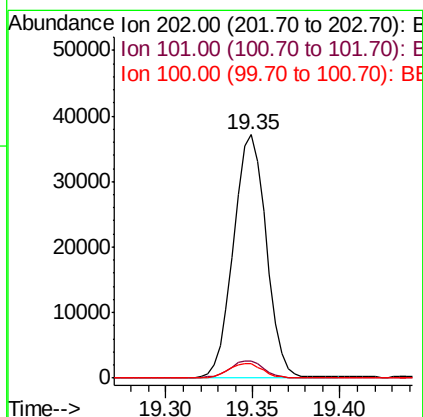
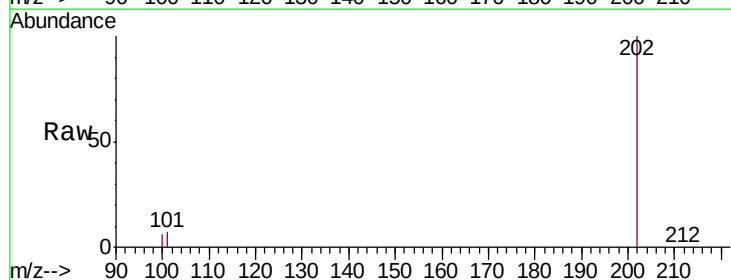
Tgt Ion:202 Resp: 48240

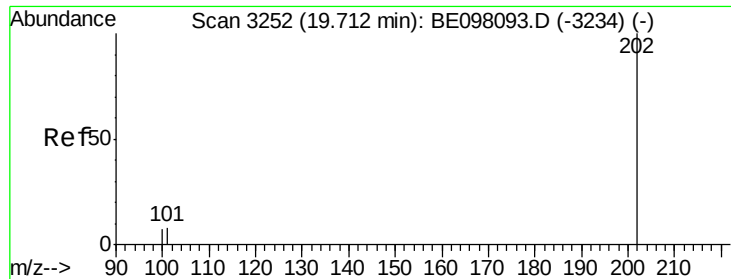
Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.5

100 5.9 0.0 26.0

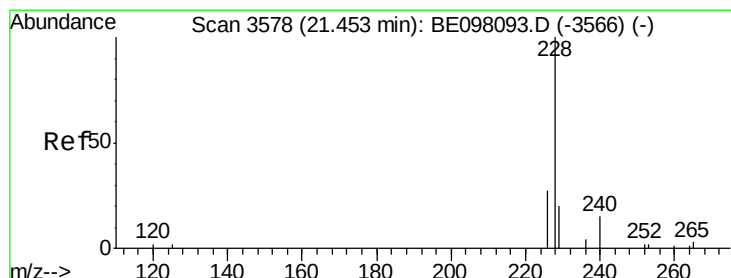
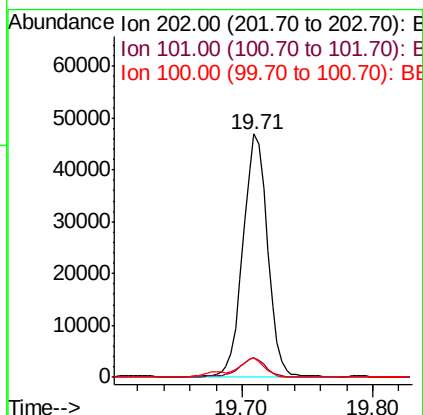
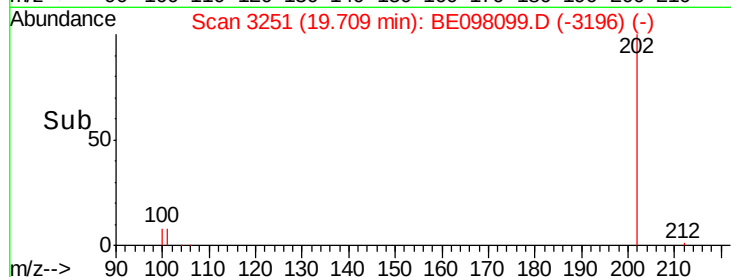
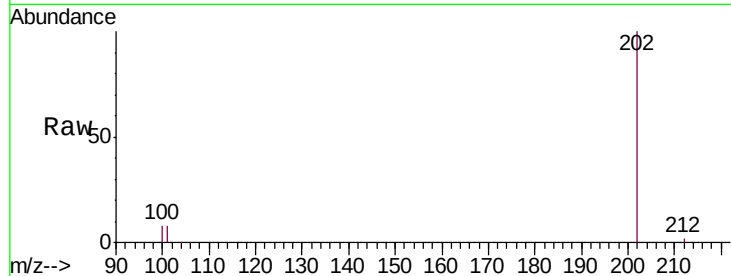




#17
Pyrene
Concen: 2.040 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

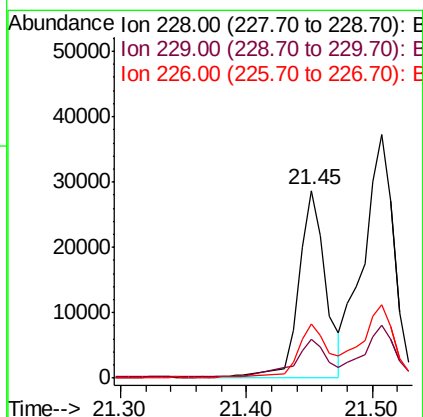
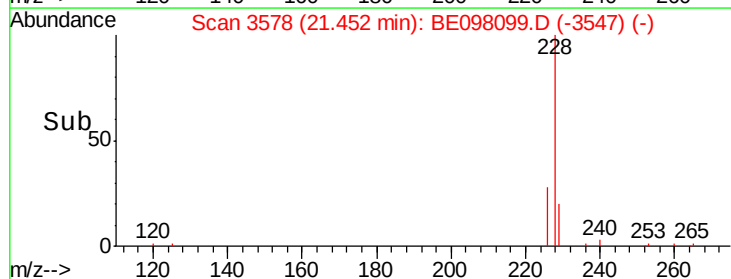
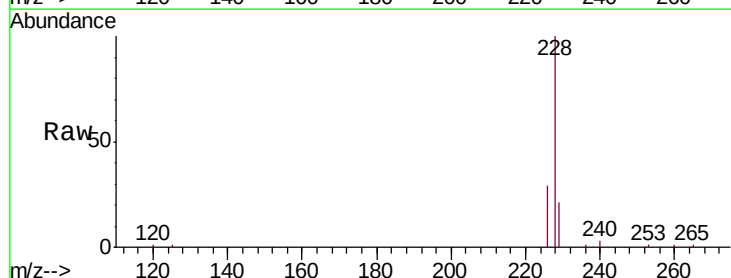
Instrument :
BNA_E
ClientSampleId :
C0AE6DL

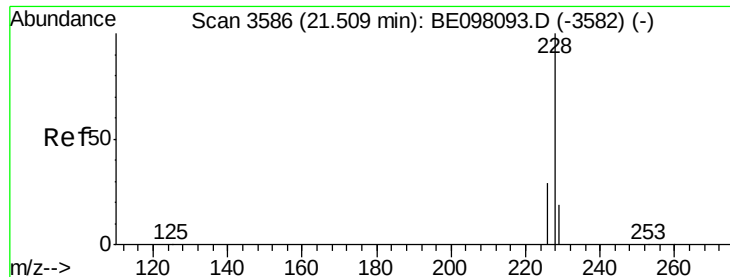
Tgt Ion:202 Resp: 61148
Ion Ratio Lower Upper
202 100
101 8.2 6.9 10.3
100 7.8 6.0 9.0



#18
Benzo(a)anthracene
Concen: 1.200 ng/ul
RT: 21.45 min Scan# 3578
Delta R.T. -0.00 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

Tgt Ion:228 Resp: 45276
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.7 22.2 33.4





#19

Chrysene

Concen: 2.168 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

Instrument :

BNA_E

ClientSampleId :

C0AE6DL

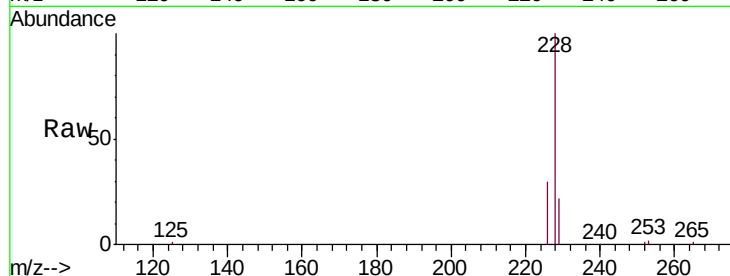
Tgt Ion:228 Resp: 63300

Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

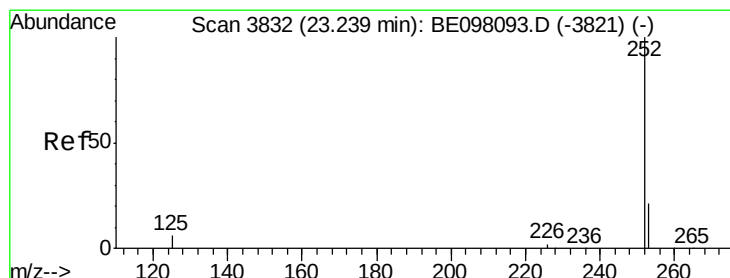
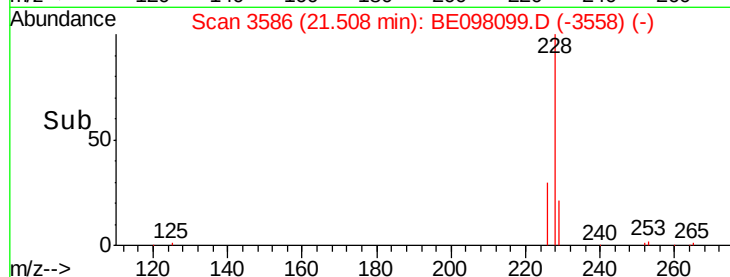
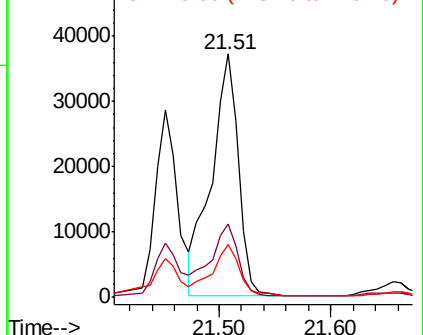
229 21.6 16.4 24.6



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: 5.581 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE098099.D

Acq: 26 Oct 2018 21:35

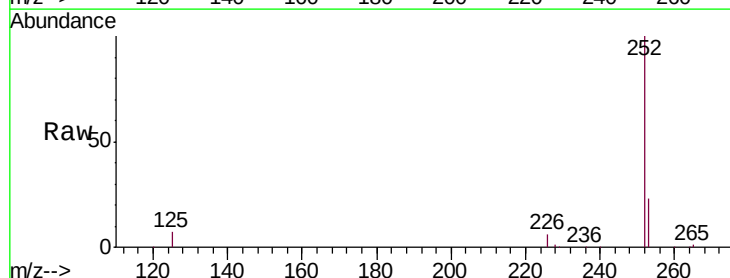
Tgt Ion:252 Resp: 163557

Ion Ratio Lower Upper

252 100

253 22.9 0.0 47.8

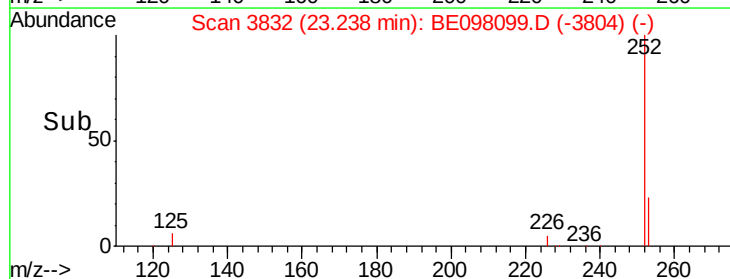
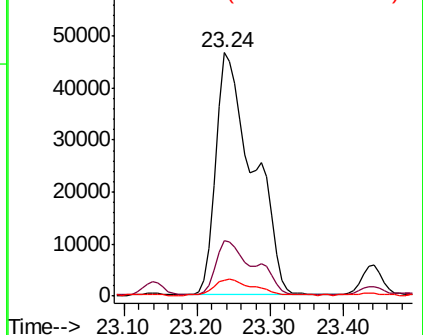
125 6.7 0.0 16.8

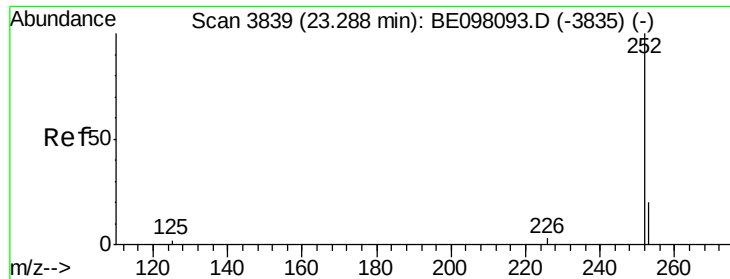


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

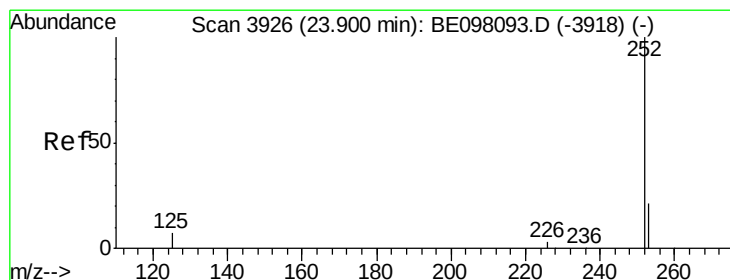
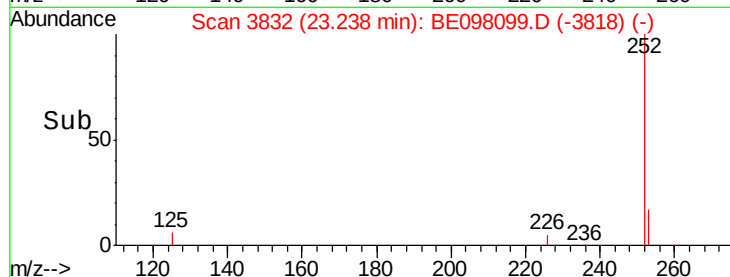
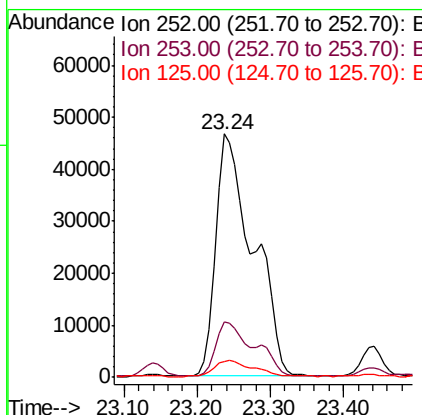
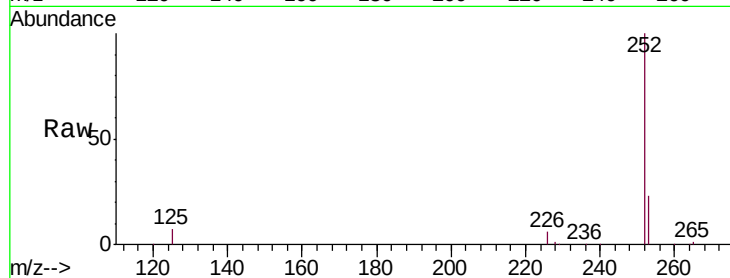




#22
Benzo(k)fluoranthene
Concen: 5.702 ng/ul
RT: 23.24 min Scan# 3832
Delta R.T. -0.05 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

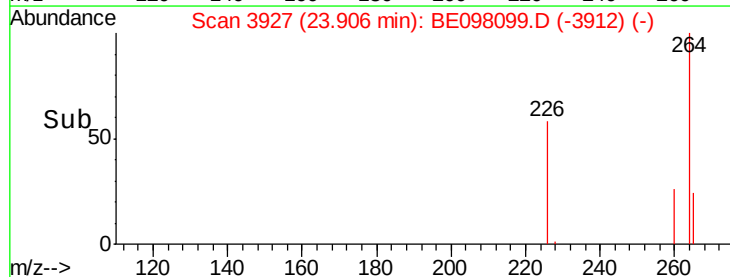
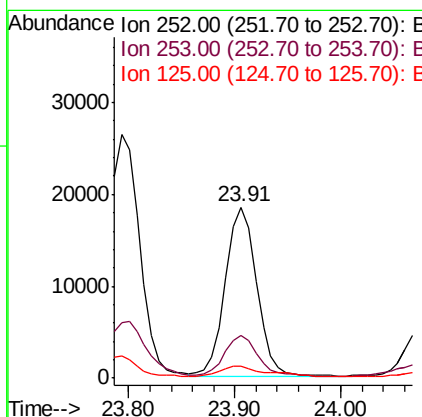
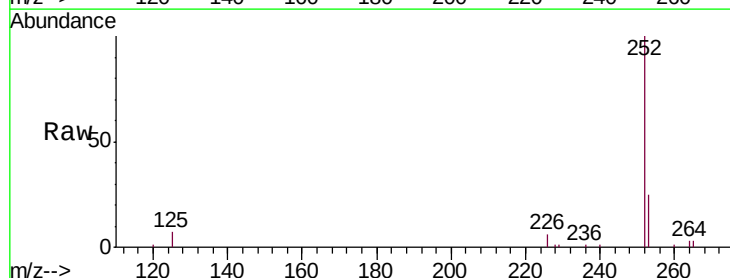
Instrument :
BNA_E
ClientSampleId :
C0AE6DL

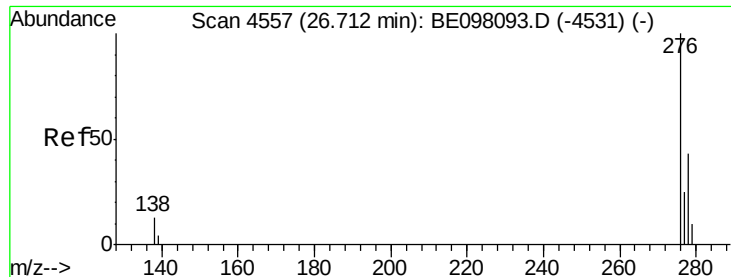
Tgt Ion:252 Resp: 163557
Ion Ratio Lower Upper
252 100
253 22.9 19.3 28.9
125 6.7 6.2 9.2



#23
Benzo(a)pyrene
Concen: 1.338 ng/ul
RT: 23.91 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

Tgt Ion:252 Resp: 37707
Ion Ratio Lower Upper
252 100
253 24.9 19.4 29.2
125 7.1 7.8 11.8#



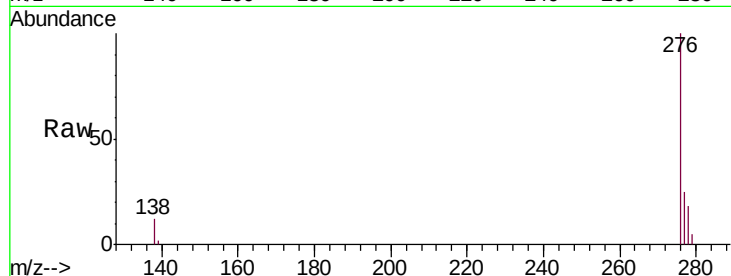


#24

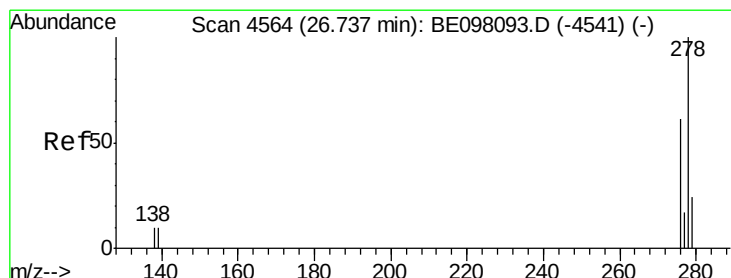
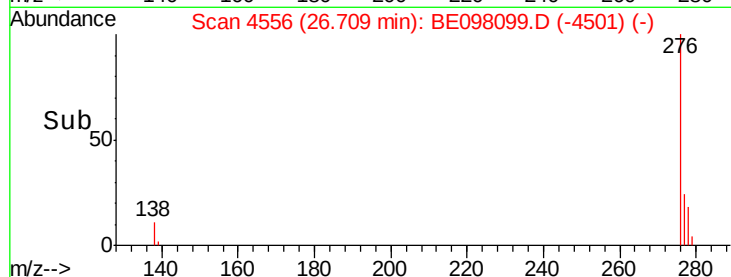
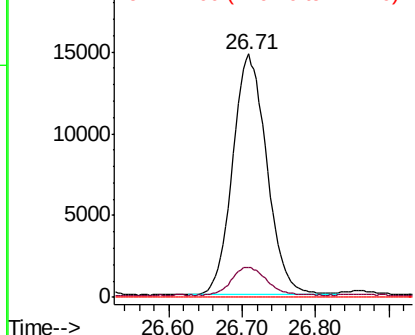
Indeno(1,2,3-cd)pyrene
Concen: 1.466 ng/ul
RT: 26.71 min Scan# 4556
Delta R.T. -0.00 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

Instrument :
BNA_E
ClientSampleId :
C0AE6DL

Tgt Ion:276 Resp: 47333
Ion Ratio Lower Upper
276 100
138 12.1 11.8 17.8
227 0.0 0.0 0.0



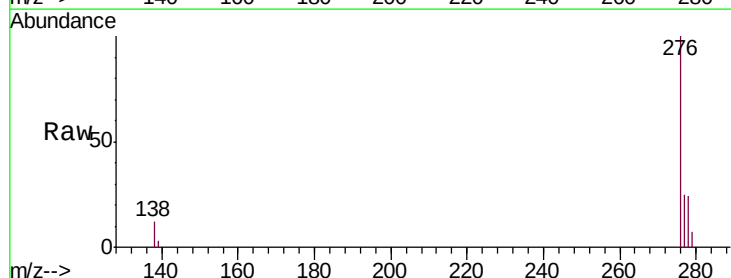
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



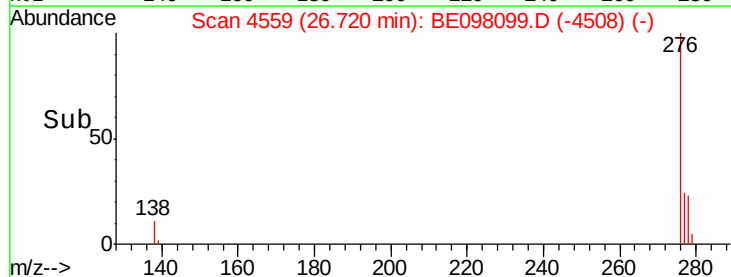
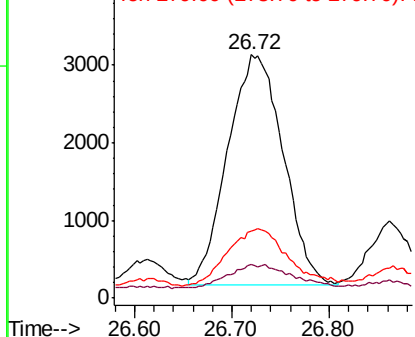
#25

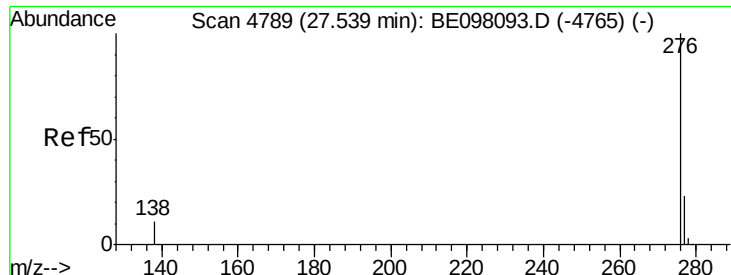
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.72 min Scan# 4559
Delta R.T. -0.02 min
Lab File: BE098099.D
Acq: 26 Oct 2018 21:35

Tgt Ion:278 Resp: 11764
Ion Ratio Lower Upper
278 100
139 13.6 10.0 15.0
279 27.7 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: 1.479 ng/ul

RT: 27.54 min Scan# 4790

Delta R.T. 0.00 min

Lab File: BE098099.D

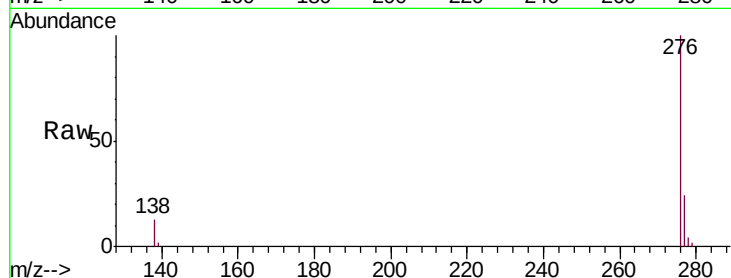
Acq: 26 Oct 2018 21:35

Instrument :

BNA_E

ClientSampleId :

C0AE6DL



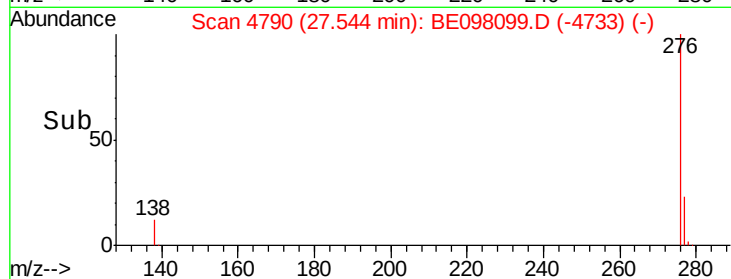
Tgt Ion: 276 Resp: 40209

Ion Ratio Lower Upper

276 100

138 13.0 11.6 17.4

277 24.3 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

