

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103118\
 Data File : BE098115.D
 Acq On : 31 Oct 2018 14:15
 Operator : SJ/JU
 Sample : J5657-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40D2

Quant Time: Nov 01 01:44:51 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 : Thu Nov 01 01:42:08 2018
 Response via : Initial Calibration

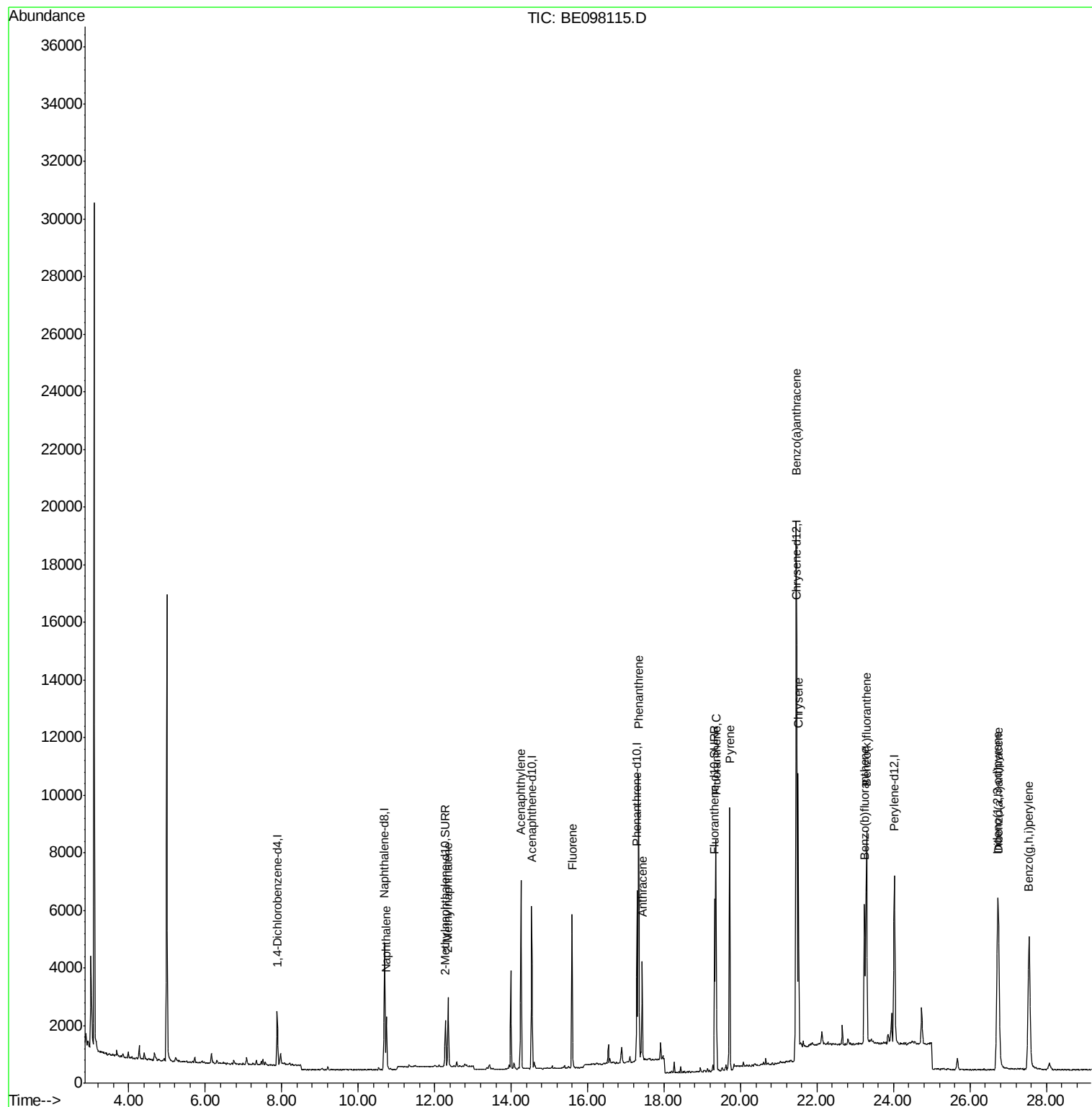
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	4823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	3304	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	7626	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	10441	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	8691	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2030	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	6905	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2741	0.237	ng/ul	96
5) 2-Methylnaphthalene	12.36	142	2042	0.234	ng/ul	100
7) Acenaphthylene	14.25	152	7549	0.579	ng/ul	98
9) Fluorene	15.59	166	3464	0.296	ng/ul	95
12) Phenanthrene	17.33	178	10875	0.618	ng/ul	99
13) Anthracene	17.42	178	3881	0.223	ng/ul	97
15) Fluoranthene	19.35	202	9477	0.422	ng/ul	96
17) Pyrene	19.71	202	12222	0.501	ng/ul	98
18) Benzo(a)anthracene	21.45	228	19116	0.623	ng/ul	99
19) Chrysene	21.51	228	9017	0.380	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	7227	0.300	ng/ul	91
22) Benzo(k)fluoranthene	23.29	252	10812	0.459	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.72	276	9481	0.357	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.74	278	8876	0.401	ng/ul#	96
26) Benzo(g,h,i)perylene	27.54	276	12543	0.561	ng/ul	98

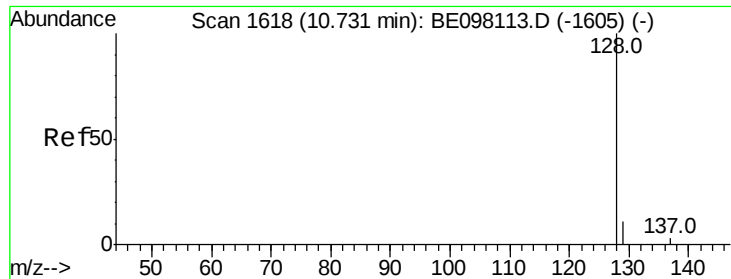
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.237 ng/ul

RT: 10.74 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

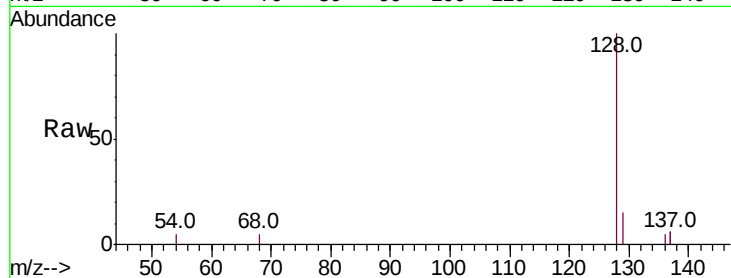
Tot Ion:128 Resp: 2741

Ion Ratio Lower Upper

128 100

129 14.8 10.5 15.7

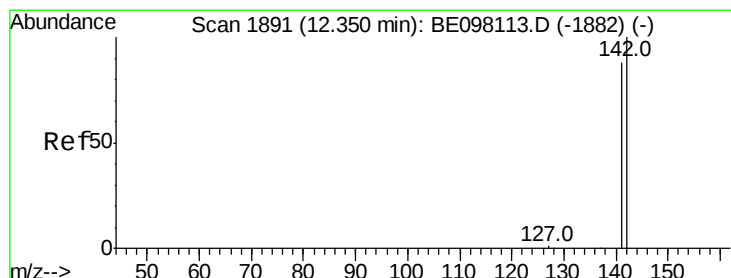
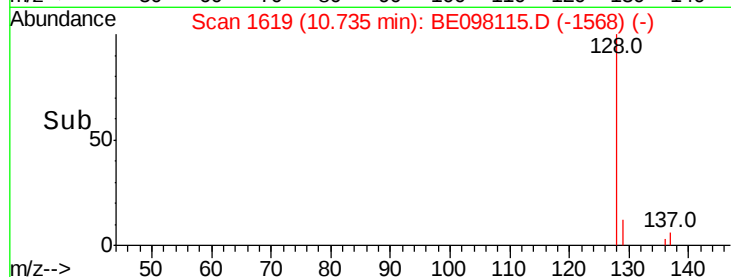
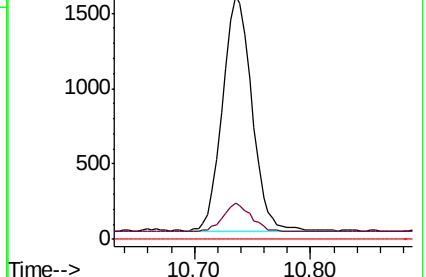
127 0.0 0.0 0.0



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: 0.234 ng/ul

RT: 12.36 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BE098115.D

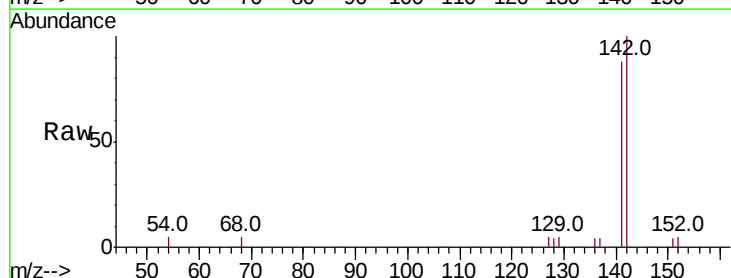
Acq: 31 Oct 2018 14:15

Tgt Ion:142 Resp: 2042

Ion Ratio Lower Upper

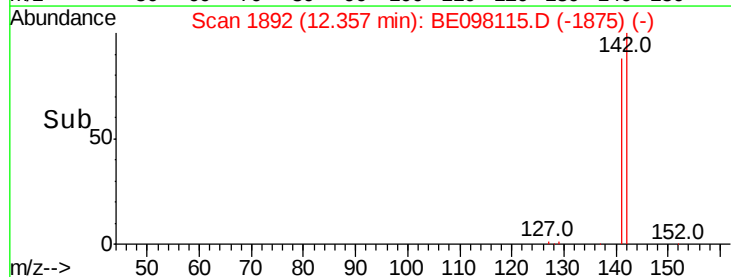
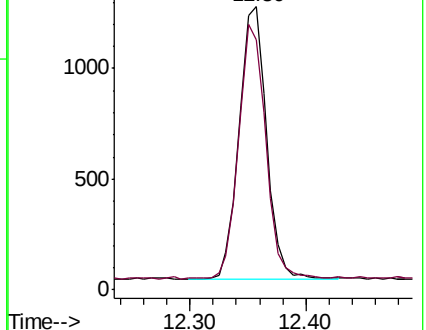
142 100

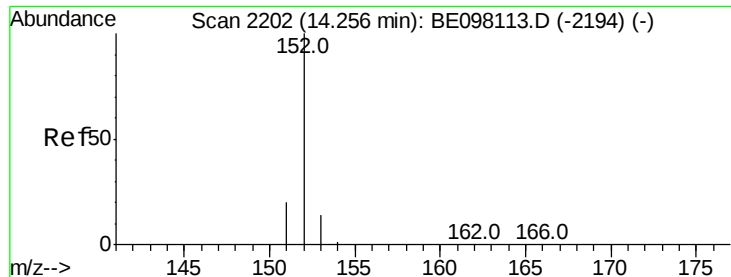
141 90.6 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.579 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

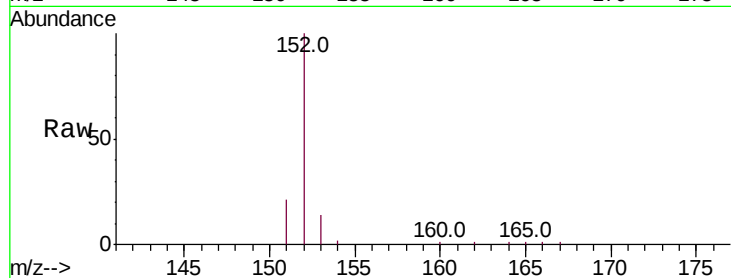
Tot Ion:152 Resp: 7549

Ion Ratio Lower Upper

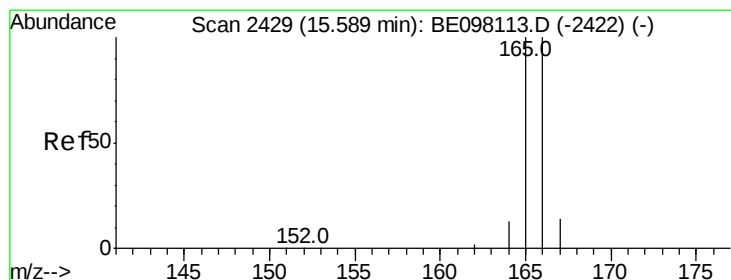
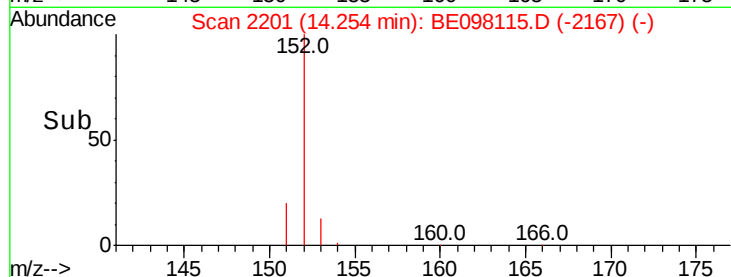
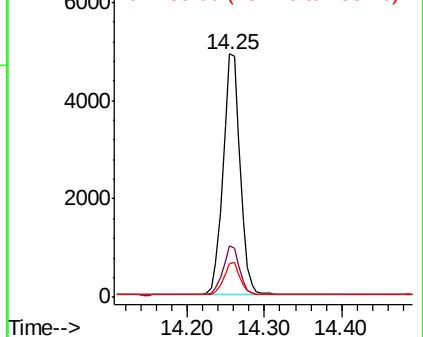
152 100

151 21.3 17.3 25.9

153 13.6 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



#9

Fluorene

Concen: 0.296 ng/ul

RT: 15.59 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

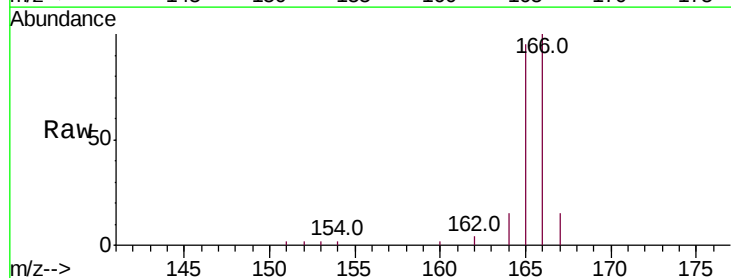
Tgt Ion:166 Resp: 3464

Ion Ratio Lower Upper

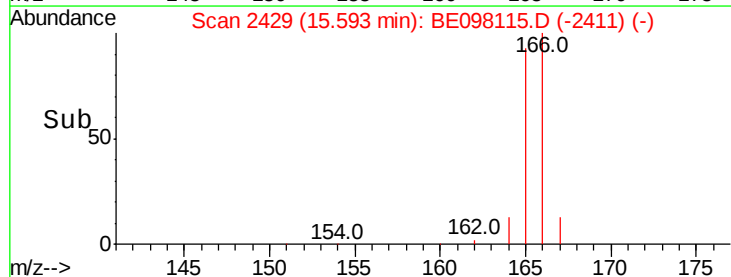
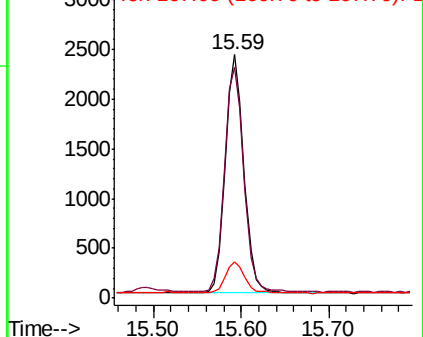
166 100

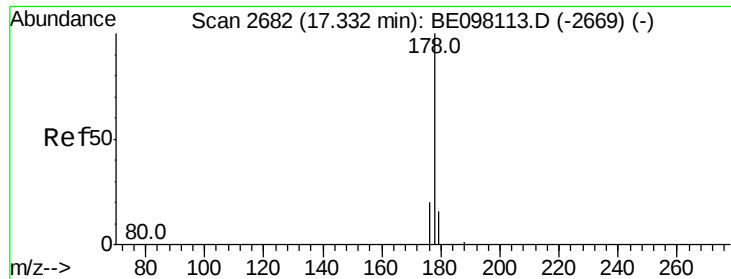
165 94.9 80.2 120.4

167 14.9 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.618 ng/ul

RT: 17.33 min Scan# 2681

Delta R.T. -0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

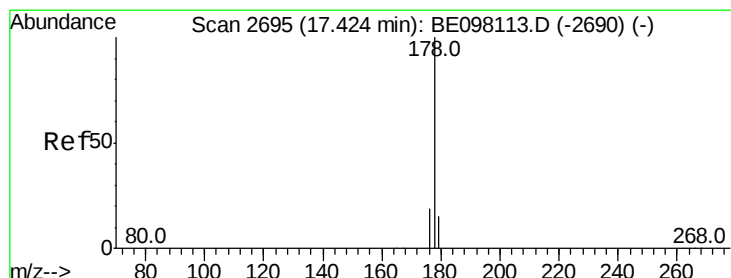
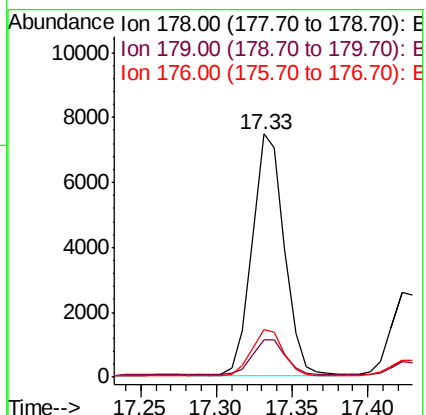
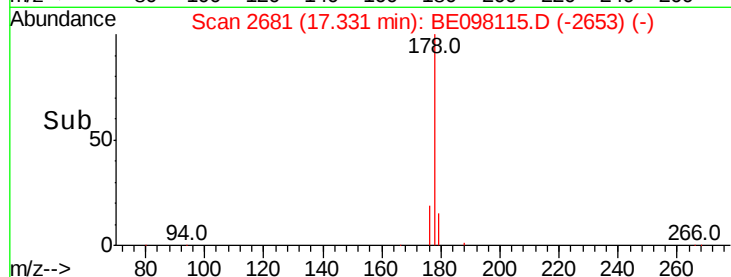
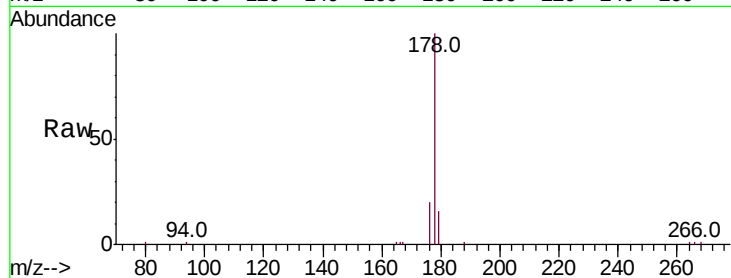
Tot Ion:178 Resp: 10875

Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.4

176 19.8 15.7 23.5



#13

Anthracene

Concen: 0.223 ng/ul

RT: 17.42 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

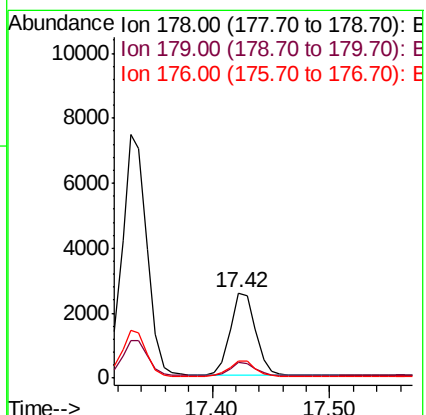
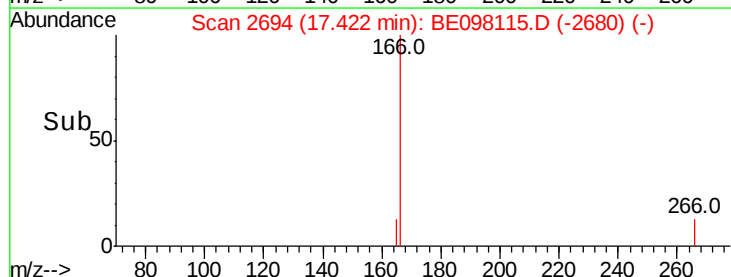
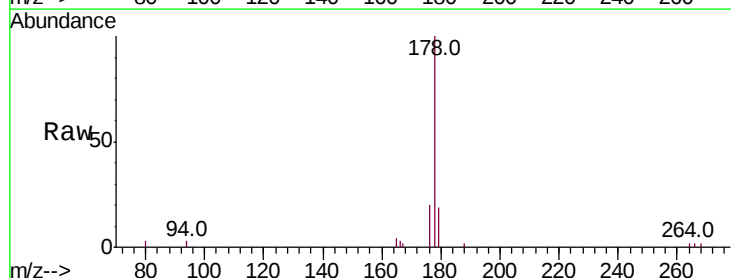
Tgt Ion:178 Resp: 3881

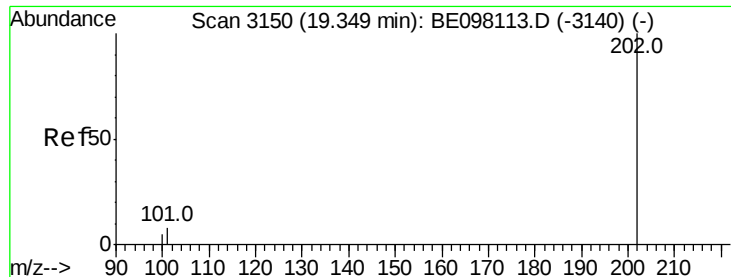
Ion Ratio Lower Upper

178 100

179 18.6 12.6 19.0

176 19.8 15.6 23.4





#15

Fluoranthene

Concen: 0.422 ng/ul

RT: 19.35 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

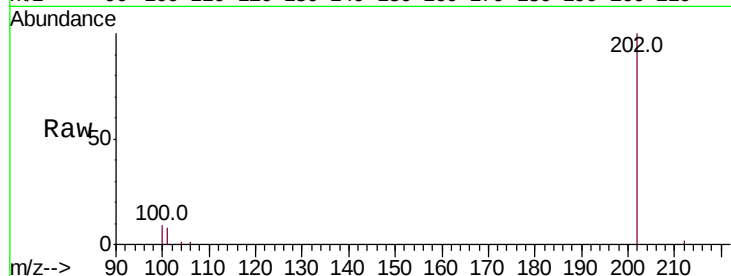
Tot Ion:202 Resp: 9477

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.5

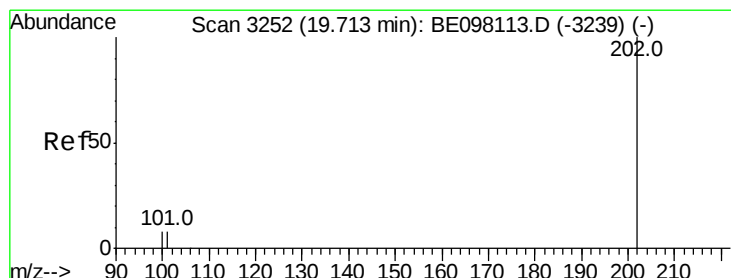
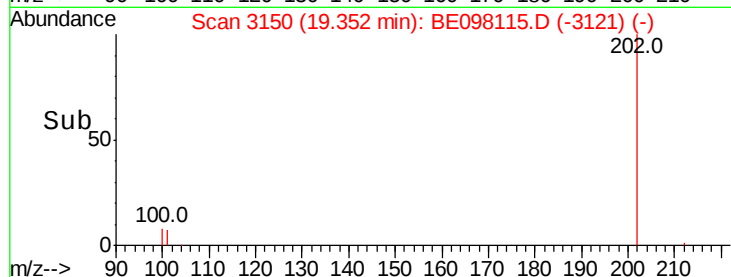
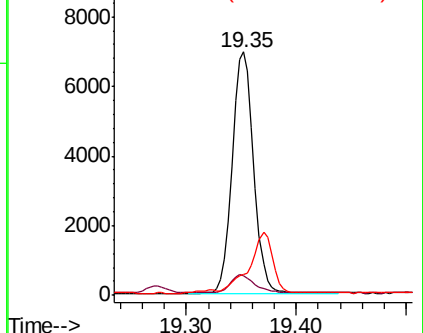
100 8.5 0.0 26.0



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: 0.501 ng/ul

RT: 19.71 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

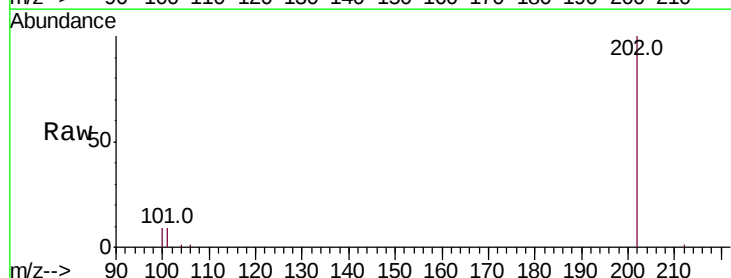
Tgt Ion:202 Resp: 12222

Ion Ratio Lower Upper

202 100

101 9.1 6.9 10.3

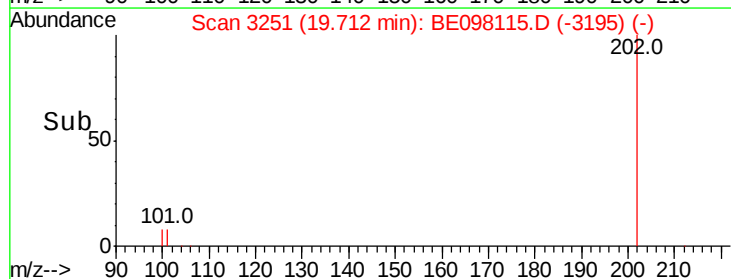
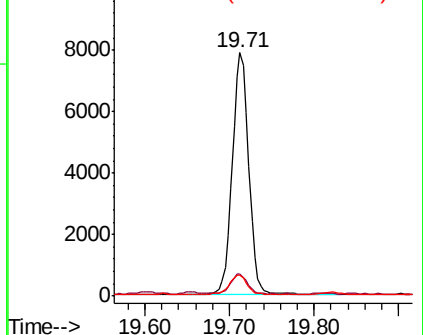
100 8.7 6.0 9.0

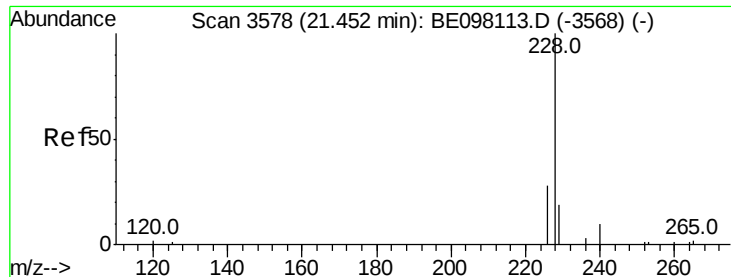


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.623 ng/ul

RT: 21.45 min Scan# 3577

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

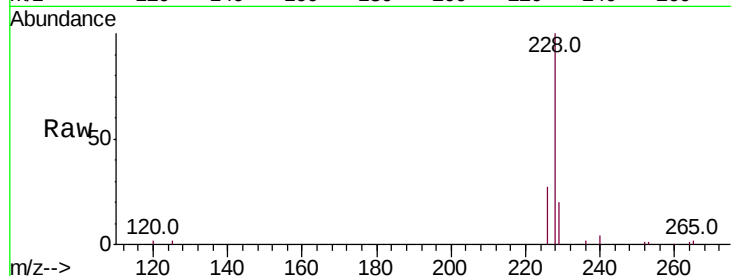
Tot Ion:228 Resp: 19116

Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

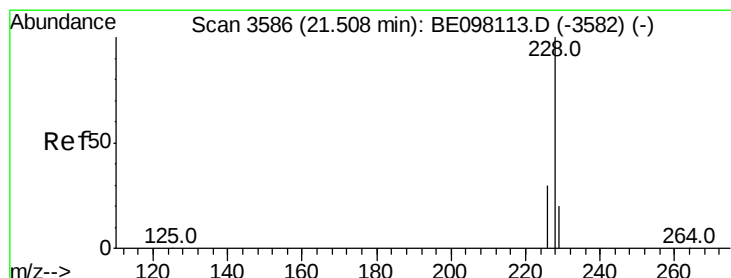
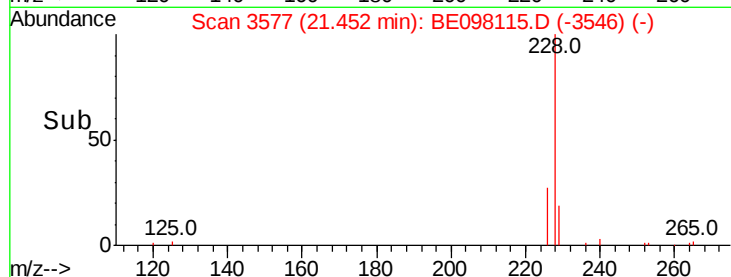
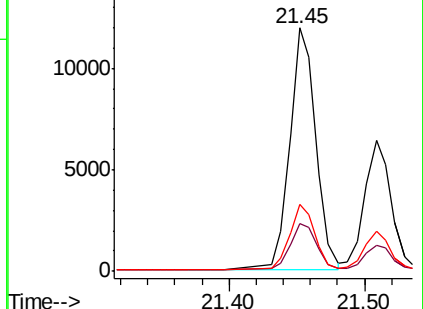
226 27.4 22.2 33.4



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: 0.380 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

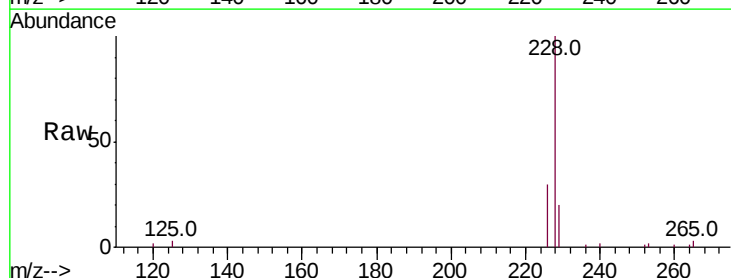
Tgt Ion:228 Resp: 9017

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

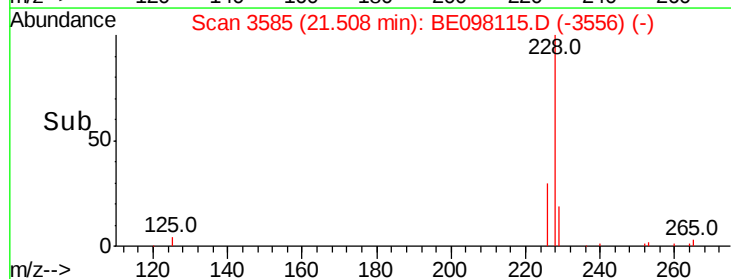
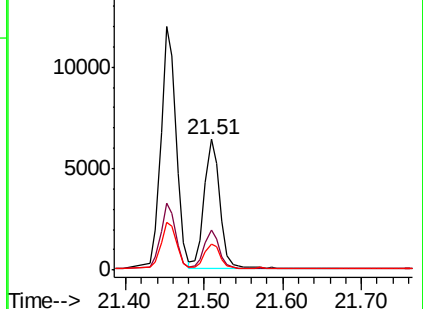
229 19.9 16.4 24.6

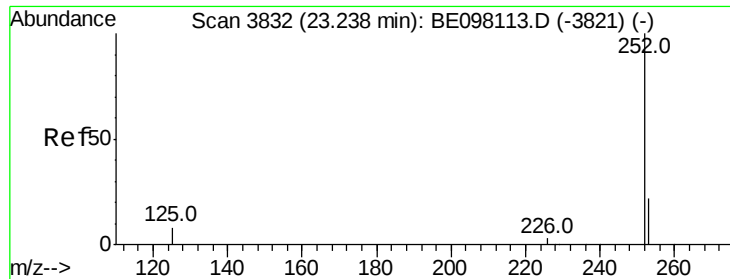


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.300 ng/ul

RT: 23.24 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

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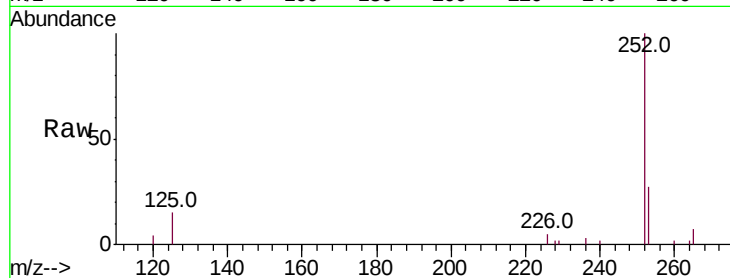
Tot Ion:252 Resp: 7227

Ion Ratio Lower Upper

252 100

253 26.9 0.0 47.8

125 14.6 0.0 16.8

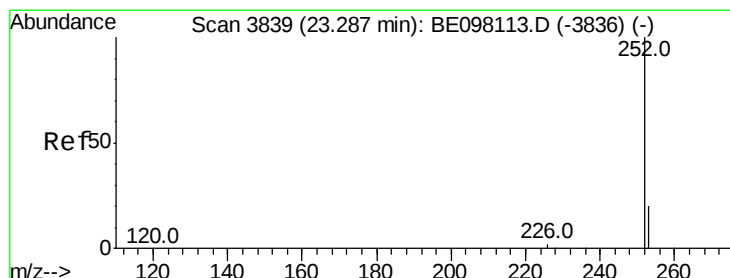
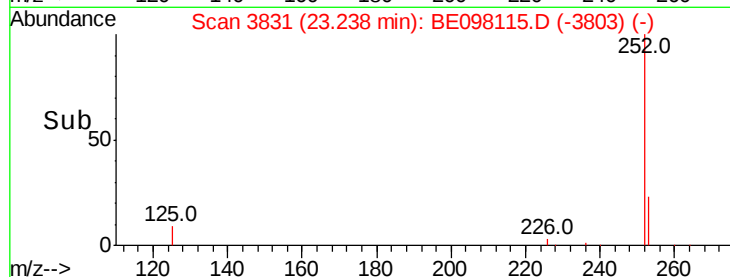
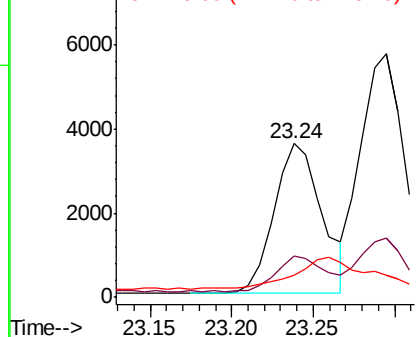


Abundance

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: 0.459 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. 0.01 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

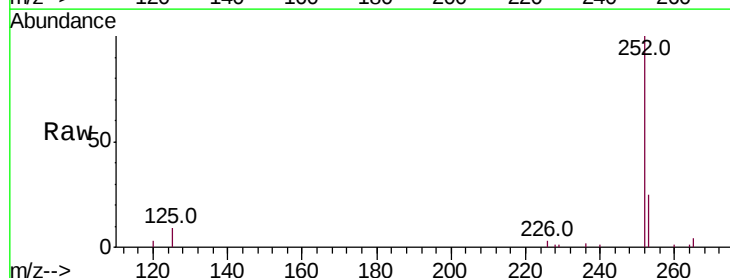
Tgt Ion:252 Resp: 10812

Ion Ratio Lower Upper

252 100

253 24.5 19.3 28.9

125 9.1 6.2 9.2

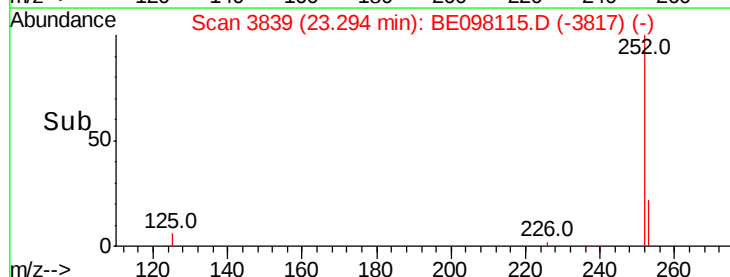
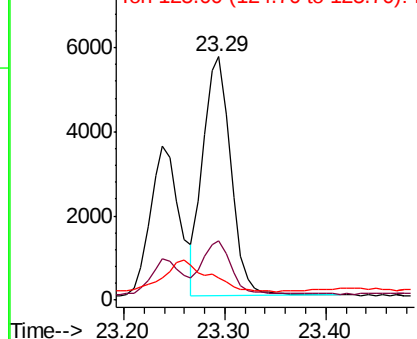


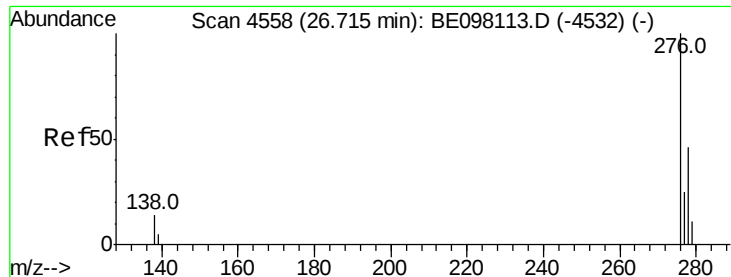
Abundance

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



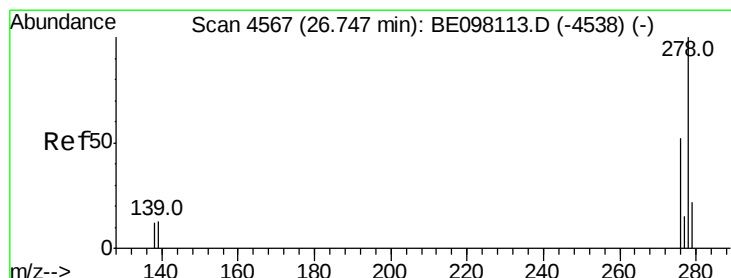
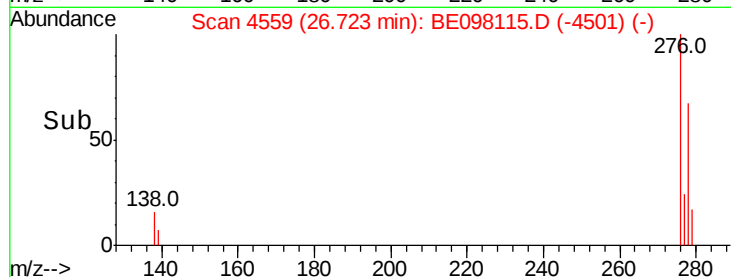
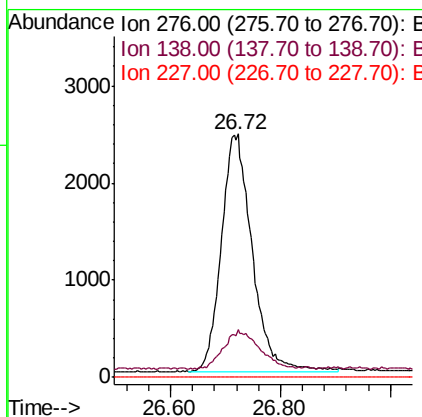
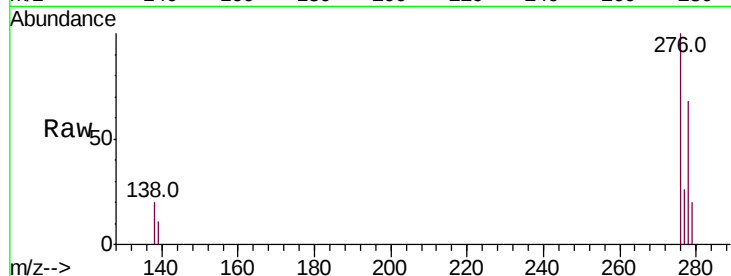


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/uL
RT: 26.72 min Scan# 4559
Delta R.T. 0.01 min
Lab File: BE098115.D
Acq: 31 Oct 2018 14:15

Instrument :
BNA_E
ClientSampleId :
A40D2

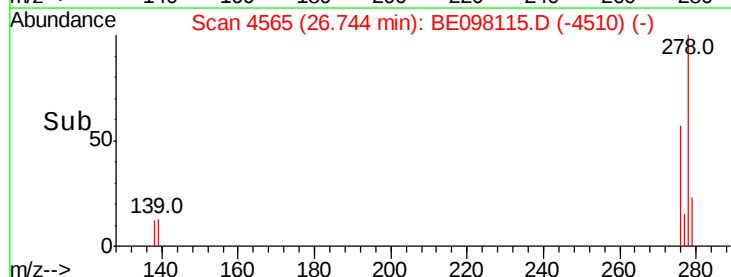
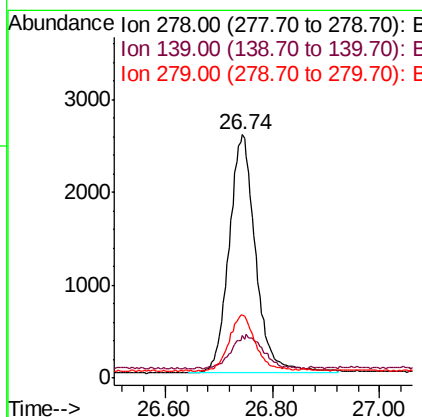
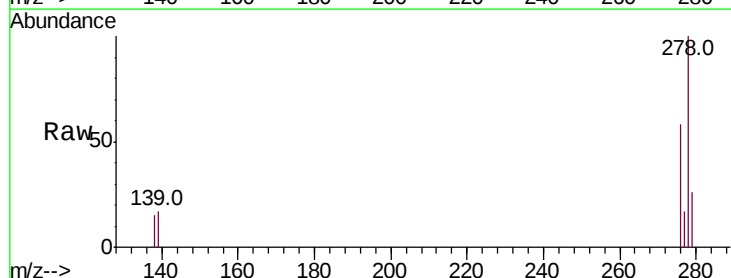
Tot Ion:276 Resp: 9481
Ion Ratio Lower Upper
276 100
138 19.4 11.8 17.8#
227 0.0 0.0 0.0

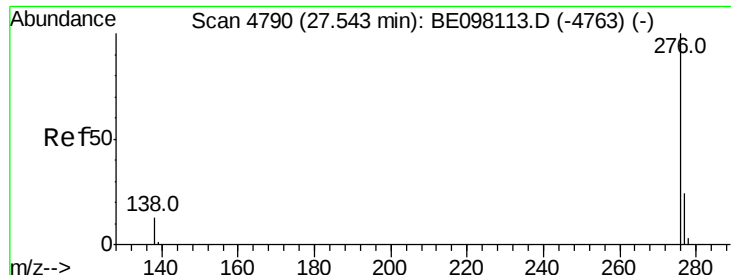


#25

Dibenzo(a,h)anthracene
Concen: 0.401 ng/uL
RT: 26.74 min Scan# 4565
Delta R.T. -0.00 min
Lab File: BE098115.D
Acq: 31 Oct 2018 14:15

Tgt Ion:278 Resp: 8876
Ion Ratio Lower Upper
278 100
139 17.3 10.0 15.0#
279 25.7 20.3 30.5





#26

Benzo(a,h,i)perylene

Concen: 0.561 ng/ul

RT: 27.54 min Scan# 4789

Delta R.T. 0.00 min

Lab File: BE098115.D

Acq: 31 Oct 2018 14:15

Instrument :

BNA_E

ClientSampleId :

A40D2

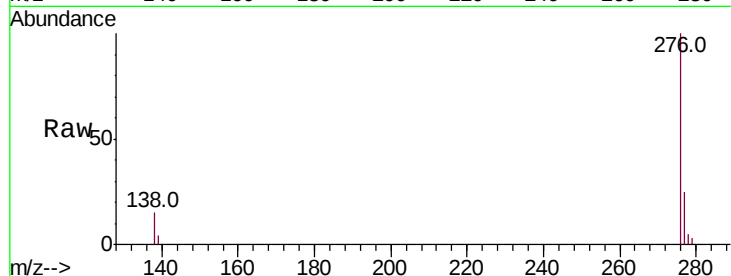
Tot Ion:276 Resp: 12543

Ion Ratio Lower Upper

276 100

138 15.3 11.6 17.4

277 25.3 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

