

Data File : BE098106.D
Acq On : 27 Oct 2018 1:52
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.473

Quant Time: Oct 27 04:04:59 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	7.88	152	1059	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5336	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3588	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8806	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12840	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10982	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3576	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	10449	0.37	ng/ul	0.00

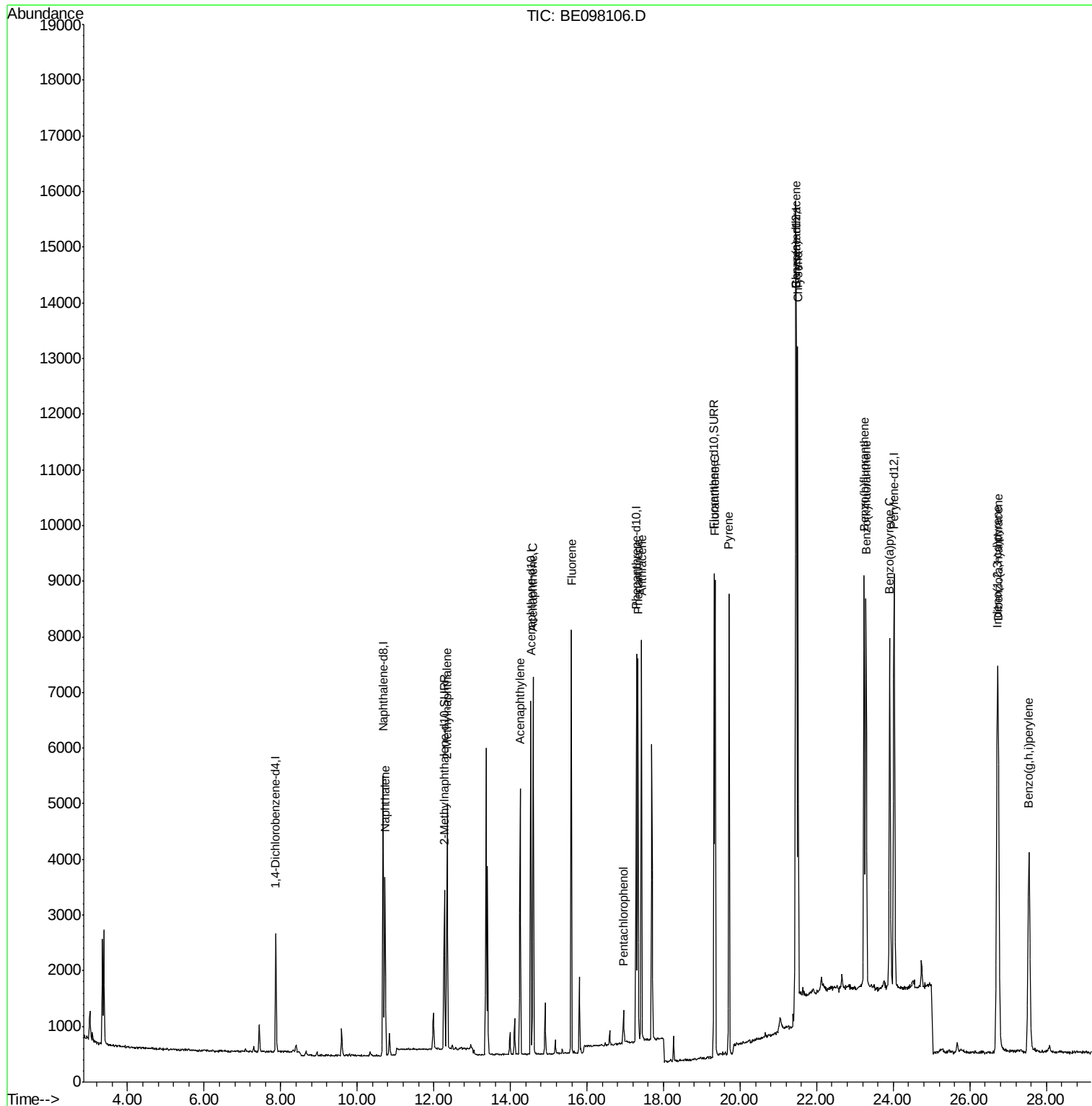
Target Compounds						Qvalue
3) Naphthalene	10.72	128	4866	0.381	ng/ul	100
5) 2-Methylnaphthalene	12.34	142	3626	0.376	ng/ul	100
7) Acenaphthylene	14.25	152	5401	0.382	ng/ul	99
8) Acenaphthene	14.60	153	4023	0.380	ng/ul	99
9) Fluorene	15.59	166	4739	0.372	ng/ul	96
11) Pentachlorophenol	16.95	266	359	0.779	ng/ul	98
12) Phenanthrene	17.33	178	7535	0.371	ng/ul	99
13) Anthracene	17.42	178	7646	0.381	ng/ul	100
15) Fluoranthene	19.35	202	9530	0.368	ng/ul	98
17) Pyrene	19.71	202	9617	0.321	ng/ul	99
18) Benzo(a)anthracene	21.45	228	15141	0.401	ng/ul	99
19) Chrysene	21.51	228	10364	0.355	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	10653	0.350	ng/ul	98
22) Benzo(k)fluoranthene	23.29	252	9978	0.335	ng/ul#	99
23) Benzo(a)pyrene	23.91	252	10082	0.345	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.72	276	11854	0.353	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.74	278	9751	0.349	ng/ul	97
26) Benzo(g,h,i)perylene	27.55	276	9805	0.347	ng/ul	97

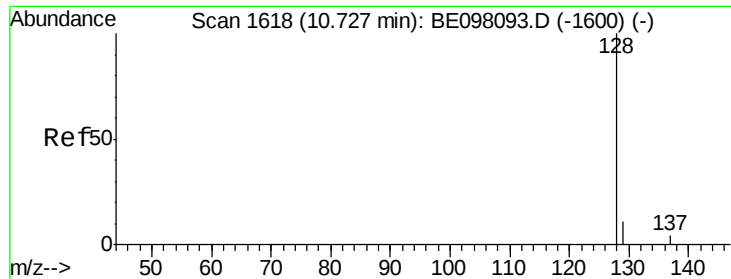
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.381 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

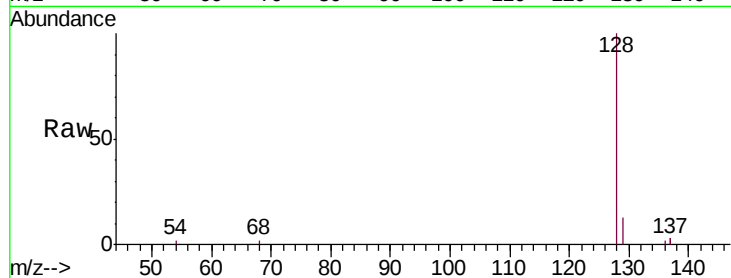
Tgt Ion:128 Resp: 4866

Ion Ratio Lower Upper

128 100

129 13.2 10.5 15.7

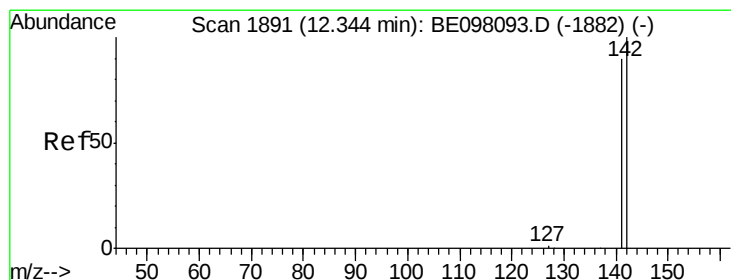
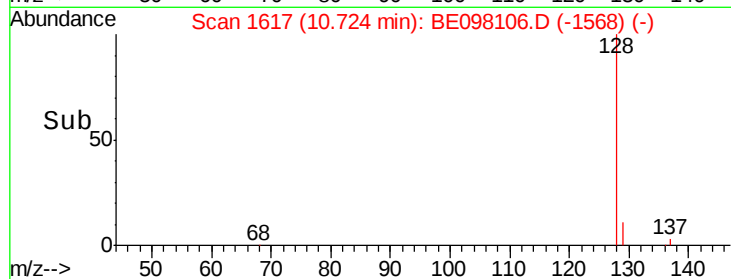
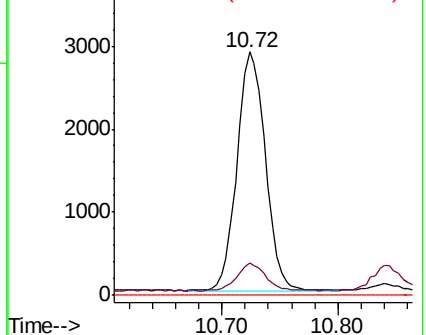
127 0.0 0.0 0.0



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: 0.376 ng/ul

RT: 12.34 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BE098106.D

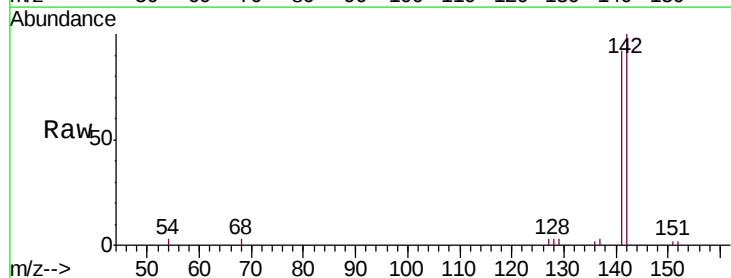
Acq: 27 Oct 2018 1:52

Tgt Ion:142 Resp: 3626

Ion Ratio Lower Upper

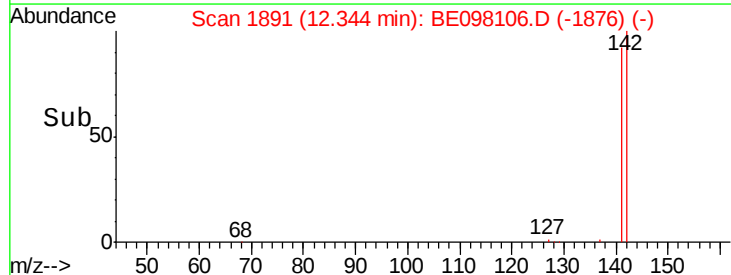
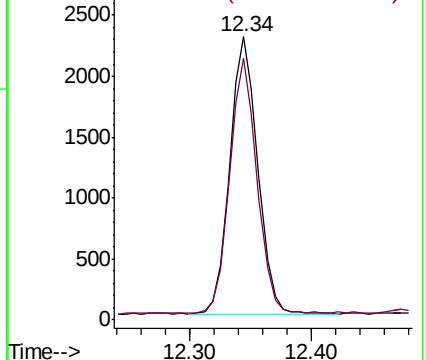
142 100

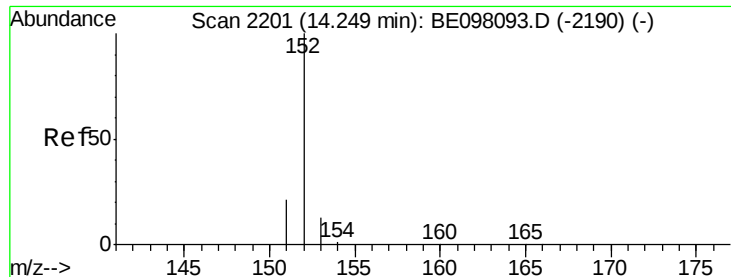
141 90.6 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.382 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

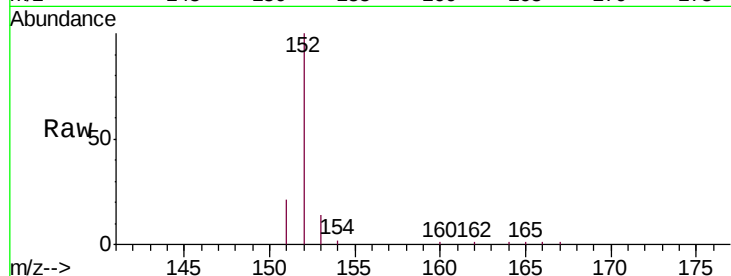
Tgt Ion:152 Resp: 5401

Ion Ratio Lower Upper

152 100

151 21.3 17.3 25.9

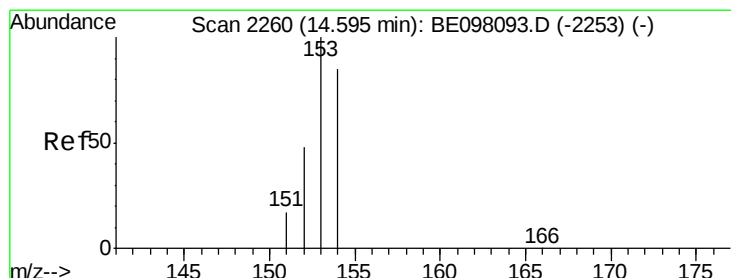
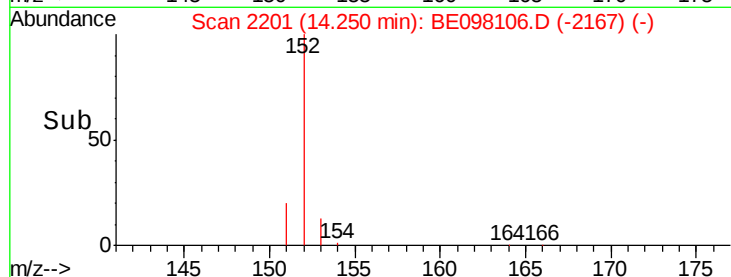
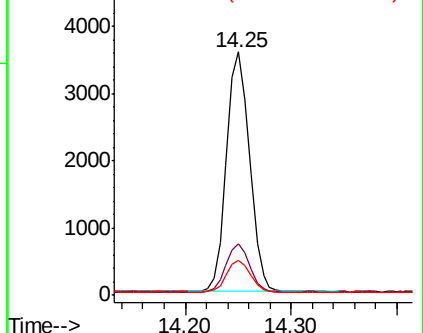
153 14.2 11.9 17.9



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: 0.380 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

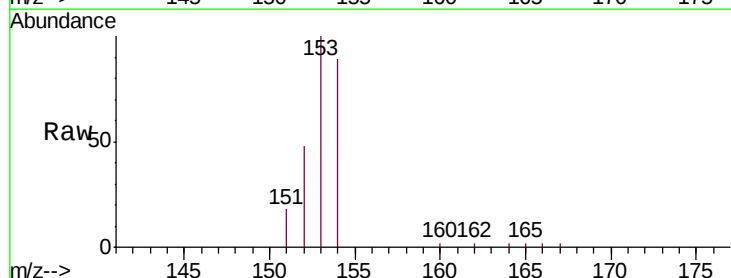
Tgt Ion:153 Resp: 4023

Ion Ratio Lower Upper

153 100

152 48.4 39.4 59.0

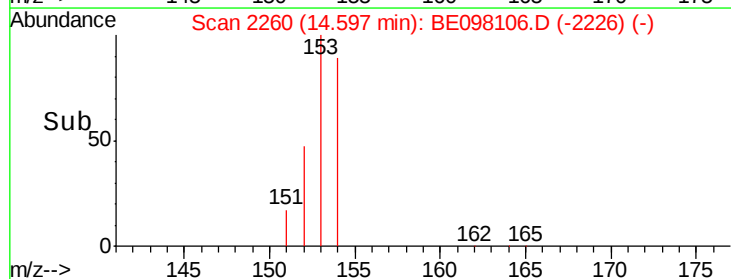
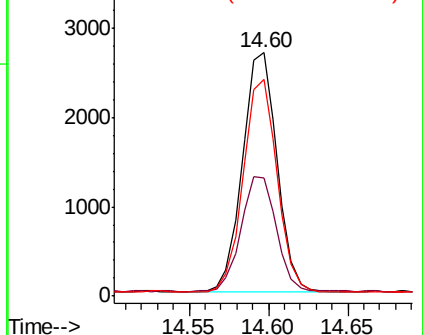
154 89.3 70.5 105.7

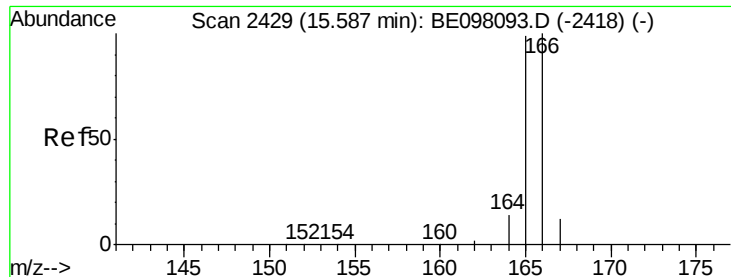


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

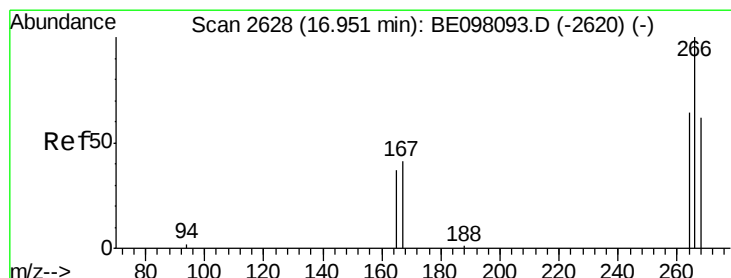
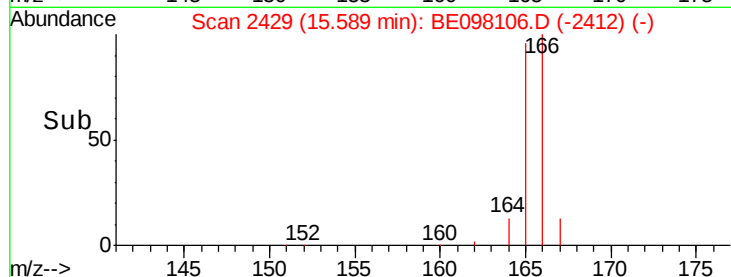
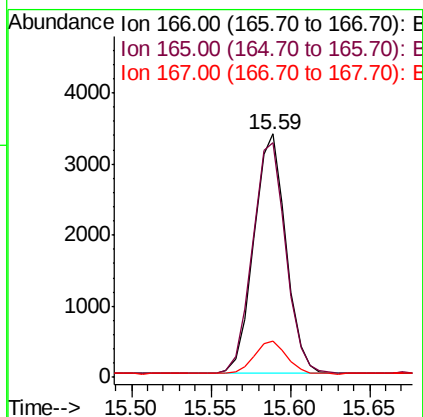
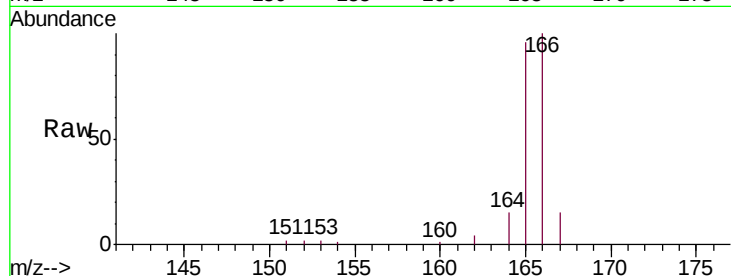




#9
Fluorene
 Concen: 0.372 ng/ul
 RT: 15.59 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BE098106.D
 Acq: 27 Oct 2018 1:52

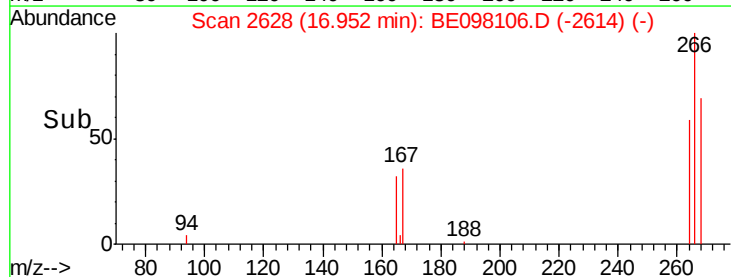
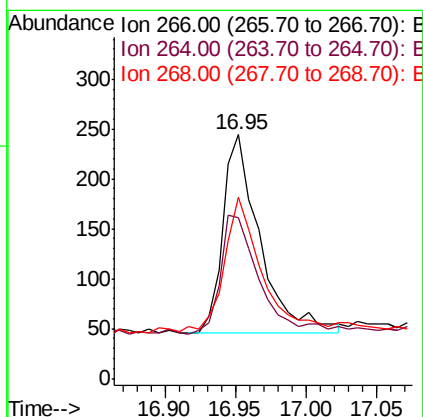
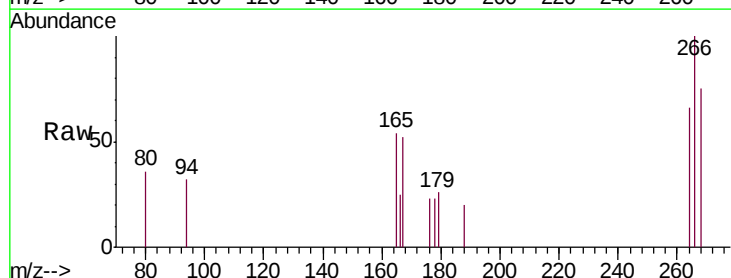
Instrument :
 BNA_E
 ClientSampleId :
 SST0.473

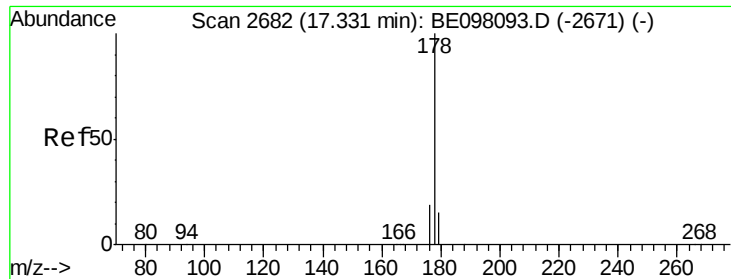
Tgt Ion:166 Resp: 4739
 Ion Ratio Lower Upper
 166 100
 165 96.3 80.2 120.4
 167 14.6 12.0 18.0



#11
Pentachlorophenol
 Concen: 0.779 ng/ul
 RT: 16.95 min Scan# 2628
 Delta R.T. 0.00 min
 Lab File: BE098106.D
 Acq: 27 Oct 2018 1:52

Tgt Ion:266 Resp: 359
 Ion Ratio Lower Upper
 266 100
 264 63.0 48.5 72.7
 268 68.0 53.7 80.5





#12

Phenanthrene

Concen: 0.371 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

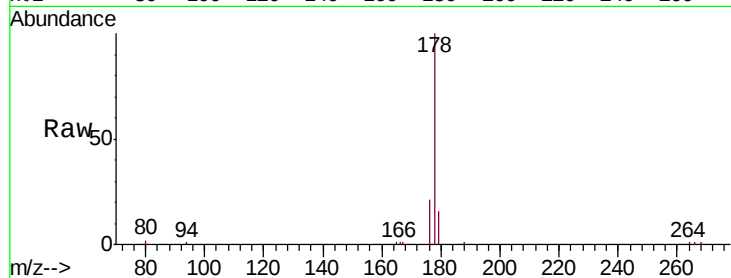
Tgt Ion:178 Resp: 7535

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

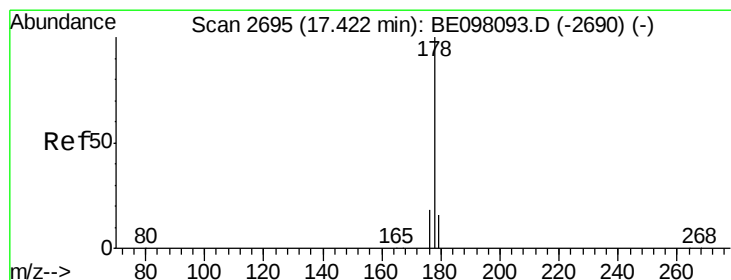
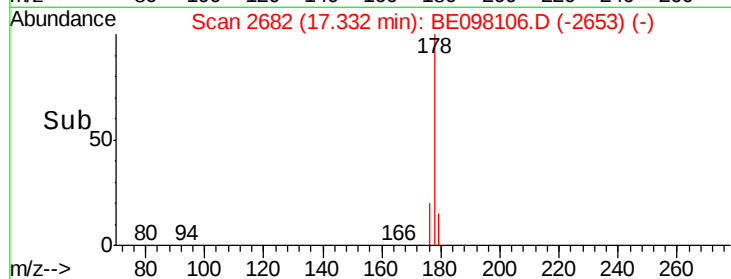
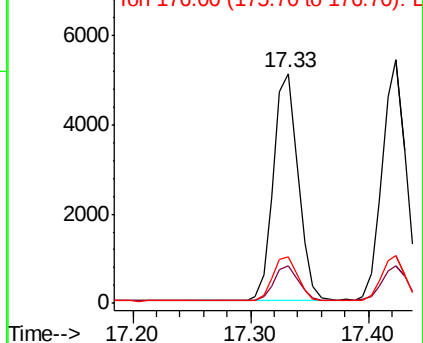
176 20.5 15.7 23.5



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: 0.381 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

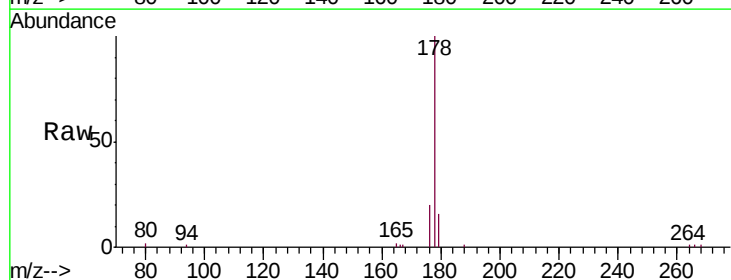
Tgt Ion:178 Resp: 7646

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

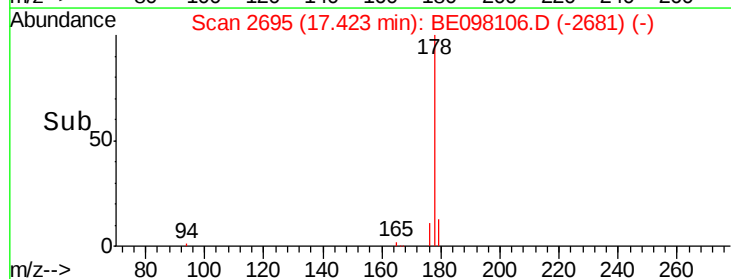
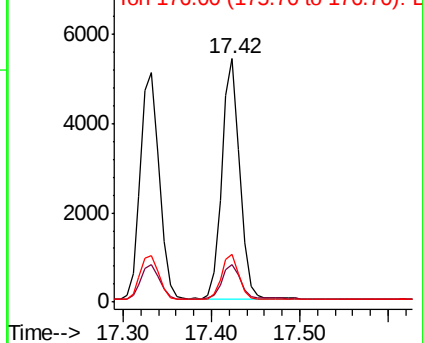
176 19.7 15.6 23.4

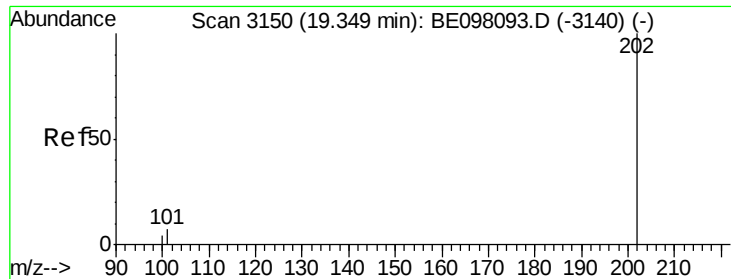


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

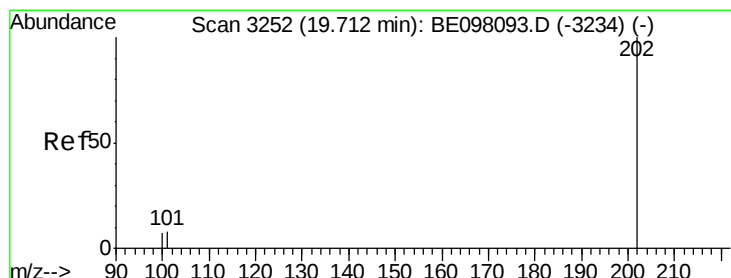
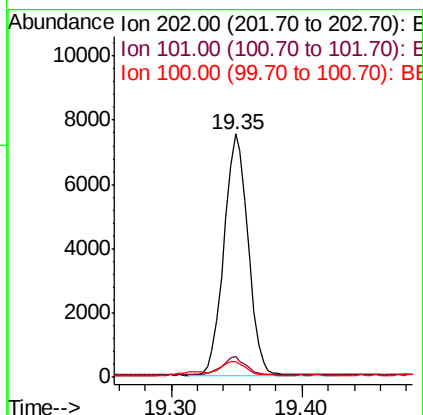
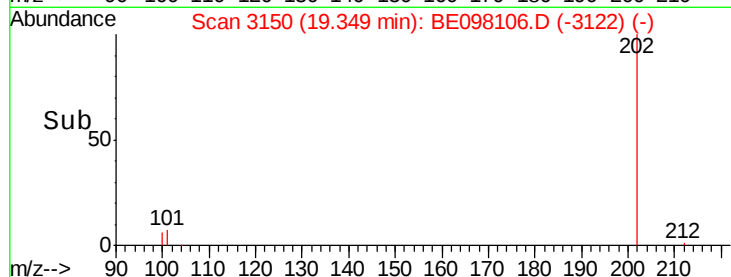
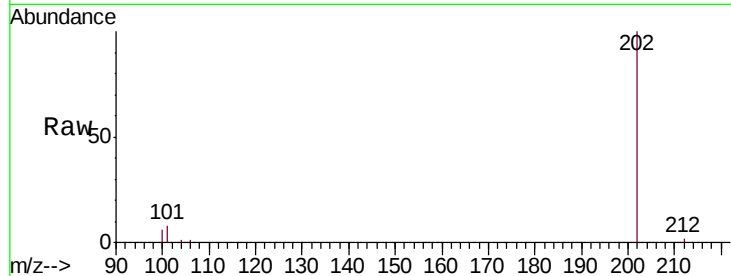




#15
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098106.D
Acq: 27 Oct 2018 1:52

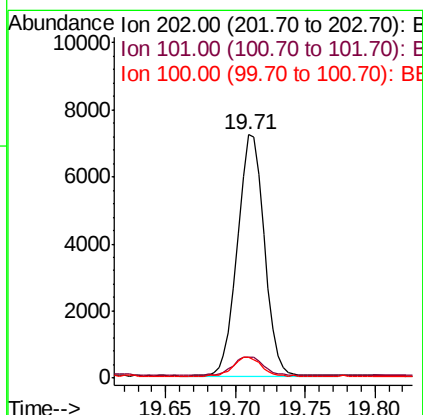
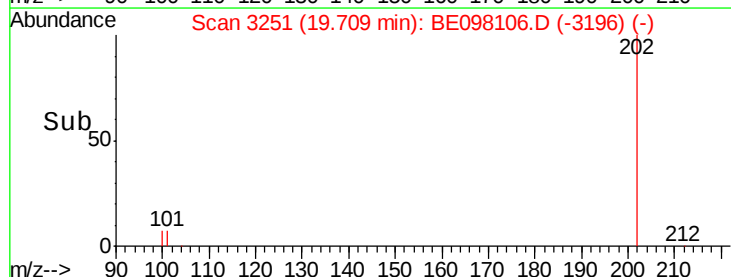
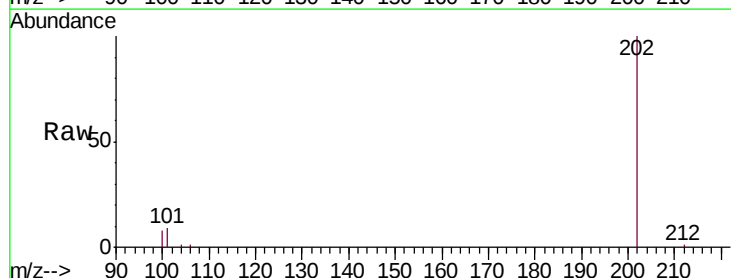
Instrument :
BNA_E
ClientSampleId :
SSTD0.473

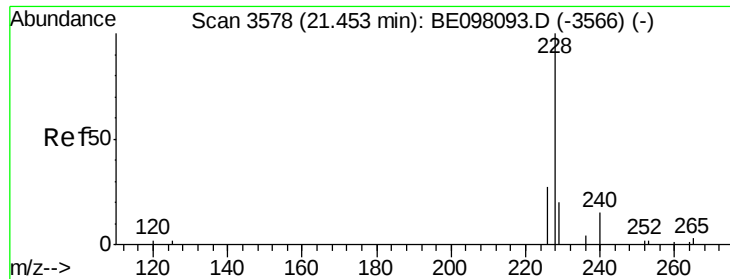
Tgt Ion:202 Resp: 9530
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.5
100 6.4 0.0 26.0



#17
Pyrene
Concen: 0.321 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE098106.D
Acq: 27 Oct 2018 1:52

Tgt Ion:202 Resp: 9617
Ion Ratio Lower Upper
202 100
101 8.8 6.9 10.3
100 8.3 6.0 9.0





#18

Benzo(a)anthracene

Concen: 0.401 ng/ul

RT: 21.45 min Scan# 3578

Delta R.T. -0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

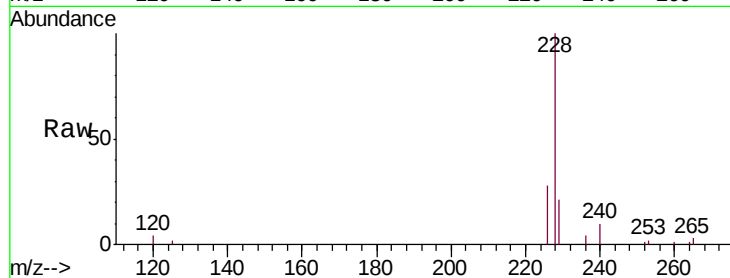
Tgt Ion:228 Resp: 15141

Ion Ratio Lower Upper

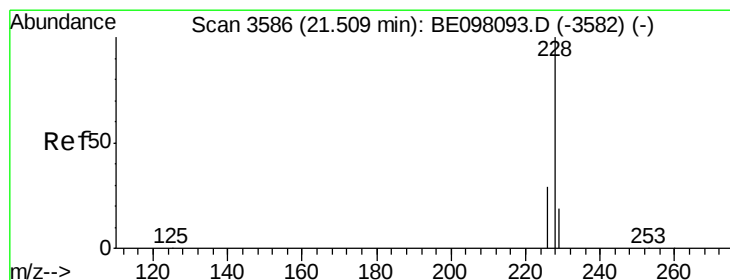
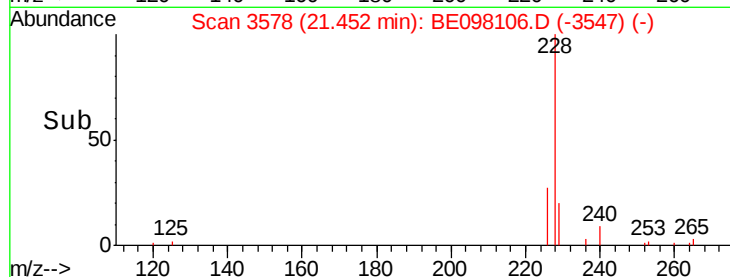
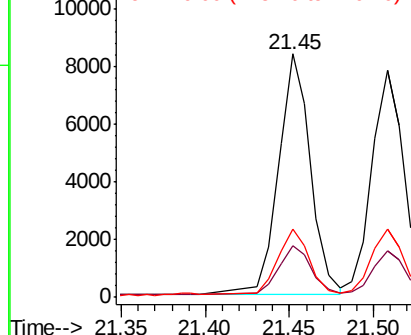
228 100

229 21.1 16.1 24.1

226 27.9 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: 0.355 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

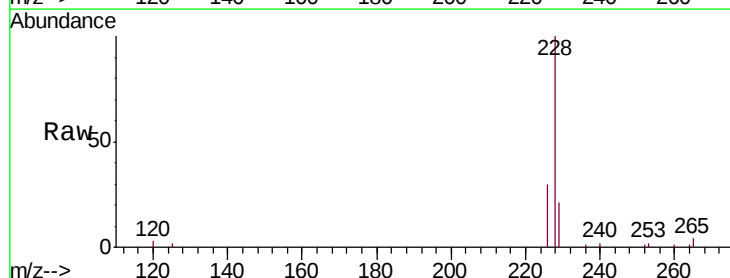
Tgt Ion:228 Resp: 10364

Ion Ratio Lower Upper

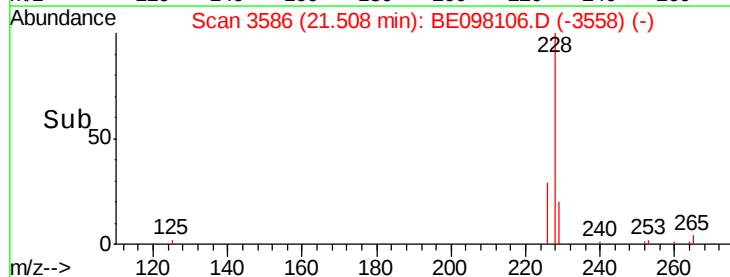
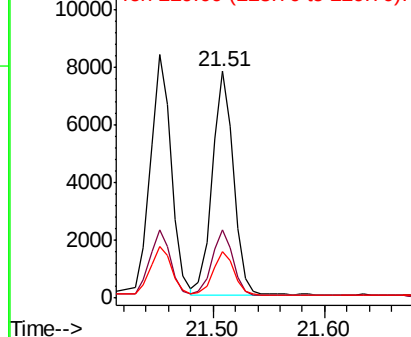
228 100

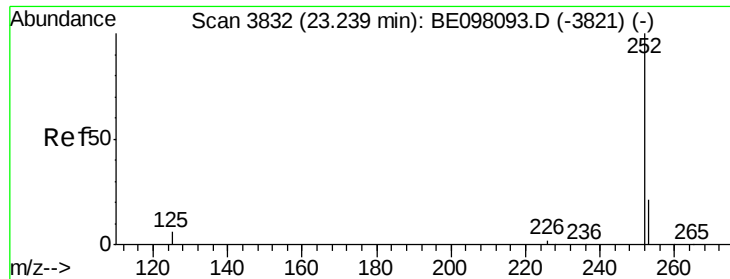
226 30.2 24.6 37.0

229 20.8 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: 0.350 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

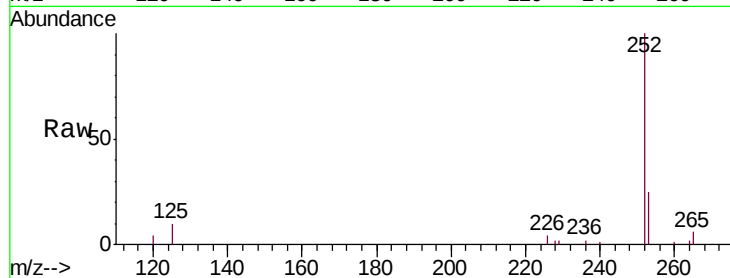
Tgt Ion:252 Resp: 10653

Ion Ratio Lower Upper

252 100

253 24.6 0.0 47.8

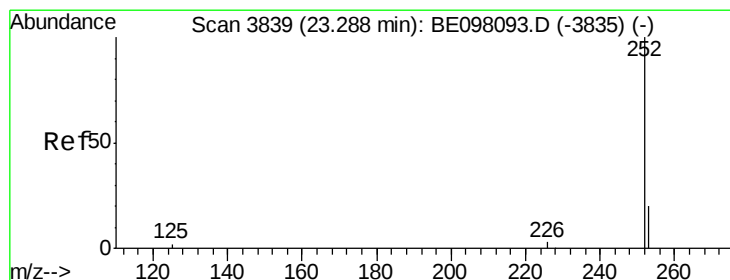
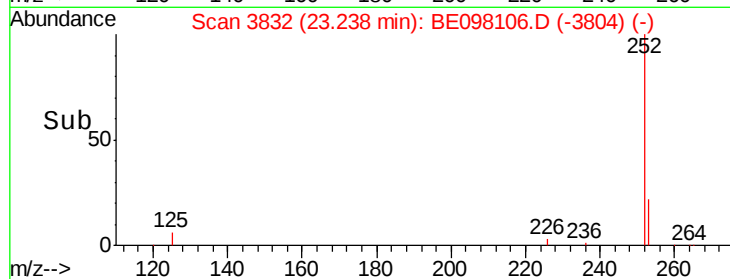
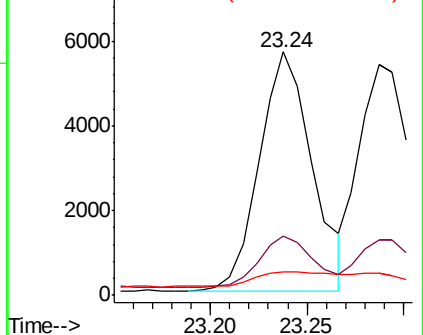
125 9.7 0.0 16.8



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: 0.335 ng/ul

RT: 23.29 min Scan# 3839

Delta R.T. -0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

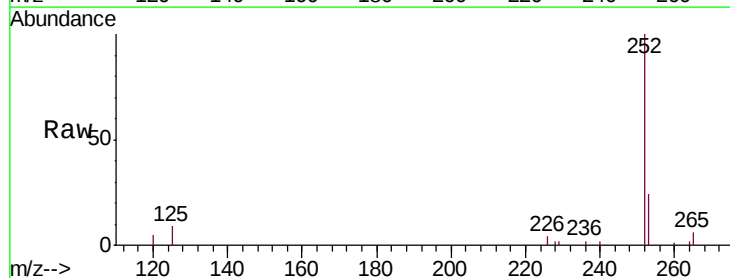
Tgt Ion:252 Resp: 9978

Ion Ratio Lower Upper

252 100

253 24.2 19.3 28.9

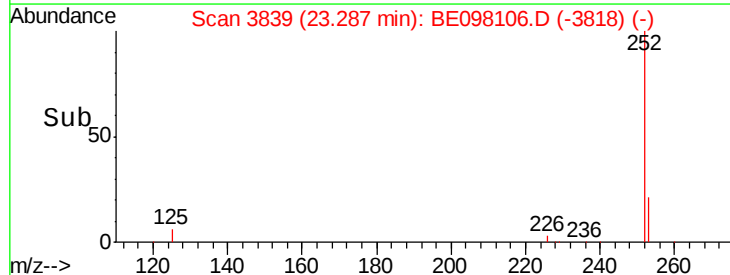
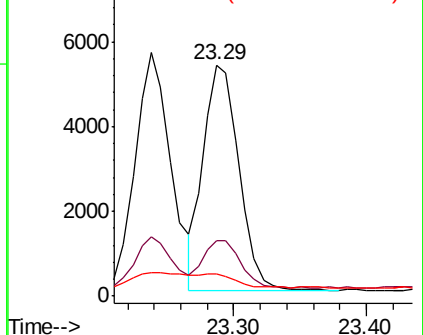
125 9.5 6.2 9.2#

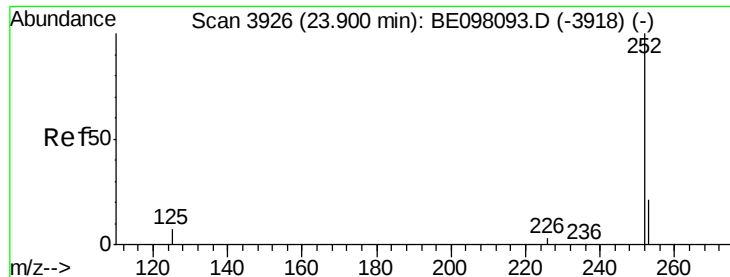


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.01 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

Instrument :

BNA_E

ClientSampleId :

SSTD0.473

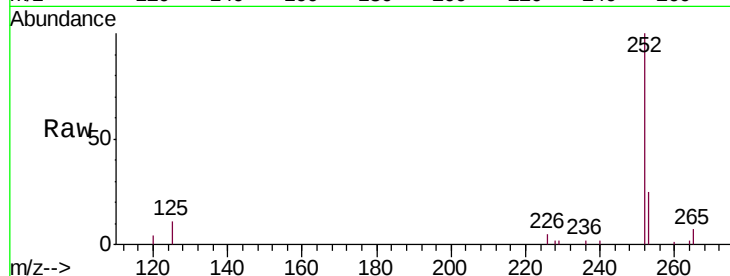
Tgt Ion:252 Resp: 10082

Ion Ratio Lower Upper

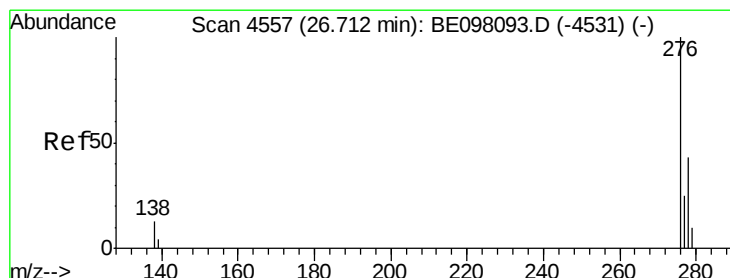
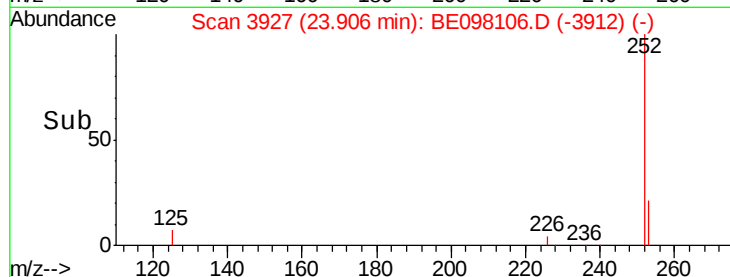
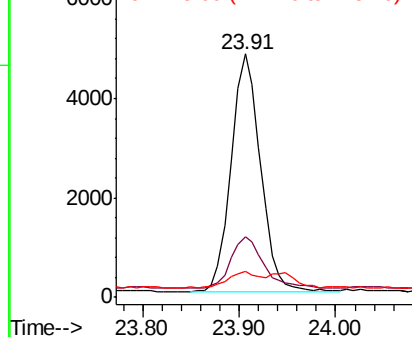
252 100

253 24.6 19.4 29.2

125 10.7 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: 0.353 ng/ul

RT: 26.72 min Scan# 4558

Delta R.T. 0.00 min

Lab File: BE098106.D

Acq: 27 Oct 2018 1:52

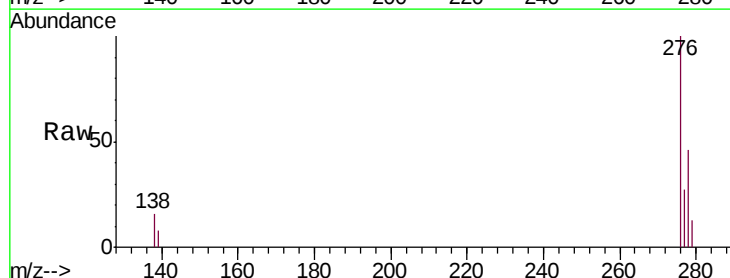
Tgt Ion:276 Resp: 11854

Ion Ratio Lower Upper

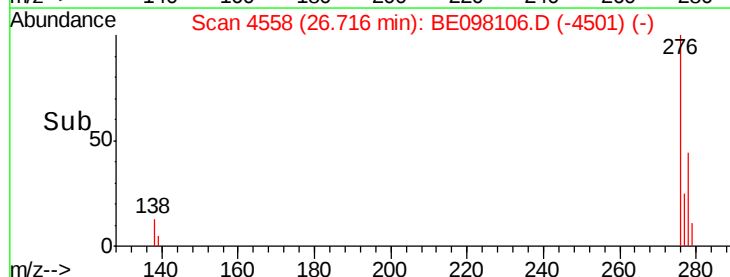
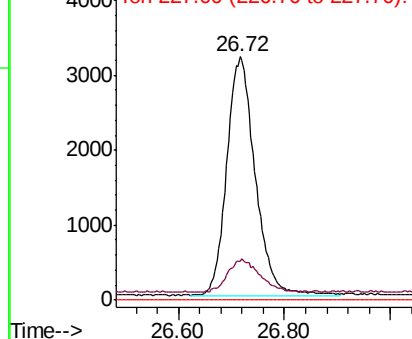
276 100

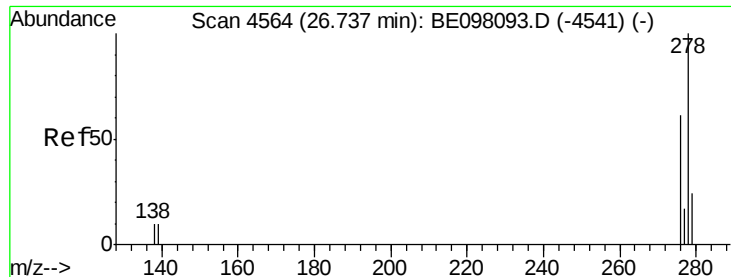
138 15.5 11.8 17.8

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



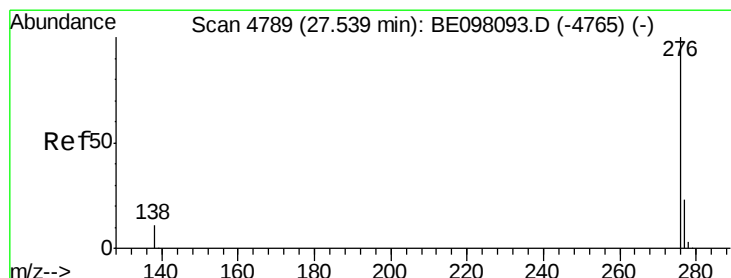
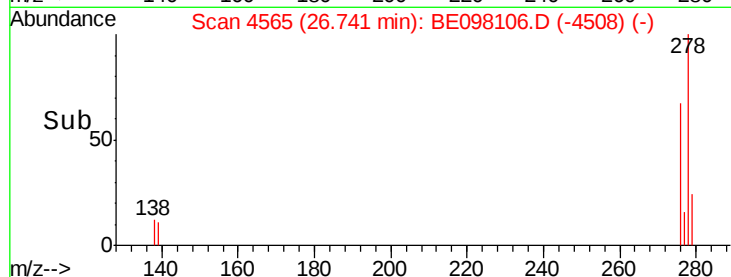
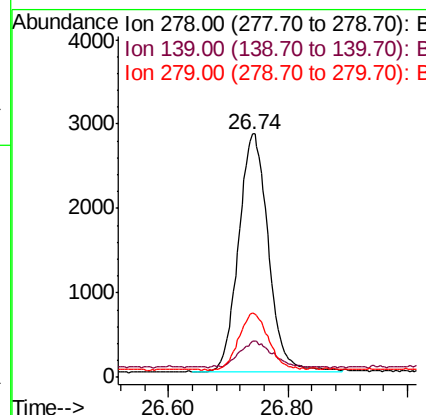
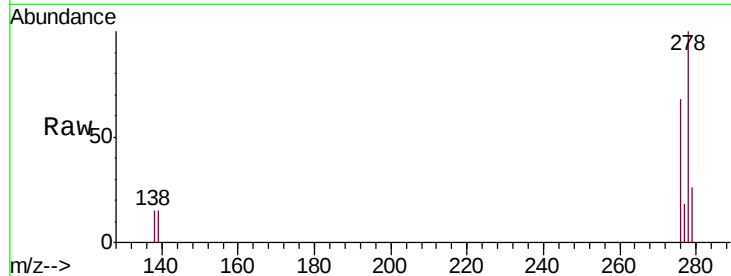


#25
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.74 min Scan# 4565
Delta R.T. 0.00 min
Lab File: BE098106.D
Acq: 27 Oct 2018 1:52

Instrument :
BNA_E
ClientSampleId :
SSTD0.473

Tgt Ion: 278 Resp: 9751

Ion	Ratio	Lower	Upper
278	100		
139	14.8	10.0	15.0
279	26.5	20.3	30.5



#26
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.55 min Scan# 4791
Delta R.T. 0.01 min
Lab File: BE098106.D
Acq: 27 Oct 2018 1:52

Tgt Ion: 276 Resp: 9805

Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.6	17.4
277	25.1	20.8	31.2

