

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090518\
 Data File : BE097409.D
 Acq On : 5 Sep 2018 17:09
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 06 01:25:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 02:12:09 2018
 Response via : Initial Calibration

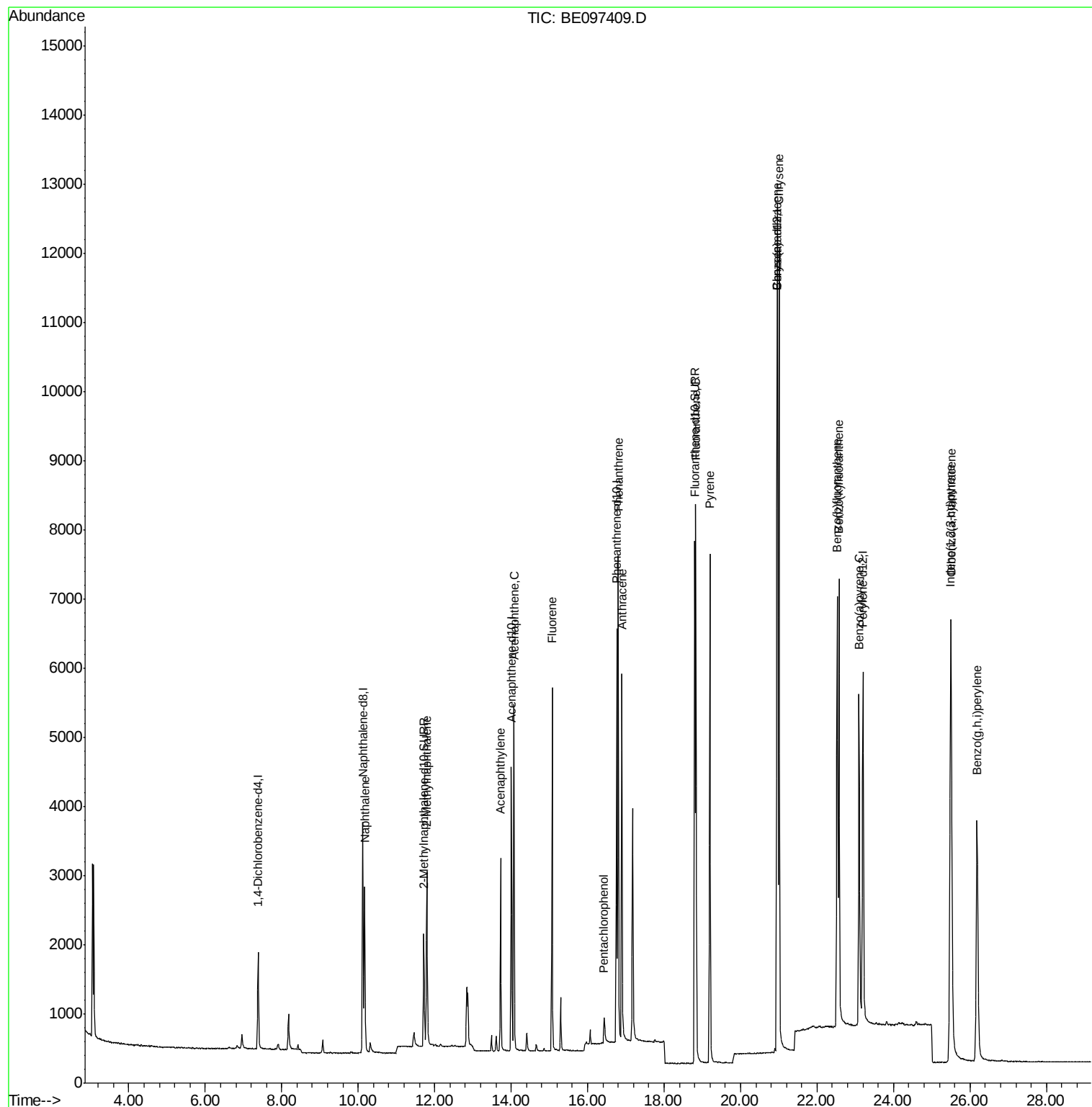
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	775	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	3817	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2280	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7044	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	7890	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	7236	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2508	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9119	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.17	128	3740	0.402	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	2478	0.421	ng/ul	98
7) Acenaphthylene	13.72	152	3416	0.411	ng/ul	98
8) Acenaphthene	14.07	153	2853	0.399	ng/ul	97
9) Fluorene	15.07	166	3357	0.410	ng/ul	94
11) Pentachlorophenol	16.44	266	261	0.376	ng/ul	93
12) Phenanthrene	16.80	178	7186	0.396	ng/ul#	89
13) Anthracene	16.89	178	6166	0.404	ng/ul#	92
15) Fluoranthene	18.83	202	9097	0.391	ng/ul	84
17) Pyrene	19.20	202	8843	0.416	ng/ul#	78
18) Benzo(a)anthracene	20.95	228	8399	0.414	ng/ul#	85
19) Chrysene	21.01	228	9470	0.406	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	8463	0.437	ng/ul	83
22) Benzo(k)fluoranthene	22.57	252	8414	0.389	ng/ul#	84
23) Benzo(a)pyrene	23.10	252	7736	0.432	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.49	276	9482	0.408	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.51	278	7855	0.399	ng/ul#	87
26) Benzo(g,h,i)perylene	26.18	276	8264	0.417	ng/ul#	92

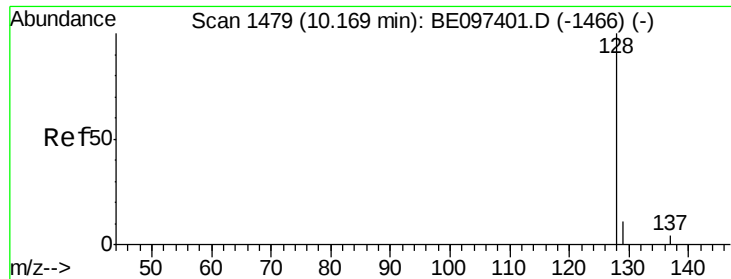
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090518\
Data File : BE097409.D
Acq On : 5 Sep 2018 17:09
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 06 01:25:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 02:12:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampleId :

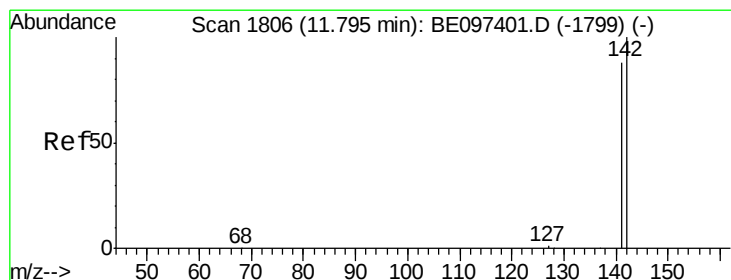
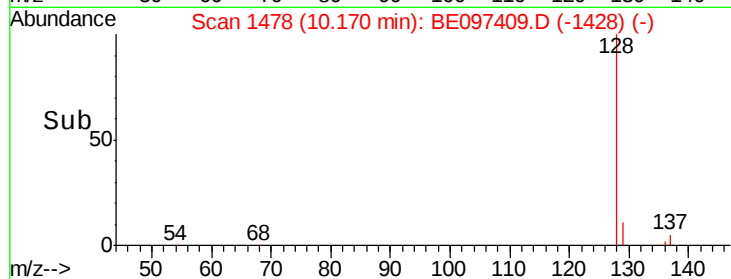
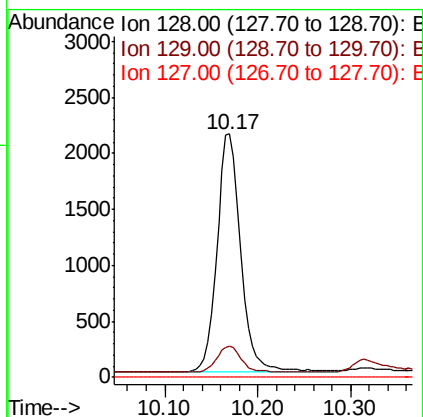
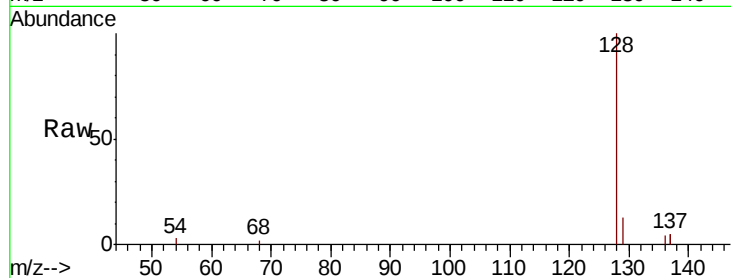
Tot Ion:128 Resp: 3740

Ion Ratio Lower Upper

128 100

129 12.6 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.421 ng/ul

RT: 11.80 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BE097409.D

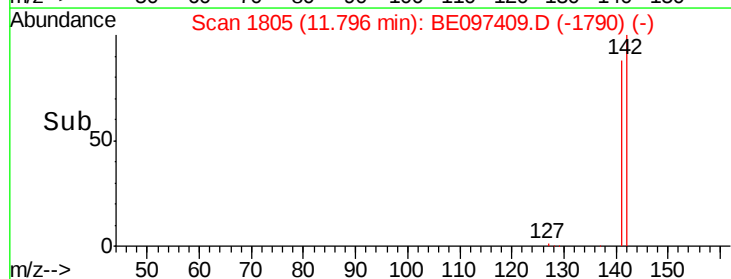
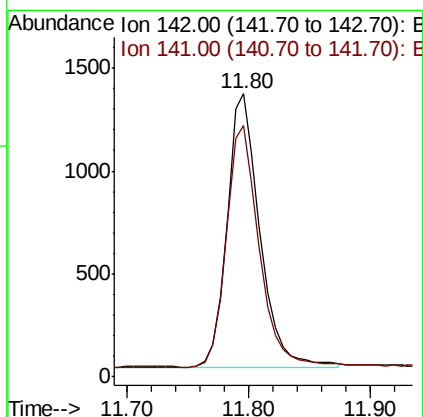
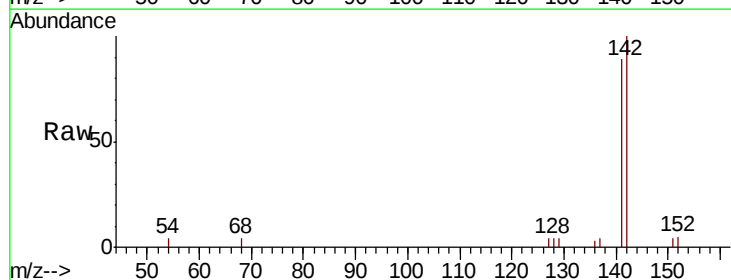
Acq: 5 Sep 2018 17:09

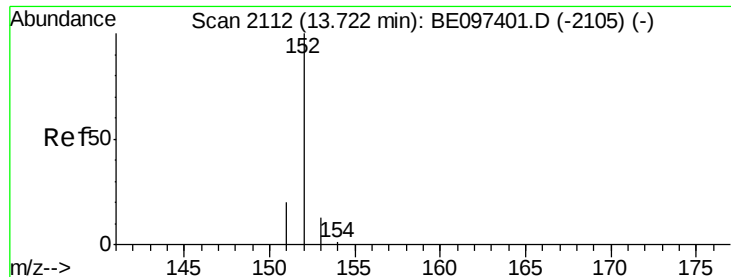
Tgt Ion:142 Resp: 2478

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.411 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampled :

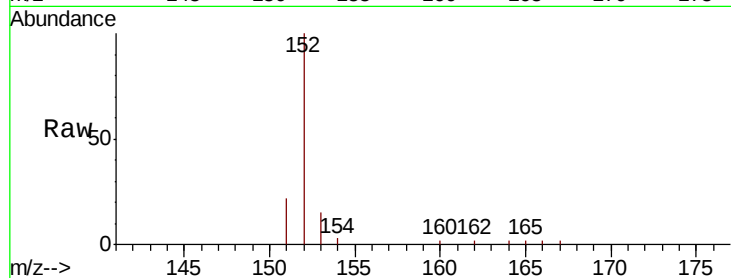
Tot Ion:152 Resp: 3416

Ion Ratio Lower Upper

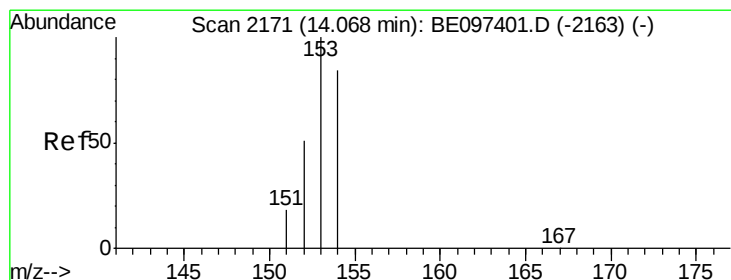
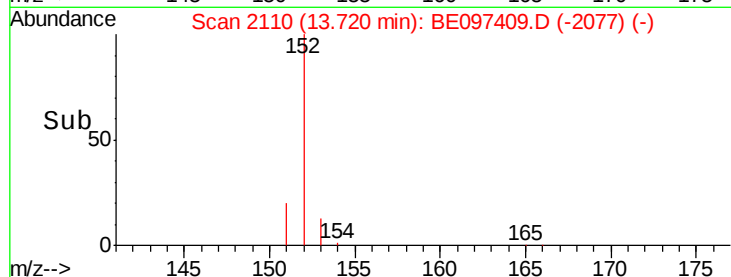
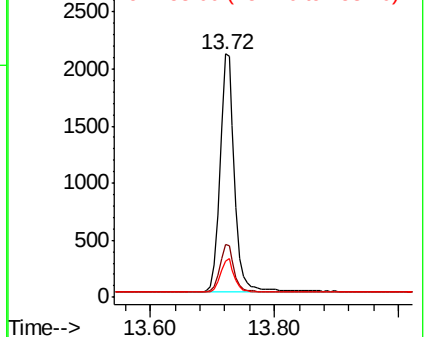
152 100

151 21.9 17.1 25.7

153 14.8 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: 0.399 ng/ul

RT: 14.07 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

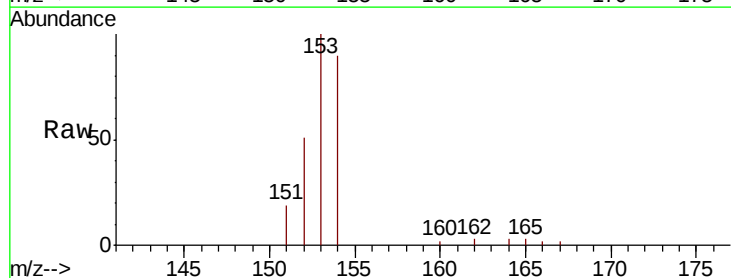
Tgt Ion:153 Resp: 2853

Ion Ratio Lower Upper

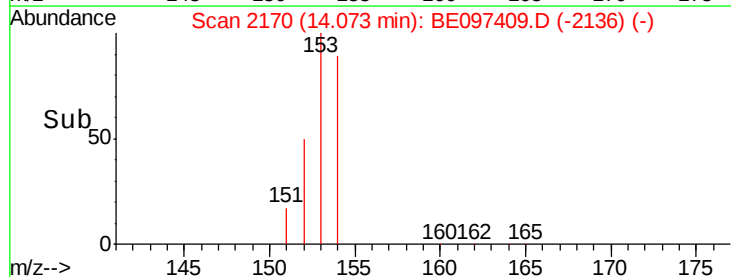
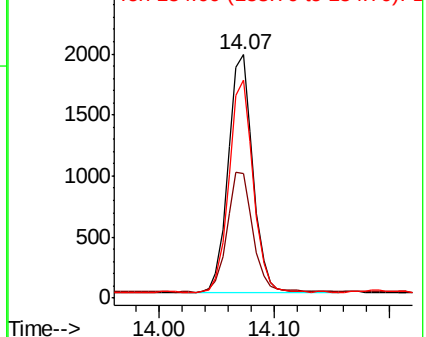
153 100

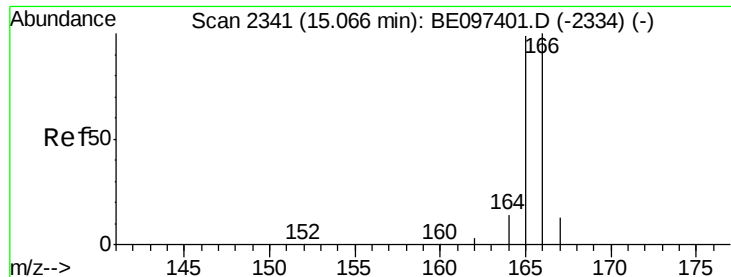
152 51.3 36.0 54.0

154 89.6 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

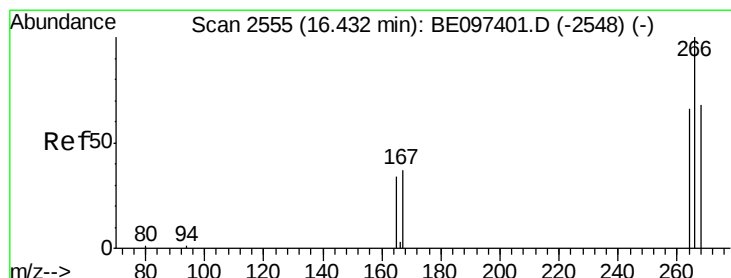
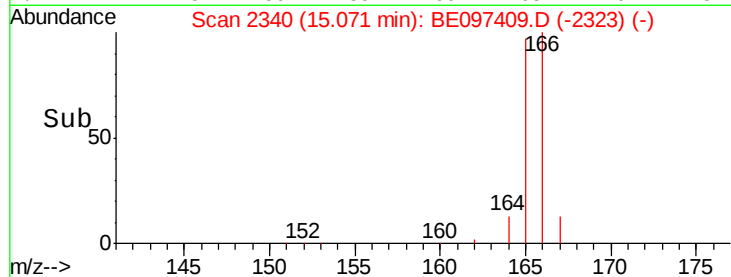
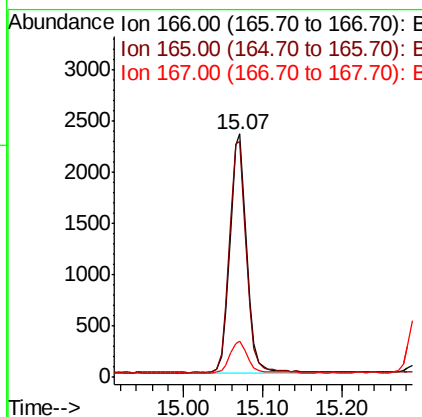
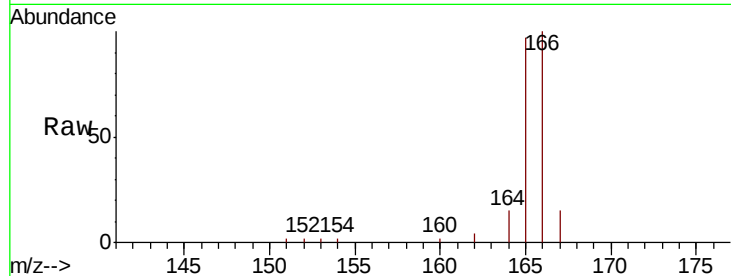




#9
Fluorene
 Concen: 0.410 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BE097409.D
 Acq: 5 Sep 2018 17:09

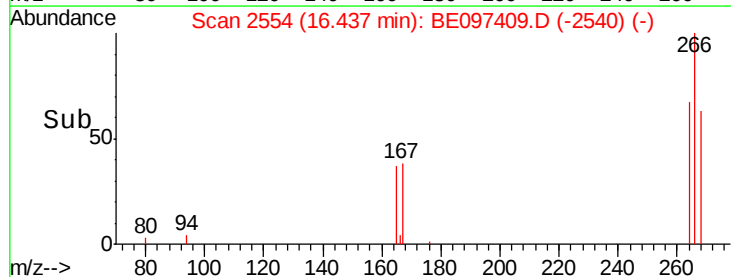
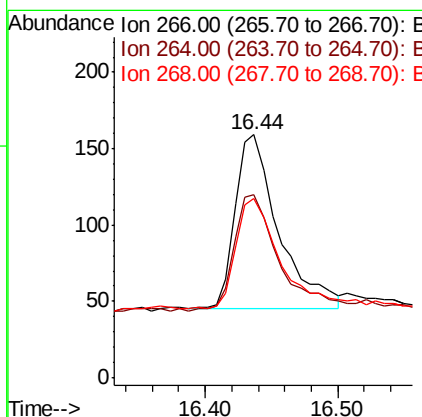
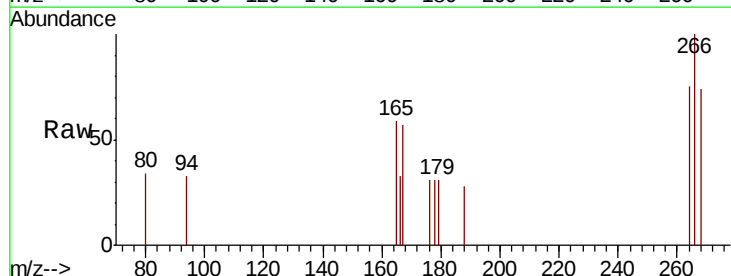
Instrument :
 BNA_E
 ClientSampleId :

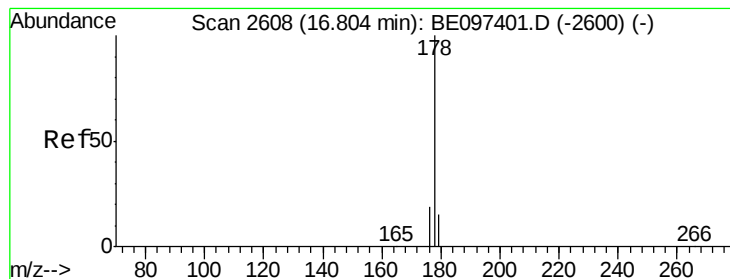
Tot Ion:166 Resp: 3357
 Ion Ratio Lower Upper
 166 100
 165 96.9 73.4 110.2
 167 14.7 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.376 ng/ul
 RT: 16.44 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BE097409.D
 Acq: 5 Sep 2018 17:09

Tgt Ion:266 Resp: 261
 Ion Ratio Lower Upper
 266 100
 264 68.2 47.9 71.9
 268 64.4 49.8 74.8





#12

Phenanthrene

Concen: 0.396 ng/ul

RT: 16.80 min Scan# 2606

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampleId :

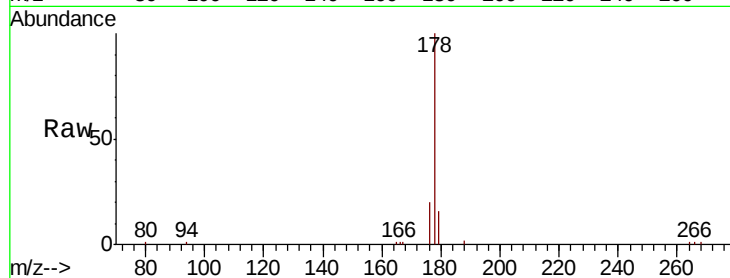
Tot Ion:178 Resp: 7186

Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

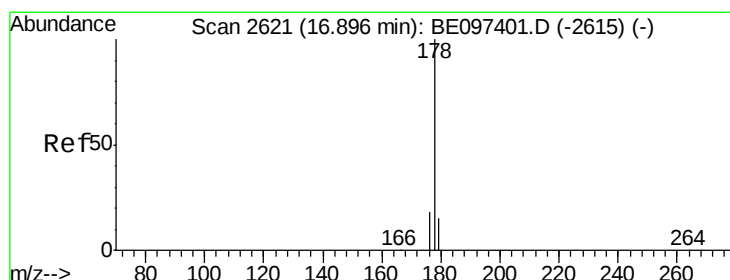
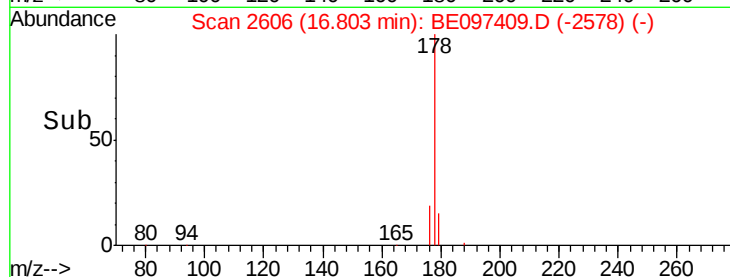
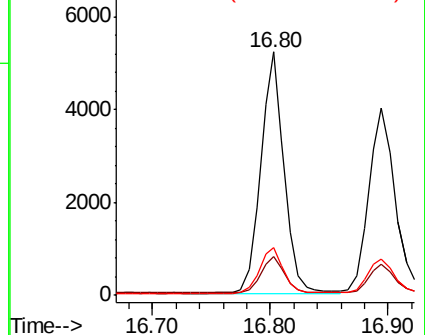
176 19.7 13.6 20.4



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



#13

Anthracene

Concen: 0.404 ng/ul

RT: 16.89 min Scan# 2619

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

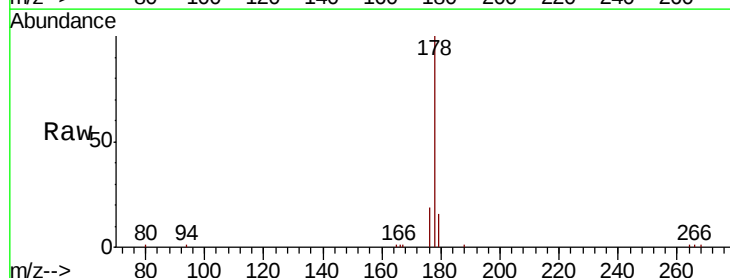
Tgt Ion:178 Resp: 6166

Ion Ratio Lower Upper

178 100

179 16.4 18.1 27.1#

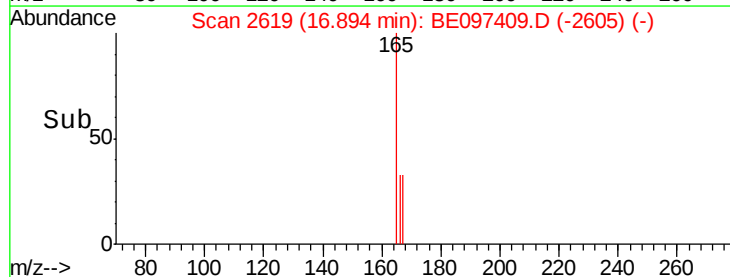
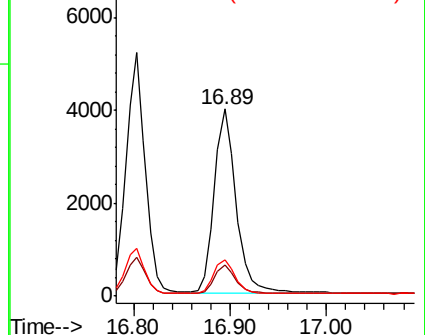
176 19.3 14.7 22.1

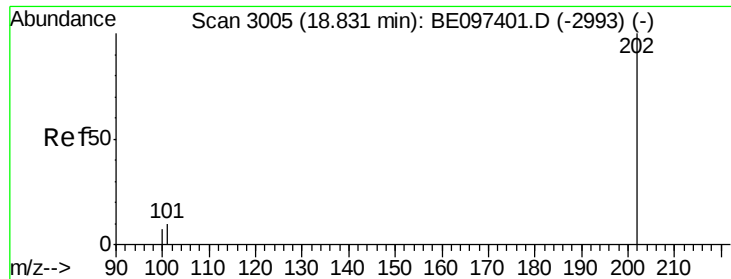


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

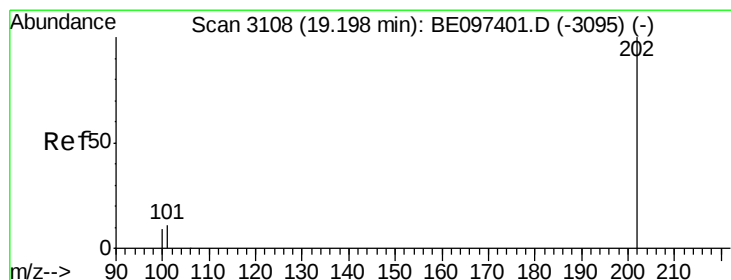
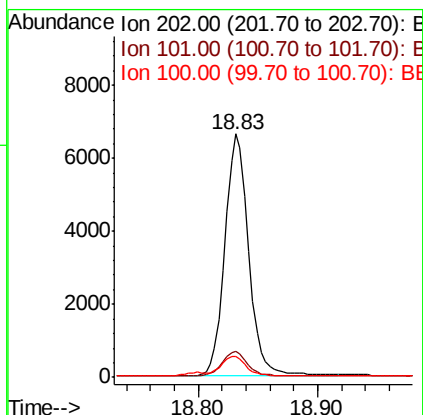
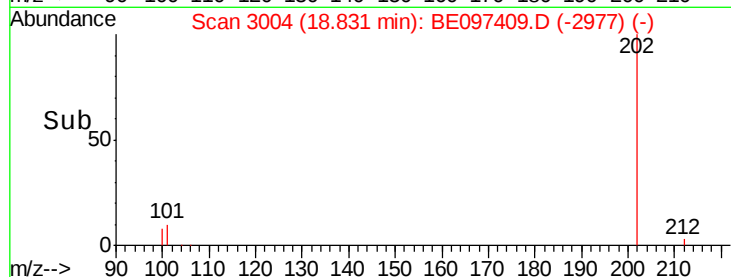
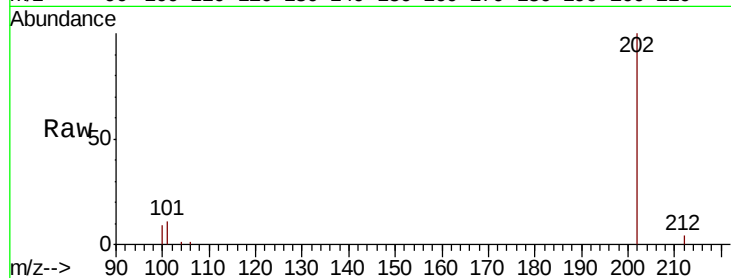




#15
Fluoranthene
Concen: 0.391 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097409.D
Acq: 5 Sep 2018 17:09

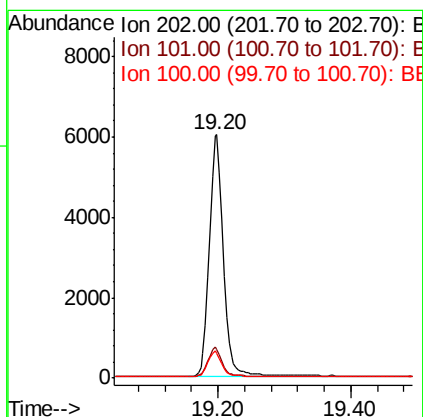
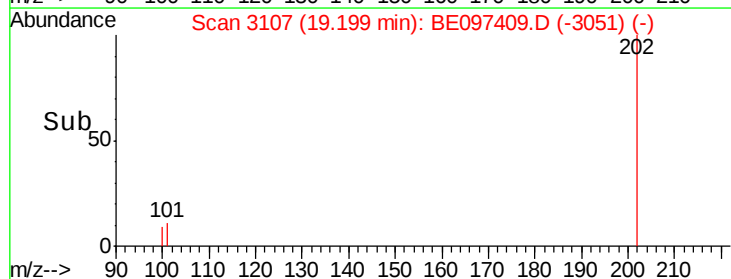
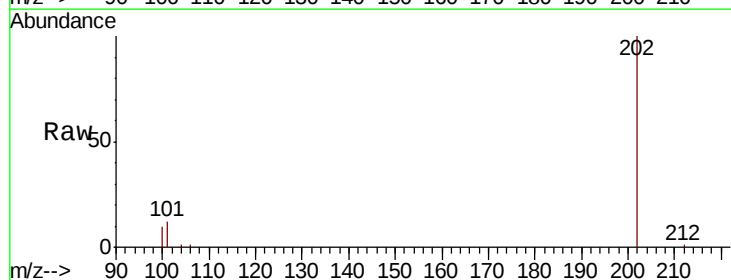
Instrument :
BNA_E
ClientSampleId :

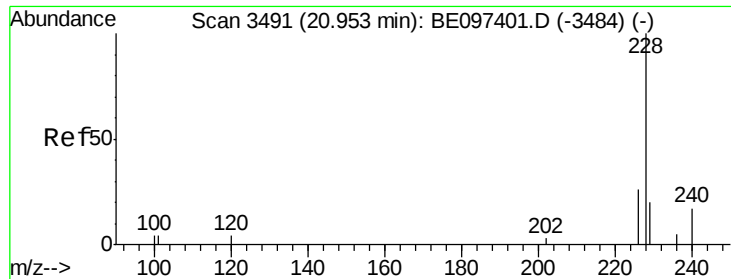
Tot Ion:202 Resp: 9097
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.3
100 8.8 0.0 39.5



#17
Pyrene
Concen: 0.416 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097409.D
Acq: 5 Sep 2018 17:09

Tgt Ion:202 Resp: 8843
Ion Ratio Lower Upper
202 100
101 11.8 18.2 27.4#
100 9.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.414 ng/ul

RT: 20.95 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampleId :

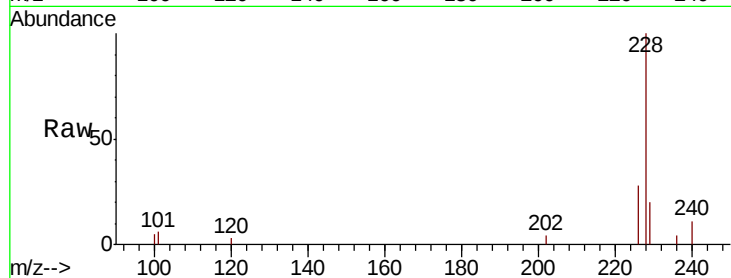
Tot Ion:228 Resp: 8399

Ion Ratio Lower Upper

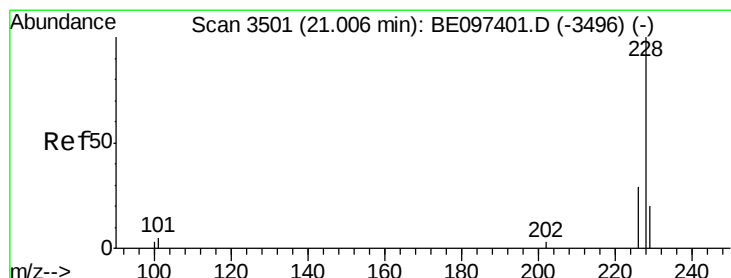
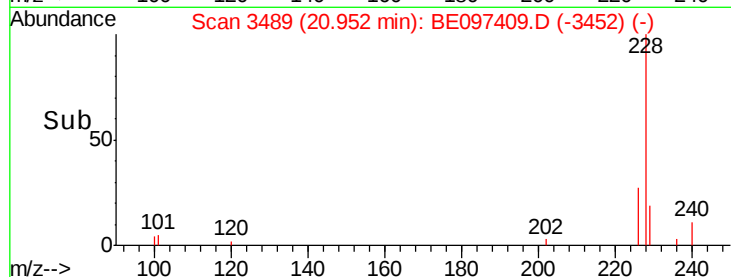
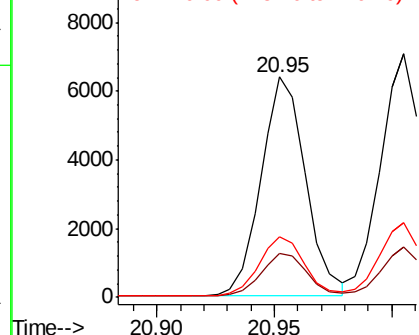
228 100

229 20.0 22.8 34.2#

226 27.6 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: 0.406 ng/ul

RT: 21.01 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

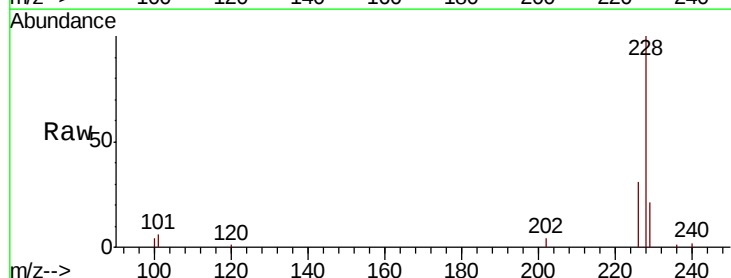
Tgt Ion:228 Resp: 9470

Ion Ratio Lower Upper

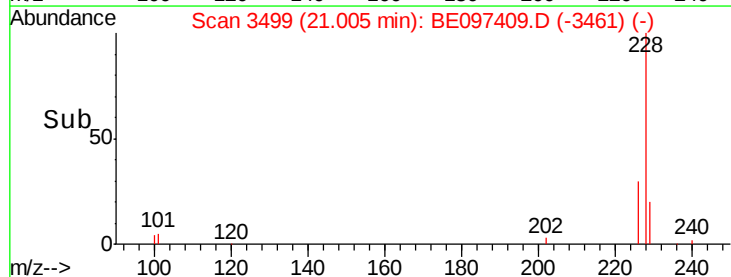
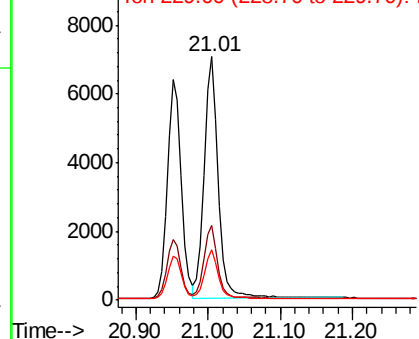
228 100

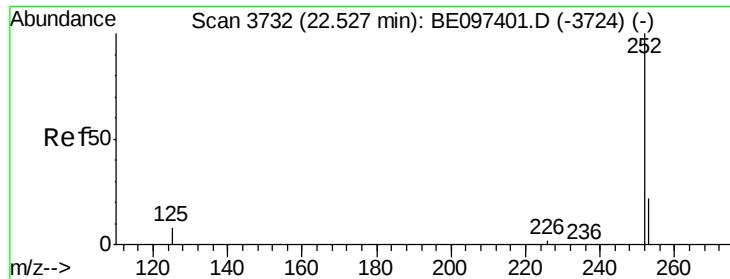
226 30.8 23.4 35.0

229 20.6 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: 0.437 ng/ul

RT: 22.53 min Scan# 3730

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampleId :

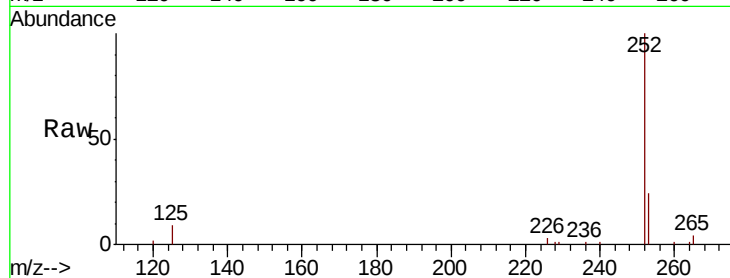
Tot Ion:252 Resp: 8463

Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

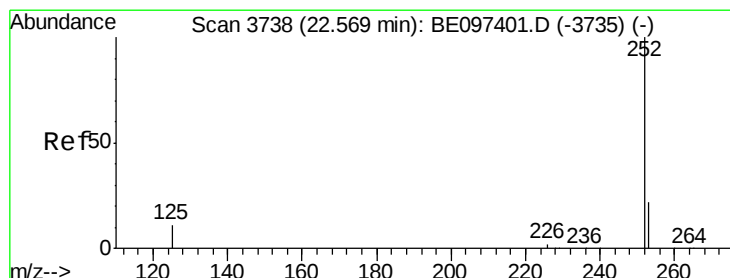
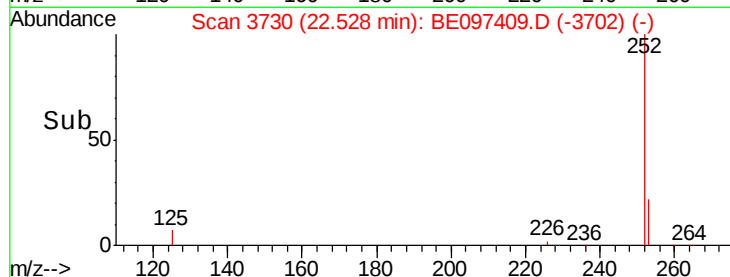
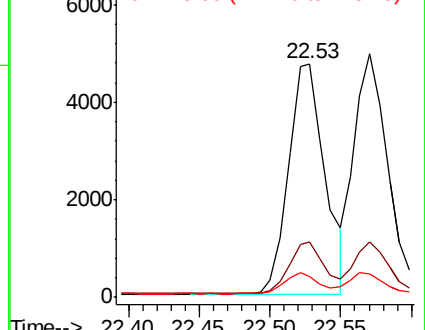
125 8.8 0.0 35.0



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: 0.389 ng/ul

RT: 22.57 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

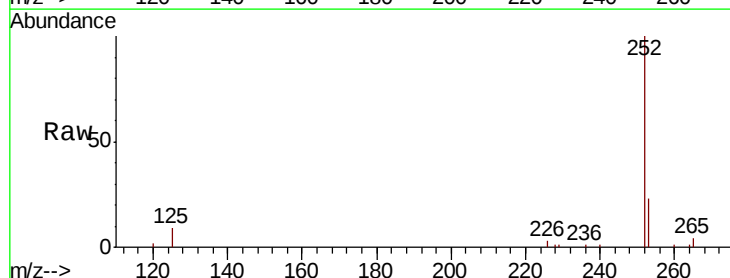
Tgt Ion:252 Resp: 8414

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

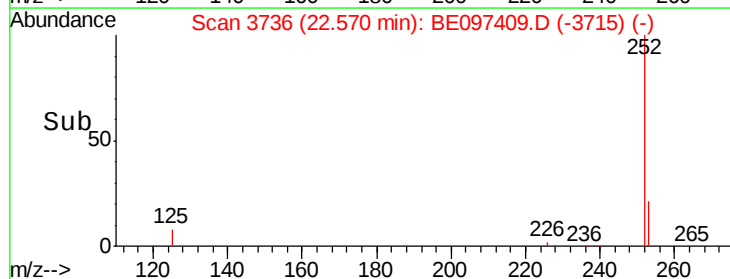
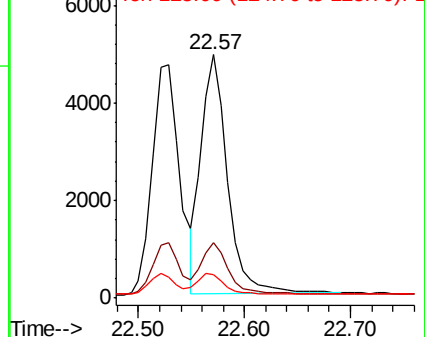
125 9.4 13.7 20.5#

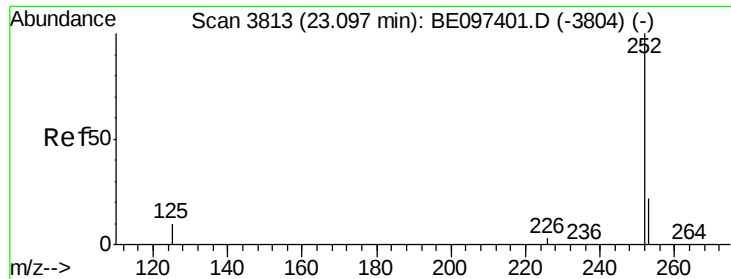


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.432 ng/ul

RT: 23.10 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

Instrument :

BNA_E

ClientSampleId :

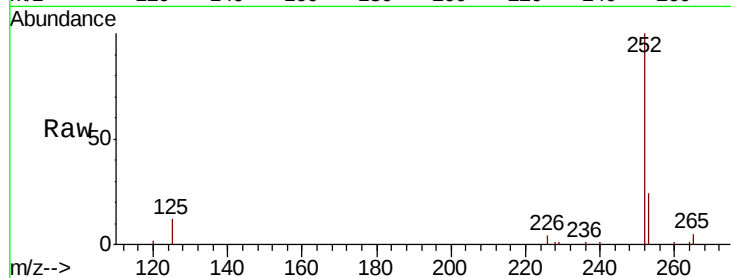
Tot Ion:252 Resp: 7736

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

125 11.5 18.1 27.1#

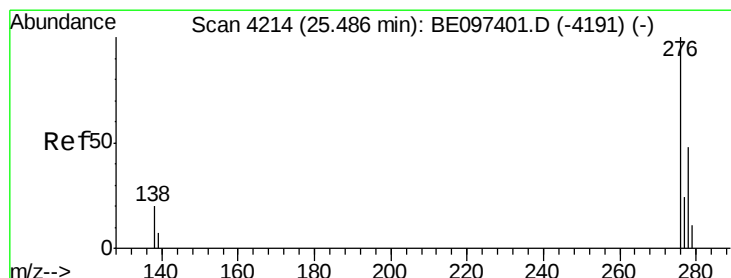
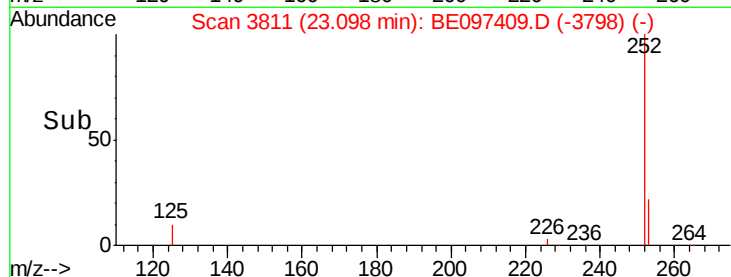
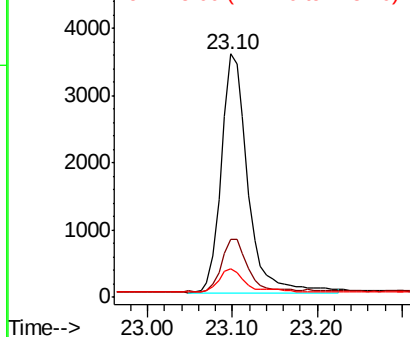


Abundance

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: 0.408 ng/ul

RT: 25.49 min Scan# 4214

Delta R.T. 0.00 min

Lab File: BE097409.D

Acq: 5 Sep 2018 17:09

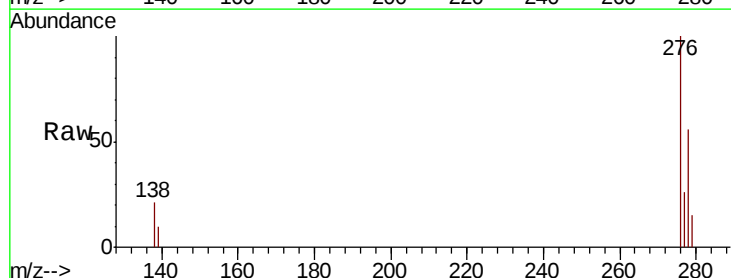
Tgt Ion:276 Resp: 9482

Ion Ratio Lower Upper

276 100

138 21.0 28.0 42.0#

227 0.0 8.0 12.0#

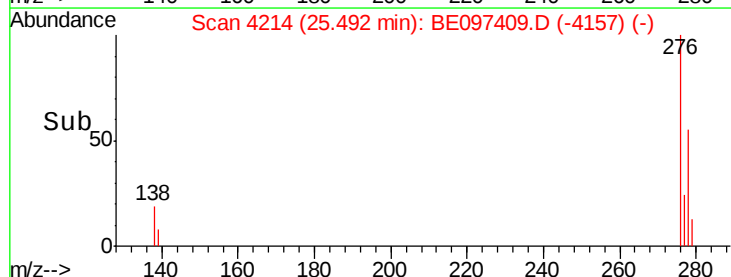
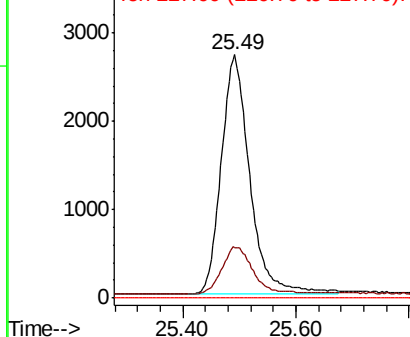


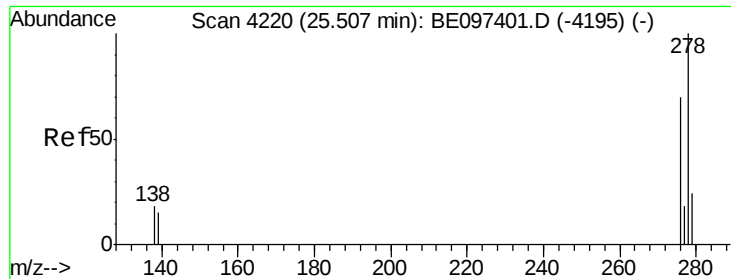
Abundance

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

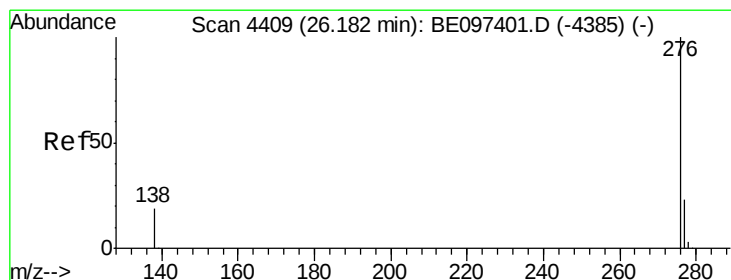
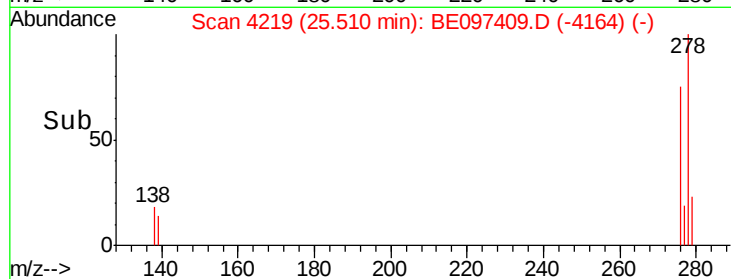
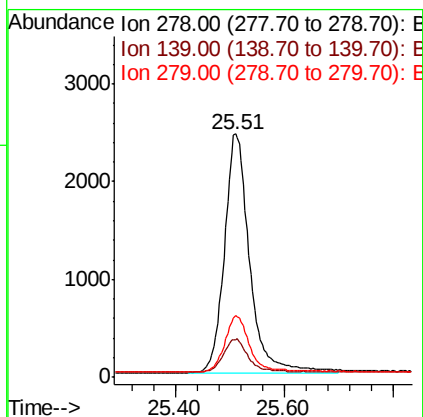
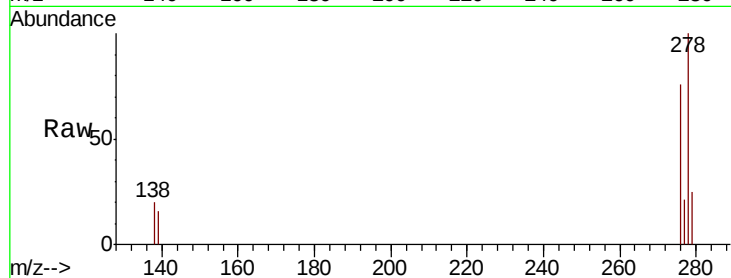




#25
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097409.D
Acq: 5 Sep 2018 17:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7855
Ion Ratio Lower Upper
278 100
139 15.7 17.4 26.0#
279 25.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.18 min Scan# 4408
Delta R.T. -0.01 min
Lab File: BE097409.D
Acq: 5 Sep 2018 17:09

Tgt Ion:276 Resp: 8264
Ion Ratio Lower Upper
276 100
138 19.5 21.8 32.8#
277 25.5 20.5 30.7

