

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071118\
 Data File : BE096891.D
 Acq On : 11 Jul 2018 15:49
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 11 18:10:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 10 02:37:30 2018
 Response via : Initial Calibration

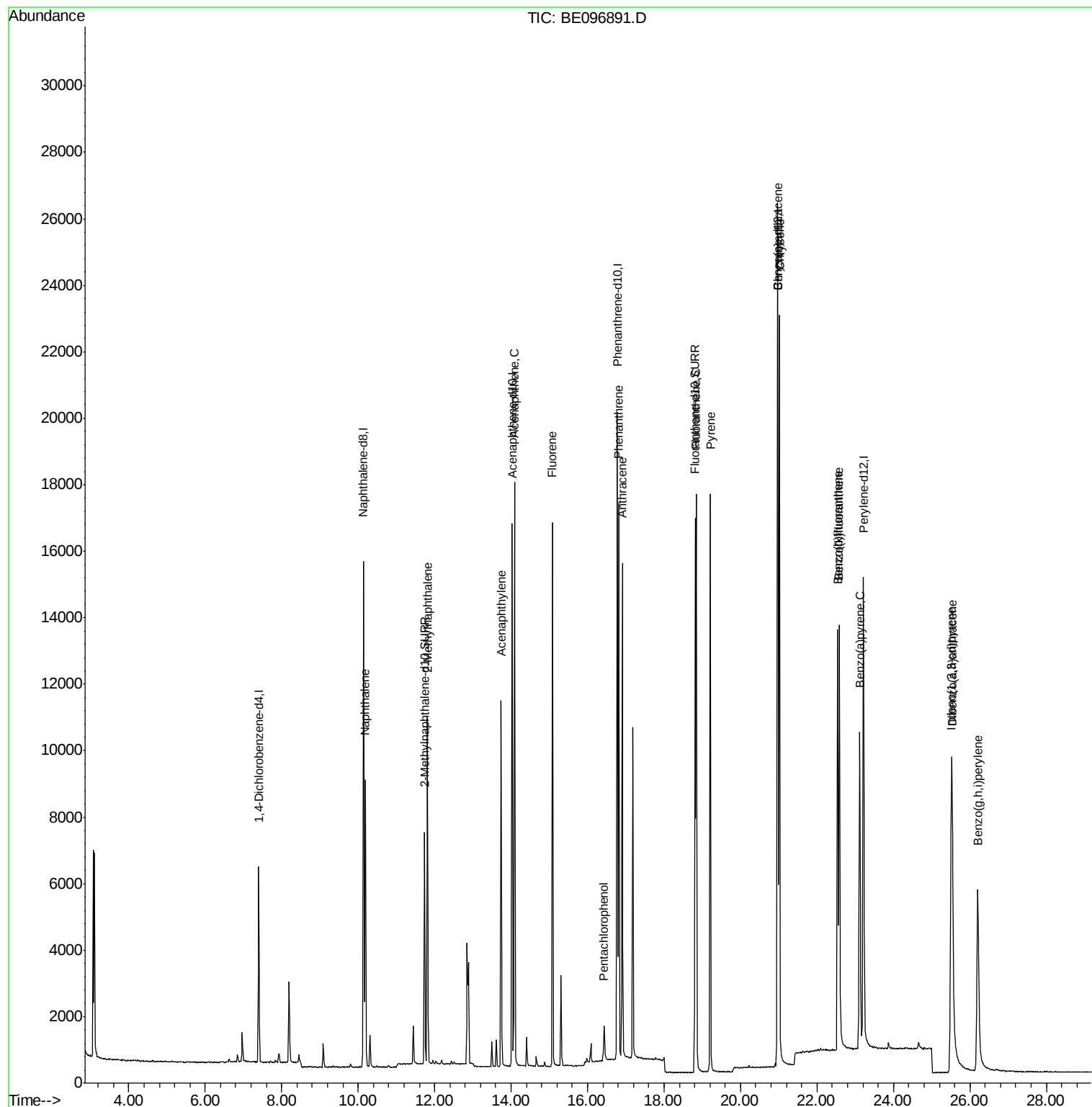
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2859	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	15823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9035	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	21766	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	18971	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	19074	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9036	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	17819	0.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	12889	0.337	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	8959	0.344	ng/ul	98
7) Acenaphthylene	13.74	152	12511	0.338	ng/ul	97
8) Acenaphthene	14.09	153	9788	0.320	ng/ul	96
9) Fluorene	15.08	166	10124	0.321	ng/ul#	92
11) Pentachlorophenol	16.44	266	615	0.432	ng/ul	96
12) Phenanthrene	16.82	178	17972	0.320	ng/ul#	89
13) Anthracene	16.91	178	16091	0.338	ng/ul#	92
15) Fluoranthene	18.85	202	19438	0.325	ng/ul	84
17) Pyrene	19.21	202	19189	0.308	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	16189	0.362	ng/ul#	84
19) Chrysene	21.02	228	18256	0.315	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	16436	0.316	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	16972	0.299	ng/ul#	85
23) Benzo(a)pyrene	23.12	252	14785	0.336	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	16595	0.363	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.54	278	13648	0.376	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	14548	0.328	ng/ul#	94

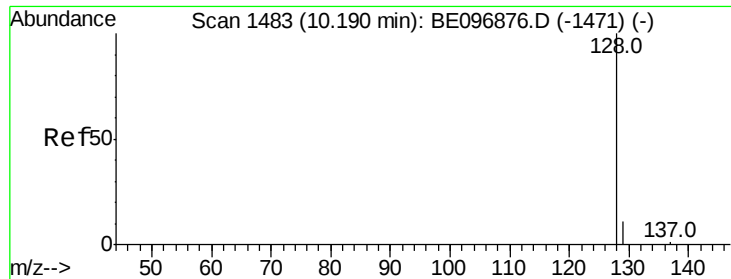
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.337 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

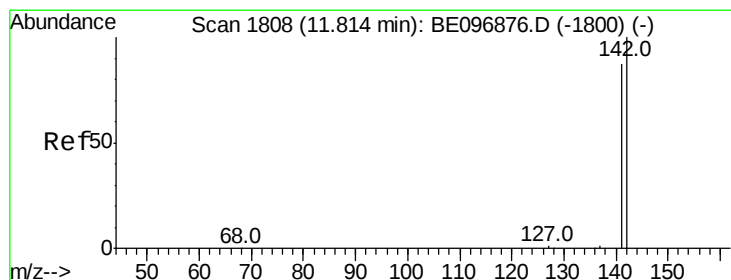
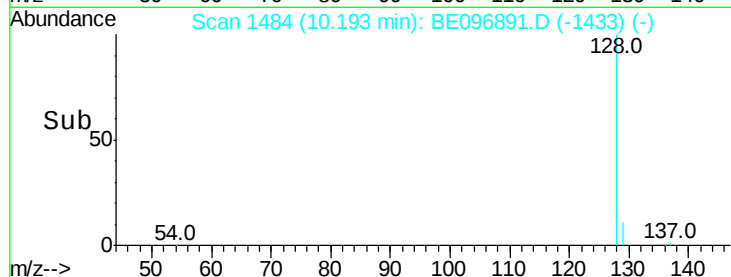
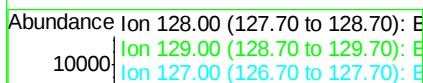
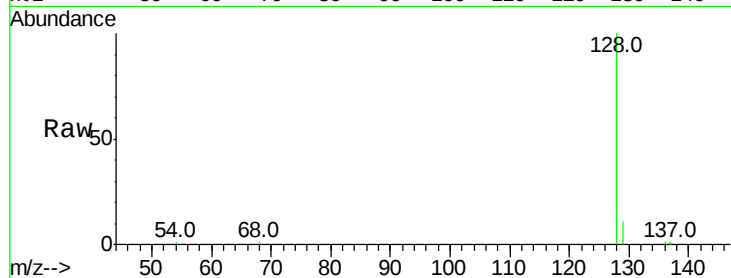
Tot Ion:128 Resp: 12889

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.344 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BE096891.D

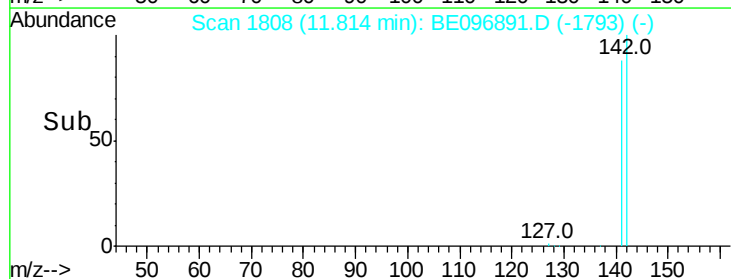
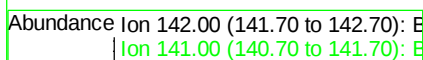
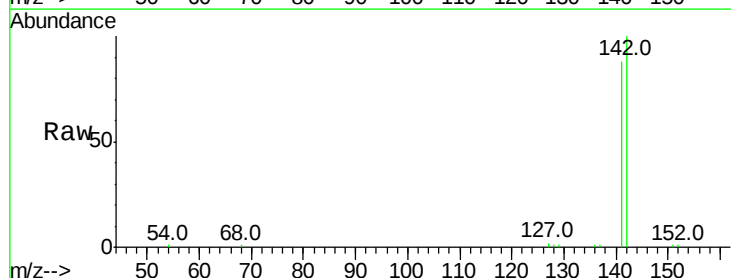
Acq: 11 Jul 2018 15:49

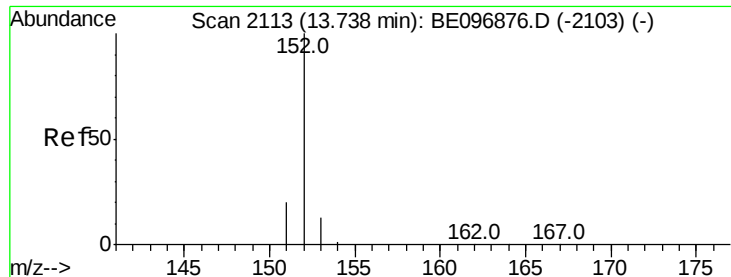
Tgt Ion:142 Resp: 8959

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.338 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

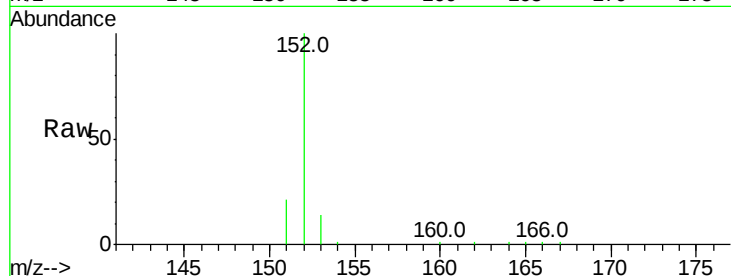
Tot Ion:152 Resp: 12511

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

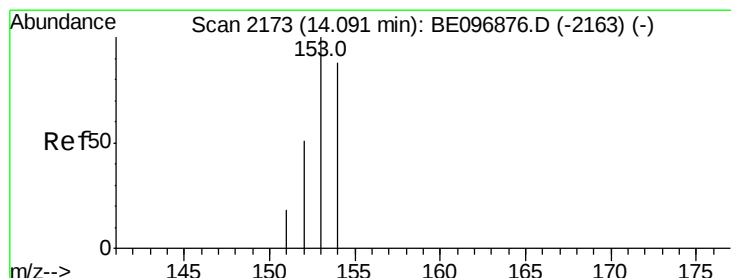
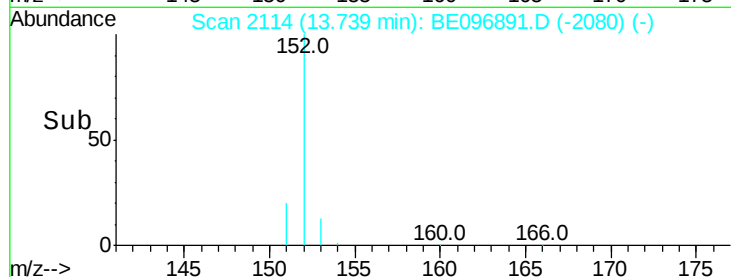
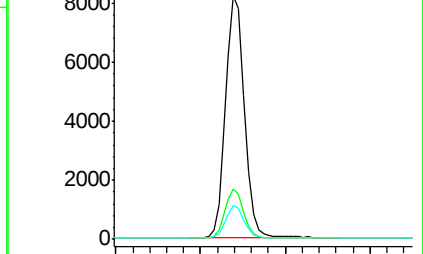
153 13.6 12.8 19.2



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: 0.320 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

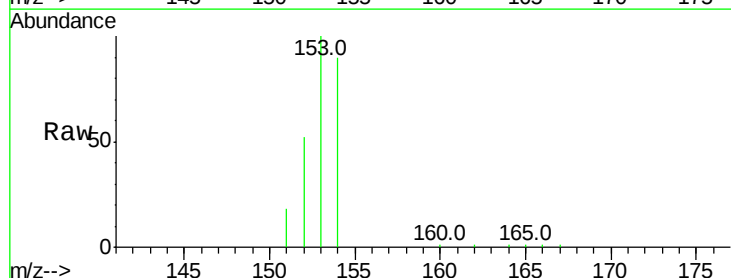
Tgt Ion:153 Resp: 9788

Ion Ratio Lower Upper

153 100

152 51.8 36.0 54.0

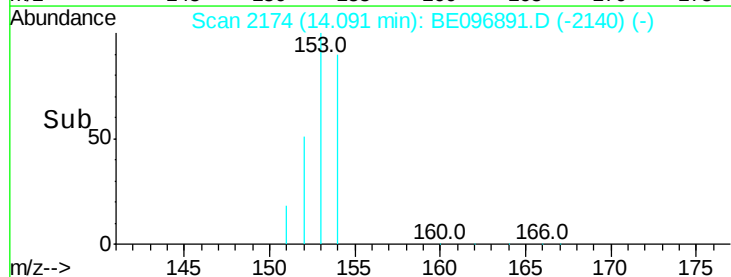
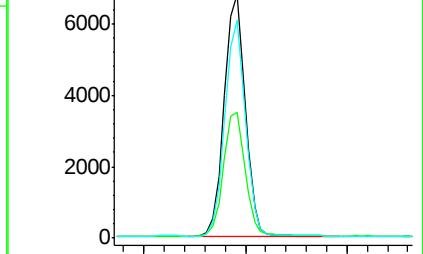
154 89.6 72.0 108.0

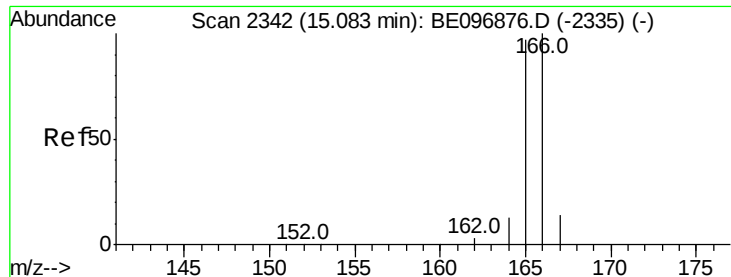


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

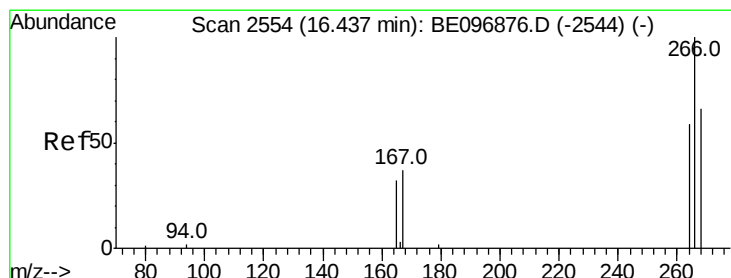
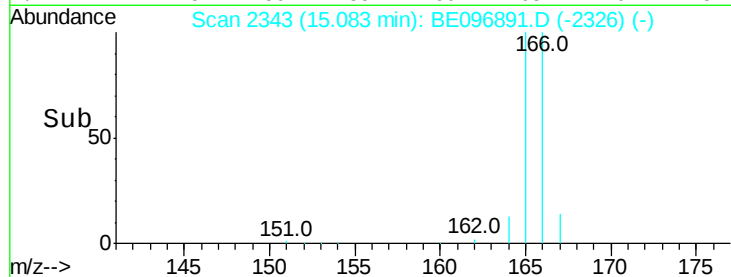
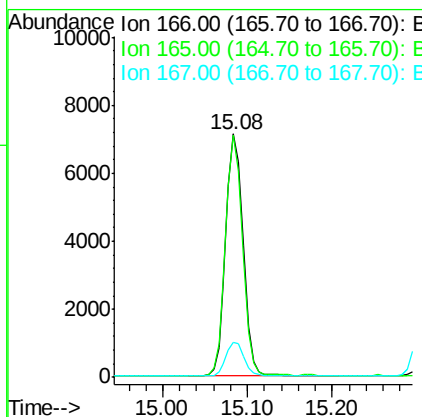
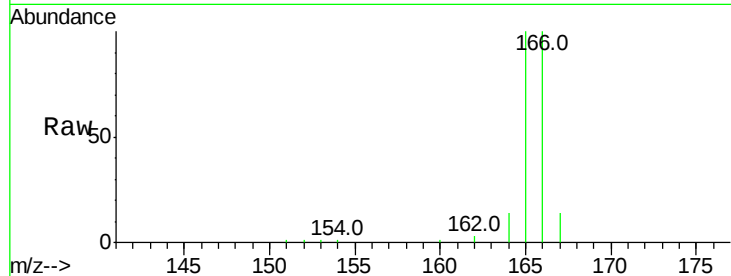




#9
Fluorene
 Concen: 0.321 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BE096891.D
 Acq: 11 Jul 2018 15:49

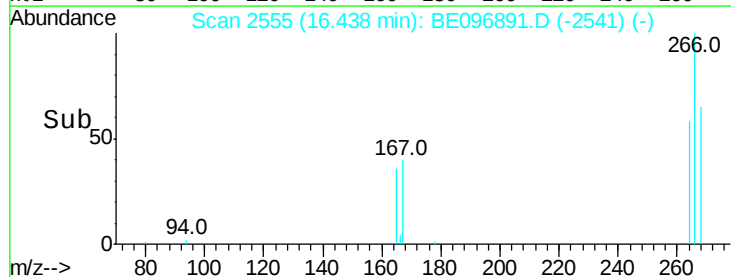
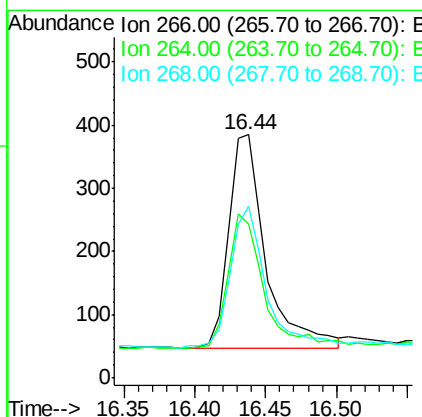
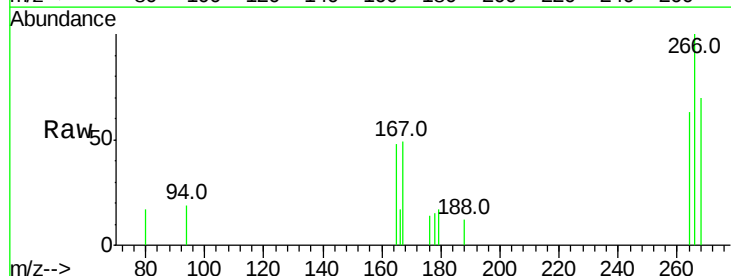
Instrument :
 BNA_E
 ClientSampleId :

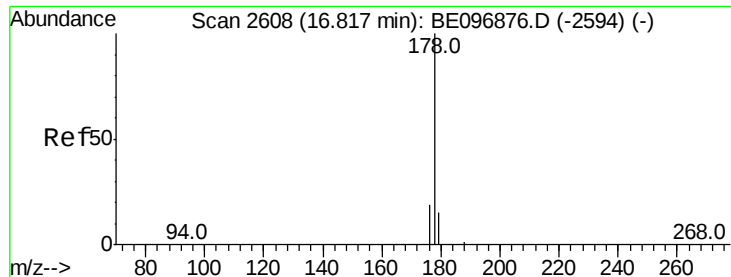
Tot Ion:166 Resp: 10124
 Ion Ratio Lower Upper
 166 100
 165 99.7 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.432 ng/ul
 RT: 16.44 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BE096891.D
 Acq: 11 Jul 2018 15:49

Tgt Ion:266 Resp: 615
 Ion Ratio Lower Upper
 266 100
 264 62.8 47.9 71.9
 268 65.2 49.8 74.8





#12

Phenanthrene

Concen: 0.320 ng/ul

RT: 16.82 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

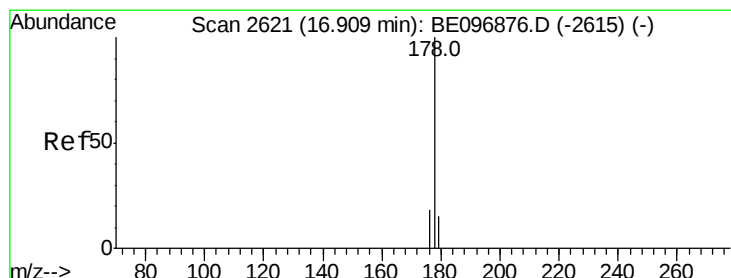
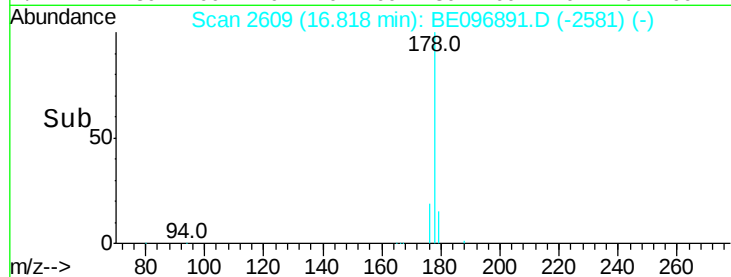
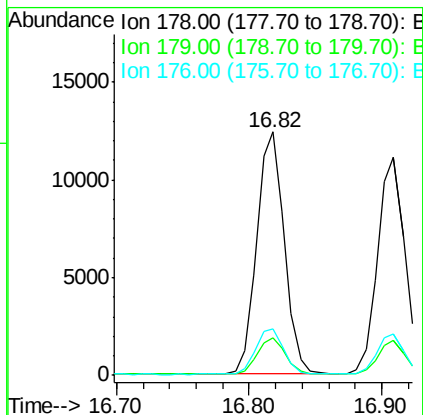
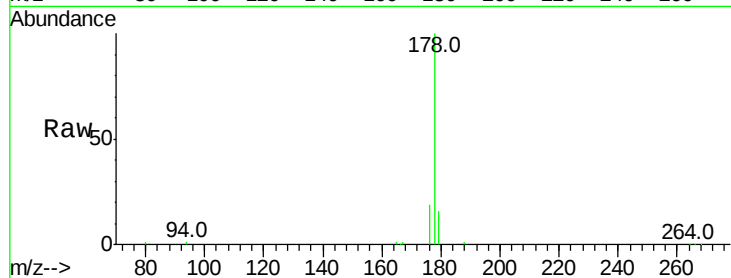
Tot Ion:178 Resp: 17972

Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 19.3 13.6 20.4



#13

Anthracene

Concen: 0.338 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

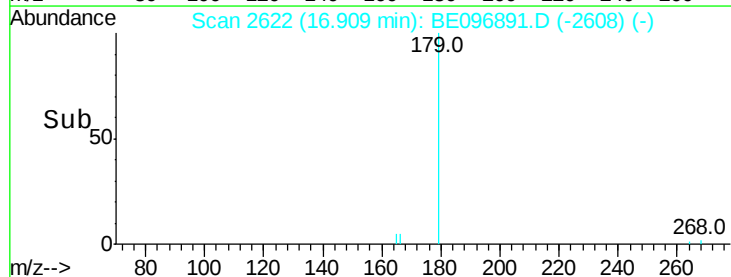
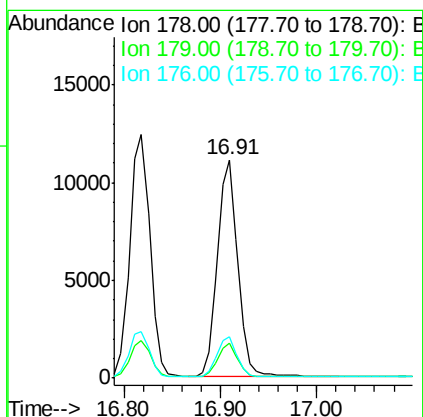
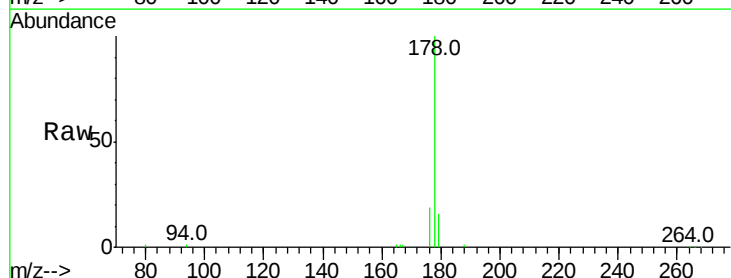
Tgt Ion:178 Resp: 16091

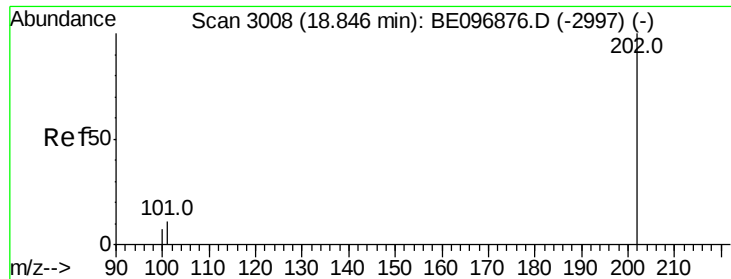
Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

176 19.1 14.7 22.1

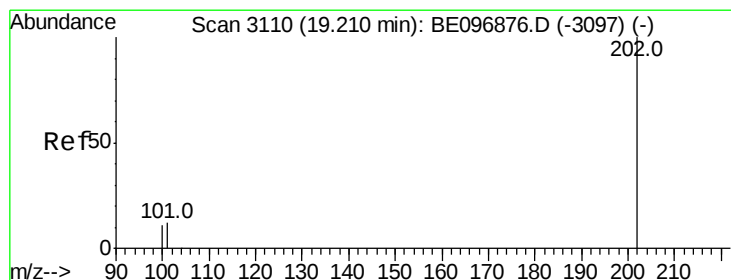
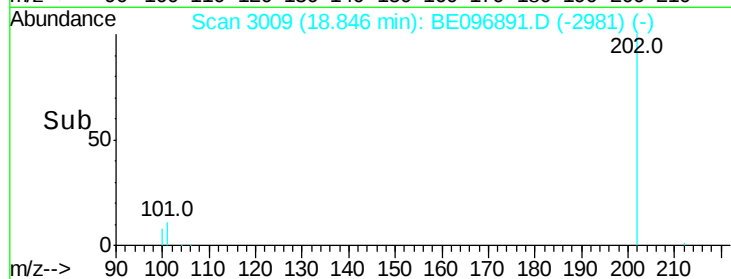
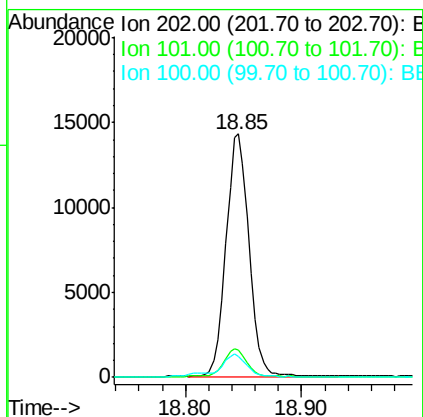
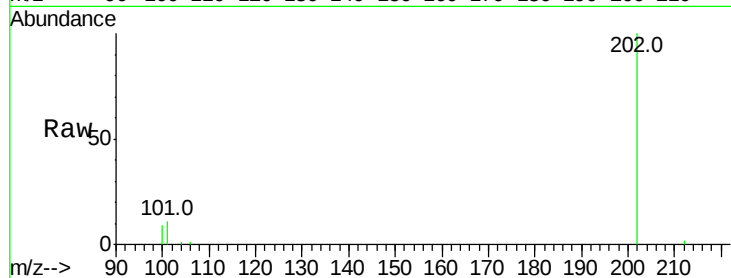




#15
Fluoranthene
Concen: 0.325 ng/ul
RT: 18.85 min Scan# 3009
Delta R.T. -0.00 min
Lab File: BE096891.D
Acq: 11 Jul 2018 15:49

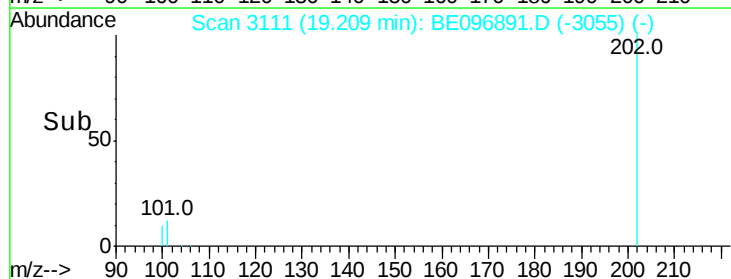
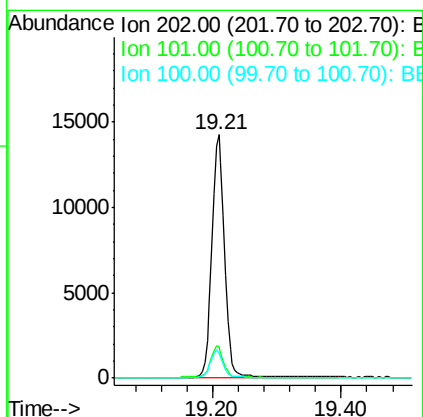
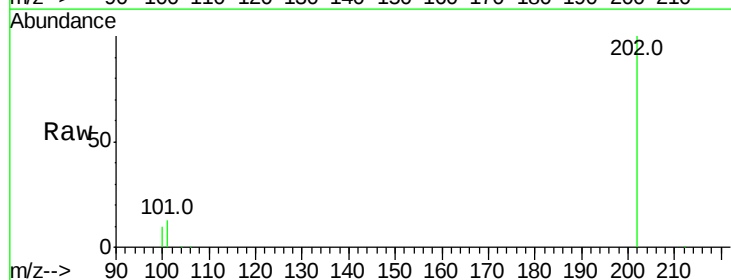
Instrument :
BNA_E
ClientSampleId :

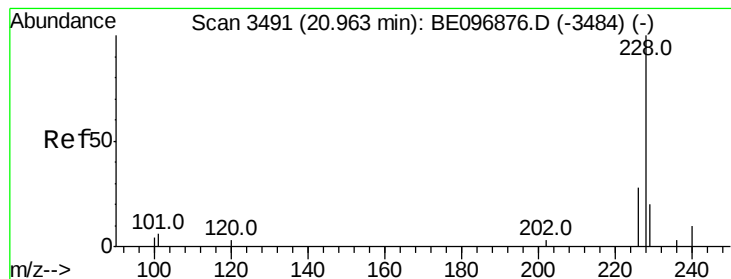
Tot Ion:202 Resp: 19438
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.3
100 8.7 0.0 39.5



#17
Pyrene
Concen: 0.308 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BE096891.D
Acq: 11 Jul 2018 15:49

Tgt Ion:202 Resp: 19189
Ion Ratio Lower Upper
202 100
101 12.7 18.2 27.4#
100 10.3 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.362 ng/ul

RT: 20.96 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

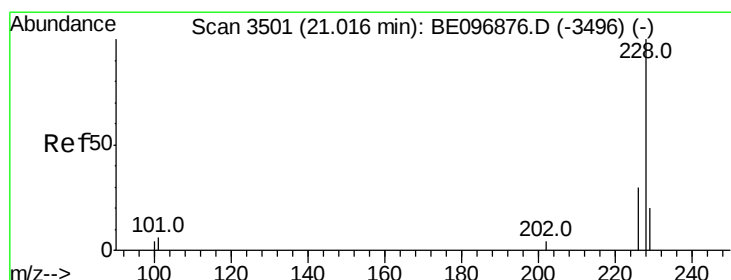
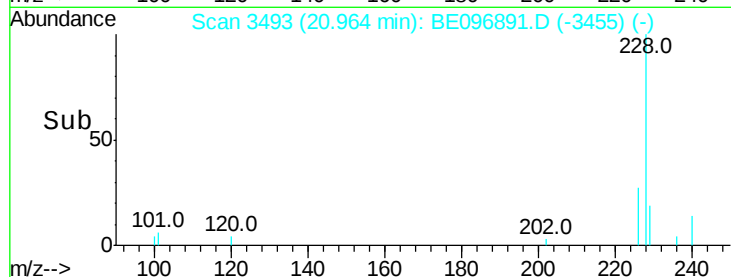
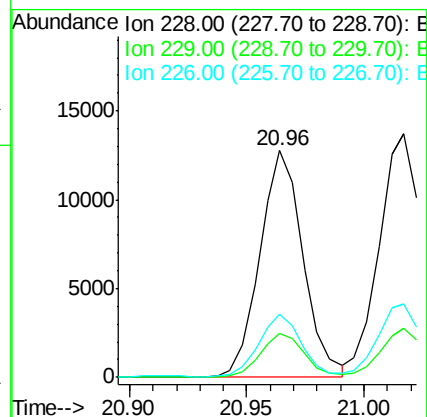
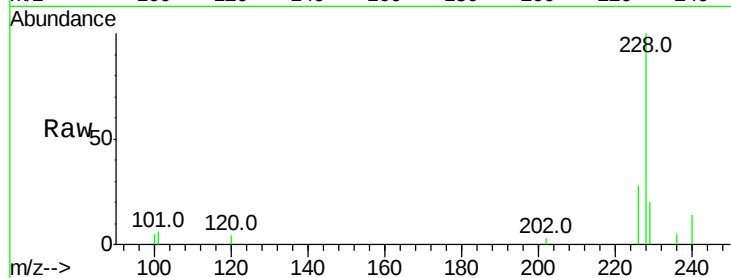
Tot Ion:228 Resp: 16189

Ion Ratio Lower Upper

228 100

229 19.5 22.8 34.2#

226 27.7 17.0 25.6#



#19

Chrysene

Concen: 0.315 ng/ul

RT: 21.02 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

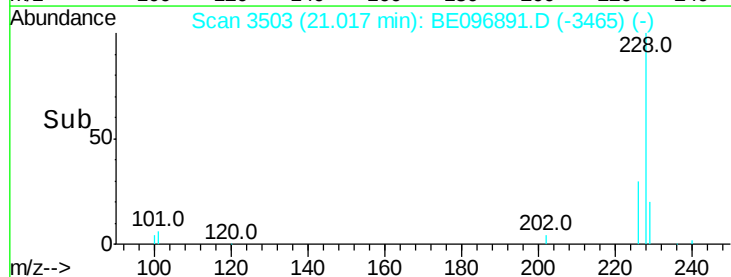
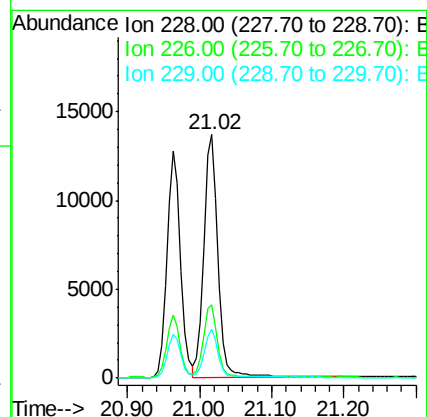
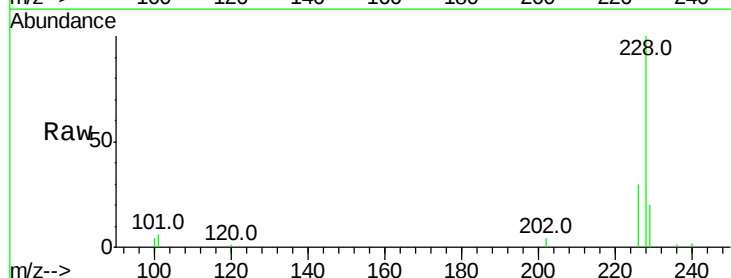
Tgt Ion:228 Resp: 18256

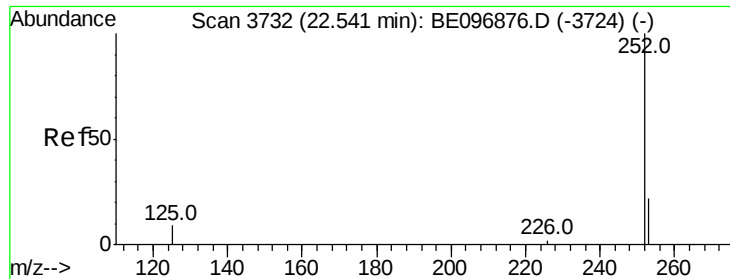
Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 20.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.316 ng/ul

RT: 22.54 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

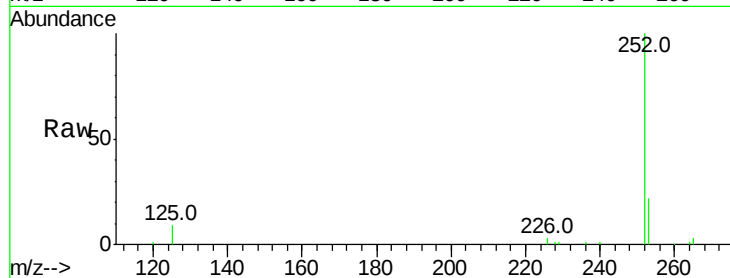
Tot Ion:252 Resp: 16436

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

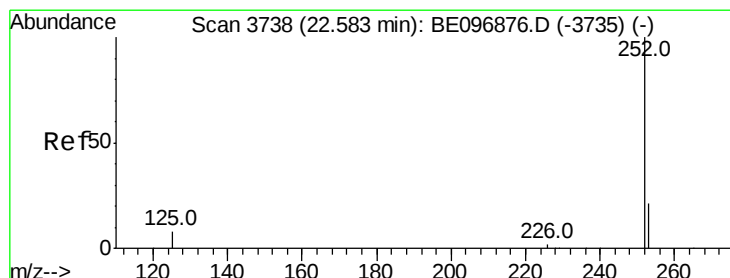
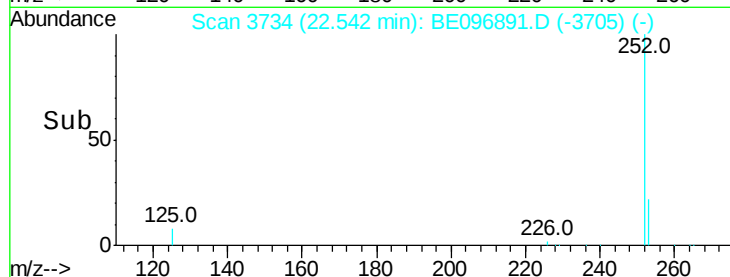
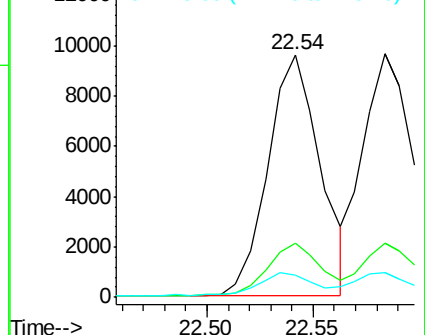
125 9.2 0.0 35.0



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: 0.299 ng/ul

RT: 22.58 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

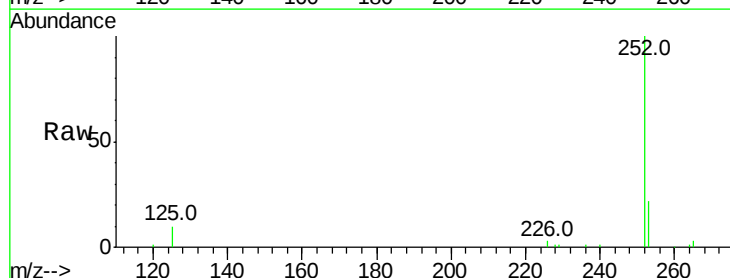
Tgt Ion:252 Resp: 16972

Ion Ratio Lower Upper

252 100

253 22.5 24.5 36.7#

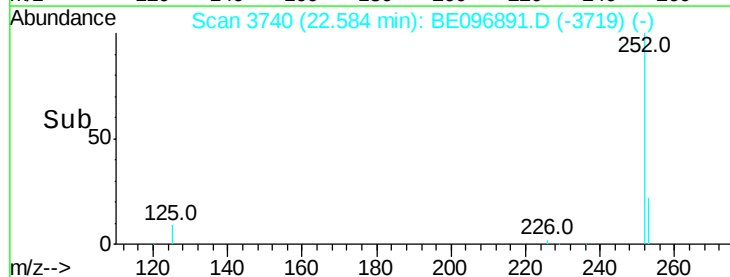
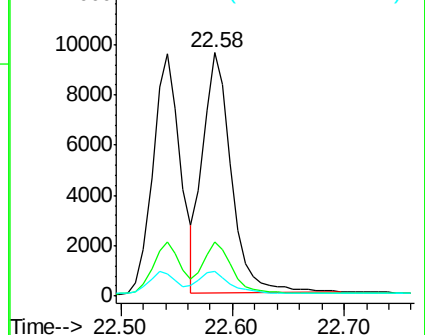
125 10.0 13.7 20.5#

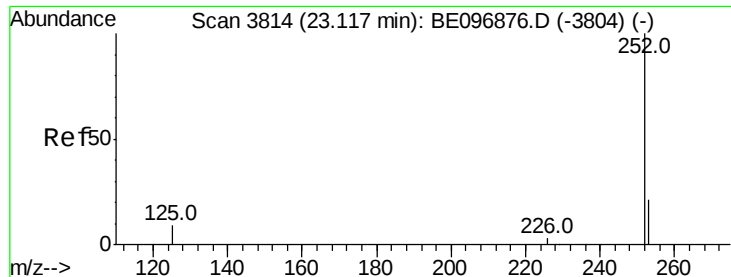


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.336 ng/ul

RT: 23.12 min Scan# 3816

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

Instrument :

BNA_E

ClientSampleId :

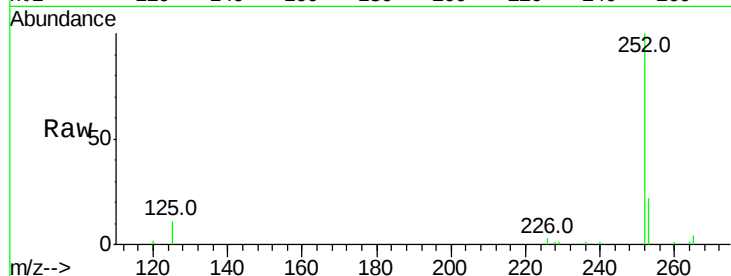
Tot Ion:252 Resp: 14785

Ion Ratio Lower Upper

252 100

253 22.3 28.5 42.7#

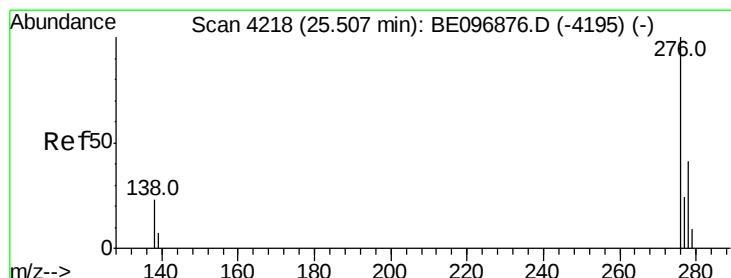
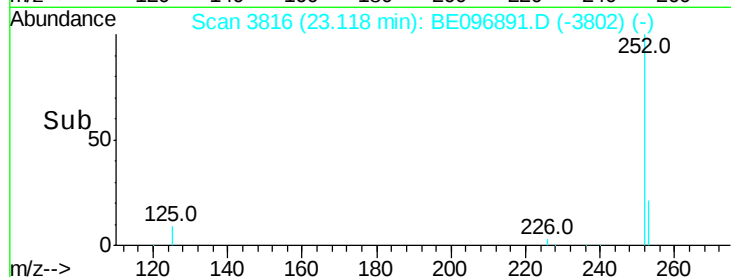
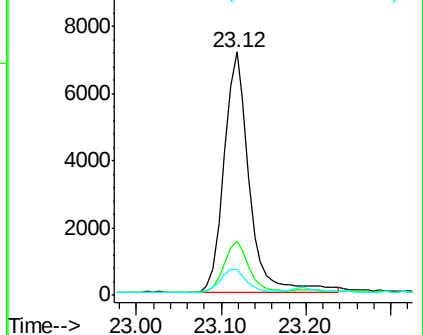
125 10.6 18.1 27.1#



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: 0.363 ng/ul

RT: 25.51 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BE096891.D

Acq: 11 Jul 2018 15:49

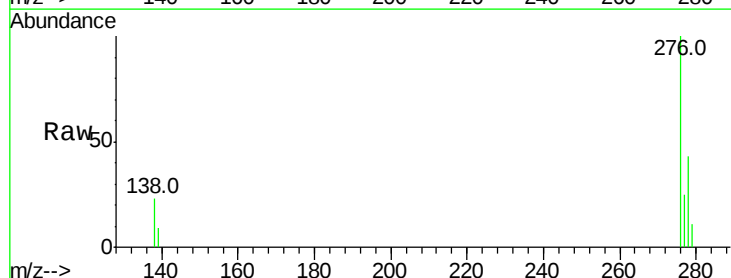
Tgt Ion:276 Resp: 16595

Ion Ratio Lower Upper

276 100

138 24.2 28.0 42.0#

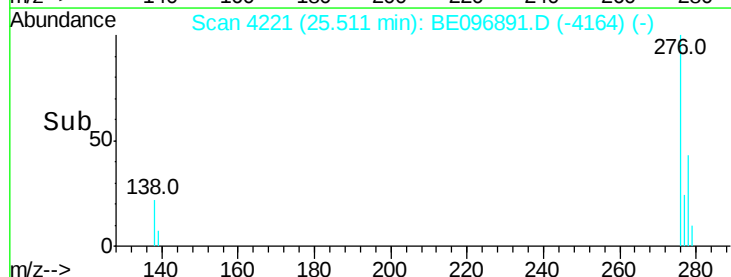
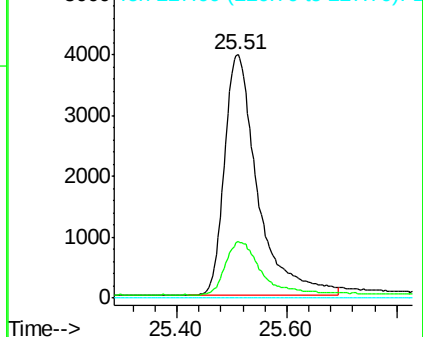
227 0.0 8.0 12.0#

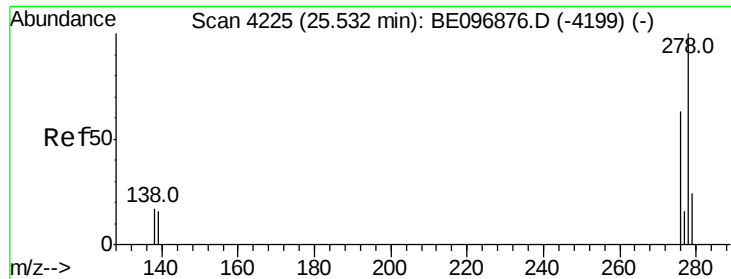


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

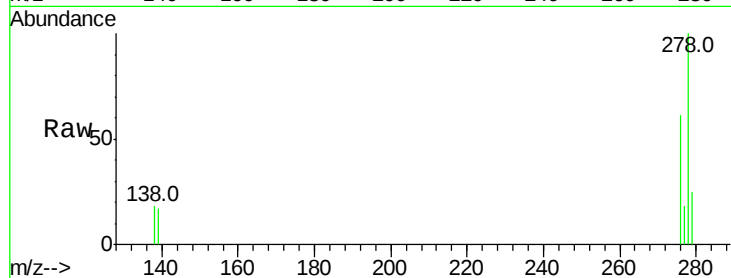




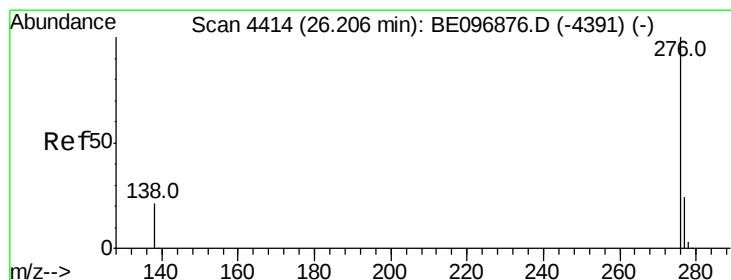
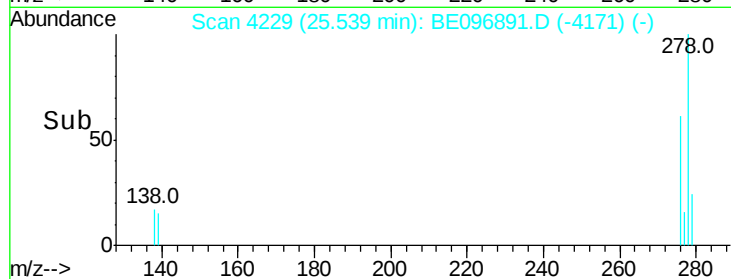
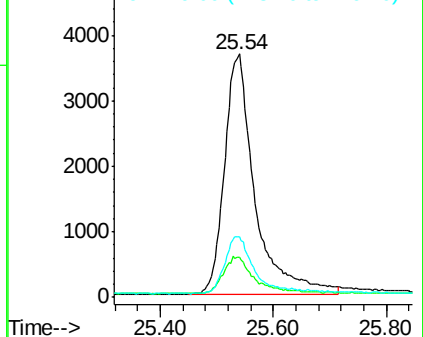
#25
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 25.54 min Scan# 4229
Delta R.T. 0.01 min
Lab File: BE096891.D
Acq: 11 Jul 2018 15:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 13648
Ion Ratio Lower Upper
278 100
139 16.7 17.4 26.0#
279 24.9 25.9 38.9#

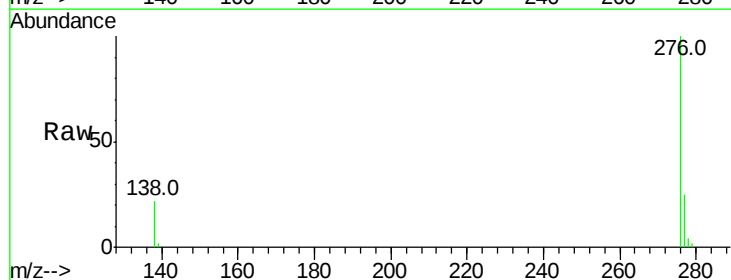


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE096891.D
Acq: 11 Jul 2018 15:49

Tgt Ion:276 Resp: 14548
Ion Ratio Lower Upper
276 100
138 21.5 21.8 32.8#
277 25.1 20.5 30.7



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

