

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094581.D
 Acq On : 27 Oct 2017 2:36
 Operator : SJ/JU
 Sample : I5719-21 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:44:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

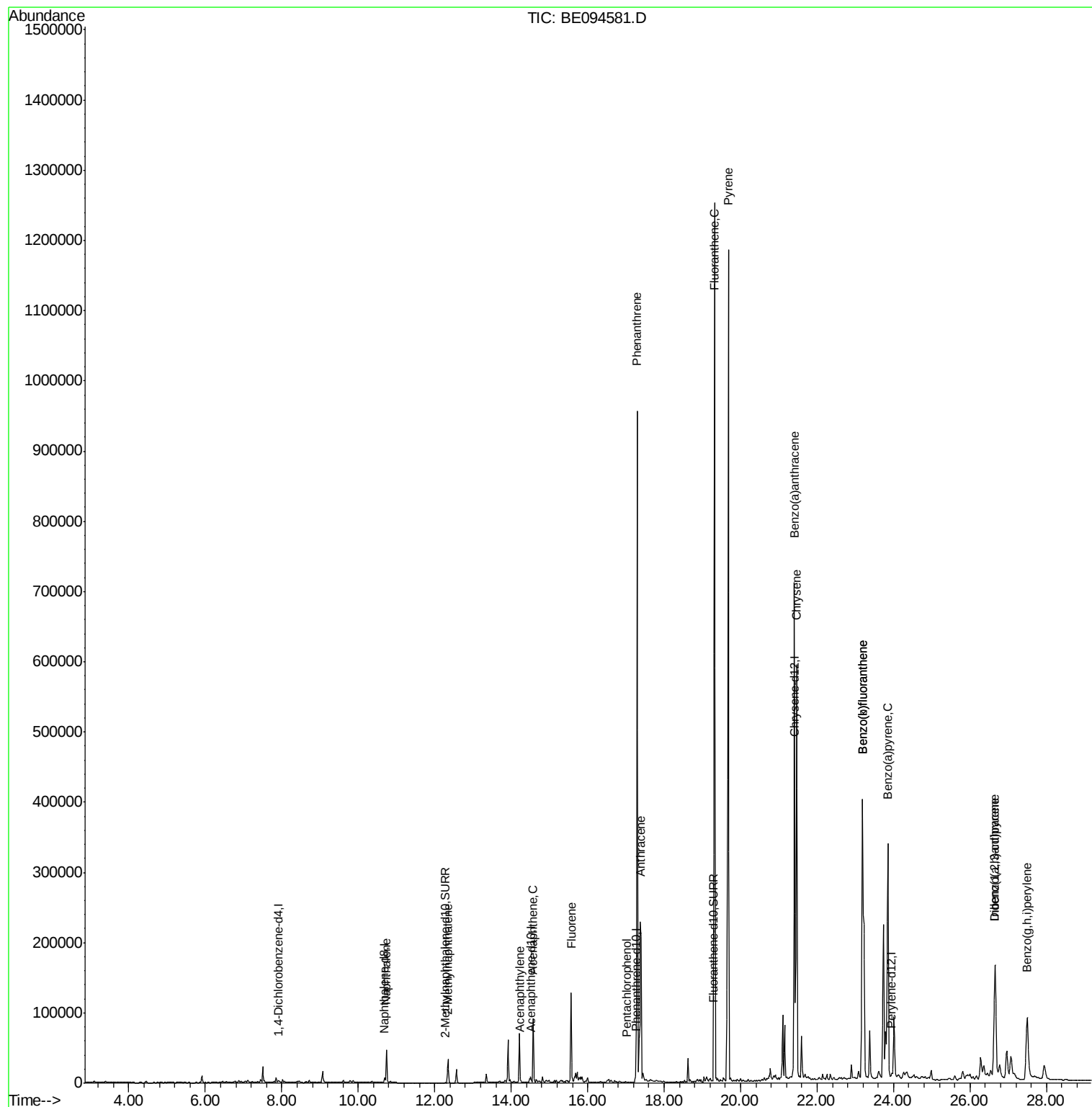
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7448	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4507	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9668	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9459	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	633	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1475	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	75387	4.140	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	29736	2.334	ng/ul	98
7) Acenaphthylene	14.24	152	3735	0.183	ng/ul#	75
8) Acenaphthene	14.57	153	56595	3.863	ng/ul	96
9) Fluorene	15.57	166	83186	5.057	ng/ul#	95
11) Pentachlorophenol	17.01	266	17	0.035	ng/ul#	55
12) Phenanthrene	17.29	178	1209201	47.352	ng/ul#	86
13) Anthracene	17.38	178	354516	14.068	ng/ul#	87
15) Fluoranthene	19.32	202	1474908	49.958	ng/ul	84
17) Pyrene	19.68	202	1319644	45.128	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	665402	24.607	ng/ul#	86
19) Chrysene	21.46	228	619024	22.148	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	991175	35.152	ng/ul	84
22) Benzo(k)fluoranthene	23.19	252	991175	32.802	ng/ul#	86
23) Benzo(a)pyrene	23.85	252	523966	18.590	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.66	276	326293	11.188	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	83149	3.383	ng/ul	94
26) Benzo(g,h,i)perylene	27.50	276	257705	11.004	ng/ul	96

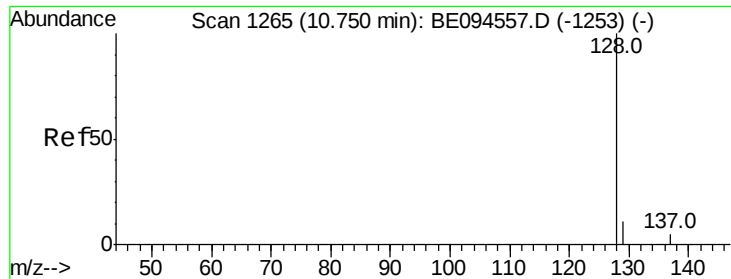
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.140 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

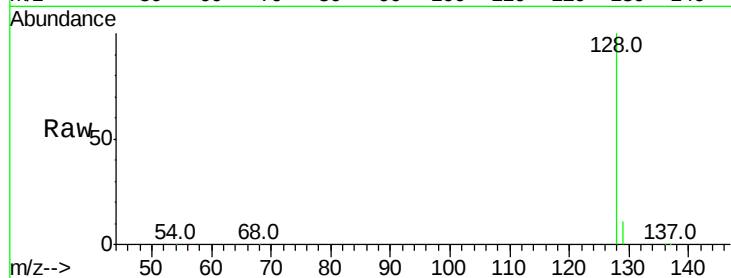
Tot Ion:128 Resp: 75387

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

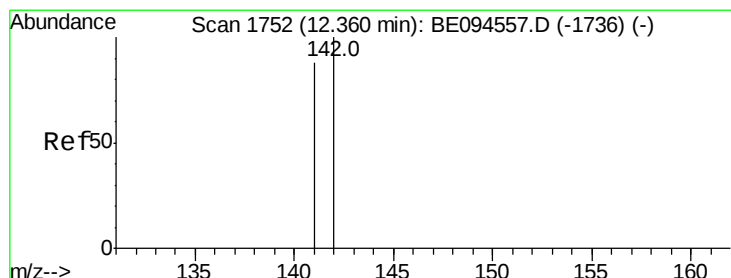
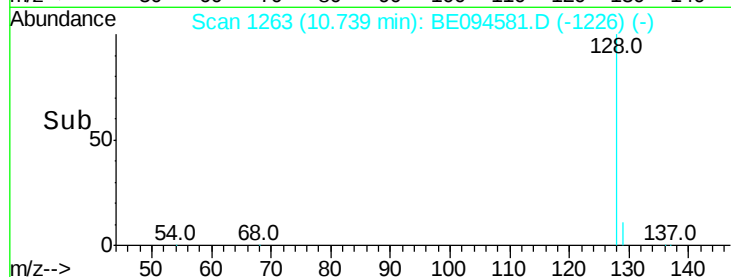
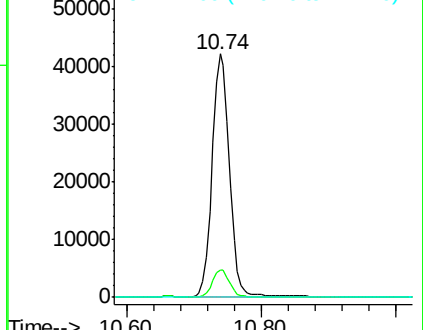
127 0.0 4.0 6.0#



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: 2.334 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094581.D

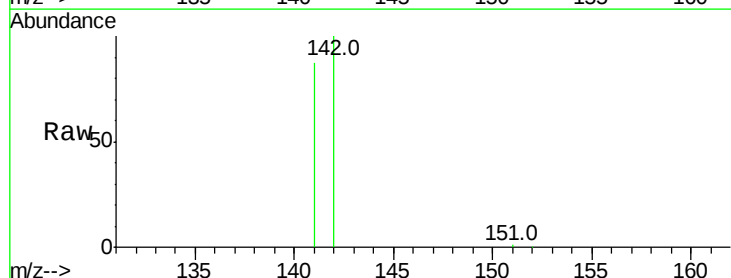
Acq: 27 Oct 2017 2:36

Tgt Ion:142 Resp: 29736

Ion Ratio Lower Upper

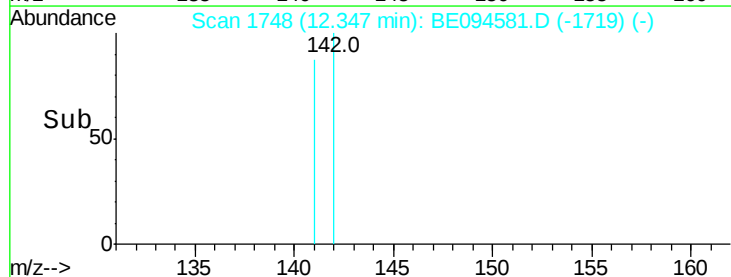
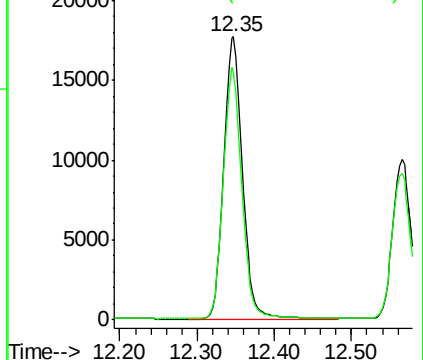
142 100

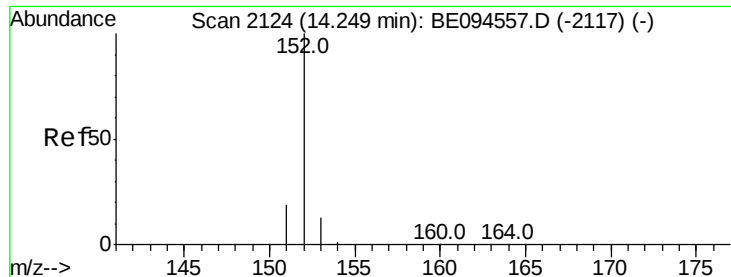
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

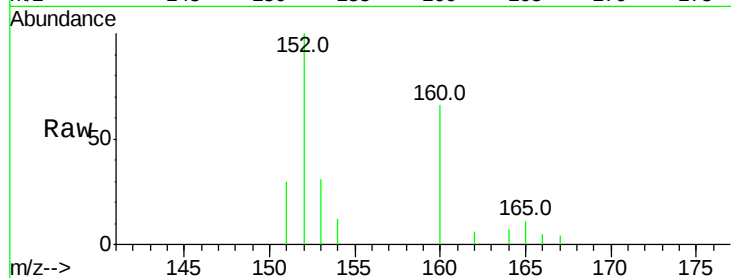
Tot Ion:152 Resp: 3735

Ion Ratio Lower Upper

152 100

151 30.0 17.1 25.7#

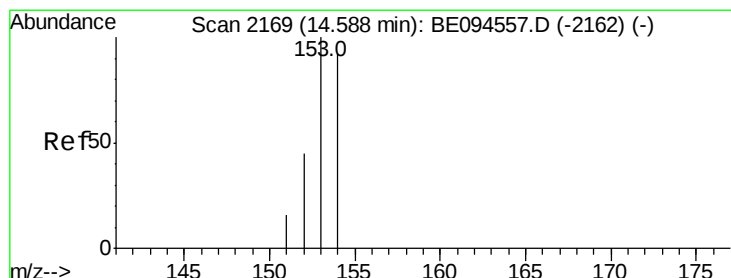
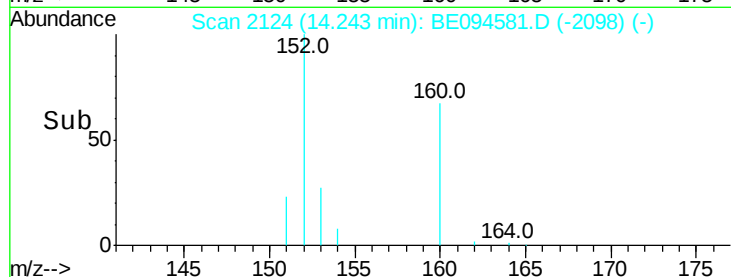
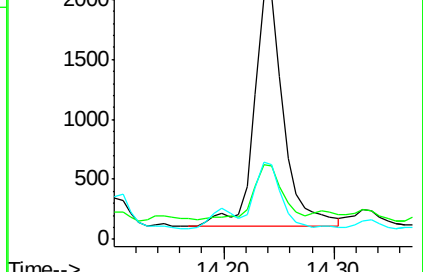
153 30.6 12.8 19.2#



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: 3.863 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

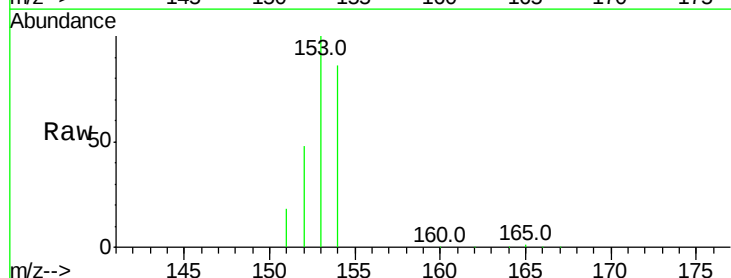
Tgt Ion:153 Resp: 56595

Ion Ratio Lower Upper

153 100

152 47.7 36.0 54.0

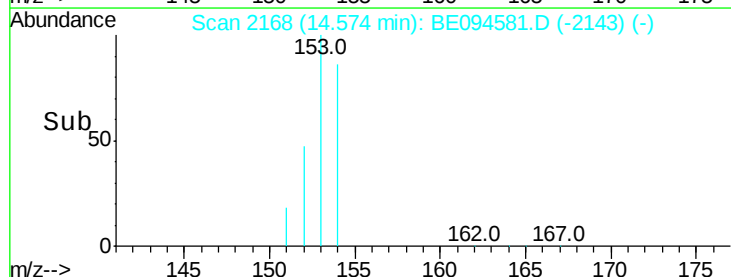
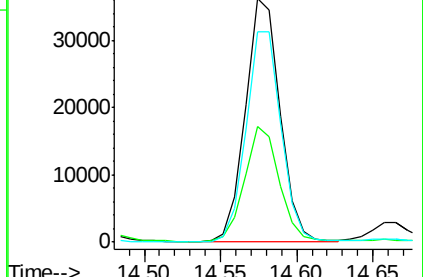
154 86.5 72.0 108.0

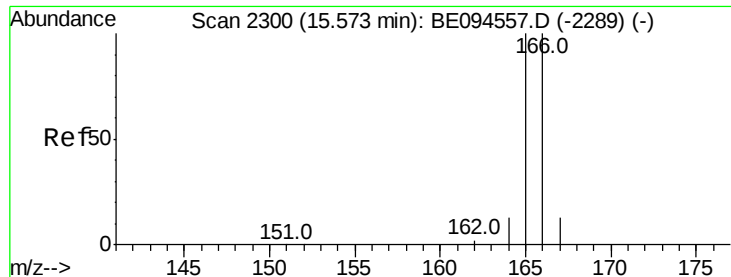


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

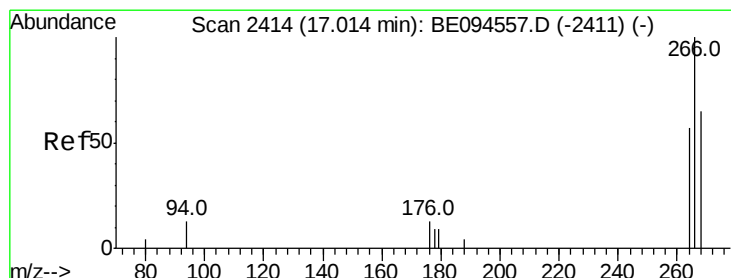
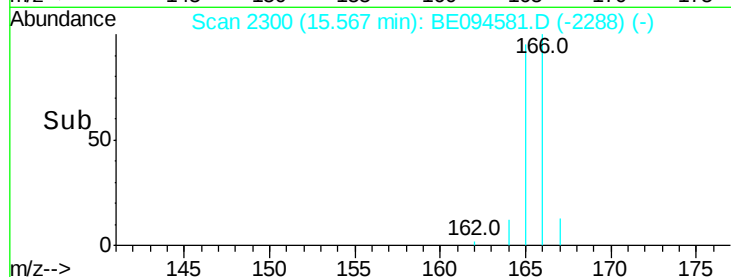
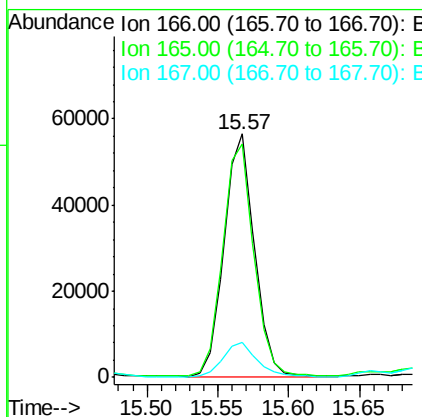
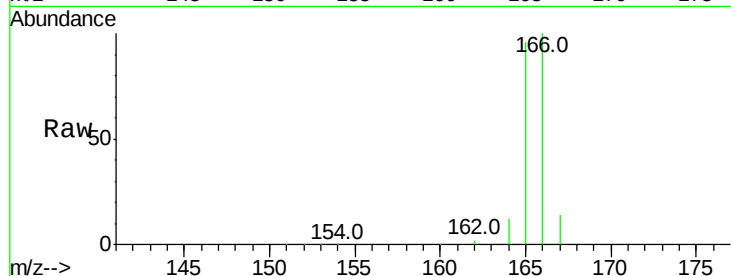




#9
Fluorene
 Concen: 5.057 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

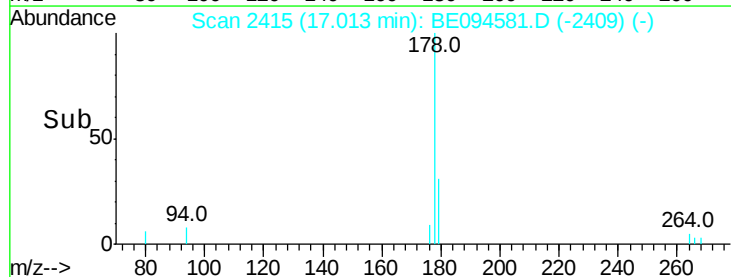
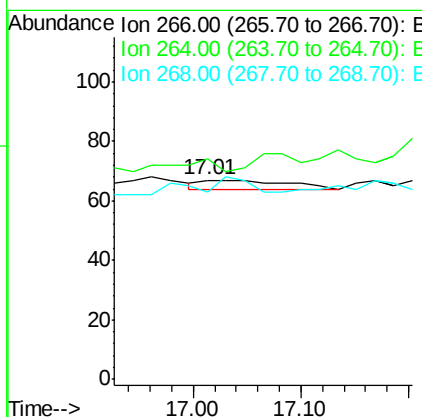
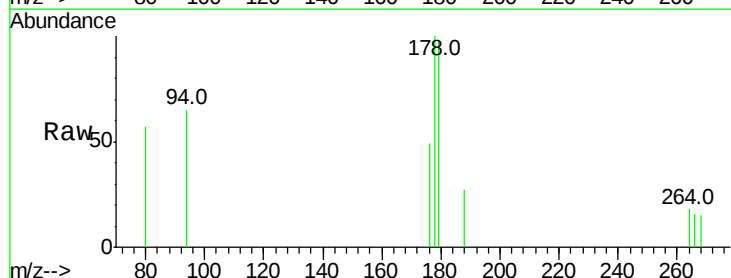
Instrument :
 BNA_E
 ClientSampleId :

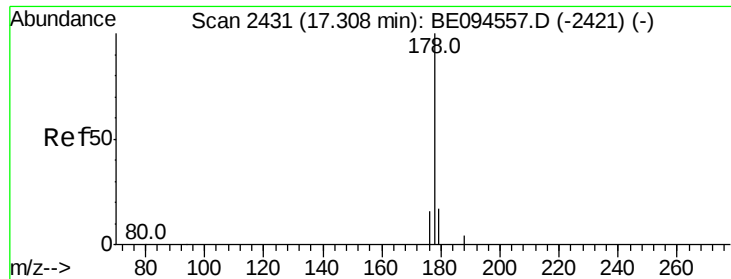
Tot Ion:166 Resp: 83186
 Ion Ratio Lower Upper
 166 100
 165 96.1 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 17.01 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BE094581.D
 Acq: 27 Oct 2017 2:36

Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 58.8 47.9 71.9
 268 129.4 49.8 74.8#





#12

Phenanthrene

Concen: 47.352 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

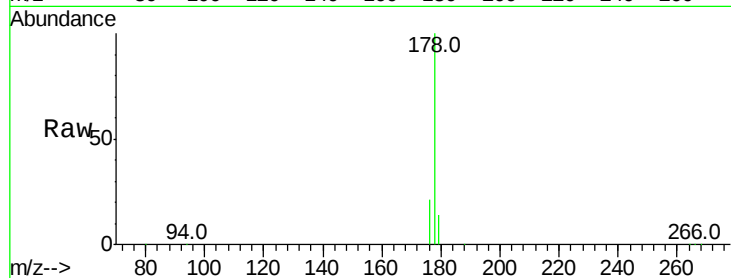
Tot Ion:178 Resp: 1209201

Ion Ratio Lower Upper

178 100

179 14.2 18.4 27.6#

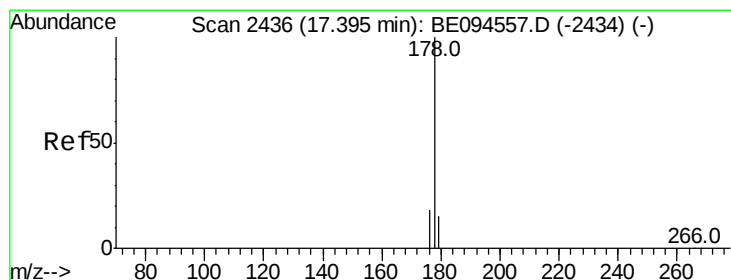
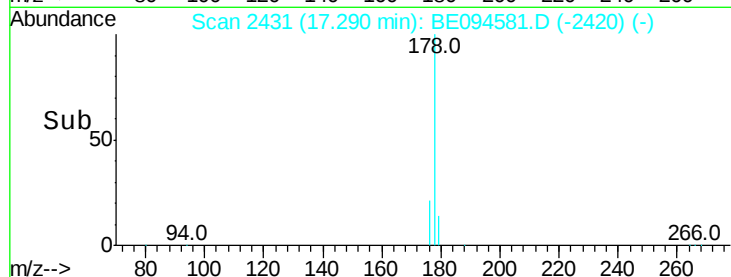
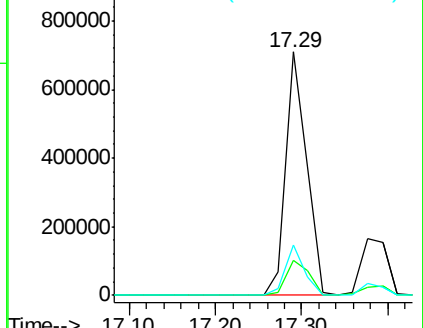
176 20.6 13.6 20.4#



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: 14.068 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

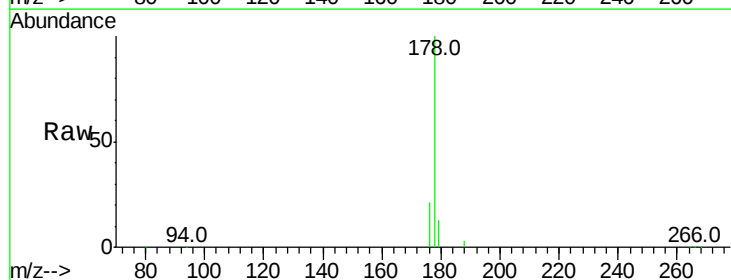
Tgt Ion:178 Resp: 354516

Ion Ratio Lower Upper

178 100

179 13.4 18.1 27.1#

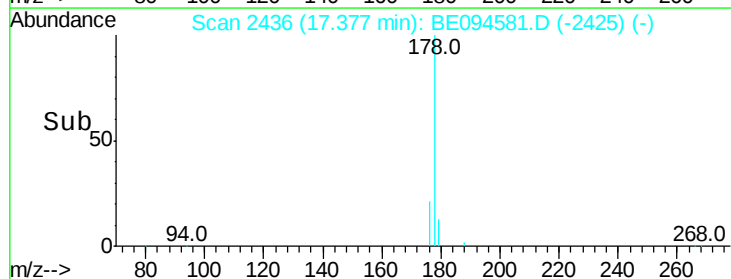
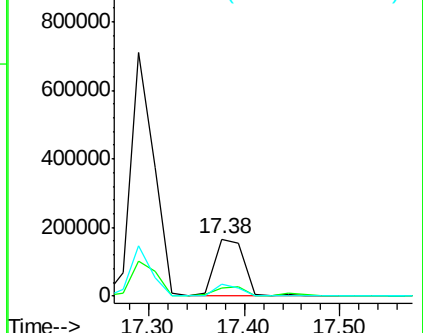
176 21.3 14.7 22.1

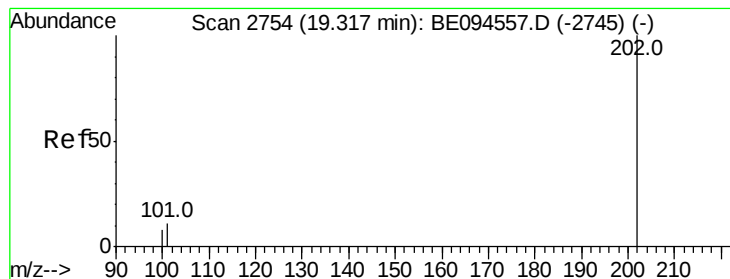


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 49.958 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

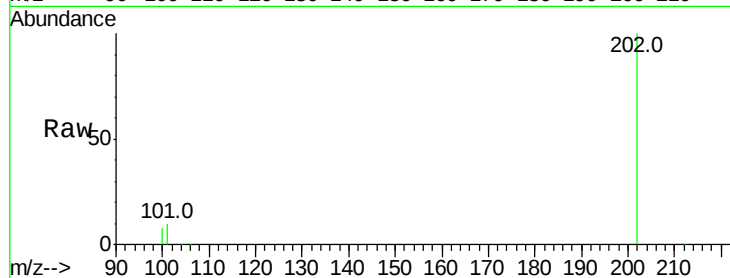
Tot Ion:202 Resp: 1474908

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

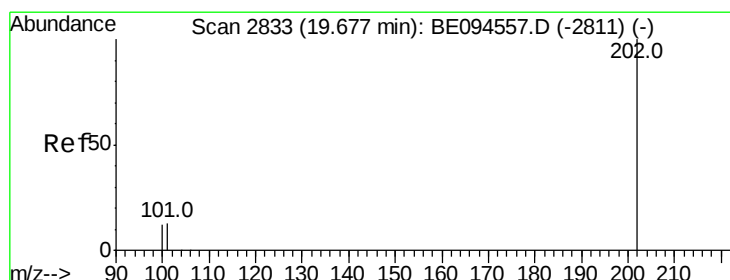
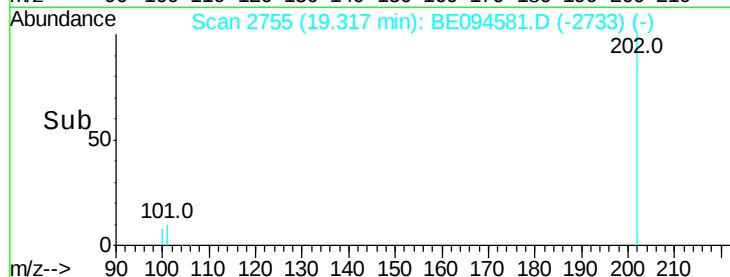
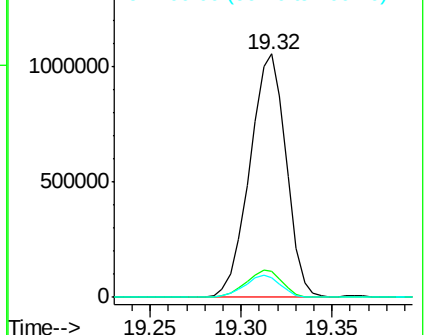
100 8.2 0.0 39.5



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: 45.128 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

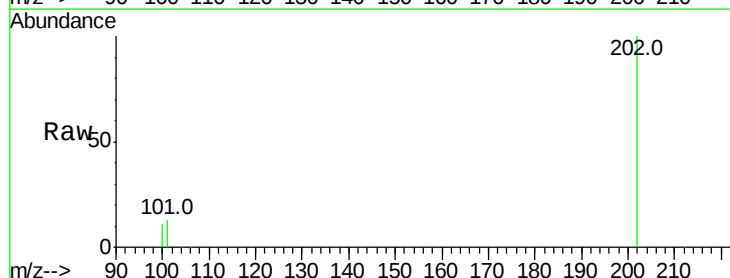
Tgt Ion:202 Resp: 1319644

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

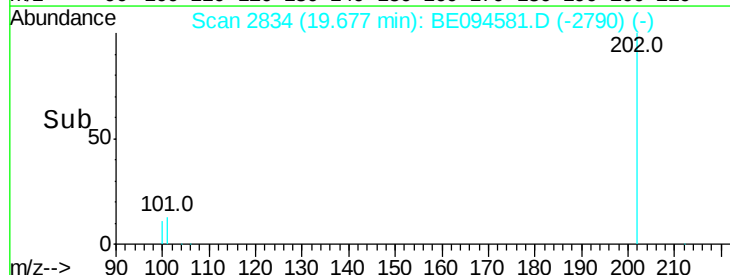
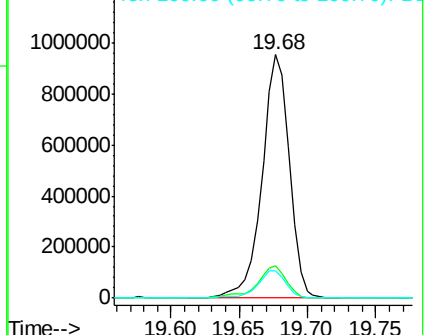
100 11.1 15.6 23.4#

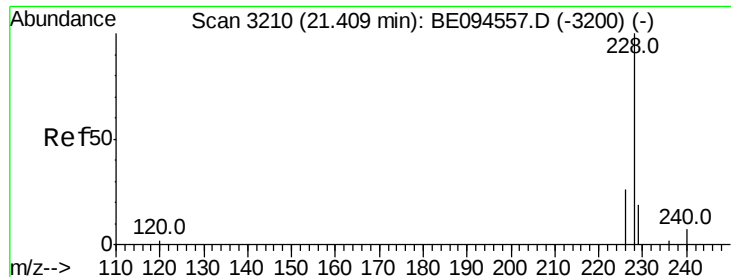


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 24.607 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

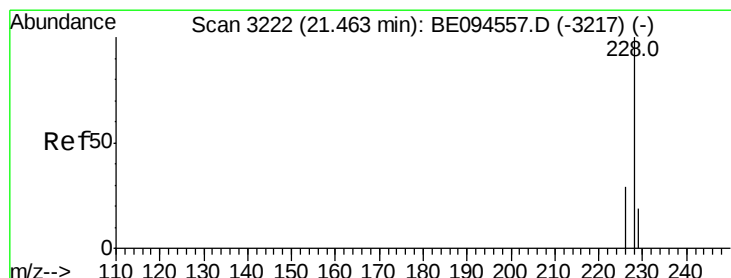
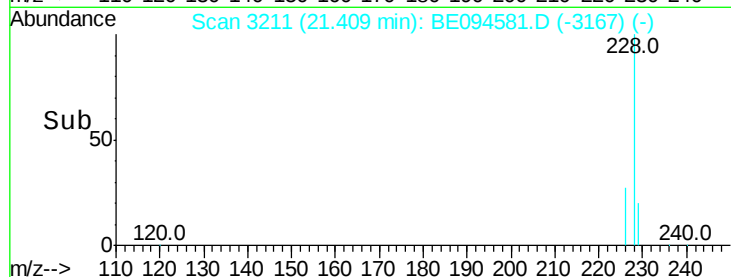
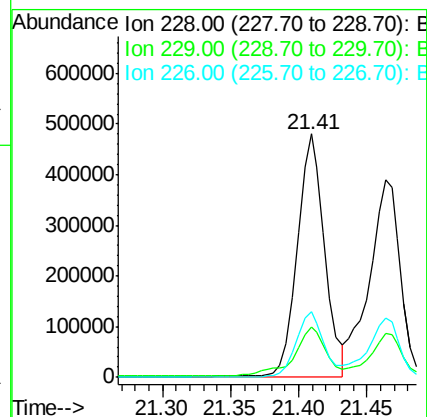
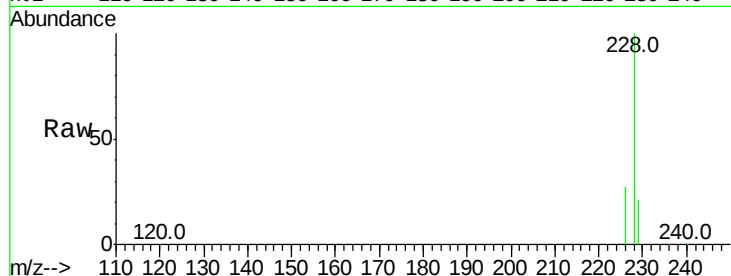
Tot Ion:228 Resp: 665402

Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

226 27.0 17.0 25.6#



#19

Chrysene

Concen: 22.148 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

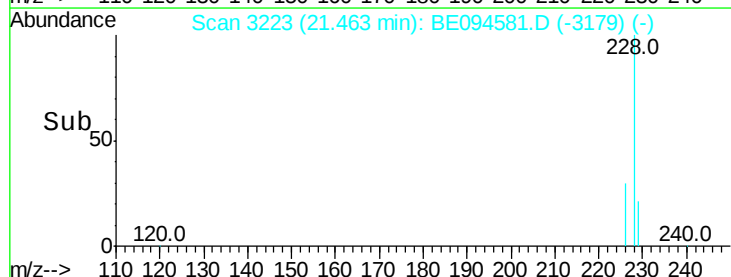
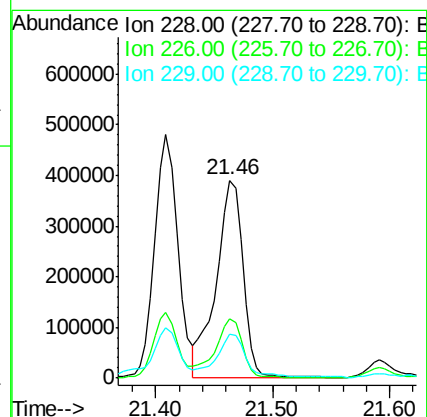
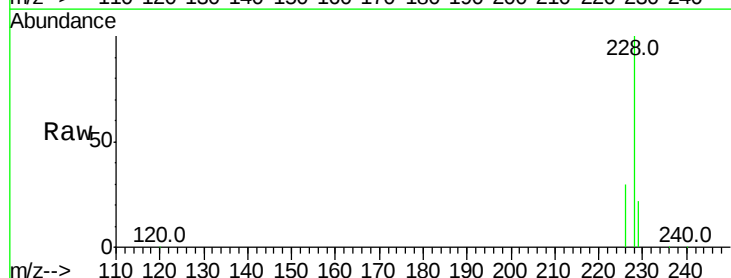
Tgt Ion:228 Resp: 619024

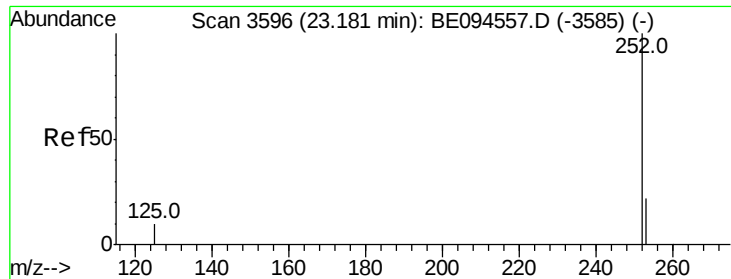
Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 21.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 35.152 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

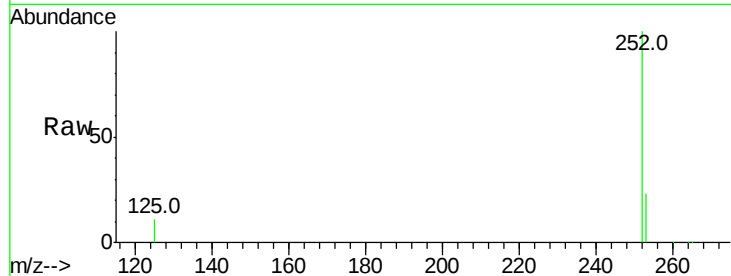
Tot Ion:252 Resp: 991175

Ion Ratio Lower Upper

252 100

253 22.7 0.0 64.2

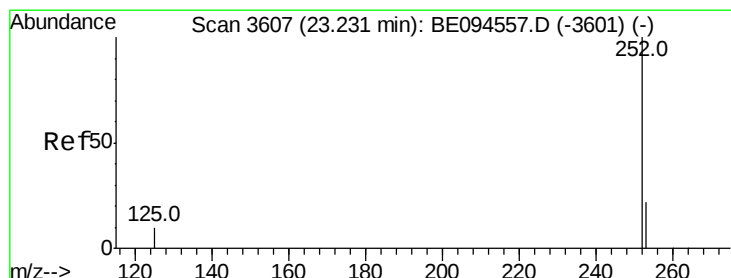
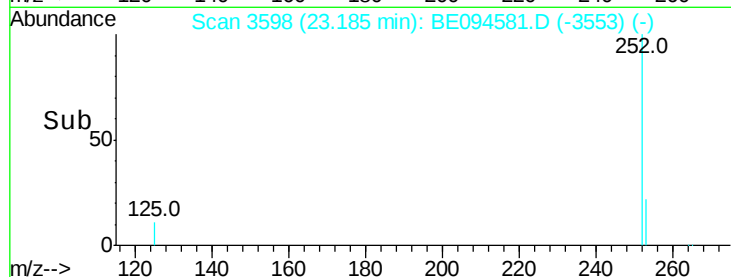
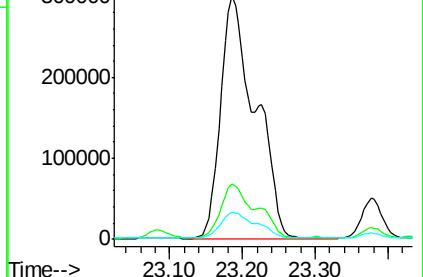
125 11.1 0.0 35.0



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: 32.802 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

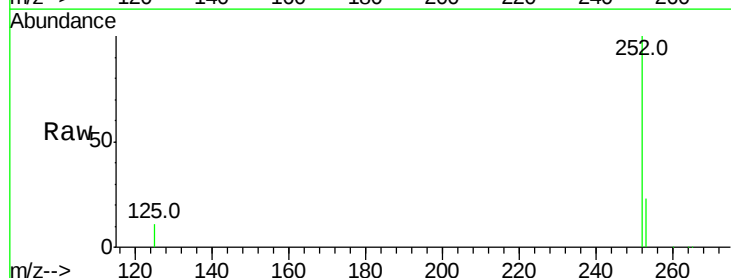
Tgt Ion:252 Resp: 991175

Ion Ratio Lower Upper

252 100

253 22.7 24.5 36.7#

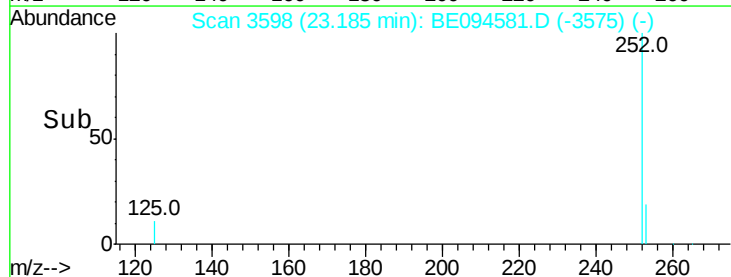
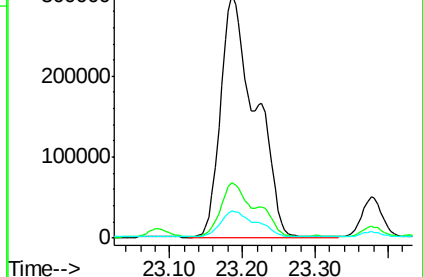
125 11.1 13.7 20.5#

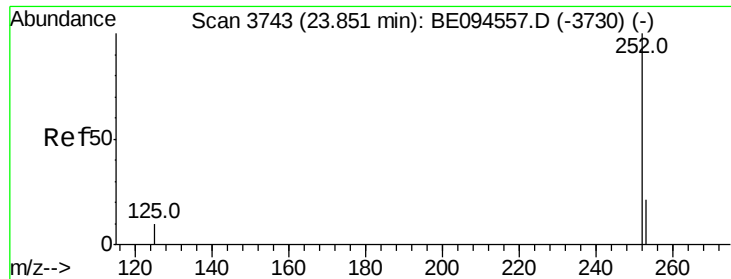


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 18.590 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :

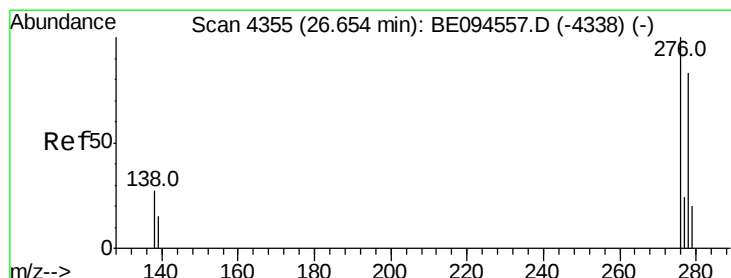
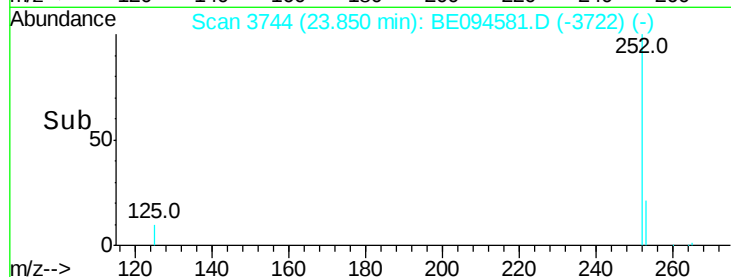
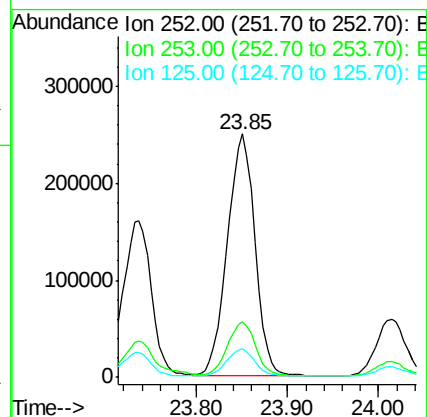
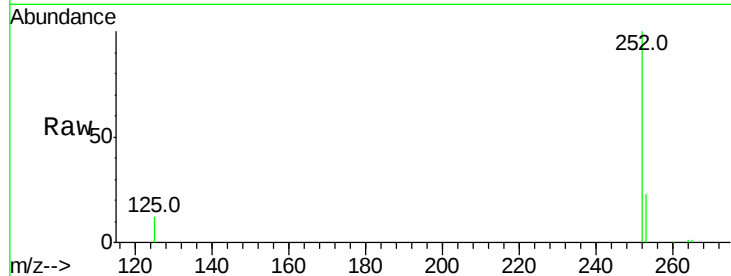
Tot Ion:252 Resp: 523966

Ion Ratio Lower Upper

252 100

253 22.7 28.5 42.7#

125 11.7 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 11.188 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

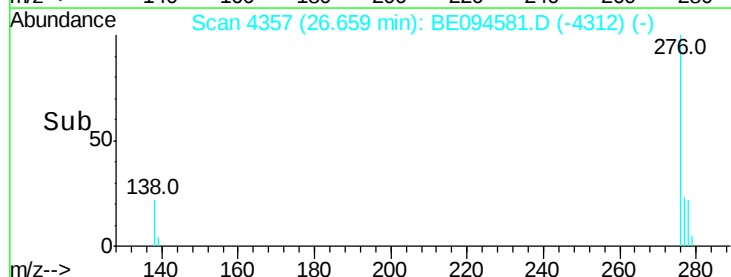
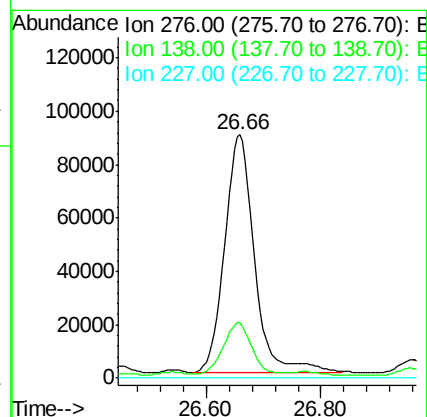
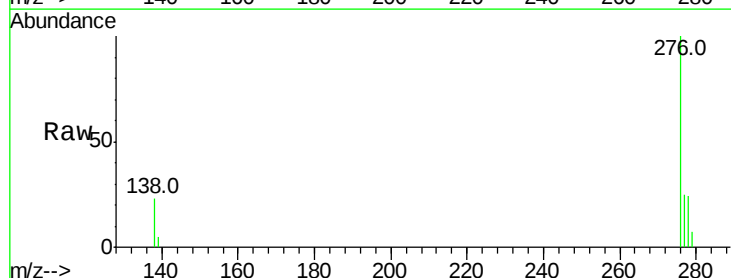
Tgt Ion:276 Resp: 326293

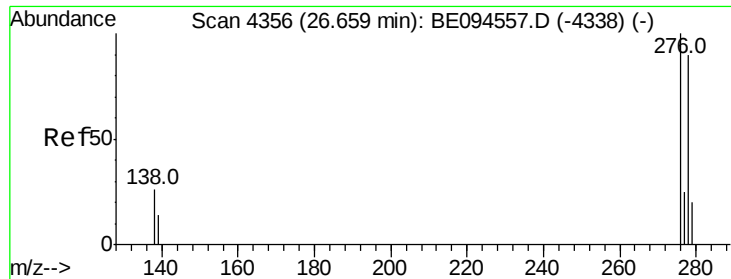
Ion Ratio Lower Upper

276 100

138 21.1 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 3.383 ng/u1

RT: 26.65 min Scan# 4355

Delta R.T. -0.01 min

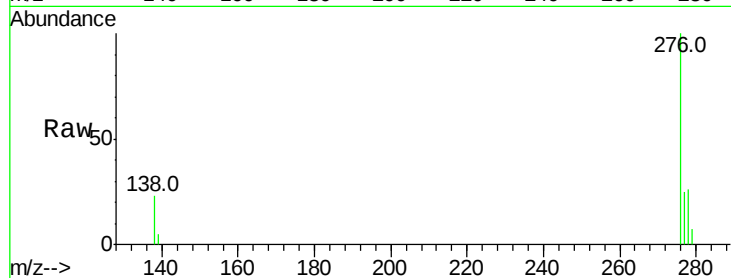
Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Instrument :

BNA_E

ClientSampleId :



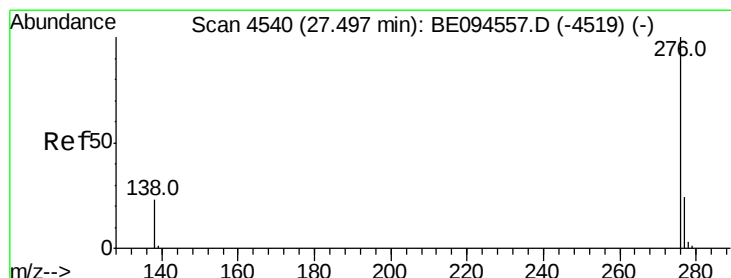
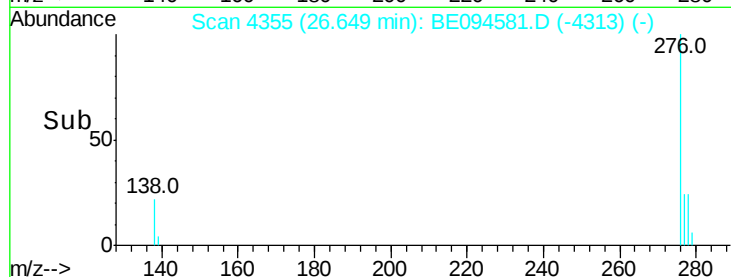
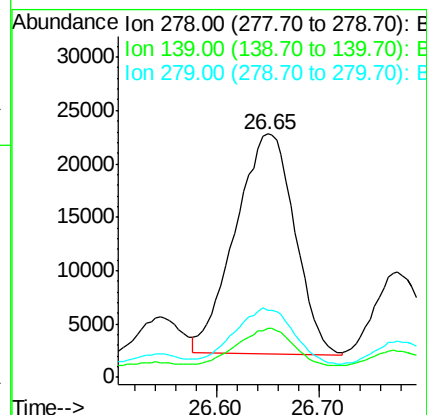
Tot Ion:278 Resp: 83149

Ion Ratio Lower Upper

278 100

139 20.1 17.4 26.0

279 27.7 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 11.004 ng/u1

RT: 27.50 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BE094581.D

Acq: 27 Oct 2017 2:36

Tgt Ion:276 Resp: 257705

Ion Ratio Lower Upper

276 100

138 23.2 21.8 32.8

277 25.4 20.5 30.7

