

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094362.D
 Acq On : 14 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I5611-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:09:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

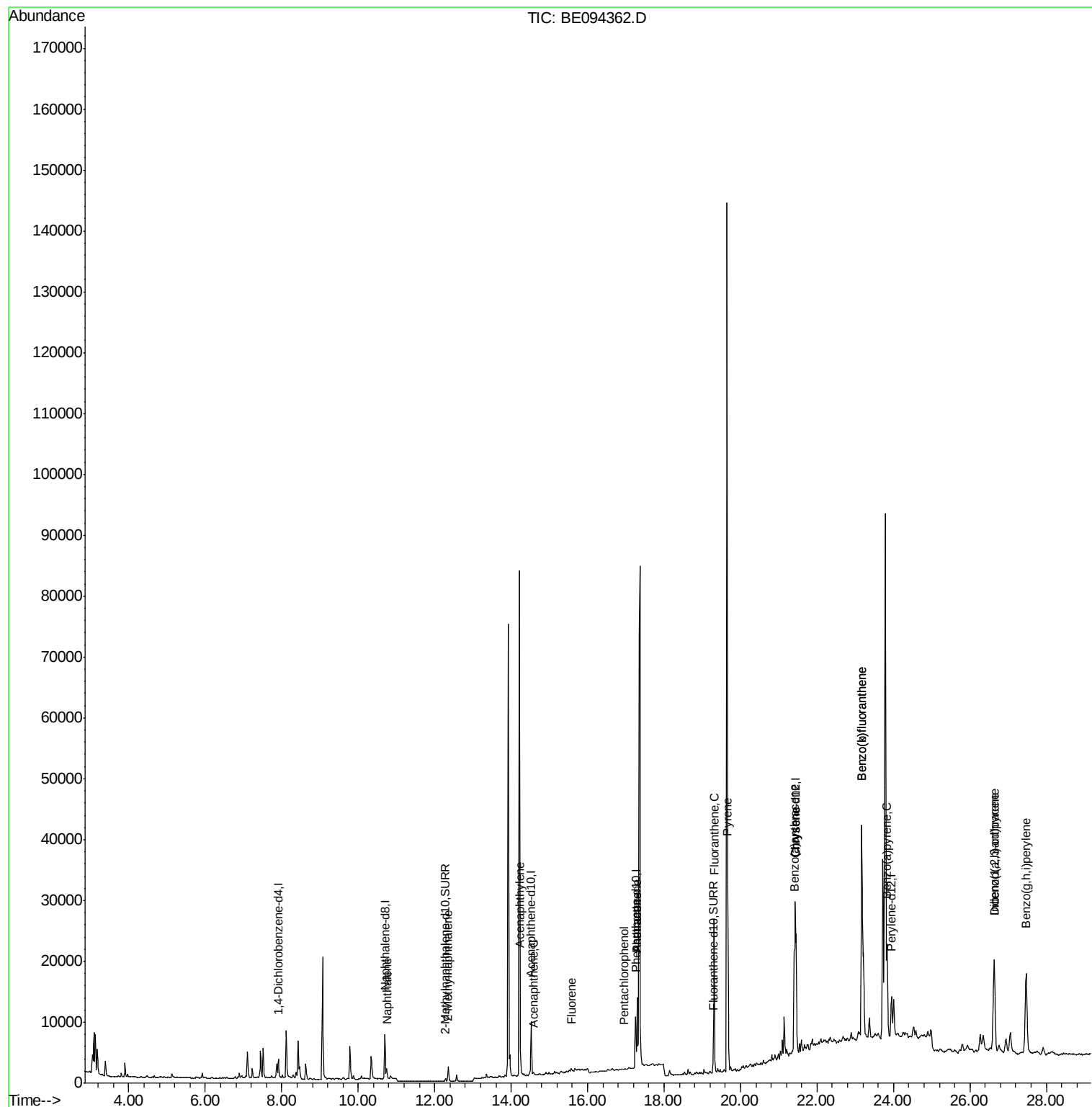
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1573	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8350	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	5051	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10603	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10277	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	10605	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	692	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1716	0.05	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	2647	0.129	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2342	0.177	ng/ul	98
7) Acenaphthylene	14.24	152	1241	0.063	ng/ul#	59
8) Acenaphthene	14.58	153	358	0.022	ng/ul#	81
9) Fluorene	15.57	166	402	0.021	ng/ul#	41
11) Pentachlorophenol	16.95	266	77	0.062	ng/ul#	78
12) Phenanthrene	17.29	178	13083	0.472	ng/ul#	90
13) Anthracene	17.29	178	13083	0.485	ng/ul	92
15) Fluoranthene	19.31	202	28958	0.795	ng/ul	84
17) Pyrene	19.67	202	32395	1.133	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	15875	0.582	ng/ul#	87
19) Chrysene	21.44	228	35179	1.117	ng/ul#	89
21) Benzo(b)fluoranthene	23.17	252	78857	2.737	ng/ul	91
22) Benzo(k)fluoranthene	23.17	252	78745	2.365	ng/ul	92
23) Benzo(a)pyrene	23.84	252	23169	0.774	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.64	276	28412	0.928	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.64	278	8283	0.322	ng/ul#	50
26) Benzo(g,h,i)perylene	27.47	276	30601	1.158	ng/ul	92

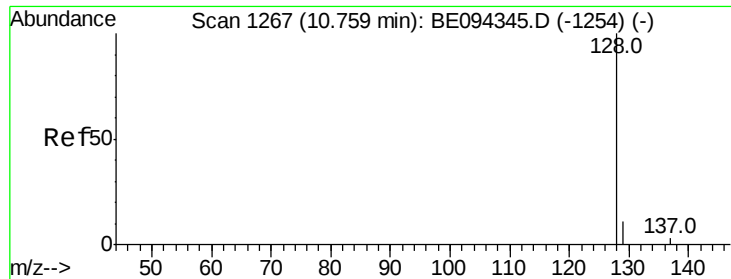
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 05:22:31 2017
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#3

Naphthalene

Concen: 0.129 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

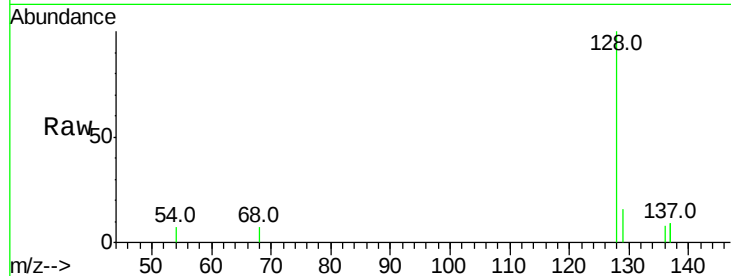
Tot Ion:128 Resp: 2647

Ion Ratio Lower Upper

128 100

129 15.6 11.3 16.9

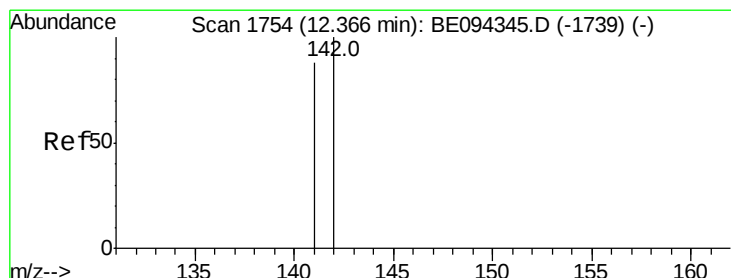
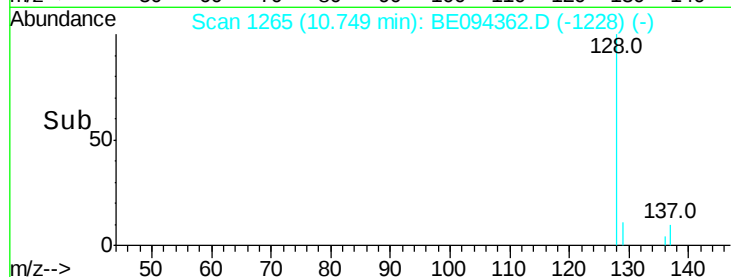
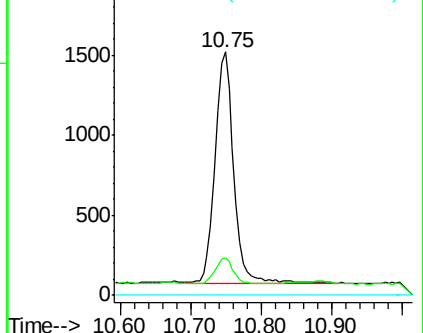
127 0.0 4.0 6.0#



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: 0.177 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BE094362.D

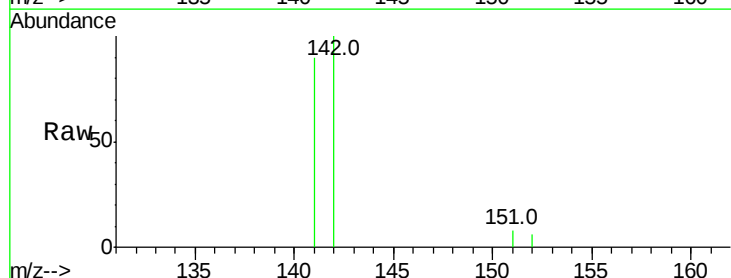
Acq: 14 Oct 2017 19:22

Tgt Ion:142 Resp: 2342

Ion Ratio Lower Upper

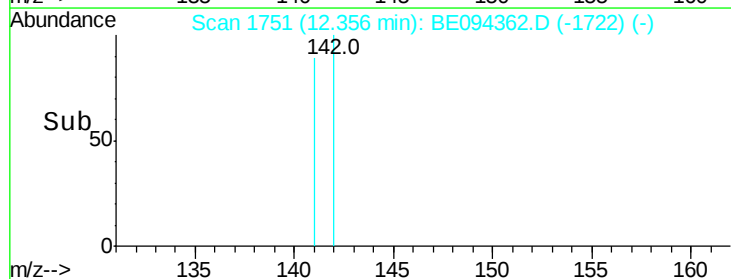
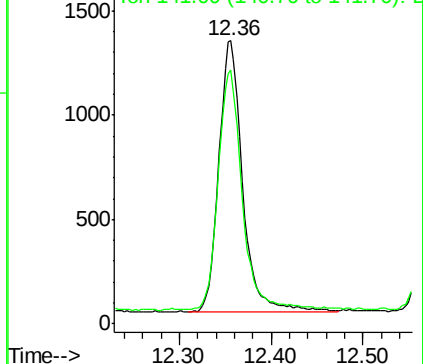
142 100

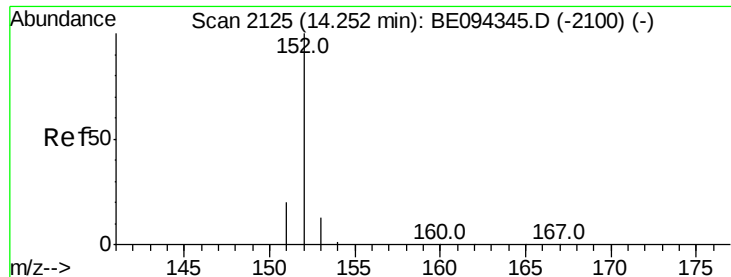
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.063 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

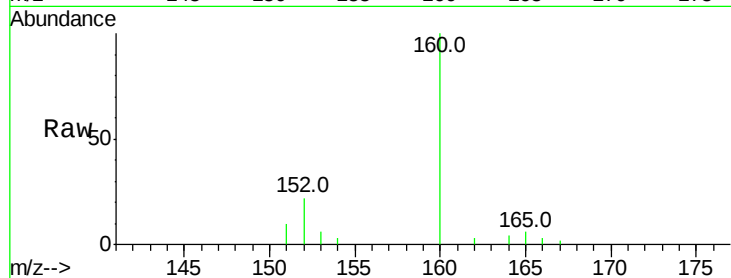
Tot Ion:152 Resp: 1241

Ion Ratio Lower Upper

152 100

151 44.1 17.1 25.7#

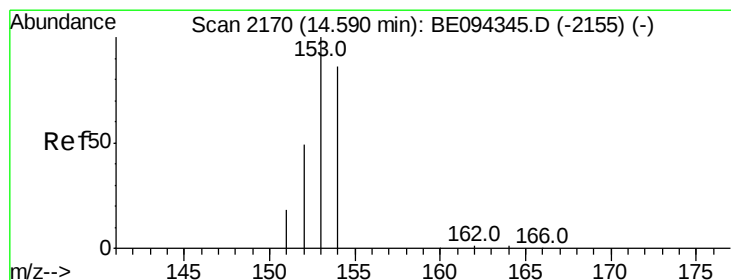
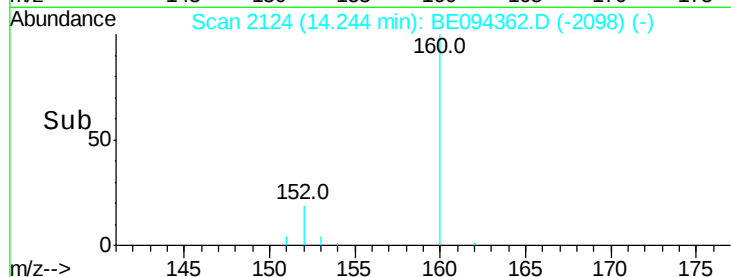
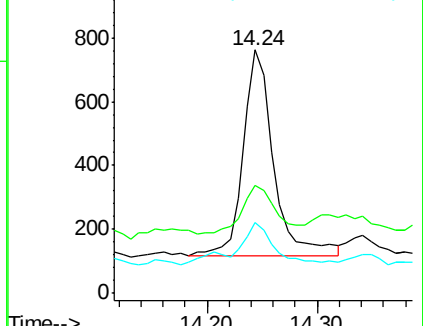
153 28.9 12.8 19.2#



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: 0.022 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

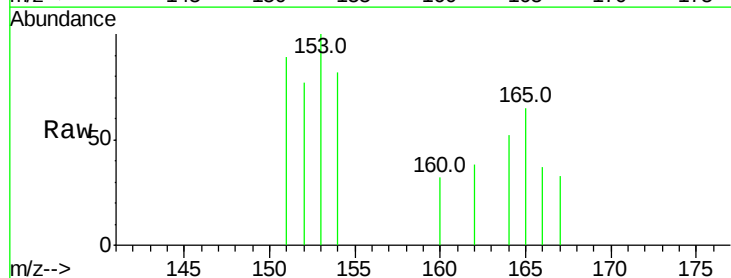
Tgt Ion:153 Resp: 358

Ion Ratio Lower Upper

153 100

152 76.5 40.3 60.5#

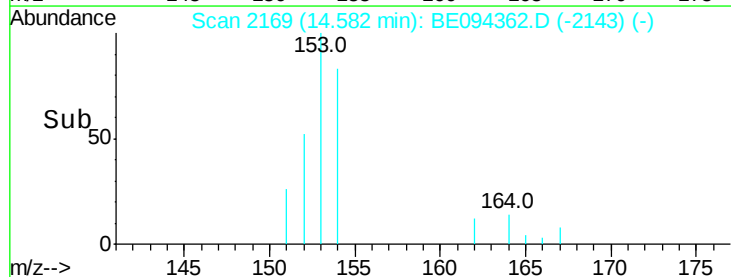
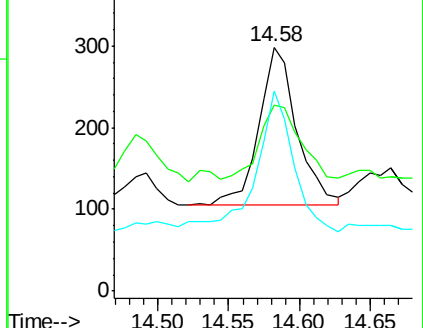
154 81.9 71.4 107.2

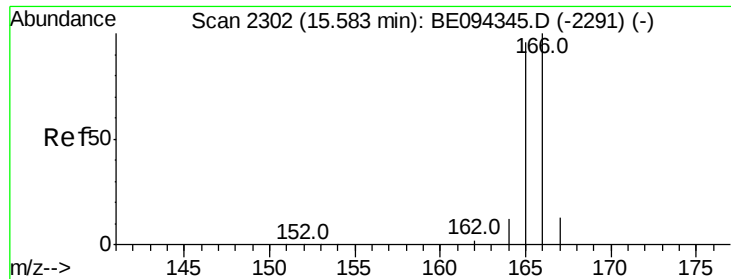


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

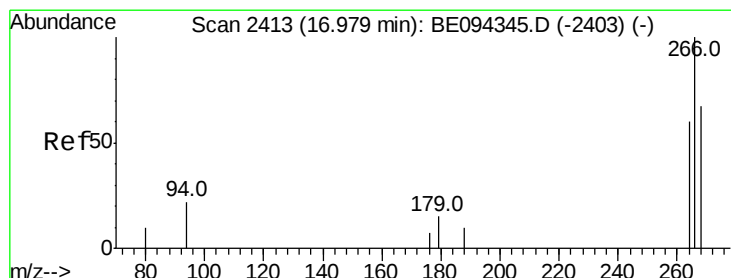
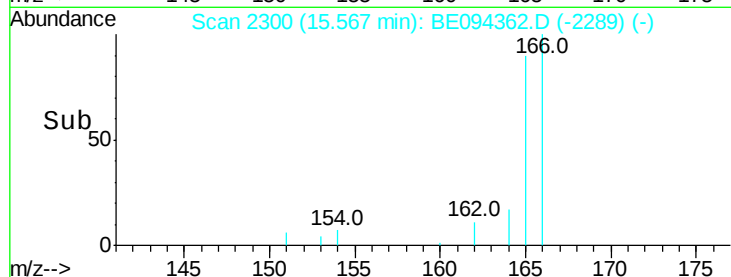
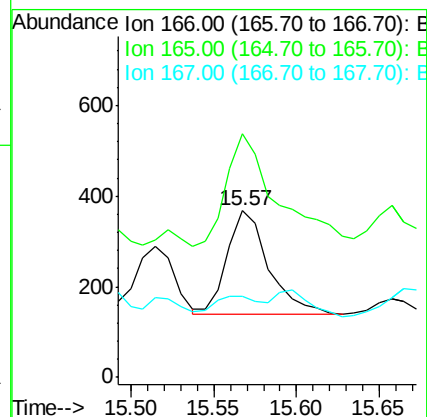
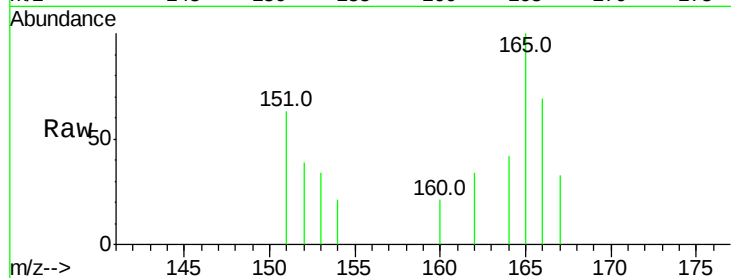
Tot Ion:166 Resp: 402

Ion Ratio Lower Upper

166 100

165 145.9 73.4 110.2#

167 48.4 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.062 ng/ul

RT: 16.95 min Scan# 2411

Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

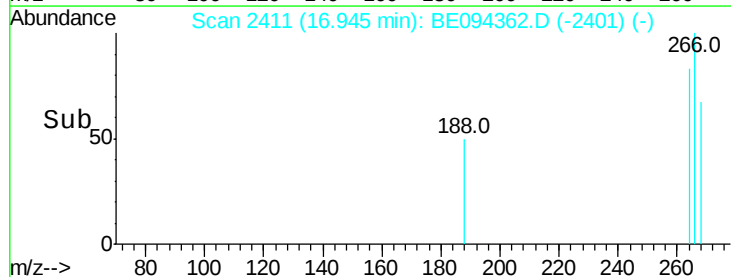
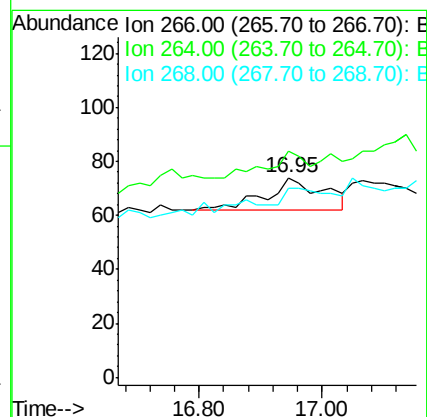
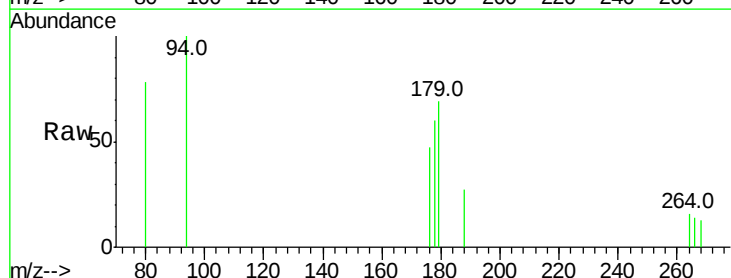
Tgt Ion:266 Resp: 77

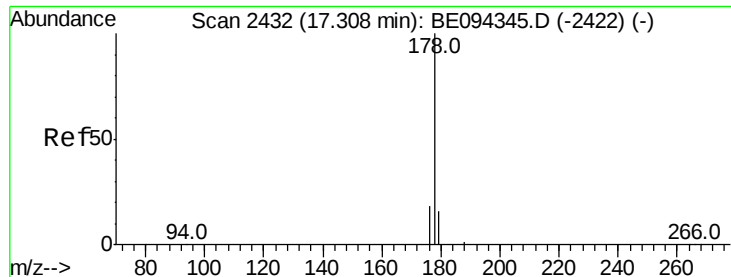
Ion Ratio Lower Upper

266 100

264 50.6 47.9 71.9

268 37.7 49.8 74.8#





#12

Phenanthrene

Concen: 0.472 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

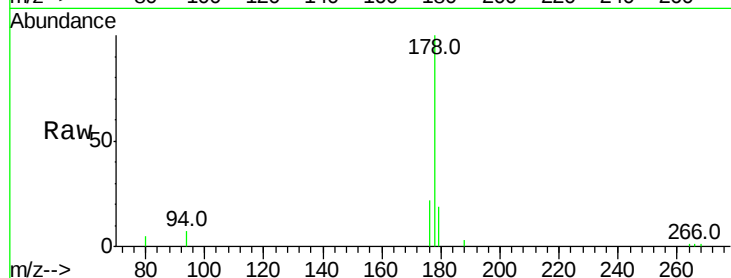
Tot Ion:178 Resp: 13083

Ion Ratio Lower Upper

178 100

179 18.8 18.4 27.6

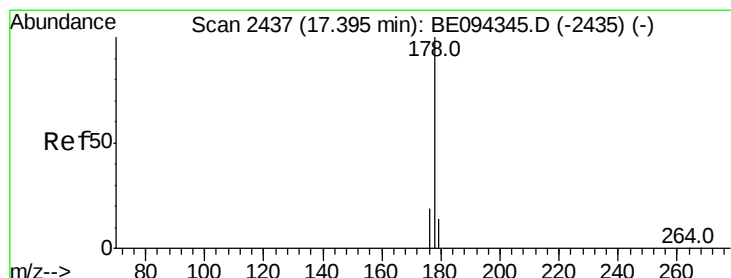
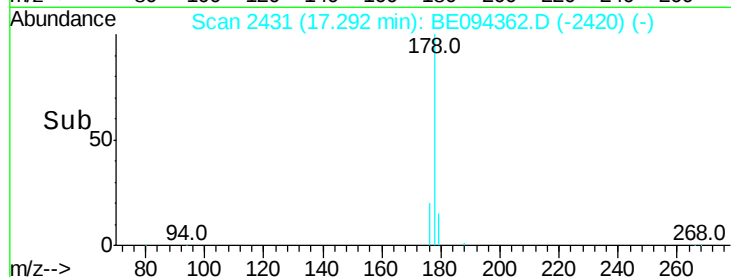
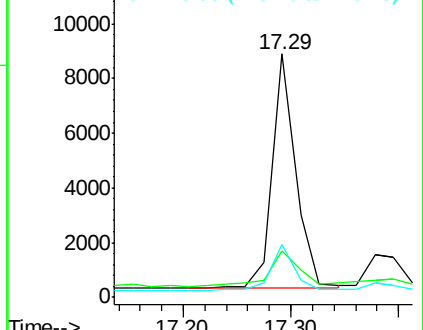
176 22.0 13.6 20.4#



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: 0.485 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

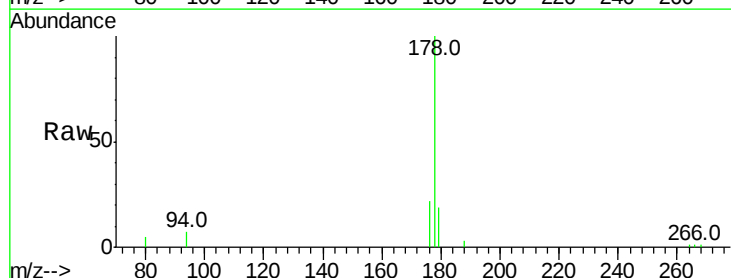
Tgt Ion:178 Resp: 13083

Ion Ratio Lower Upper

178 100

179 18.8 18.1 27.1

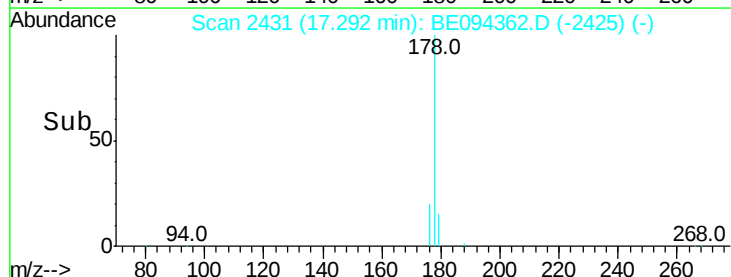
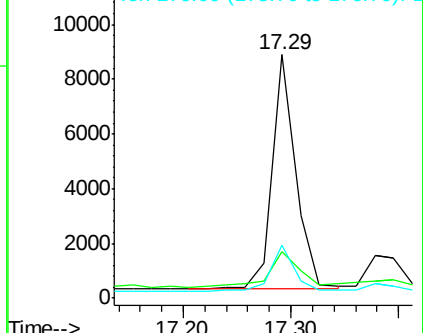
176 22.0 14.7 22.1

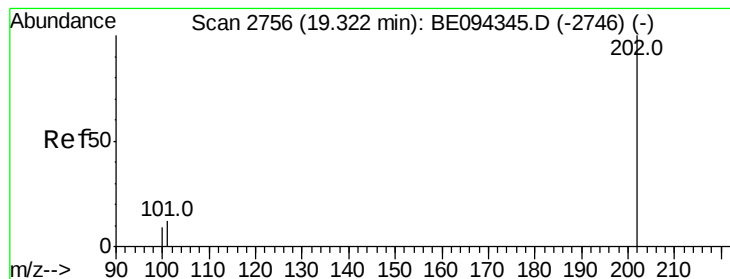


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.795 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

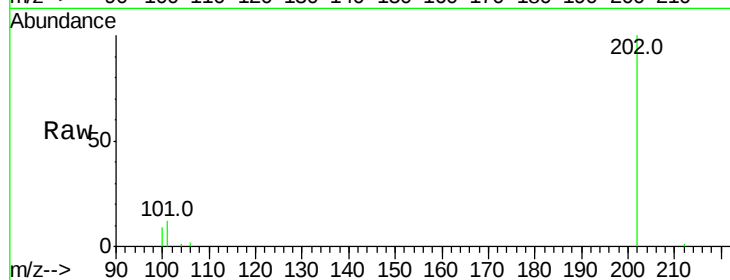
Tot Ion:202 Resp: 28958

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.3

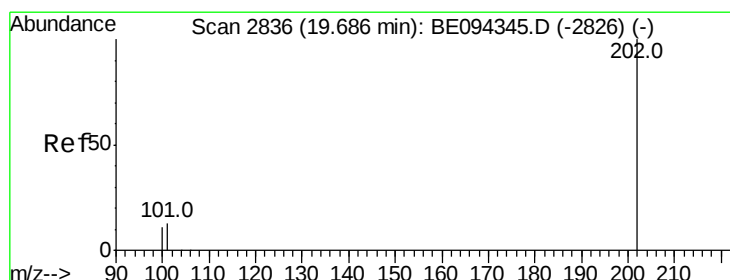
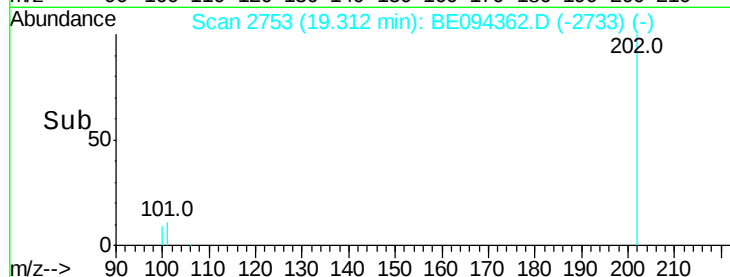
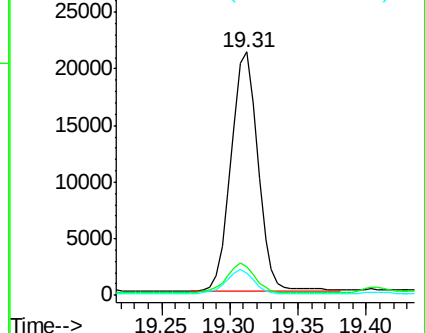
100 9.3 0.0 39.5



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: 1.133 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

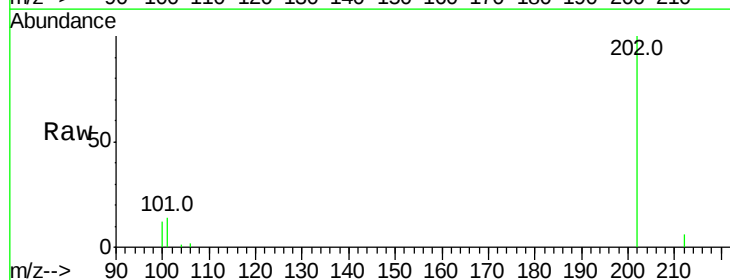
Tgt Ion:202 Resp: 32395

Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

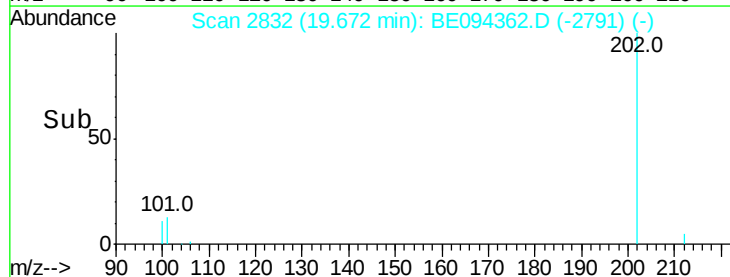
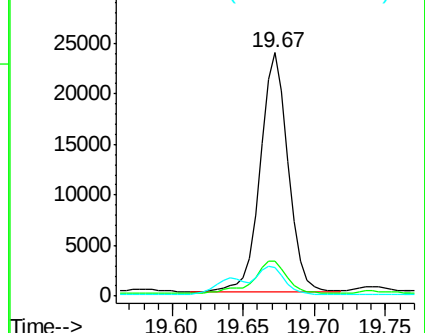
100 11.8 15.6 23.4#

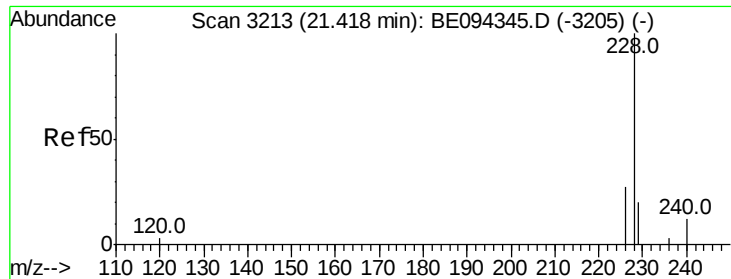


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.582 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

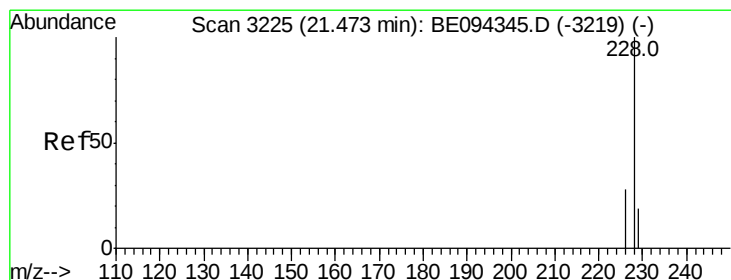
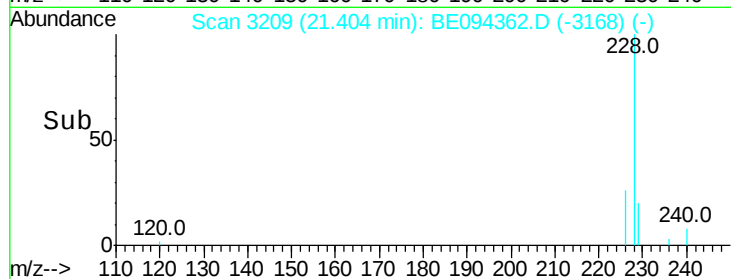
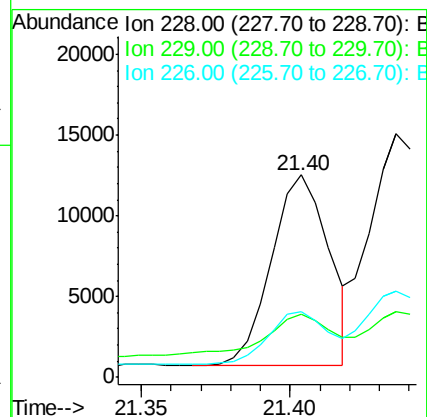
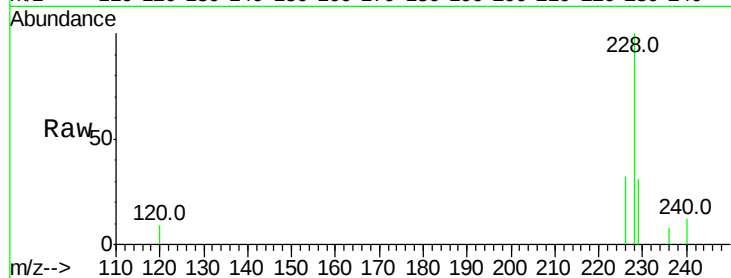
Tot Ion:228 Resp: 15875

Ion Ratio Lower Upper

228 100

229 31.1 22.8 34.2

226 32.3 17.0 25.6#



#19

Chrysene

Concen: 1.117 ng/ul

RT: 21.44 min Scan# 3216

Delta R.T. -0.04 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

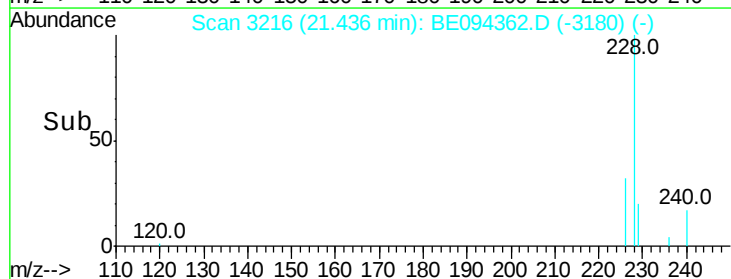
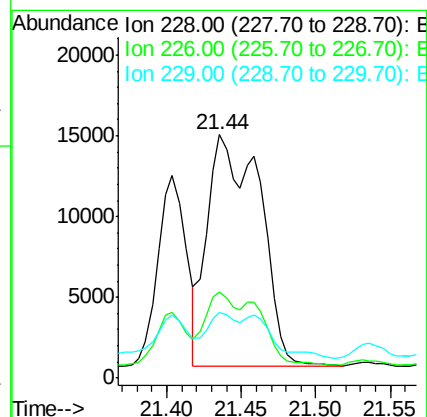
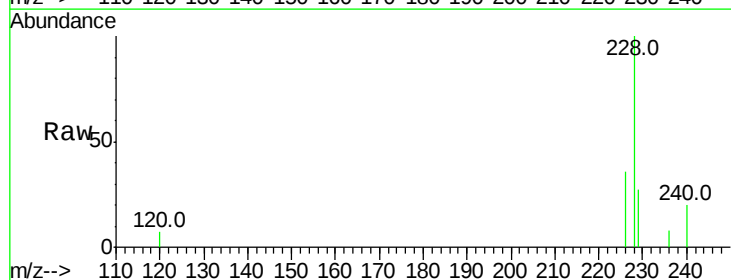
Tgt Ion:228 Resp: 35179

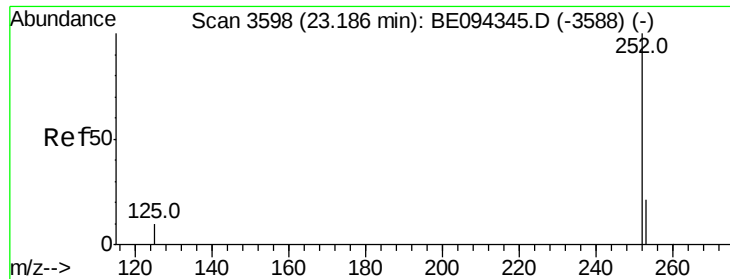
Ion Ratio Lower Upper

228 100

226 35.6 23.4 35.0#

229 27.0 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 2.737 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

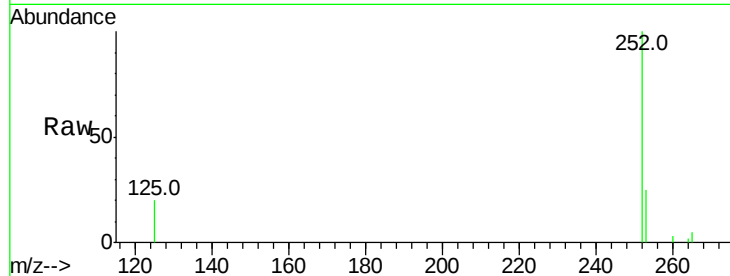
Tot Ion:252 Resp: 78857

Ion Ratio Lower Upper

252 100

253 25.4 0.0 64.2

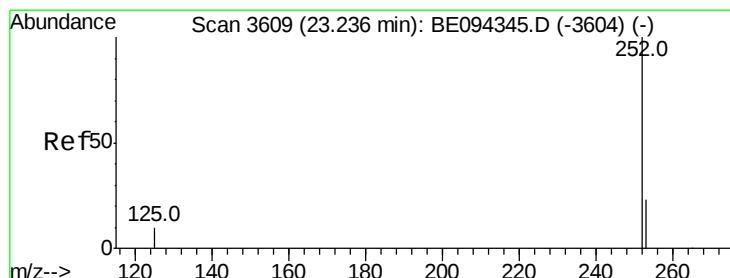
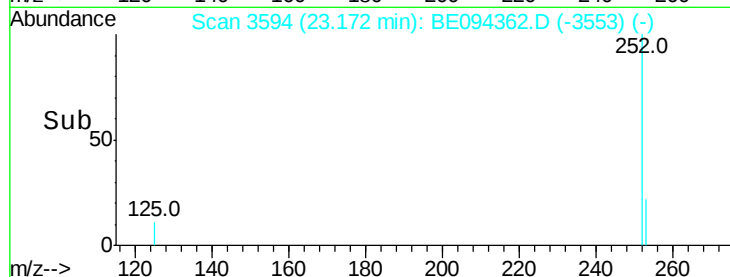
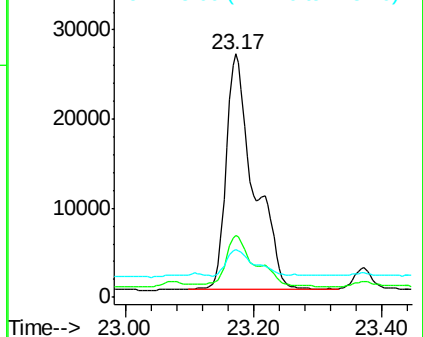
125 19.6 0.0 35.0



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: 2.365 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.06 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

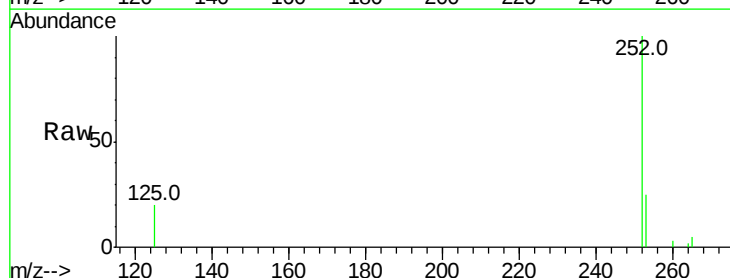
Tgt Ion:252 Resp: 78745

Ion Ratio Lower Upper

252 100

253 25.4 24.5 36.7

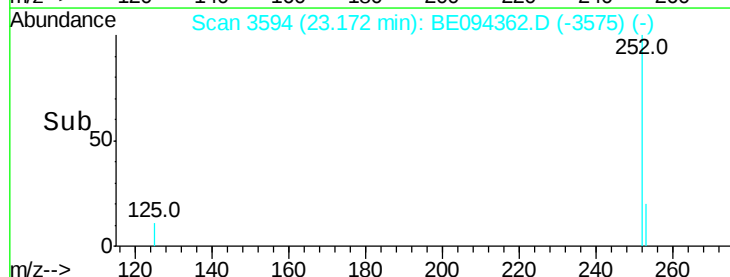
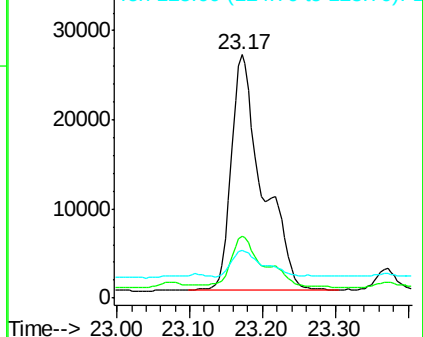
125 19.6 13.7 20.5

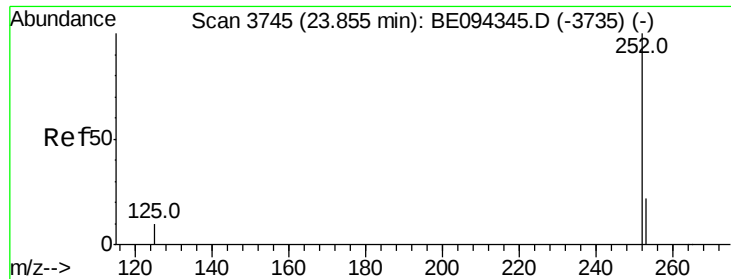


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.774 ng/ul

RT: 23.84 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

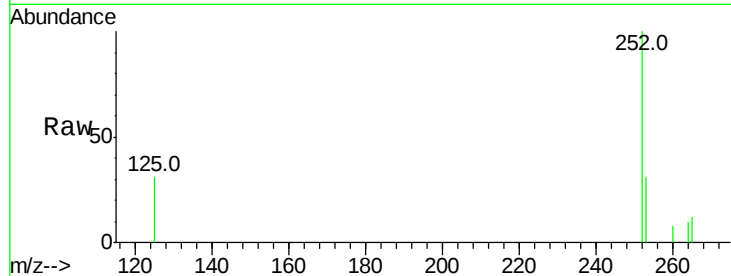
Tot Ion:252 Resp: 23169

Ion Ratio Lower Upper

252 100

253 31.4 28.5 42.7

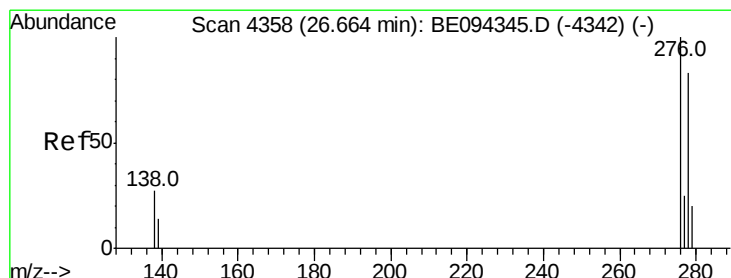
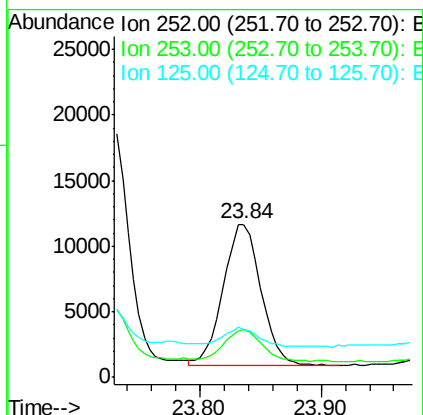
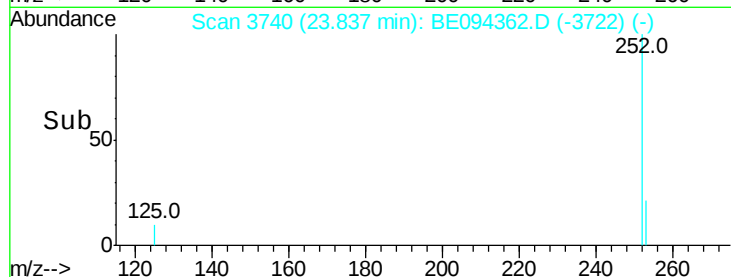
125 31.4 18.1 27.1#



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: 0.928 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

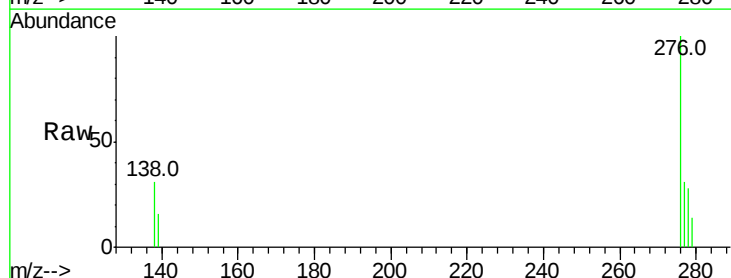
Tgt Ion:276 Resp: 28412

Ion Ratio Lower Upper

276 100

138 24.3 28.0 42.0#

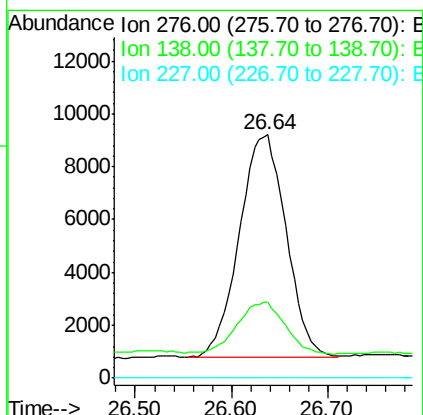
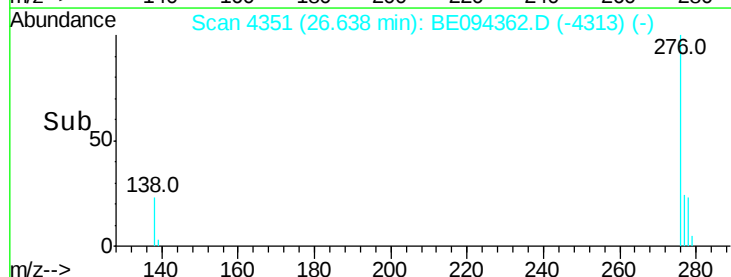
227 0.0 8.0 12.0#

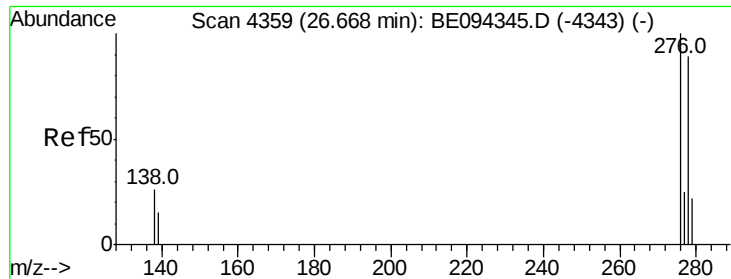


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.322 ng/ul

RT: 26.64 min Scan# 4351

Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

Instrument :

BNA_E

ClientSampleId :

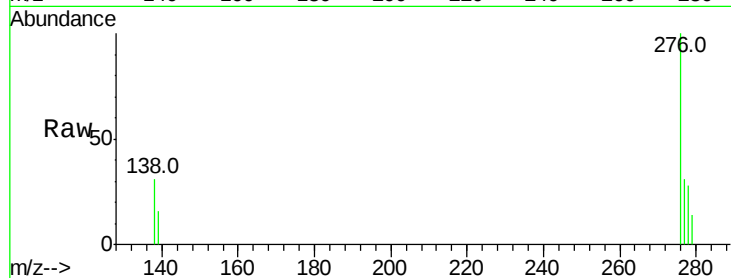
Tot Ion:278 Resp: 8283

Ion Ratio Lower Upper

278 100

139 57.6 17.4 26.0#

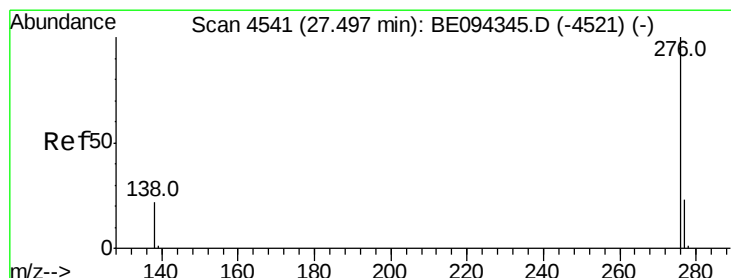
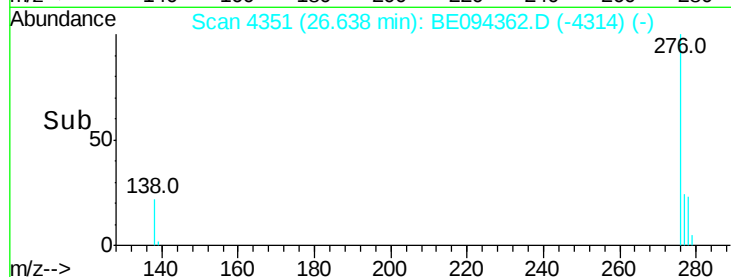
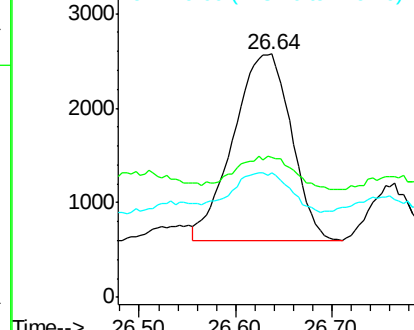
279 51.1 25.9 38.9#



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: 1.158 ng/ul

RT: 27.47 min Scan# 4534

Delta R.T. -0.03 min

Lab File: BE094362.D

Acq: 14 Oct 2017 19:22

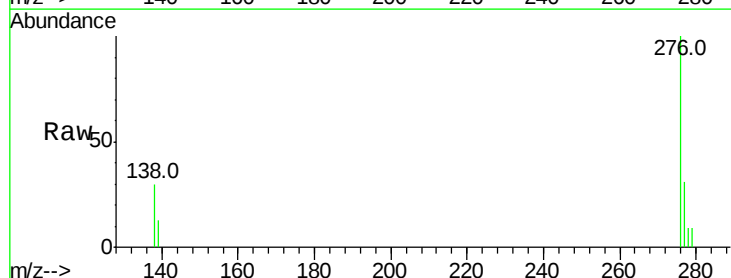
Tgt Ion:276 Resp: 30601

Ion Ratio Lower Upper

276 100

138 30.2 21.8 32.8

277 30.7 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

