

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094277.D
 Acq On : 11 Oct 2017 12:25
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:20:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 08:24:24 2017
 Response via : Initial Calibration

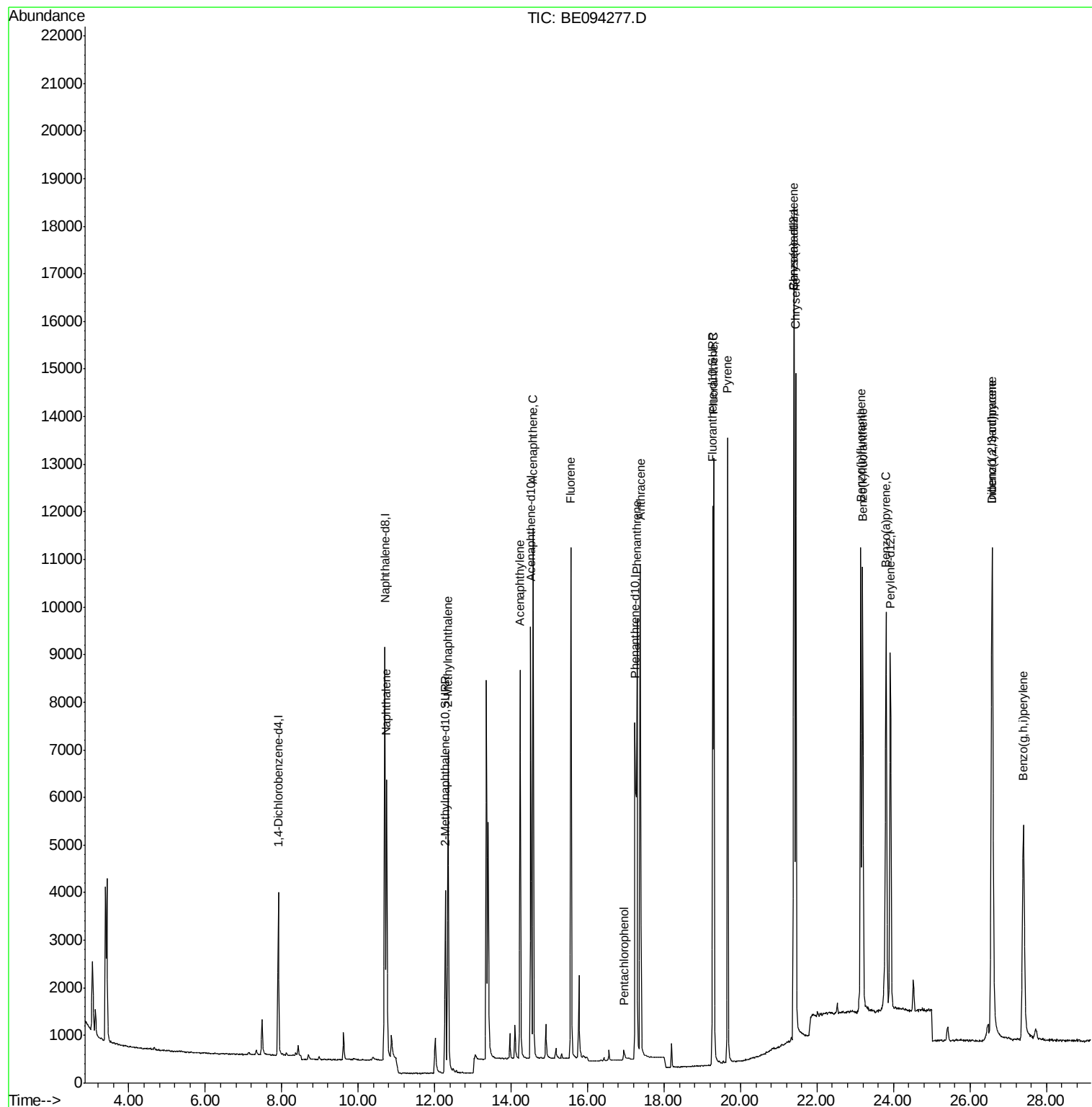
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1867	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5404	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11628	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12185	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11985	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6223	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	14011	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	9578	0.394	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	6594	0.418	ng/ul	98
7) Acenaphthylene	14.24	152	9797	0.465	ng/ul	96
8) Acenaphthene	14.57	153	6916	0.399	ng/ul	98
9) Fluorene	15.56	166	7776	0.383	ng/ul#	91
11) Pentachlorophenol	16.94	266	320	0.235	ng/ul	97
12) Phenanthrene	17.29	178	12099	0.398	ng/ul#	93
13) Anthracene	17.38	178	12208	0.413	ng/ul#	92
15) Fluoranthene	19.30	202	14280	0.358	ng/ul	84
17) Pyrene	19.66	202	15145	0.447	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	14570	0.451	ng/ul#	85
19) Chrysene	21.44	228	14050	0.376	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	14291	0.439	ng/ul	90
22) Benzo(k)fluoranthene	23.20	252	13659	0.363	ng/ul	92
23) Benzo(a)pyrene	23.81	252	13669	0.404	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.58	276	14659	0.424	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.59	278	12352	0.426	ng/ul	93
26) Benzo(g,h,i)perylene	27.40	276	11909	0.399	ng/ul	97

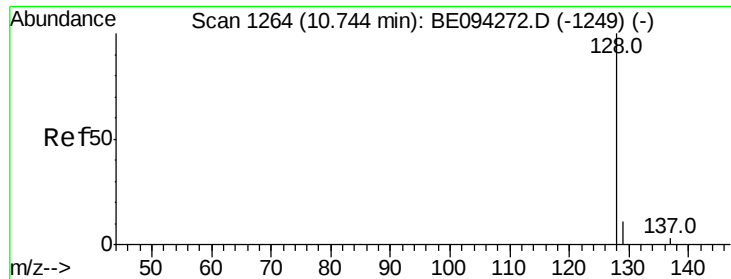
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.394 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampleId :

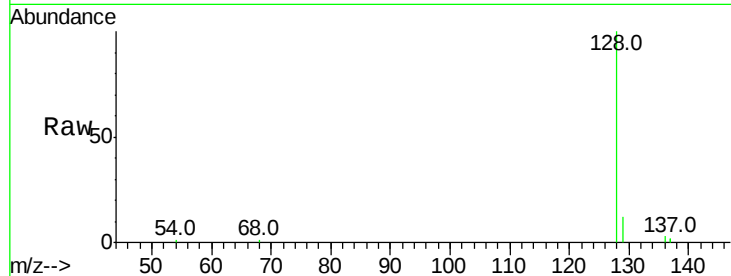
Tot Ion:128 Resp: 9578

Ion Ratio Lower Upper

128 100

129 12.0 11.3 16.9

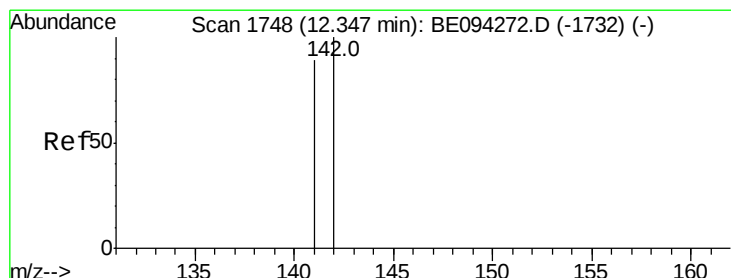
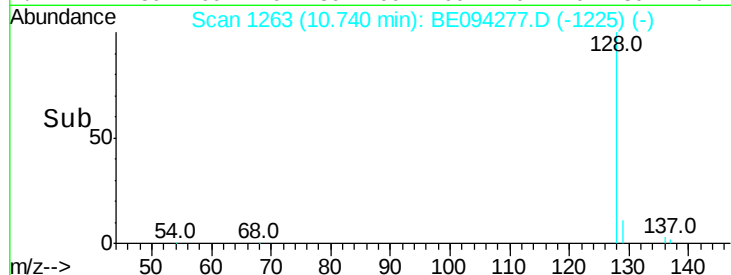
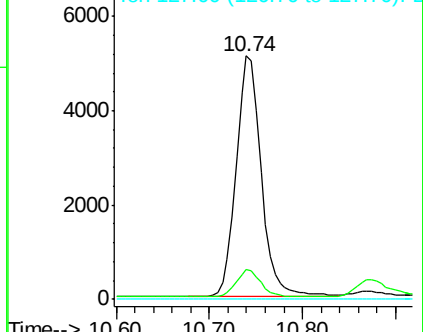
127 0.0 4.0 6.0#



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: 0.418 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BE094277.D

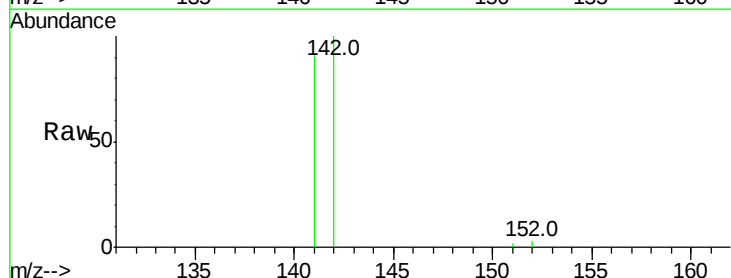
Acq: 11 Oct 2017 12:25

Tgt Ion:142 Resp: 6594

Ion Ratio Lower Upper

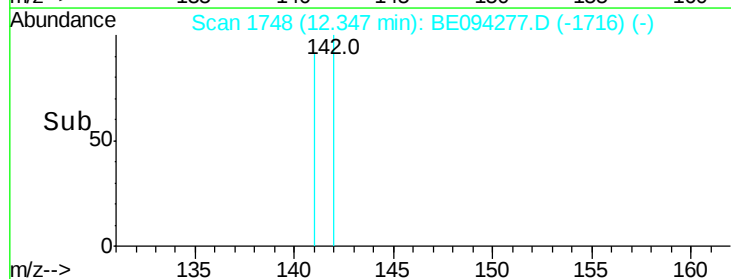
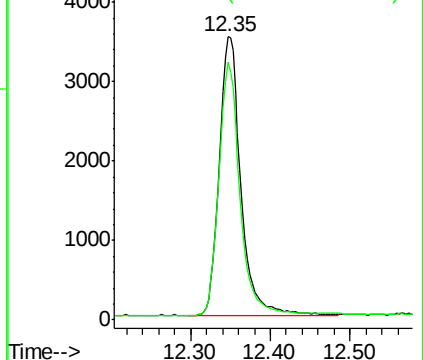
142 100

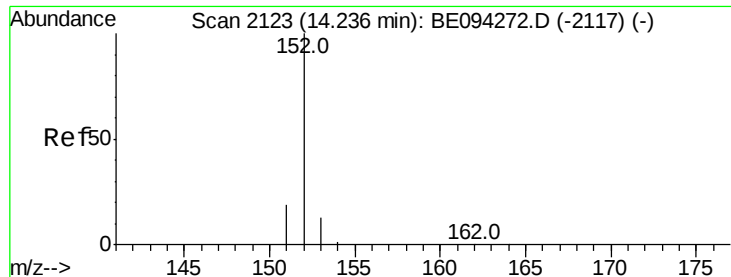
141 89.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.465 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampleId :

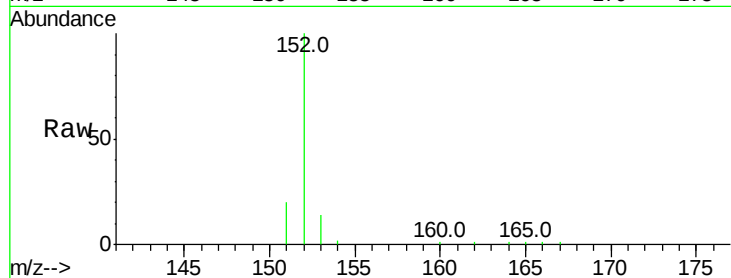
Tot Ion:152 Resp: 9797

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

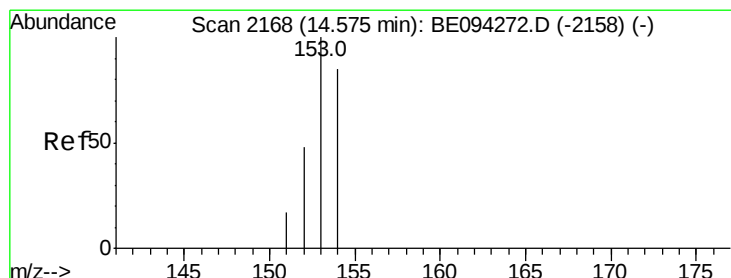
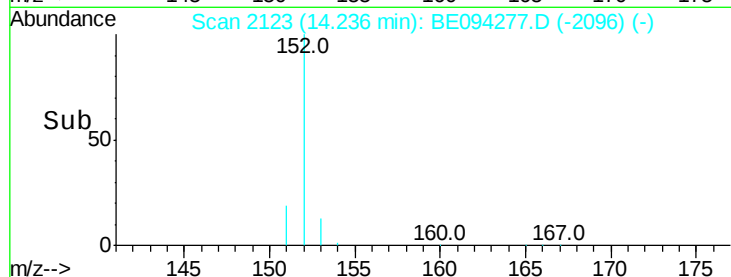
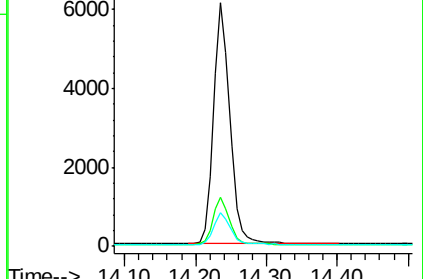
153 13.9 12.8 19.2



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: 0.399 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

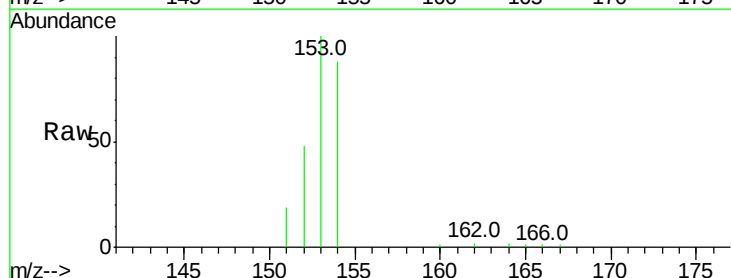
Tgt Ion:153 Resp: 6916

Ion Ratio Lower Upper

153 100

152 48.5 40.3 60.5

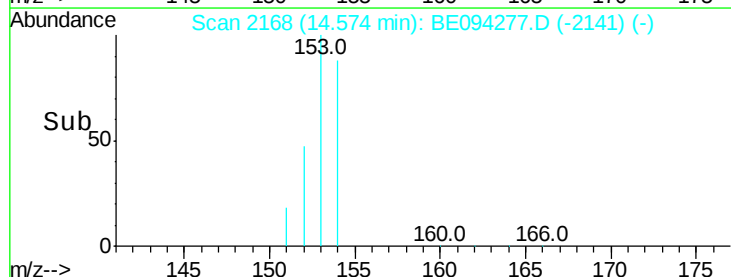
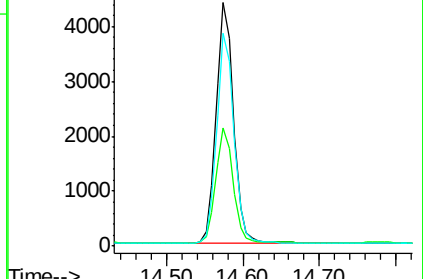
154 87.7 71.4 107.2

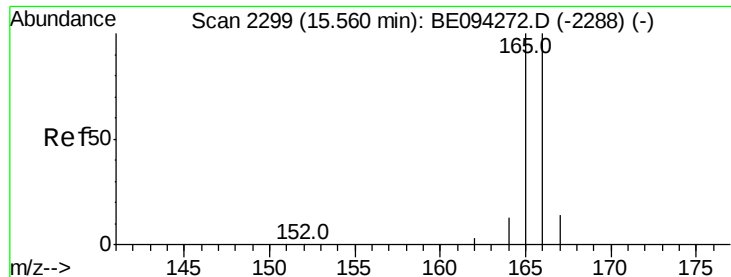


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

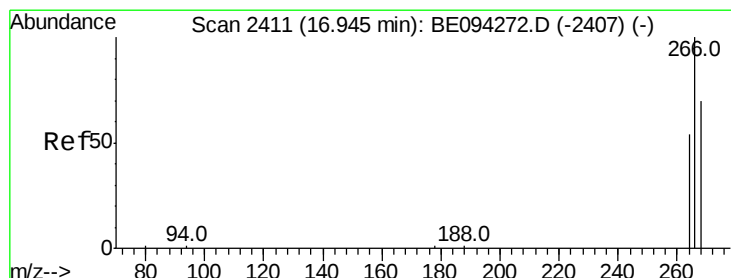
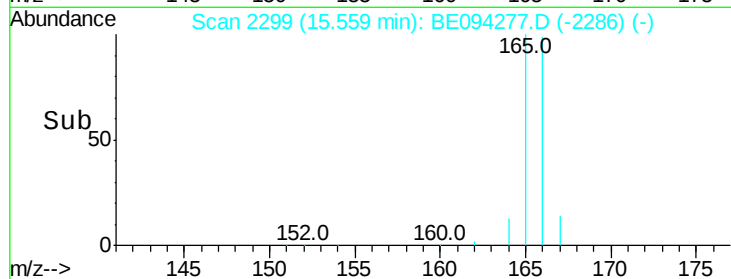
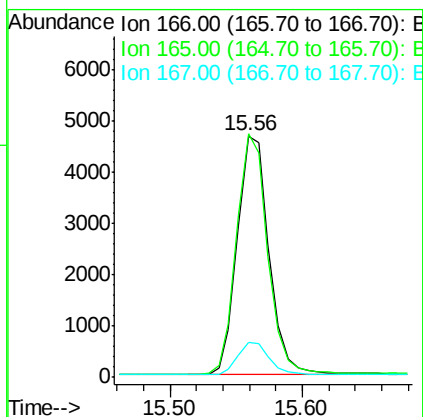
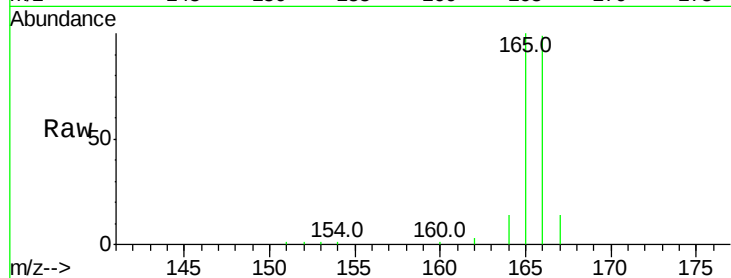




#9
Fluorene
 Concen: 0.383 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

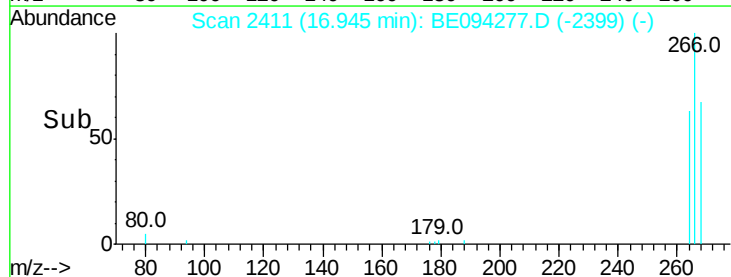
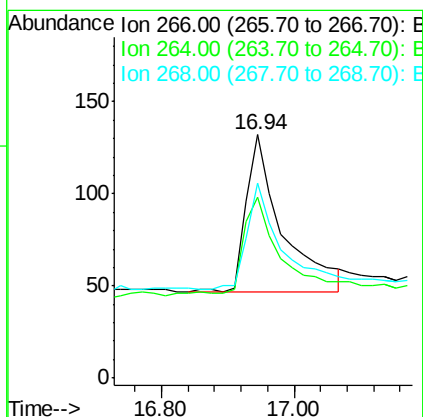
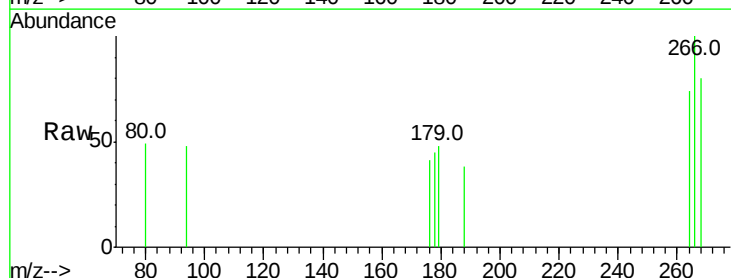
Instrument :
 BNA_E
 ClientSampleId :

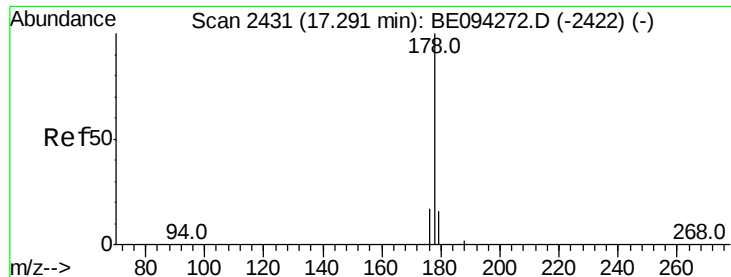
Tot Ion:166 Resp: 7776
 Ion Ratio Lower Upper
 166 100
 165 101.0 73.4 110.2
 167 14.6 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.235 ng/ul
 RT: 16.94 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

Tgt Ion:266 Resp: 320
 Ion Ratio Lower Upper
 266 100
 264 59.1 47.9 71.9
 268 65.9 49.8 74.8





#12

Phenanthrene

Concen: 0.398 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampleId :

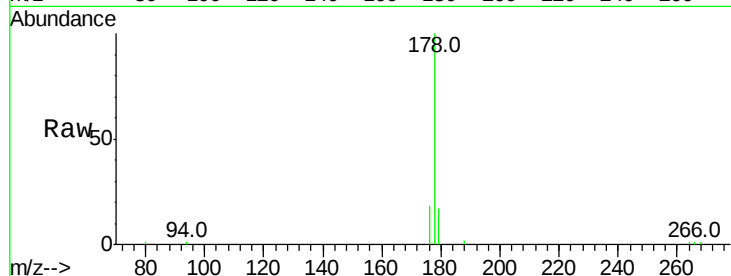
Tot Ion:178 Resp: 12099

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

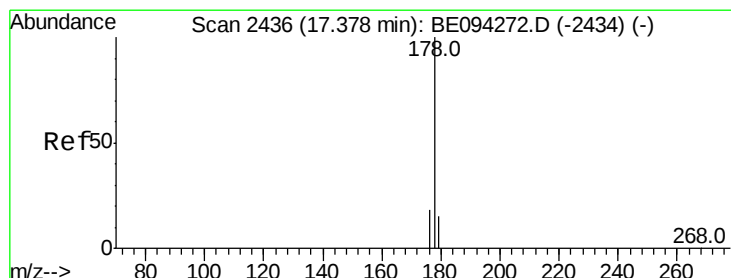
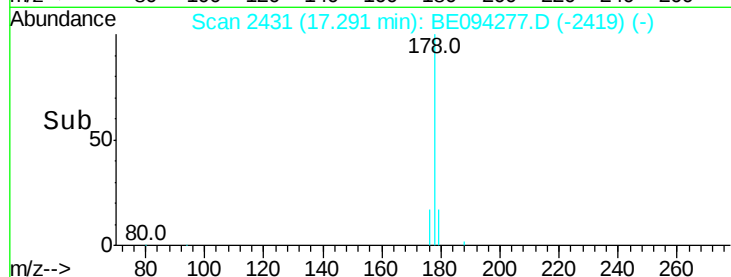
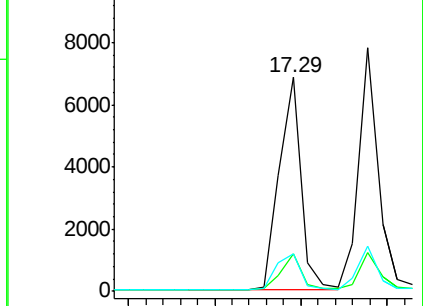
176 17.7 13.6 20.4



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: 0.413 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

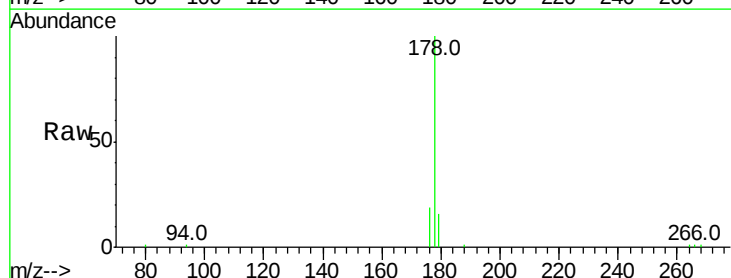
Tgt Ion:178 Resp: 12208

Ion Ratio Lower Upper

178 100

179 16.0 18.1 27.1#

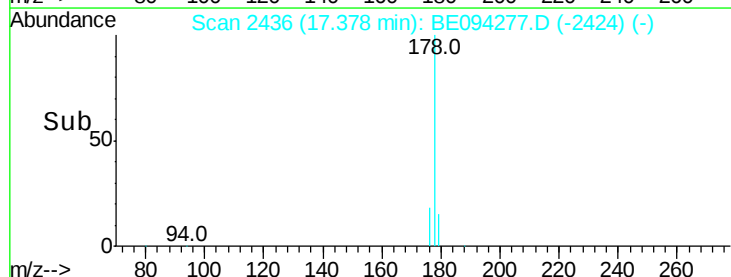
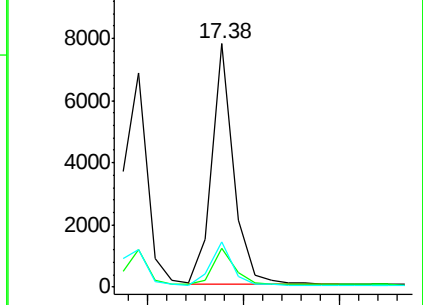
176 18.7 14.7 22.1

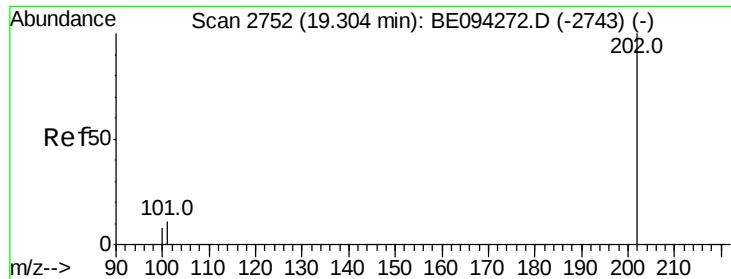


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

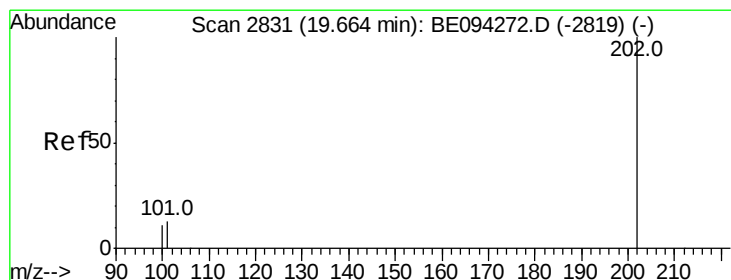
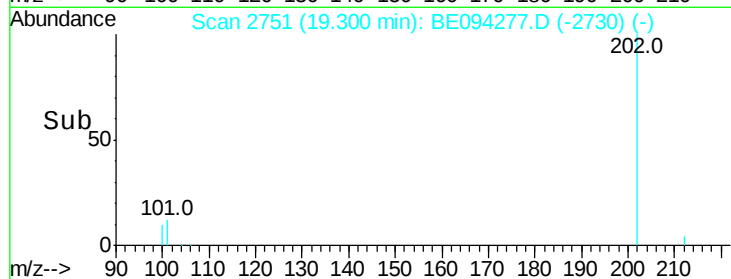
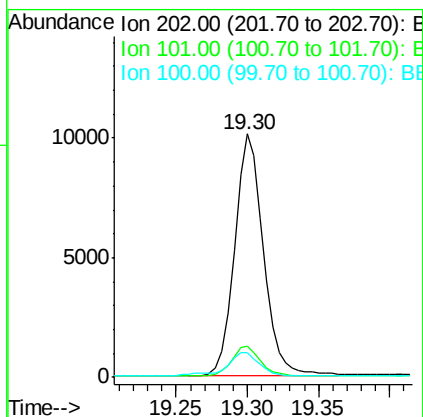
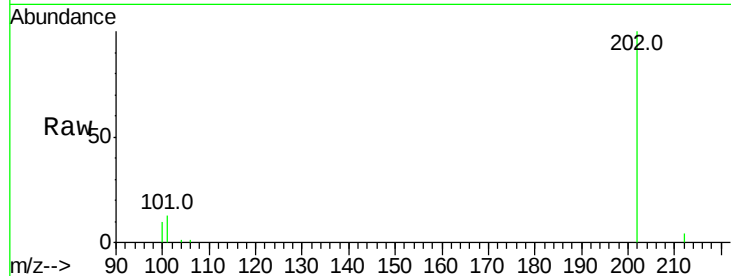




#15
Fluoranthene
 Concen: 0.358 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

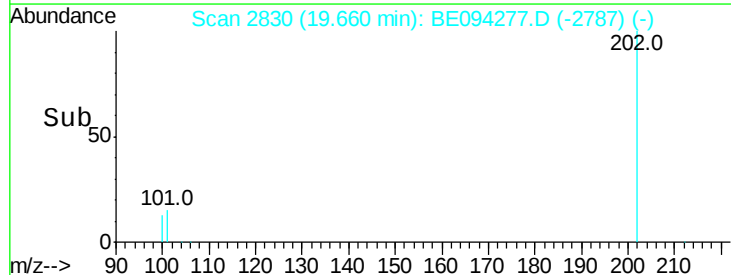
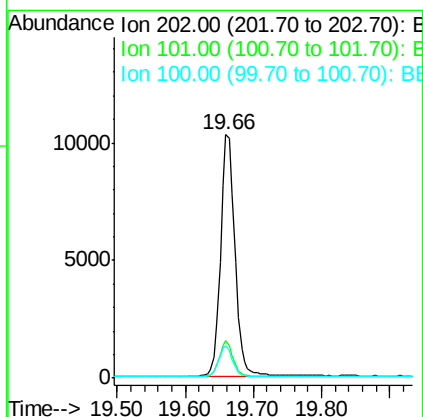
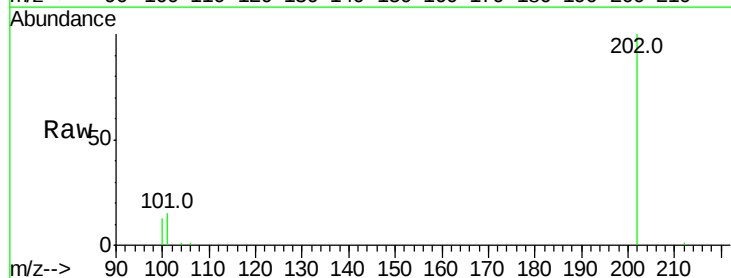
Instrument :
 BNA_E
 ClientSampleId :

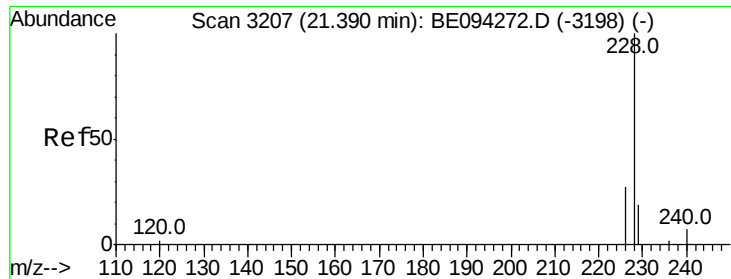
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	10.1	0.0	39.5



#17
Pyrene
 Concen: 0.447 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	18.2	27.4#
100	13.3	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.451 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampled :

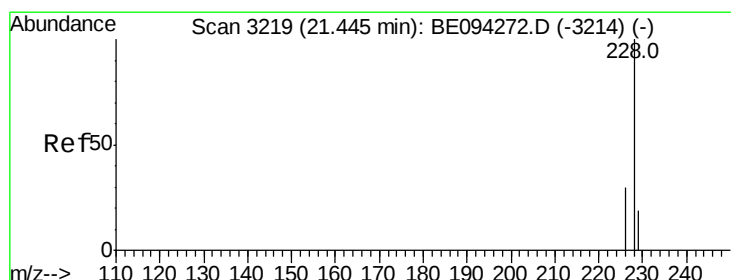
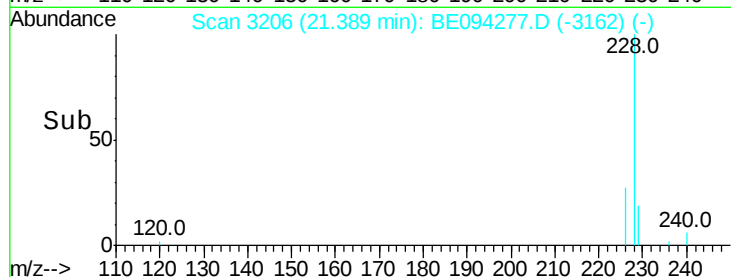
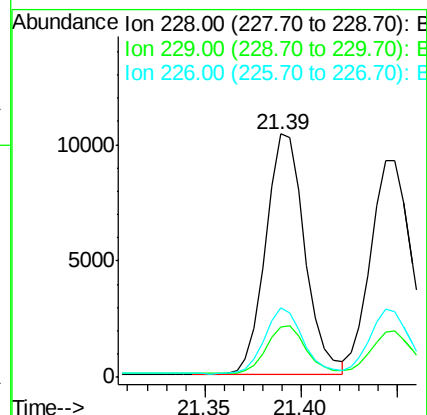
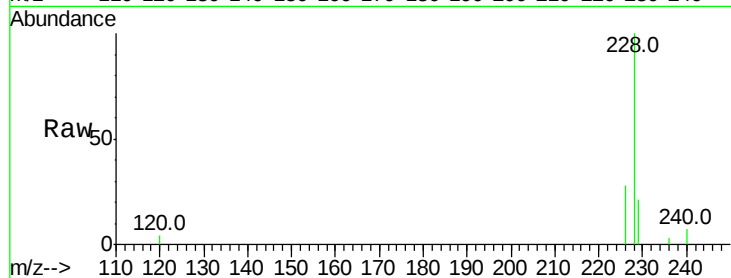
Tot Ion:228 Resp: 14570

Ion Ratio Lower Upper

228 100

229 20.9 22.8 34.2#

226 28.4 17.0 25.6#



#19

Chrysene

Concen: 0.376 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

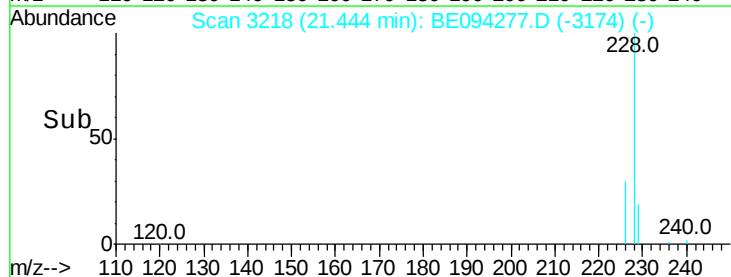
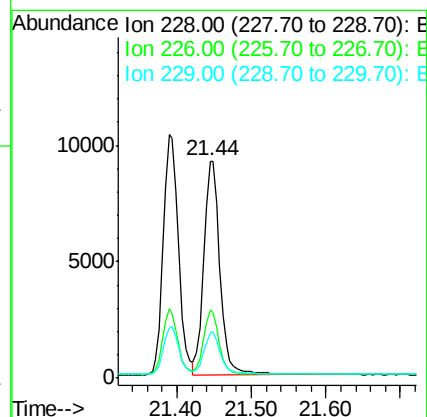
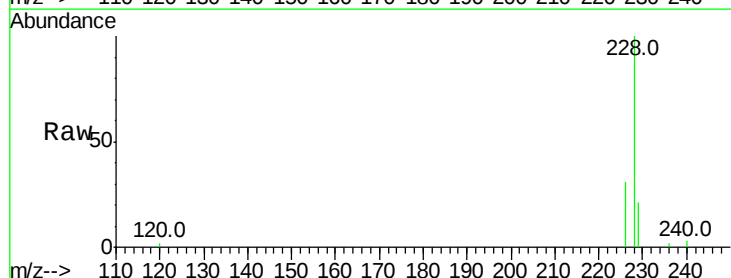
Tgt Ion:228 Resp: 14050

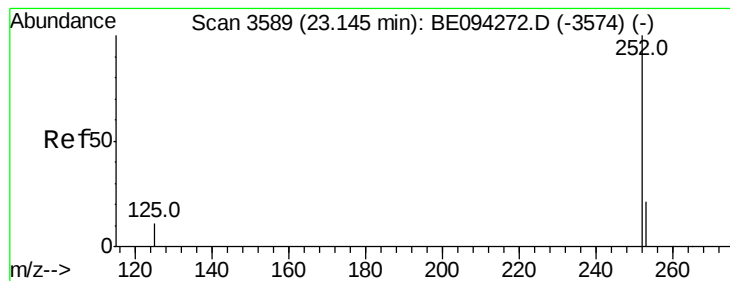
Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

229 21.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.439 ng/ul

RT: 23.15 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampleId :

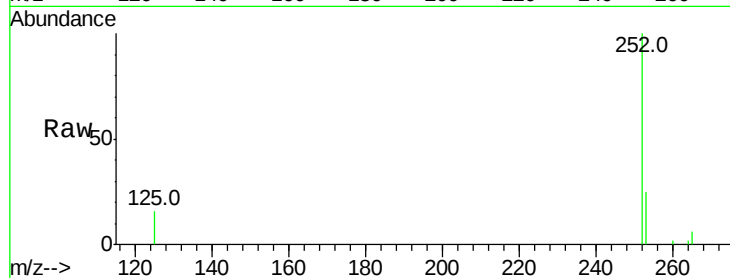
Tot Ion:252 Resp: 14291

Ion Ratio Lower Upper

252 100

253 24.9 0.0 64.2

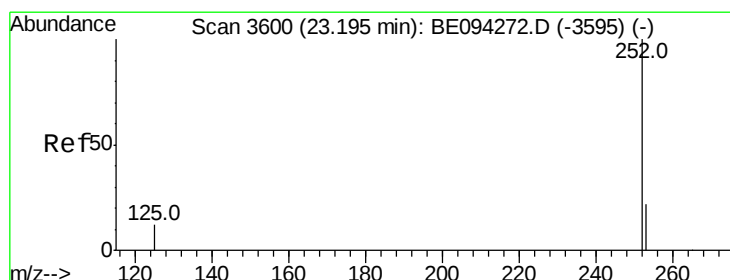
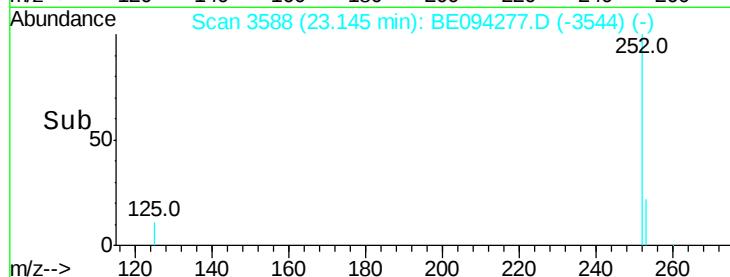
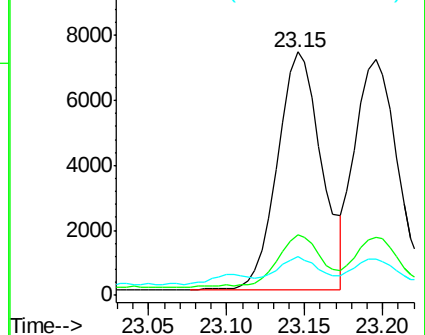
125 15.9 0.0 35.0



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: 0.363 ng/ul

RT: 23.20 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

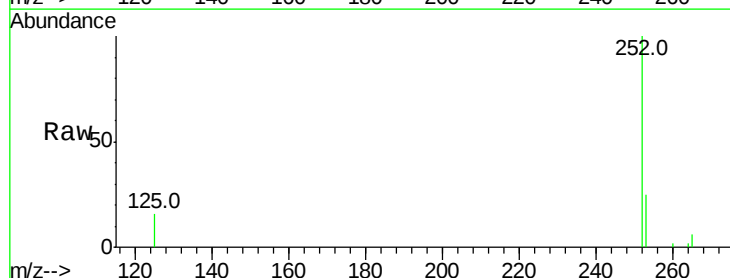
Tgt Ion:252 Resp: 13659

Ion Ratio Lower Upper

252 100

253 24.6 24.5 36.7

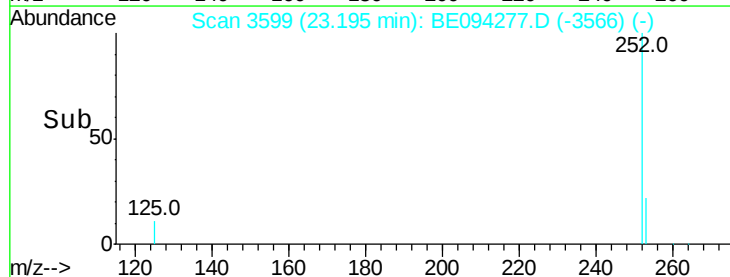
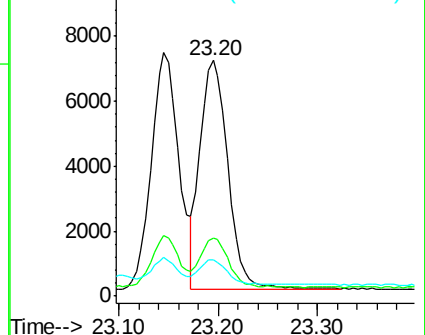
125 15.5 13.7 20.5

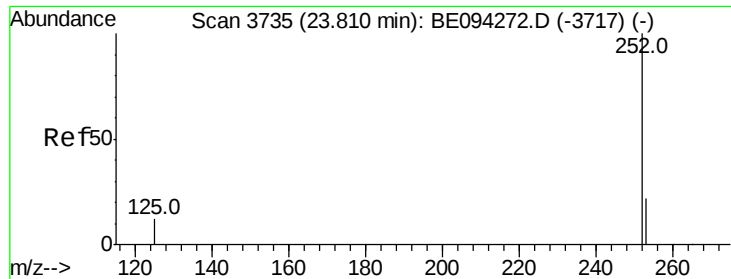


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.81 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

Instrument :

BNA_E

ClientSampleId :

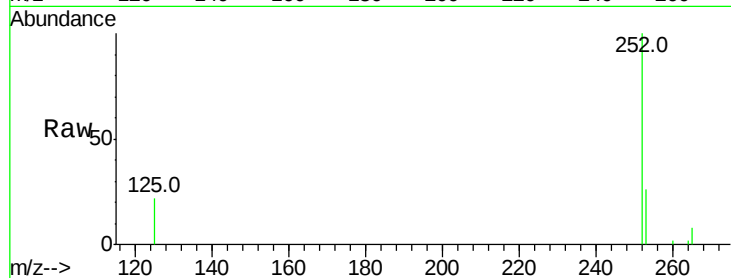
Tot Ion:252 Resp: 13669

Ion Ratio Lower Upper

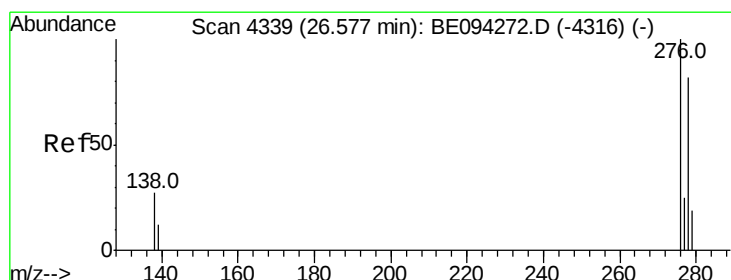
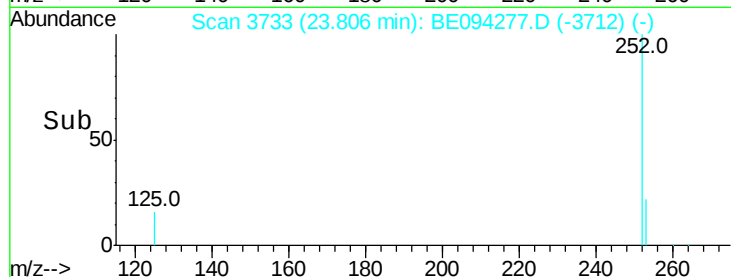
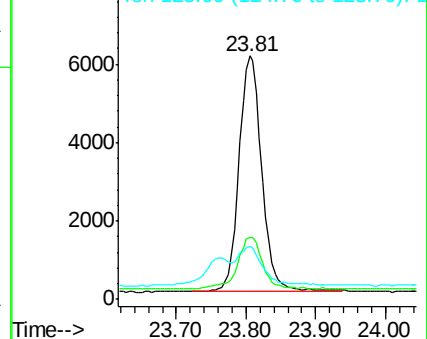
252 100

253 25.6 28.5 42.7#

125 21.7 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: 0.424 ng/ul

RT: 26.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BE094277.D

Acq: 11 Oct 2017 12:25

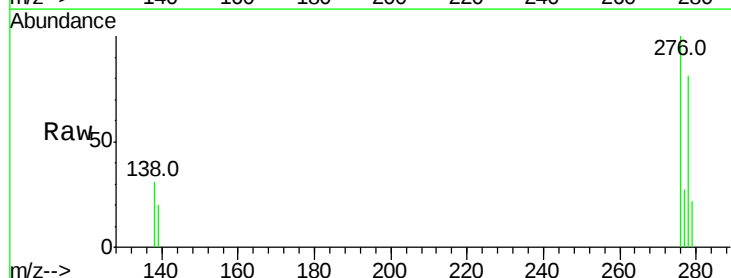
Tgt Ion:276 Resp: 14659

Ion Ratio Lower Upper

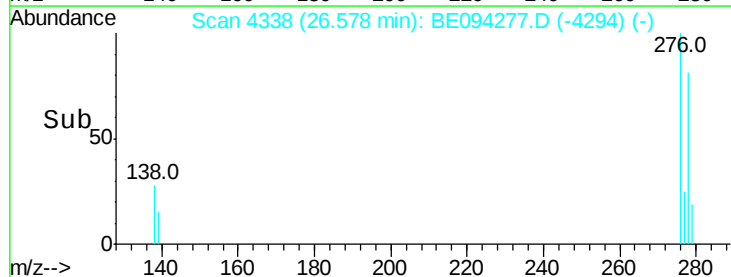
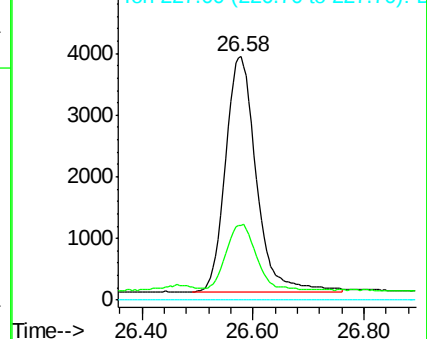
276 100

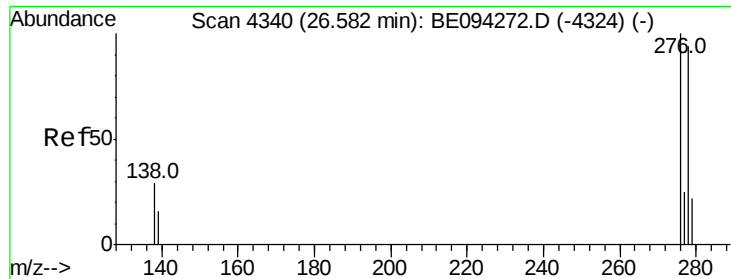
138 26.7 28.0 42.0#

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

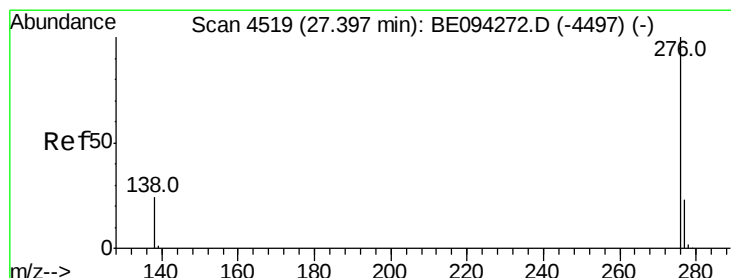
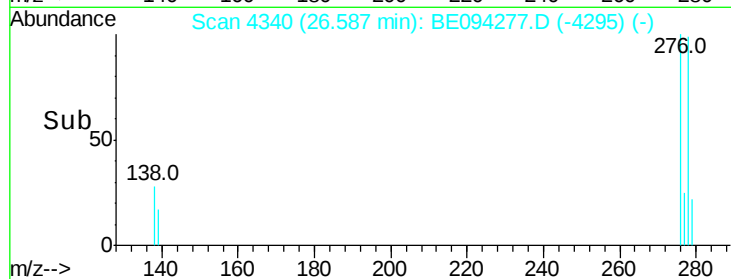
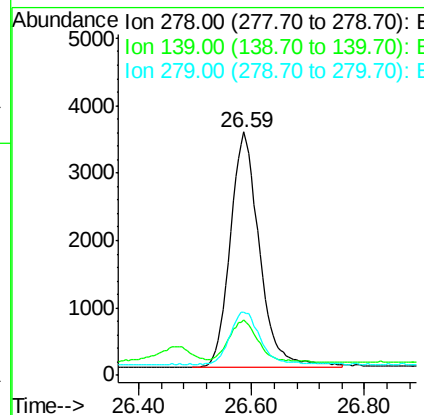
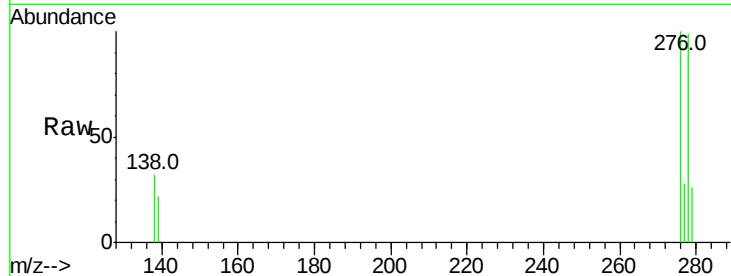




#25
 Dibenzo(a,h)anthracene
 Concen: 0.426 ng/u1
 RT: 26.59 min Scan# 4340
 Delta R.T. 0.01 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:278 Resp: 12352
 Ion Ratio Lower Upper
 278 100
 139 22.7 17.4 26.0
 279 26.2 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.399 ng/u1
 RT: 27.40 min Scan# 4518
 Delta R.T. 0.00 min
 Lab File: BE094277.D
 Acq: 11 Oct 2017 12:25

Tgt Ion:276 Resp: 11909
 Ion Ratio Lower Upper
 276 100
 138 28.5 21.8 32.8
 277 27.3 20.5 30.7

