

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094324.D
 Acq On : 13 Oct 2017 14:34
 Operator : SJ/JU
 Sample : I5568-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:18:27 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 02:15:10 2017
 Response via : Initial Calibration

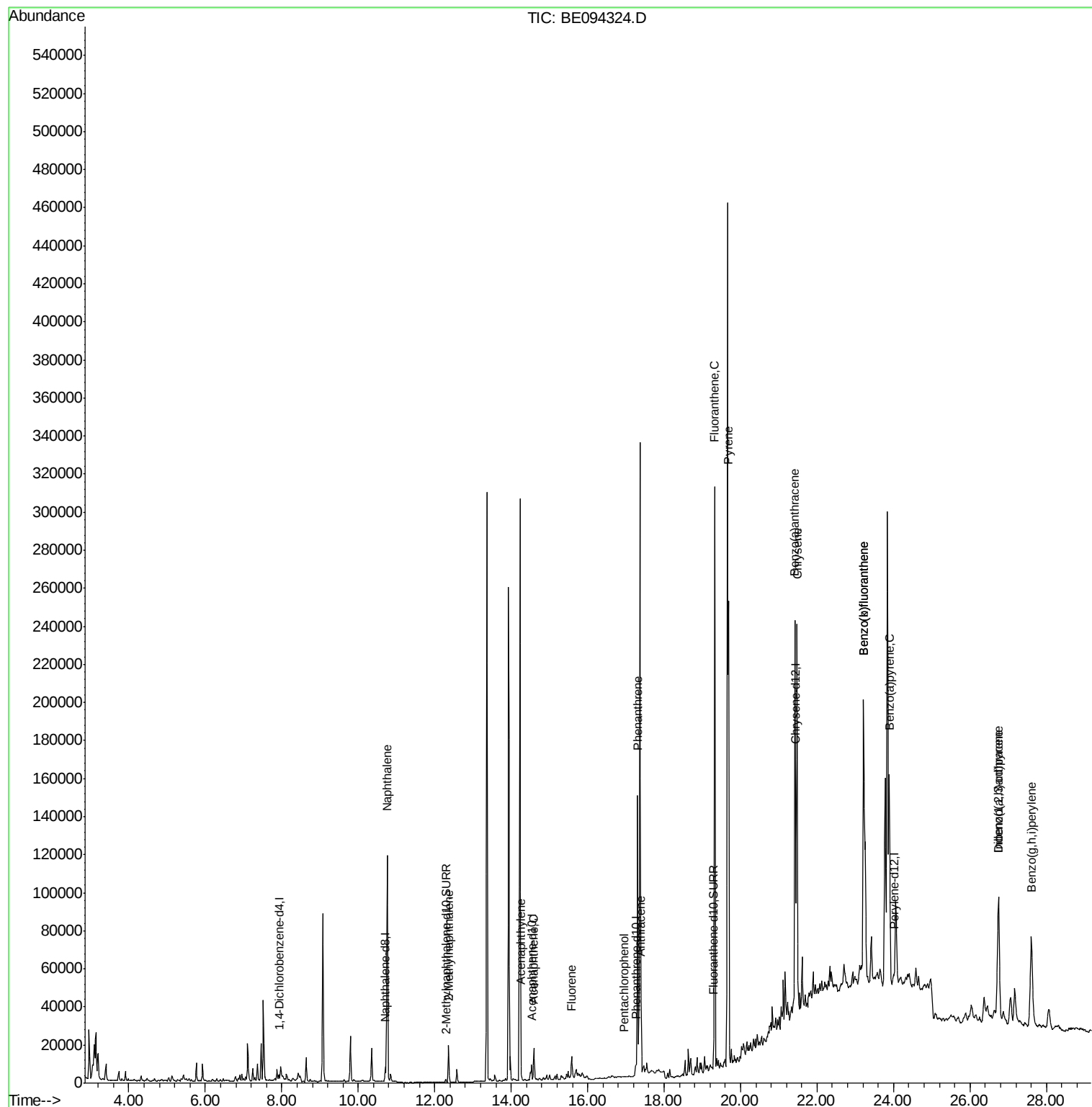
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8208	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4857	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9301	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9275	0.40	ng/ul	0.01
20) Perylene-d12	24.00	264	11596	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2523	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	5828	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	183848	9.145	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	16558	1.270	ng/ul	98
7) Acenaphthylene	14.26	152	4463	0.236	ng/ul#	89
8) Acenaphthene	14.60	153	10445	0.670	ng/ul	98
9) Fluorene	15.58	166	8149	0.446	ng/ul	93
11) Pentachlorophenol	16.95	266	207	0.190	ng/ul#	57
12) Phenanthrene	17.31	178	169087	6.957	ng/ul#	92
13) Anthracene	17.40	178	40662	1.720	ng/ul#	92
15) Fluoranthene	19.32	202	351288	11.000	ng/ul	84
17) Pyrene	19.69	202	318929	12.359	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	190622	7.747	ng/ul#	92
19) Chrysene	21.48	228	256690	9.034	ng/ul#	91
21) Benzo(b)fluoranthene	23.22	252	369871	11.742	ng/ul	86
22) Benzo(k)fluoranthene	23.22	252	369871	10.158	ng/ul#	87
23) Benzo(a)pyrene	23.89	252	177231	5.414	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.75	276	125054	3.735	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.74	278	41622	1.482	ng/ul#	22
26) Benzo(g,h,i)perylene	27.61	276	125526	4.346	ng/ul#	82

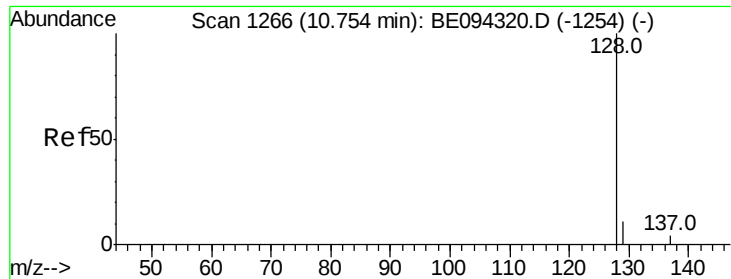
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 9.145 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

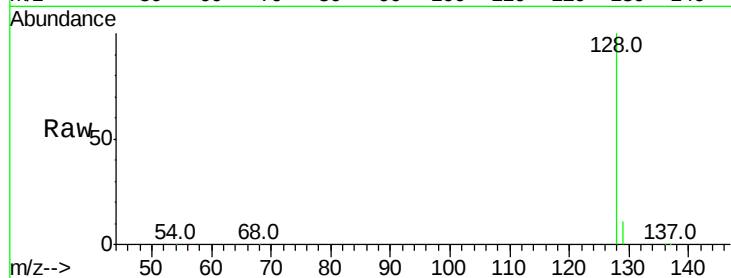
Tot Ion:128 Resp: 183848

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

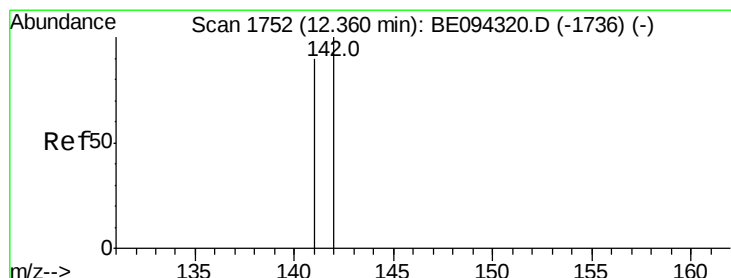
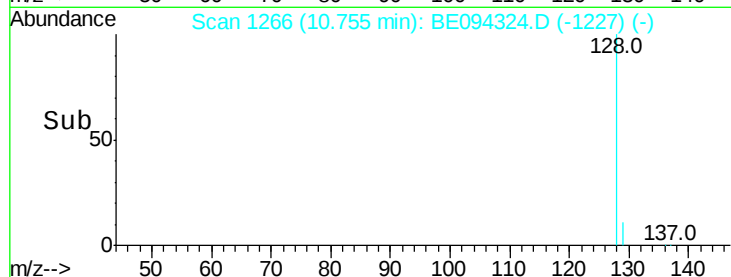
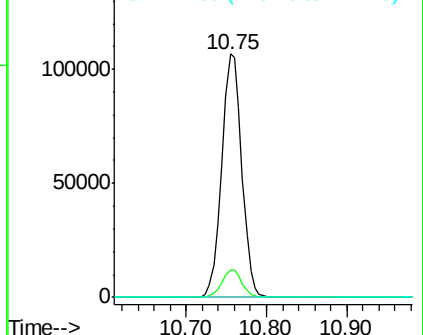
127 0.0 4.0 6.0#



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: 1.270 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BE094324.D

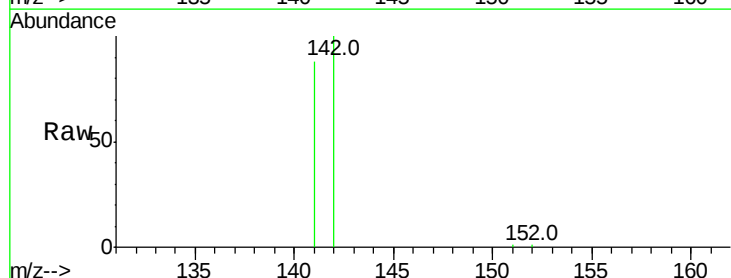
Acq: 13 Oct 2017 14:34

Tgt Ion:142 Resp: 16558

Ion Ratio Lower Upper

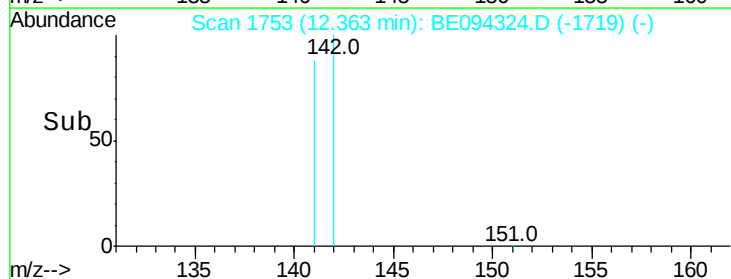
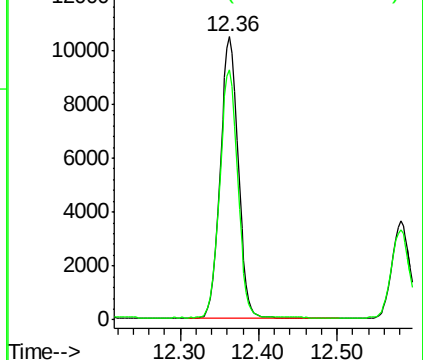
142 100

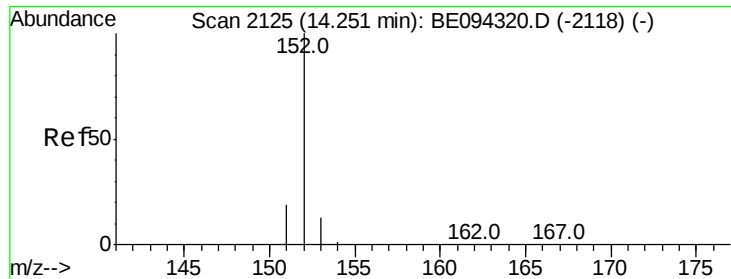
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.236 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

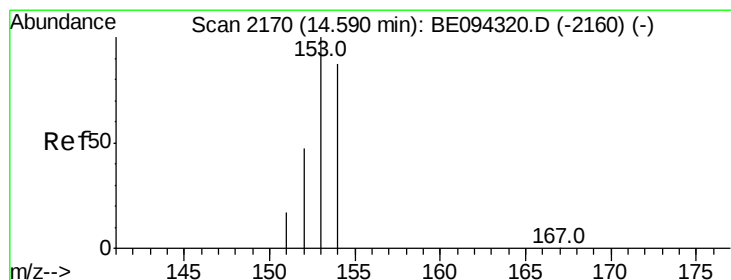
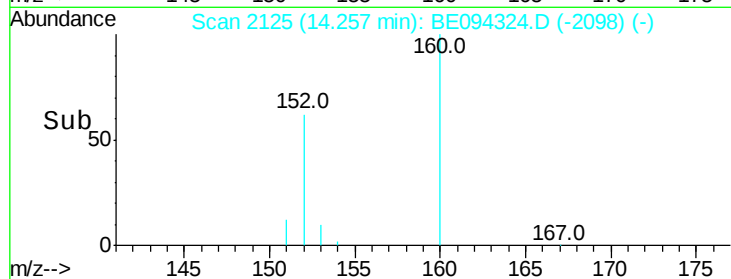
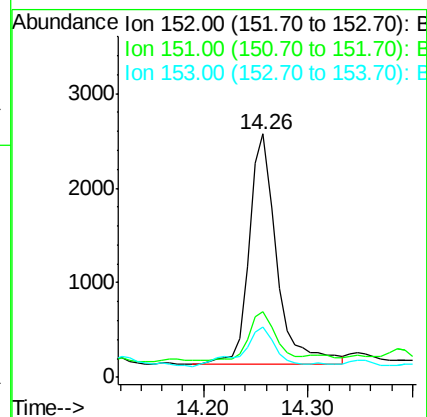
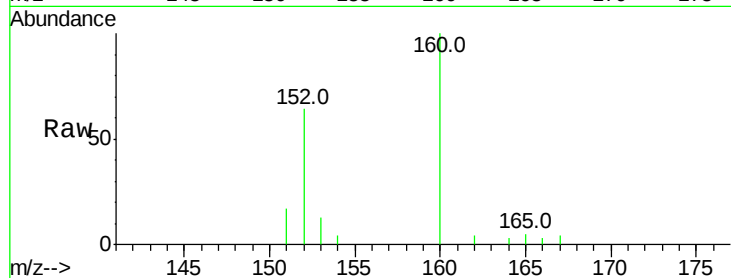
Tot Ion:152 Resp: 4463

Ion Ratio Lower Upper

152 100

151 26.9 17.1 25.7#

153 20.8 12.8 19.2#



#8

Acenaphthene

Concen: 0.670 ng/ul

RT: 14.60 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

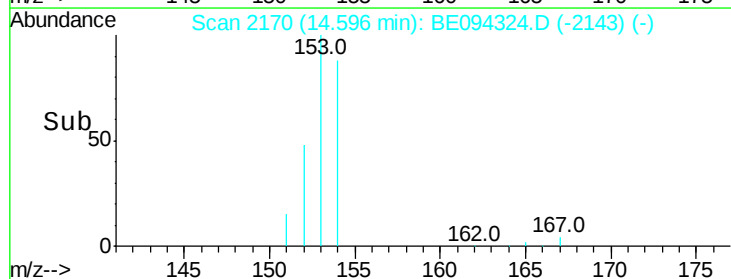
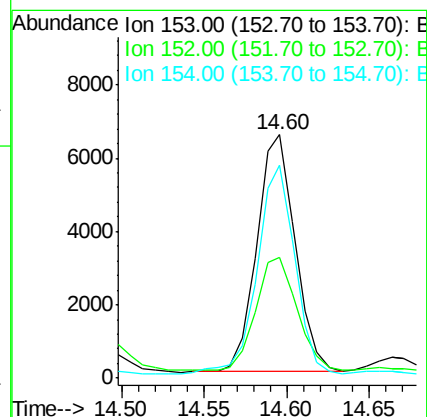
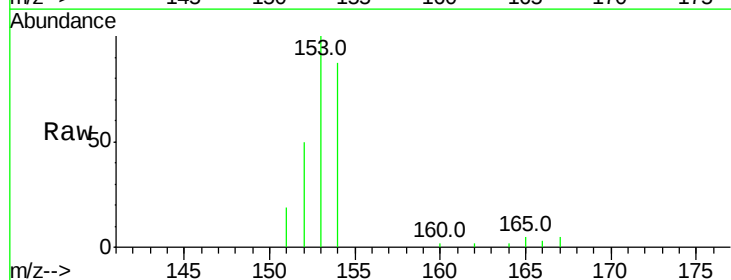
Tgt Ion:153 Resp: 10445

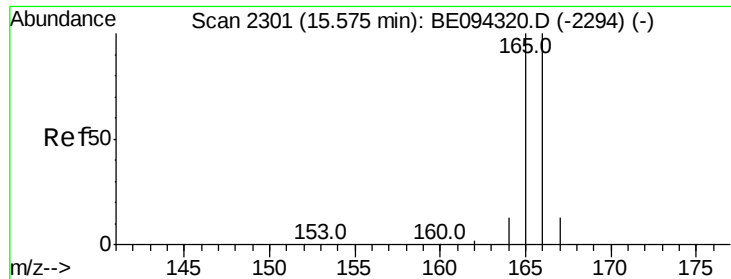
Ion Ratio Lower Upper

153 100

152 49.7 40.3 60.5

154 87.3 71.4 107.2





#9

Fluorene

Concen: 0.446 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

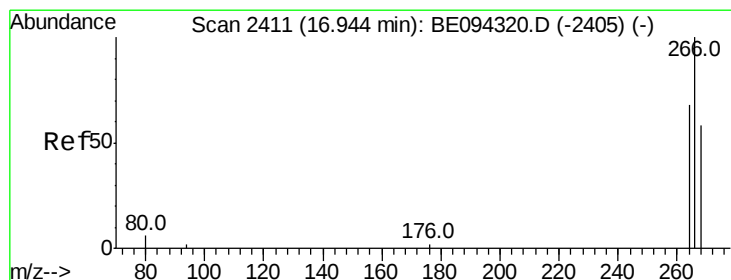
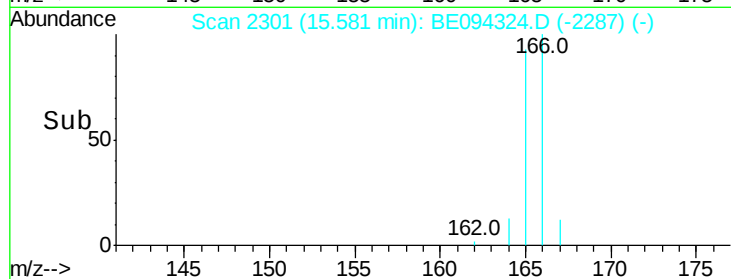
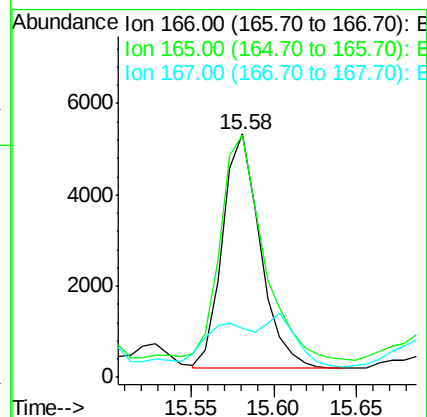
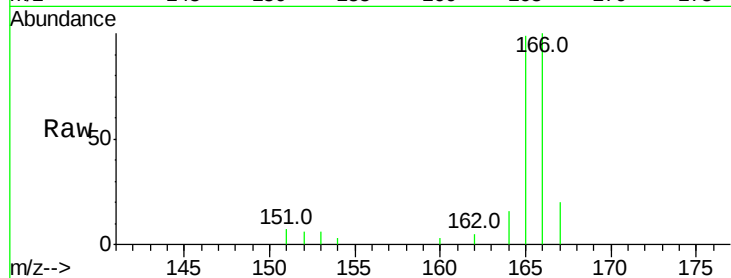
Tot Ion:166 Resp: 8149

Ion Ratio Lower Upper

166 100

165 99.5 73.4 110.2

167 20.1 14.6 22.0



#11

Pentachlorophenol

Concen: 0.190 ng/ul

RT: 16.95 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

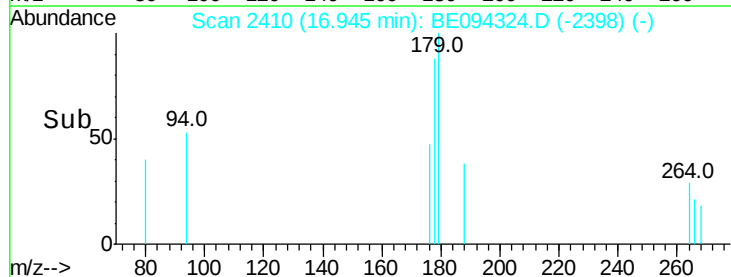
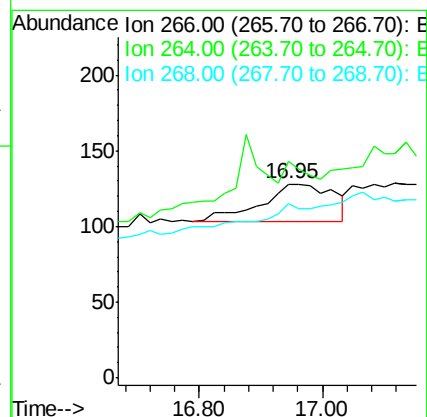
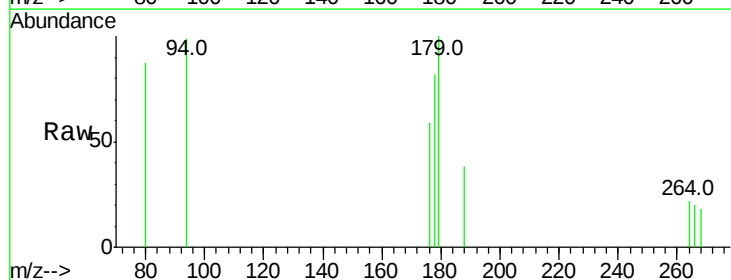
Tgt Ion:266 Resp: 207

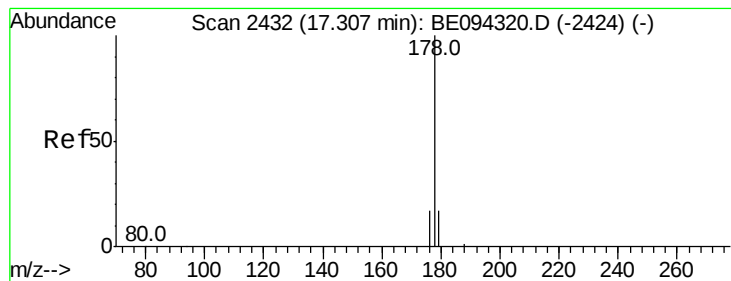
Ion Ratio Lower Upper

266 100

264 17.9 47.9 71.9#

268 38.2 49.8 74.8#





#12

Phenanthrene

Concen: 6.957 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

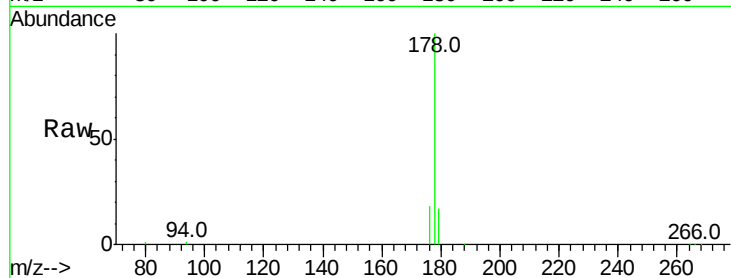
Tot Ion:178 Resp: 169087

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

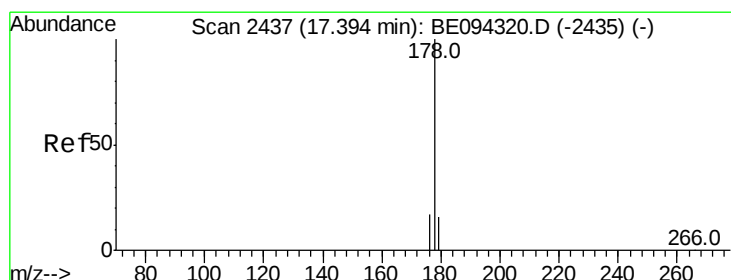
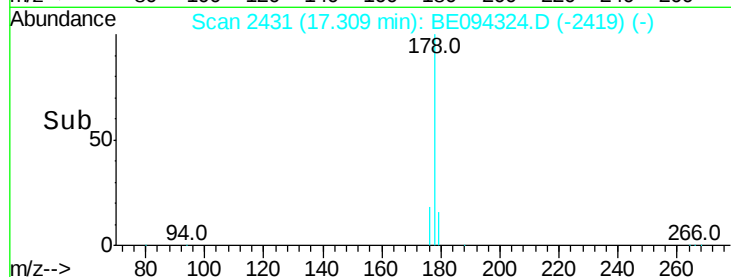
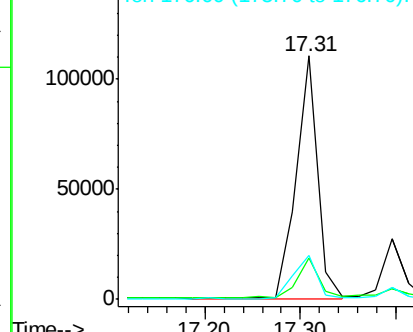
176 18.1 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

150000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.720 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

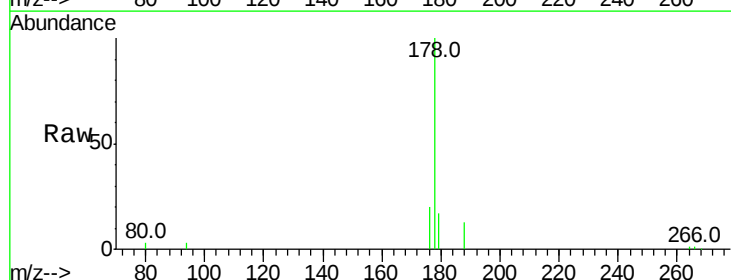
Tgt Ion:178 Resp: 40662

Ion Ratio Lower Upper

178 100

179 17.4 18.1 27.1#

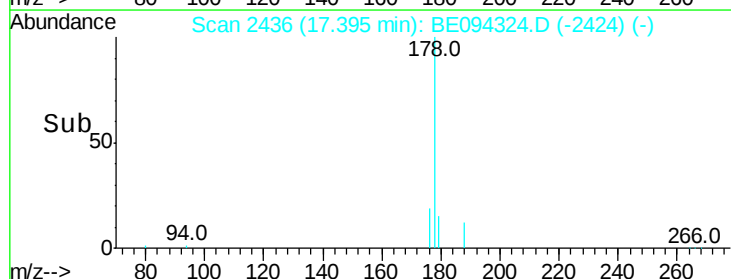
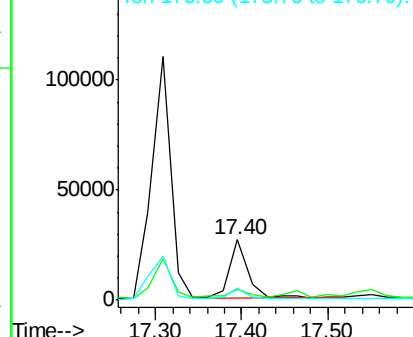
176 19.9 14.7 22.1

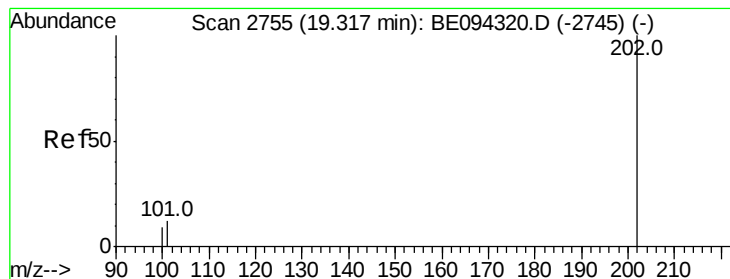


Abundance Ion 178.00 (177.70 to 178.70): E

150000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 11.000 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

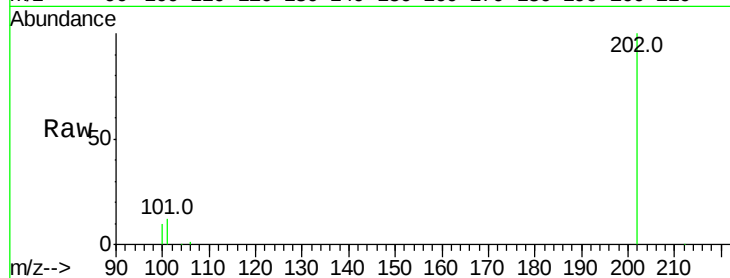
Tot Ion:202 Resp: 351288

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

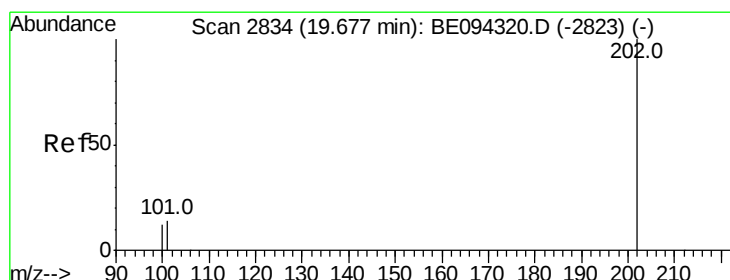
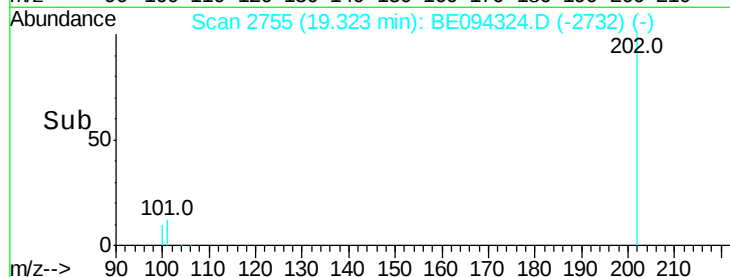
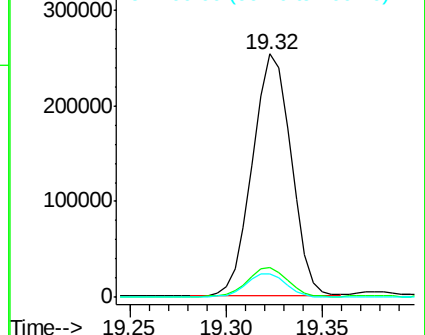
100 9.7 0.0 39.5



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: 12.359 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

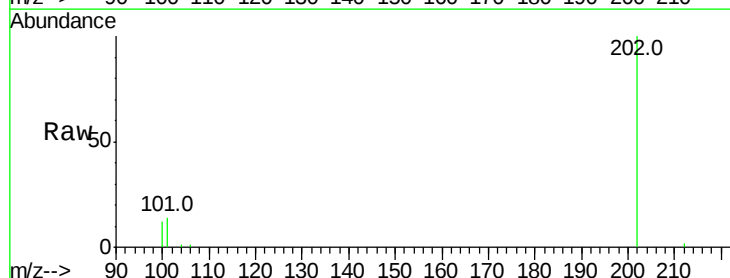
Tgt Ion:202 Resp: 318929

Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

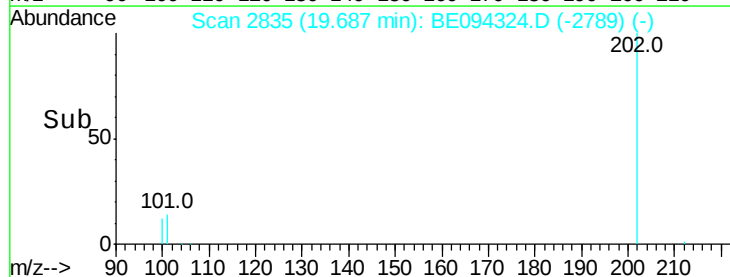
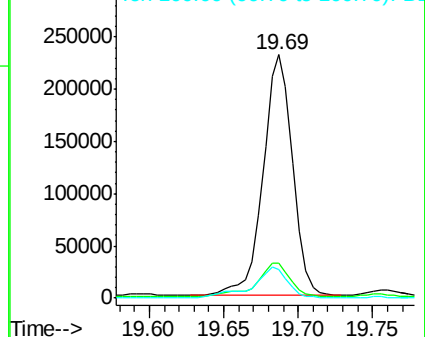
100 11.8 15.6 23.4#

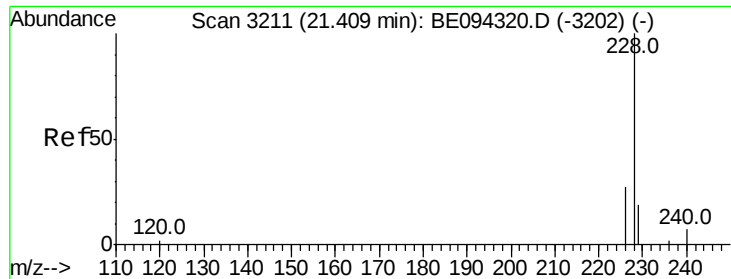


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 7.747 ng/ul

RT: 21.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :

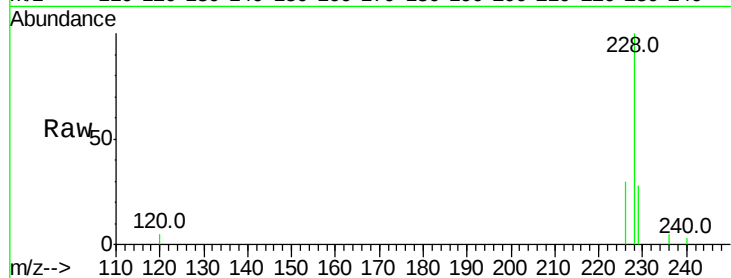
Tot Ion:228 Resp: 190622

Ion Ratio Lower Upper

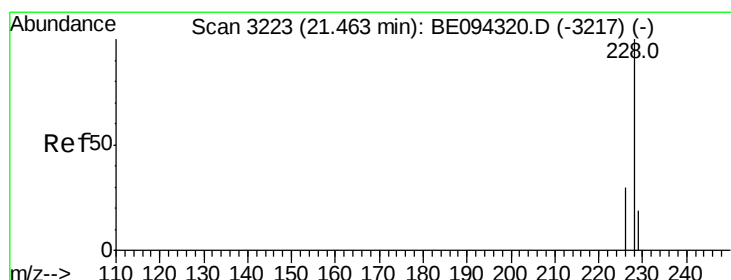
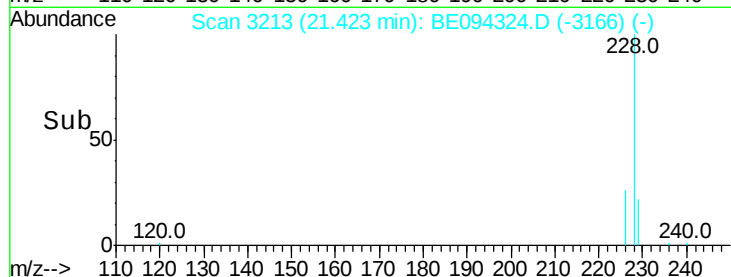
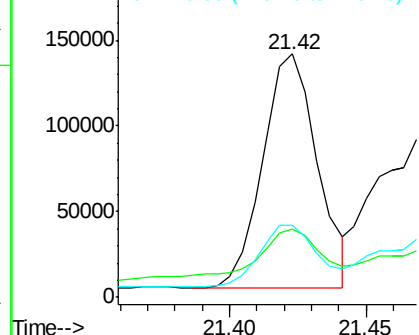
228 100

229 28.0 22.8 34.2

226 29.7 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: 9.034 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

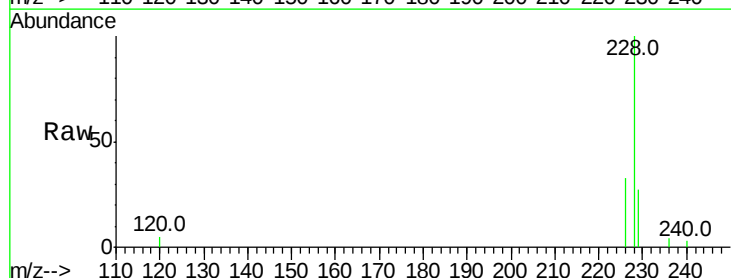
Tgt Ion:228 Resp: 256690

Ion Ratio Lower Upper

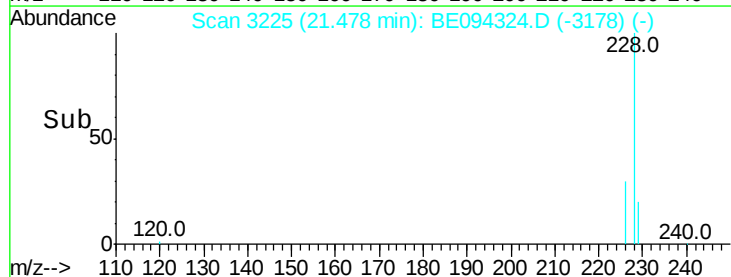
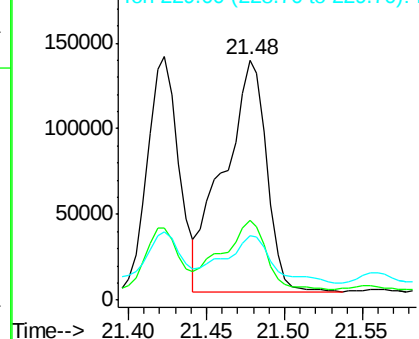
228 100

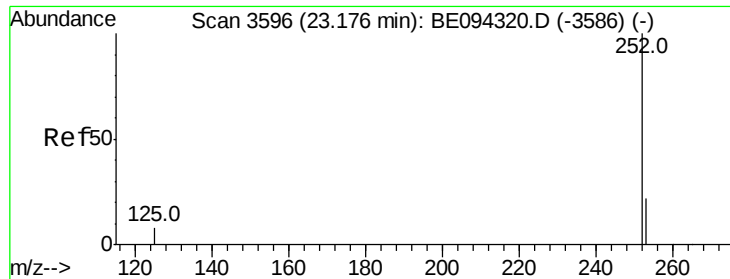
226 33.2 23.4 35.0

229 26.9 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

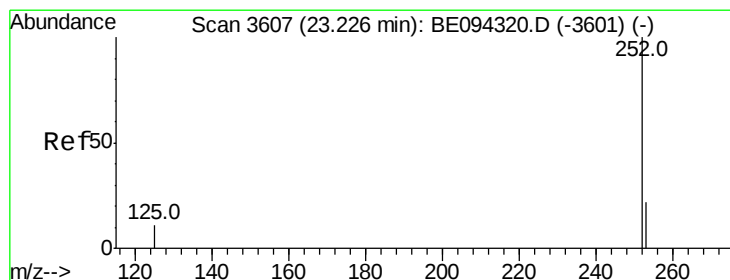
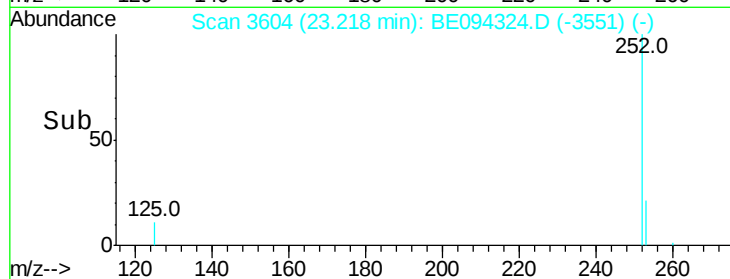
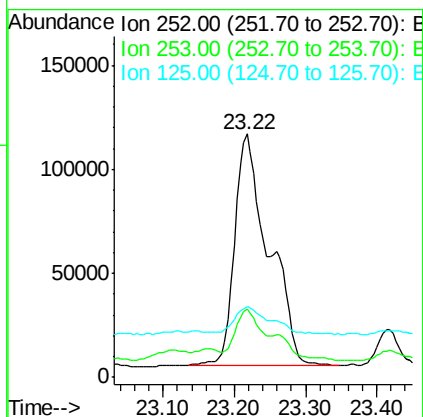
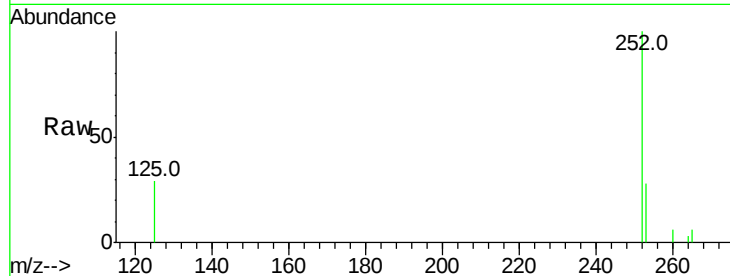




#21
Benzo(b)fluoranthene
Concen: 11.742 ng/ul
RT: 23.22 min Scan# 3604
Delta R.T. 0.04 min
Lab File: BE094324.D
Acq: 13 Oct 2017 14:34

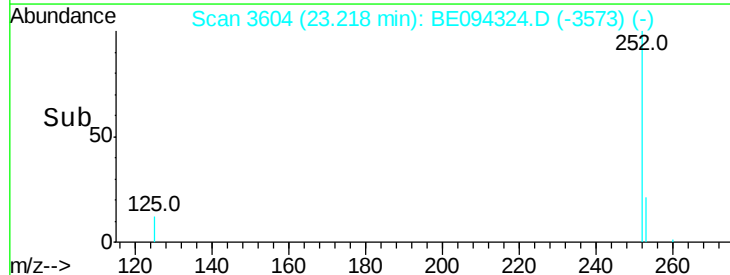
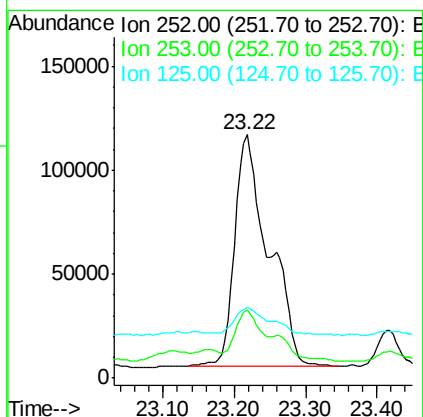
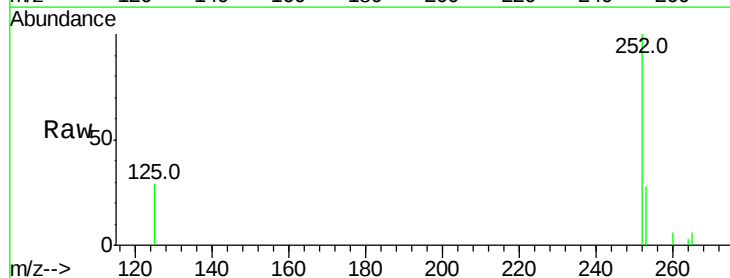
Instrument :
BNA_E
ClientSampleId :

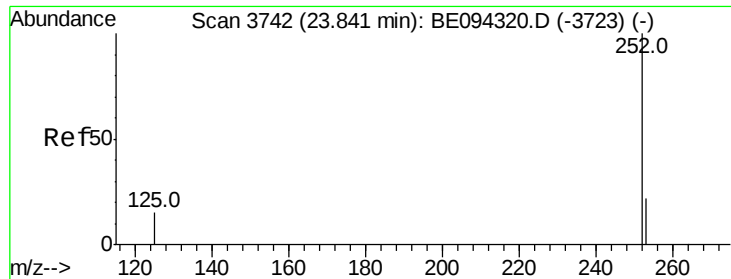
Tot Ion:252 Resp: 369871
Ion Ratio Lower Upper
252 100
253 27.8 0.0 64.2
125 29.0 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 10.158 ng/ul
RT: 23.22 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094324.D
Acq: 13 Oct 2017 14:34

Tgt Ion:252 Resp: 369871
Ion Ratio Lower Upper
252 100
253 27.8 24.5 36.7
125 29.0 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 5.414 ng/ul

RT: 23.89 min Scan# 3752

Delta R.T. 0.05 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampled :

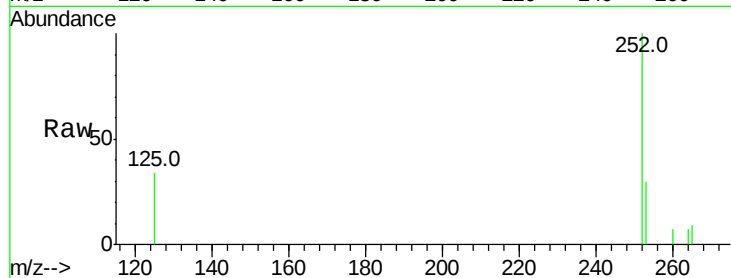
Tot Ion:252 Resp: 177231

Ion Ratio Lower Upper

252 100

253 29.9 28.5 42.7

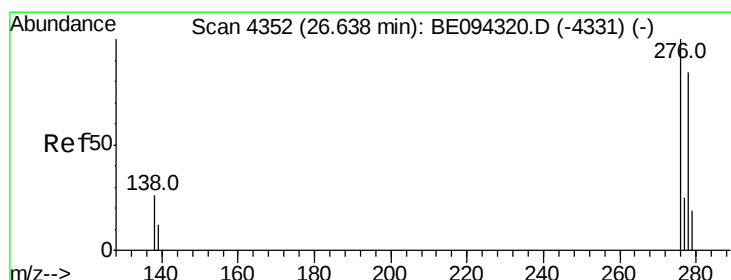
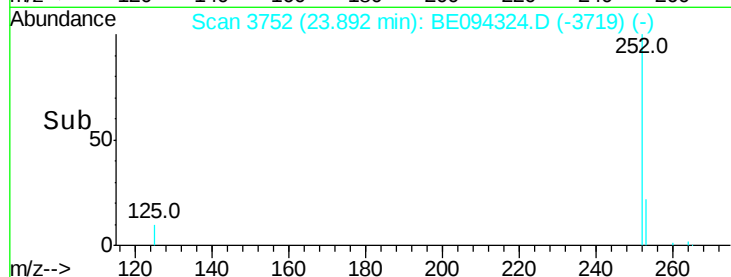
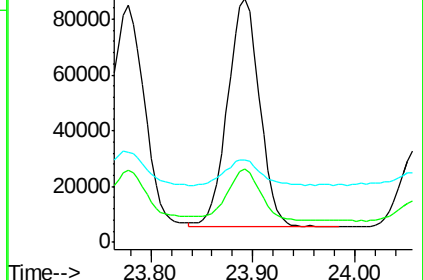
125 33.7 18.1 27.1#



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: 3.735 ng/ul

RT: 26.75 min Scan# 4375

Delta R.T. 0.11 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

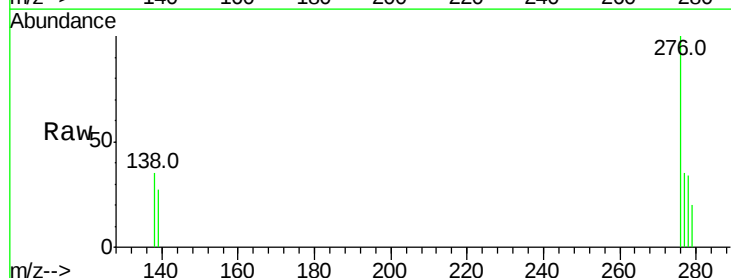
Tgt Ion:276 Resp: 125054

Ion Ratio Lower Upper

276 100

138 25.3 28.0 42.0#

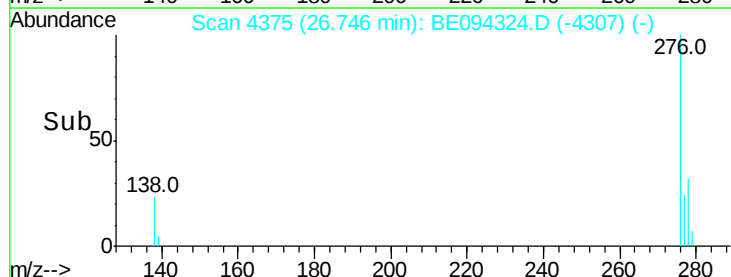
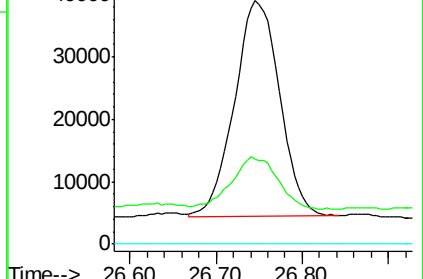
227 0.0 8.0 12.0#

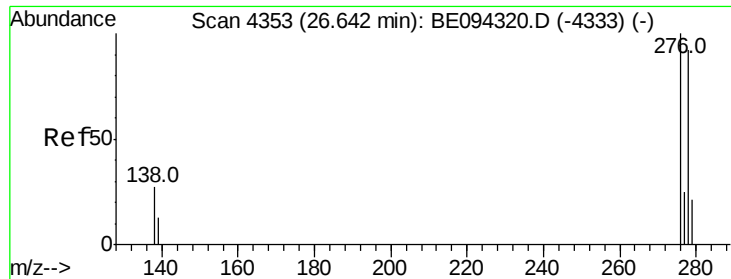


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.482 ng/ul

RT: 26.74 min Scan# 4373

Delta R.T. 0.09 min

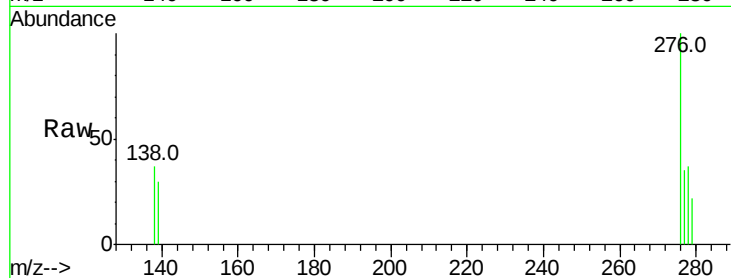
Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Instrument :

BNA_E

ClientSampleId :



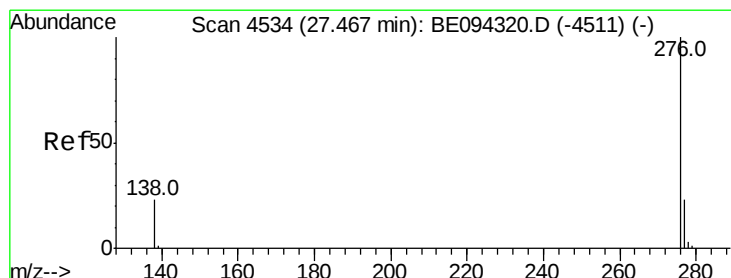
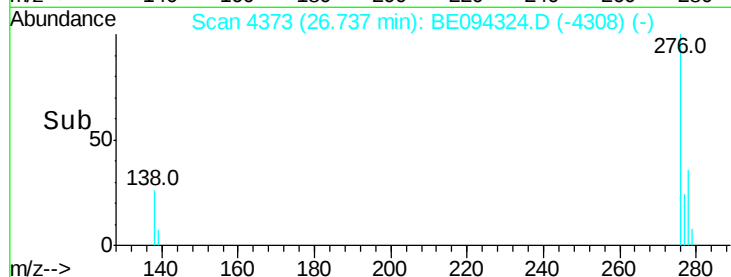
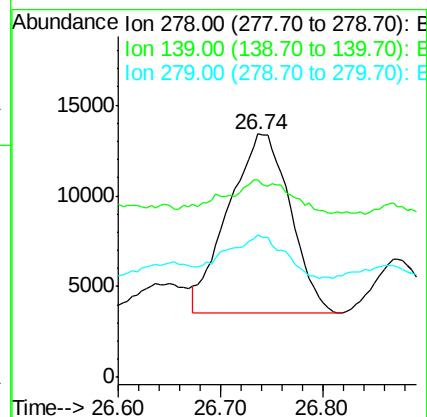
Tot Ion:278 Resp: 41622

Ion Ratio Lower Upper

278 100

139 81.0 17.4 26.0#

279 58.5 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 4.346 ng/ul

RT: 27.61 min Scan# 4564

Delta R.T. 0.14 min

Lab File: BE094324.D

Acq: 13 Oct 2017 14:34

Tgt Ion:276 Resp: 125526

Ion Ratio Lower Upper

276 100

138 35.9 21.8 32.8#

277 35.3 20.5 30.7#

