

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094632.D
 Acq On : 28 Oct 2017 20:49
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.464

Quant Time: Oct 30 02:59:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

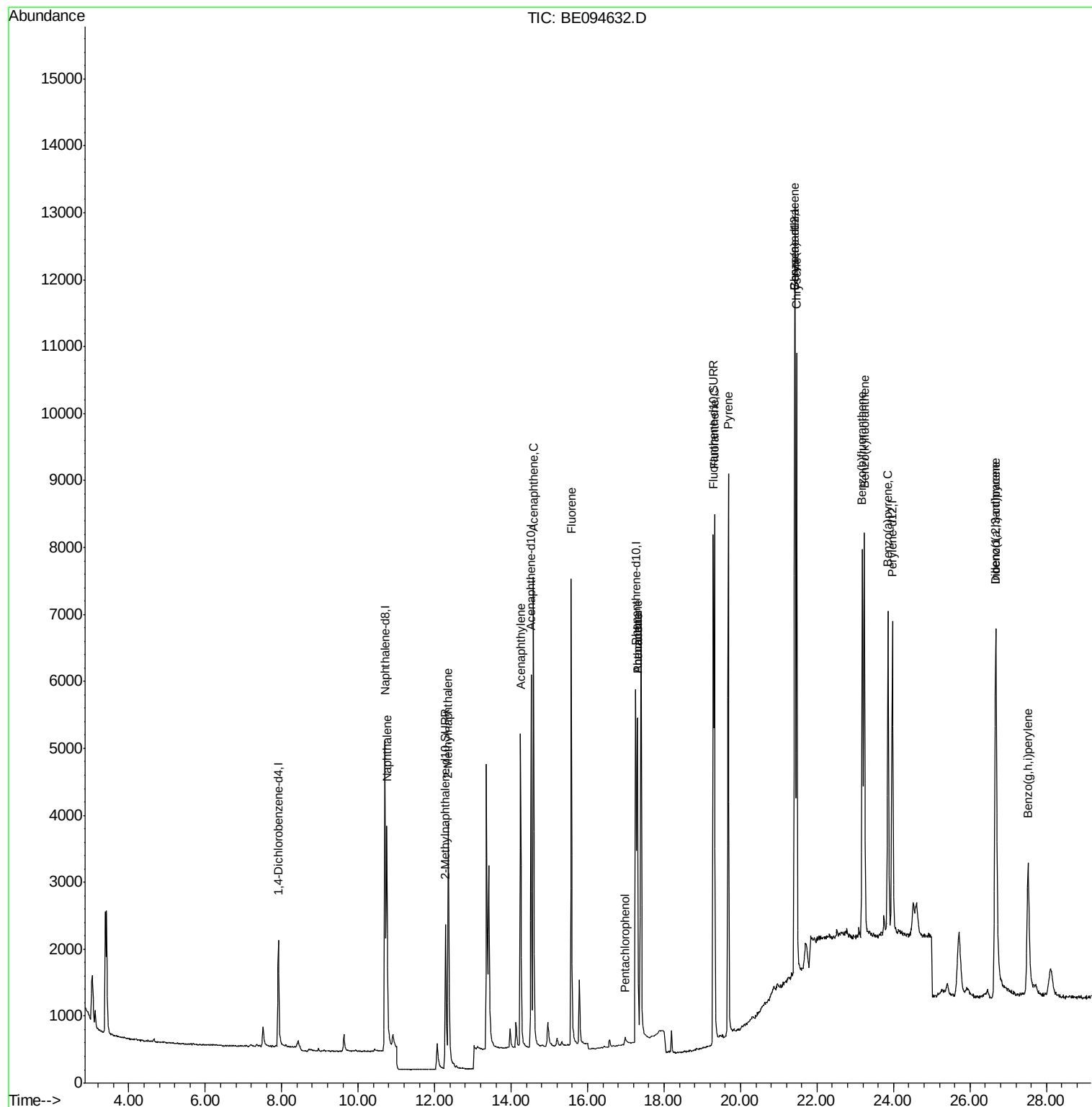
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1123	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6614	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3608	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8012	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8090	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7897	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4170	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9676	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6203	0.38	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4379	0.39	ng/ul	98
7) Acenaphthylene	14.24	152	6661	0.41	ng/ul	97
8) Acenaphthene	14.58	153	4643	0.40	ng/ul	97
9) Fluorene	15.57	166	5197	0.39	ng/ul	91
11) Pentachlorophenol	16.98	266	258	0.64	ng/ul	95
12) Phenanthrene	17.31	178	8134	0.38	ng/ul	95
13) Anthracene	17.31	178	8122	0.39	ng/ul	95
15) Fluoranthene	19.32	202	9916	0.41	ng/ul	84
17) Pyrene	19.68	202	10469	0.42	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	9839	0.43	ng/ul#	89
19) Chrysene	21.47	228	9344	0.39	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	8890	0.40	ng/ul	94
22) Benzo(k)fluoranthene	23.24	252	9566	0.40	ng/ul#	94
23) Benzo(a)pyrene	23.86	252	8953	0.40	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.67	276	8584	0.37	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.67	278	7570	0.39	ng/ul#	92
26) Benzo(g,h,i)perylene	27.51	276	6305	0.34	ng/ul#	86

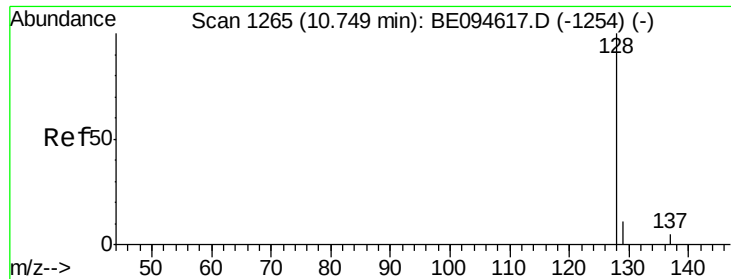
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.38 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

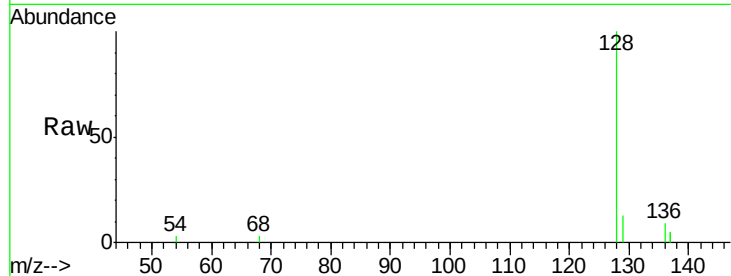
Tot Ion:128 Resp: 6203

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

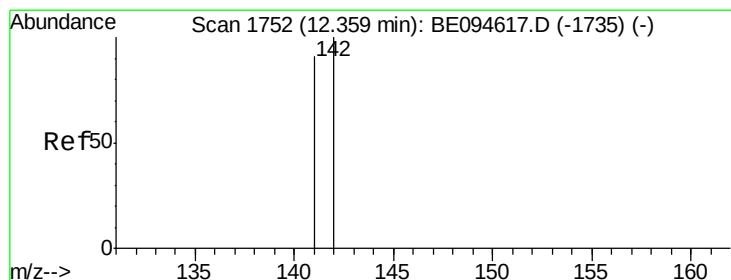
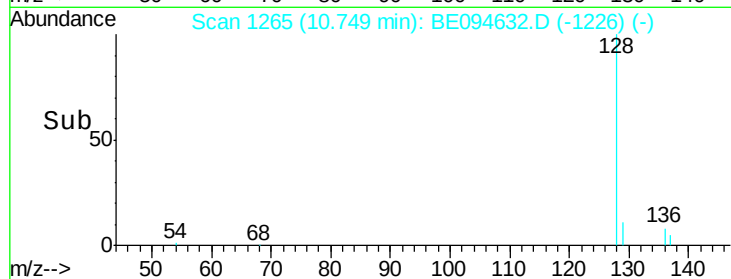
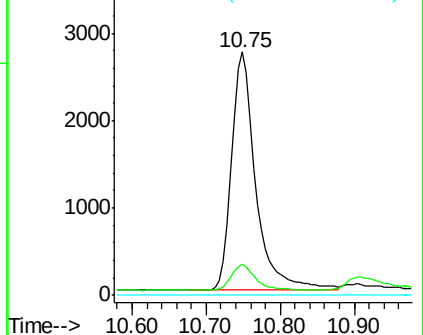
127 0.0 4.0 6.0#



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: 0.39 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE094632.D

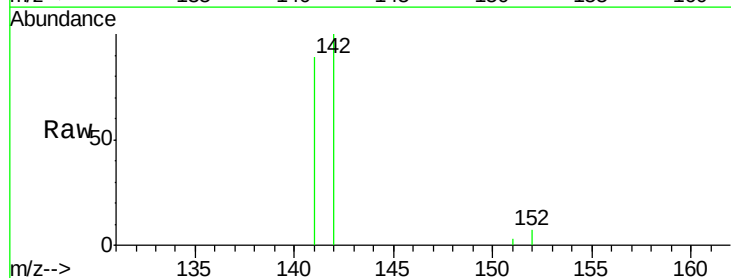
Acq: 28 Oct 2017 20:49

Tgt Ion:142 Resp: 4379

Ion Ratio Lower Upper

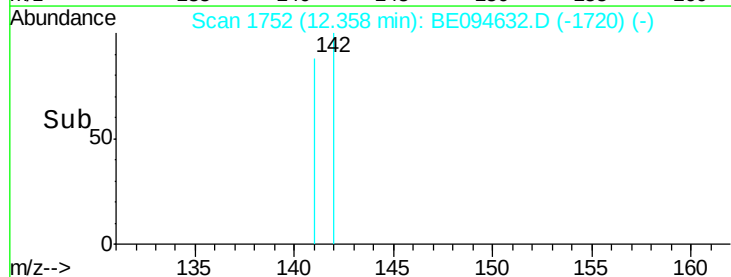
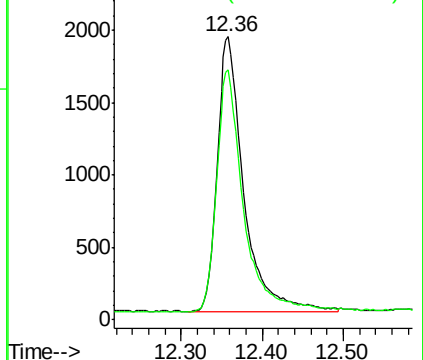
142 100

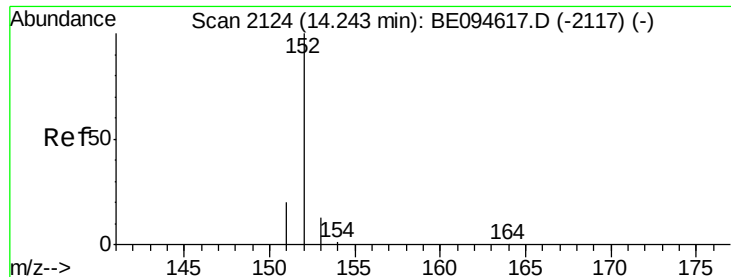
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

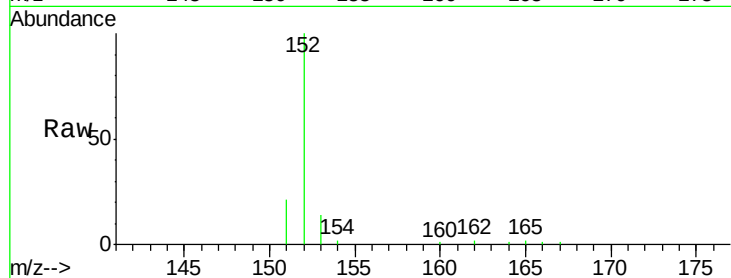
Tot Ion:152 Resp: 6661

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

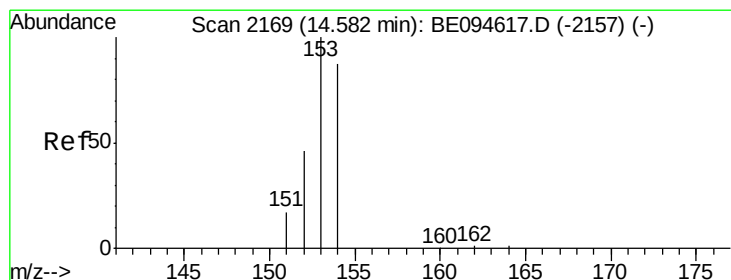
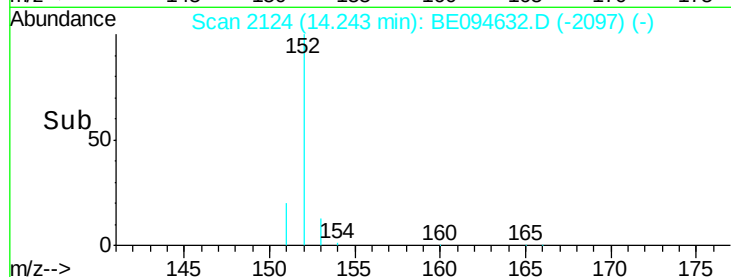
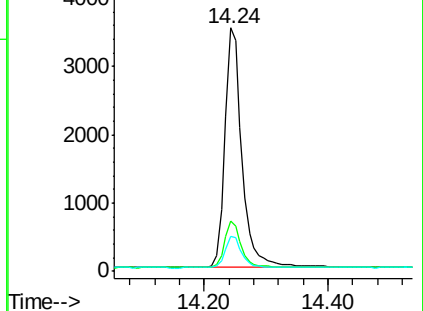
153 14.2 12.8 19.2



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: 0.40 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

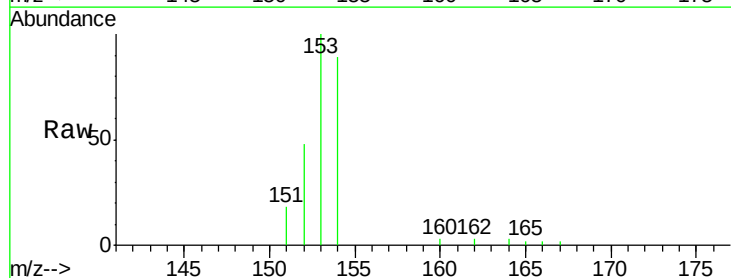
Tgt Ion:153 Resp: 4643

Ion Ratio Lower Upper

153 100

152 48.3 36.0 54.0

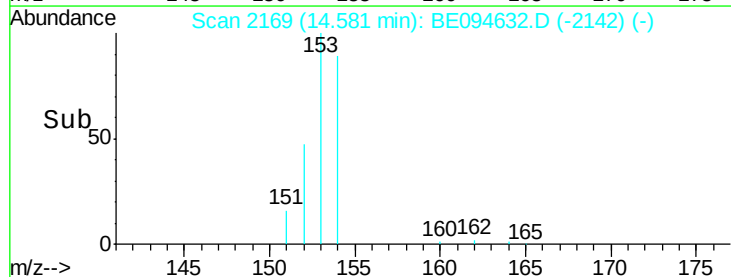
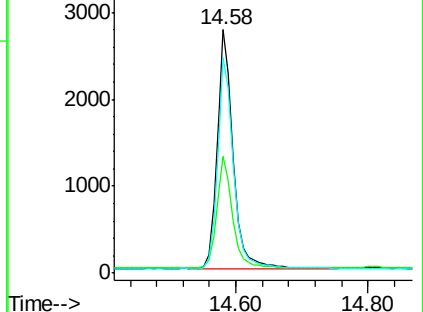
154 88.7 72.0 108.0

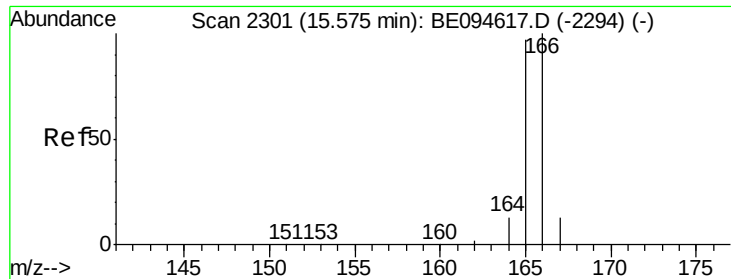


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.39 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

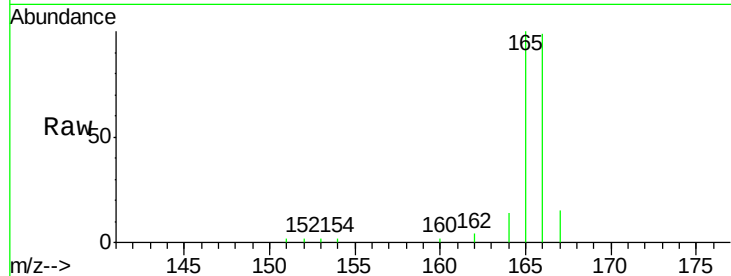
Tot Ion:166 Resp: 5197

Ion Ratio Lower Upper

166 100

165 100.7 73.4 110.2

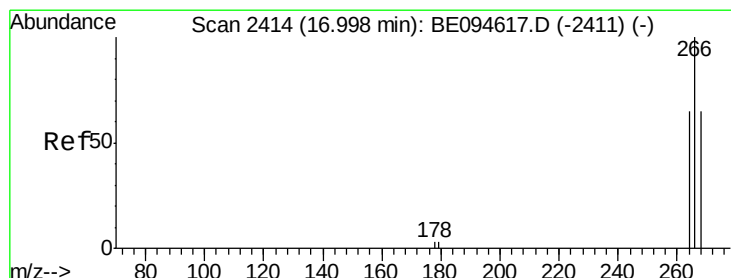
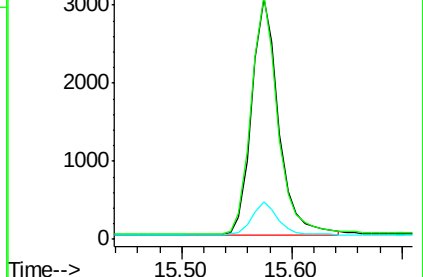
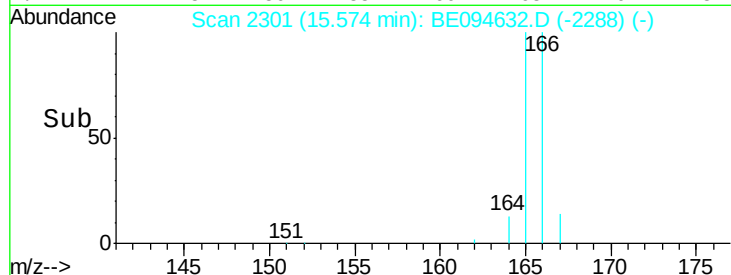
167 15.6 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.64 ng/ul

RT: 16.98 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

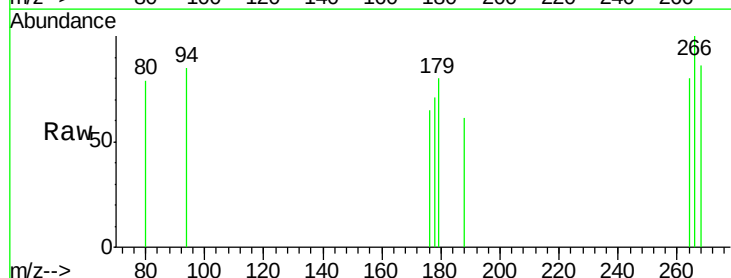
Tgt Ion:266 Resp: 258

Ion Ratio Lower Upper

266 100

264 56.2 47.9 71.9

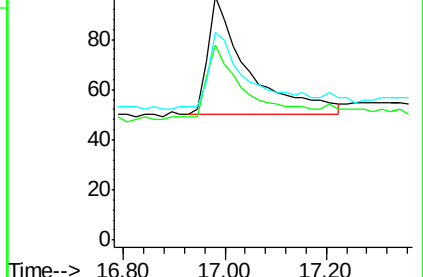
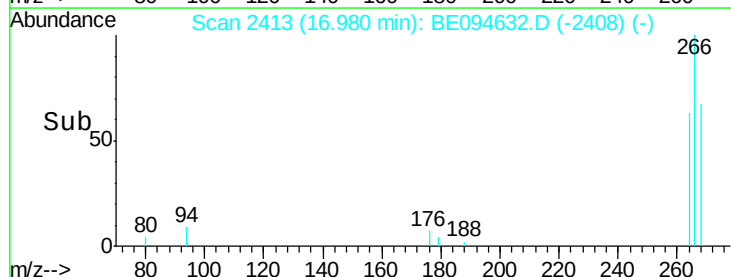
268 65.9 49.8 74.8

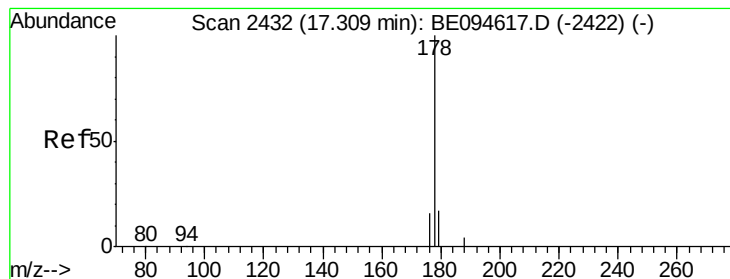


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

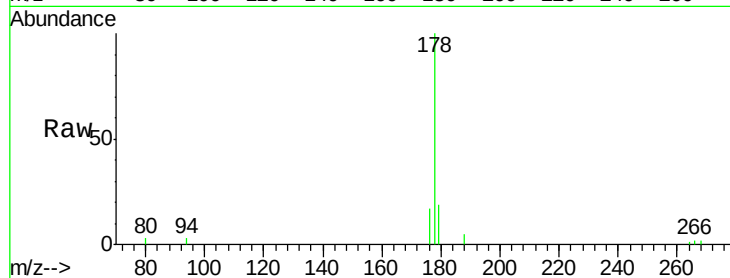
Tot Ion:178 Resp: 8134

Ion Ratio Lower Upper

178 100

179 19.0 18.4 27.6

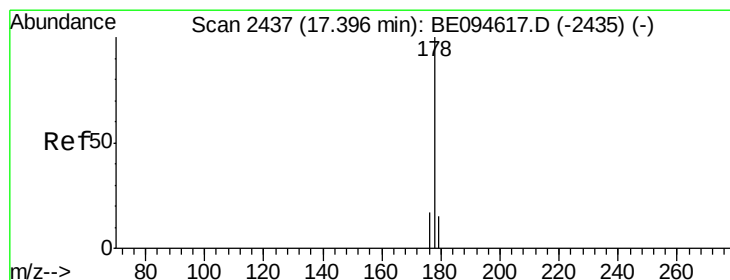
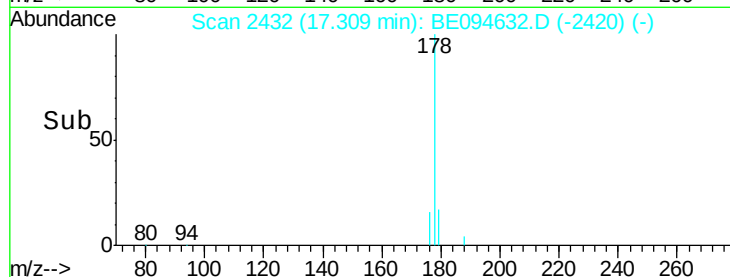
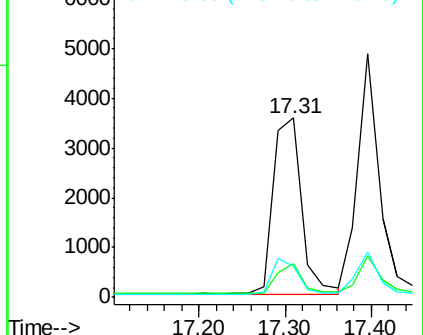
176 17.3 13.6 20.4



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: 0.39 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. -0.09 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

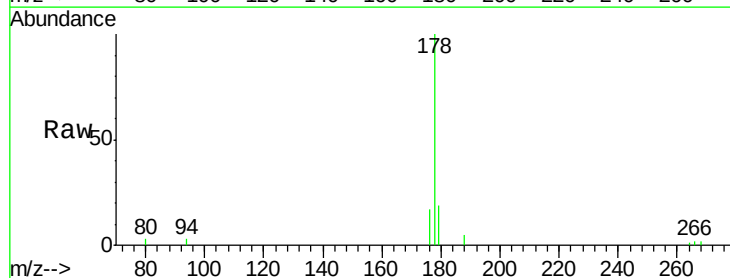
Tgt Ion:178 Resp: 8122

Ion Ratio Lower Upper

178 100

179 19.0 18.1 27.1

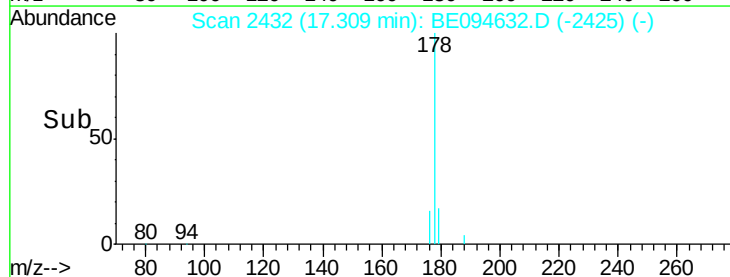
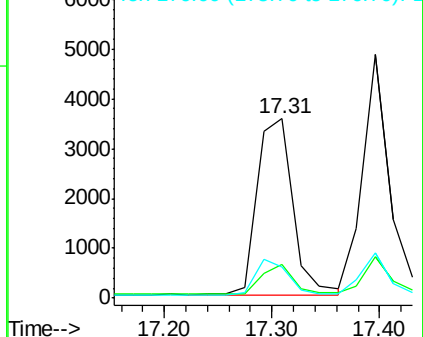
176 17.3 14.7 22.1

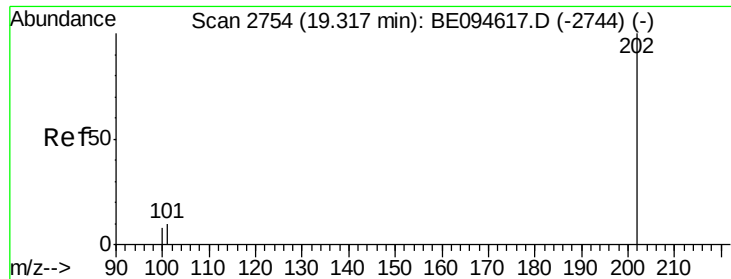


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.41 ng/ul

RT: 19.32 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

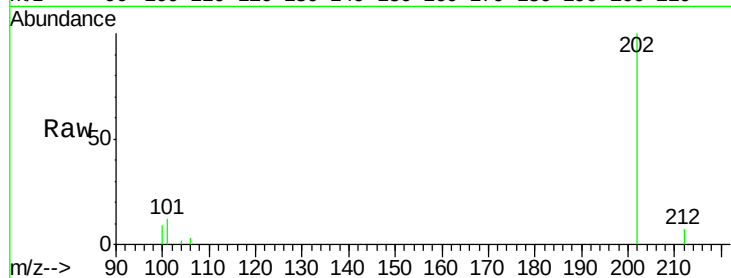
Tot Ion:202 Resp: 9916

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.3

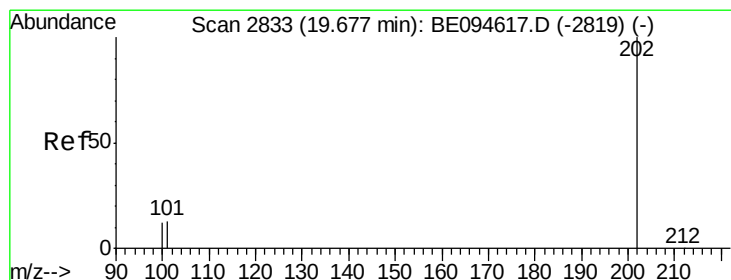
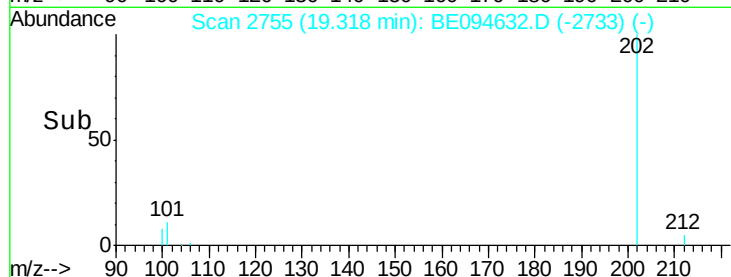
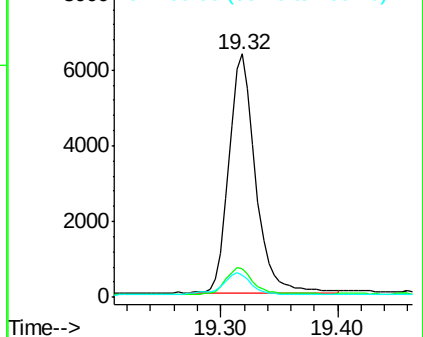
100 9.1 0.0 39.5



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: 0.42 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

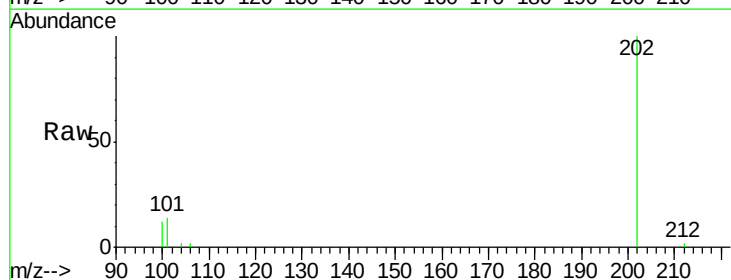
Tgt Ion:202 Resp: 10469

Ion Ratio Lower Upper

202 100

101 14.3 18.2 27.4#

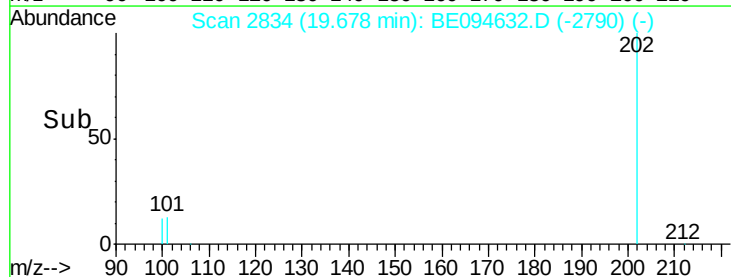
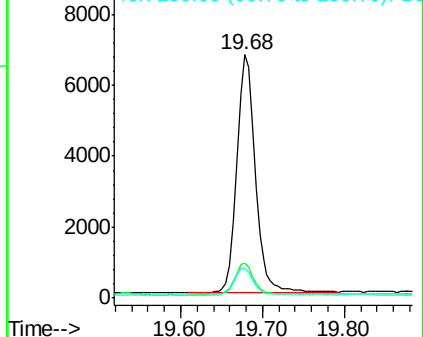
100 12.4 15.6 23.4#

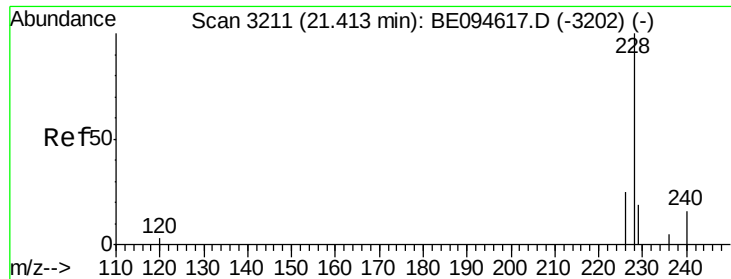


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

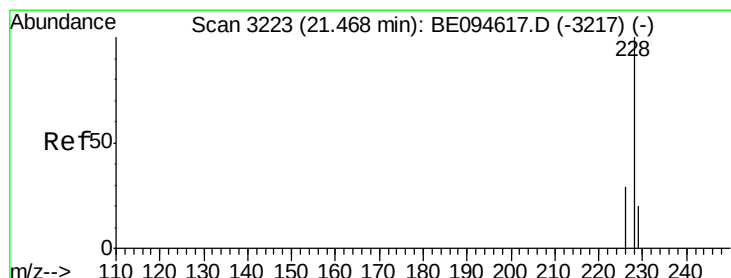
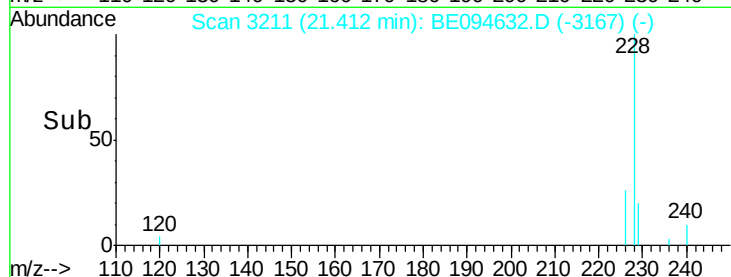
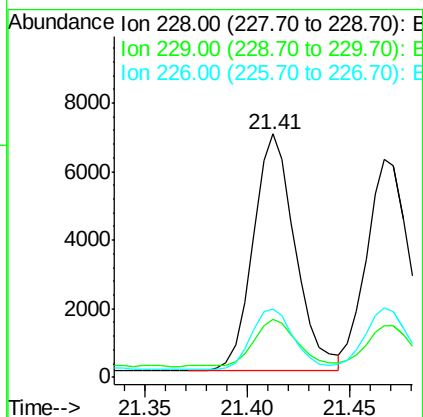
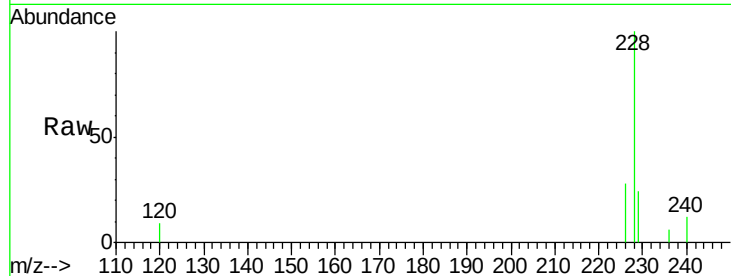




#18
Benzo(a)anthracene
Concen: 0.43 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094632.D
Acq: 28 Oct 2017 20:49

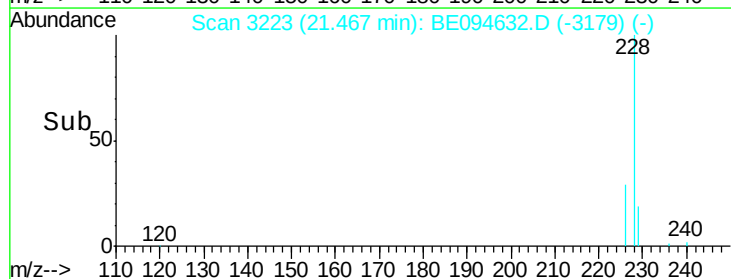
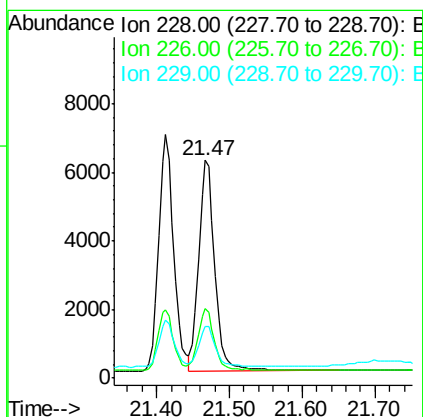
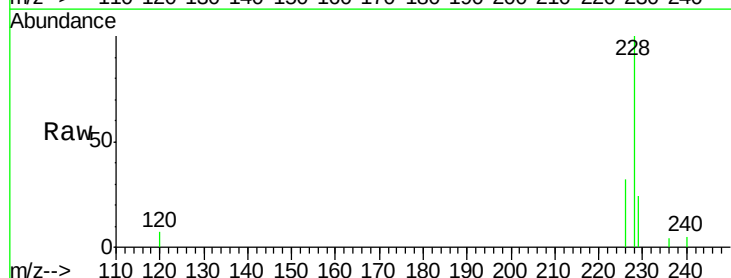
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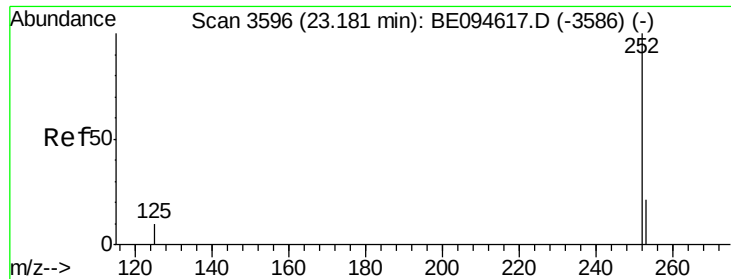
Tot Ion:228 Resp: 9839
Ion Ratio Lower Upper
228 100
229 23.9 22.8 34.2
226 28.0 17.0 25.6#



#19
Chrysene
Concen: 0.39 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094632.D
Acq: 28 Oct 2017 20:49

Tgt Ion:228 Resp: 9344
Ion Ratio Lower Upper
228 100
226 31.7 23.4 35.0
229 23.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

RT: 23.19 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

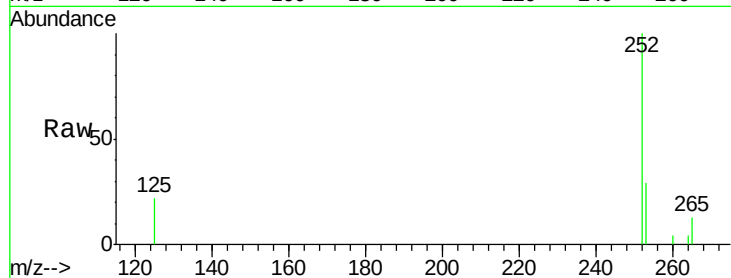
Tot Ion:252 Resp: 8890

Ion Ratio Lower Upper

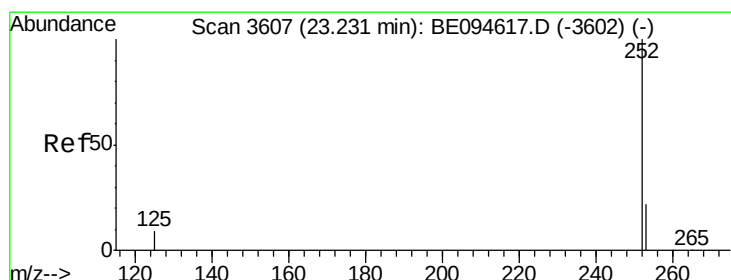
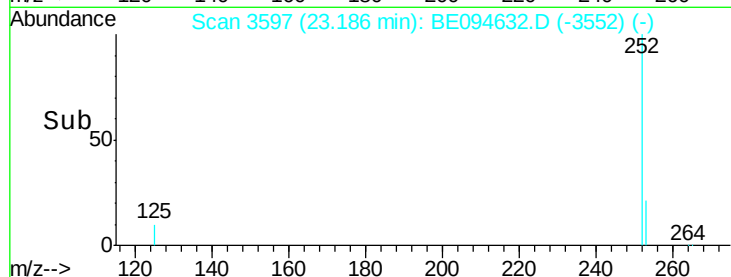
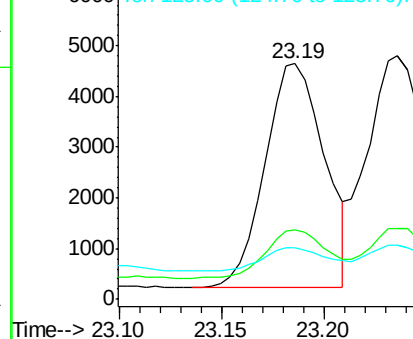
252 100

253 29.4 0.0 64.2

125 21.7 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: 0.40 ng/ul

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

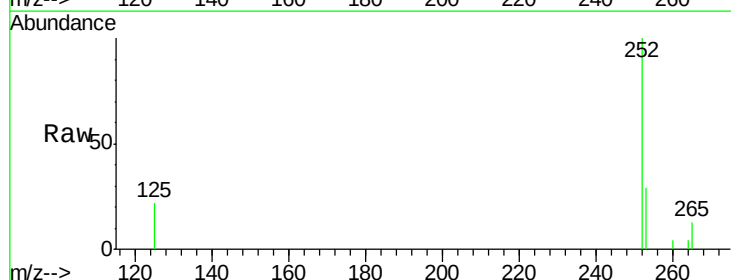
Tgt Ion:252 Resp: 9566

Ion Ratio Lower Upper

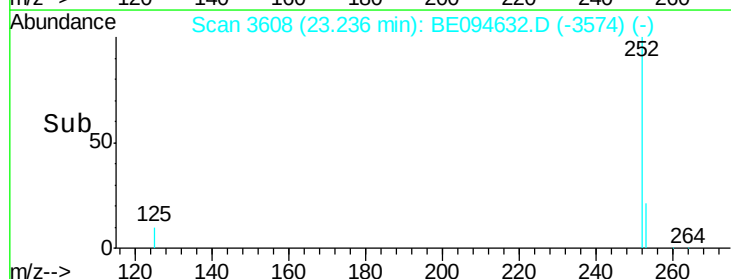
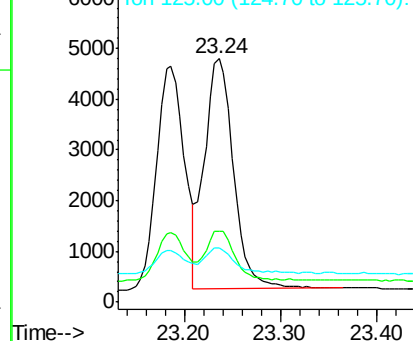
252 100

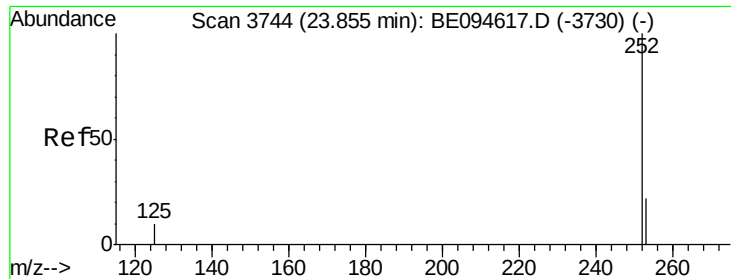
253 28.9 24.5 36.7

125 22.0 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: 0.40 ng/ul

RT: 23.86 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

Instrument :

BNA_E

ClientSampleId :

SSTD0.464

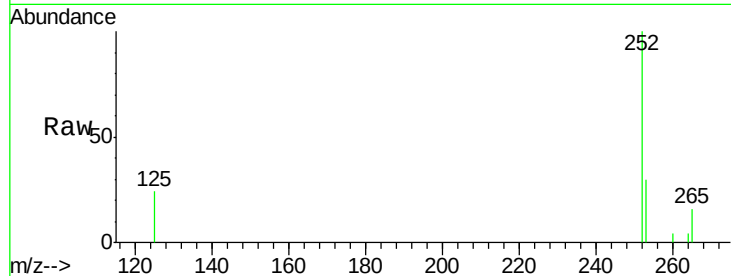
Tot Ion:252 Resp: 8953

Ion Ratio Lower Upper

252 100

253 30.1 28.5 42.7

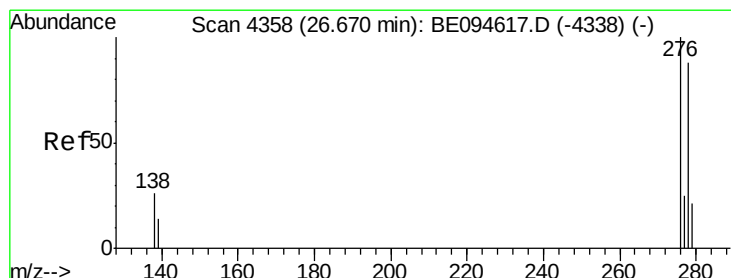
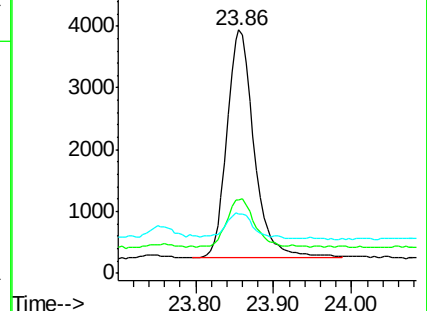
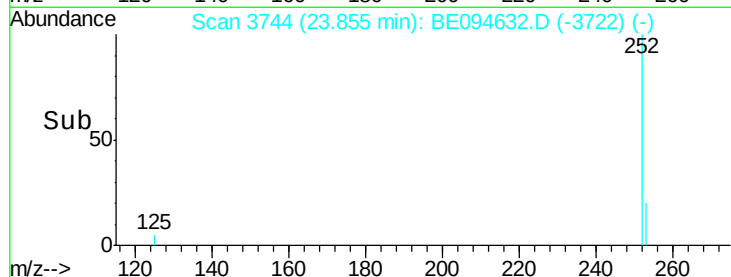
125 24.4 18.1 27.1



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: 0.37 ng/ul

RT: 26.67 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BE094632.D

Acq: 28 Oct 2017 20:49

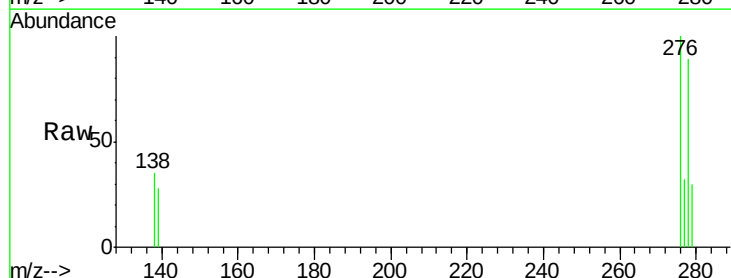
Tgt Ion:276 Resp: 8584

Ion Ratio Lower Upper

276 100

138 27.4 28.0 42.0#

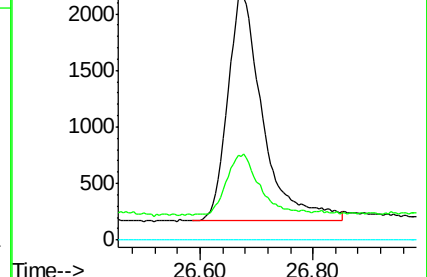
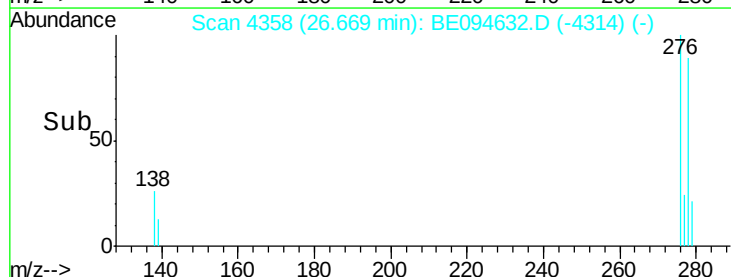
227 0.0 8.0 12.0#

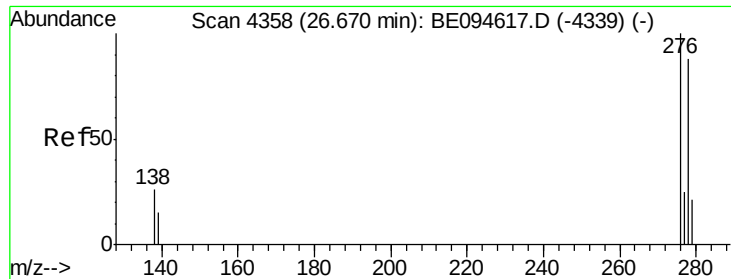


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

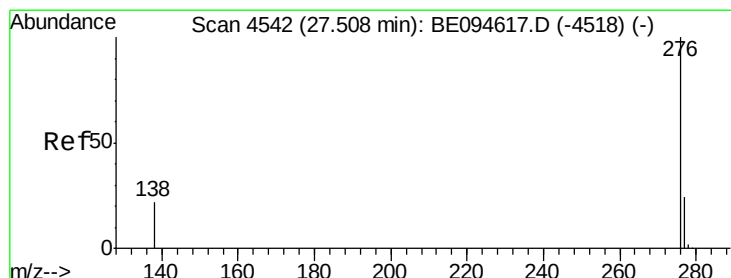
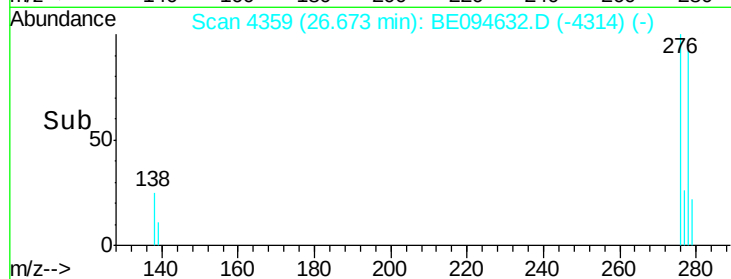
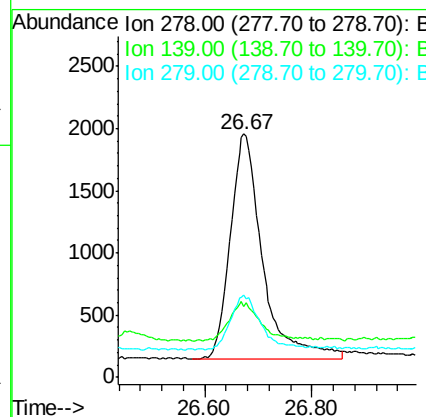
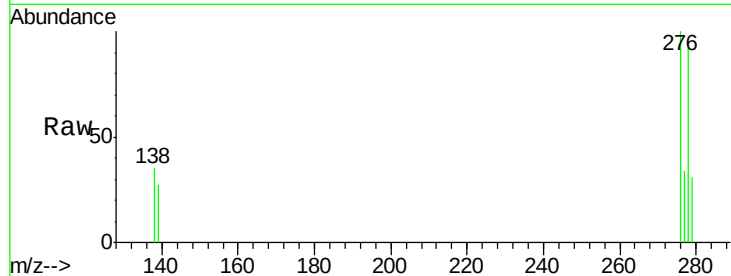




#25
Dibenzo(a,h)anthracene
Concen: 0.39 ng/ul
RT: 26.67 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BE094632.D
Acq: 28 Oct 2017 20:49

Instrument :
BNA_E
ClientSampleId :
SSTD0.464

Tot Ion:278 Resp: 7570
Ion Ratio Lower Upper
278 100
139 29.2 17.4 26.0#
279 33.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul
RT: 27.51 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BE094632.D
Acq: 28 Oct 2017 20:49

Tgt Ion:276 Resp: 6305
Ion Ratio Lower Upper
276 100
138 33.4 21.8 32.8#
277 34.4 20.5 30.7#

