

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094684.D
 Acq On : 1 Nov 2017 6:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 09:40:52 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 09:37:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1280	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7716	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4190	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8951	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9467	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9028	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4866	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11000	0.41	ng/ul	0.00

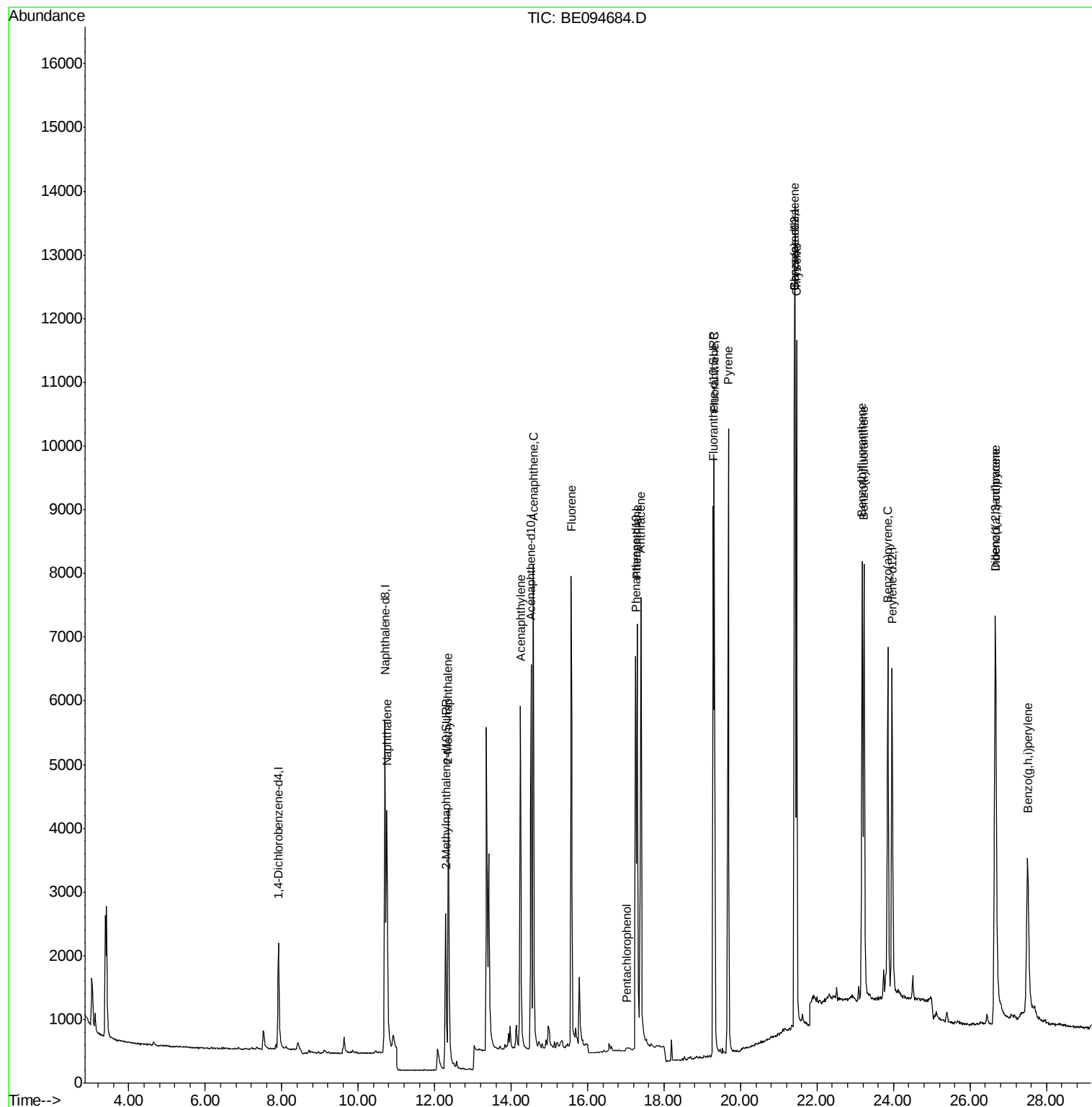
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	7323	0.39	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	5048	0.38	ng/ul	99
7) Acenaphthylene	14.24	152	7583	0.40	ng/ul	96
8) Acenaphthene	14.58	153	5395	0.40	ng/ul	99
9) Fluorene	15.57	166	6136	0.40	ng/ul	94
11) Pentachlorophenol	17.01	266	182	0.41	ng/ul	97
12) Phenanthrene	17.29	178	9827	0.42	ng/ul#	87
13) Anthracene	17.40	178	9595	0.41	ng/ul#	93
15) Fluoranthene	19.31	202	11823	0.43	ng/ul	84
17) Pyrene	19.68	202	12382	0.42	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	11364	0.42	ng/ul#	86
19) Chrysene	21.46	228	10930	0.39	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	10558	0.42	ng/ul	91
22) Benzo(k)fluoranthene	23.23	252	10964	0.40	ng/ul	92
23) Benzo(a)pyrene	23.85	252	10387	0.41	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.66	276	9635	0.37	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.66	278	8382	0.38	ng/ul	94
26) Benzo(g,h,i)perylene	27.51	276	7346	0.35	ng/ul	94

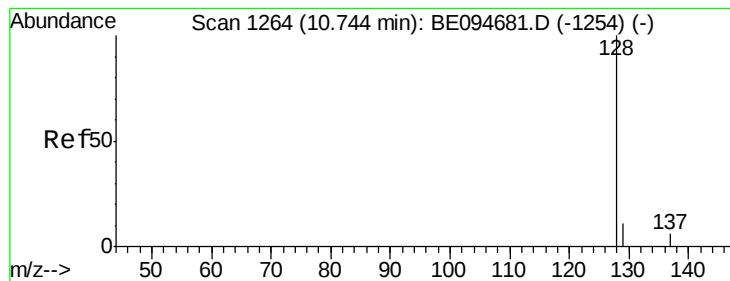
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094684.D
Acq On : 1 Nov 2017 6:41
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Nov 01 09:40:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 09:37:39 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

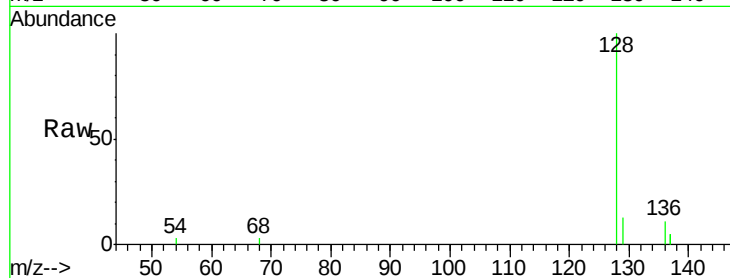
Tot Ion:128 Resp: 7323

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

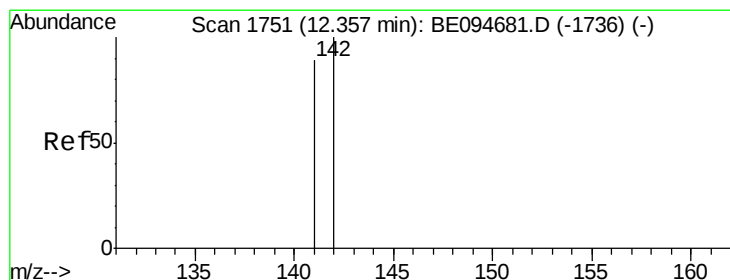
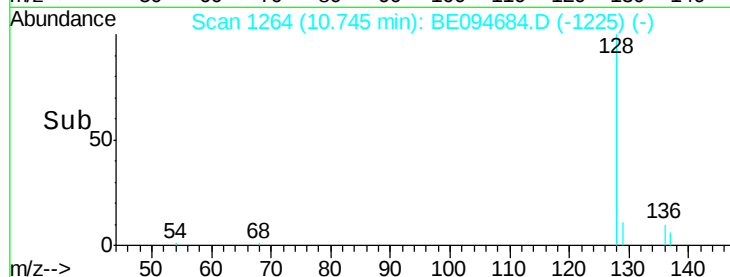
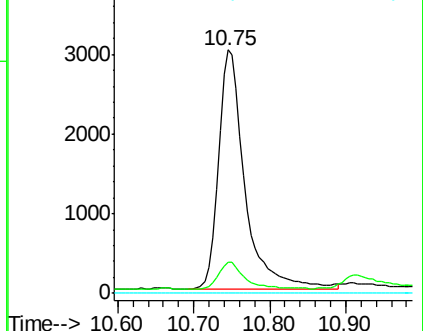
127 0.0 4.0 6.0#



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: 0.38 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094684.D

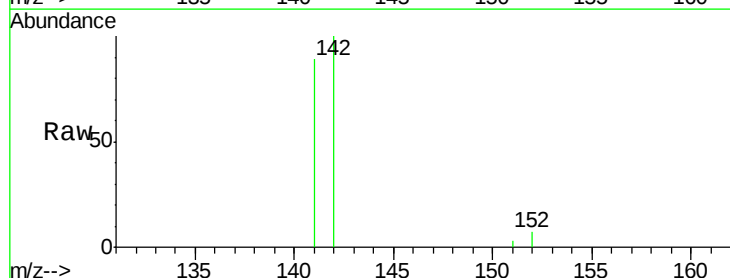
Acq: 1 Nov 2017 6:41

Tgt Ion:142 Resp: 5048

Ion Ratio Lower Upper

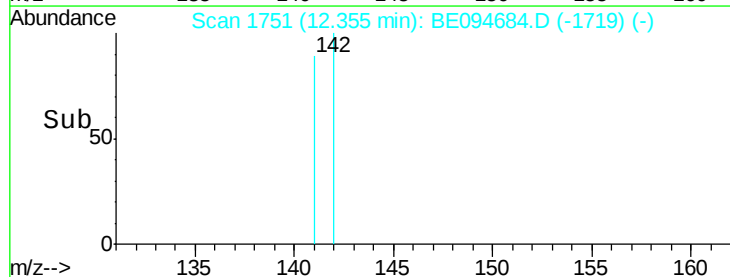
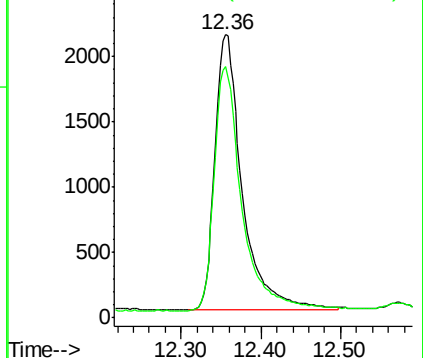
142 100

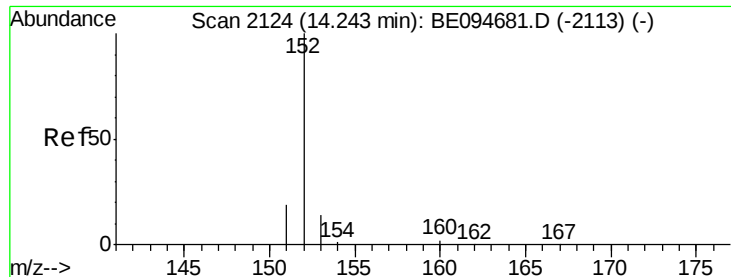
141 89.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

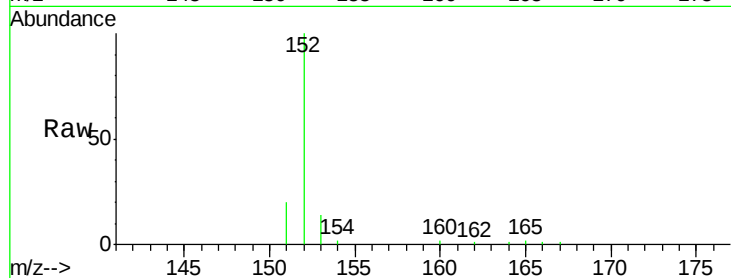
Tot Ion:152 Resp: 7583

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

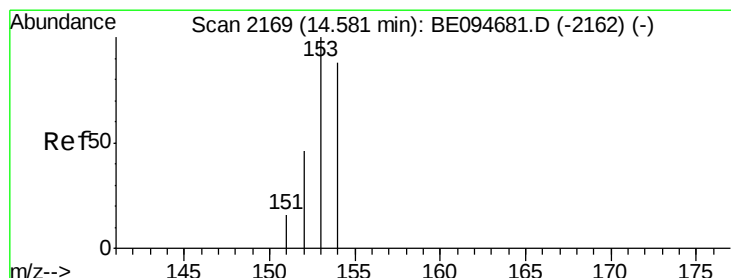
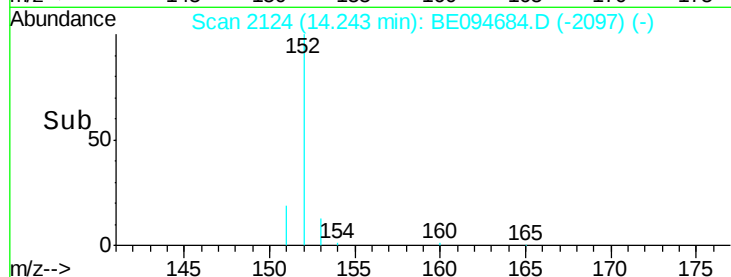
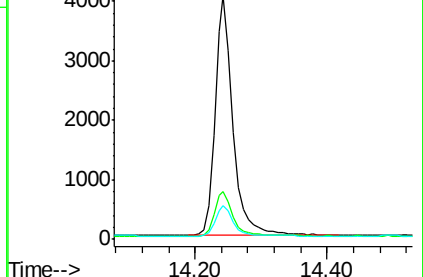
153 14.0 12.8 19.2



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: BE094684.D

Acq: 1 Nov 2017 6:41

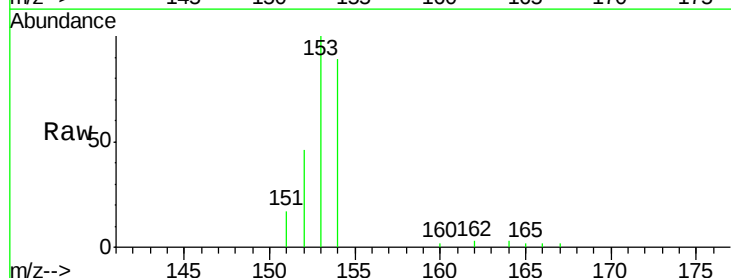
Tgt Ion:153 Resp: 5395

Ion Ratio Lower Upper

153 100

152 45.9 36.0 54.0

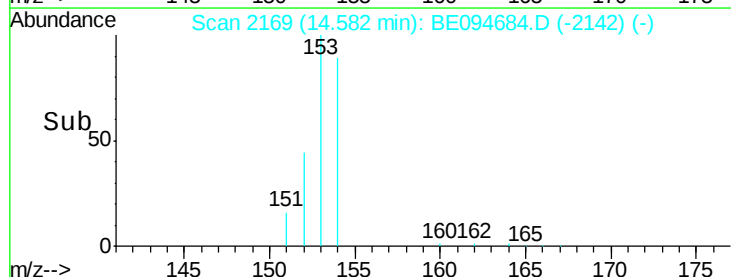
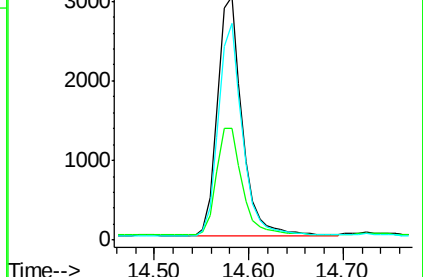
154 89.2 72.0 108.0

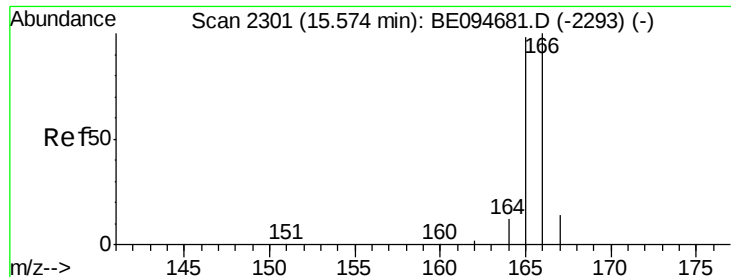


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

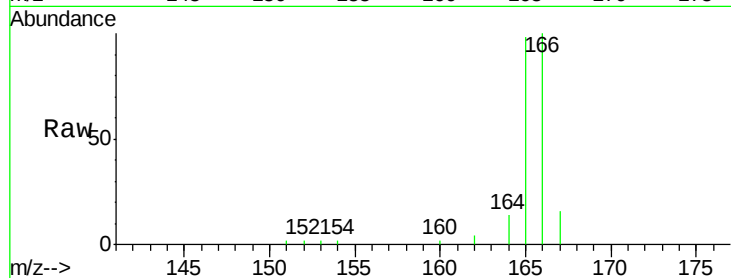
Tot Ion:166 Resp: 6136

Ion Ratio Lower Upper

166 100

165 97.7 73.4 110.2

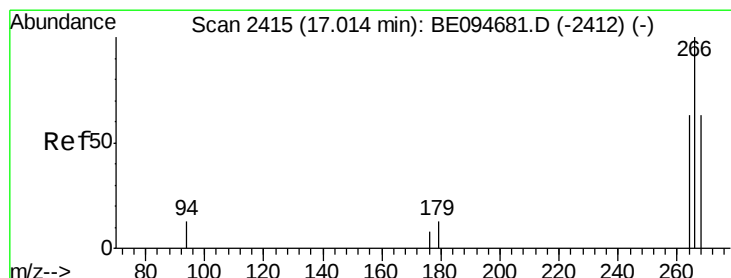
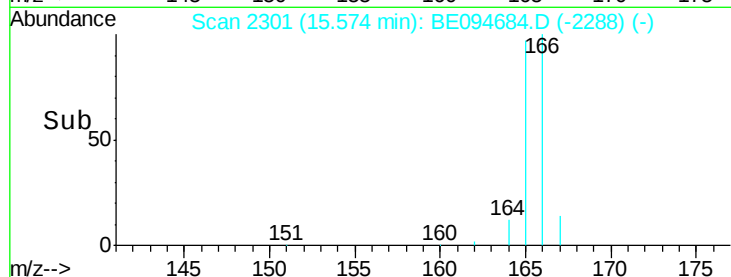
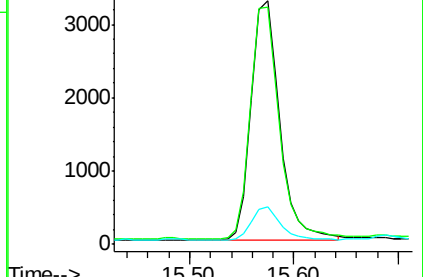
167 15.7 14.6 22.0



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: 0.41 ng/ul

RT: 17.01 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

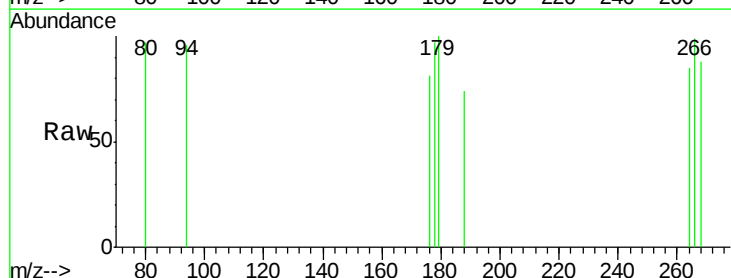
Tgt Ion:266 Resp: 182

Ion Ratio Lower Upper

266 100

264 58.8 47.9 71.9

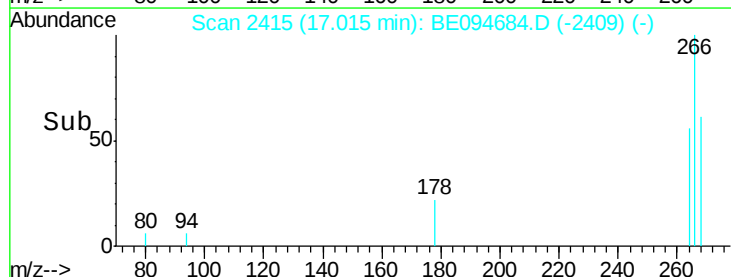
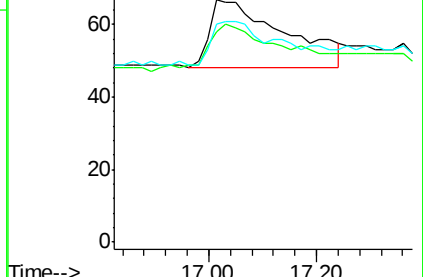
268 58.2 49.8 74.8

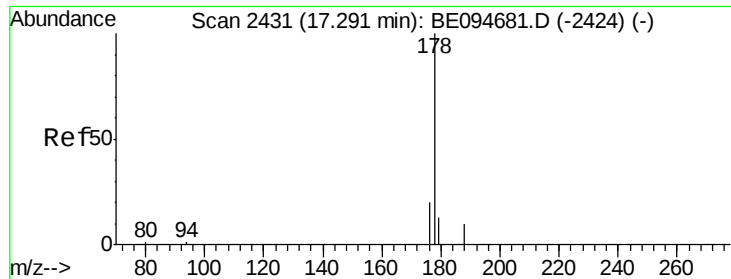


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.42 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

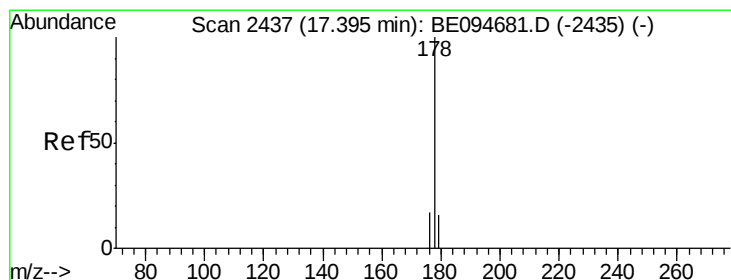
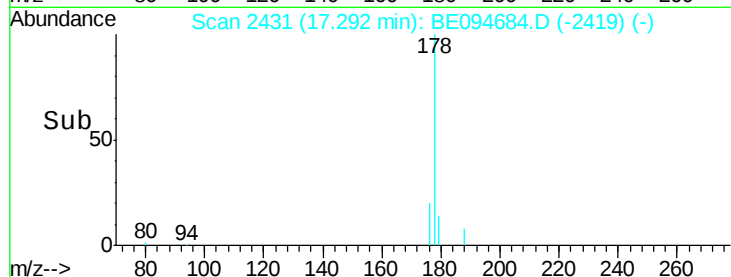
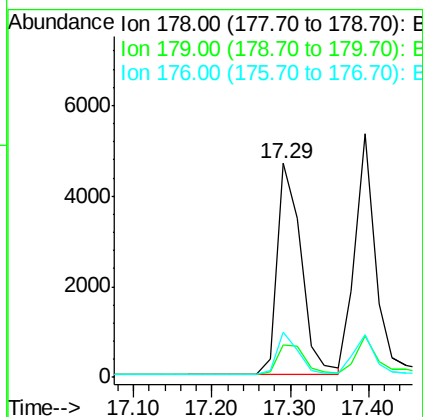
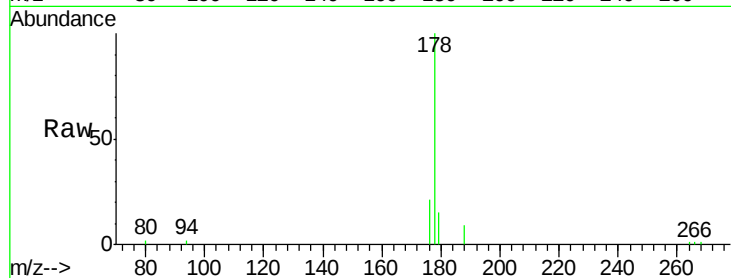
Tot Ion:178 Resp: 9827

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

176 21.0 13.6 20.4#



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

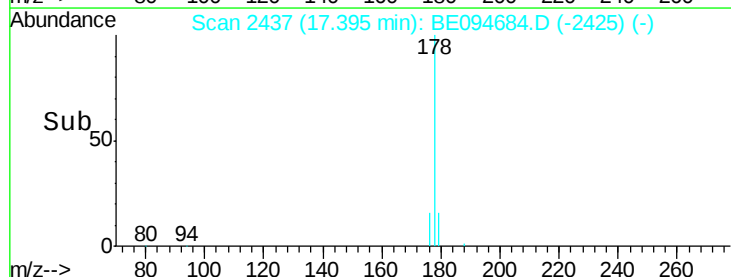
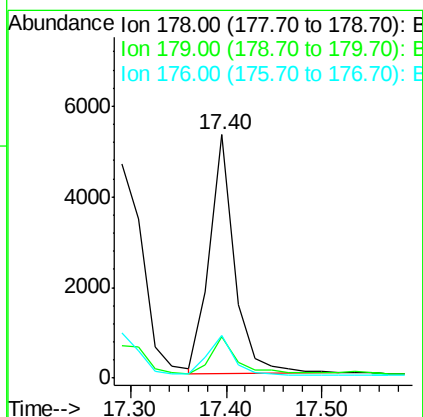
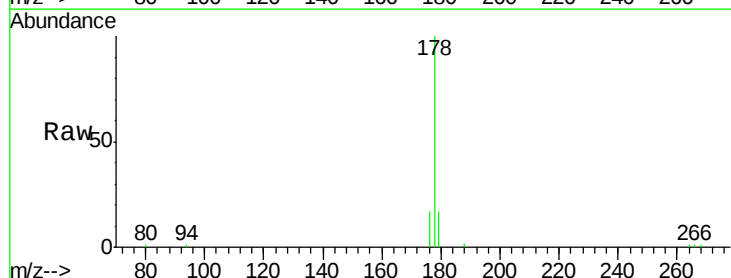
Tgt Ion:178 Resp: 9595

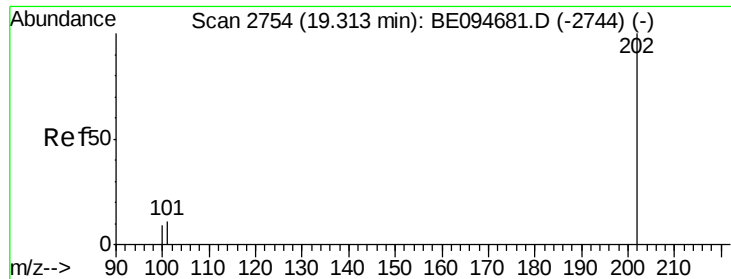
Ion Ratio Lower Upper

178 100

179 17.0 18.1 27.1#

176 17.3 14.7 22.1





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094684.D

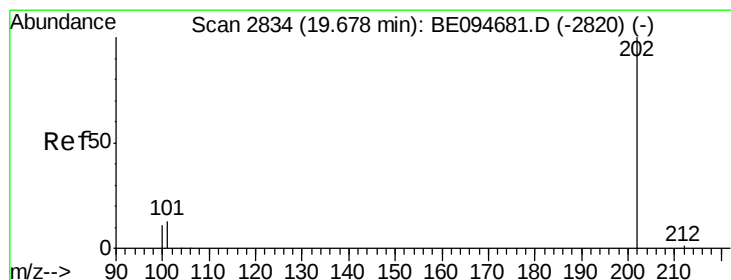
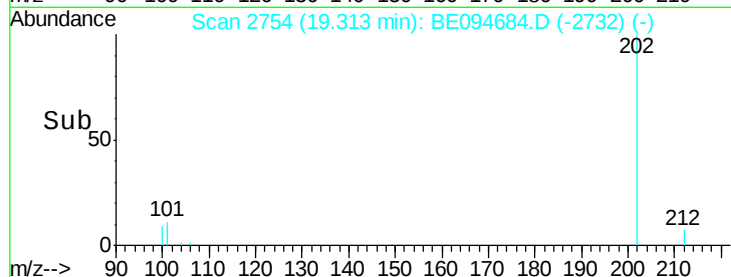
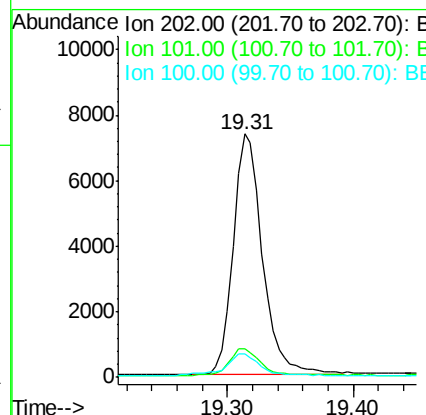
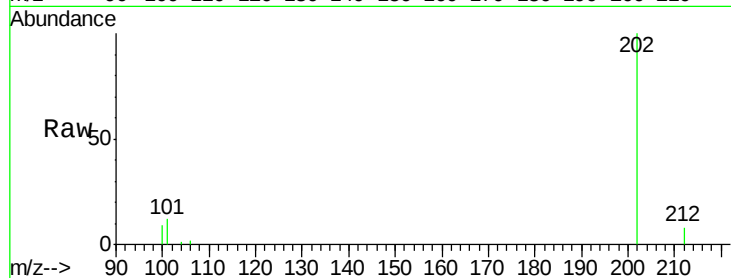
Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	11823
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.3
100	9.5	0.0	39.5



#17

Pyrene

Concen: 0.42 ng/ul

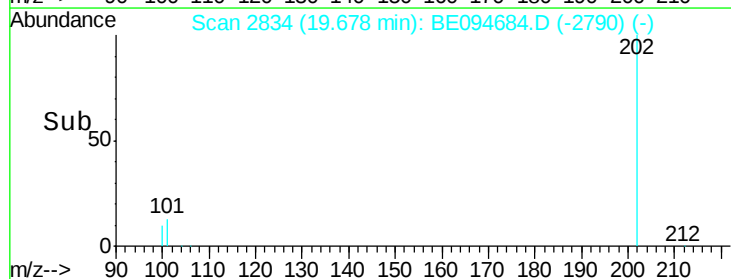
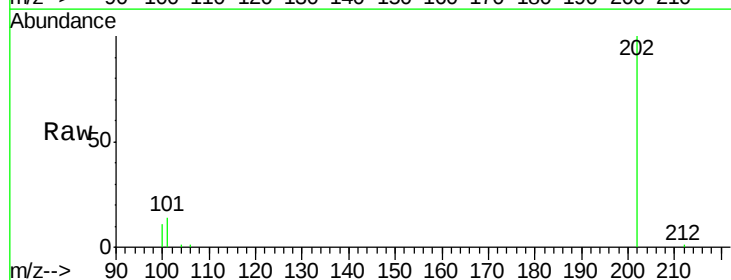
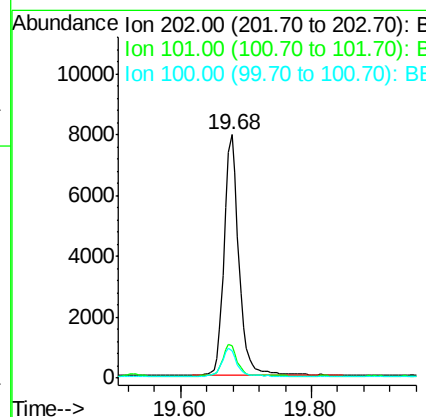
RT: 19.68 min Scan# 2834

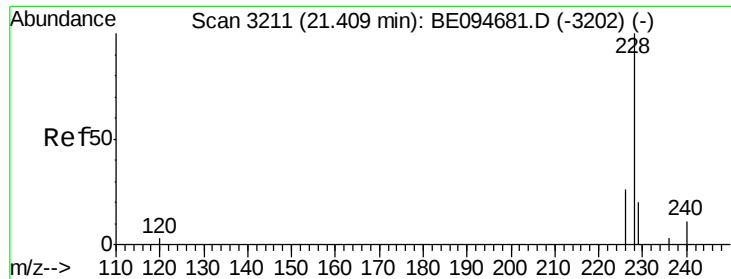
Delta R.T. 0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Tgt Ion:	202	Resp:	12382
Ion Ratio	Lower	Upper	
202	100		
101	13.5	18.2	27.4#
100	11.1	15.6	23.4#

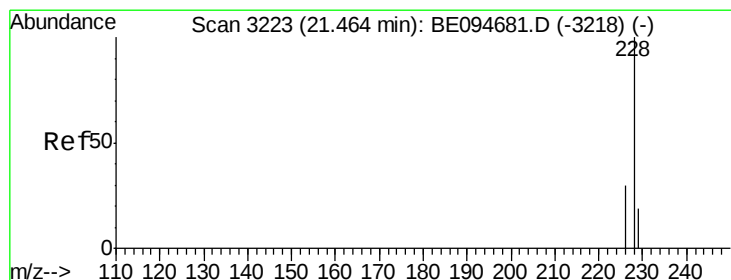
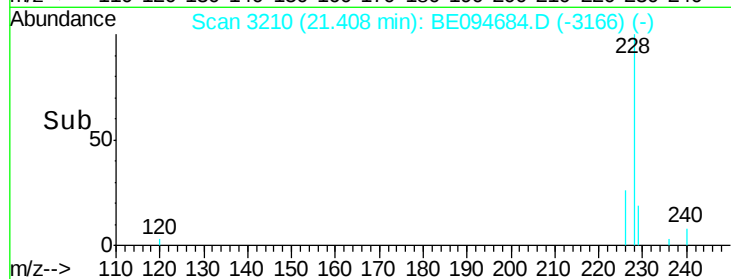
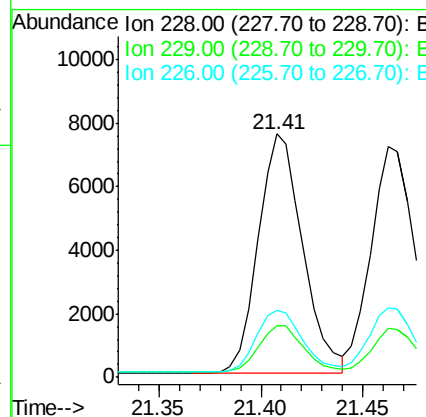
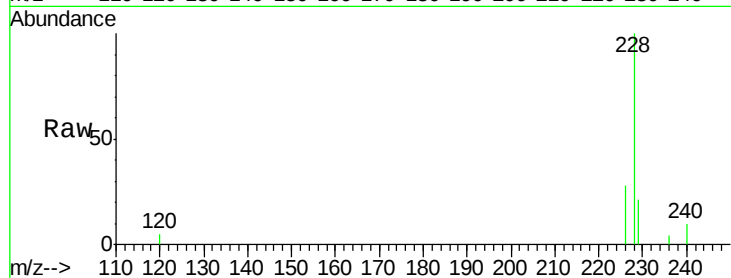




#18
Benzo(a)anthracene
Concen: 0.42 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094684.D
Acq: 1 Nov 2017 6:41

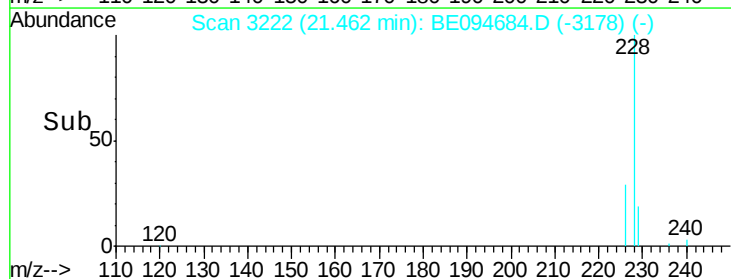
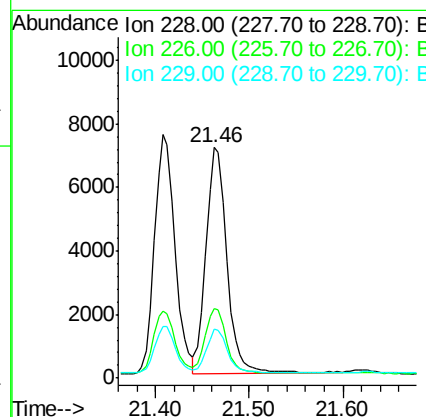
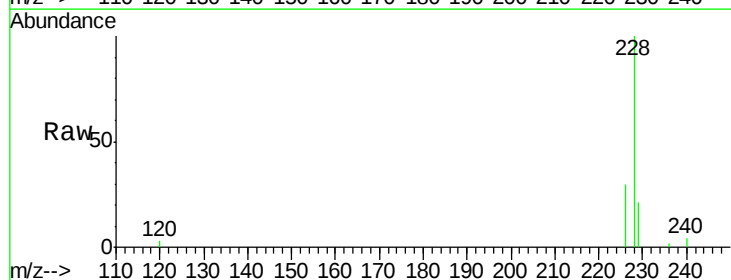
Instrument :
BNA_E
ClientSampleId :

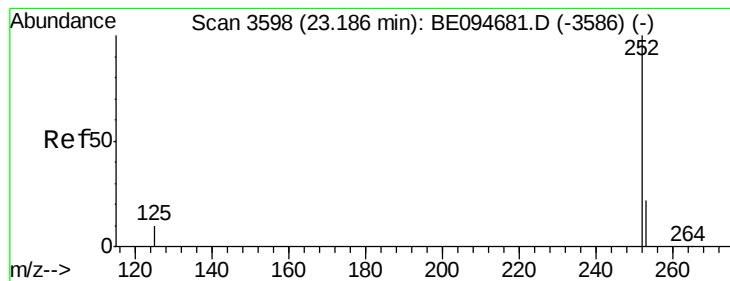
Tot Ion:228 Resp: 11364
Ion Ratio Lower Upper
228 100
229 21.2 22.8 34.2#
226 27.7 17.0 25.6#



#19
Chrysene
Concen: 0.39 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094684.D
Acq: 1 Nov 2017 6:41

Tgt Ion:228 Resp: 10930
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 21.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.42 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

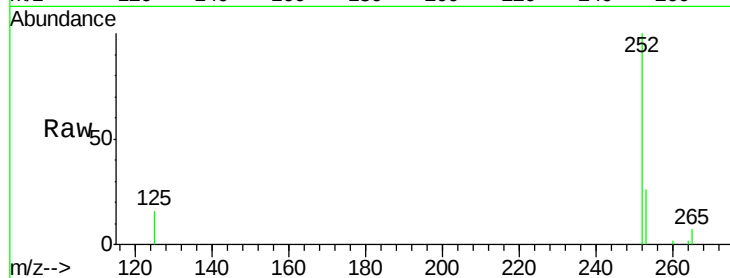
Tot Ion:252 Resp: 10558

Ion Ratio Lower Upper

252 100

253 25.6 0.0 64.2

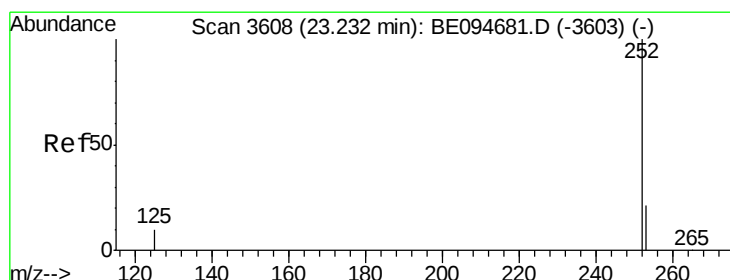
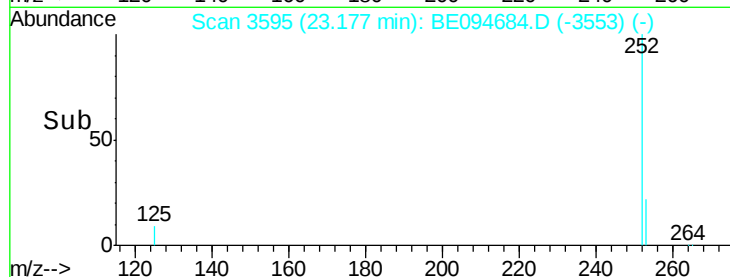
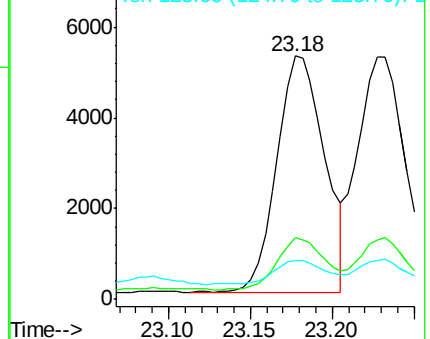
125 15.8 0.0 35.0



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: 23.23 min Scan# 3606

Delta R.T. -0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

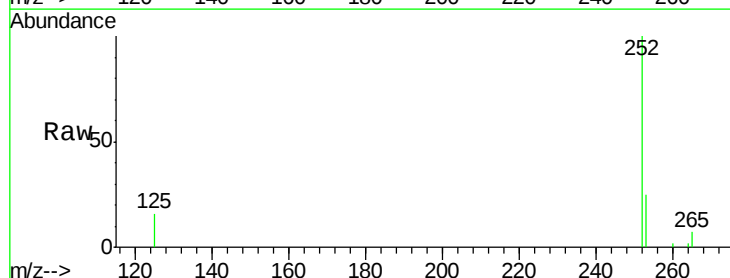
Tgt Ion:252 Resp: 10964

Ion Ratio Lower Upper

252 100

253 24.6 24.5 36.7

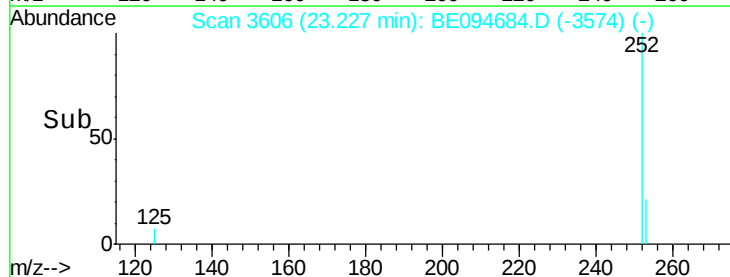
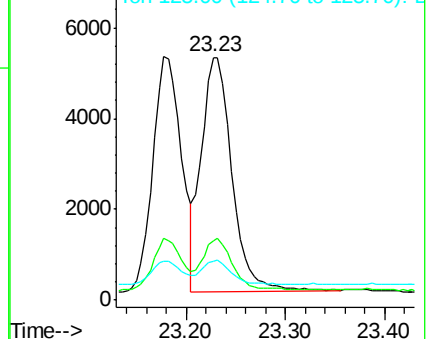
125 16.3 13.7 20.5

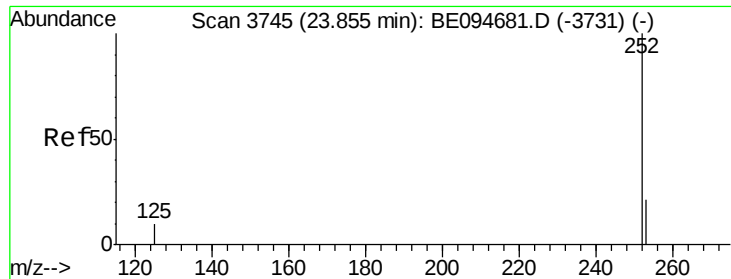


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampleId :

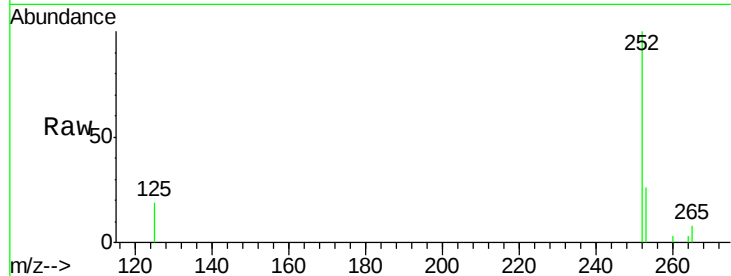
Tot Ion:252 Resp: 10387

Ion Ratio Lower Upper

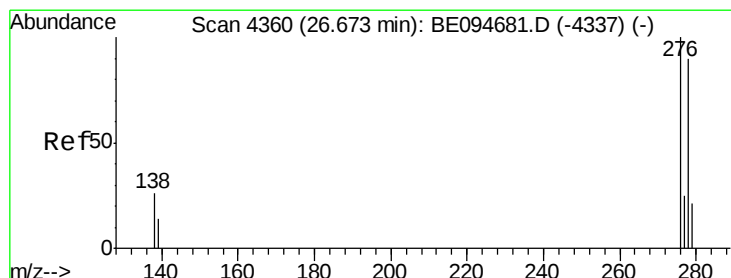
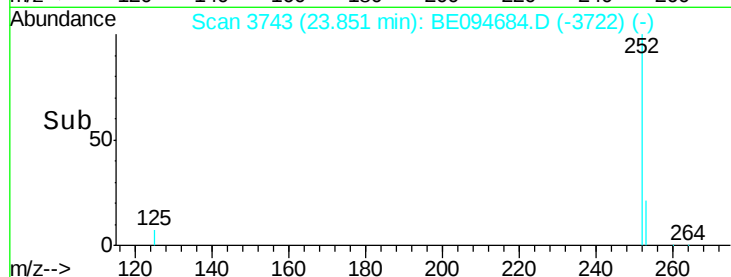
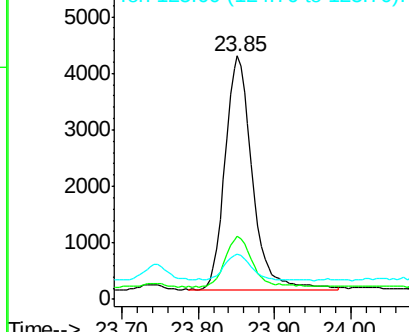
252 100

253 26.2 28.5 42.7#

125 18.6 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: 26.66 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

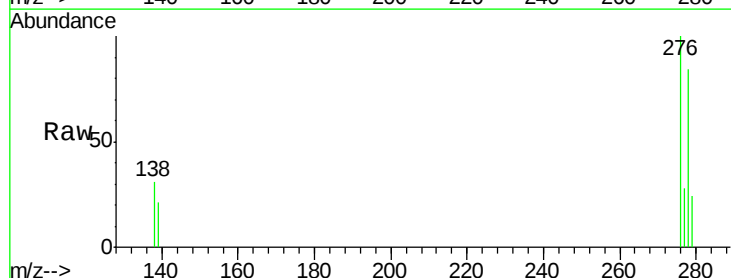
Tgt Ion:276 Resp: 9635

Ion Ratio Lower Upper

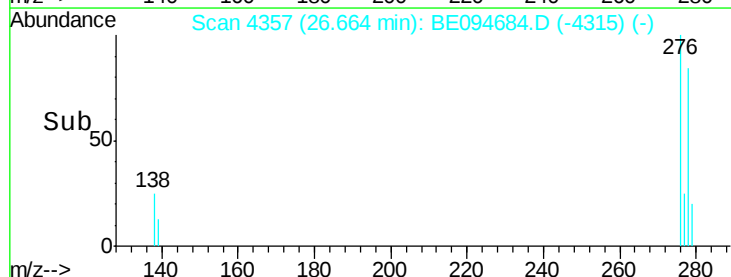
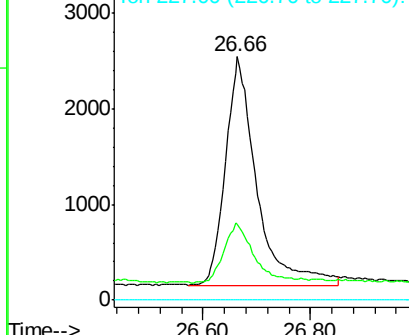
276 100

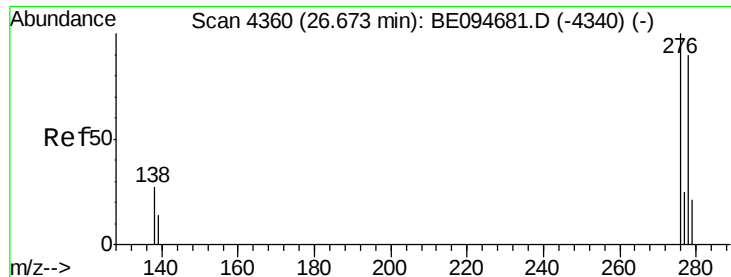
138 25.7 28.0 42.0#

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: 0.38 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

Instrument :

BNA_E

ClientSampled :

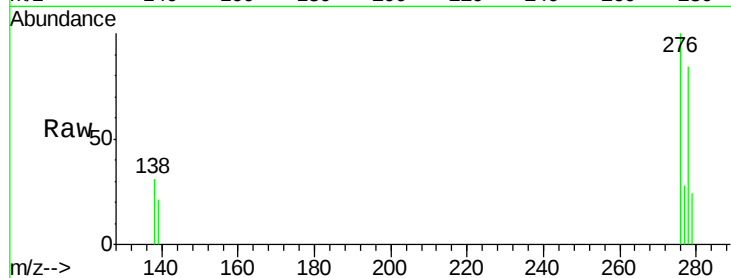
Tot Ion:278 Resp: 8382

Ion Ratio Lower Upper

278 100

139 24.5 17.4 26.0

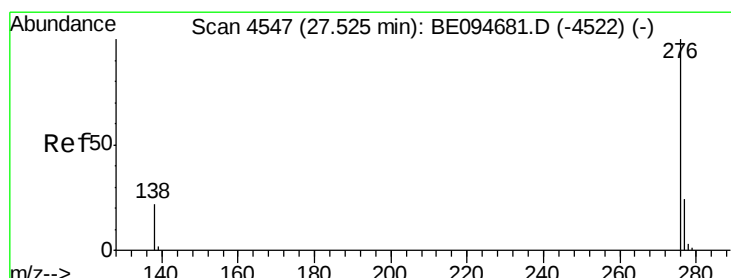
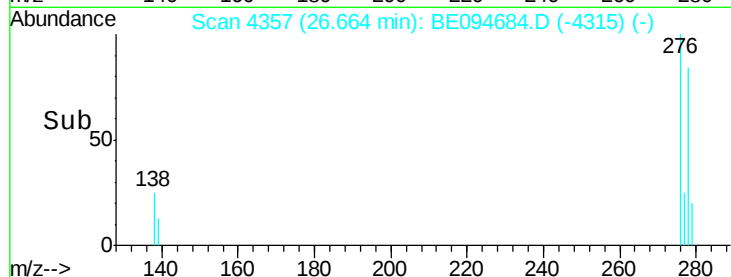
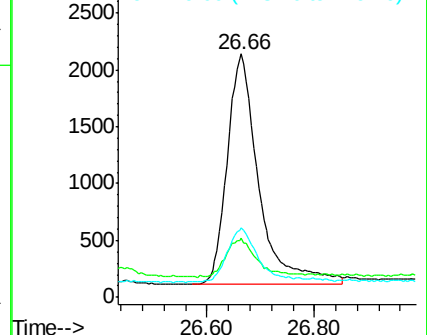
279 28.7 25.9 38.9



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: 0.35 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.01 min

Lab File: BE094684.D

Acq: 1 Nov 2017 6:41

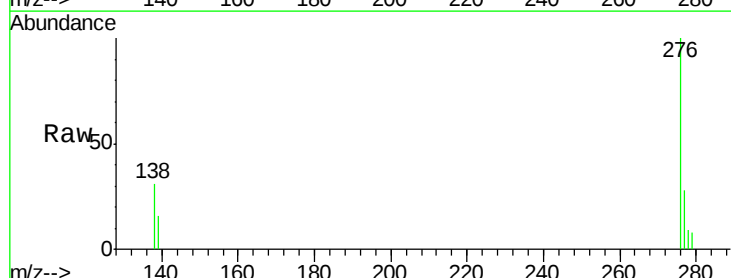
Tgt Ion:276 Resp: 7346

Ion Ratio Lower Upper

276 100

138 31.2 21.8 32.8

277 27.9 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

