

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094655.D
 Acq On : 31 Oct 2017 11:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 01:28:15 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 04:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1223	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7515	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8850	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9028	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8712	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4860	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	10628	0.40	ng/ul	0.00

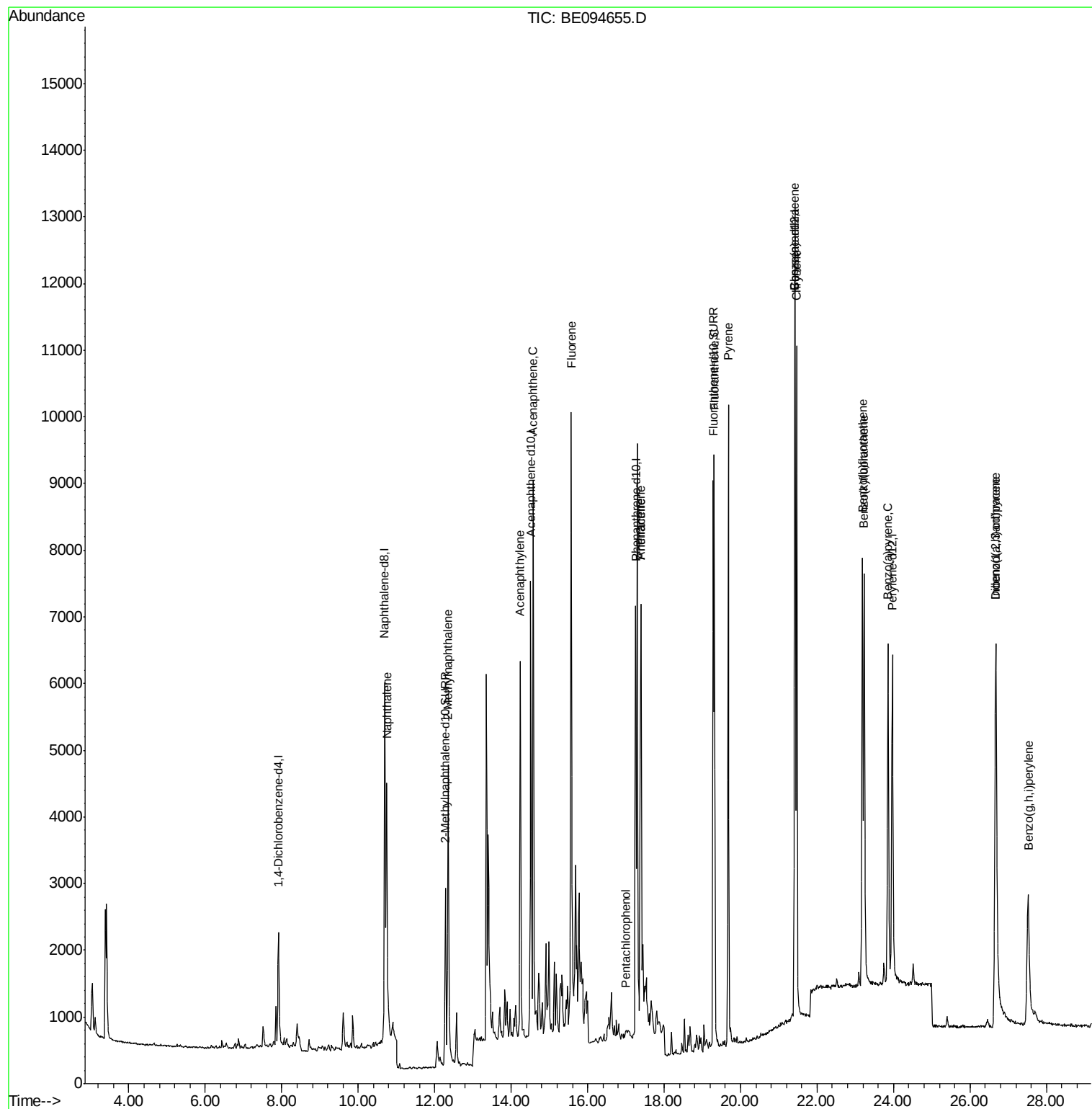
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	7121	0.39	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	4891	0.38	ng/ul	97
7) Acenaphthylene	14.24	152	7602	0.40	ng/ul	99
8) Acenaphthene	14.57	153	5669	0.42	ng/ul	96
9) Fluorene	15.57	166	6643	0.43	ng/ul	92
11) Pentachlorophenol	17.00	266	179	0.41	ng/ul	100
12) Phenanthrene	17.39	178	8837	0.38	ng/ul	97
13) Anthracene	17.39	178	9596	0.42	ng/ul	96
15) Fluoranthene	19.31	202	10907	0.40	ng/ul	84
17) Pyrene	19.68	202	12066	0.43	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	10599	0.41	ng/ul#	87
19) Chrysene	21.47	228	10258	0.38	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	9777	0.40	ng/ul	92
22) Benzo(k)fluoranthene	23.23	252	10386	0.40	ng/ul	94
23) Benzo(a)pyrene	23.86	252	9695	0.40	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.67	276	9050	0.36	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.67	278	7979	0.37	ng/ul	94
26) Benzo(g,h,i)perylene	27.52	276	6644	0.33	ng/ul	93

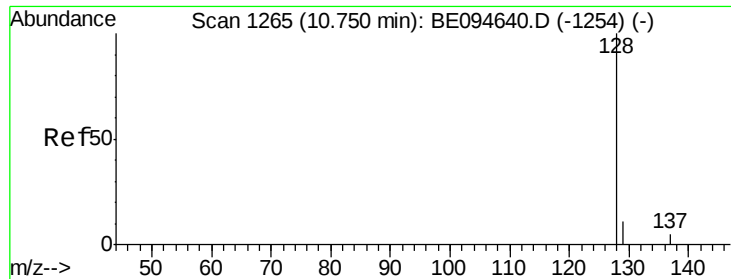
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094655.D
Acq On : 31 Oct 2017 11:26
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: Nov 01 01:28:15 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 04:29:38 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

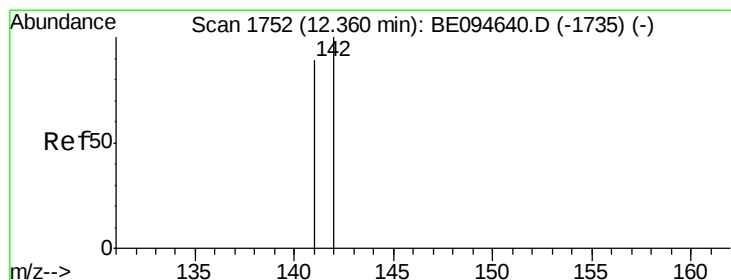
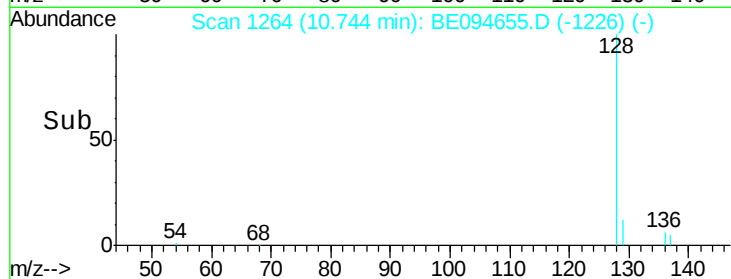
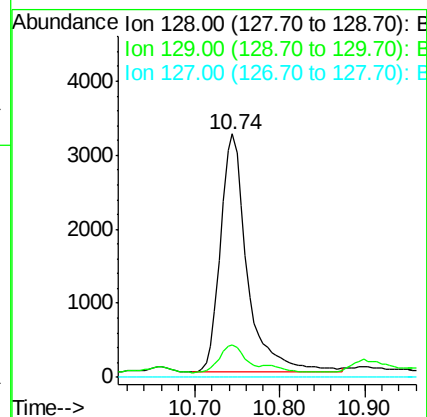
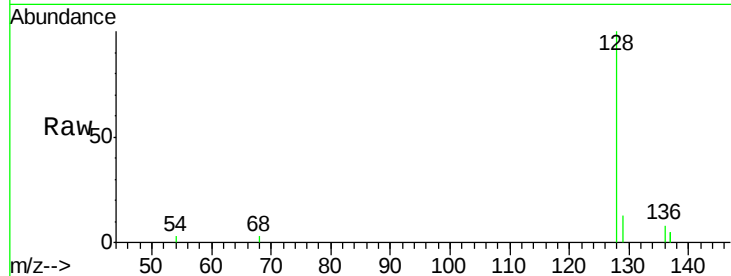
Tot Ion:128 Resp: 7121

Ion Ratio Lower Upper

128 100

129 13.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.38 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094655.D

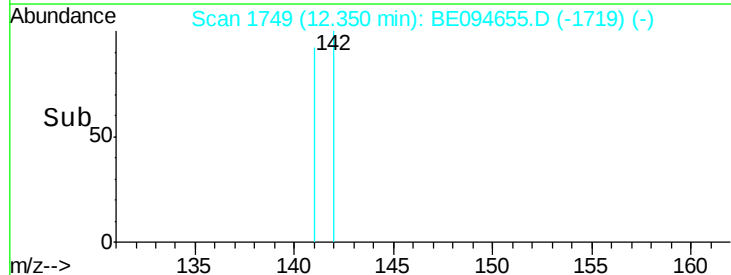
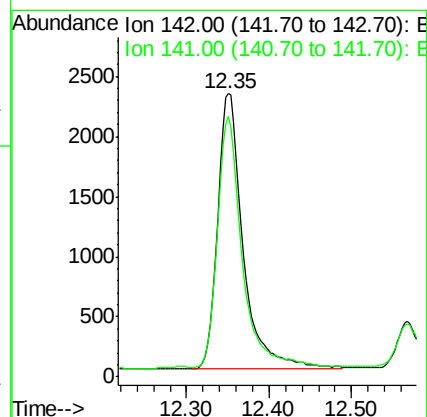
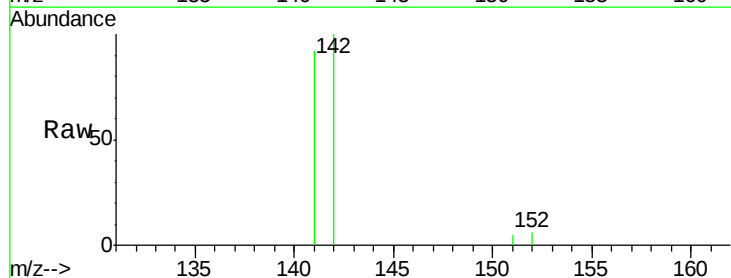
Acq: 31 Oct 2017 11:26

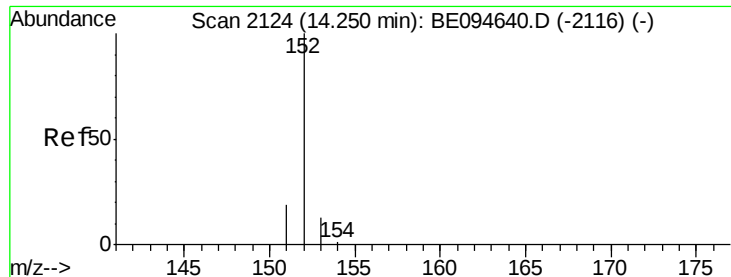
Tgt Ion:142 Resp: 4891

Ion Ratio Lower Upper

142 100

141 88.3 72.6 108.8





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

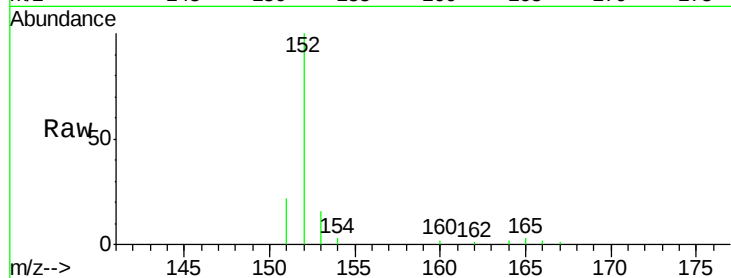
Tot Ion:152 Resp: 7602

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

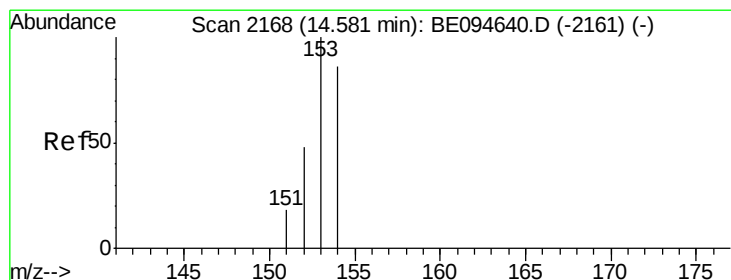
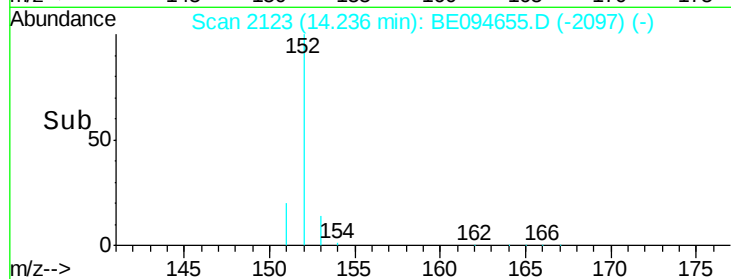
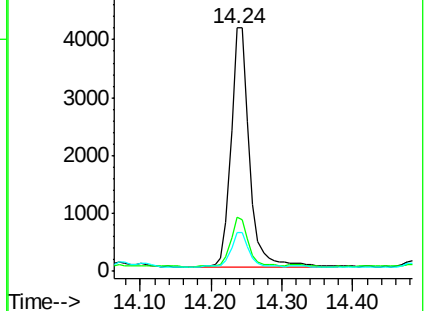
153 15.8 12.8 19.2



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: 0.42 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

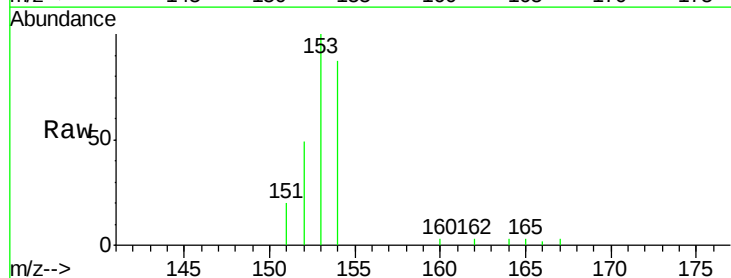
Tgt Ion:153 Resp: 5669

Ion Ratio Lower Upper

153 100

152 48.6 36.0 54.0

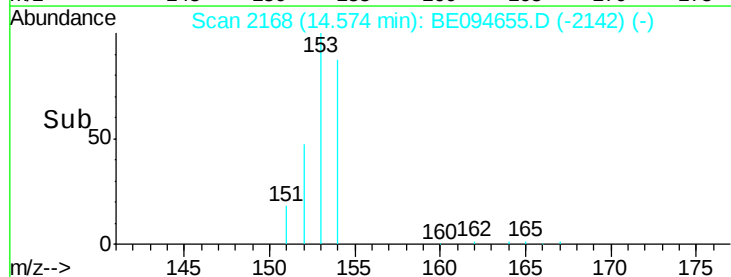
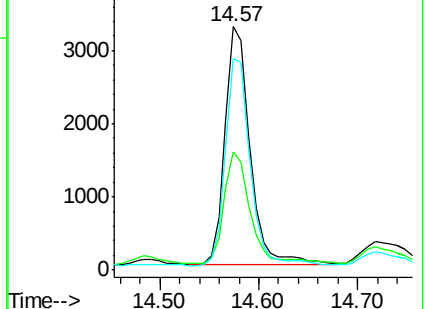
154 86.9 72.0 108.0

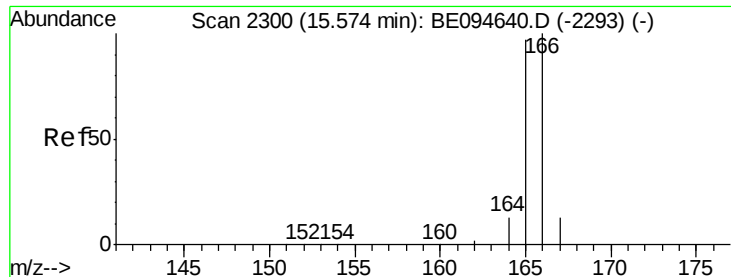


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

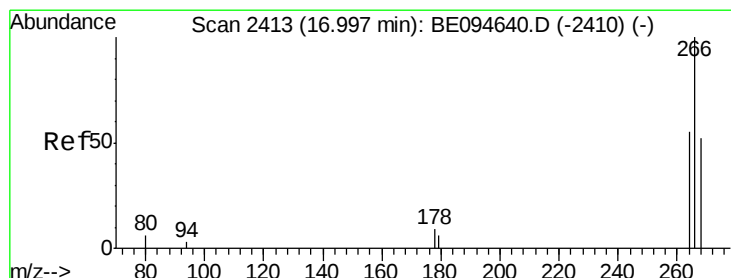
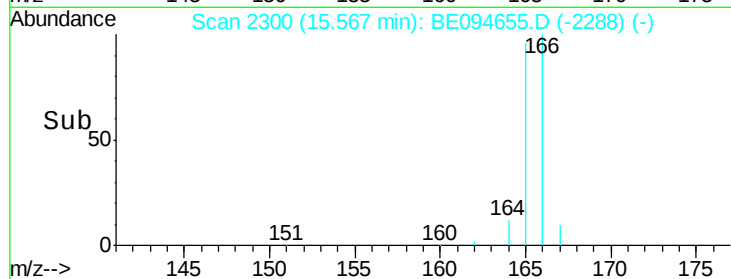
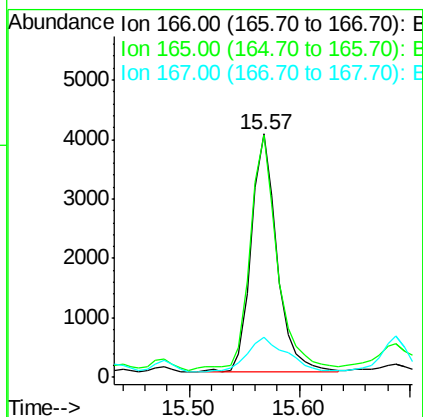
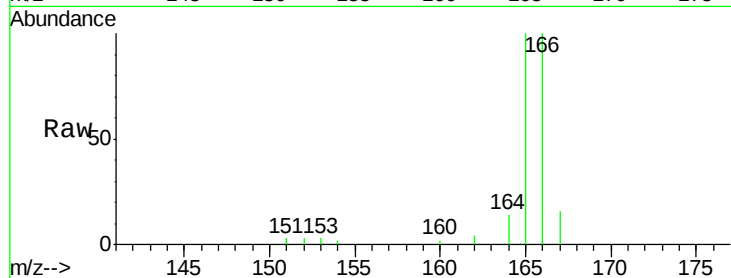




#9
Fluorene
 Concen: 0.43 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094655.D
 Acq: 31 Oct 2017 11:26

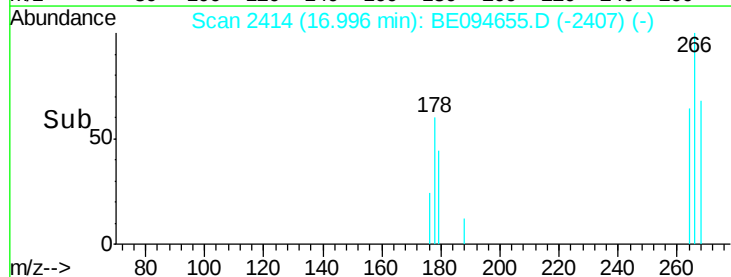
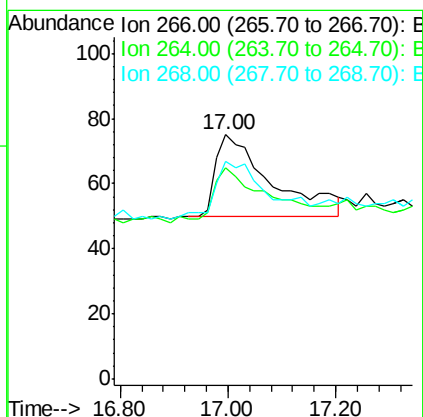
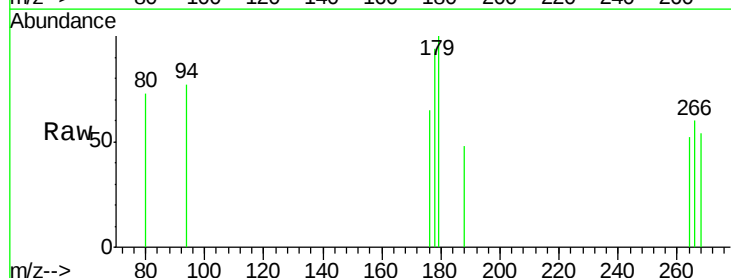
Instrument :
 BNA_E
 ClientSampleId :

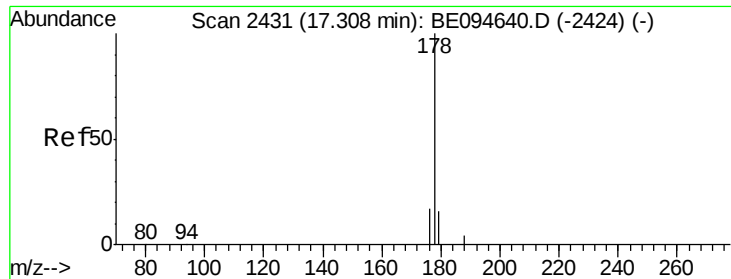
Tot Ion:166 Resp: 6643
 Ion Ratio Lower Upper
 166 100
 165 99.8 73.4 110.2
 167 16.5 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.41 ng/ul
 RT: 17.00 min Scan# 2414
 Delta R.T. 0.02 min
 Lab File: BE094655.D
 Acq: 31 Oct 2017 11:26

Tgt Ion:266 Resp: 179
 Ion Ratio Lower Upper
 266 100
 264 59.8 47.9 71.9
 268 62.6 49.8 74.8





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. 0.09 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

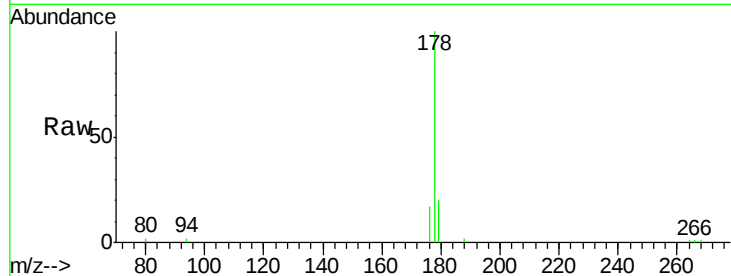
Tot Ion:178 Resp: 8837

Ion Ratio Lower Upper

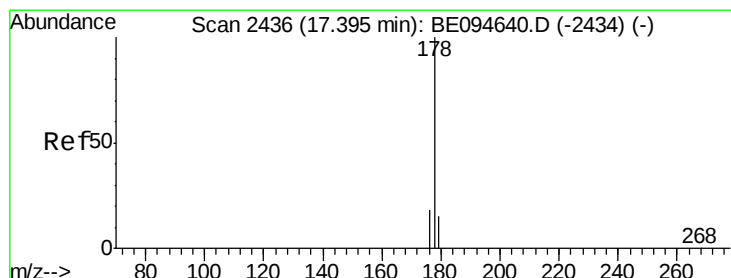
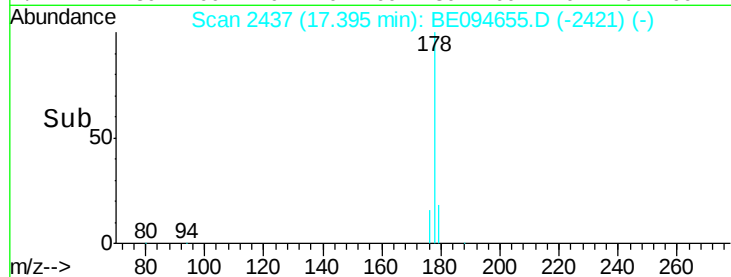
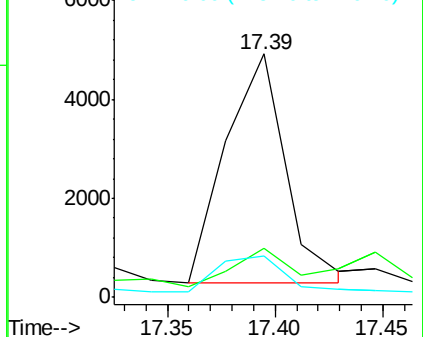
178 100

179 20.3 18.4 27.6

176 17.2 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: 0.42 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

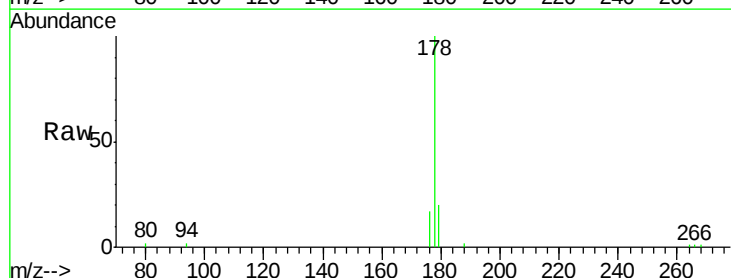
Tgt Ion:178 Resp: 9596

Ion Ratio Lower Upper

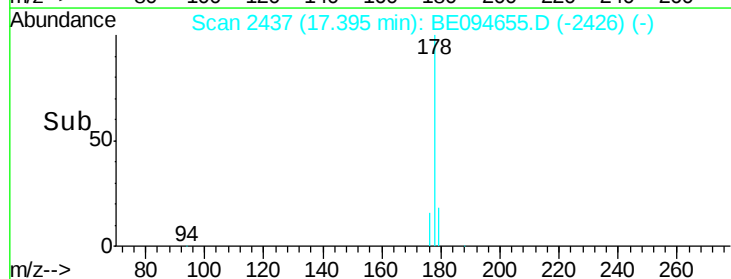
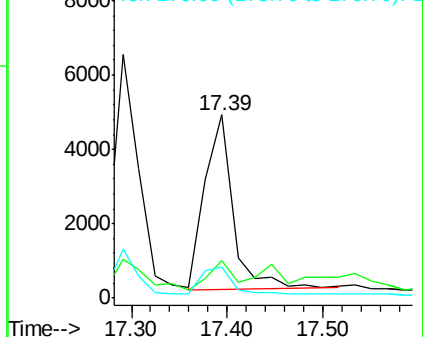
178 100

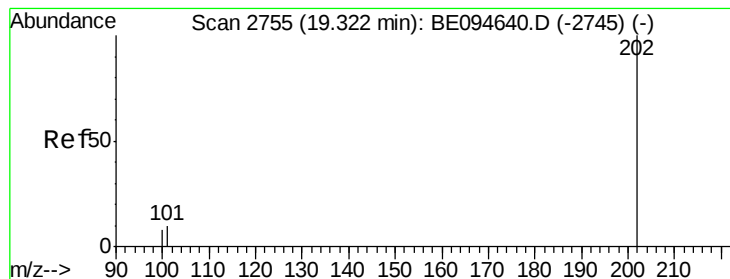
179 20.3 18.1 27.1

176 17.2 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: 0.40 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094655.D

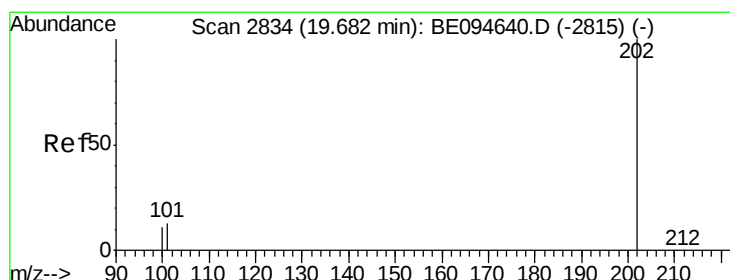
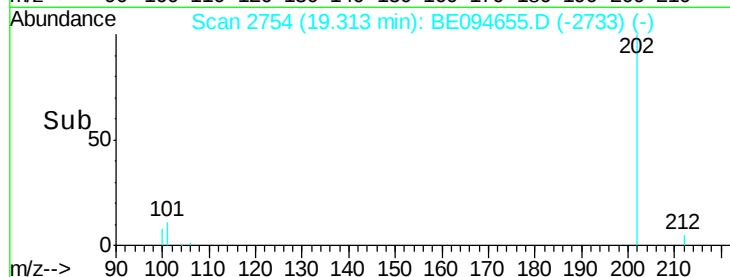
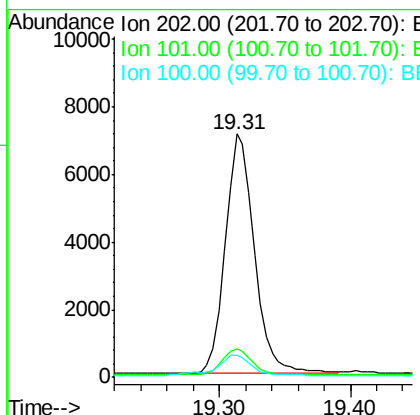
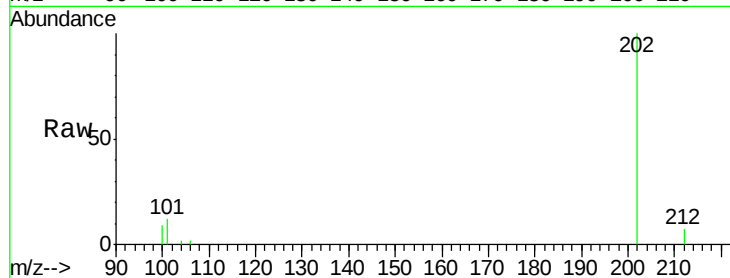
Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	10907
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5



#17

Pyrene

Concen: 0.43 ng/ul

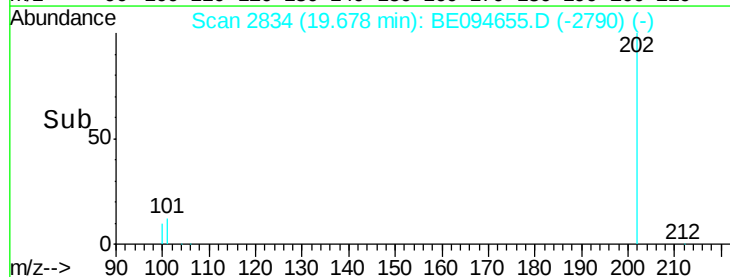
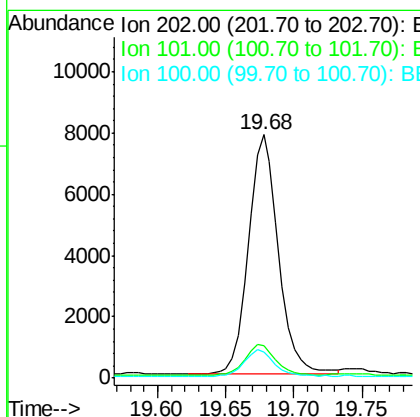
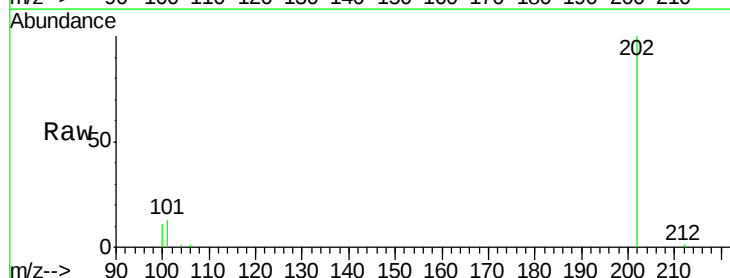
RT: 19.68 min Scan# 2834

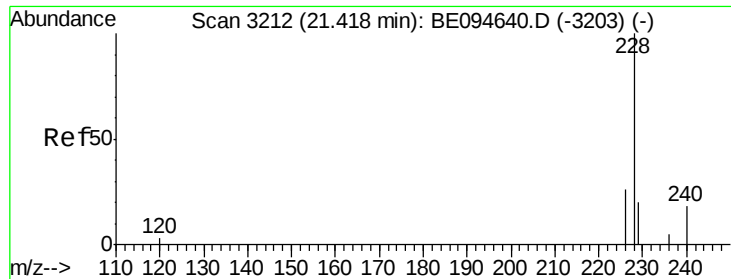
Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Tgt Ion:	202	Resp:	12066
Ion Ratio	Lower	Upper	
202	100		
101	13.3	18.2	27.4#
100	10.9	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

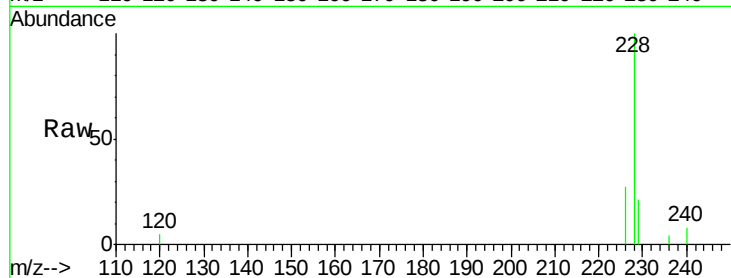
Tot Ion:228 Resp: 10599

Ion Ratio Lower Upper

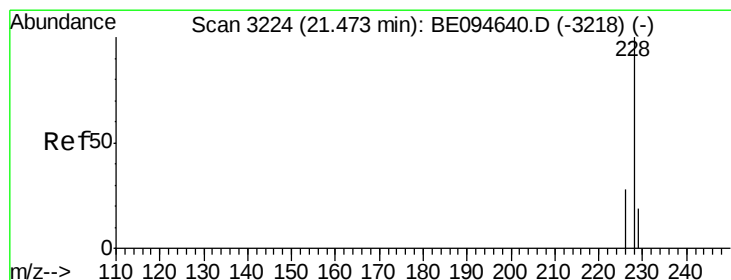
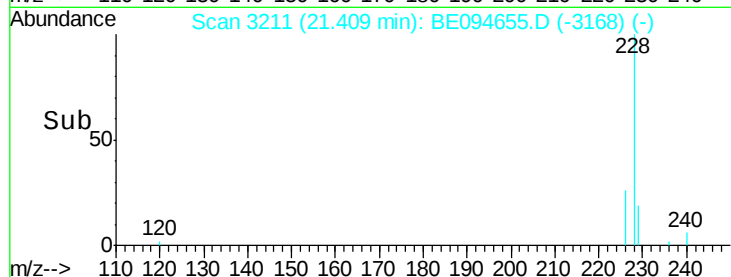
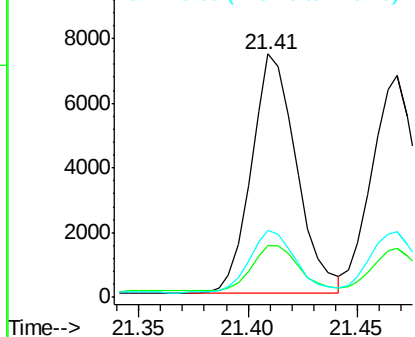
228 100

229 21.2 22.8 34.2#

226 27.3 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: 0.38 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

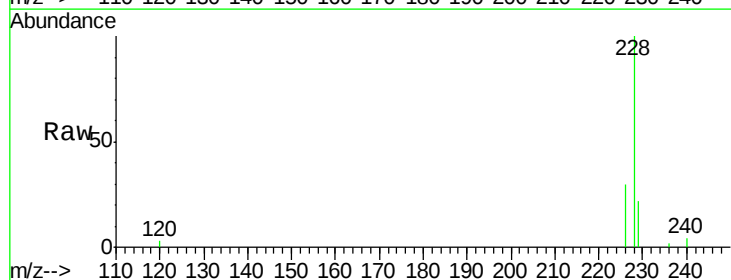
Tgt Ion:228 Resp: 10258

Ion Ratio Lower Upper

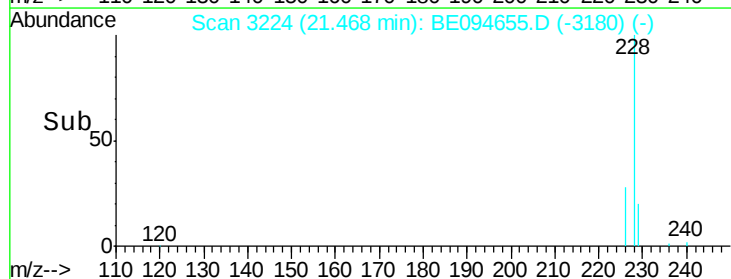
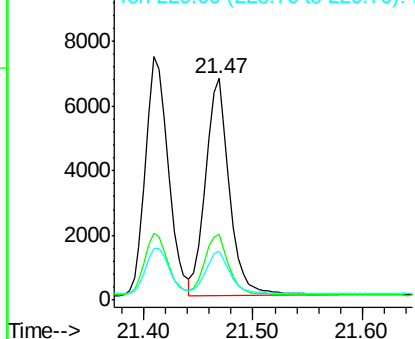
228 100

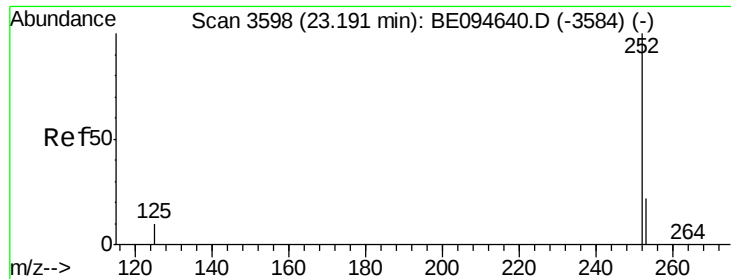
226 29.6 23.4 35.0

229 22.2 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: 0.40 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampleId :

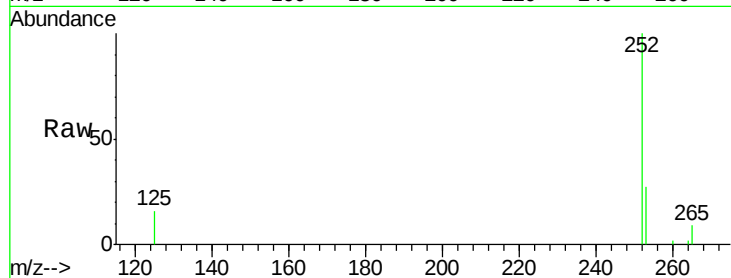
Tot Ion:252 Resp: 9777

Ion Ratio Lower Upper

252 100

253 26.8 0.0 64.2

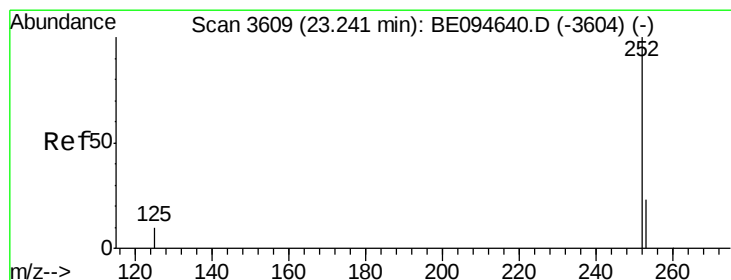
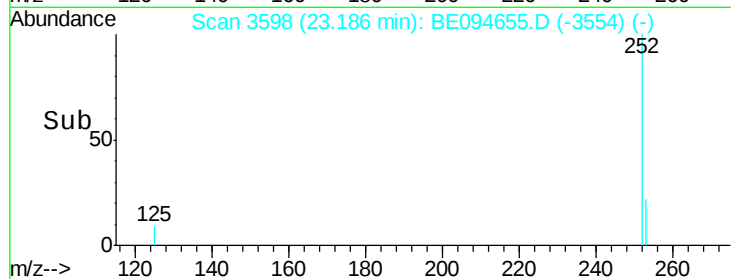
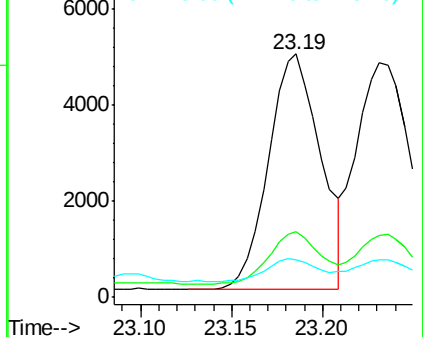
125 15.6 0.0 35.0



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: 0.40 ng/ul

RT: 23.23 min Scan# 3608

Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

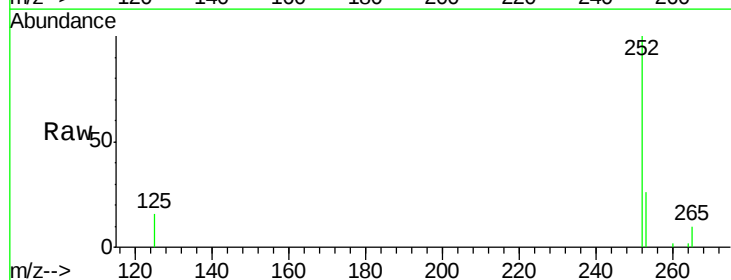
Tgt Ion:252 Resp: 10386

Ion Ratio Lower Upper

252 100

253 26.3 24.5 36.7

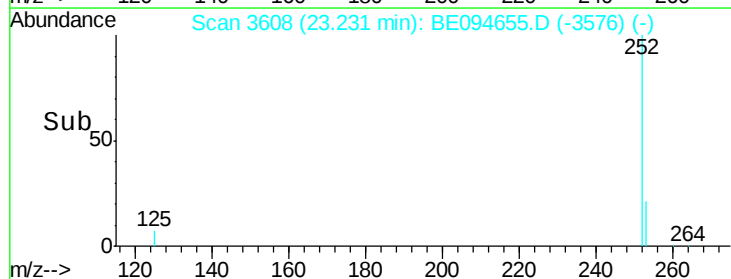
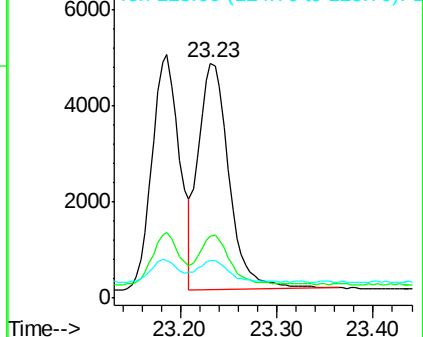
125 16.0 13.7 20.5

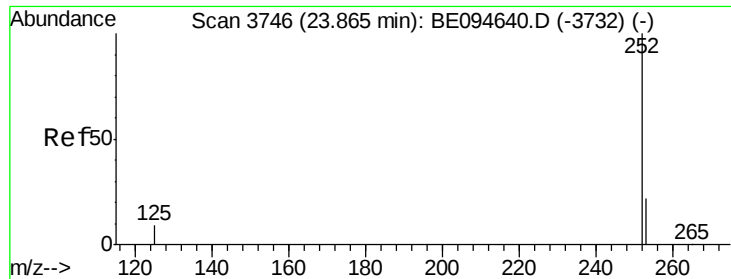


Abundance Ion 252.00 (251.70 to 252.70): E

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# 3745

Delta R.T. -0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

Instrument :

BNA_E

ClientSampled :

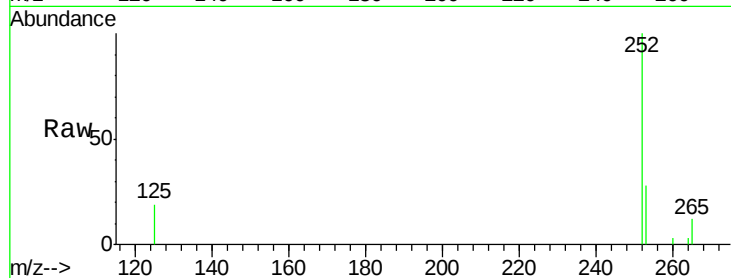
Tot Ion:252 Resp: 9695

Ion Ratio Lower Upper

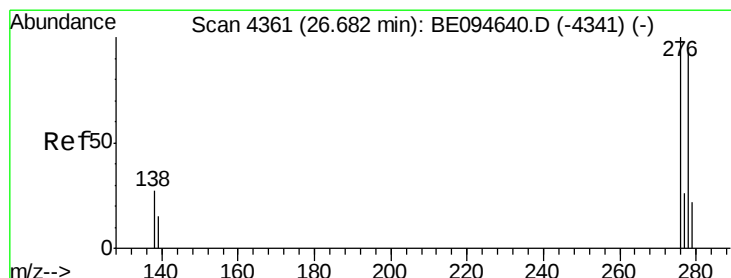
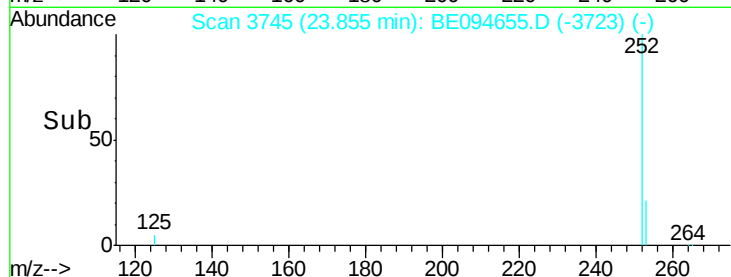
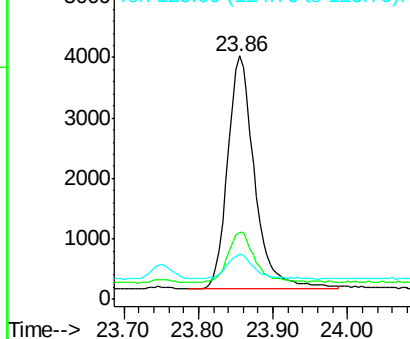
252 100

253 27.6 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: 0.36 ng/ul

RT: 26.67 min Scan# 4360

Delta R.T. 0.00 min

Lab File: BE094655.D

Acq: 31 Oct 2017 11:26

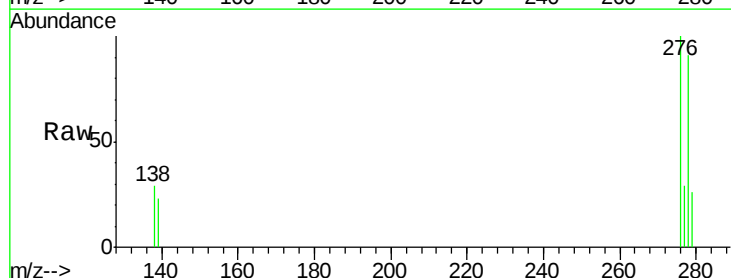
Tgt Ion:276 Resp: 9050

Ion Ratio Lower Upper

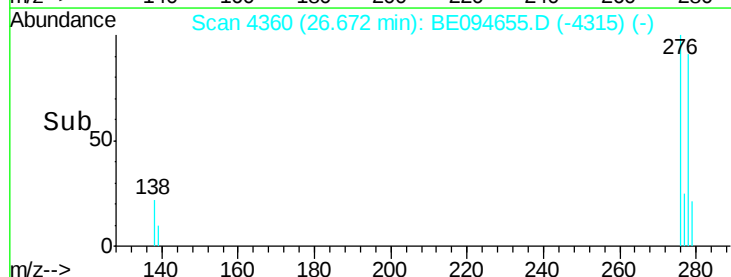
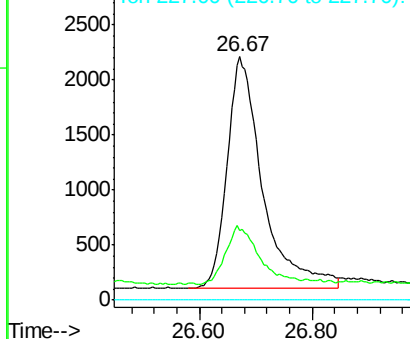
276 100

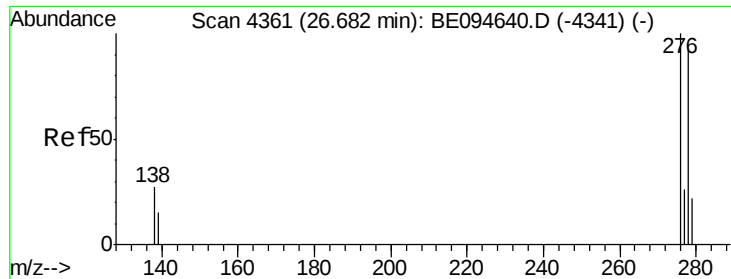
138 23.3 28.0 42.0#

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

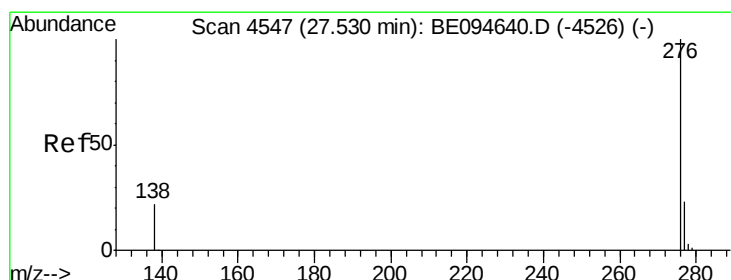
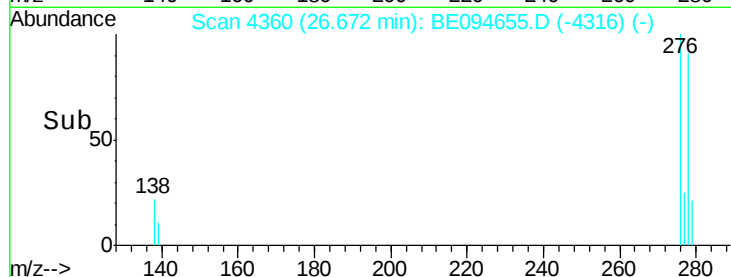
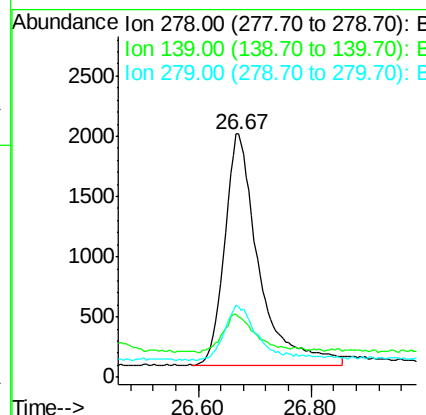
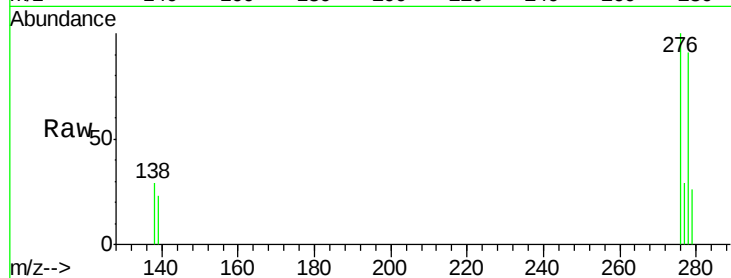




#25
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BE094655.D
Acq: 31 Oct 2017 11:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7979
Ion Ratio Lower Upper
278 100
139 24.8 17.4 26.0
279 29.0 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul
RT: 27.52 min Scan# 4546
Delta R.T. 0.01 min
Lab File: BE094655.D
Acq: 31 Oct 2017 11:26

Tgt Ion:276 Resp: 6644
Ion Ratio Lower Upper
276 100
138 29.4 21.8 32.8
277 30.6 20.5 30.7

