

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094369.D
 Acq On : 14 Oct 2017 23:42
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:11:14 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 05:22:31 2017
 Response via : Initial Calibration

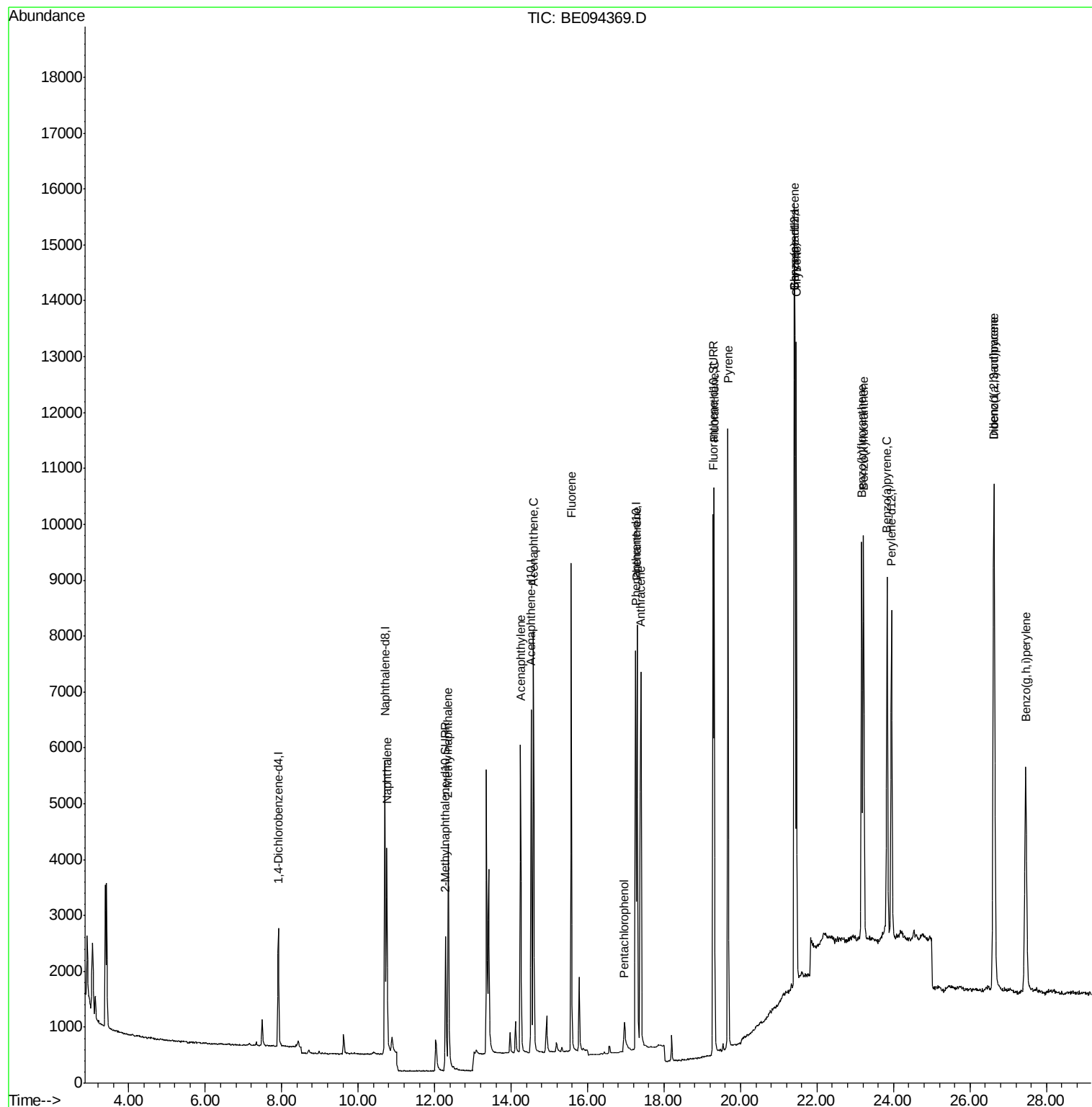
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1196	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	6350	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	3901	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9458	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9799	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	9390	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4104	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	11629	0.37	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	6094	0.392	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4366	0.433	ng/ul	98
7) Acenaphthylene	14.24	152	7215	0.474	ng/ul	98
8) Acenaphthene	14.58	153	5032	0.402	ng/ul	97
9) Fluorene	15.57	166	6021	0.411	ng/ul	94
11) Pentachlorophenol	16.96	266	844	0.760	ng/ul	97
12) Phenanthrene	17.29	178	9927	0.402	ng/ul#	86
13) Anthracene	17.39	178	9974	0.415	ng/ul#	94
15) Fluoranthene	19.31	202	11933	0.367	ng/ul	84
17) Pyrene	19.67	202	12567	0.461	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	11521	0.443	ng/ul#	87
19) Chrysene	21.46	228	10911	0.363	ng/ul	96
21) Benzo(b)fluoranthene	23.17	252	10889	0.427	ng/ul	91
22) Benzo(k)fluoranthene	23.22	252	10430	0.354	ng/ul#	94
23) Benzo(a)pyrene	23.83	252	10298	0.389	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	26.63	276	11730	0.433	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.63	278	9711	0.427	ng/ul#	92
26) Benzo(g,h,i)perylene	27.46	276	9606	0.411	ng/ul#	90

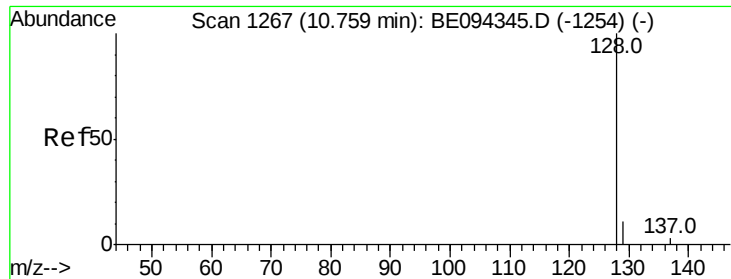
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

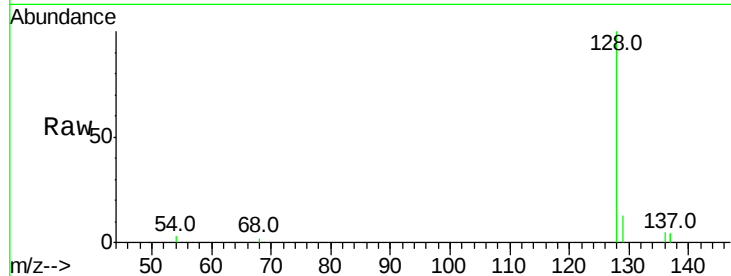
Tot Ion:128 Resp: 6094

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

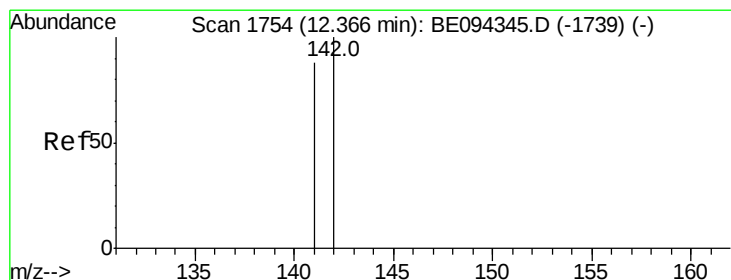
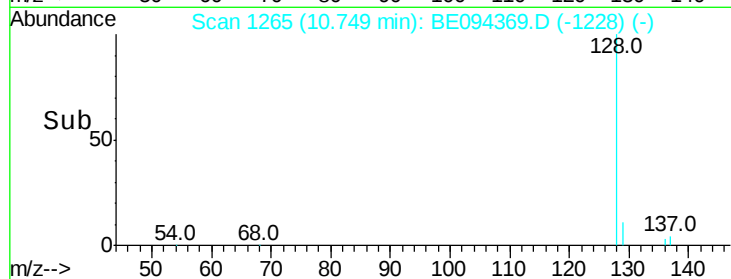
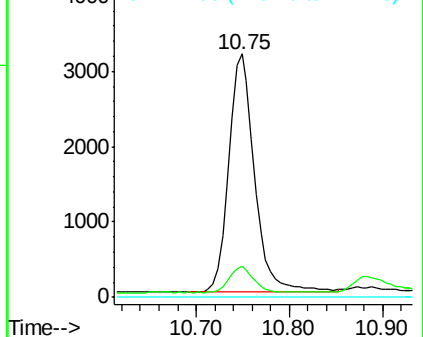
127 0.0 4.0 6.0#



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: 0.433 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BE094369.D

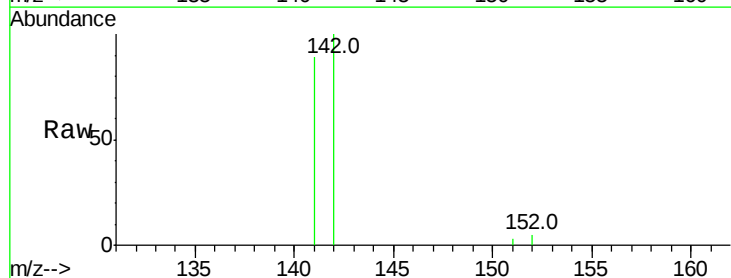
Acq: 14 Oct 2017 23:42

Tgt Ion:142 Resp: 4366

Ion Ratio Lower Upper

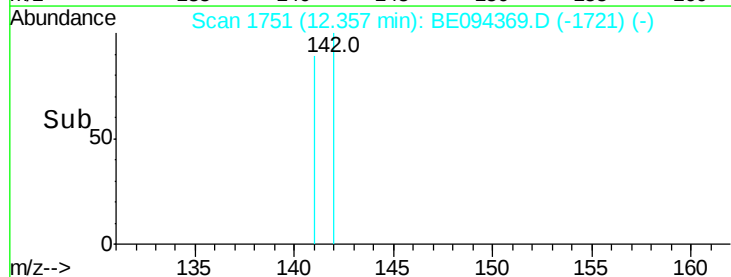
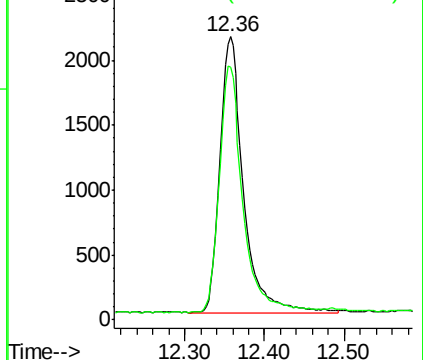
142 100

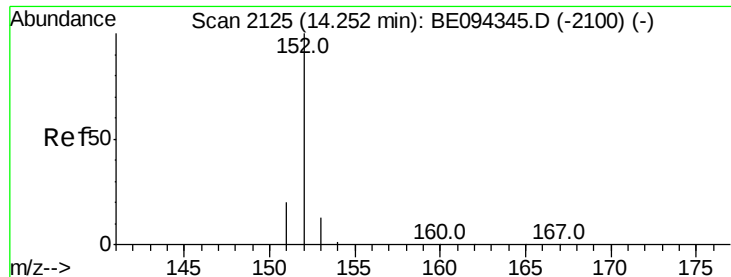
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.474 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampled :

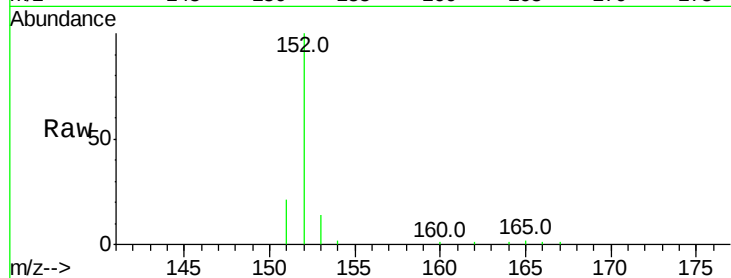
Tot Ion:152 Resp: 7215

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

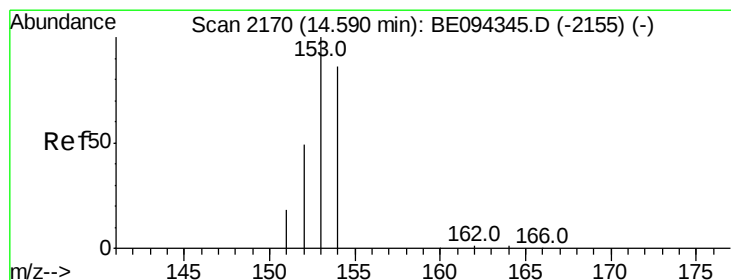
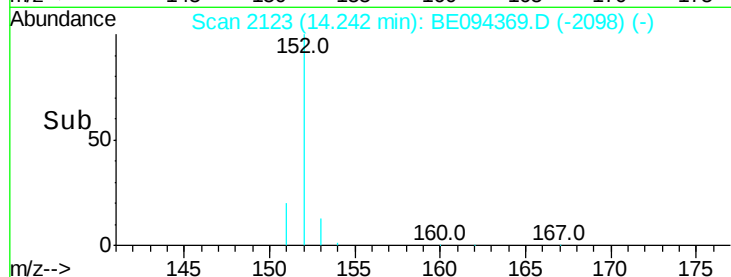
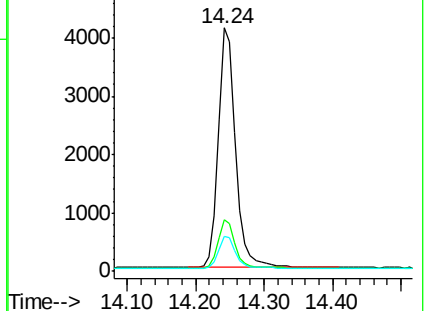
153 14.1 12.8 19.2



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: 0.402 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

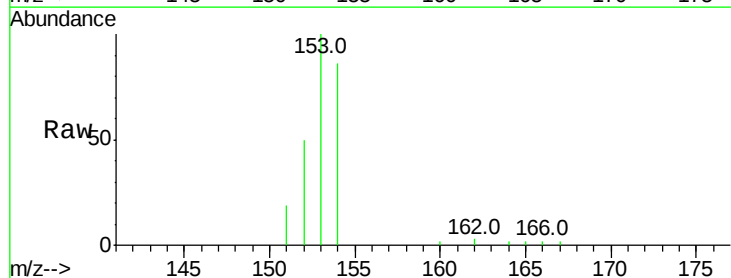
Tgt Ion:153 Resp: 5032

Ion Ratio Lower Upper

153 100

152 50.0 40.3 60.5

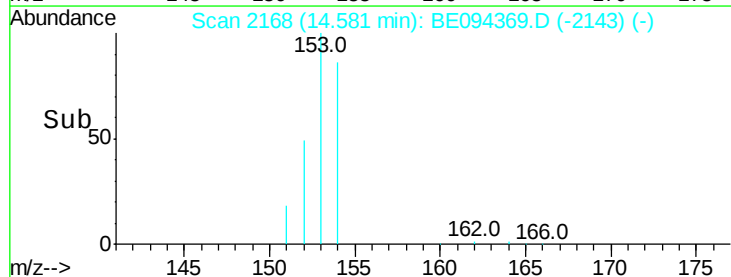
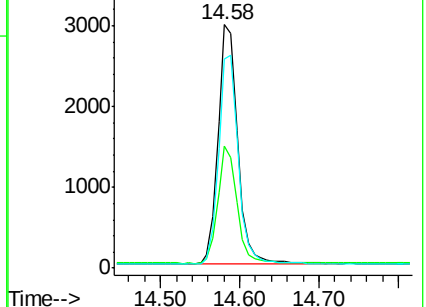
154 85.9 71.4 107.2

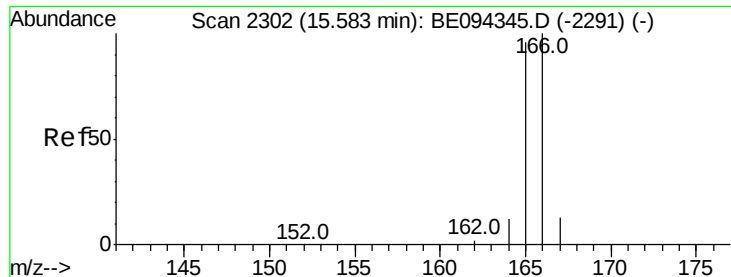


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.411 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

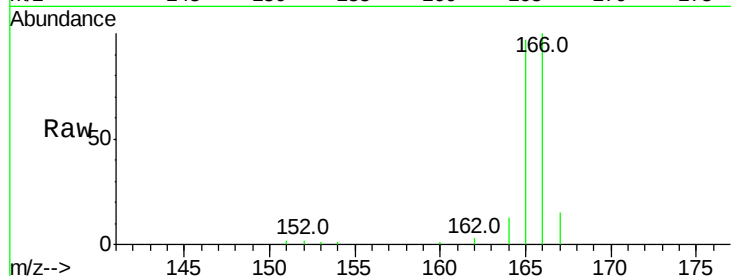
Tot Ion:166 Resp: 6021

Ion Ratio Lower Upper

166 100

165 96.8 73.4 110.2

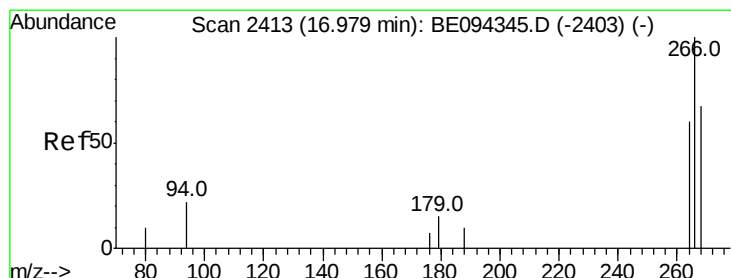
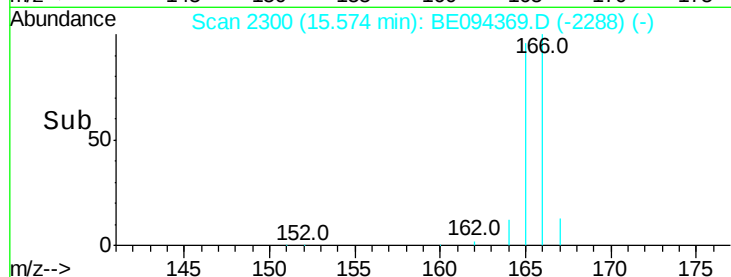
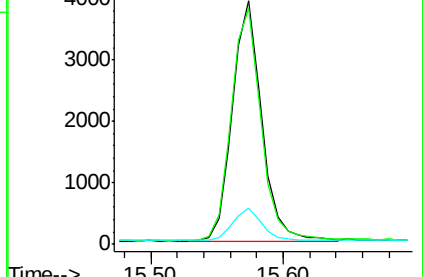
167 14.7 14.6 22.0



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: 0.760 ng/ul

RT: 16.96 min Scan# 2411

Delta R.T. -0.02 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

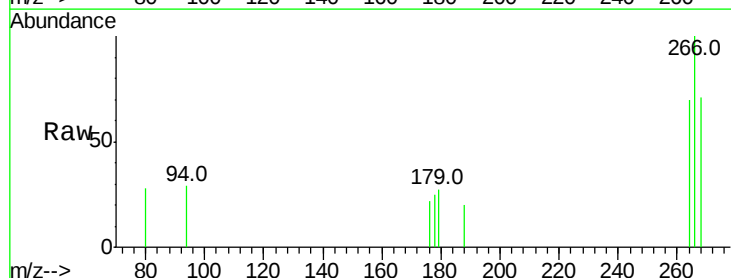
Tgt Ion:266 Resp: 844

Ion Ratio Lower Upper

266 100

264 64.1 47.9 71.9

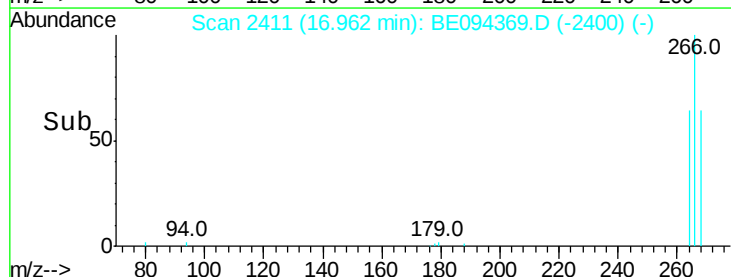
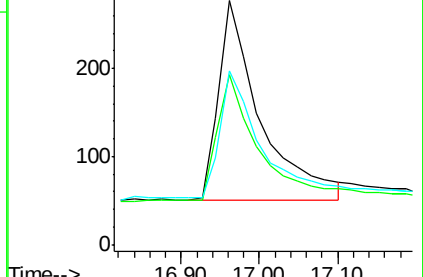
268 62.3 49.8 74.8

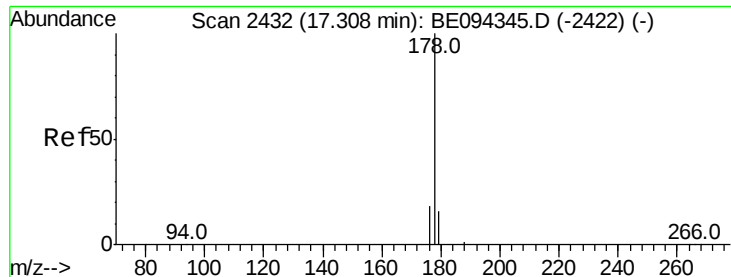


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

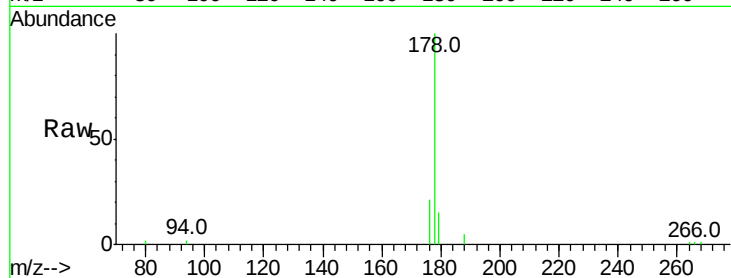
Tot Ion:178 Resp: 9927

Ion Ratio Lower Upper

178 100

179 14.9 18.4 27.6#

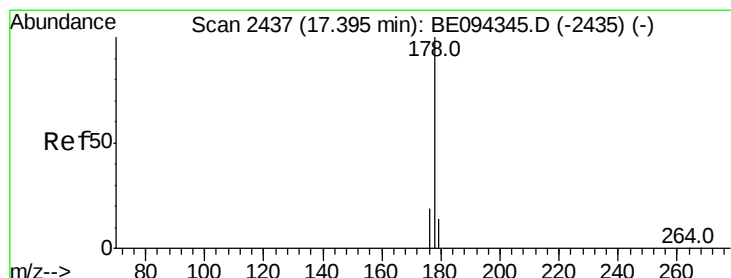
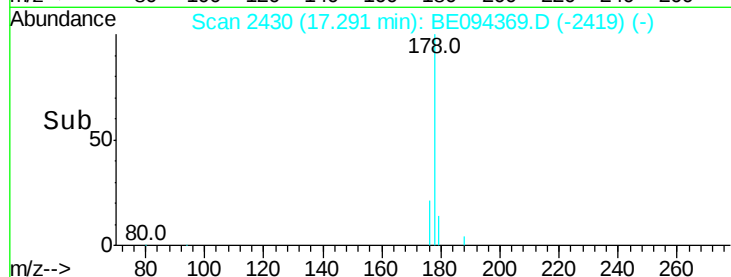
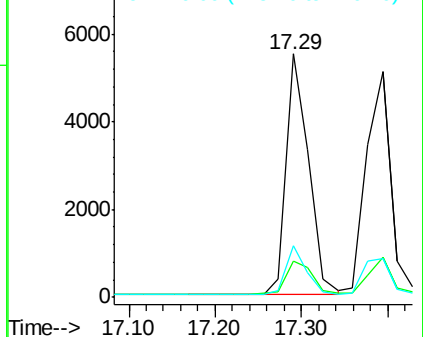
176 21.3 13.6 20.4#



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: 0.415 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

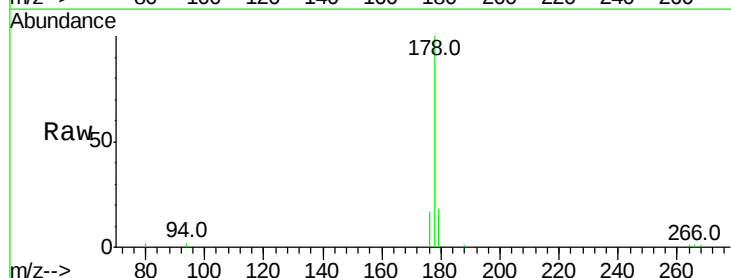
Tgt Ion:178 Resp: 9974

Ion Ratio Lower Upper

178 100

179 17.9 18.1 27.1#

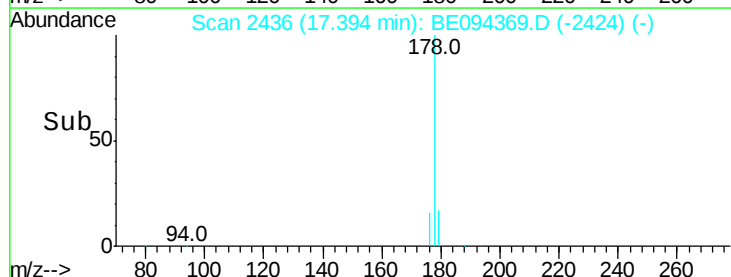
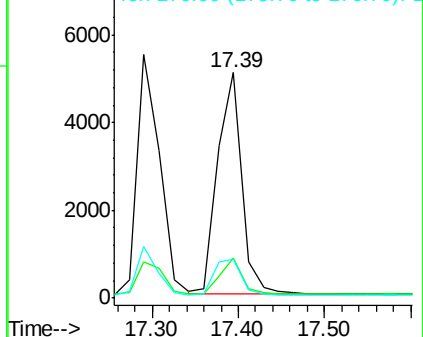
176 17.4 14.7 22.1

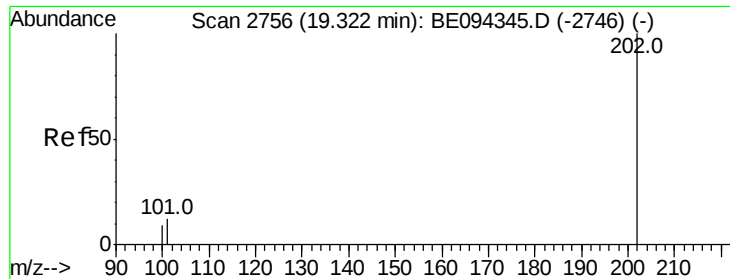


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

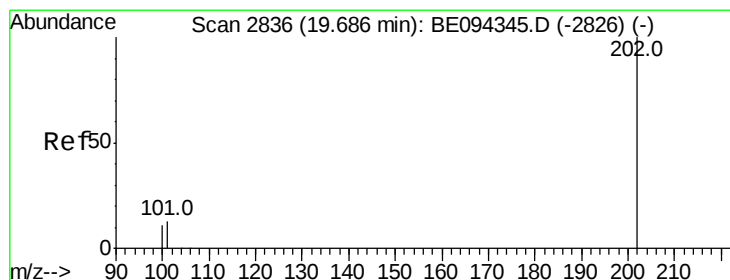
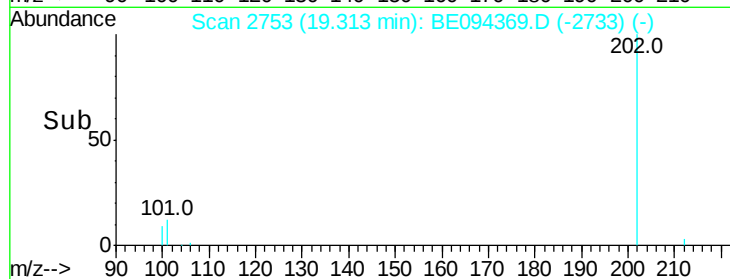
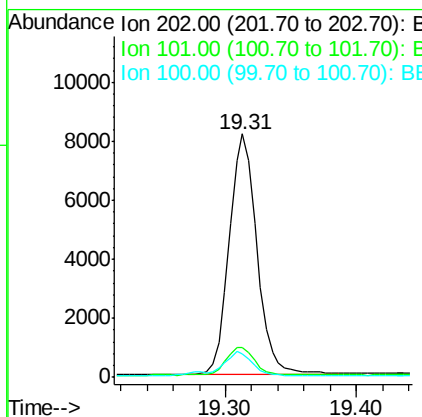
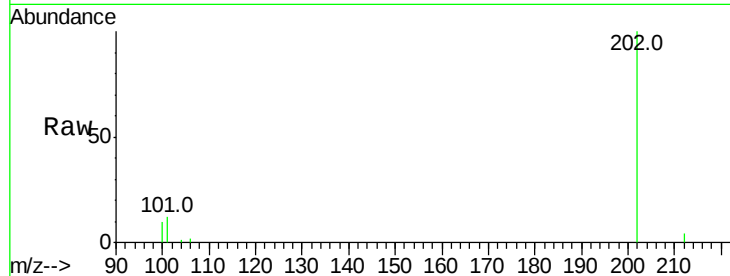




#15
Fluoranthene
 Concen: 0.367 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094369.D
 Acq: 14 Oct 2017 23:42

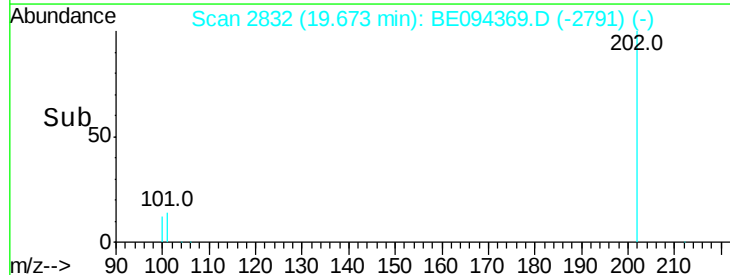
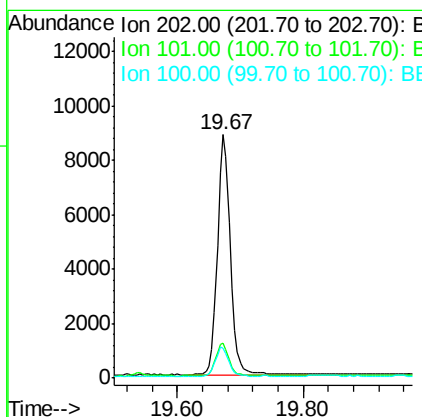
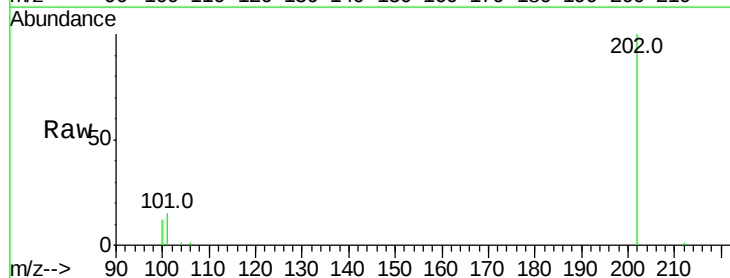
Instrument :
 BNA_E
 ClientSampled :

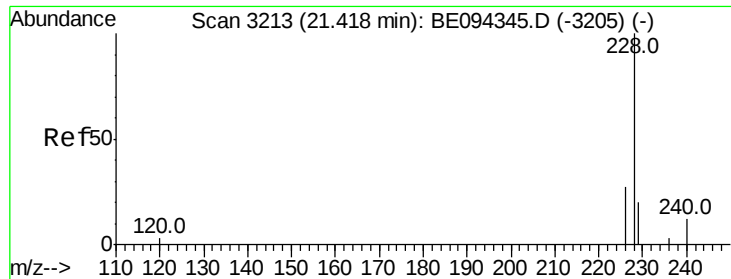
Tot Ion:202 Resp: 11933
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.3
 100 9.9 0.0 39.5



#17
Pyrene
 Concen: 0.461 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094369.D
 Acq: 14 Oct 2017 23:42

Tgt Ion:202 Resp: 12567
 Ion Ratio Lower Upper
 202 100
 101 14.6 18.2 27.4#
 100 12.5 15.6 23.4#

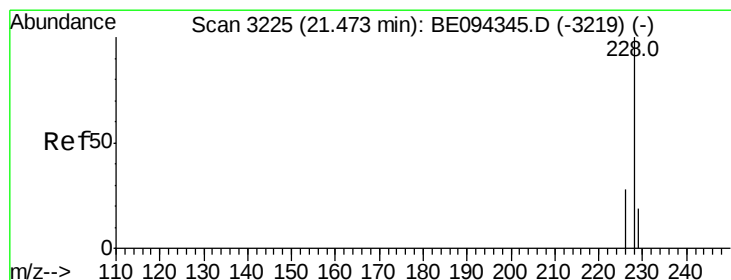
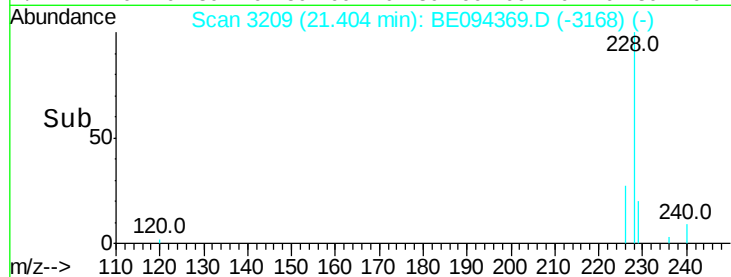
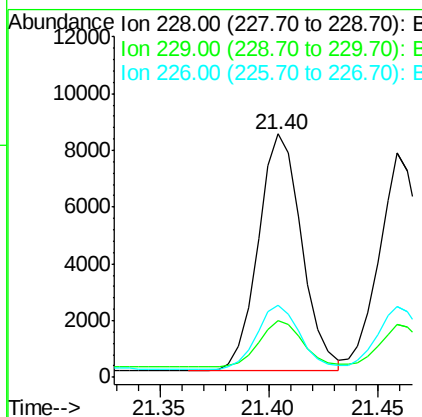
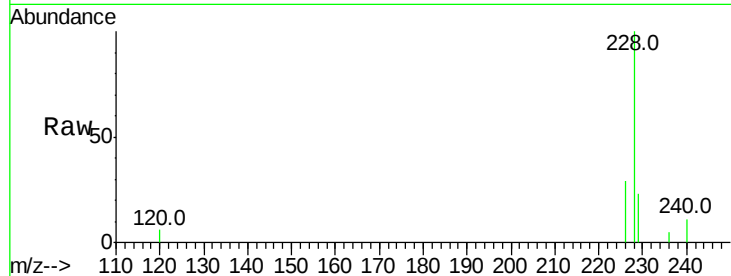




#18
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094369.D
Acq: 14 Oct 2017 23:42

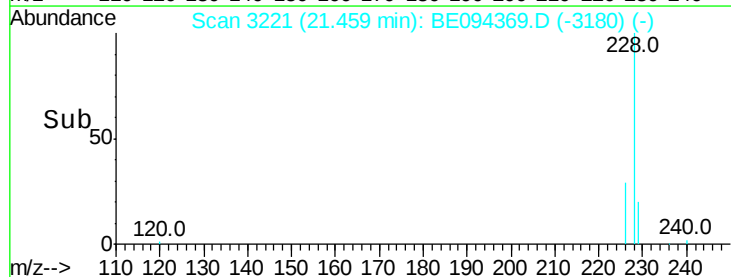
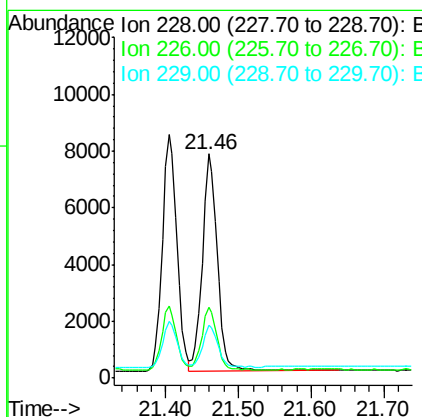
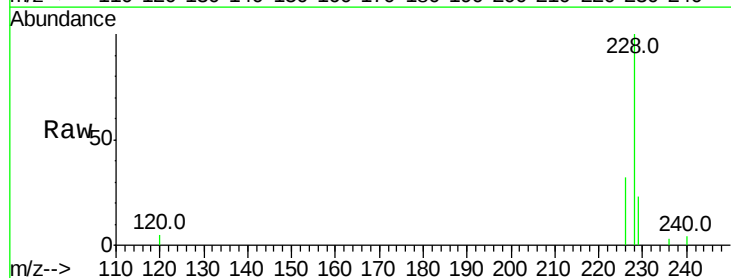
Instrument :
BNA_E
ClientSampleId :

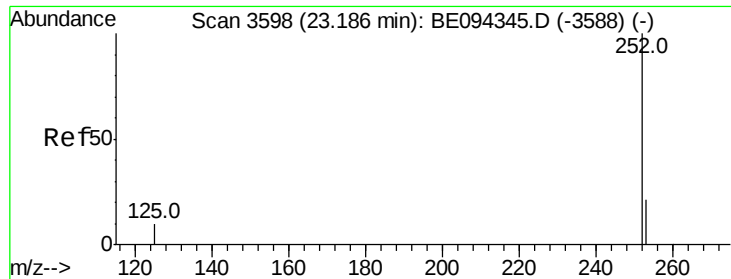
Tot Ion:228 Resp: 11521
Ion Ratio Lower Upper
228 100
229 23.2 22.8 34.2
226 29.5 17.0 25.6#



#19
Chrysene
Concen: 0.363 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094369.D
Acq: 14 Oct 2017 23:42

Tgt Ion:228 Resp: 10911
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.0
229 23.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.427 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.02 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

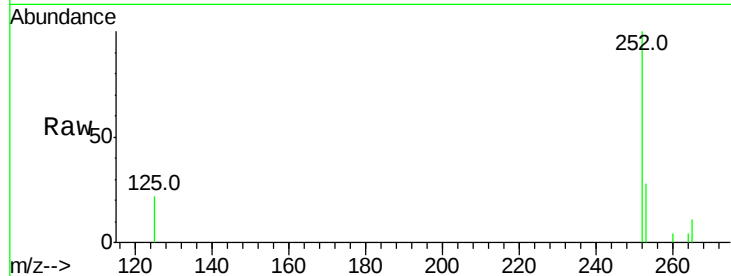
Tot Ion:252 Resp: 10889

Ion Ratio Lower Upper

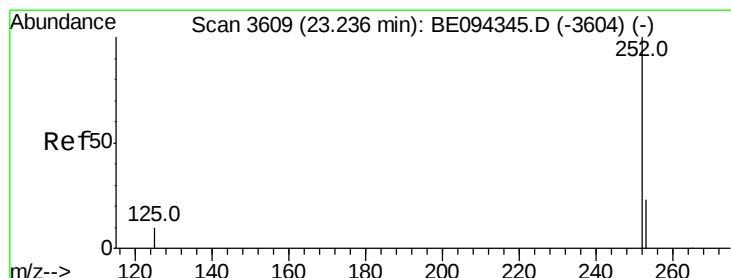
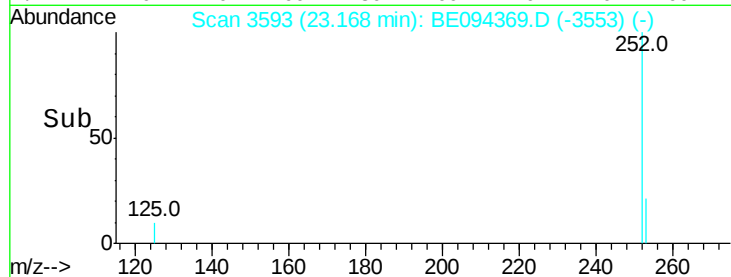
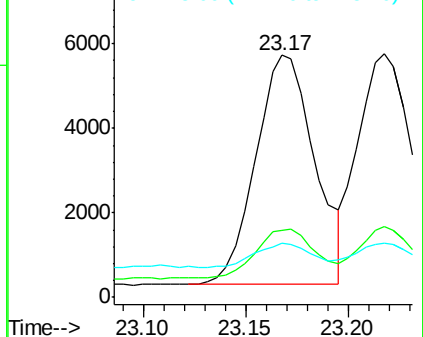
252 100

253 27.8 0.0 64.2

125 22.4 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: 0.354 ng/ul

RT: 23.22 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

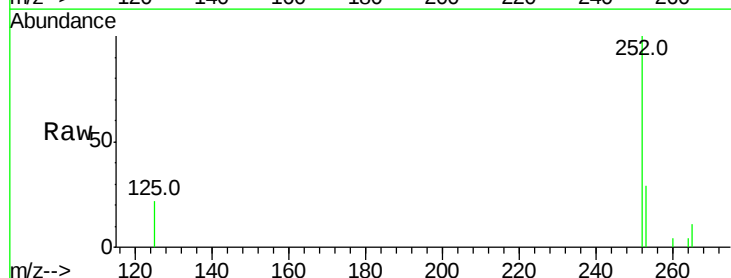
Tgt Ion:252 Resp: 10430

Ion Ratio Lower Upper

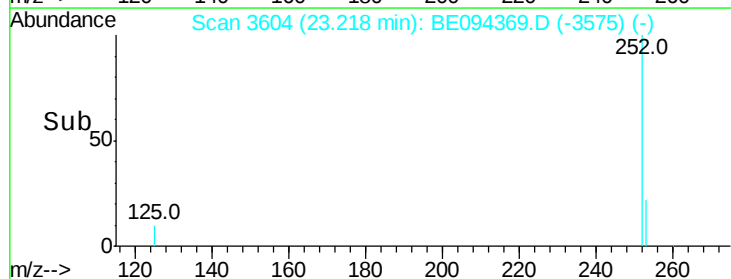
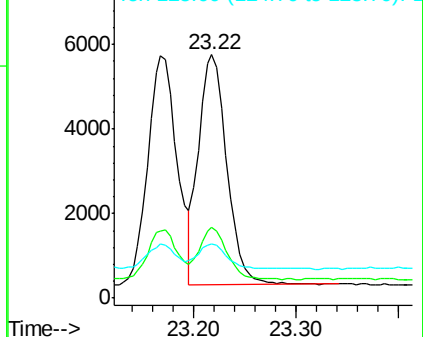
252 100

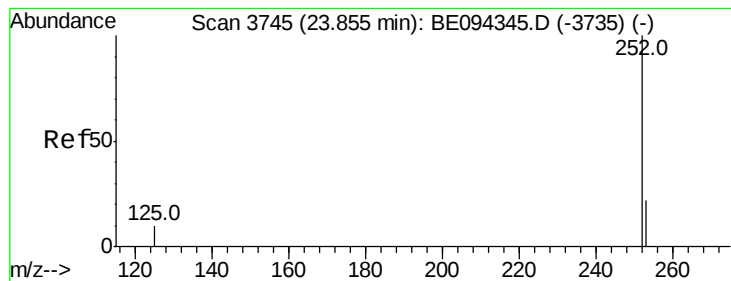
253 29.0 24.5 36.7

125 22.2 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: 0.389 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.02 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

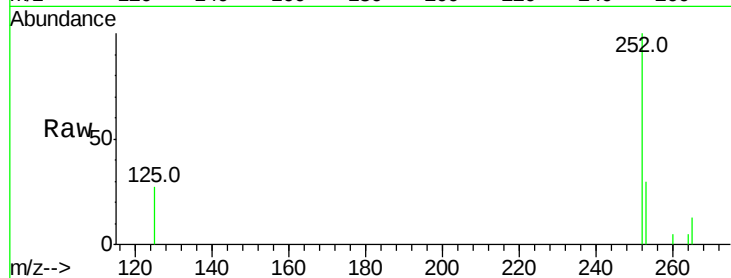
Tot Ion:252 Resp: 10298

Ion Ratio Lower Upper

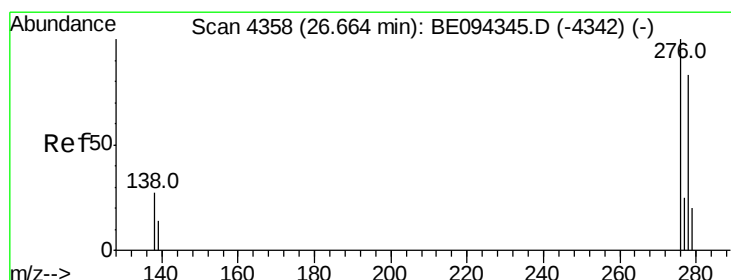
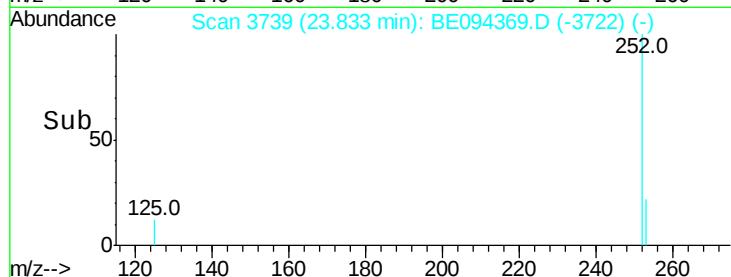
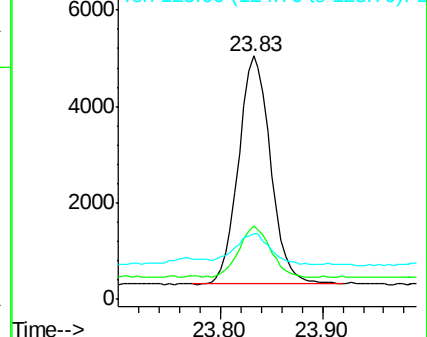
252 100

253 29.9 28.5 42.7

125 27.0 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: 0.433 ng/ul

RT: 26.63 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

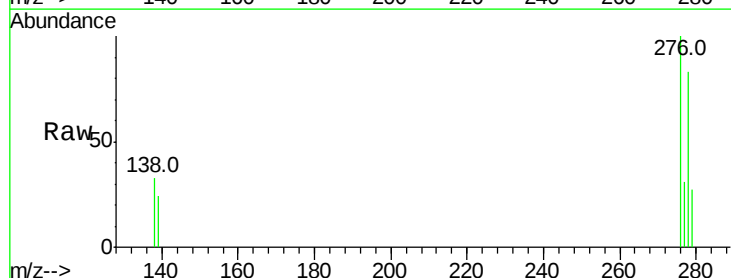
Tgt Ion:276 Resp: 11730

Ion Ratio Lower Upper

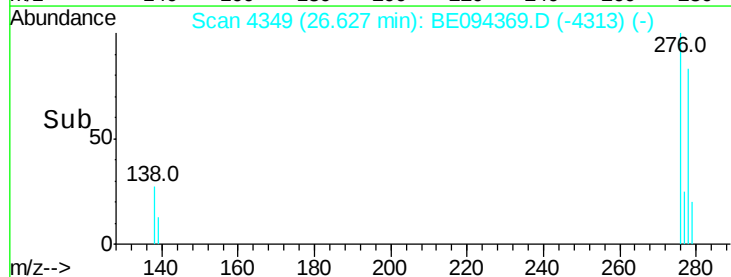
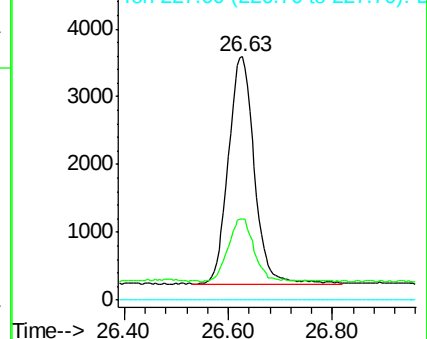
276 100

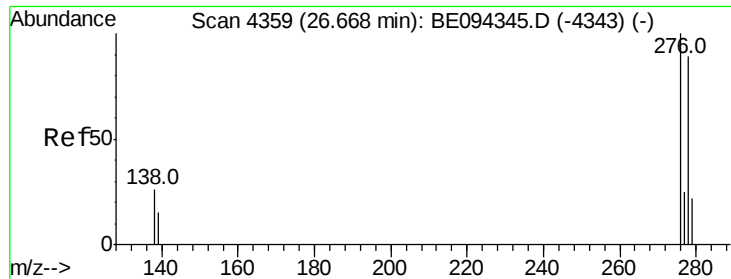
138 27.7 28.0 42.0#

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: 0.427 ng/ul

RT: 26.63 min Scan# 4350

Delta R.T. -0.04 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Instrument :

BNA_E

ClientSampleId :

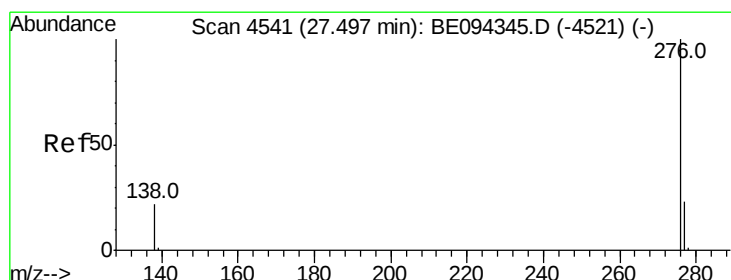
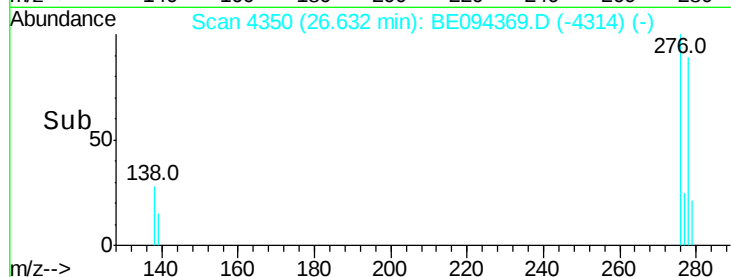
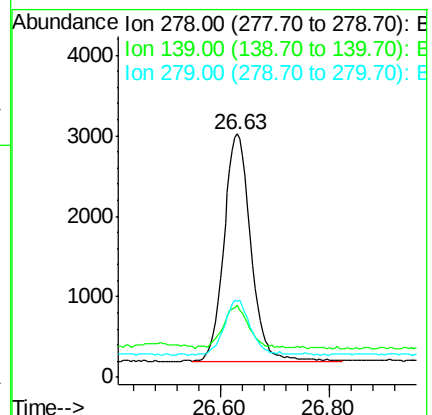
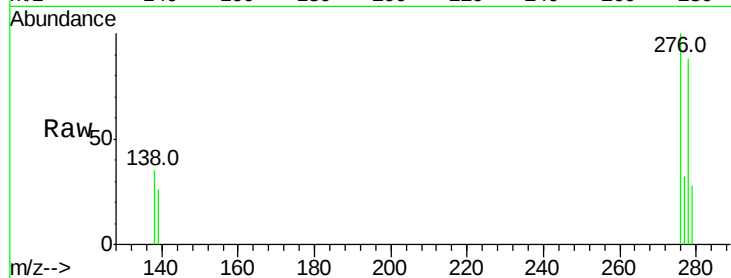
Tot Ion:278 Resp: 9711

Ion Ratio Lower Upper

278 100

139 29.5 17.4 26.0#

279 31.1 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 0.411 ng/ul

RT: 27.46 min Scan# 4531

Delta R.T. -0.04 min

Lab File: BE094369.D

Acq: 14 Oct 2017 23:42

Tgt Ion:276 Resp: 9606

Ion Ratio Lower Upper

276 100

138 31.4 21.8 32.8

277 32.1 20.5 30.7#

