

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
 Data File : BE094550.D
 Acq On : 26 Oct 2017 1:36
 Operator : SJ/JU
 Sample : I5747-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 26 12:00:41 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 Oct 25 18:44:03 2017
 Response via : Initial Calibration

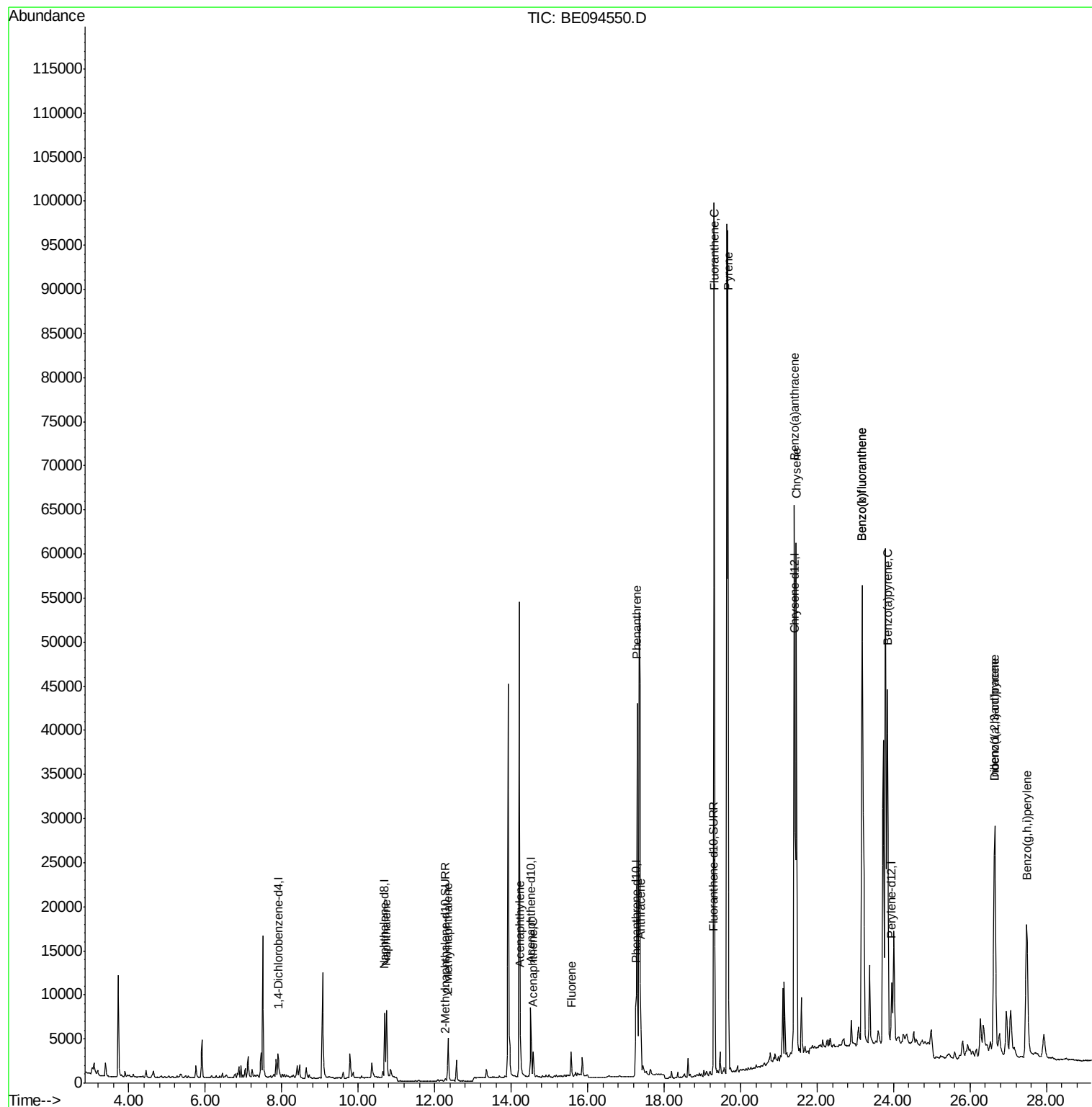
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4733	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10918	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10645	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	507	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1172	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	12648	0.608	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	4678	0.322	ng/ul	98
7) Acenaphthylene	14.24	152	4007	0.187	ng/ul	100
8) Acenaphthene	14.57	153	1891	0.123	ng/ul	94
9) Fluorene	15.57	166	1946	0.113	ng/ul	92
12) Phenanthrene	17.29	178	47176	1.636	ng/ul#	90
13) Anthracene	17.38	178	10228	0.359	ng/ul#	92
15) Fluoranthene	19.31	202	110801	3.323	ng/ul	84
17) Pyrene	19.67	202	106758	3.244	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	57818	1.900	ng/ul#	87
19) Chrysene	21.46	228	63480	2.018	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	128522	4.448	ng/ul	88
22) Benzo(k)fluoranthene	23.18	252	128522	4.151	ng/ul#	90
23) Benzo(a)pyrene	23.84	252	65122	2.255	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.65	276	51244	1.715	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12740	0.506	ng/ul#	87
26) Benzo(a,h,i)perylene	27.48	276	41925	1.747	ng/ul	97

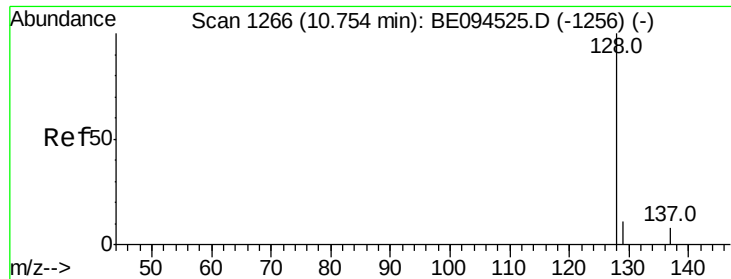
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 25 18:44:03 2017
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#3

Naphthalene

Concen: 0.608 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :

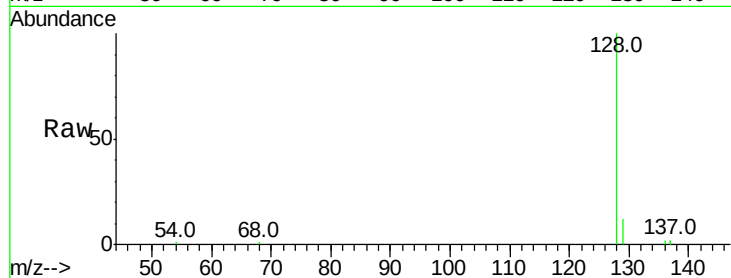
Tot Ion:128 Resp: 12648

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

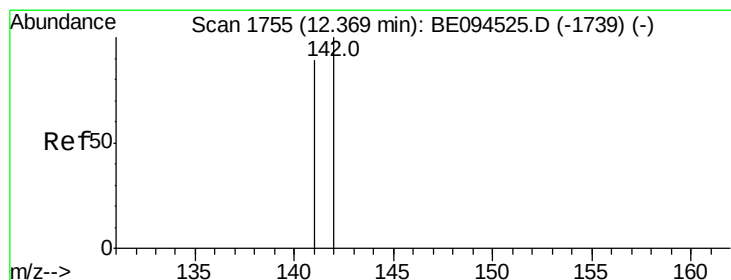
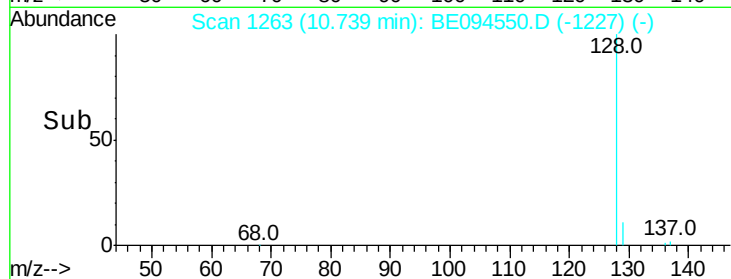
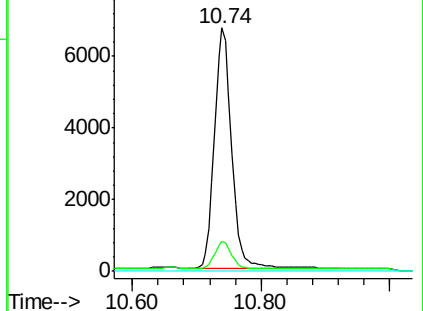
127 0.0 4.0 6.0#



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: 0.322 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE094550.D

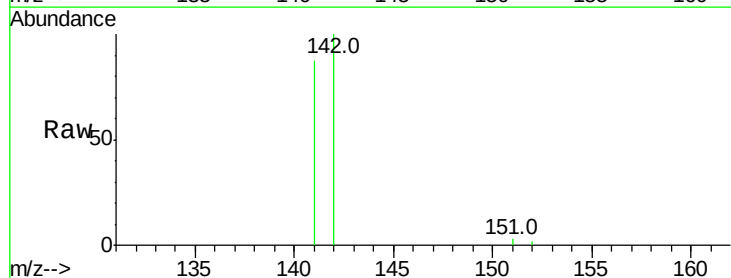
Acq: 26 Oct 2017 1:36

Tgt Ion:142 Resp: 4678

Ion Ratio Lower Upper

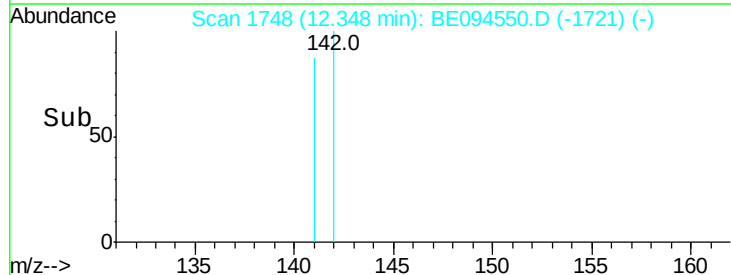
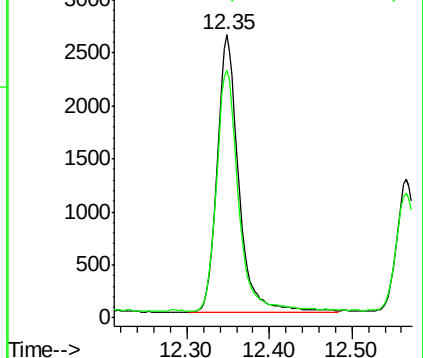
142 100

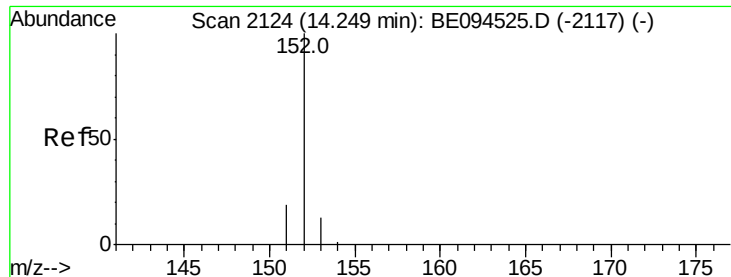
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

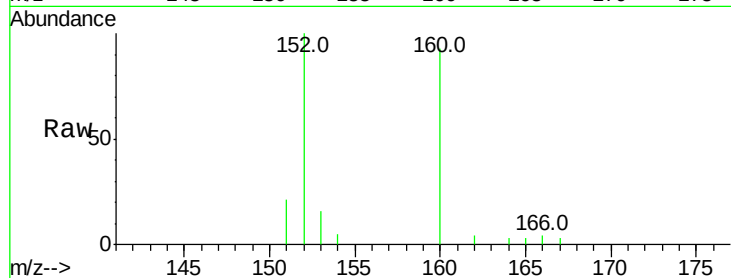
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 4007

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	16.4	12.8	19.2

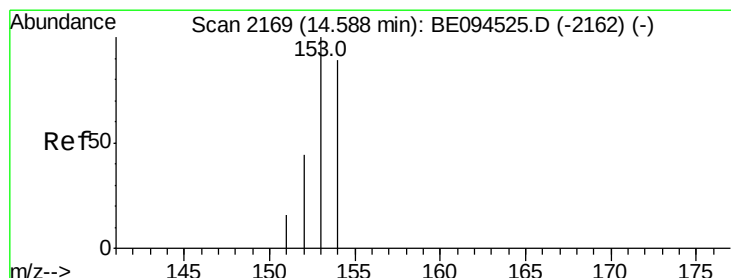
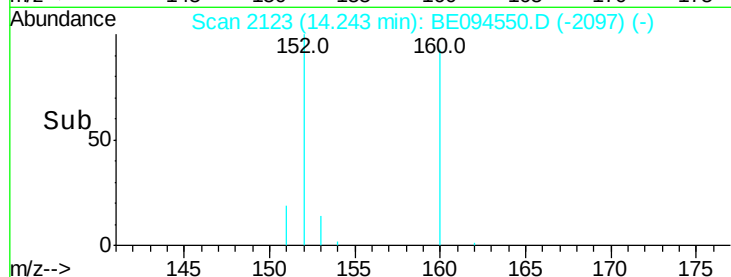
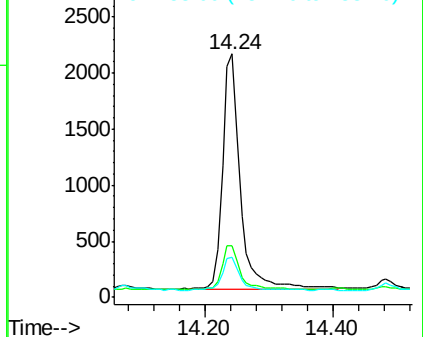


Abundance

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: 0.123 ng/ul

RT: 14.57 min Scan# 2167

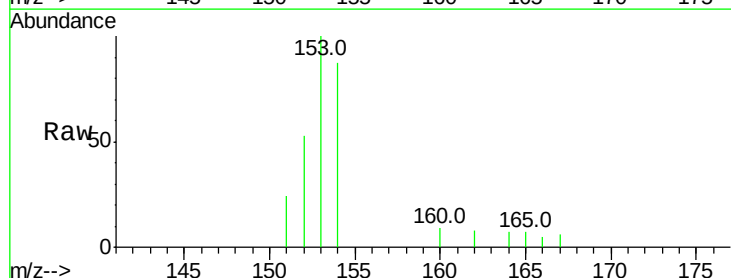
Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:153 Resp: 1891

Ion	Ratio	Lower	Upper
153	100		
152	53.1	36.0	54.0
154	87.4	72.0	108.0

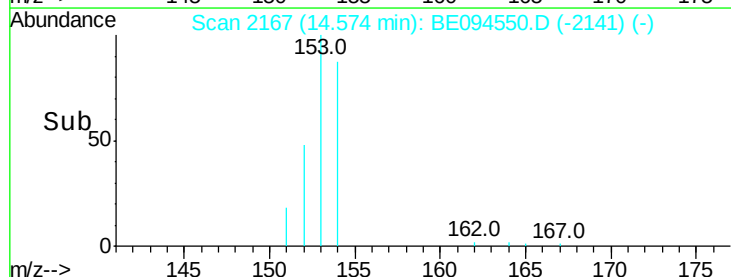
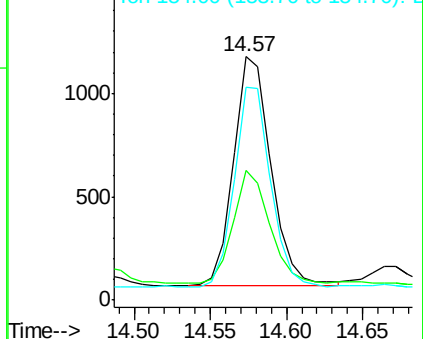


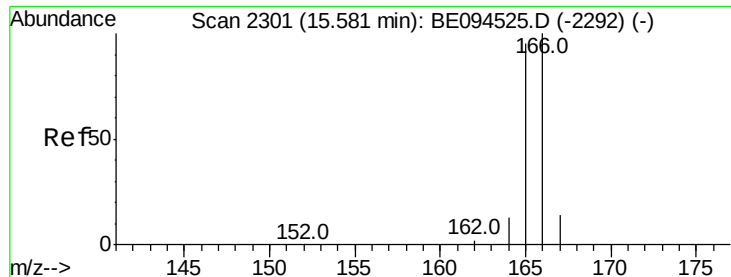
Abundance

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

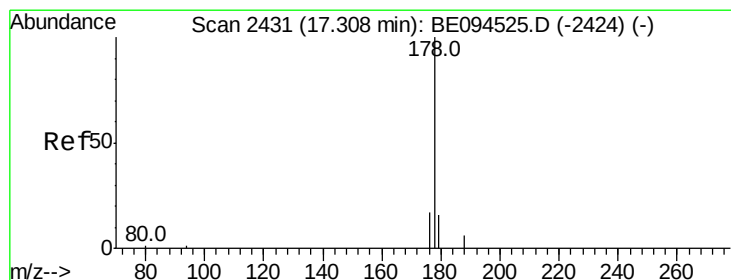
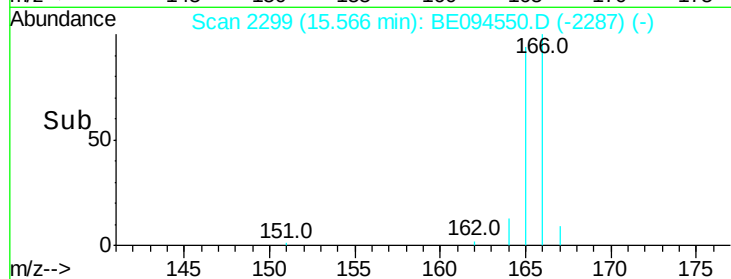
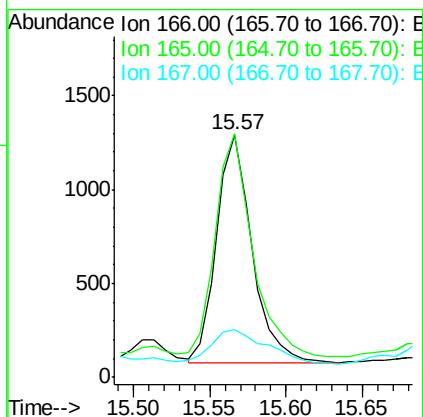
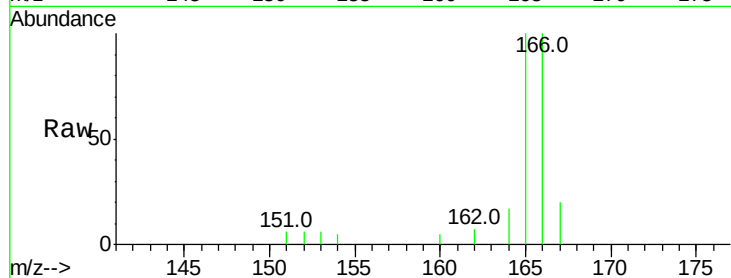




#9
Fluorene
 Concen: 0.113 ng/ul
 RT: 15.57 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094550.D
 Acq: 26 Oct 2017 1:36

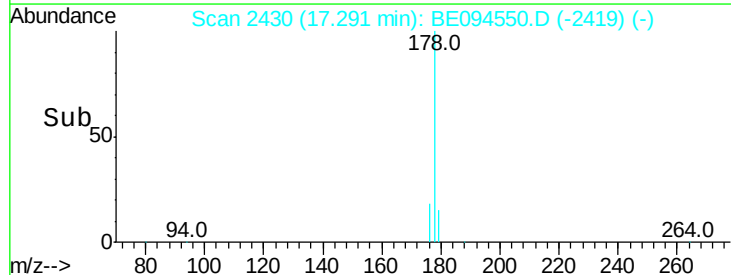
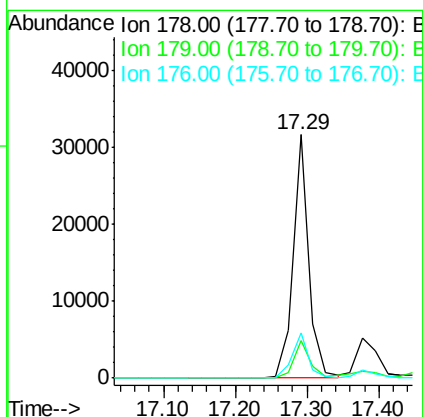
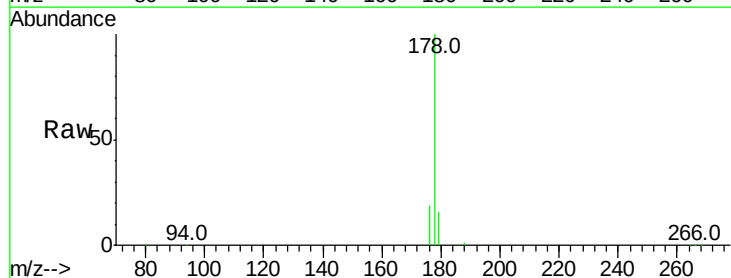
Instrument :
 BNA_E
 ClientSampleId :

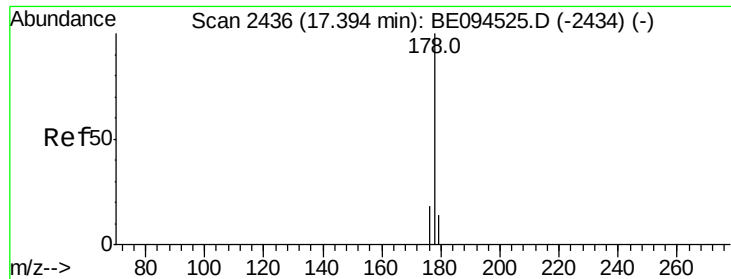
Tot Ion:166 Resp: 1946
 Ion Ratio Lower Upper
 166 100
 165 100.5 73.4 110.2
 167 19.9 14.6 22.0



#12
Phenanthrene
 Concen: 1.636 ng/ul
 RT: 17.29 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BE094550.D
 Acq: 26 Oct 2017 1:36

Tgt Ion:178 Resp: 47176
 Ion Ratio Lower Upper
 178 100
 179 15.6 18.4 27.6#
 176 18.7 13.6 20.4





#13

Anthracene

Concen: 0.359 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :

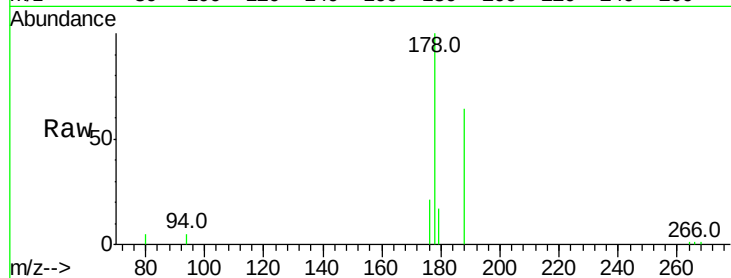
Tot Ion:178 Resp: 10228

Ion Ratio Lower Upper

178 100

179 17.4 18.1 27.1#

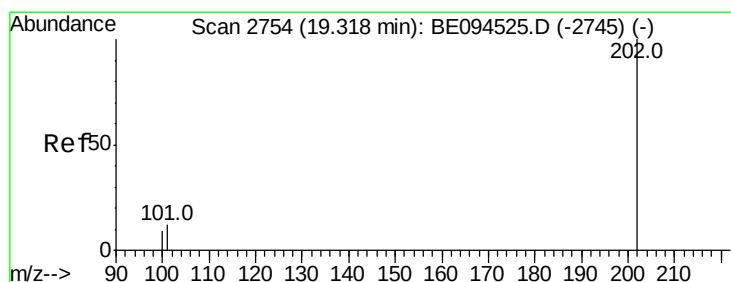
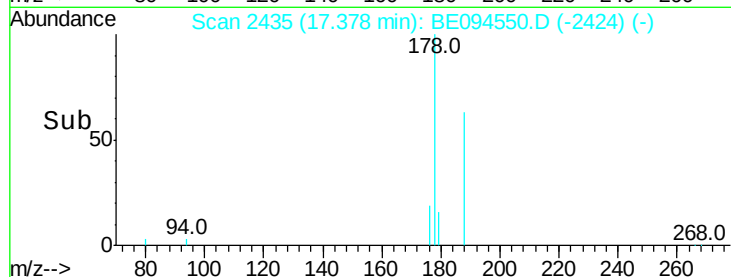
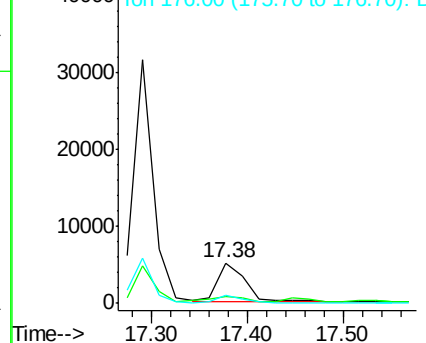
176 20.7 14.7 22.1



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: 3.323 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

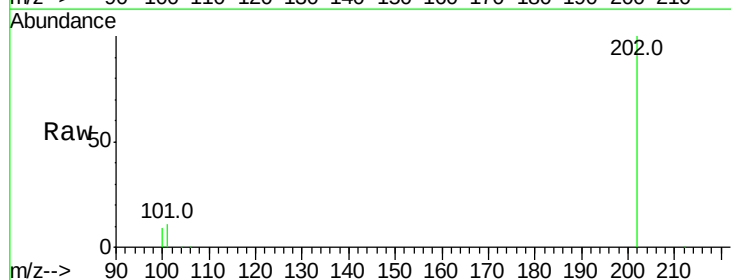
Tgt Ion:202 Resp: 110801

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

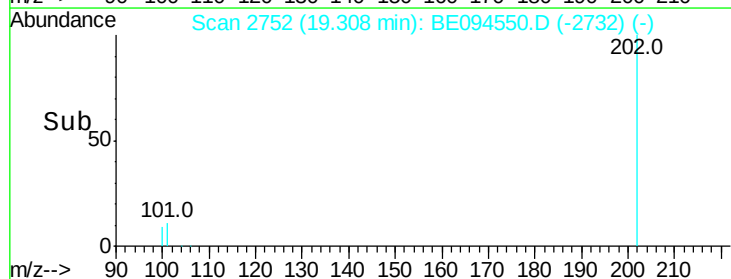
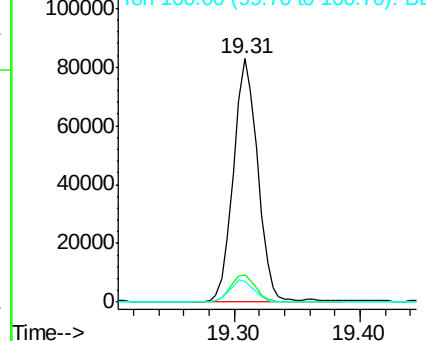
100 8.8 0.0 39.5

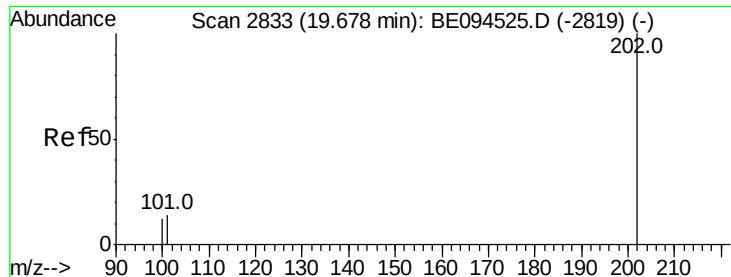


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 3.244 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :

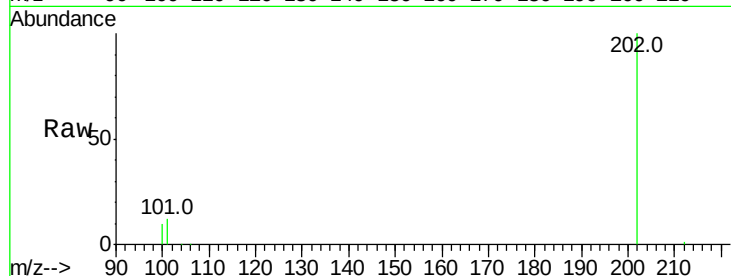
Tot Ion:202 Resp: 106758

Ion Ratio Lower Upper

202 100

101 12.4 18.2 27.4#

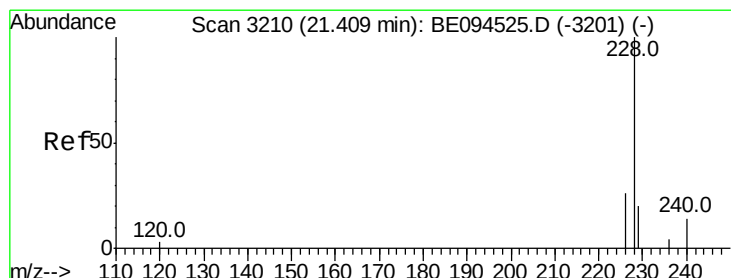
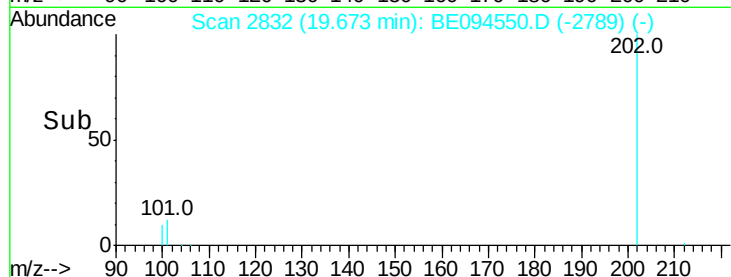
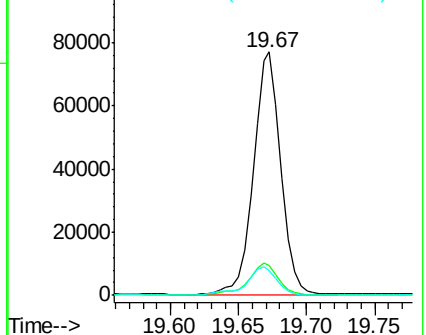
100 10.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 1.900 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

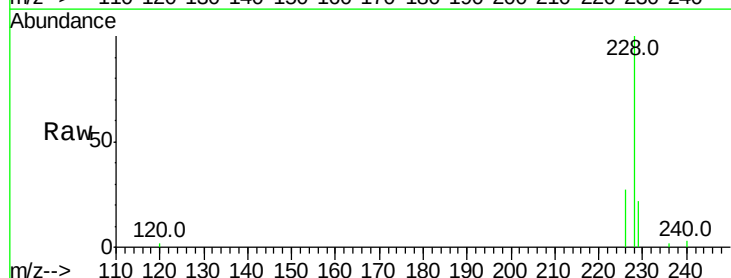
Tgt Ion:228 Resp: 57818

Ion Ratio Lower Upper

228 100

229 22.0 22.8 34.2#

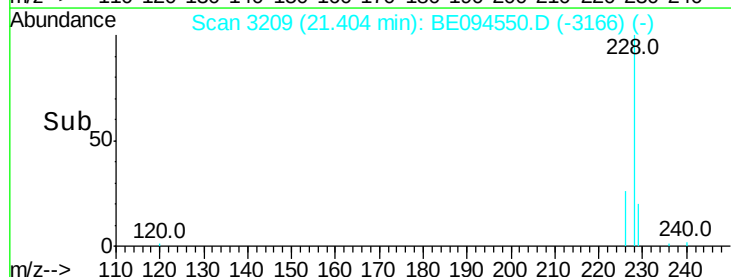
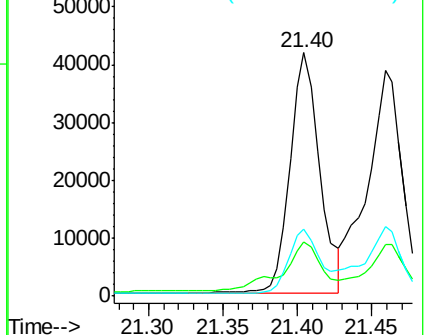
226 27.5 17.0 25.6#

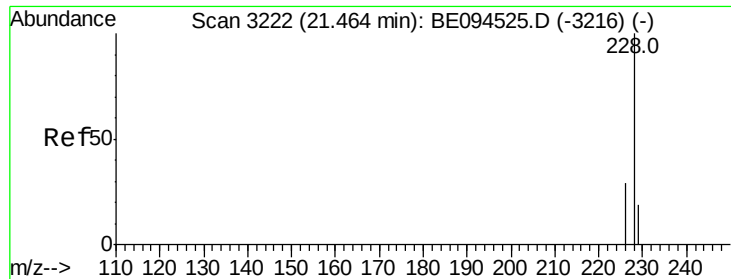


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.018 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :

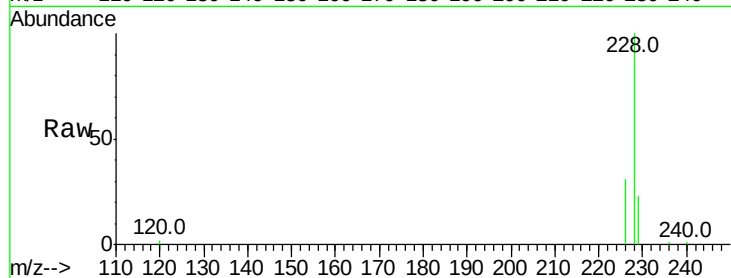
Tot Ion:228 Resp: 63480

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

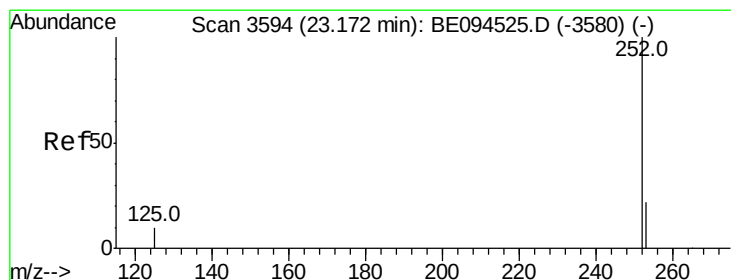
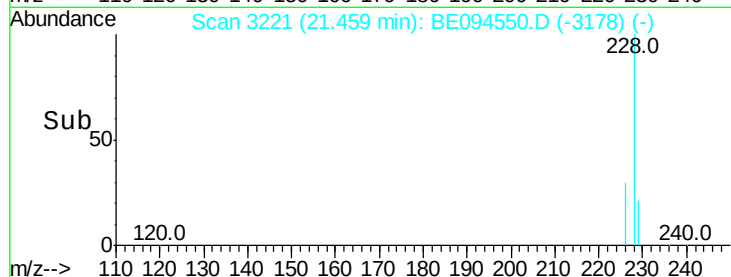
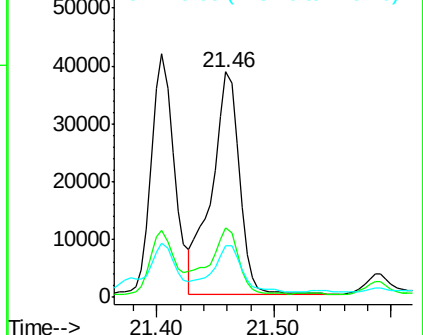
229 22.7 17.7 26.5



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: 4.448 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. 0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

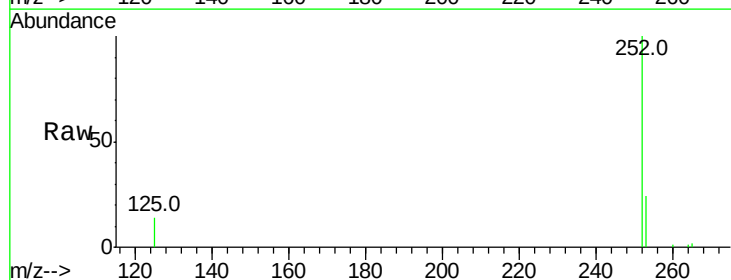
Tgt Ion:252 Resp: 128522

Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

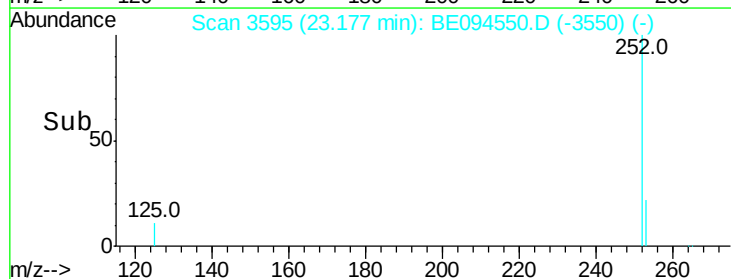
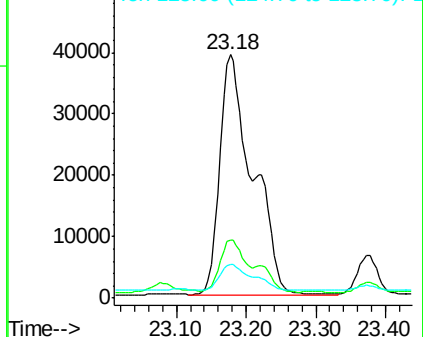
125 14.0 0.0 35.0

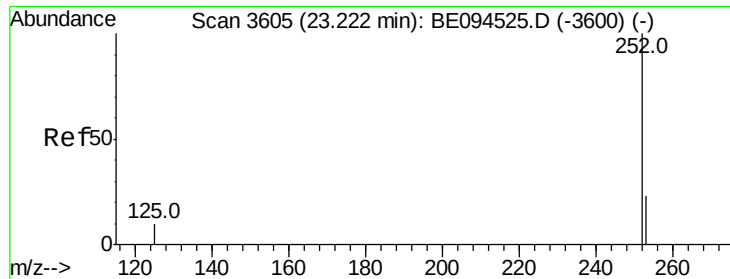


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 4.151 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.05 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :

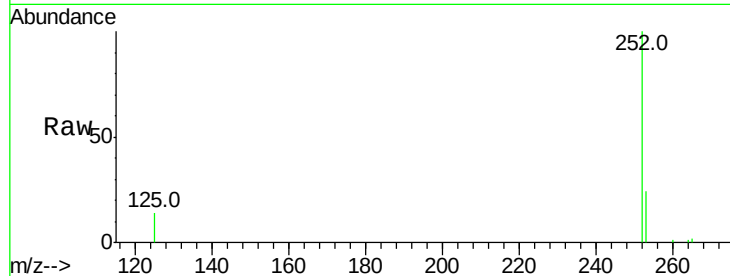
Tot Ion:252 Resp: 128522

Ion Ratio Lower Upper

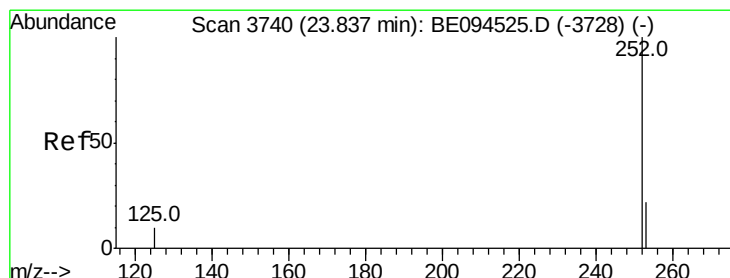
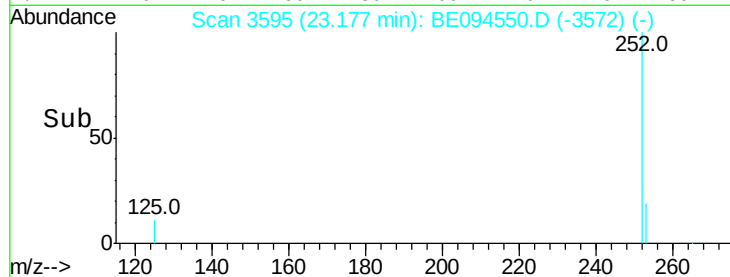
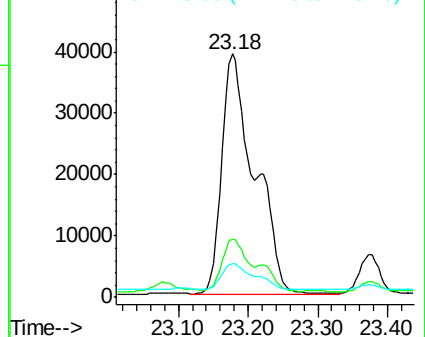
252 100

253 24.0 24.5 36.7#

125 14.0 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: 2.255 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

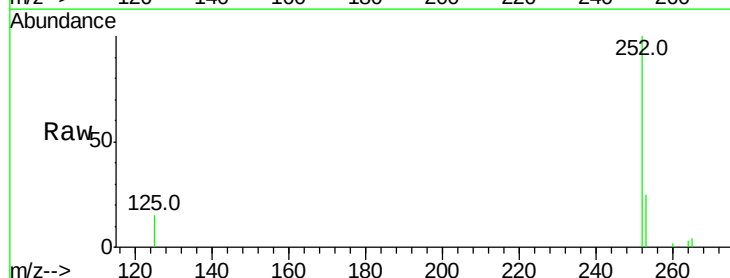
Tgt Ion:252 Resp: 65122

Ion Ratio Lower Upper

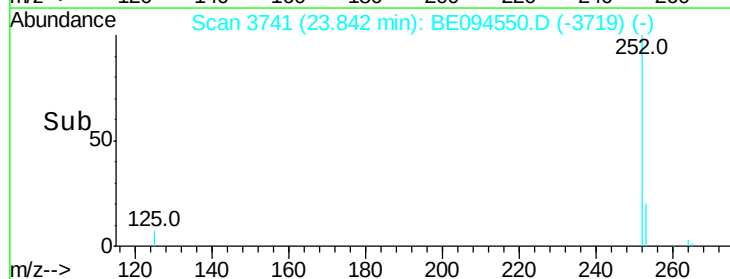
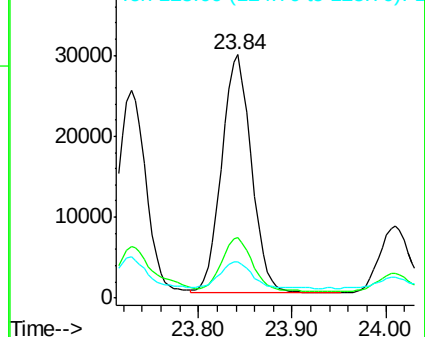
252 100

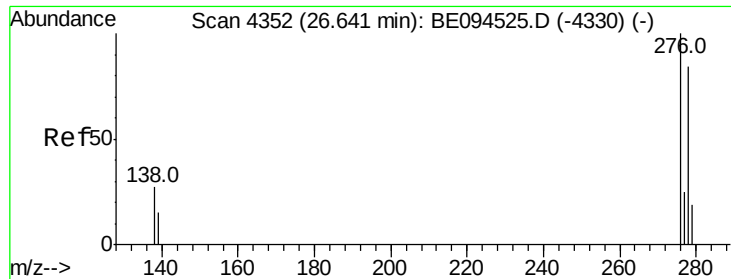
253 24.9 28.5 42.7#

125 15.1 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



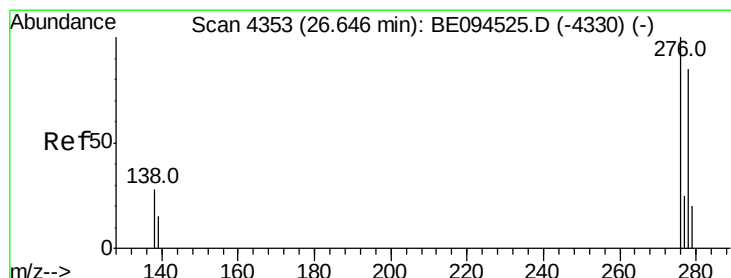
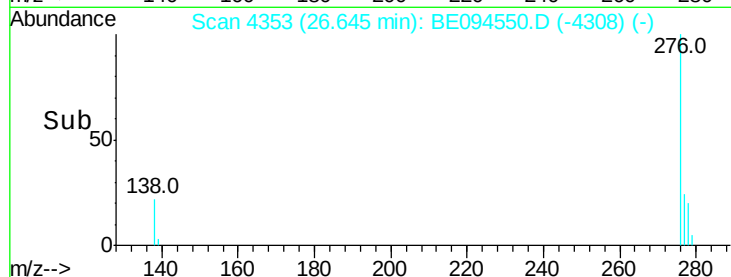
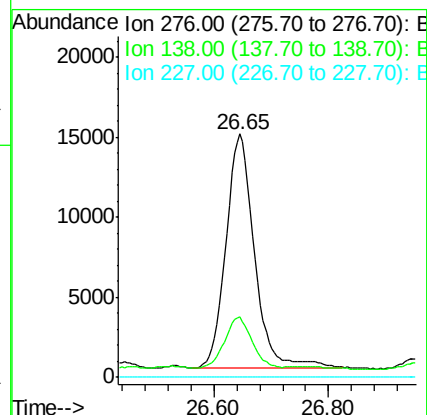
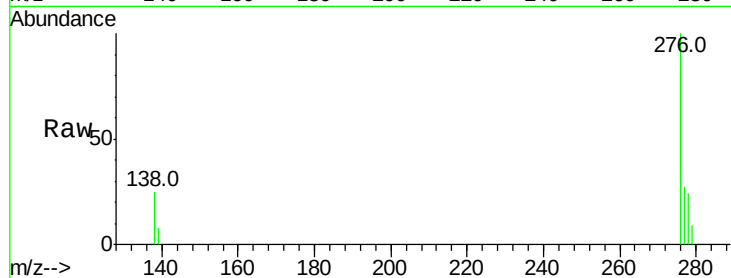


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.715 ng/ul
RT: 26.65 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BE094550.D
Acq: 26 Oct 2017 1:36

Instrument :
BNA_E
ClientSampleId :

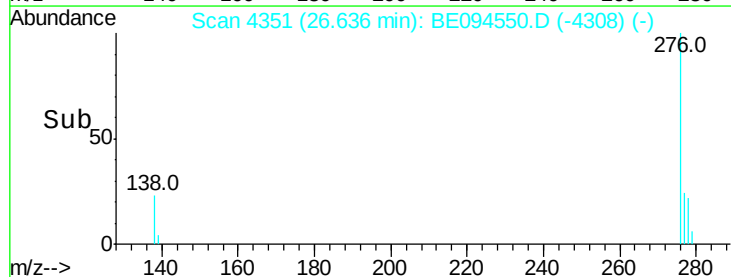
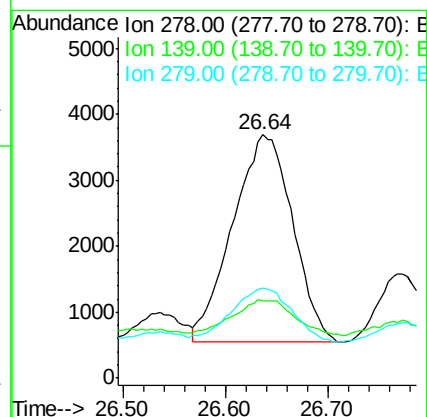
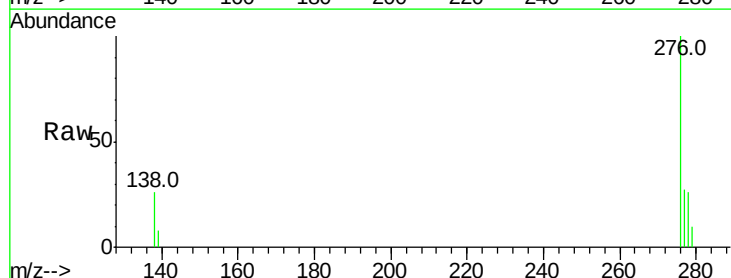
Tot Ion:276 Resp: 51244
Ion Ratio Lower Upper
276 100
138 21.1 28.0 42.0#
227 0.0 8.0 12.0#

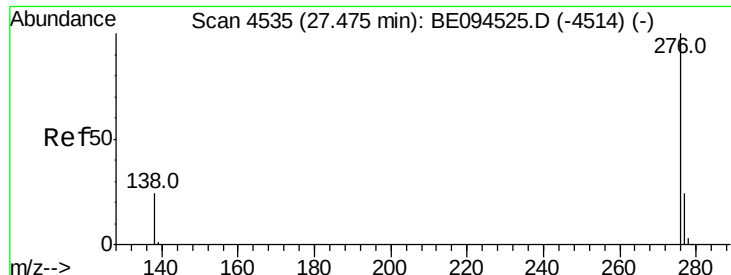


#25

Dibenzo(a,h)anthracene
Concen: 0.506 ng/ul
RT: 26.64 min Scan# 4351
Delta R.T. -0.01 min
Lab File: BE094550.D
Acq: 26 Oct 2017 1:36

Tgt Ion:278 Resp: 12740
Ion Ratio Lower Upper
278 100
139 31.8 17.4 26.0#
279 37.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.747 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.00 min

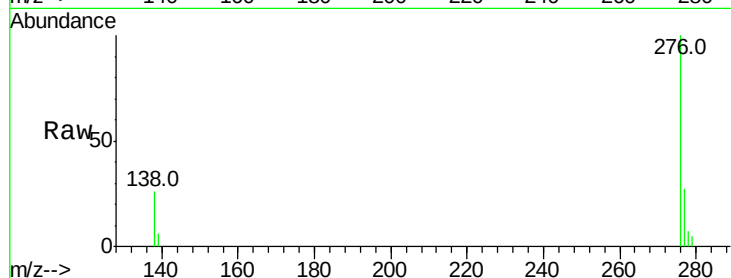
Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 41925

Ion Ratio Lower Upper

276 100

138 25.8 21.8 32.8

277 27.4 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

