

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094368.D
 Acq On : 14 Oct 2017 23:03
 Operator : SJ/JU
 Sample : I5548-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 15 01:10:59 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

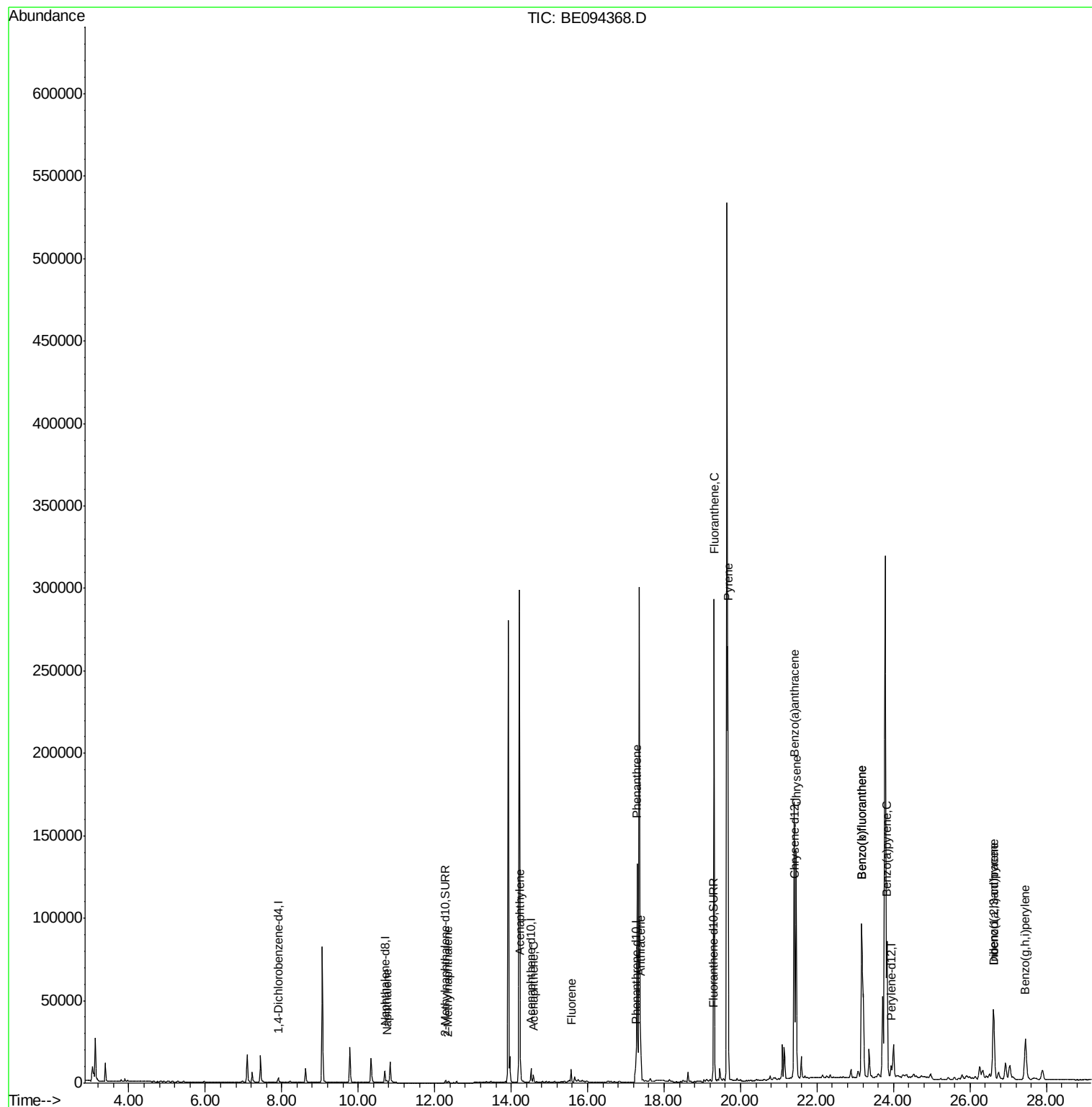
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1399	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	7483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4750	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10714	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10406	0.40	ng/ul	-0.01
20) Perylene-d12	23.94	264	12068	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2347	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	6894	0.19	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1948	0.106	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	926	0.078	ng/ul	100
7) Acenaphthylene	14.24	152	7681	0.415	ng/ul	98
8) Acenaphthene	14.58	153	2504	0.164	ng/ul	97
9) Fluorene	15.57	166	4975	0.279	ng/ul	92
12) Phenanthrene	17.29	178	142956	5.106	ng/ul#	89
13) Anthracene	17.38	178	31739	1.166	ng/ul#	88
15) Fluoranthene	19.31	202	324924	8.832	ng/ul	84
17) Pyrene	19.67	202	283204	9.781	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	149376	5.411	ng/ul#	86
19) Chrysene	21.46	228	141507	4.439	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	233331	7.118	ng/ul	85
22) Benzo(k)fluoranthene	23.17	252	233331	6.158	ng/ul#	87
23) Benzo(a)pyrene	23.83	252	119425	3.506	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	76914	2.207	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	21190	0.725	ng/ul	94
26) Benzo(a,h,i)perylene	27.45	276	58842	1.958	ng/ul	98

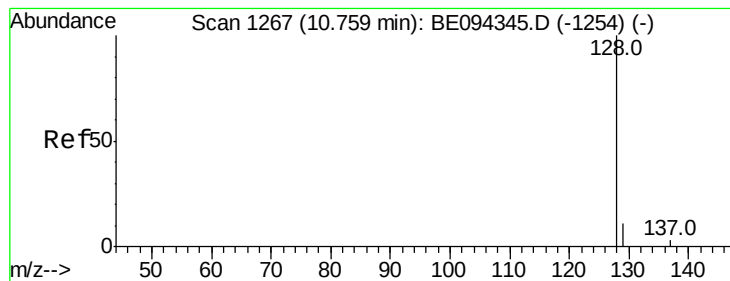
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 05:22:31 2017
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#3

Naphthalene

Concen: 0.106 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :

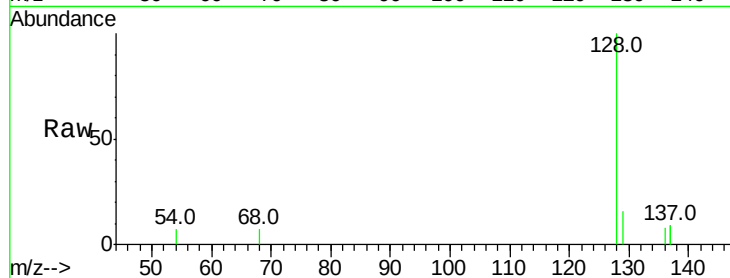
Tot Ion:128 Resp: 1948

Ion Ratio Lower Upper

128 100

129 15.9 11.3 16.9

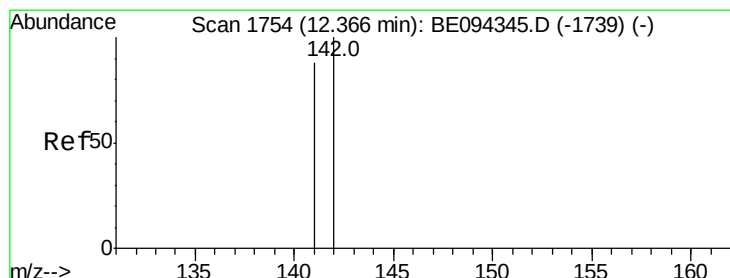
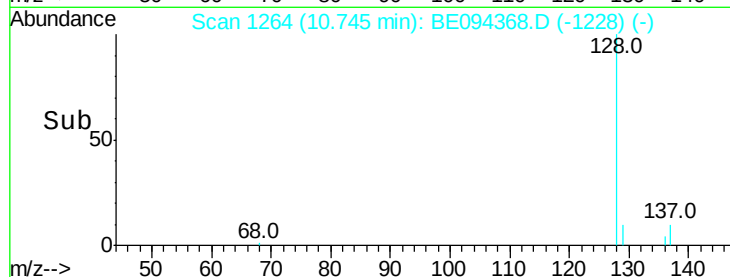
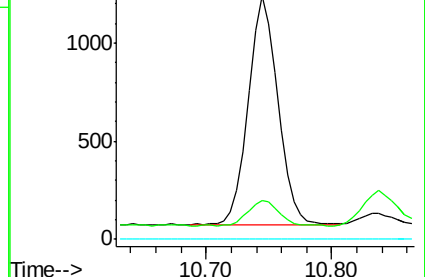
127 0.0 4.0 6.0#



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: 0.078 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BE094368.D

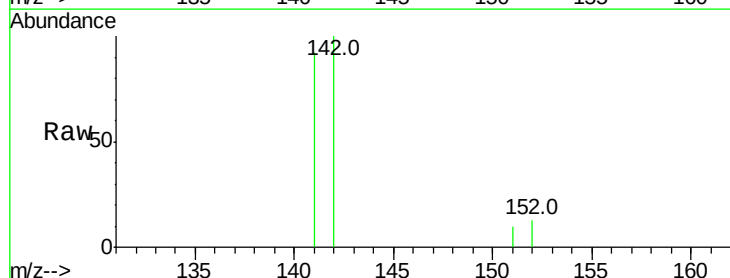
Acq: 14 Oct 2017 23:03

Tgt Ion:142 Resp: 926

Ion Ratio Lower Upper

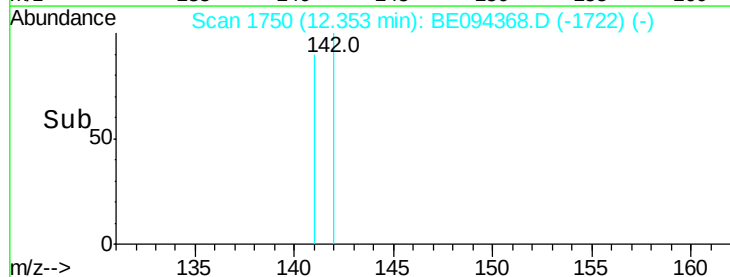
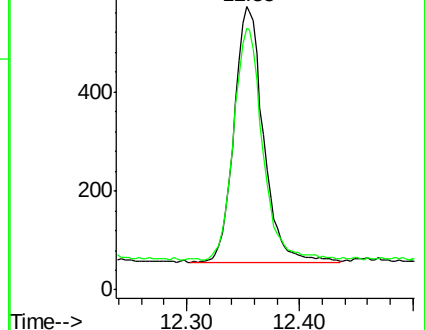
142 100

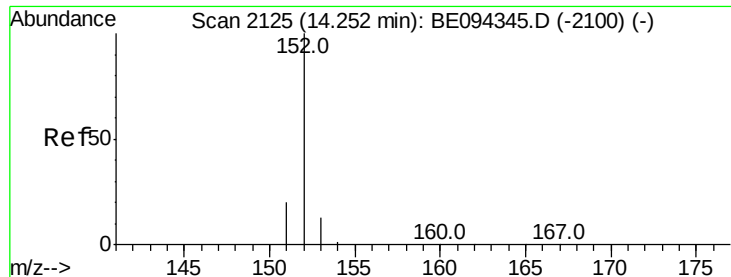
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.415 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :

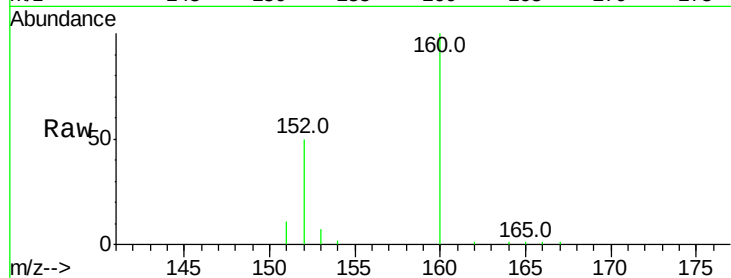
Tot Ion:152 Resp: 7681

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

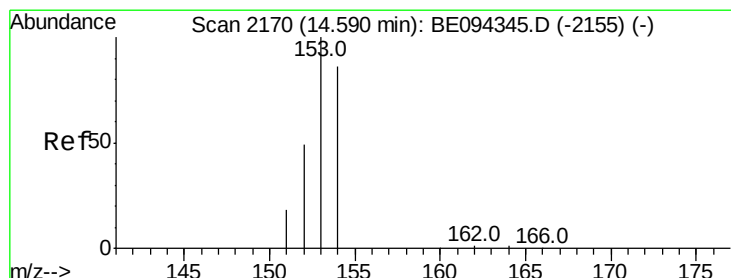
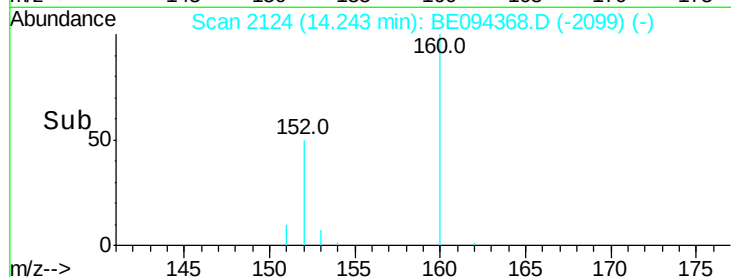
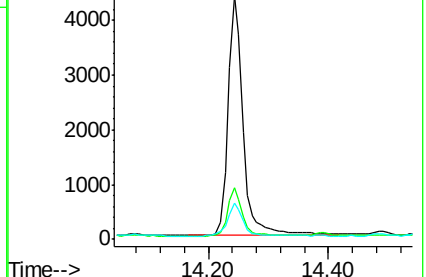
153 14.7 12.8 19.2



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: 0.164 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

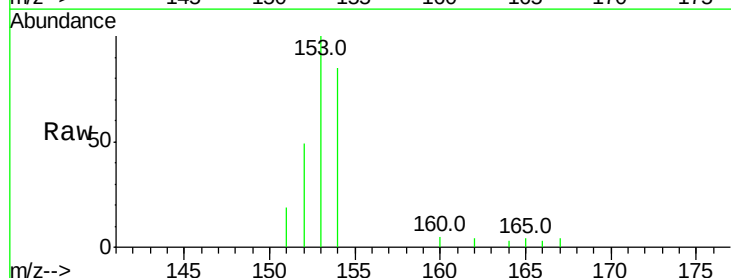
Tgt Ion:153 Resp: 2504

Ion Ratio Lower Upper

153 100

152 49.3 40.3 60.5

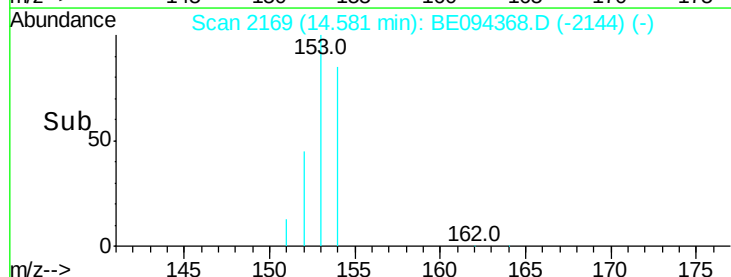
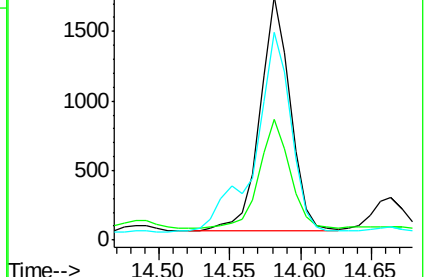
154 85.4 71.4 107.2

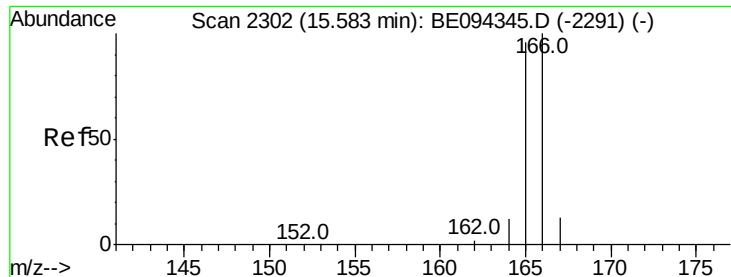


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

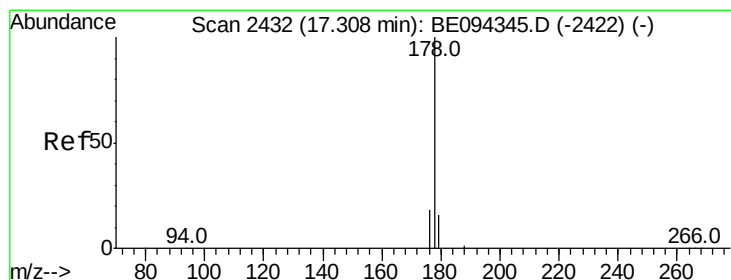
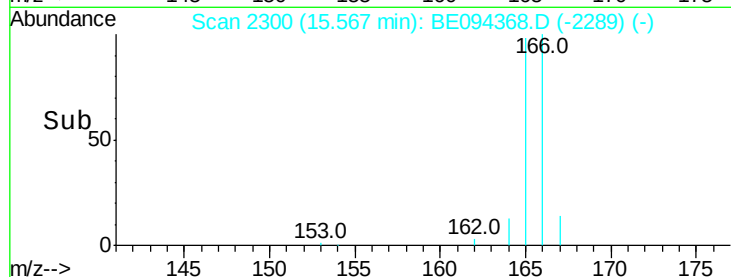
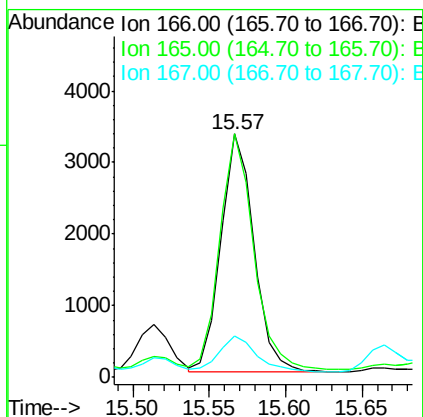
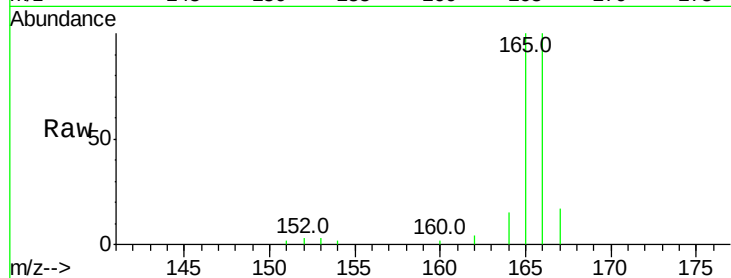




#9
Fluorene
 Concen: 0.279 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094368.D
 Acq: 14 Oct 2017 23:03

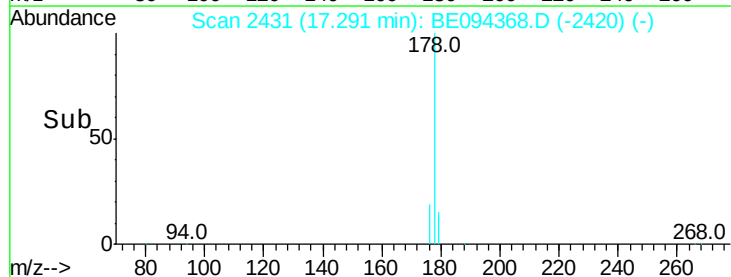
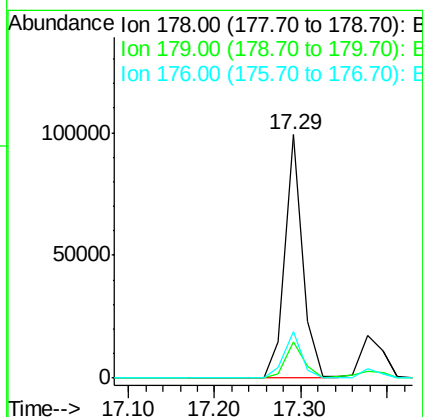
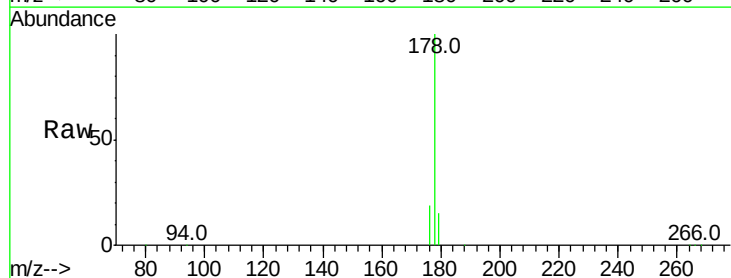
Instrument :
 BNA_E
 ClientSampleId :

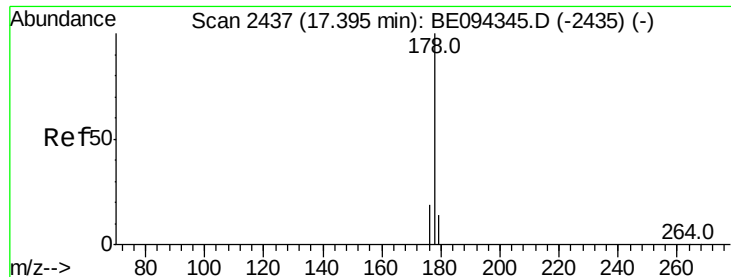
Tot Ion:166 Resp: 4975
 Ion Ratio Lower Upper
 166 100
 165 99.9 73.4 110.2
 167 17.0 14.6 22.0



#12
Phenanthrene
 Concen: 5.106 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094368.D
 Acq: 14 Oct 2017 23:03

Tgt Ion:178 Resp: 142956
 Ion Ratio Lower Upper
 178 100
 179 14.9 18.4 27.6#
 176 19.0 13.6 20.4





#13

Anthracene

Concen: 1.166 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :

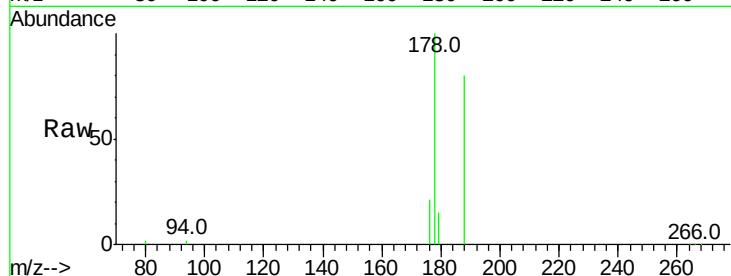
Tot Ion:178 Resp: 31739

Ion Ratio Lower Upper

178 100

179 14.9 18.1 27.1#

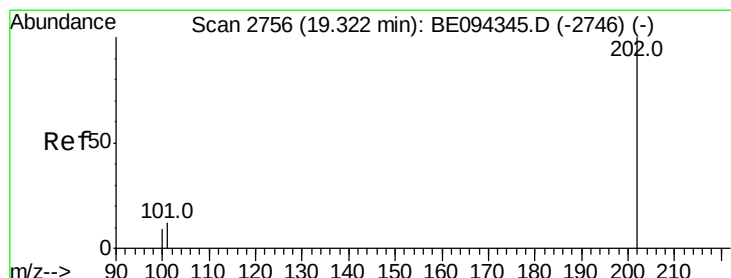
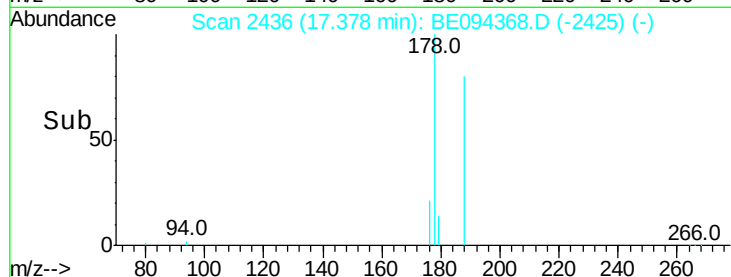
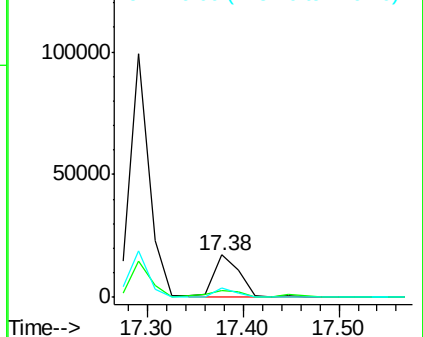
176 21.2 14.7 22.1



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: 8.832 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

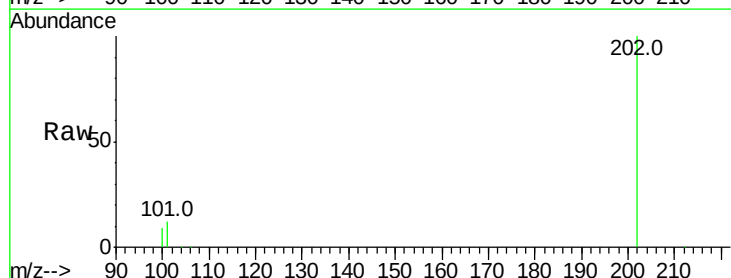
Tgt Ion:202 Resp: 324924

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

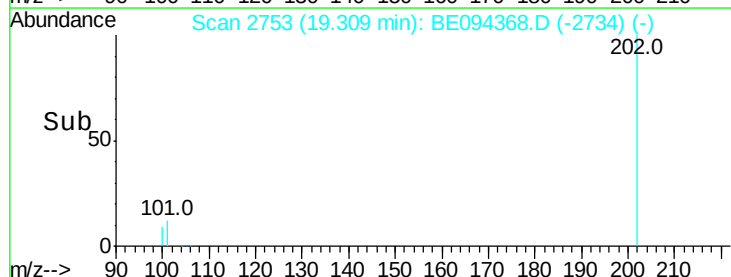
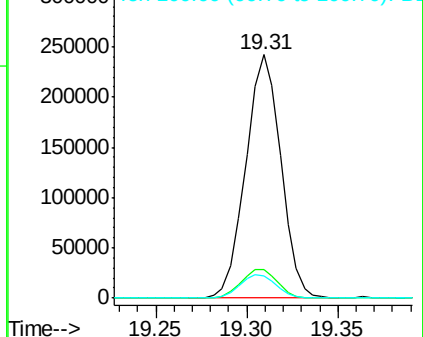
100 9.3 0.0 39.5

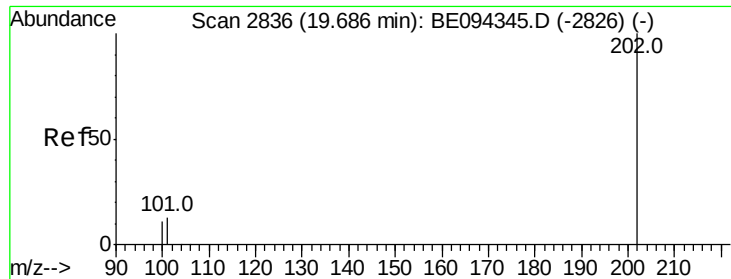


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

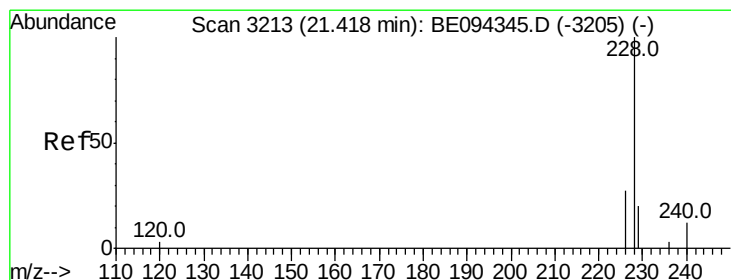
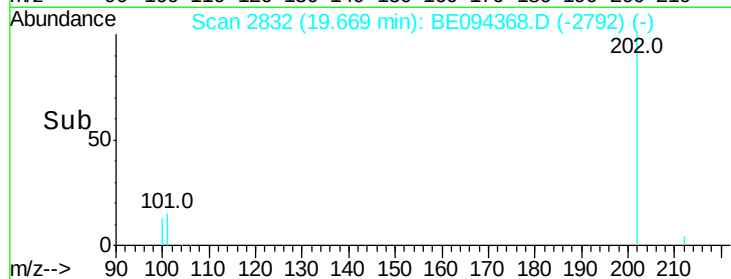
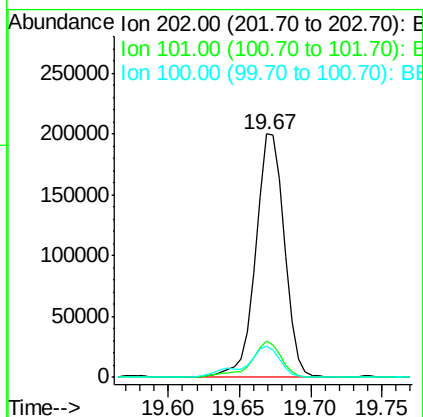
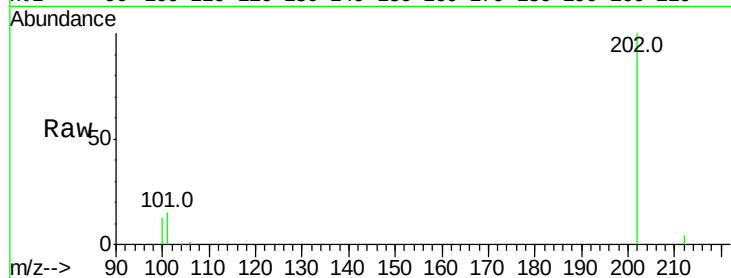




#17
Pvrene
Concen: 9.781 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

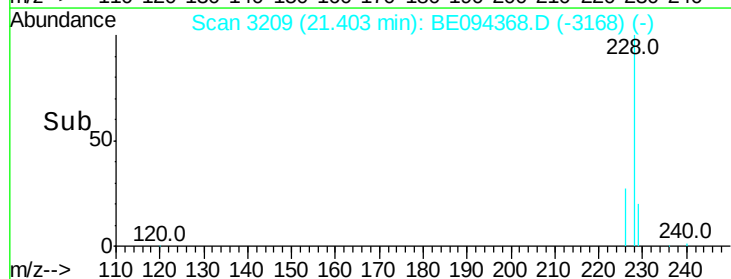
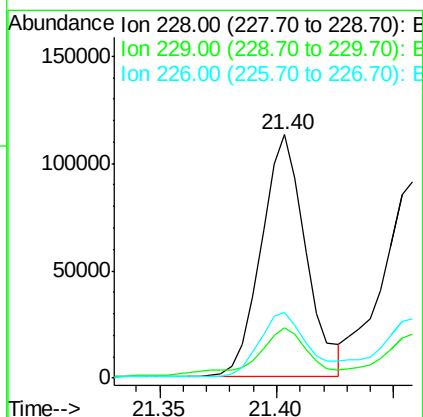
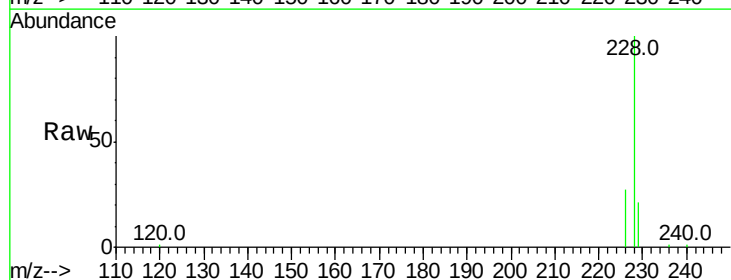
Instrument :
BNA_E
ClientSampleId :

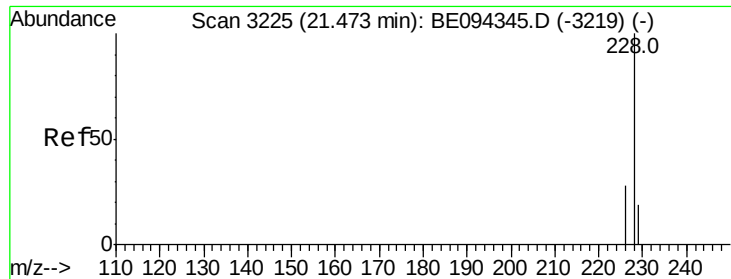
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	13.0	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 5.411 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094368.D
Acq: 14 Oct 2017 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 4.439 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :

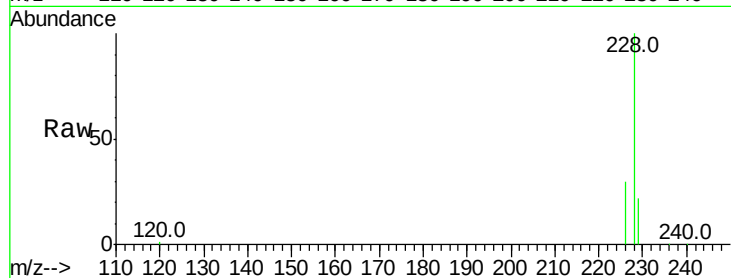
Tot Ion:228 Resp: 141507

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

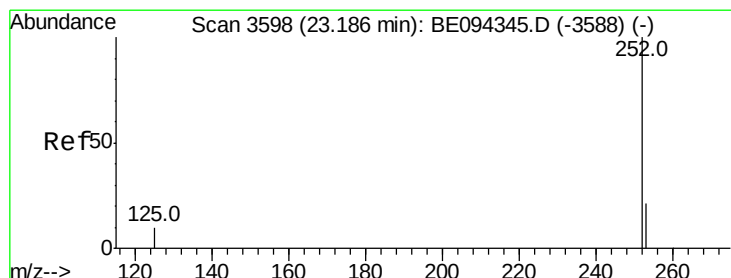
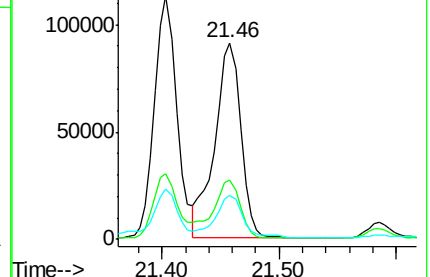
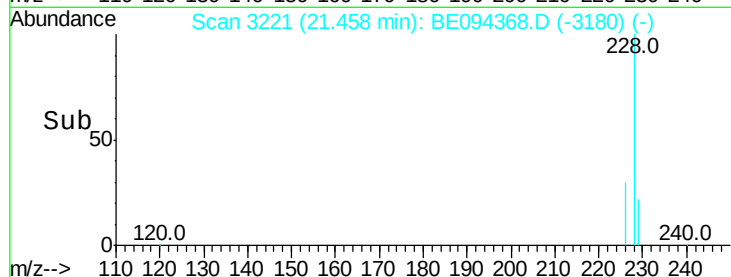
229 22.3 17.7 26.5



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: 7.118 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.02 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

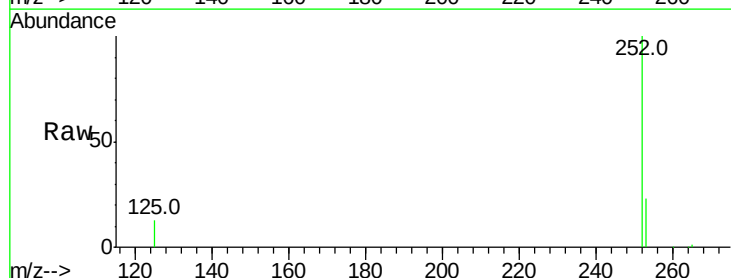
Tgt Ion:252 Resp: 233331

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

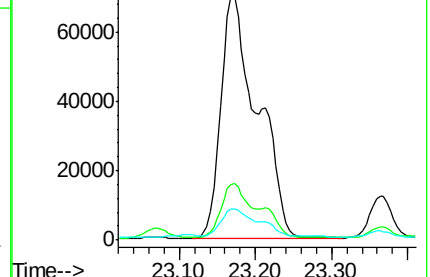
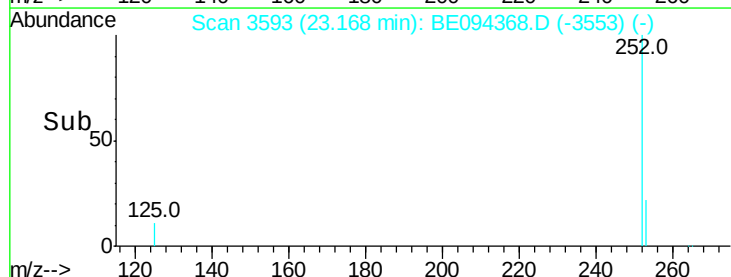
125 12.5 0.0 35.0

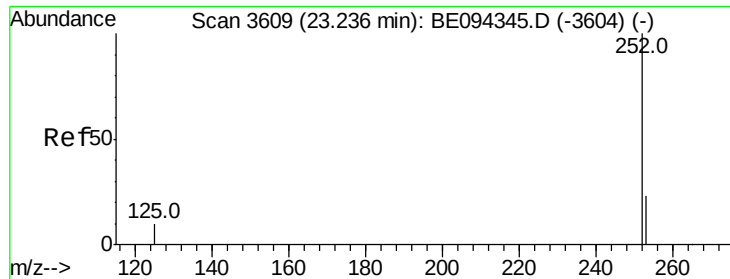


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.158 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.07 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :

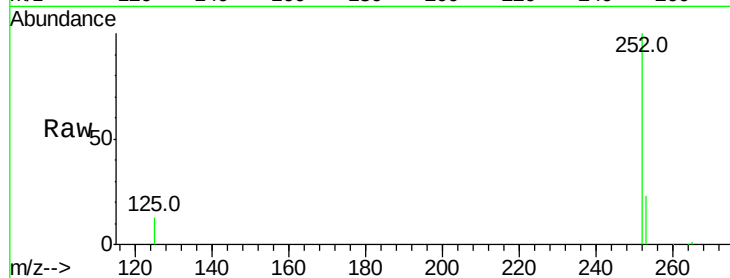
Tot Ion:252 Resp: 233331

Ion Ratio Lower Upper

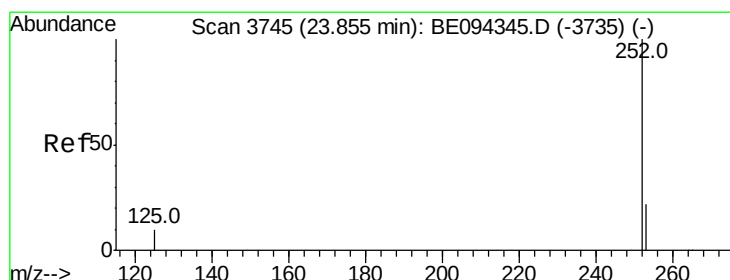
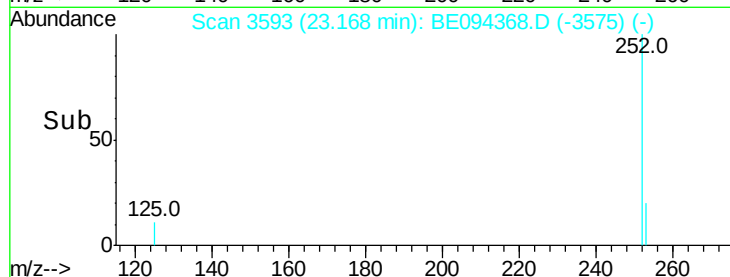
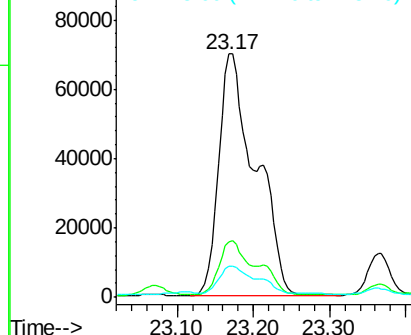
252 100

253 23.0 24.5 36.7#

125 12.5 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: 3.506 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.03 min

Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

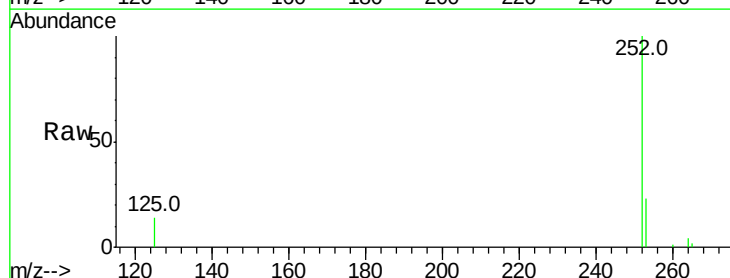
Tgt Ion:252 Resp: 119425

Ion Ratio Lower Upper

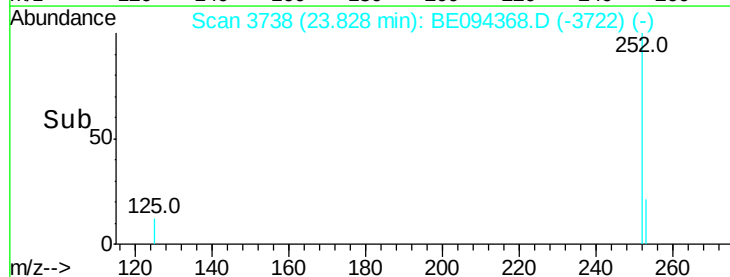
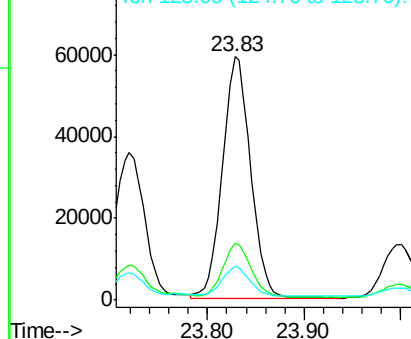
252 100

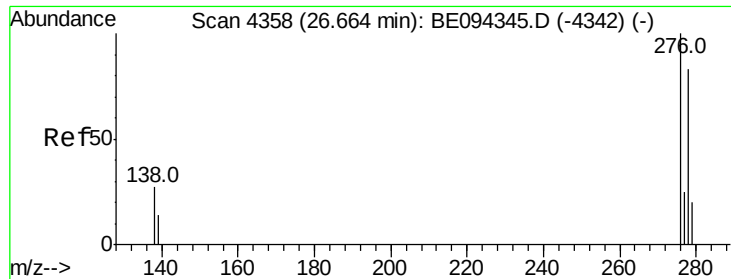
253 23.1 28.5 42.7#

125 13.7 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

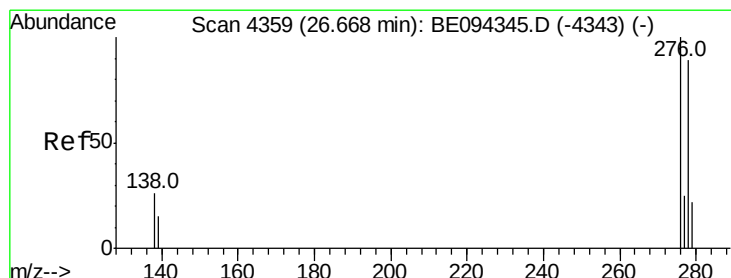
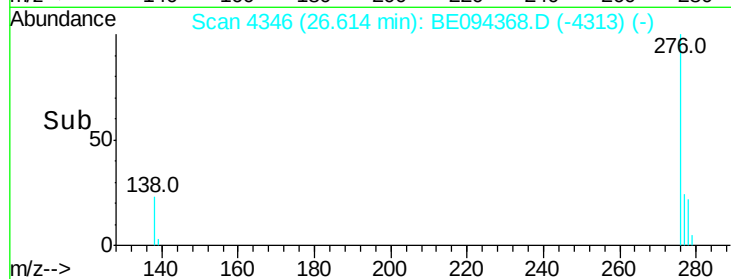
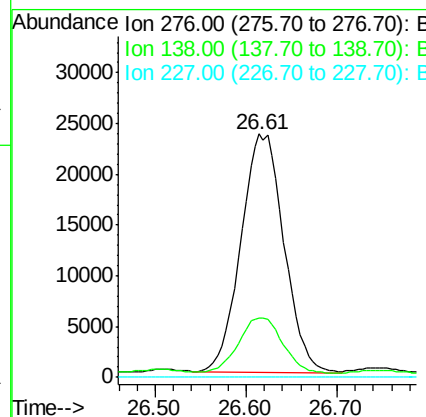
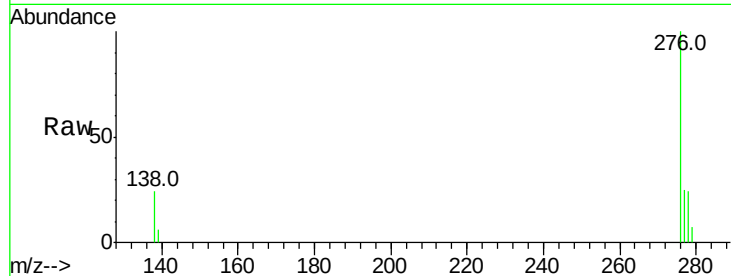




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.207 ng/ul
 RT: 26.61 min Scan# 4346
 Delta R.T. -0.05 min
 Lab File: BE094368.D
 Acq: 14 Oct 2017 23:03

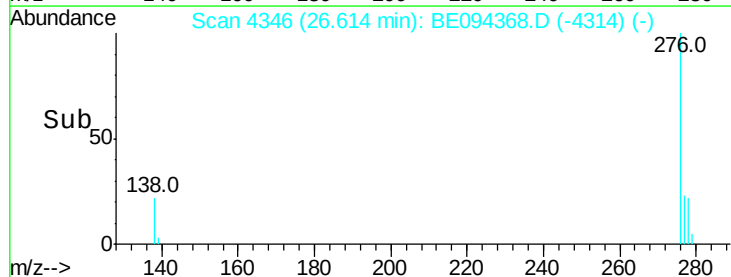
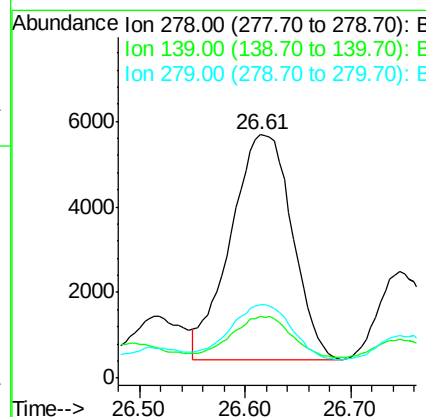
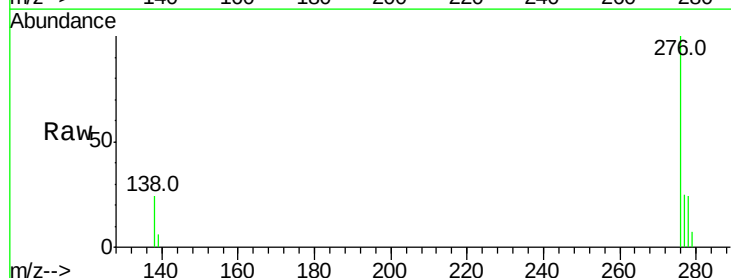
Instrument :
 BNA_E
 ClientSampleId :

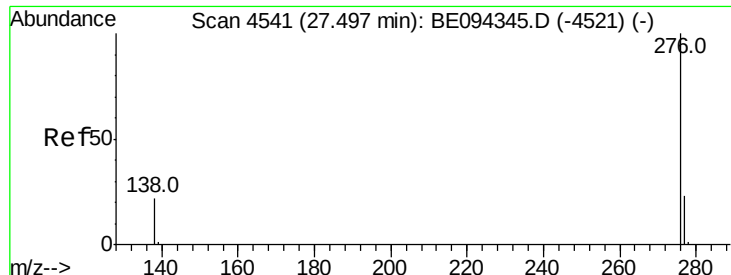
Tot Ion:276 Resp: 76914
 Ion Ratio Lower Upper
 276 100
 138 23.6 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.725 ng/ul
 RT: 26.61 min Scan# 4346
 Delta R.T. -0.05 min
 Lab File: BE094368.D
 Acq: 14 Oct 2017 23:03

Tgt Ion:278 Resp: 21190
 Ion Ratio Lower Upper
 278 100
 139 25.3 17.4 26.0
 279 29.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.958 ng/ul

RT: 27.45 min Scan# 4530

Delta R.T. -0.04 min

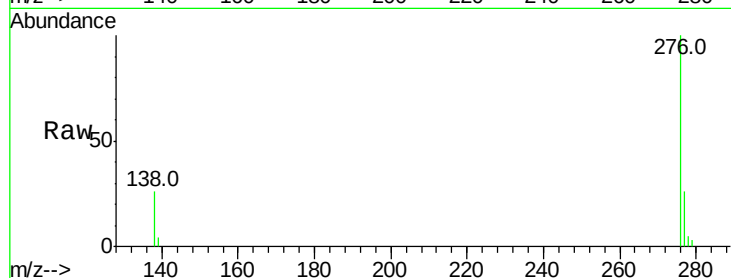
Lab File: BE094368.D

Acq: 14 Oct 2017 23:03

Instrument :

BNA_E

ClientSampleId :



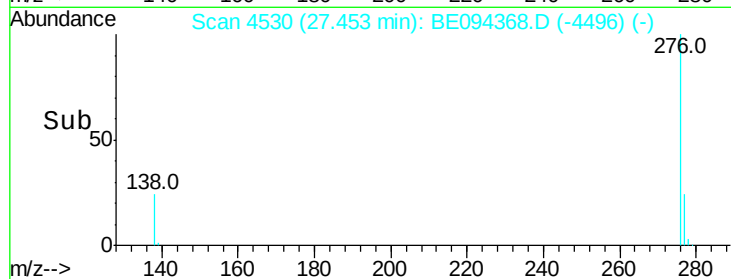
Tot Ion: 276 Resp: 58842

Ion Ratio Lower Upper

276 100

138 25.6 21.8 32.8

277 25.8 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

