

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094576.D
 Acq On : 26 Oct 2017 23:31
 Operator : SJ/JU
 Sample : I5719-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:43:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

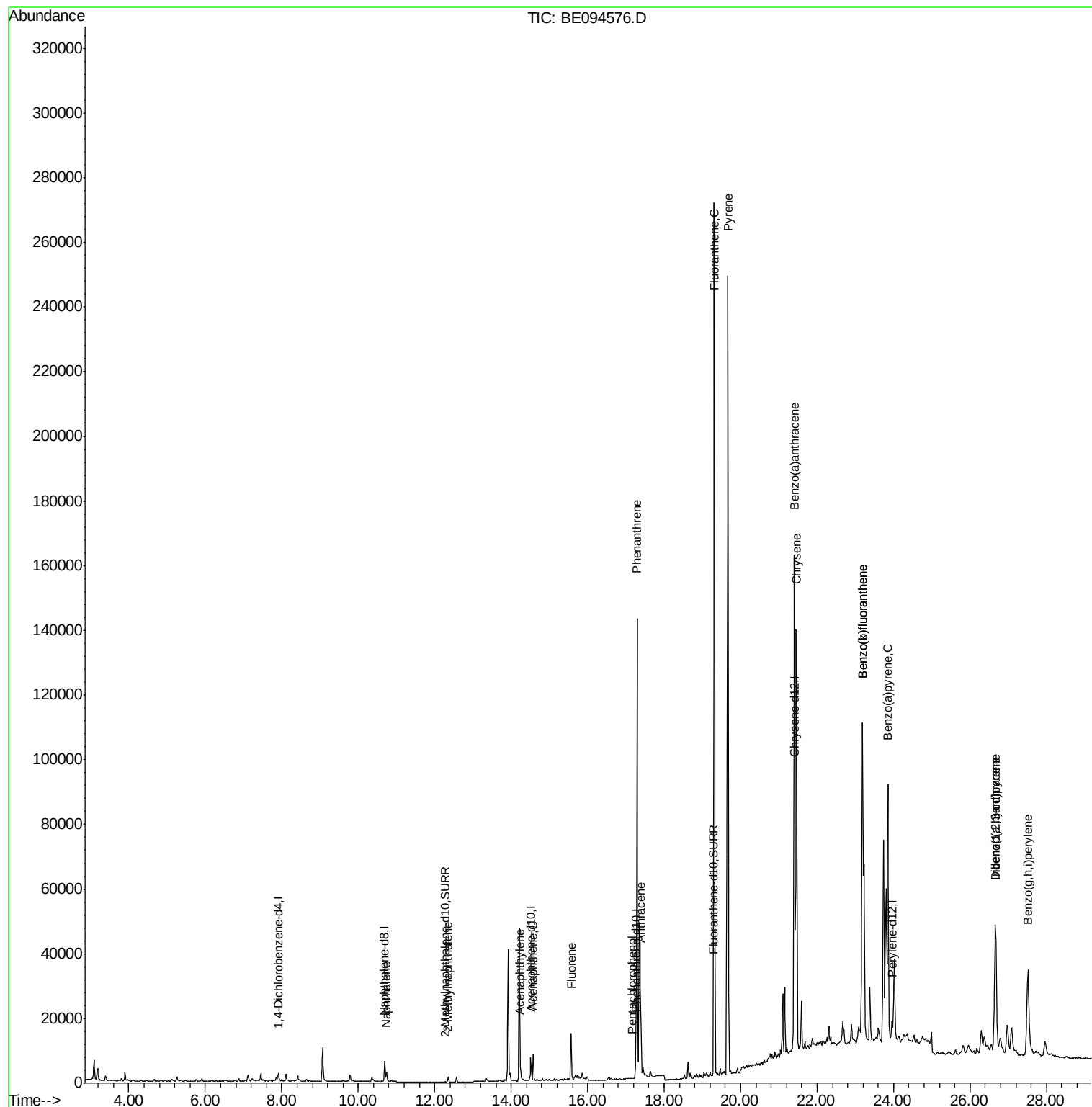
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1358	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7696	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4423	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9618	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9867	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10224	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	437	0.03	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1026	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	4846	0.258	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1903	0.145	ng/ul	97
7) Acenaphthylene	14.24	152	5126	0.256	ng/ul	98
8) Acenaphthene	14.57	153	4996	0.348	ng/ul	94
9) Fluorene	15.57	166	9541	0.591	ng/ul	95
11) Pentachlorophenol	17.17	266	100	0.208	ng/ul#	52
12) Phenanthrene	17.29	178	156011	6.141	ng/ul#	89
13) Anthracene	17.38	178	36330	1.449	ng/ul#	90
15) Fluoranthene	19.31	202	309833	10.549	ng/ul	84
17) Pyrene	19.67	202	274871	9.011	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	149877	5.313	ng/ul#	86
19) Chrysene	21.46	228	143400	4.918	ng/ul	96
21) Benzo(b)fluoranthene	23.19	252	250095	8.696	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	250106	8.115	ng/ul	93
23) Benzo(a)pyrene	23.85	252	130100	4.526	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	84199	2.830	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	21344	0.852	ng/ul#	70
26) Benzo(g,h,i)perylene	27.52	276	74994	3.140	ng/ul	94

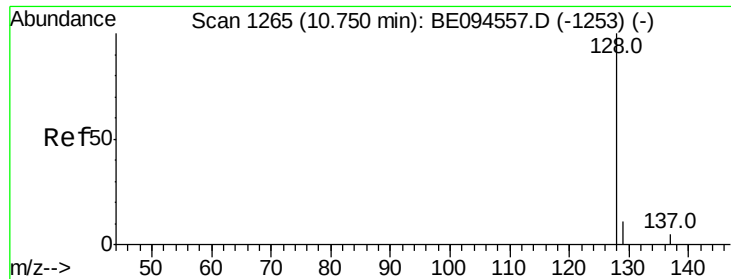
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
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Quant Time: Oct 27 07:43:31 2017
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#3

Naphthalene

Concen: 0.258 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

Instrument :

BNA_E

ClientSampleId :

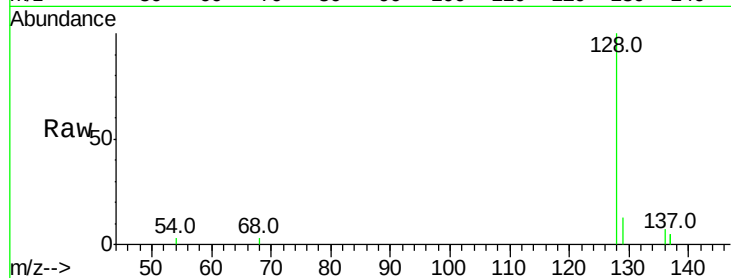
Tot Ion:128 Resp: 4846

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

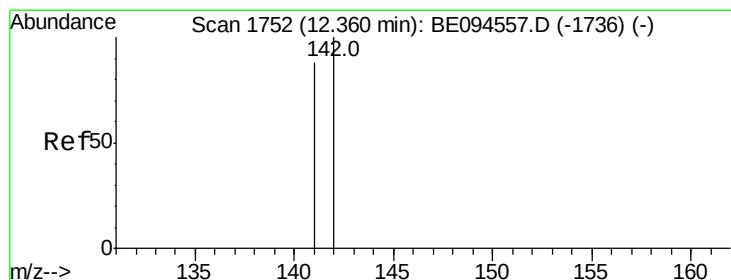
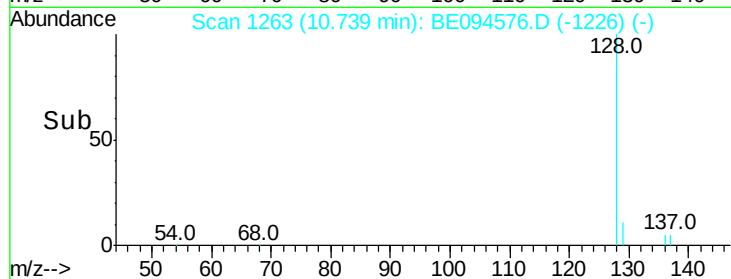
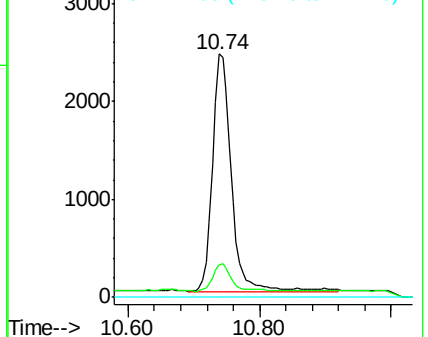
127 0.0 4.0 6.0#



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: 0.145 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094576.D

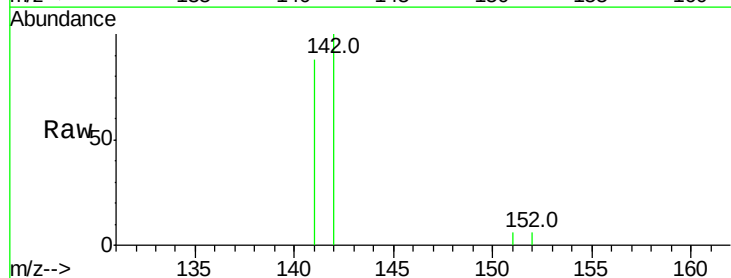
Acq: 26 Oct 2017 23:31

Tgt Ion:142 Resp: 1903

Ion Ratio Lower Upper

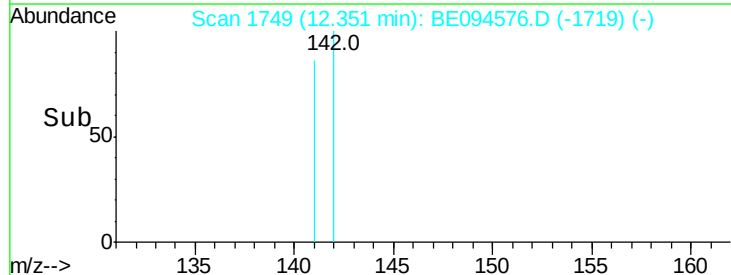
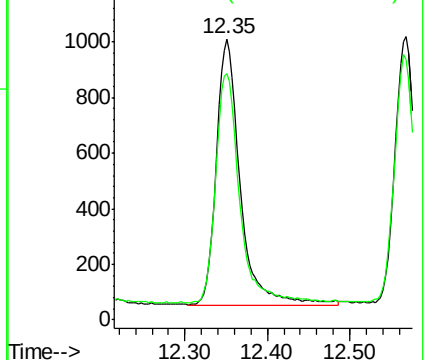
142 100

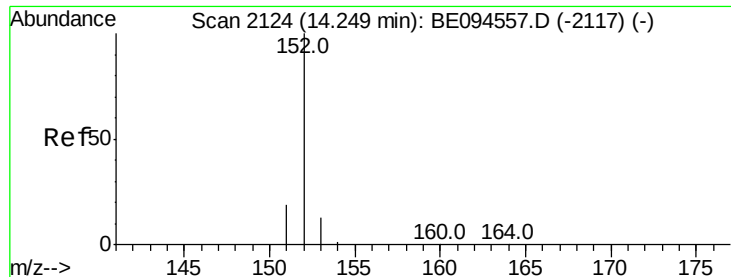
141 87.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.256 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

Instrument :

BNA_E

ClientSampleId :

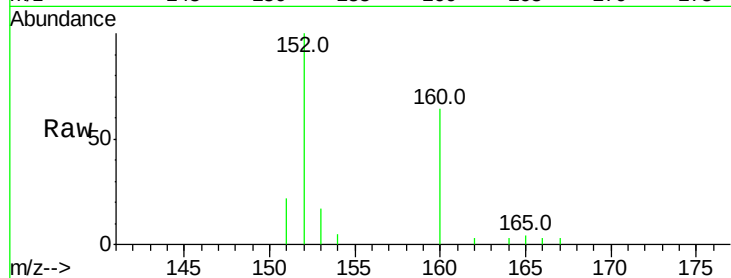
Tot Ion:152 Resp: 5126

Ion Ratio Lower Upper

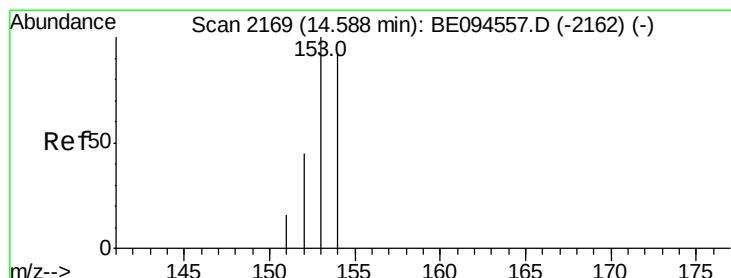
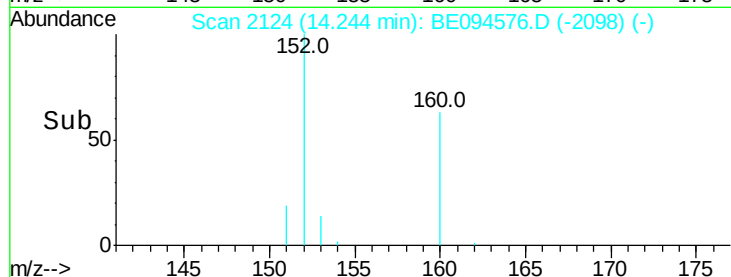
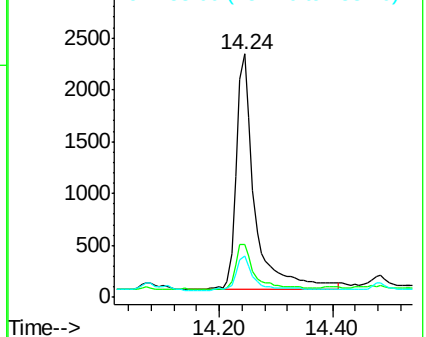
152 100

151 21.9 17.1 25.7

153 17.0 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: 0.348 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

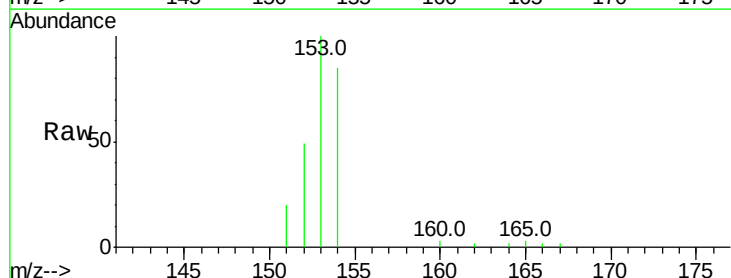
Tgt Ion:153 Resp: 4996

Ion Ratio Lower Upper

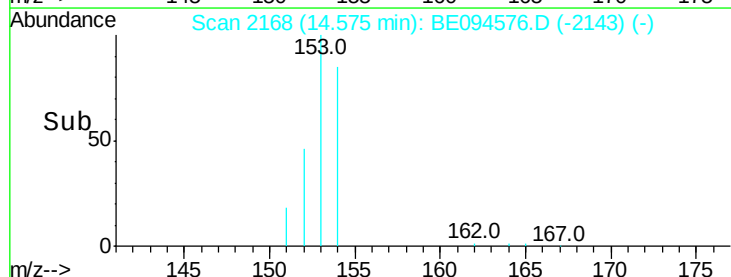
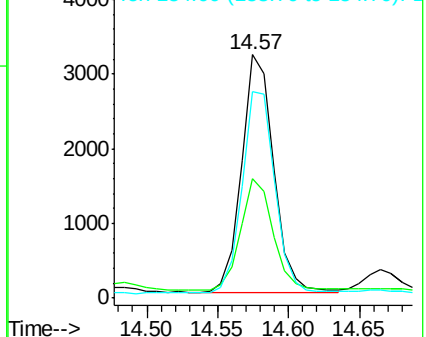
153 100

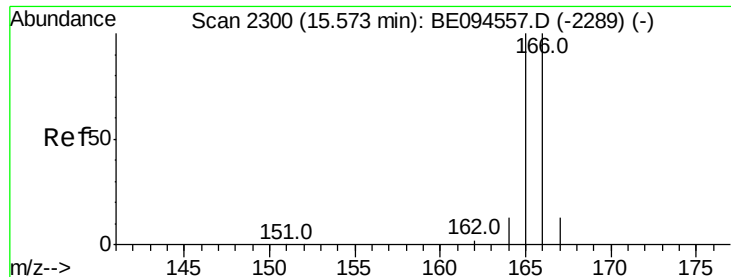
152 49.1 36.0 54.0

154 84.7 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

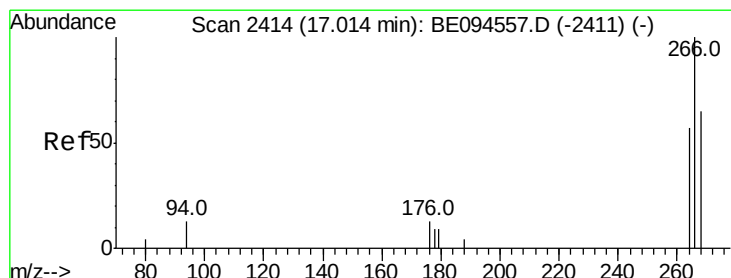
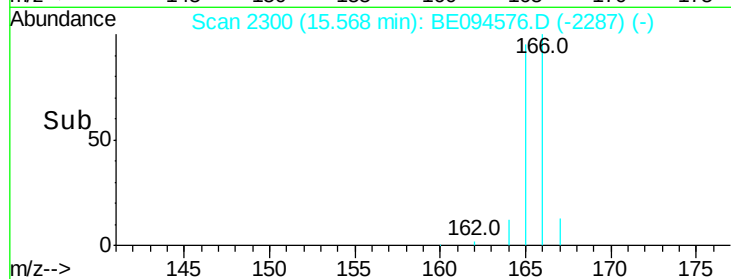
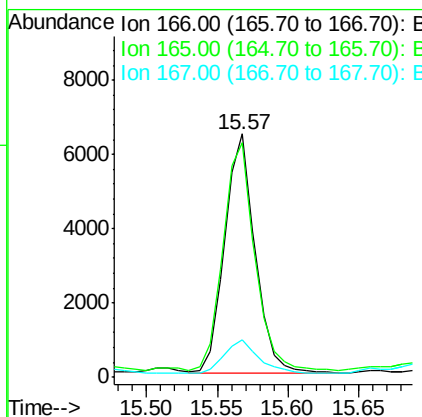
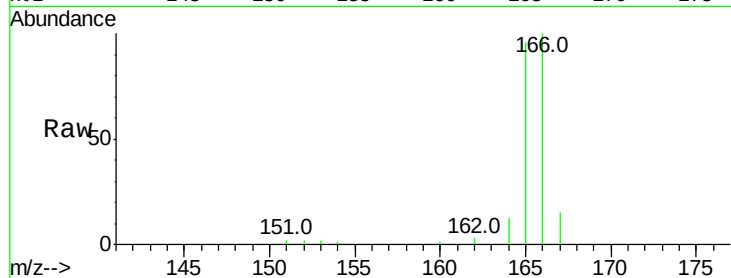




#9
Fluorene
 Concen: 0.591 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094576.D
 Acq: 26 Oct 2017 23:31

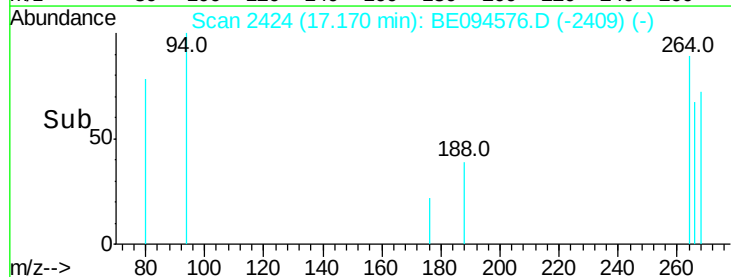
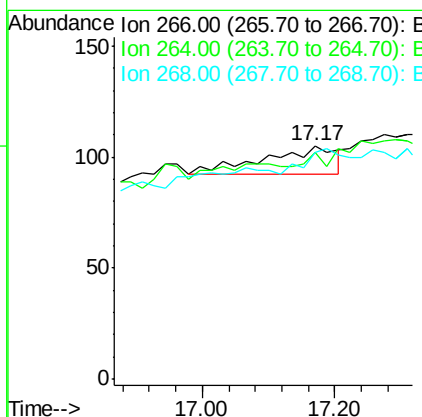
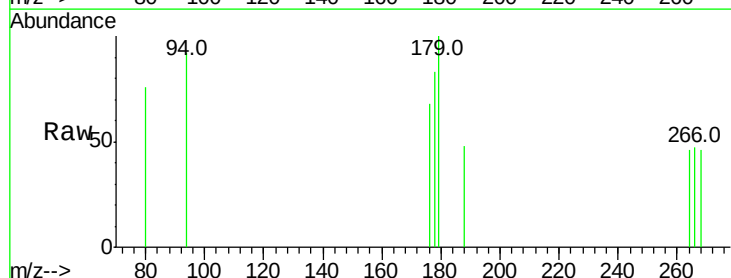
Instrument :
 BNA_E
 ClientSampleId :

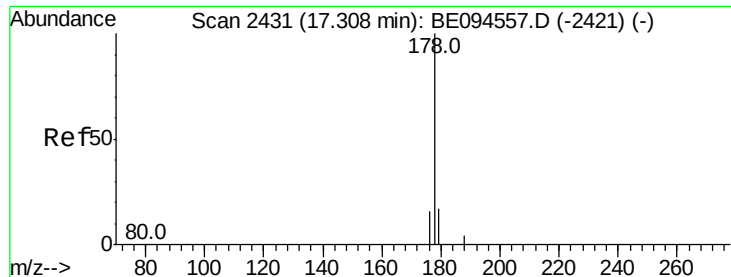
Tot Ion:166 Resp: 9541
 Ion Ratio Lower Upper
 166 100
 165 96.5 73.4 110.2
 167 15.4 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.208 ng/ul
 RT: 17.17 min Scan# 2424
 Delta R.T. 0.16 min
 Lab File: BE094576.D
 Acq: 26 Oct 2017 23:31

Tgt Ion:266 Resp: 100
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 49.0 49.8 74.8#





#12

Phenanthrene

Concen: 6.141 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

Instrument :

BNA_E

ClientSampleId :

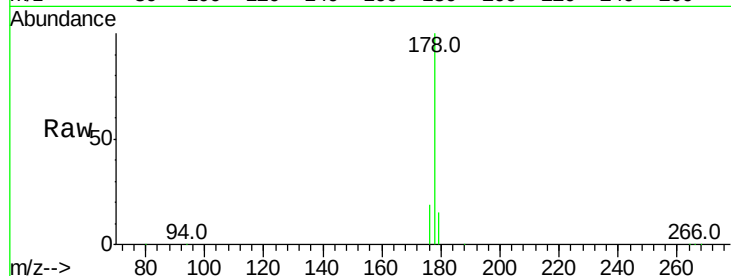
Tot Ion:178 Resp: 156011

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

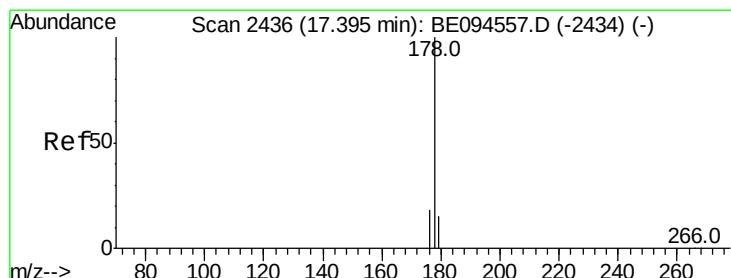
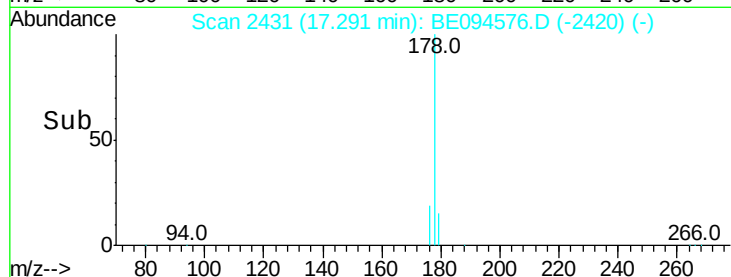
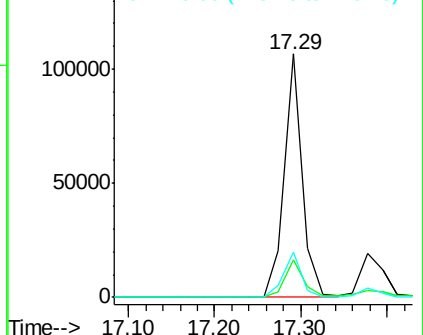
176 18.7 13.6 20.4



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: 1.449 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

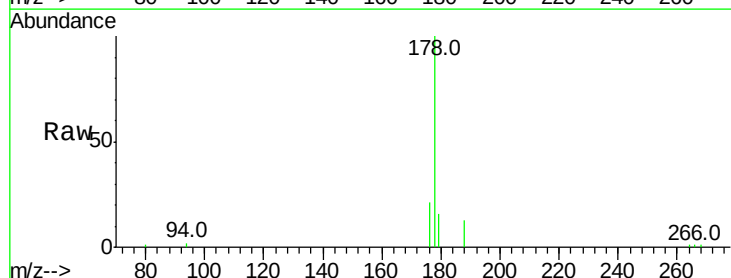
Tgt Ion:178 Resp: 36330

Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

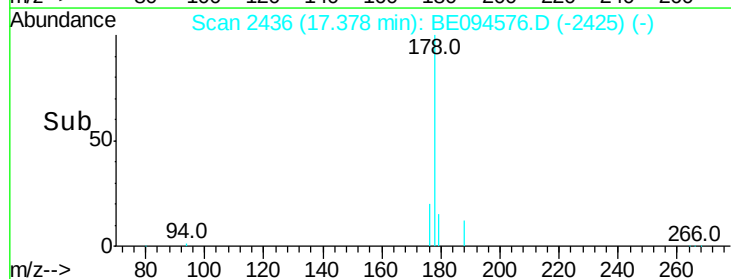
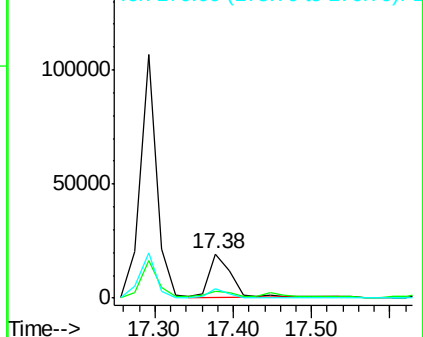
176 20.7 14.7 22.1

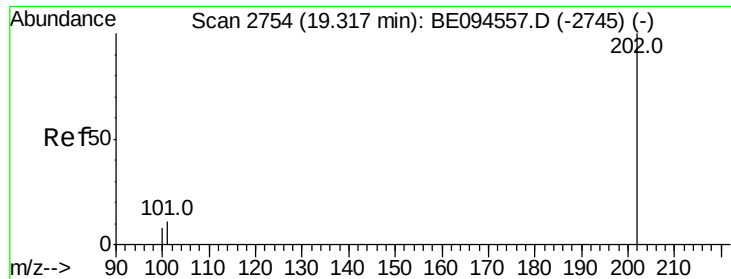


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

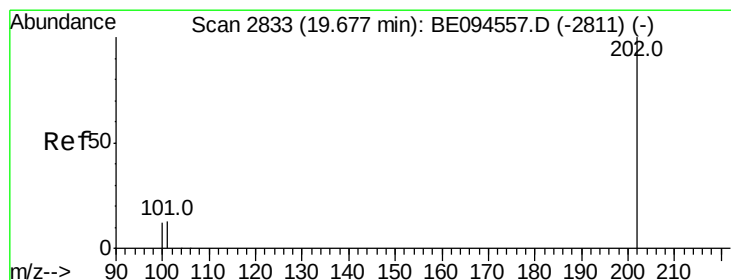
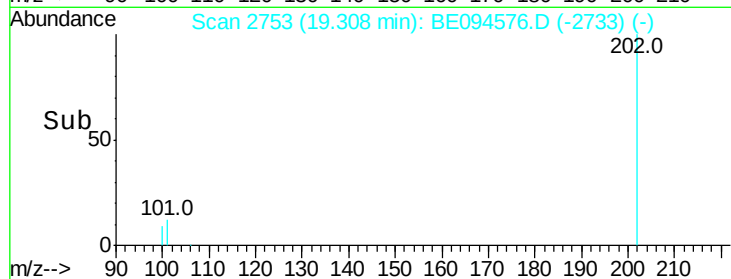
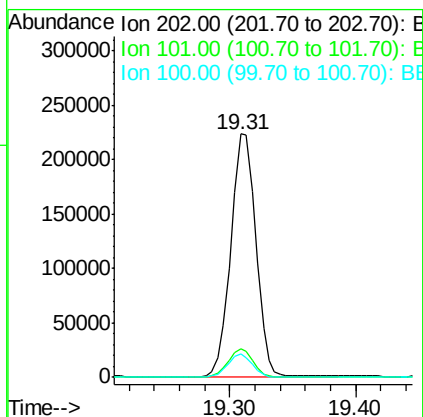
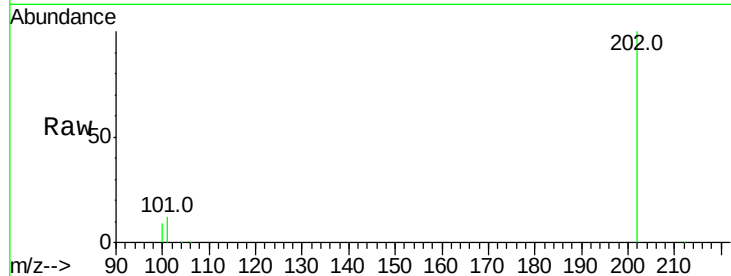




#15
Fluoranthene
Concen: 10.549 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

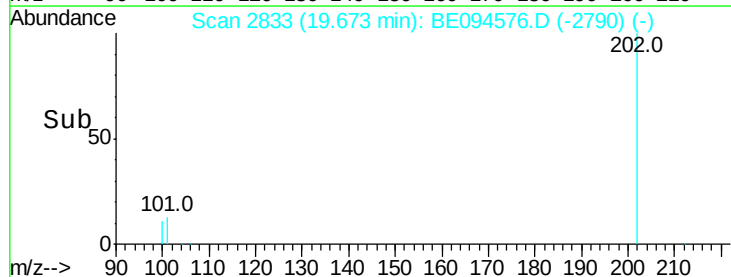
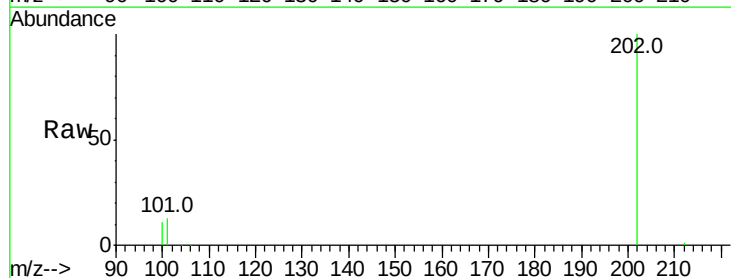
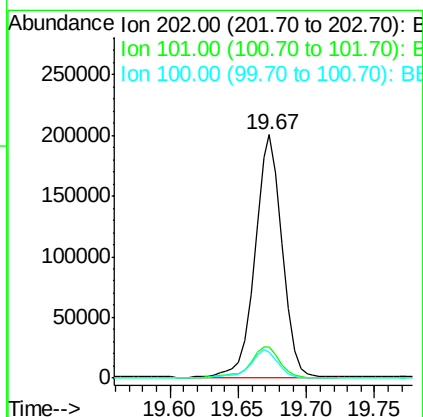
Instrument :
BNA_E
ClientSampleId :

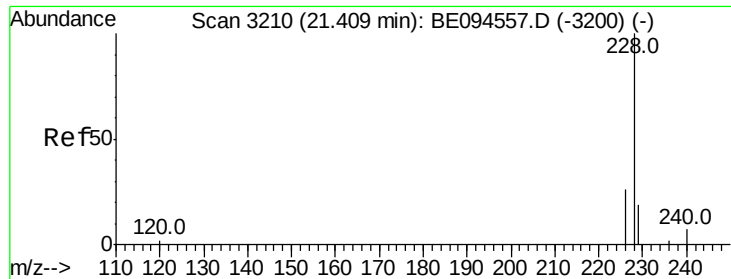
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.4	0.0	39.5



#17
Pyrene
Concen: 9.011 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.7	15.6	23.4#

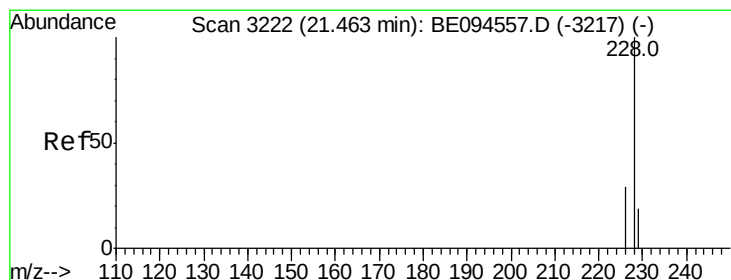
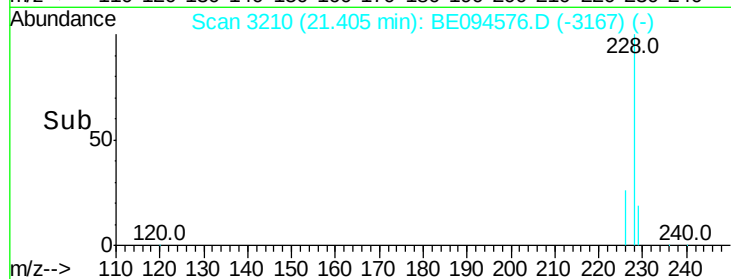
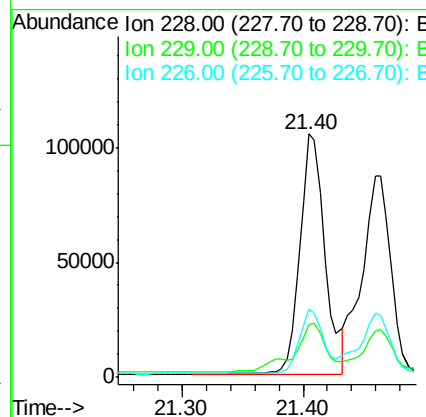
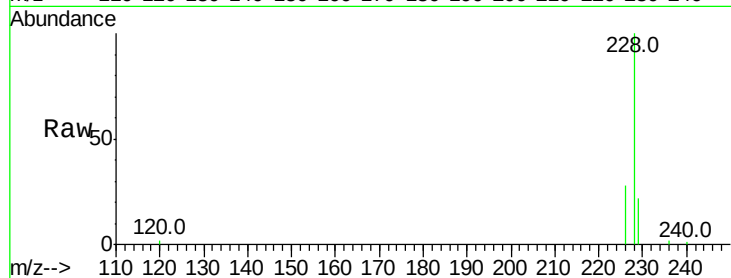




#18
Benzo(a)anthracene
Concen: 5.313 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

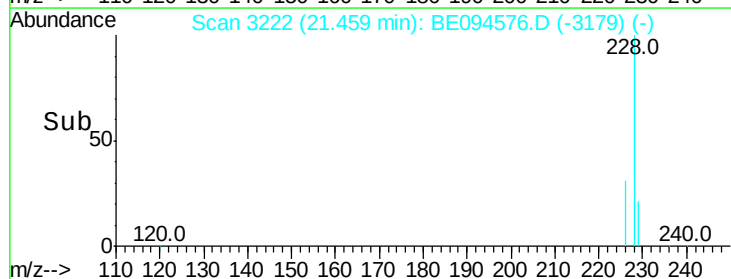
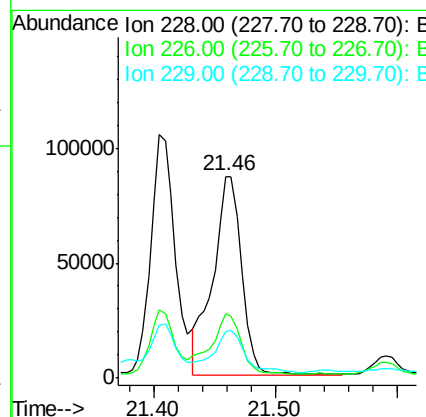
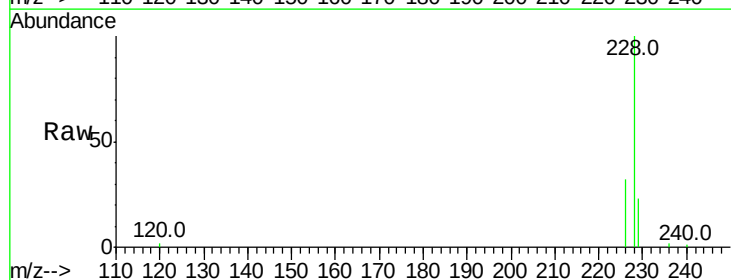
Instrument :
BNA_E
ClientSampleId :

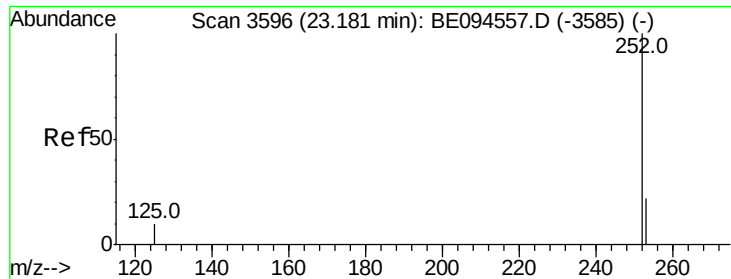
Tot Ion:228 Resp: 149877
Ion Ratio Lower Upper
228 100
229 21.6 22.8 34.2#
226 28.1 17.0 25.6#



#19
Chrysene
Concen: 4.918 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

Tgt Ion:228 Resp: 143400
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.0
229 23.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 8.696 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

Instrument :

BNA_E

ClientSampleId :

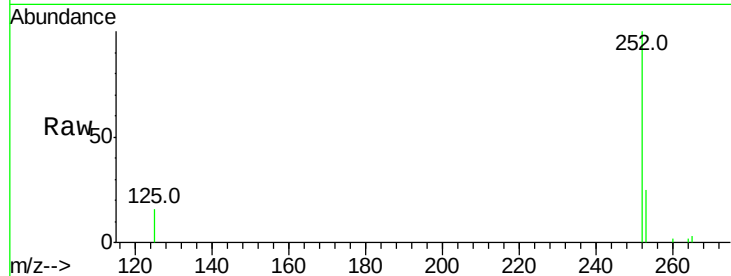
Tot Ion:252 Resp: 250095

Ion Ratio Lower Upper

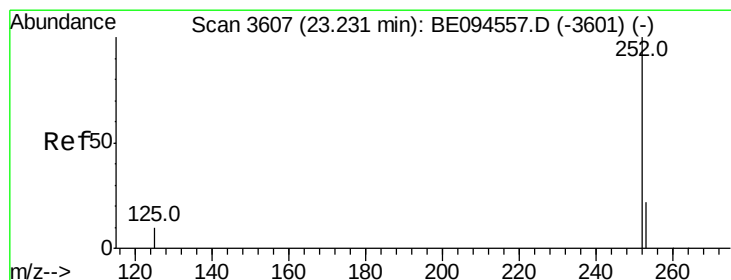
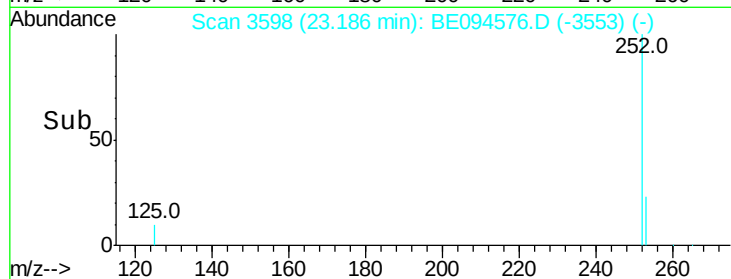
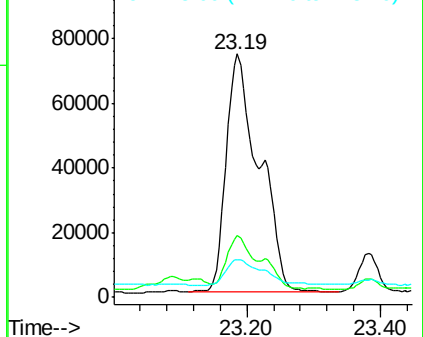
252 100

253 25.5 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: 8.115 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

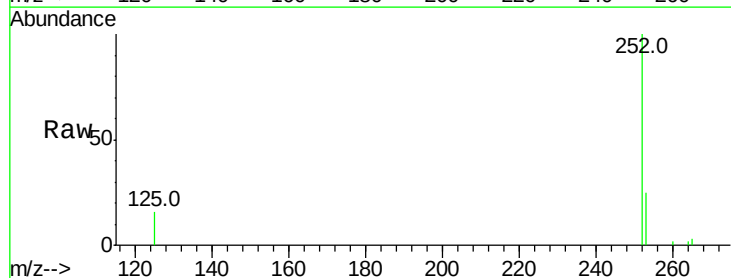
Tgt Ion:252 Resp: 250106

Ion Ratio Lower Upper

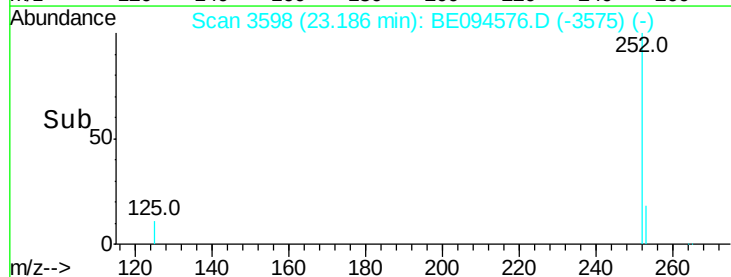
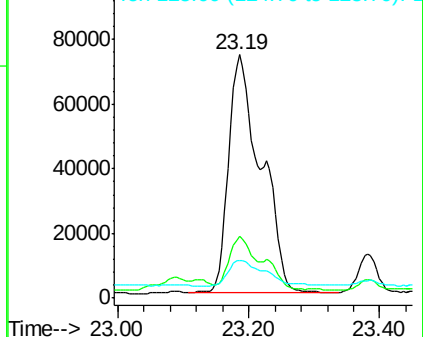
252 100

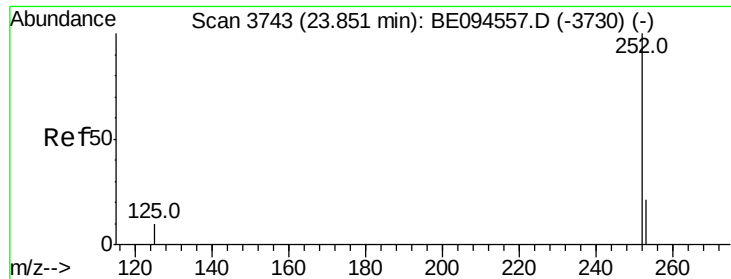
253 25.5 24.5 36.7

125 15.6 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

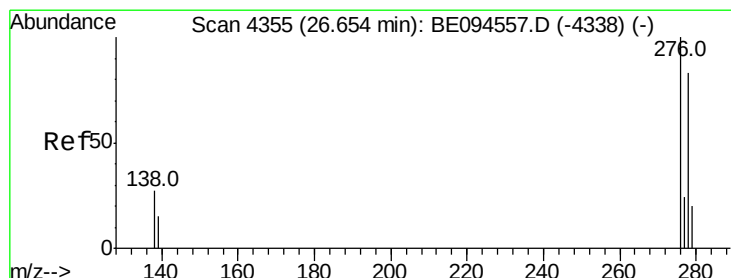
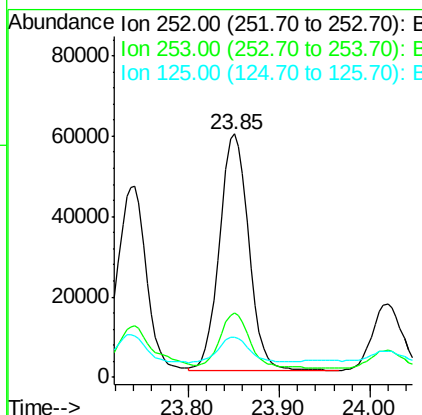
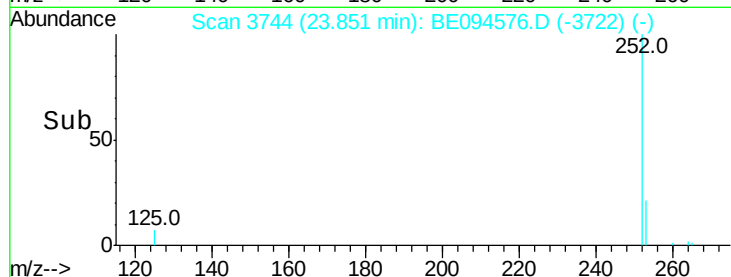
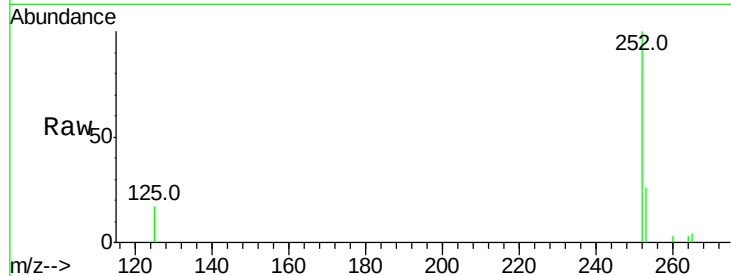




#23
Benzo(a)pyrene
Concen: 4.526 ng/ul
RT: 23.85 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

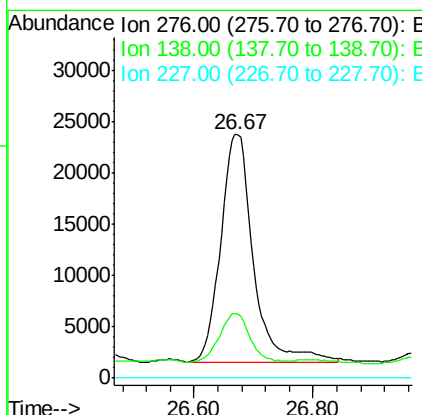
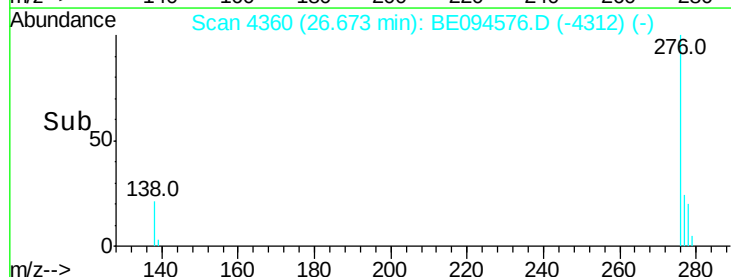
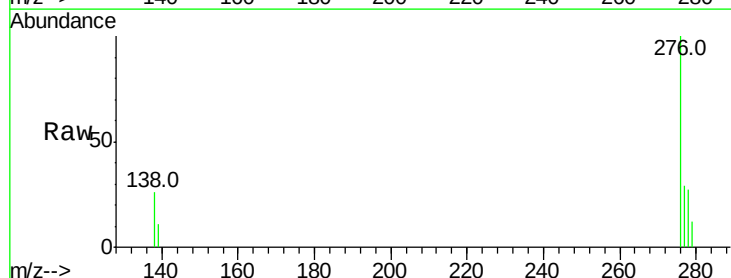
Instrument :
BNA_E
ClientSampleId :

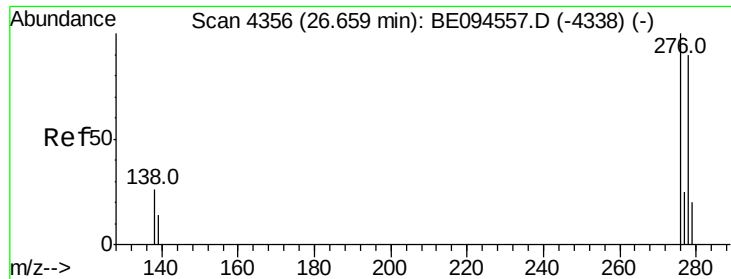
Tot Ion:252 Resp: 130100
Ion Ratio Lower Upper
252 100
253 26.3 28.5 42.7#
125 16.7 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 2.830 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. 0.02 min
Lab File: BE094576.D
Acq: 26 Oct 2017 23:31

Tgt Ion:276 Resp: 84199
Ion Ratio Lower Upper
276 100
138 20.0 28.0 42.0#
227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.852 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

Instrument :

BNA_E

ClientSampleId :

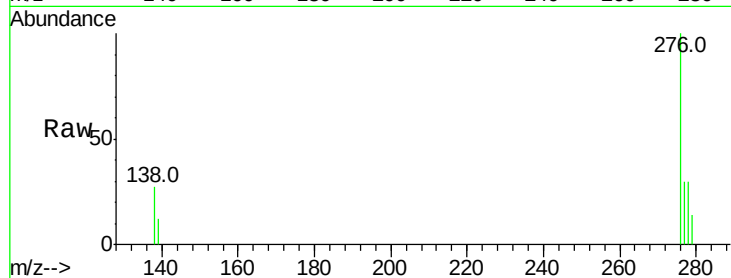
Tot Ion:278 Resp: 21344

Ion Ratio Lower Upper

278 100

139 41.0 17.4 26.0#

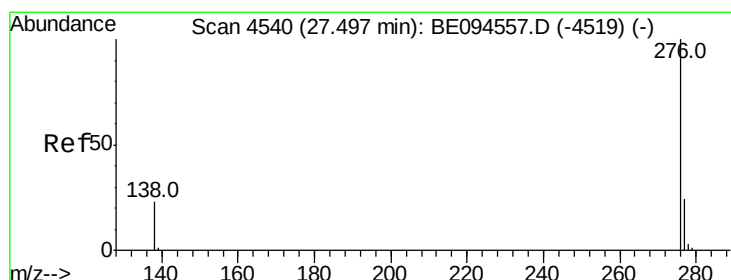
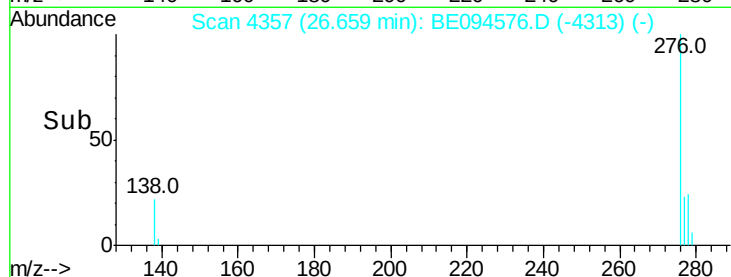
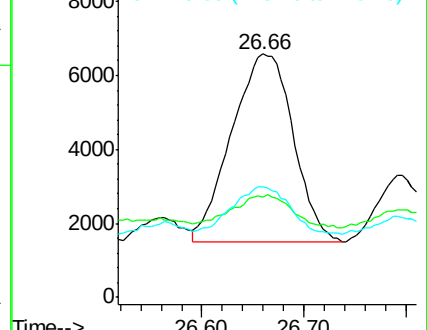
279 45.2 25.9 38.9#



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: 3.140 ng/ul

RT: 27.52 min Scan# 4545

Delta R.T. 0.02 min

Lab File: BE094576.D

Acq: 26 Oct 2017 23:31

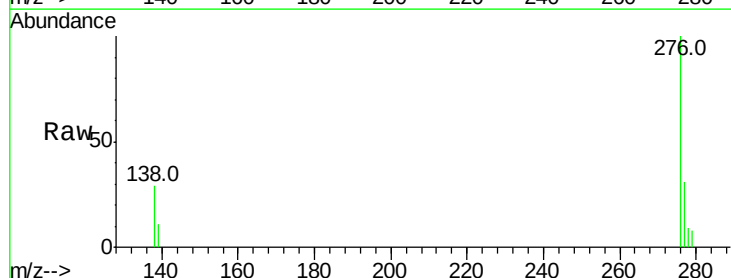
Tgt Ion:276 Resp: 74994

Ion Ratio Lower Upper

276 100

138 28.6 21.8 32.8

277 30.6 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

