

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094575.D
 Acq On : 26 Oct 2017 22:56
 Operator : SJ/JU
 Sample : I5719-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:43:17 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

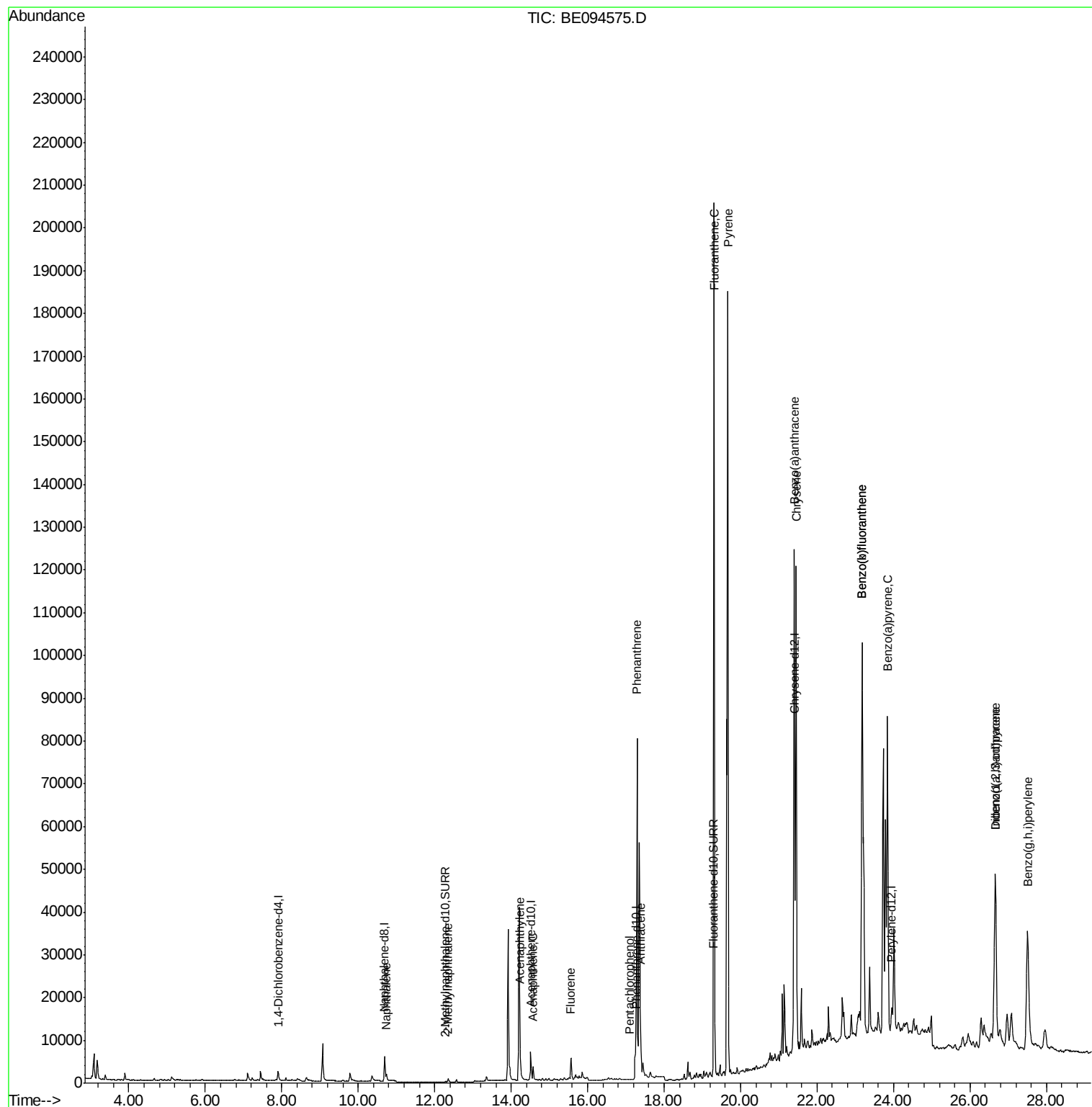
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1290	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7185	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4117	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9599	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9428	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10018	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	374	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1061	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2530	0.144	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	990	0.081	ng/ul	97
7) Acenaphthylene	14.24	152	5698	0.306	ng/ul	99
8) Acenaphthene	14.57	153	2082	0.156	ng/ul	96
9) Fluorene	15.57	166	3775	0.251	ng/ul	95
11) Pentachlorophenol	17.10	266	21	0.044	ng/ul#	54
12) Phenanthrene	17.29	178	91359	3.603	ng/ul#	92
13) Anthracene	17.38	178	19344	0.773	ng/ul#	92
15) Fluoranthene	19.30	202	229787	7.839	ng/ul	84
17) Pyrene	19.67	202	212513	7.291	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	113726	4.220	ng/ul#	88
19) Chrysene	21.46	228	125420	4.502	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	226074	8.022	ng/ul	90
22) Benzo(k)fluoranthene	23.18	252	226523	7.501	ng/ul	92
23) Benzo(a)pyrene	23.84	252	120282	4.270	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	83287	2.857	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	21192	0.863	ng/ul#	68
26) Benzo(g,h,i)perylene	27.51	276	84254	3.600	ng/ul	96

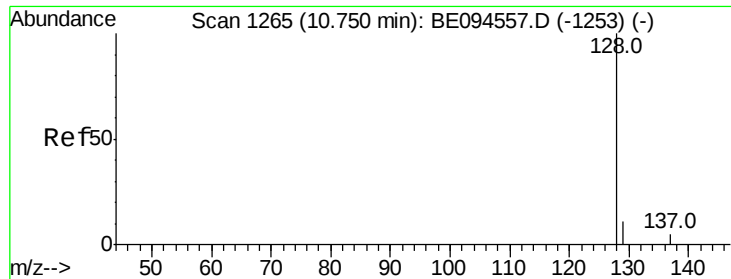
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.144 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

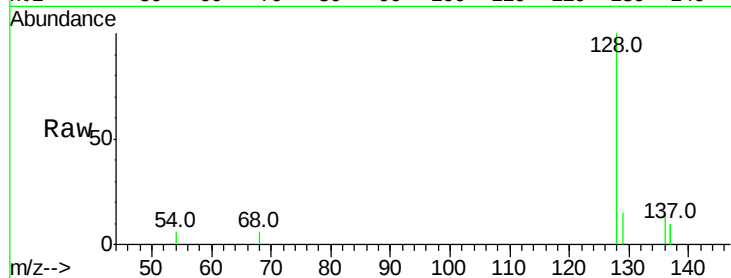
Tot Ion:128 Resp: 2530

Ion Ratio Lower Upper

128 100

129 15.4 11.3 16.9

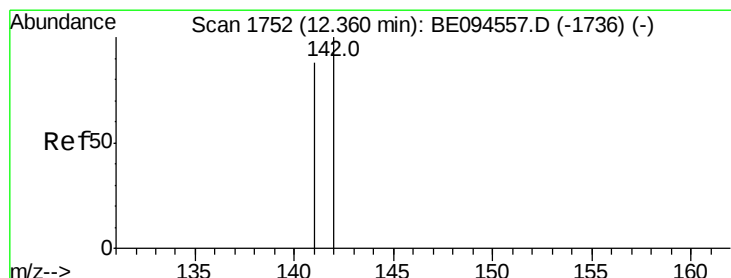
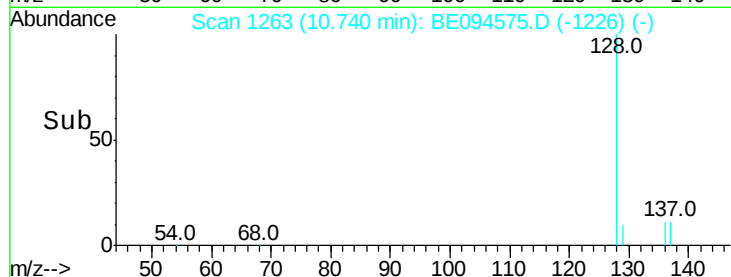
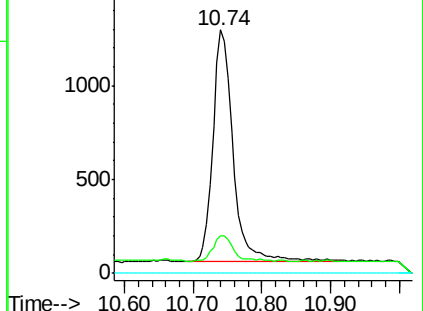
127 0.0 4.0 6.0#



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: 0.081 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094575.D

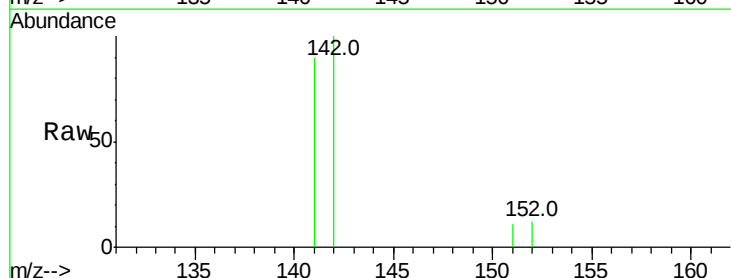
Acq: 26 Oct 2017 22:56

Tgt Ion:142 Resp: 990

Ion Ratio Lower Upper

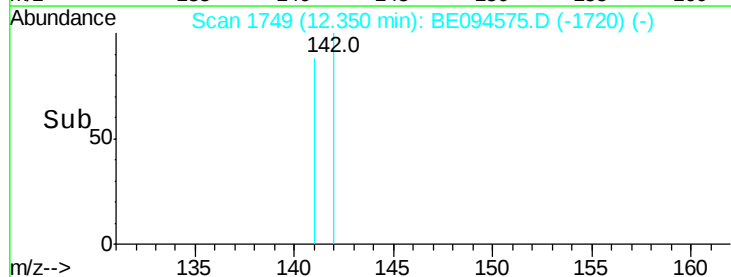
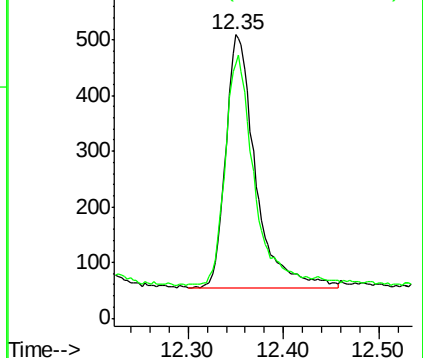
142 100

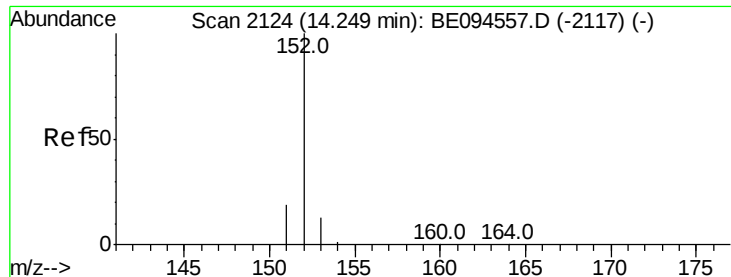
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.306 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

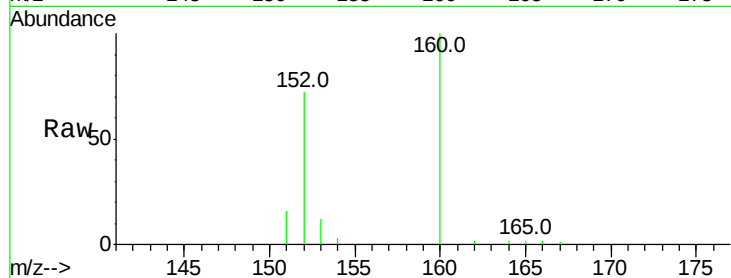
Tot Ion:152 Resp: 5698

Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

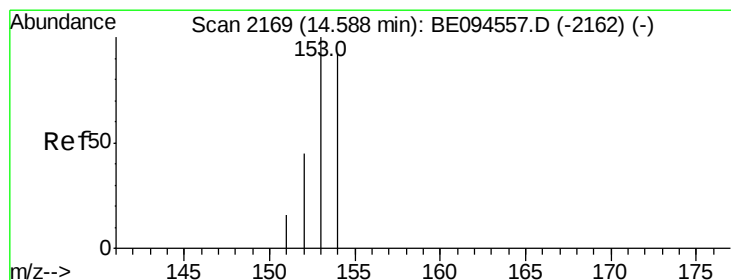
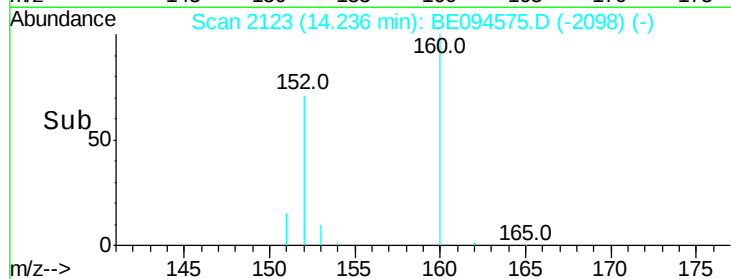
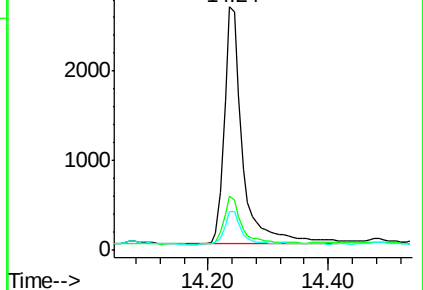
153 16.0 12.8 19.2



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: 0.156 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

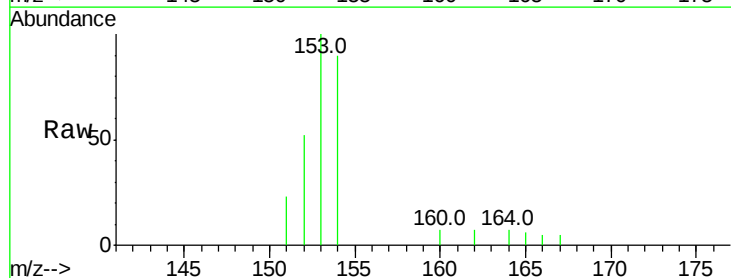
Tgt Ion:153 Resp: 2082

Ion Ratio Lower Upper

153 100

152 52.3 36.0 54.0

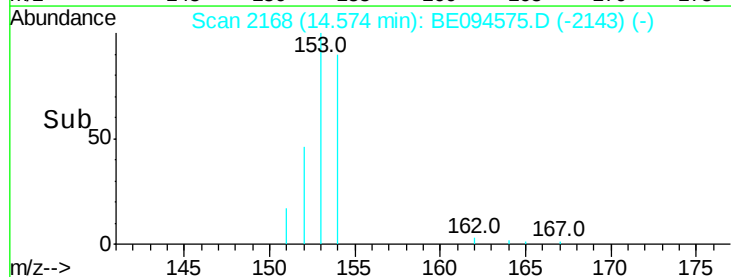
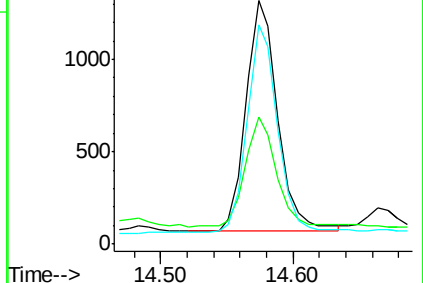
154 90.0 72.0 108.0

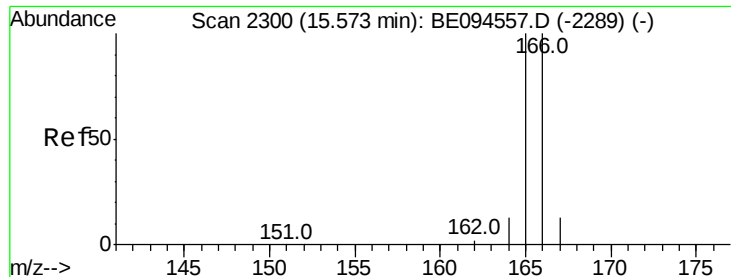


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

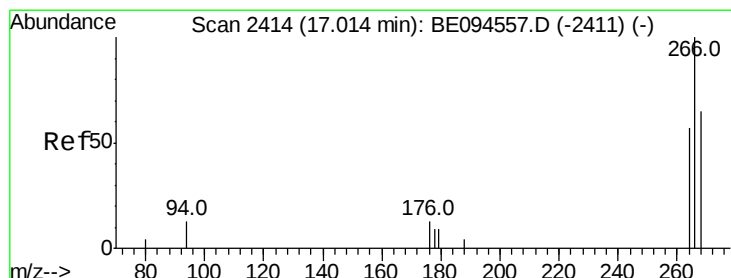
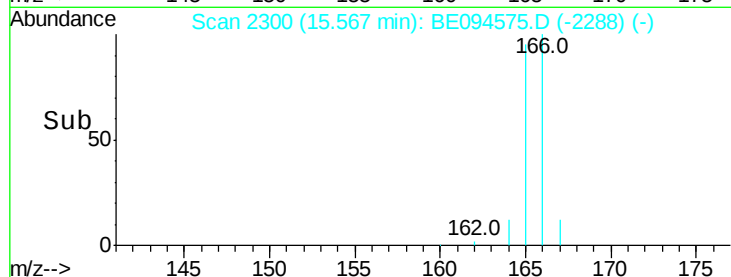
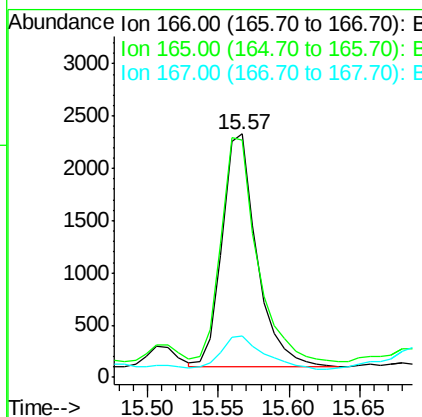
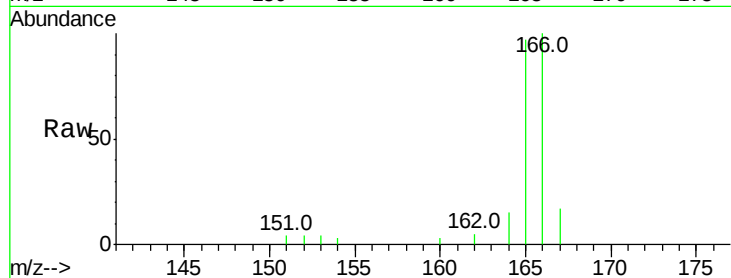




#9
Fluorene
 Concen: 0.251 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094575.D
 Acq: 26 Oct 2017 22:56

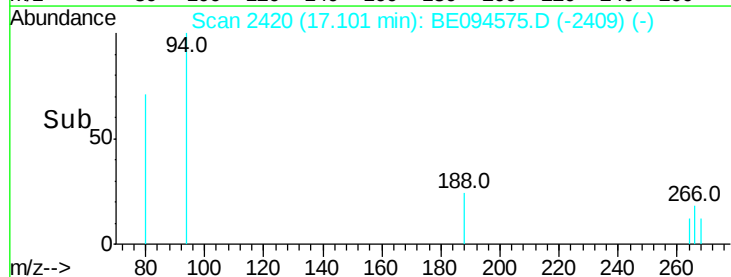
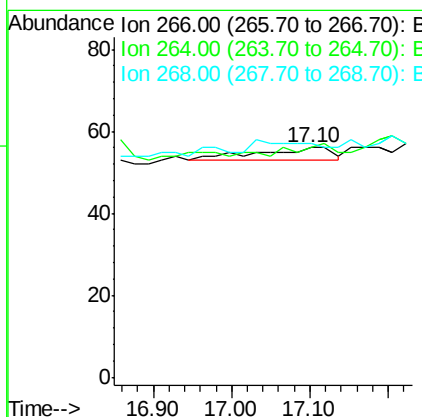
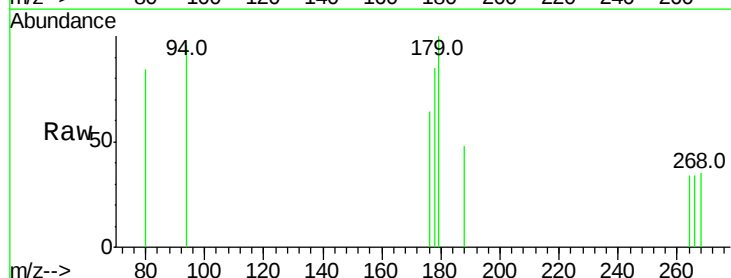
Instrument :
 BNA_E
 ClientSampleId :

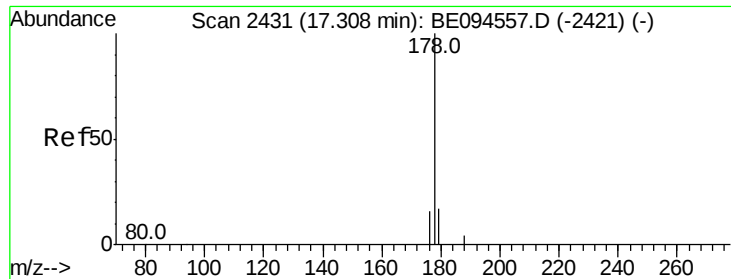
Tot Ion:166 Resp: 3775
 Ion Ratio Lower Upper
 166 100
 165 97.3 73.4 110.2
 167 16.7 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 17.10 min Scan# 2420
 Delta R.T. 0.09 min
 Lab File: BE094575.D
 Acq: 26 Oct 2017 22:56

Tgt Ion:266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 52.4 47.9 71.9
 268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 3.603 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

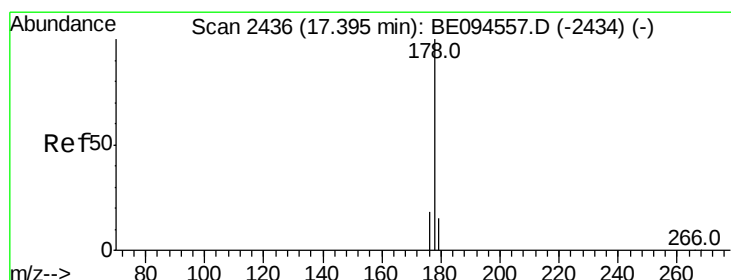
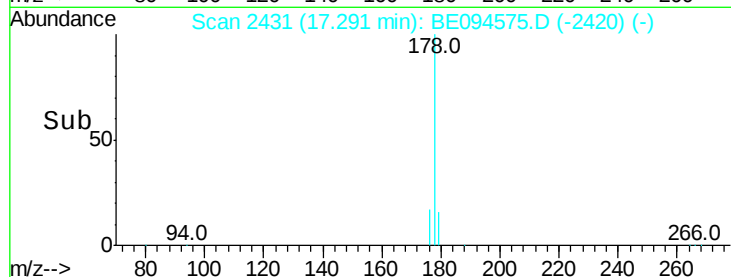
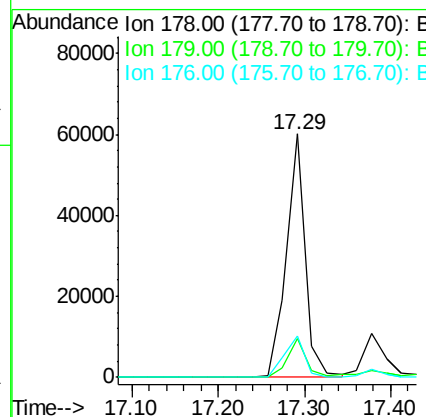
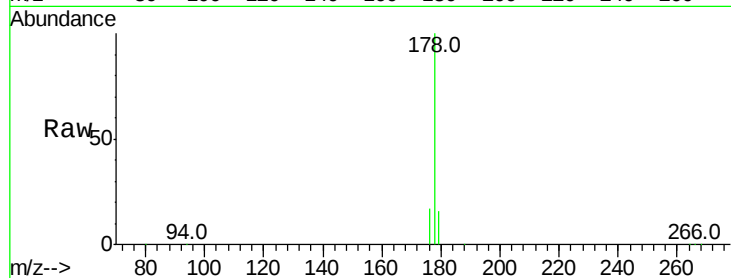
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 91359

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	17.0	13.6	20.4



#13

Anthracene

Concen: 0.773 ng/ul

RT: 17.38 min Scan# 2436

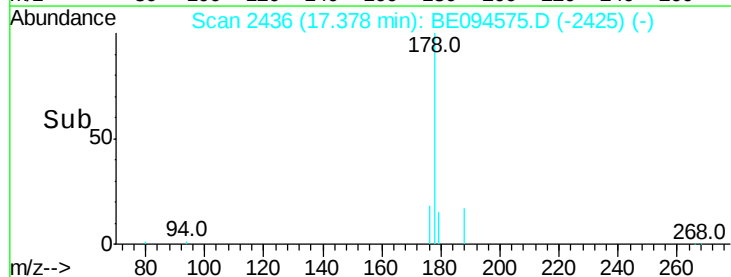
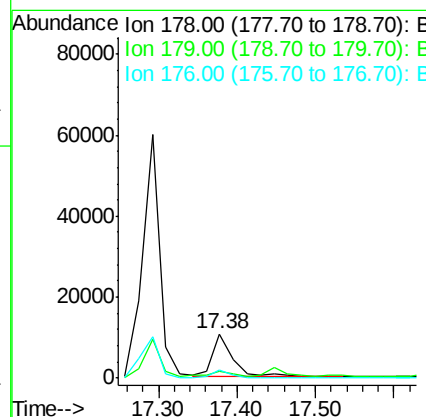
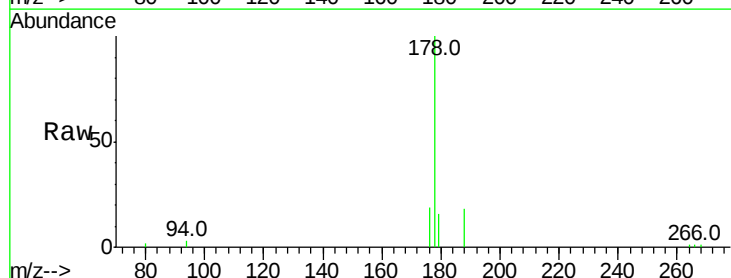
Delta R.T. -0.02 min

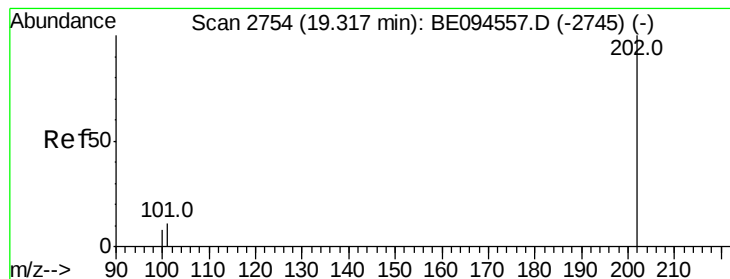
Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Tgt Ion:178 Resp: 19344

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	19.2	14.7	22.1





#15

Fluoranthene

Concen: 7.839 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BE094575.D

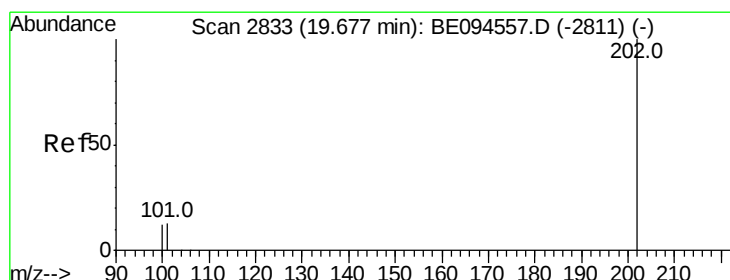
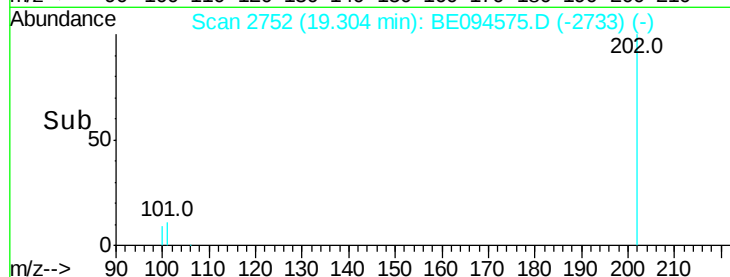
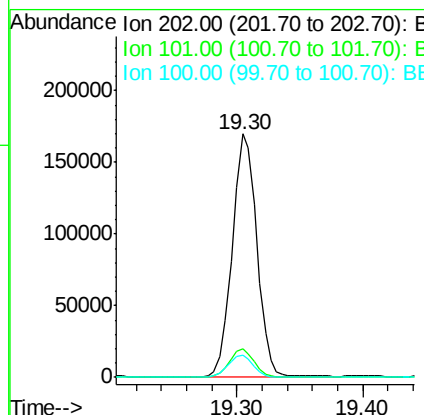
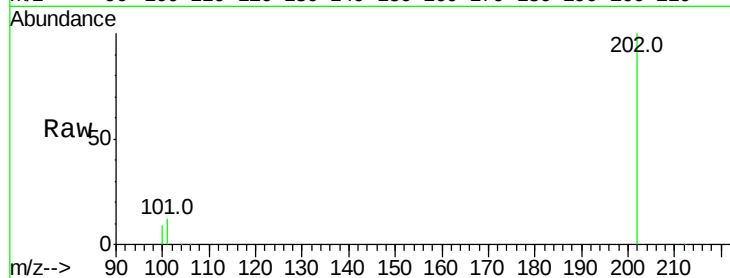
Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	229787
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5



#17

Pyrene

Concen: 7.291 ng/ul

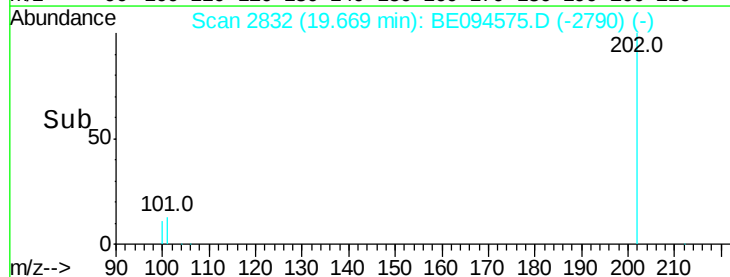
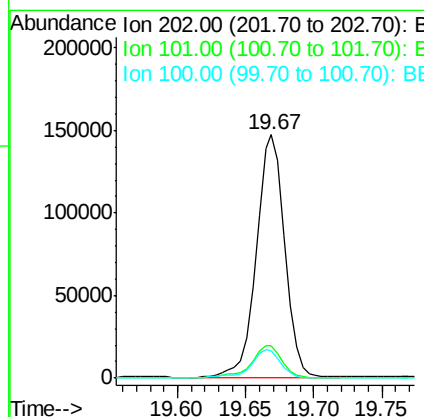
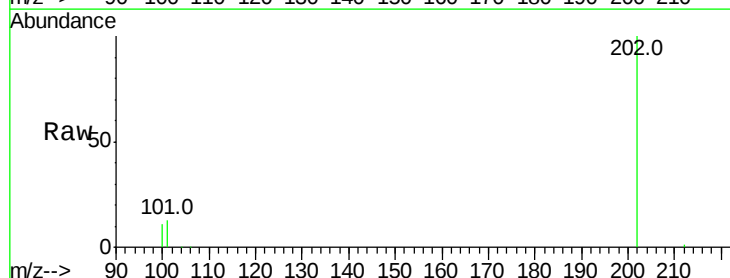
RT: 19.67 min Scan# 2832

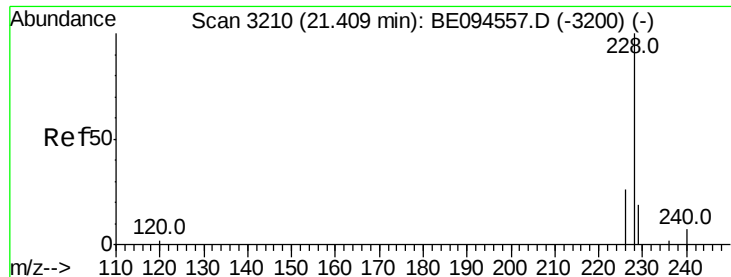
Delta R.T. -0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Tgt Ion:	202	Resp:	212513
Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.2	15.6	23.4#

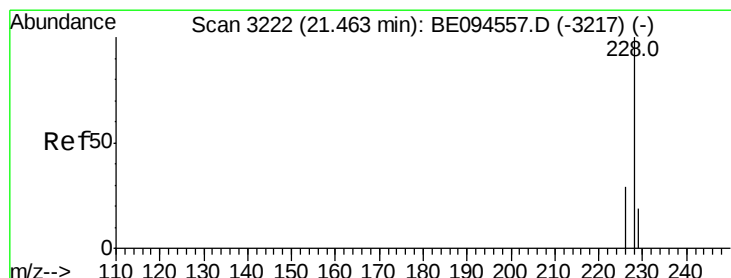
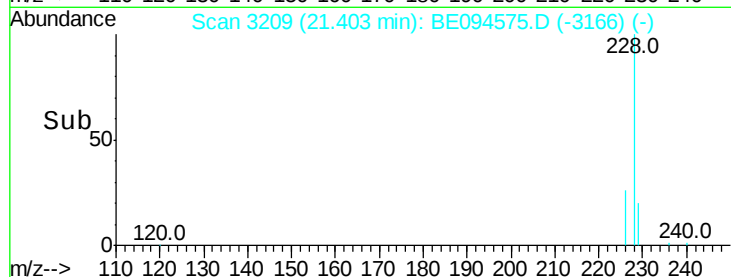
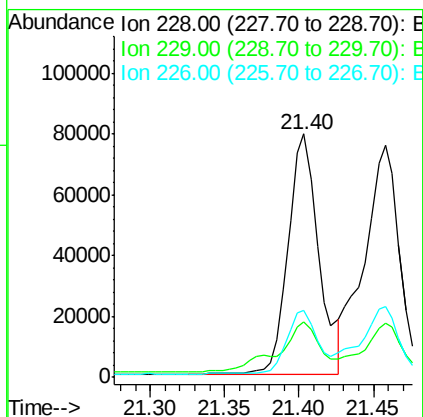
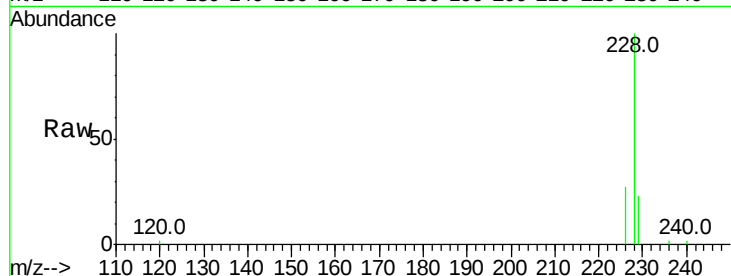




#18
Benzo(a)anthracene
Concen: 4.220 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094575.D
Acq: 26 Oct 2017 22:56

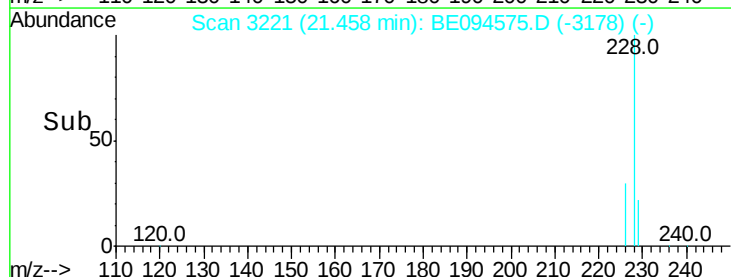
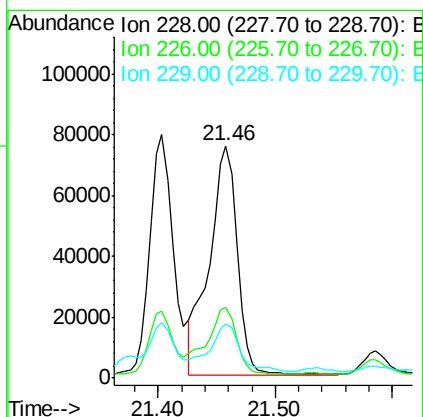
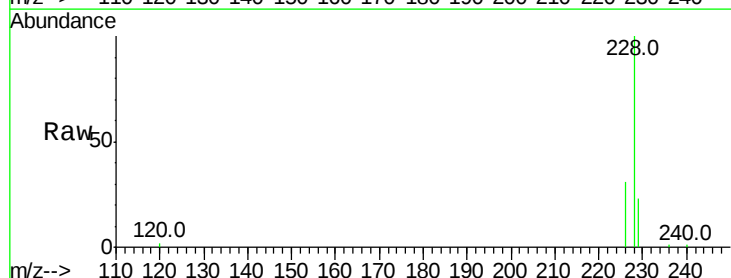
Instrument :
BNA_E
ClientSampleId :

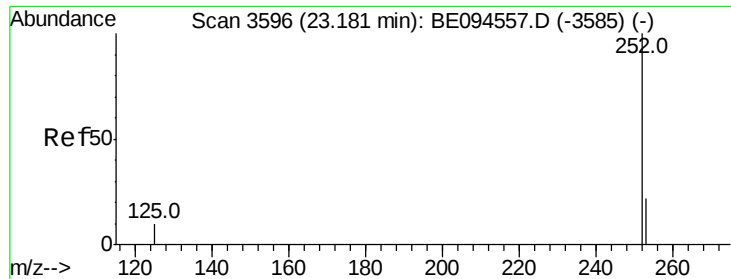
Tot Ion:228 Resp: 113726
Ion Ratio Lower Upper
228 100
229 23.0 22.8 34.2
226 27.4 17.0 25.6#



#19
Chrysene
Concen: 4.502 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094575.D
Acq: 26 Oct 2017 22:56

Tgt Ion:228 Resp: 125420
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 23.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 8.022 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.00 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

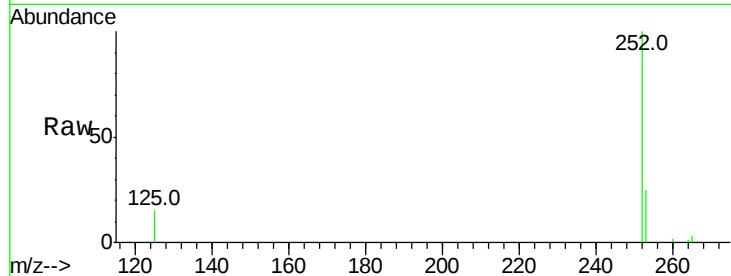
Tot Ion:252 Resp: 226074

Ion Ratio Lower Upper

252 100

253 25.2 0.0 64.2

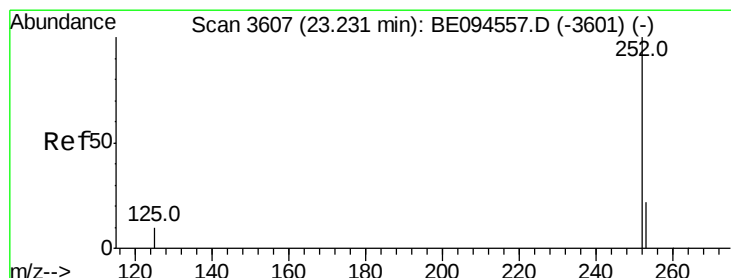
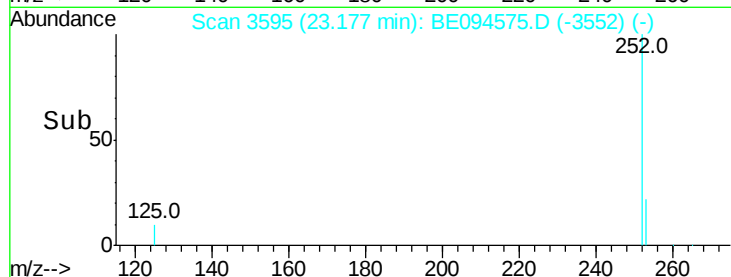
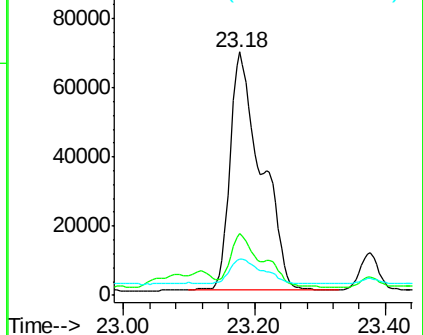
125 15.0 0.0 35.0



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: 7.501 ng/ul

RT: 23.18 min Scan# 3595

Delta R.T. -0.05 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

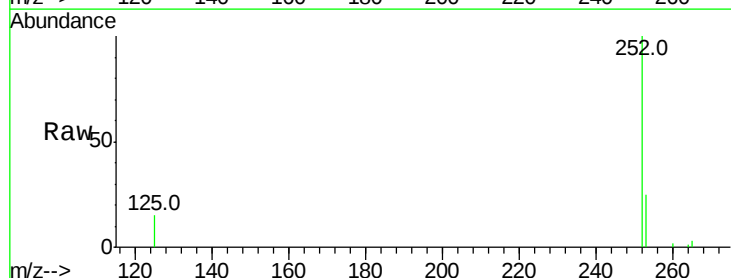
Tgt Ion:252 Resp: 226523

Ion Ratio Lower Upper

252 100

253 25.2 24.5 36.7

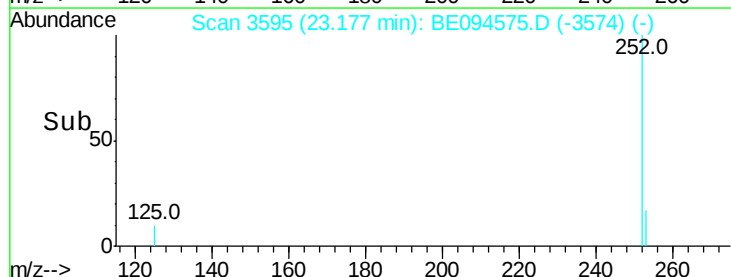
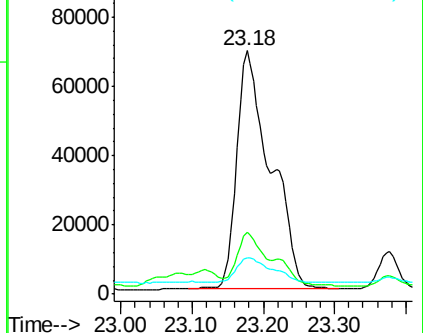
125 15.0 13.7 20.5

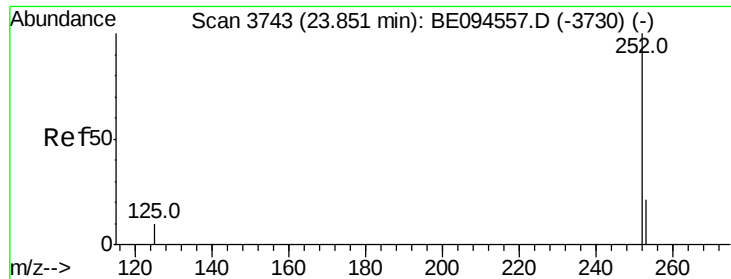


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 4.270 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. -0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

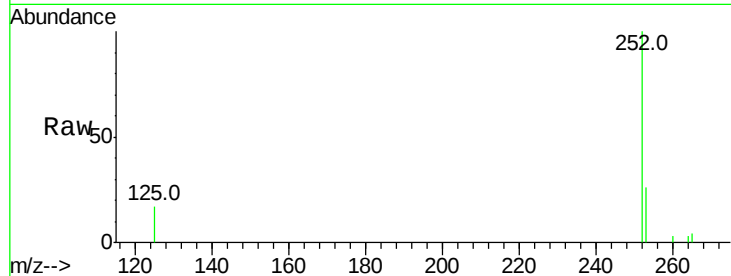
Tot Ion:252 Resp: 120282

Ion Ratio Lower Upper

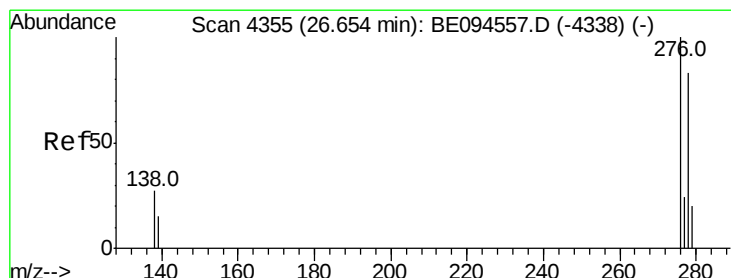
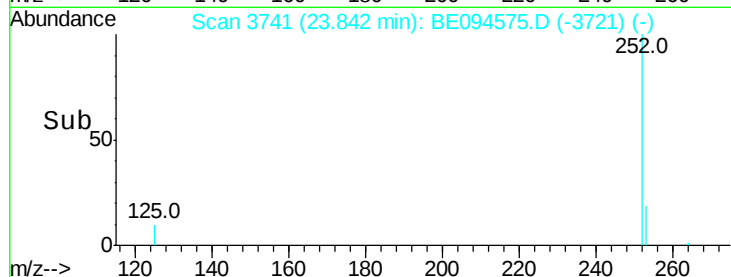
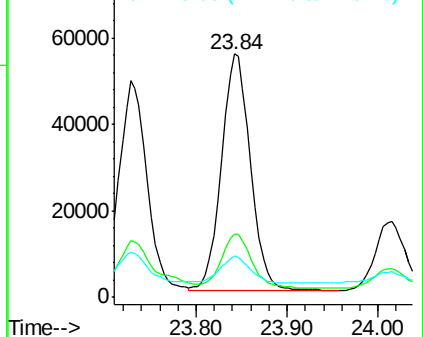
252 100

253 25.8 28.5 42.7#

125 16.8 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: 2.857 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. 0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

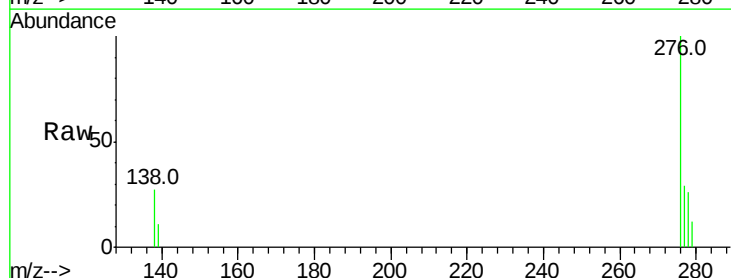
Tgt Ion:276 Resp: 83287

Ion Ratio Lower Upper

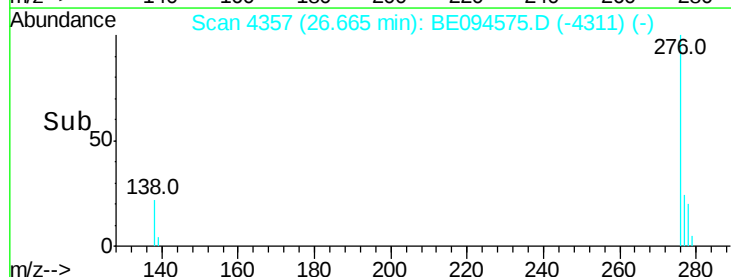
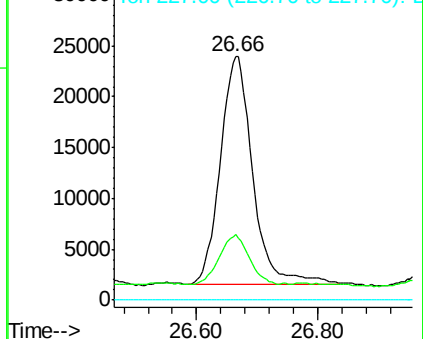
276 100

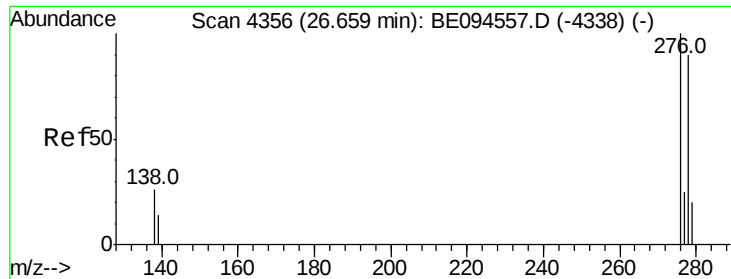
138 20.3 28.0 42.0#

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: 0.863 ng/ul

RT: 26.66 min Scan# 4355

Delta R.T. -0.00 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Instrument :

BNA_E

ClientSampleId :

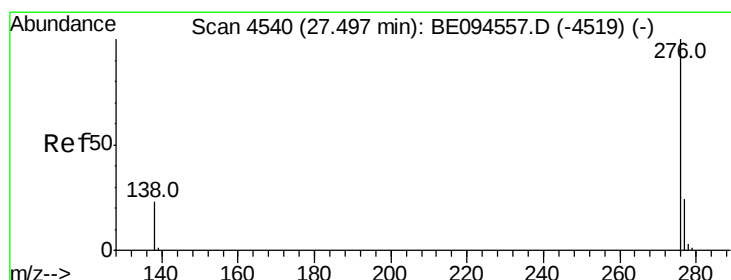
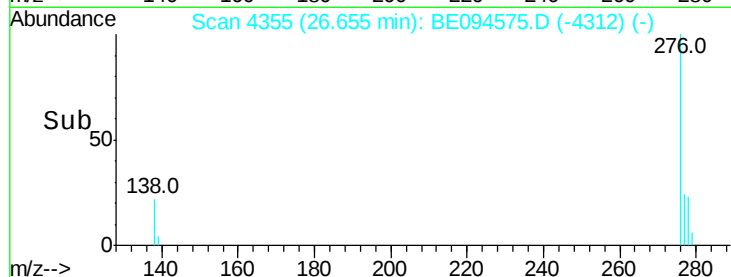
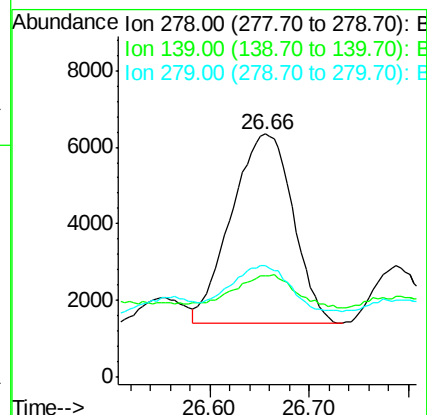
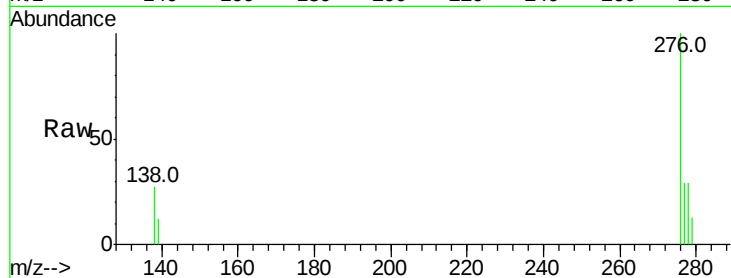
Tot Ion:278 Resp: 21192

Ion Ratio Lower Upper

278 100

139 41.9 17.4 26.0#

279 45.9 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 3.600 ng/ul

RT: 27.51 min Scan# 4542

Delta R.T. 0.01 min

Lab File: BE094575.D

Acq: 26 Oct 2017 22:56

Tgt Ion:276 Resp: 84254

Ion Ratio Lower Upper

276 100

138 26.8 21.8 32.8

277 29.1 20.5 30.7

