

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121517\
 Data File : BE094995.D
 Acq On : 15 Dec 2017 11:03
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 15 16:27:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6729	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15255	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9092	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	21036	0.40	ng	0.00
27) Chrysene-d12	21.87	240	22845	0.40	ng	0.00
34) Perylene-d12	24.55	264	18142	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	4408	0.42	ng	0.00
5) Phenol-d6	7.59	99	6624	0.43	ng	0.00
8) Nitrobenzene-d5	9.65	82	5151	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9855	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	999	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	15052	0.37	ng	0.00
25) Fluoranthene-d10	19.75	212	104378	0.38	ng	0.00
29) Terphenyl-d14	20.31	244	17591	0.41	ng	0.00

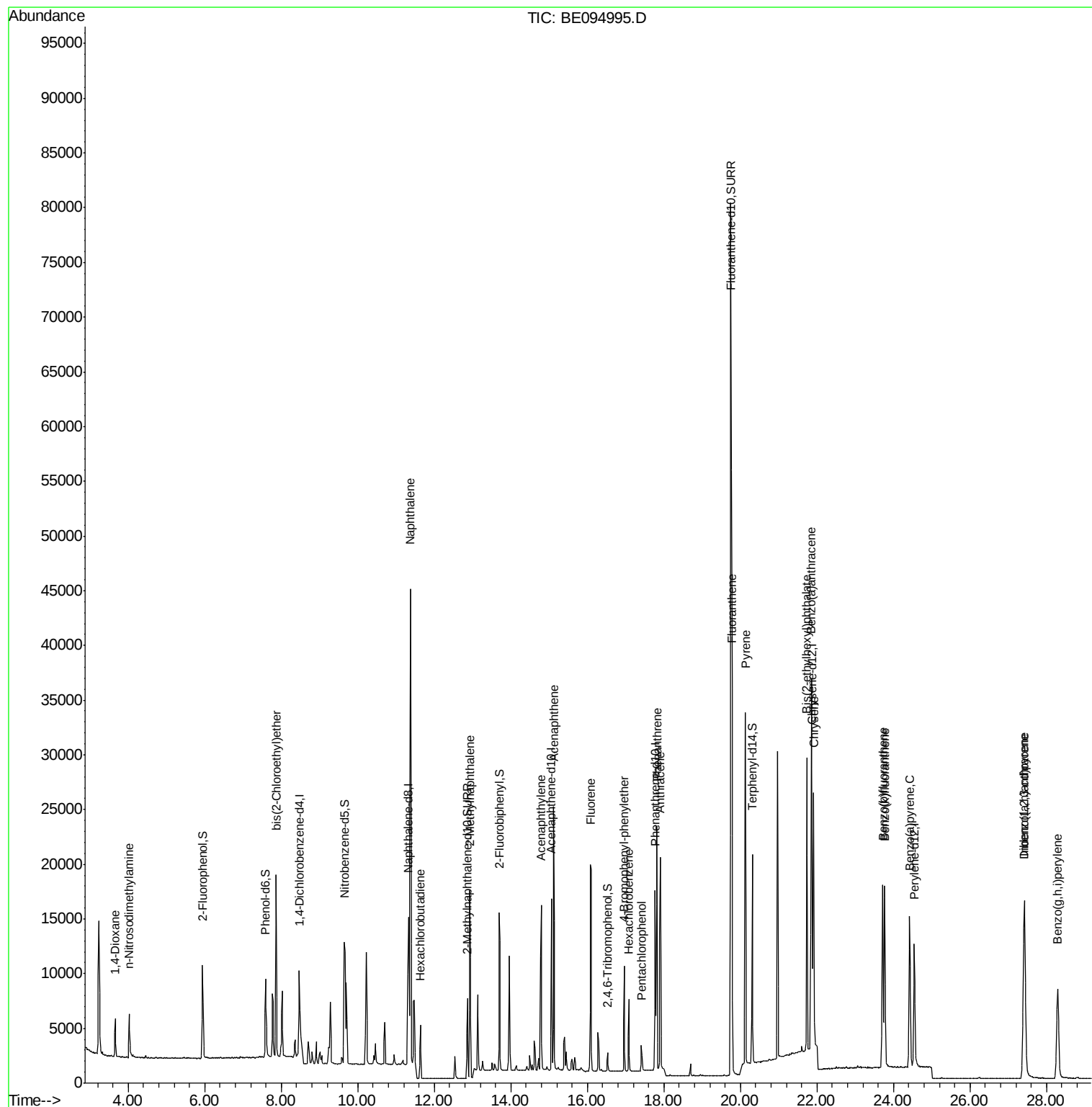
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	2581	0.389	ng	# 90
3) n-Nitrosodimethylamine	4.02	42	3188	0.407	ng	# 92
6) bis(2-Chloroethyl)ether	7.87	93	5923	0.391	ng	# 94
9) Naphthalene	11.38	128	70503	0.394	ng	# 99
10) Hexachlorobutadiene	11.64	225	3126	0.384	ng	# 96
12) 2-Methylnaphthalene	12.93	142	17333	0.388	ng	# 98
16) Acenaphthylene	14.79	152	18515	0.381	ng	# 99
17) Acenaphthene	15.12	154	12398	0.385	ng	# 95
18) Fluorene	16.10	166	15676	0.391	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4749	0.386	ng	# 83
21) Hexachlorobenzene	17.09	284	5011	0.398	ng	# 81
22) Pentachlorophenol	17.41	266	1361	0.516	ng	# 69
23) Phenanthrene	17.82	178	25655	0.391	ng	# 98
24) Anthracene	17.91	178	26262	0.390	ng	# 94
26) Fluoranthene	19.78	202	31133	0.385	ng	# 99
28) Pyrene	20.13	202	35757	0.462	ng	# 97
30) Benzo(a)anthracene	21.86	228	26805	0.402	ng	# 61
31) Chrysene	21.92	228	28679	0.382	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.73	149	39758	0.467	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.41	276	25410	0.415	ng	# 99
35) Benzo(b)fluoranthene	23.72	252	25961	0.390	ng	# 90
36) Benzo(k)fluoranthene	23.77	252	24459	0.362	ng	# 93
37) Benzo(a)pyrene	24.43	252	22765	0.385	ng	# 96
38) Dibenzo(a,h)anthracene	27.43	278	21336	0.389	ng	# 98
39) Benzo(g,h,i)perylene	28.30	276	20903	0.383	ng	# 96

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121517\
Data File : BE094995.D
Acq On : 15 Dec 2017 11:03
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 15 16:27:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.47 min Scan# 446

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

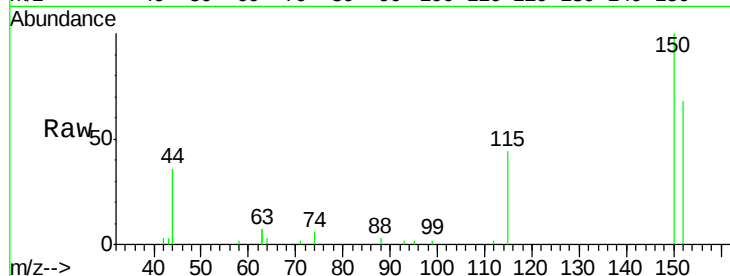
Tot Ion:152 Resp: 6729

Ion Ratio Lower Upper

152 100

150 146.6 117.2 175.8

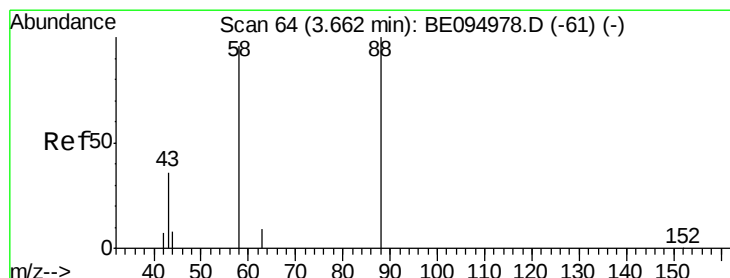
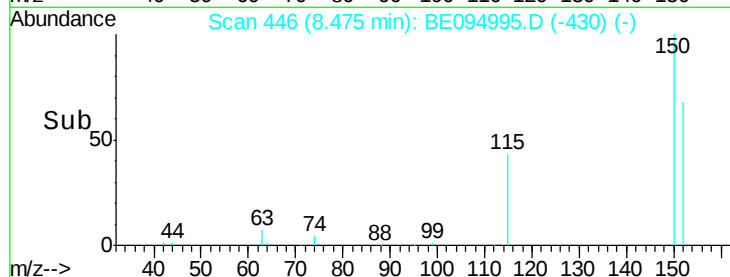
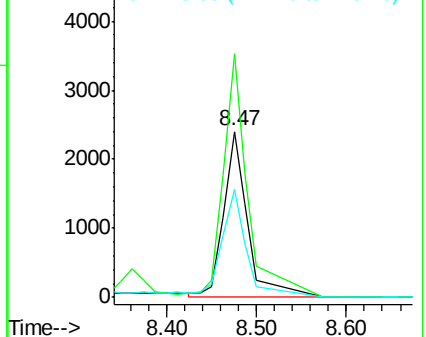
115 65.1 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.389 ng

RT: 3.67 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

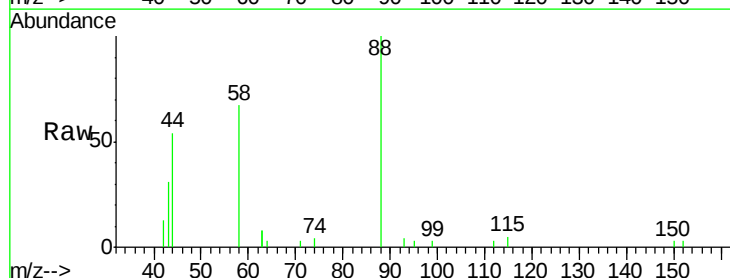
Tgt Ion: 88 Resp: 2581

Ion Ratio Lower Upper

88 100

58 78.7 63.2 94.8

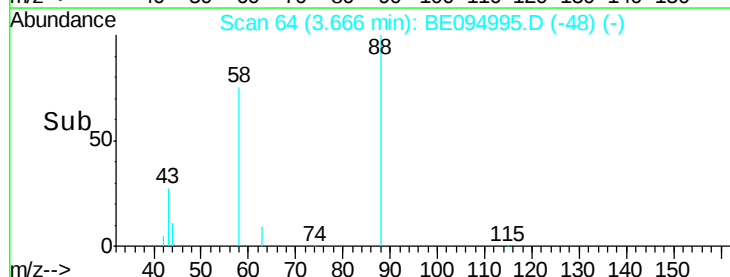
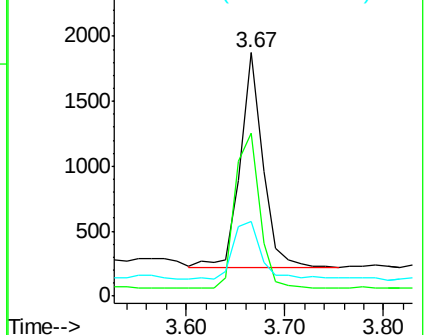
43 34.5 41.2 61.8#

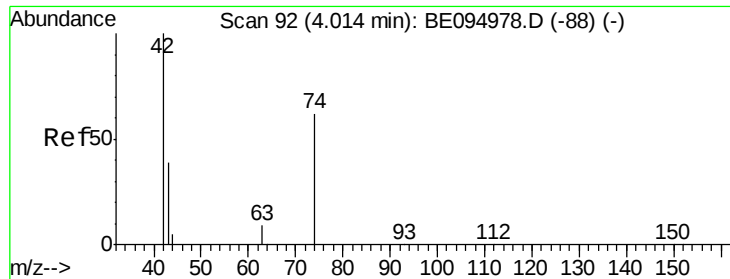


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.407 ng

RT: 4.02 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

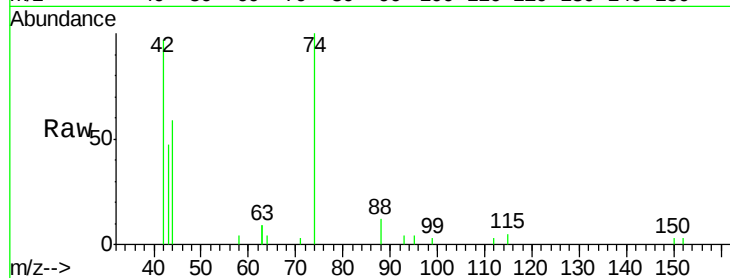
Tot Ion: 42 Resp: 3188

Ion Ratio Lower Upper

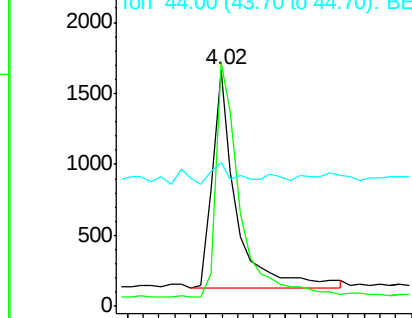
42 100

74 111.8 96.0 144.0

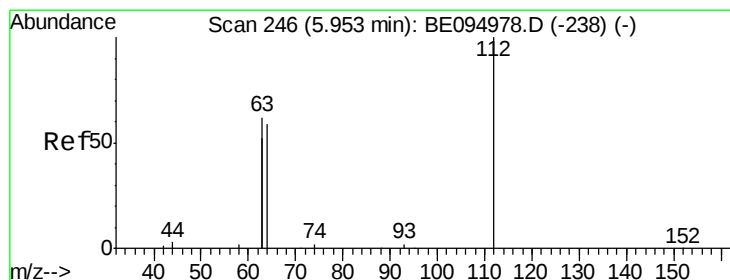
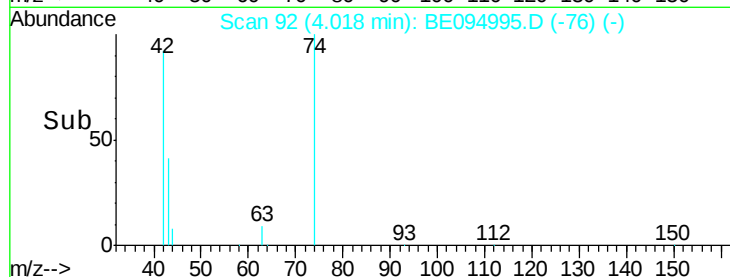
44 9.6 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.90 4.00 4.10 4.20



#4

2-Fluorophenol

Concen: 0.422 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

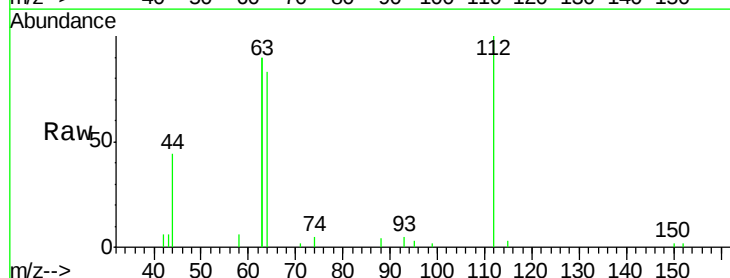
Tgt Ion: 112 Resp: 4408

Ion Ratio Lower Upper

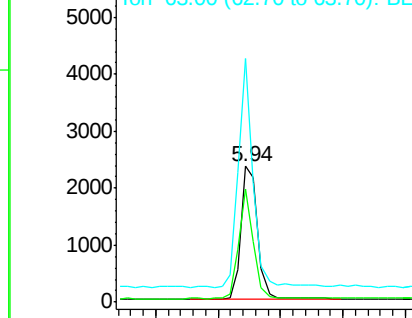
112 100

64 71.7 60.1 90.1

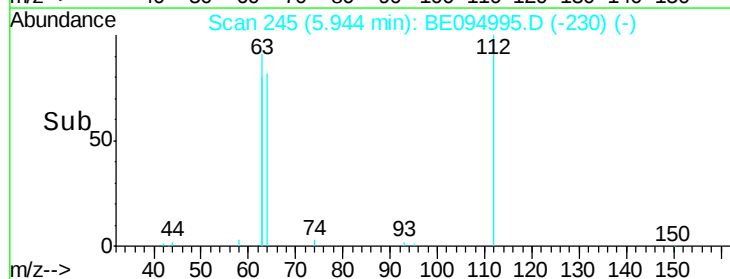
63 150.9 116.8 175.2

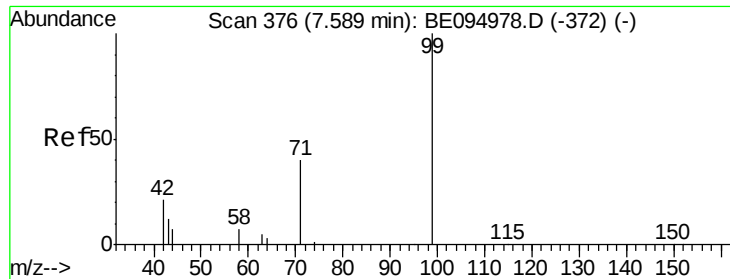


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.80 5.90 6.00 6.10





#5

Phenol-d6

Concen: 0.427 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampled :

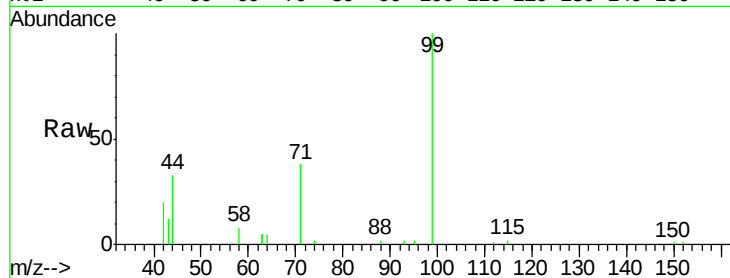
Tot Ion: 99 Resp: 6624

Ion Ratio Lower Upper

99 100

42 23.6 20.2 30.2

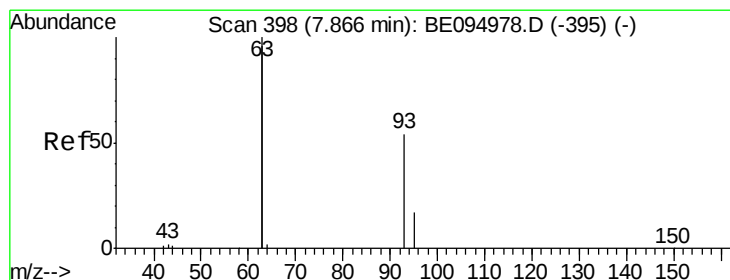
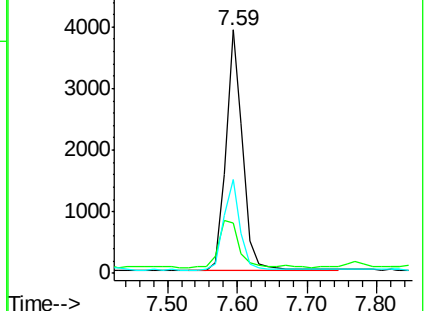
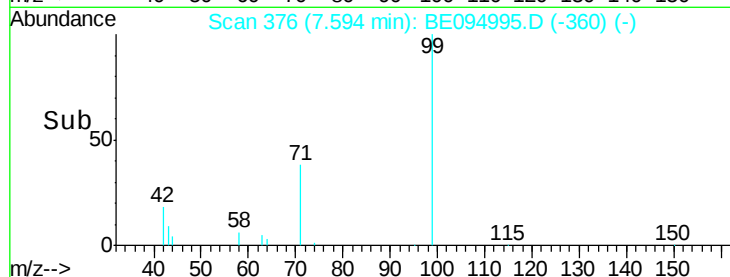
71 36.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

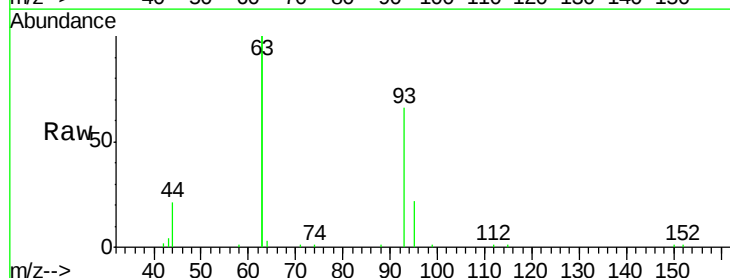
Tgt Ion: 93 Resp: 5923

Ion Ratio Lower Upper

93 100

63 330.2 275.3 412.9

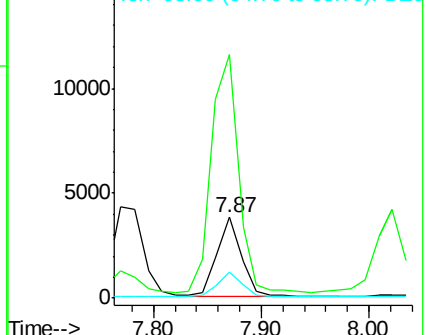
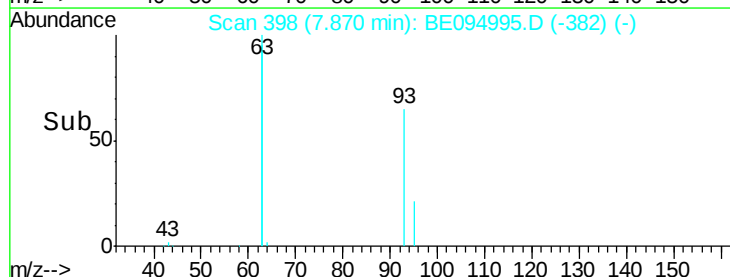
95 32.0 25.2 37.8

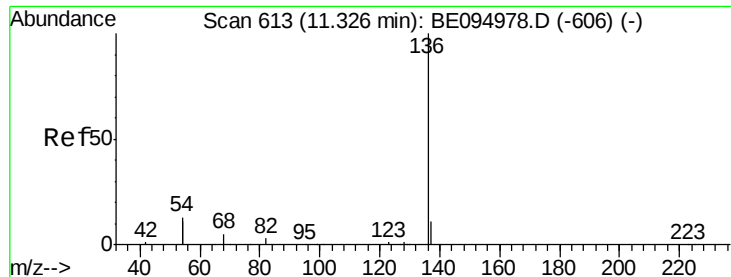


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15255

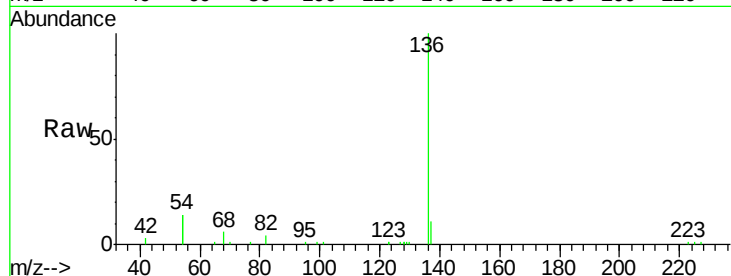
Ion Ratio Lower Upper

136 100

137 10.8 9.5 14.3

54 28.1 29.1 43.7#

68 5.9 6.2 9.2#

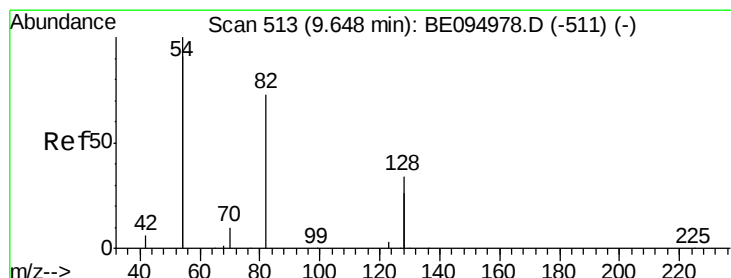
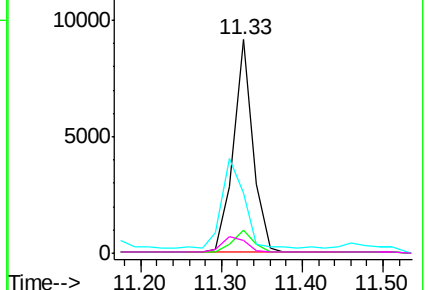
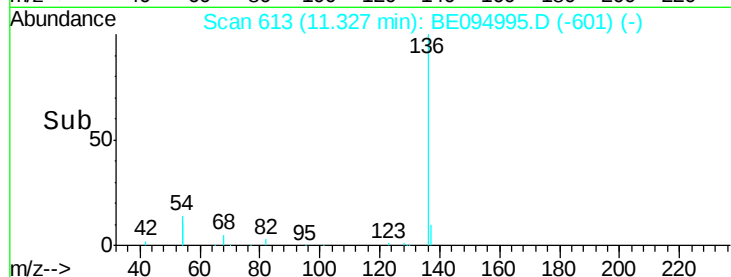


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.411 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

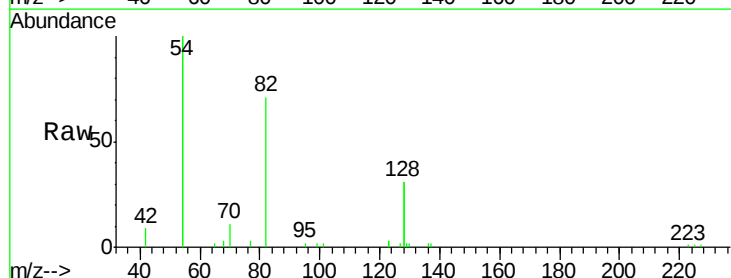
Tgt Ion: 82 Resp: 5151

Ion Ratio Lower Upper

82 100

128 87.9 150.0 225.0#

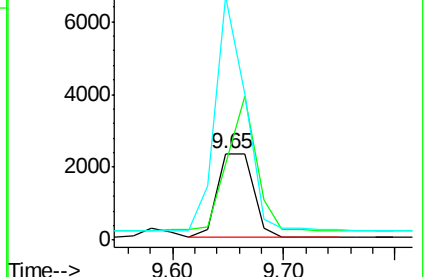
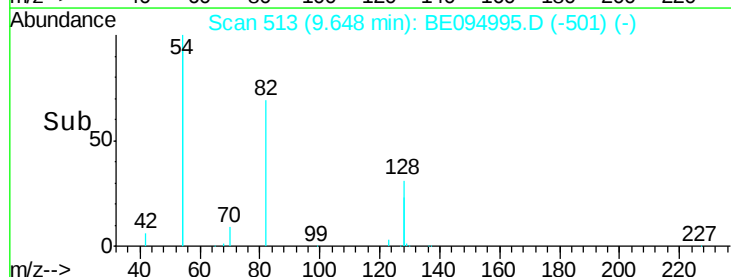
54 282.1 154.2 231.4#

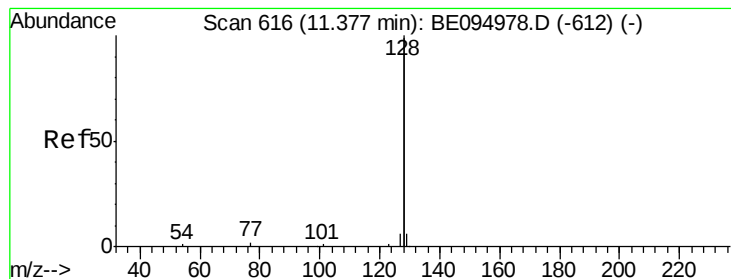


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.394 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

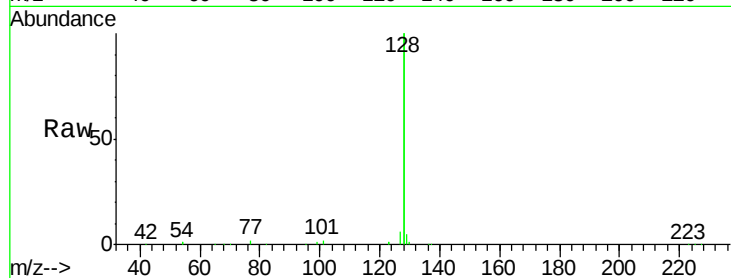
Tot Ion:128 Resp: 70503

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

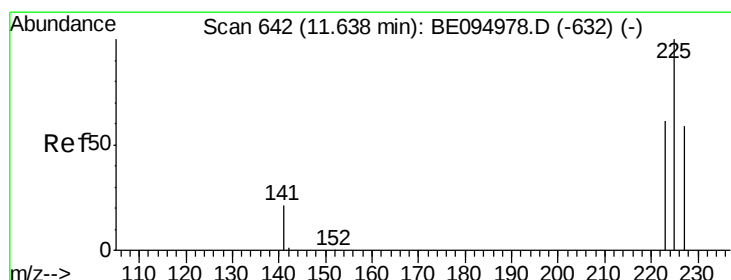
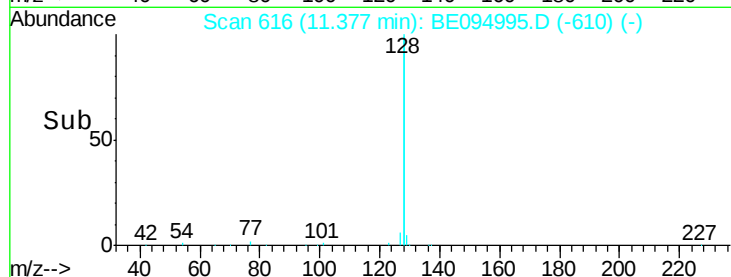
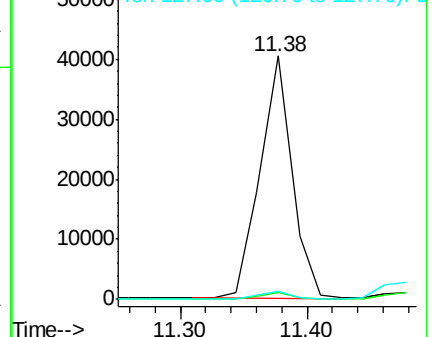
127 3.2 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.384 ng

RT: 11.64 min Scan# 642

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

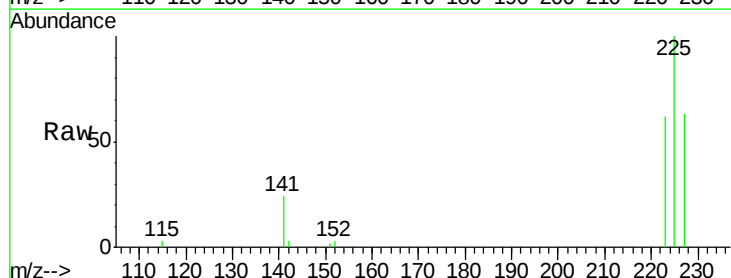
Tgt Ion:225 Resp: 3126

Ion Ratio Lower Upper

225 100

223 62.1 53.0 79.6

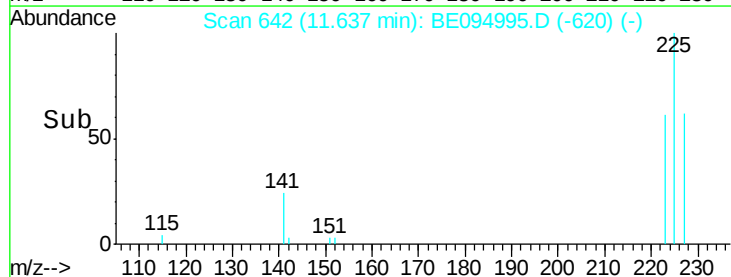
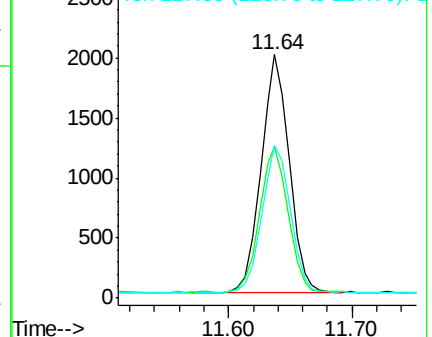
227 62.9 51.4 77.2

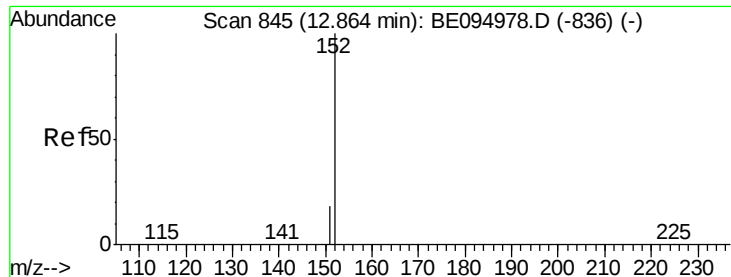


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

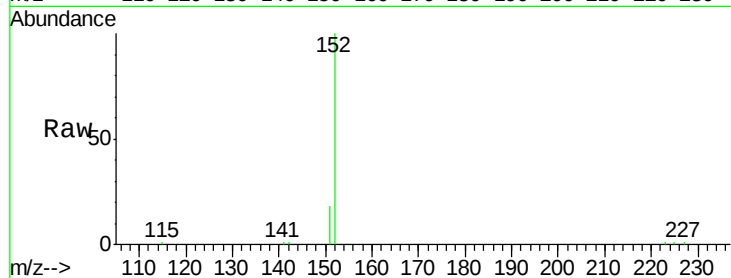
ClientSampleId :

Tot Ion:152 Resp: 9855

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.86

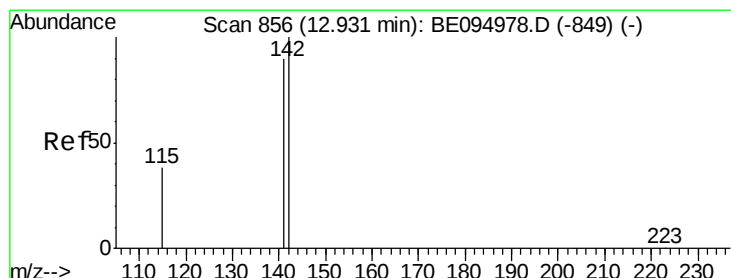
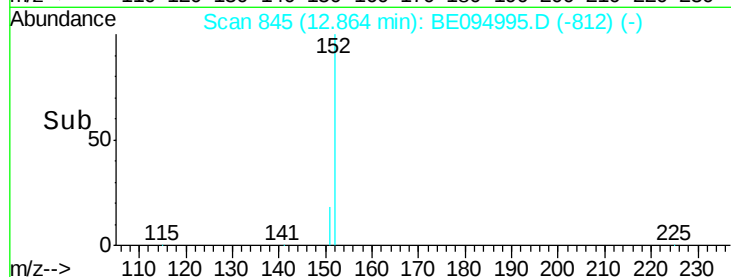
6000

4000

2000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.93 min Scan# 856

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

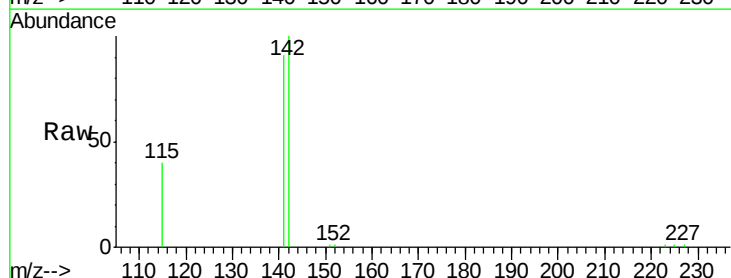
Tgt Ion:142 Resp: 17333

Ion Ratio Lower Upper

142 100

141 91.2 70.4 105.6

115 39.8 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.93

10000

8000

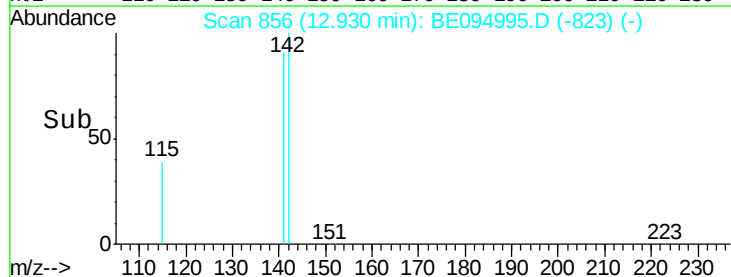
6000

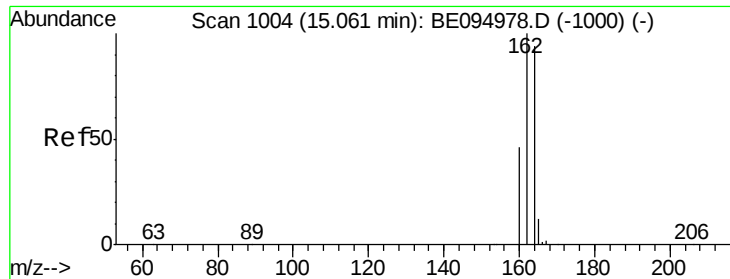
4000

2000

0

Time-->

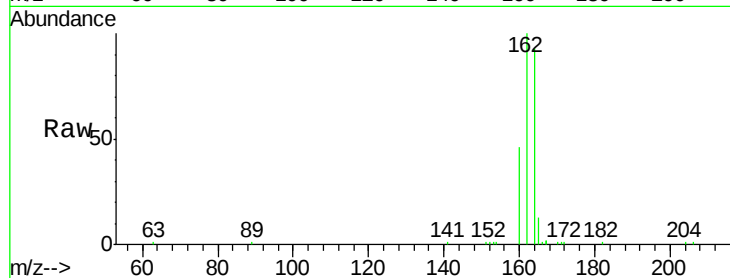




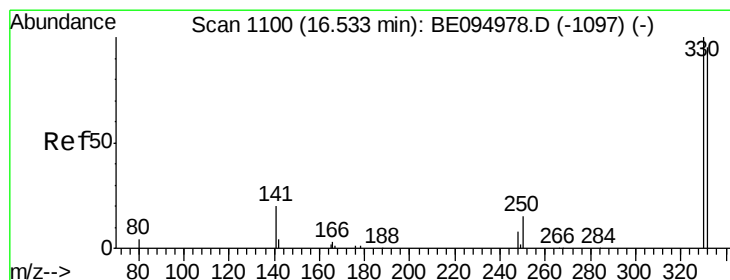
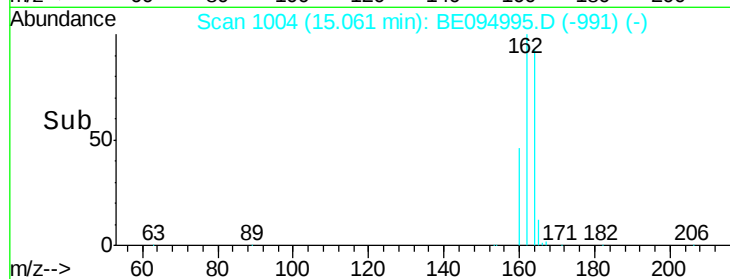
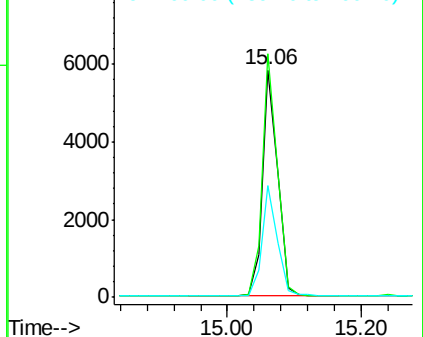
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094995.D
Acq: 15 Dec 2017 11:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9092
Ion Ratio Lower Upper
164 100
162 107.2 83.1 124.7
160 49.2 37.1 55.7

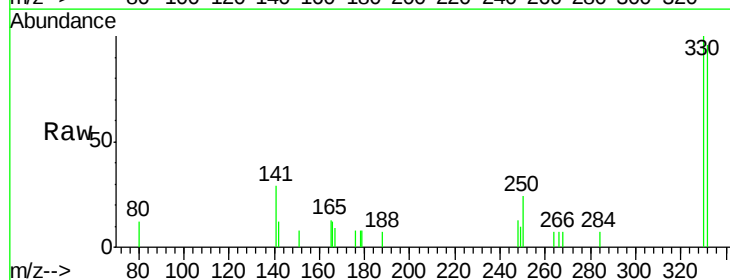


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

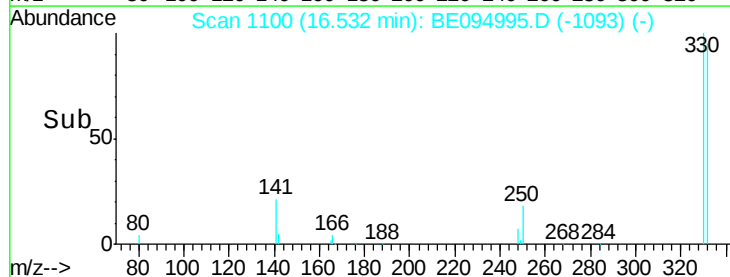
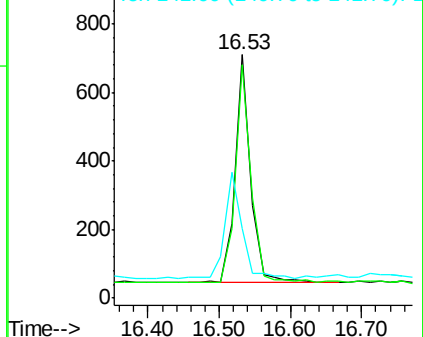


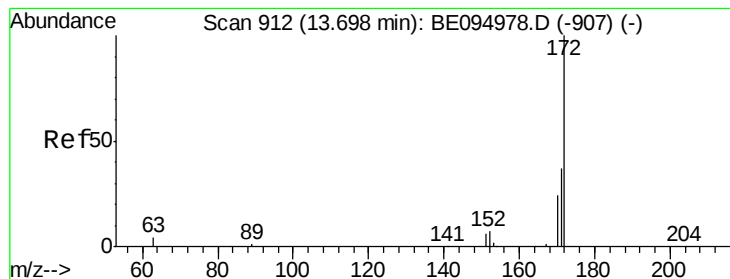
#14
2,4,6-Tribromophenol
Concen: 0.473 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094995.D
Acq: 15 Dec 2017 11:03

Tgt Ion:330 Resp: 999
Ion Ratio Lower Upper
330 100
332 99.2 152.7 229.1#
141 51.3 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.374 ng

RT: 13.70 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

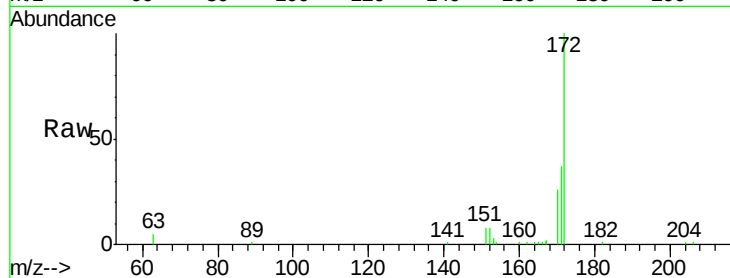
Tot Ion:172 Resp: 15052

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

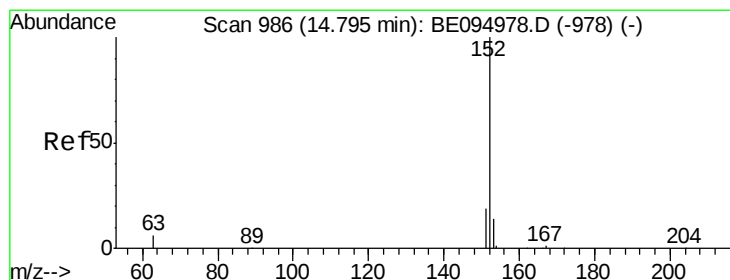
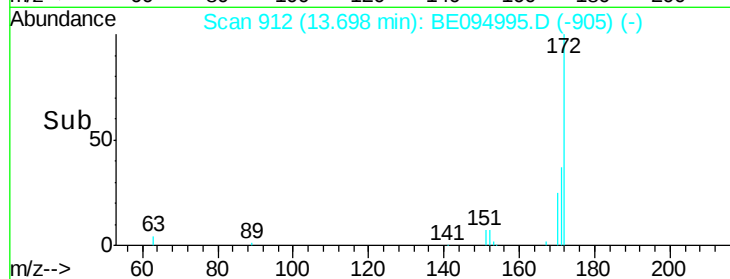
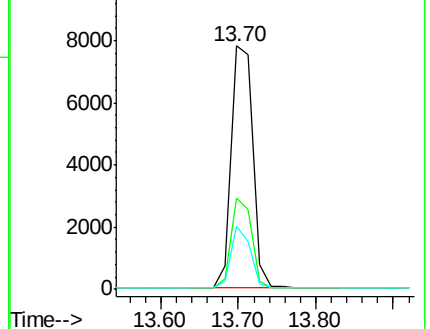
170 25.9 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.381 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

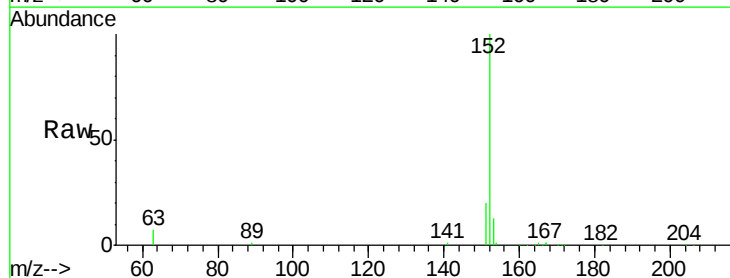
Tgt Ion:152 Resp: 18515

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

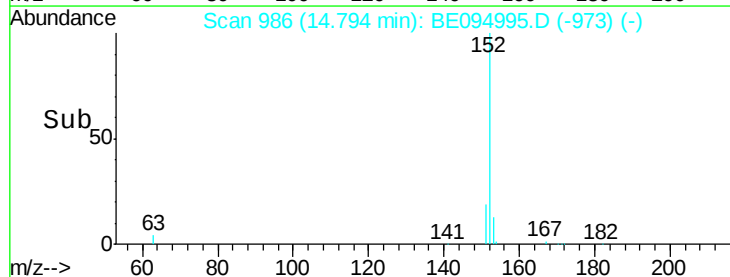
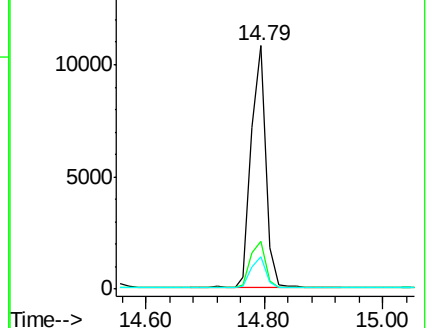
153 13.1 10.5 15.7

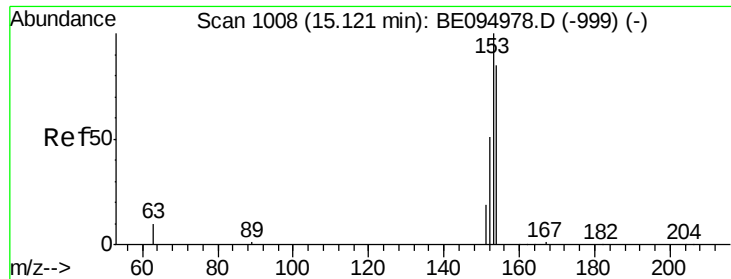


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.385 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

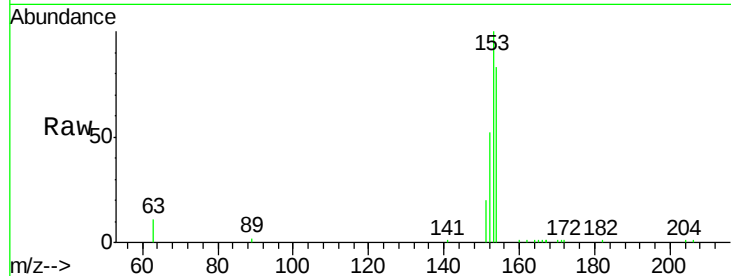
Tot Ion:154 Resp: 12398

Ion Ratio Lower Upper

154 100

153 114.6 89.2 133.8

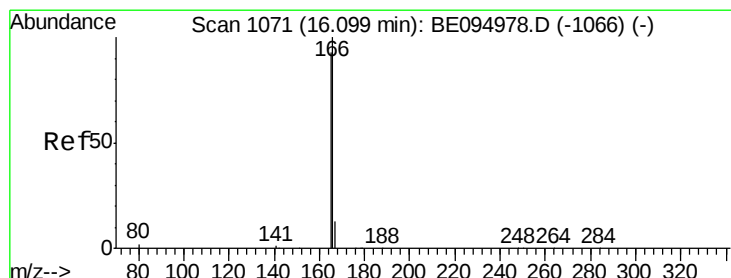
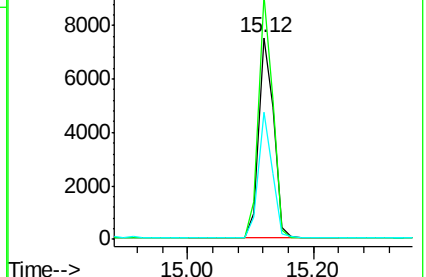
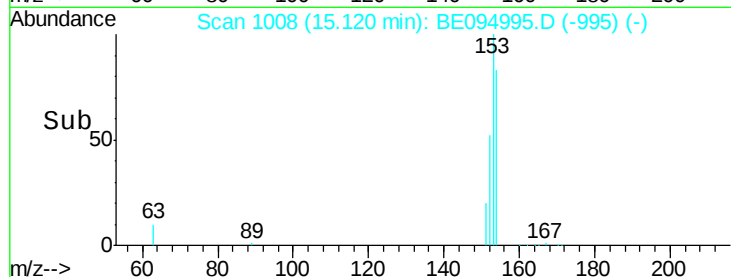
152 58.3 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.391 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

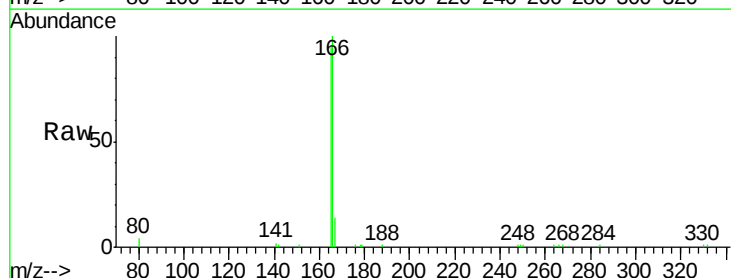
Tgt Ion:166 Resp: 15676

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

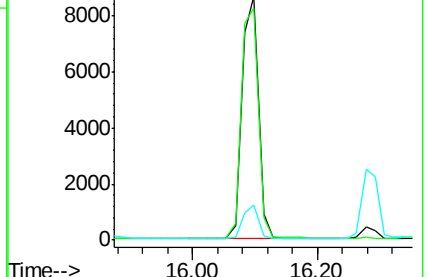
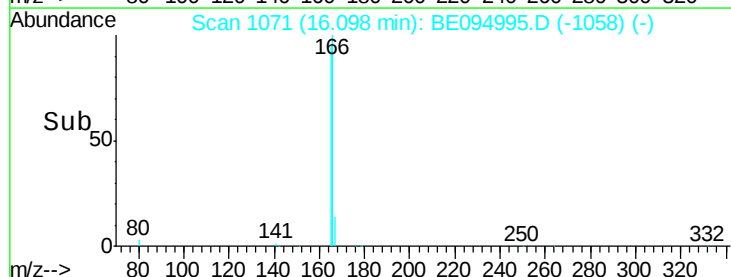
167 13.3 42.4 63.6#

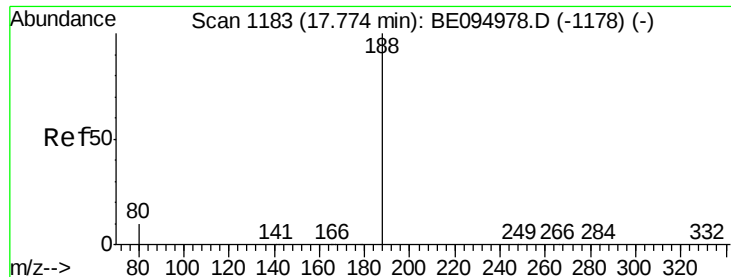


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

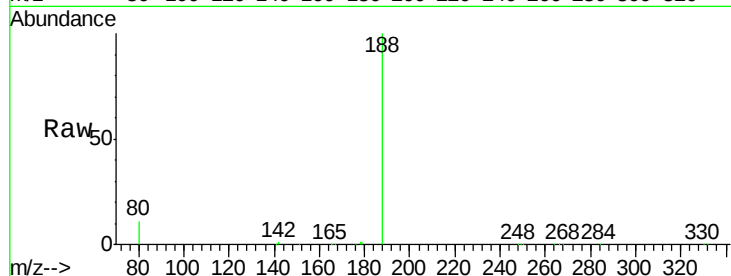
Tot Ion:188 Resp: 21036

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

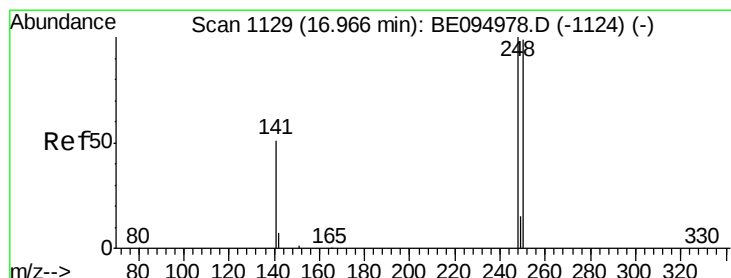
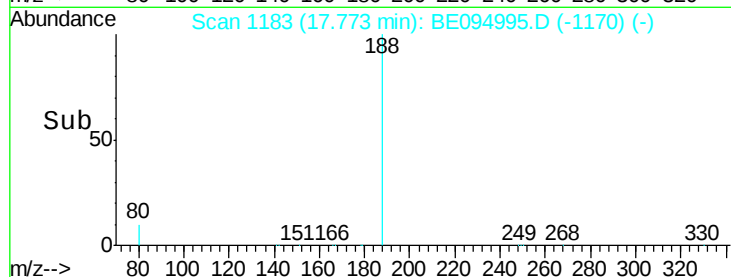
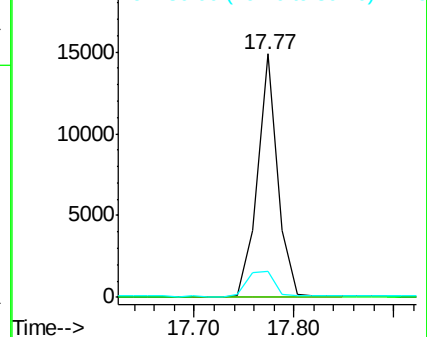
80 10.5 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

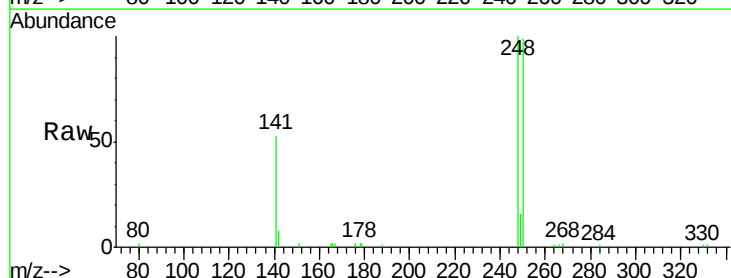
Tgt Ion:248 Resp: 4749

Ion Ratio Lower Upper

248 100

250 99.0 62.7 94.1#

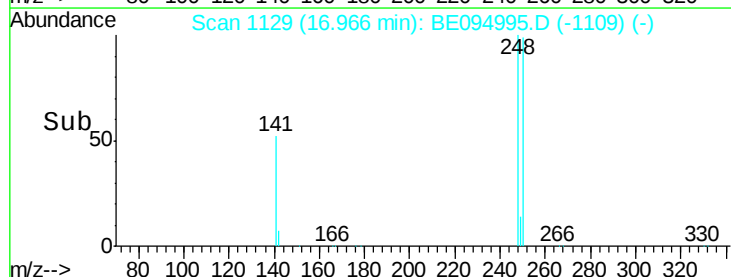
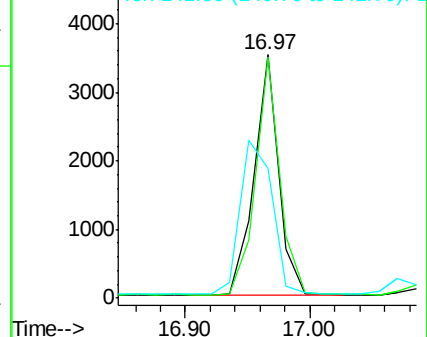
141 53.3 48.2 72.2

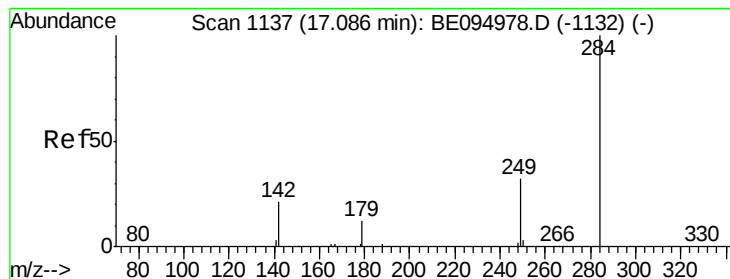


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.398 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

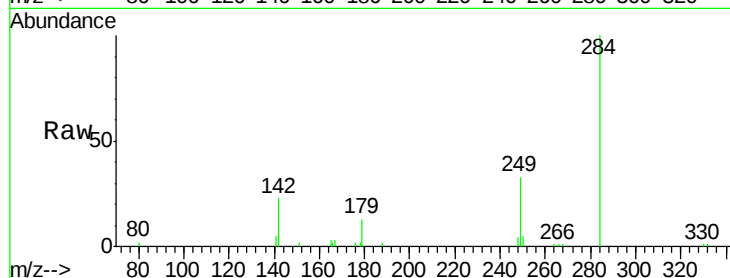
Tot Ion:284 Resp: 5011

Ion Ratio Lower Upper

284 100

142 40.7 22.1 33.1#

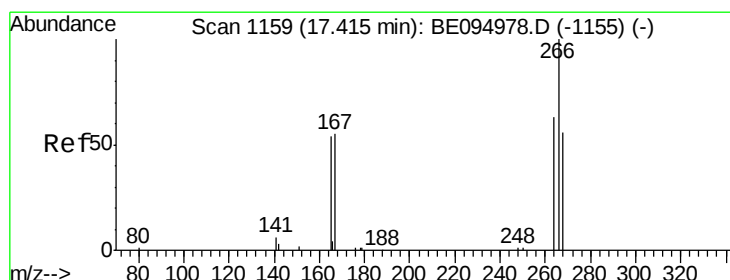
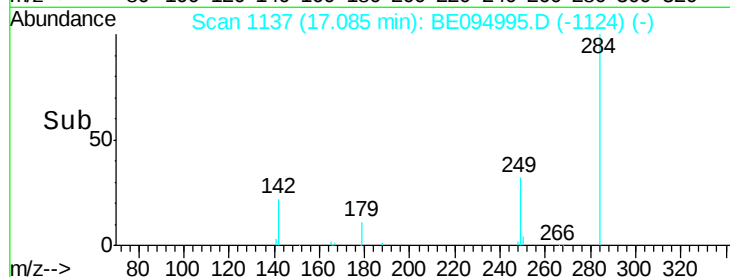
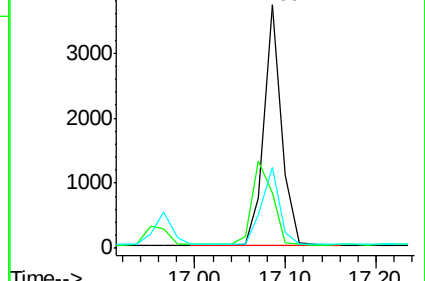
249 33.3 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.516 ng

RT: 17.41 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

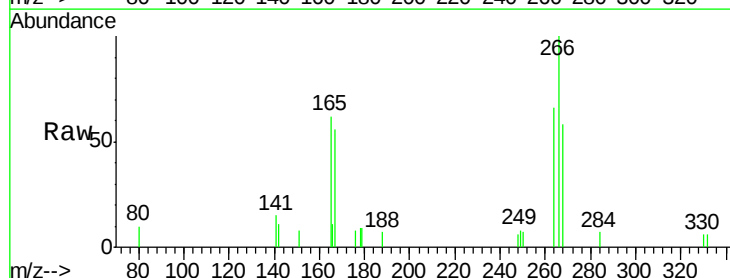
Tgt Ion:266 Resp: 1361

Ion Ratio Lower Upper

266 100

264 66.5 72.5 108.7#

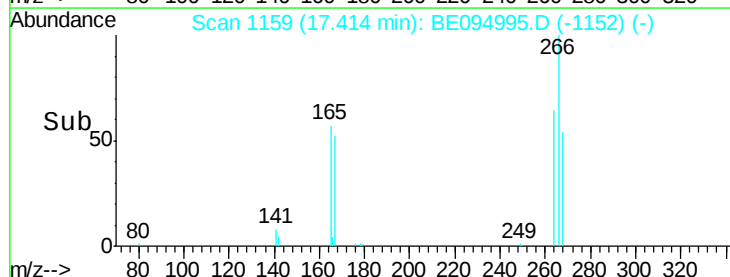
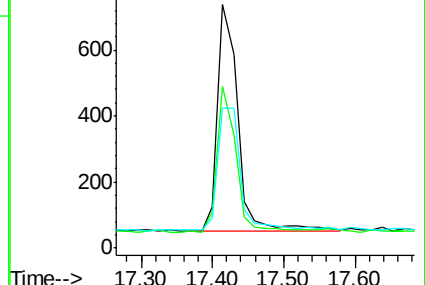
268 57.7 73.8 110.6#

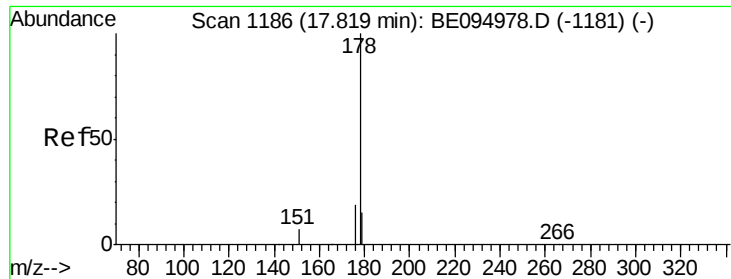


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.391 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

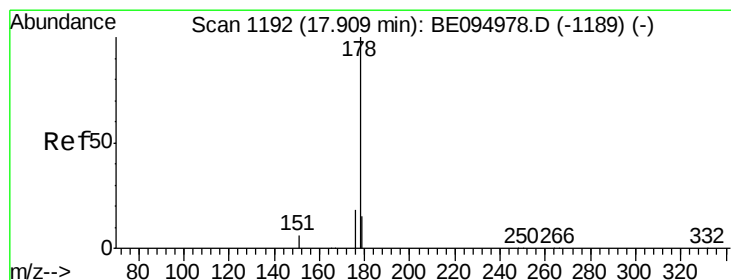
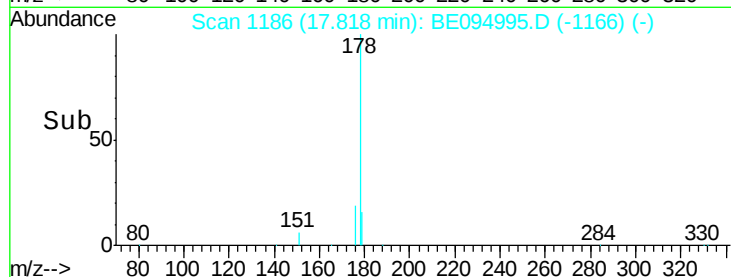
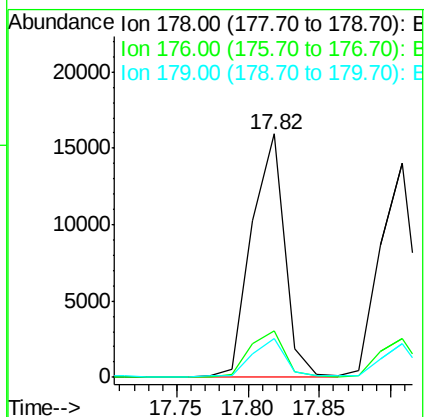
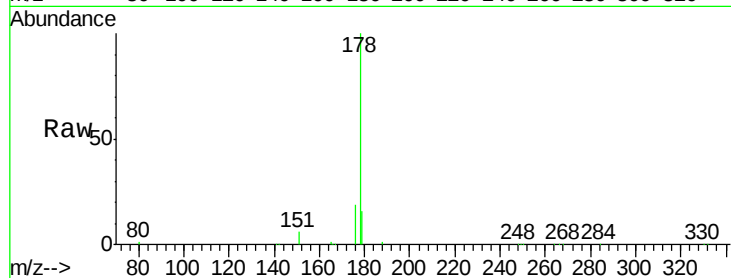
Tot Ion:178 Resp: 25655

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.7 11.8 17.6



#24

Anthracene

Concen: 0.390 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

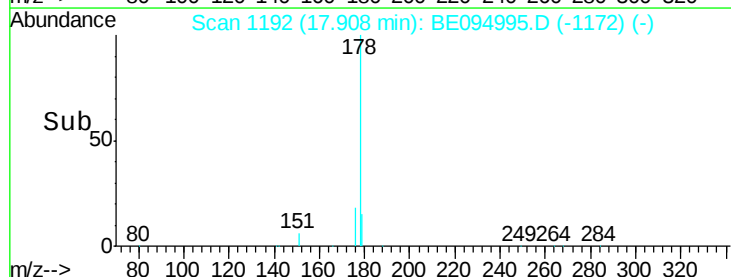
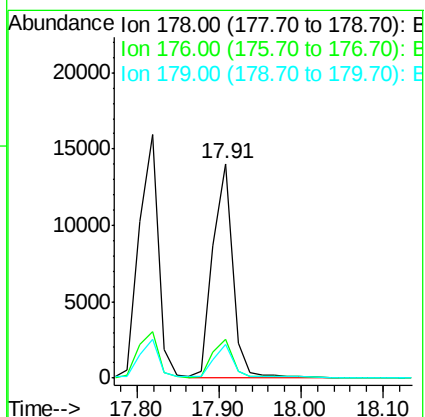
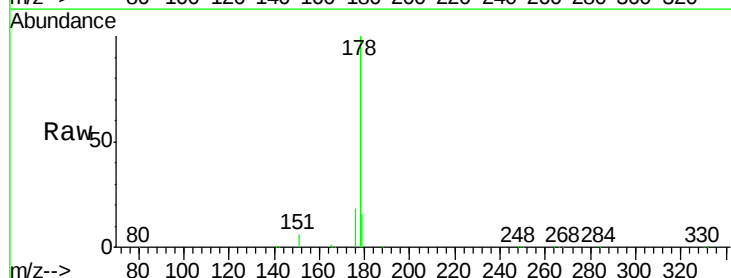
Tgt Ion:178 Resp: 26262

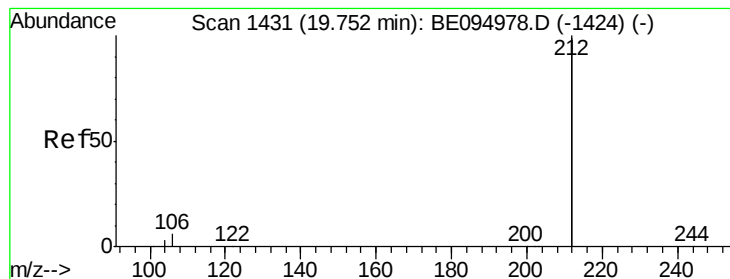
Ion Ratio Lower Upper

178 100

176 20.1 12.8 19.2#

179 16.9 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.383 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

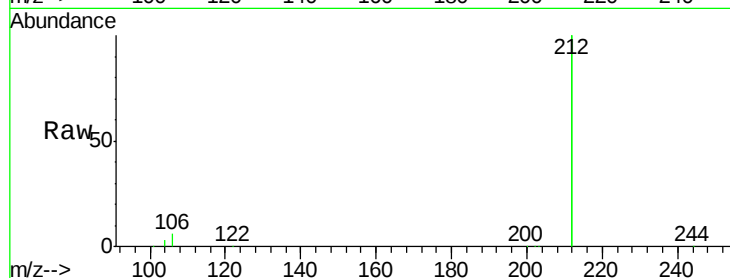
Tot Ion:212 Resp: 104378

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

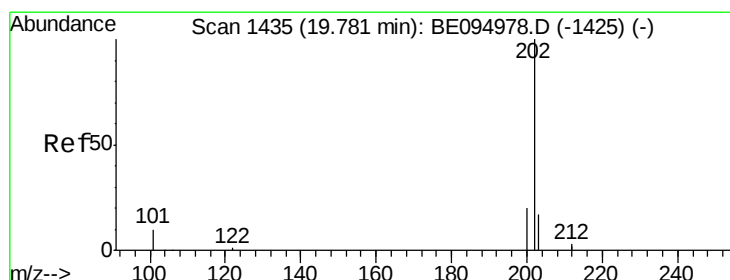
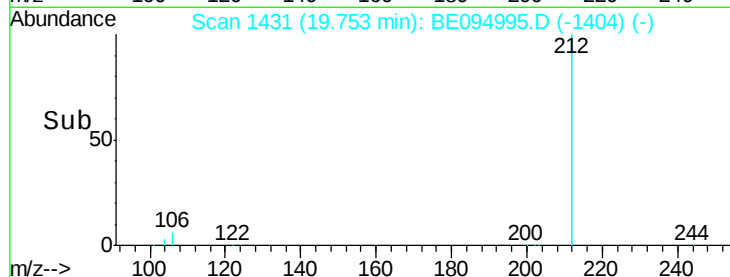
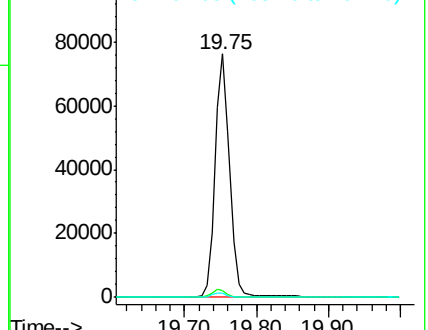
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.385 ng

RT: 19.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

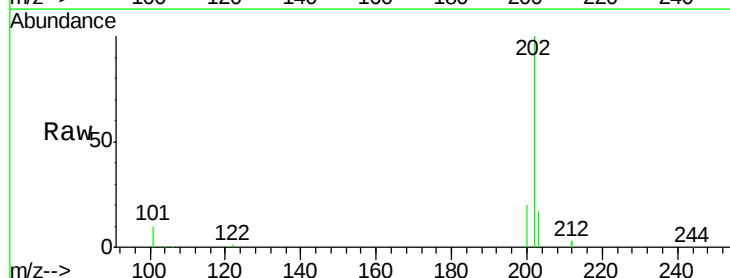
Tgt Ion:202 Resp: 31133

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

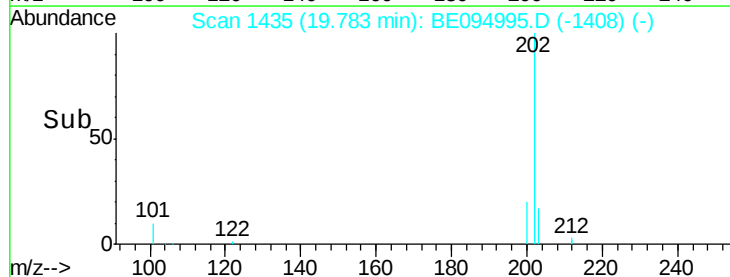
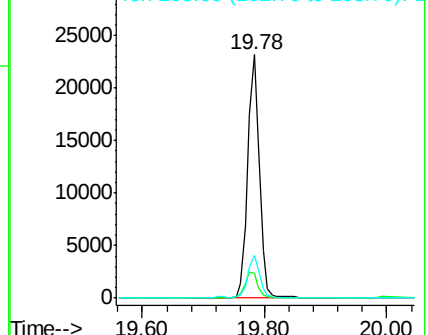
203 16.9 13.7 20.5

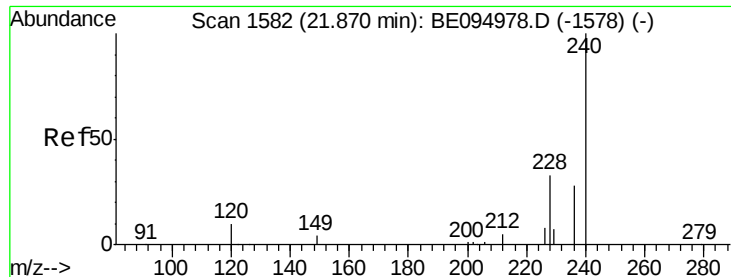


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

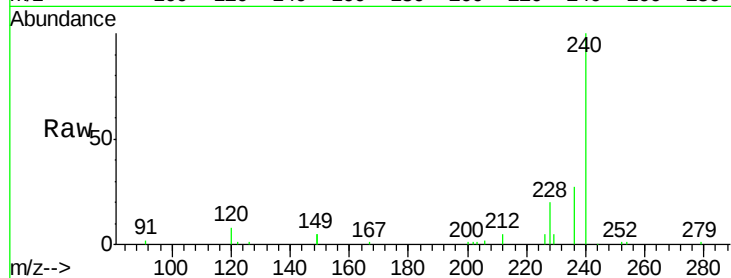
Tot Ion:240 Resp: 22845

Ion Ratio Lower Upper

240 100

120 8.0 5.5 8.3

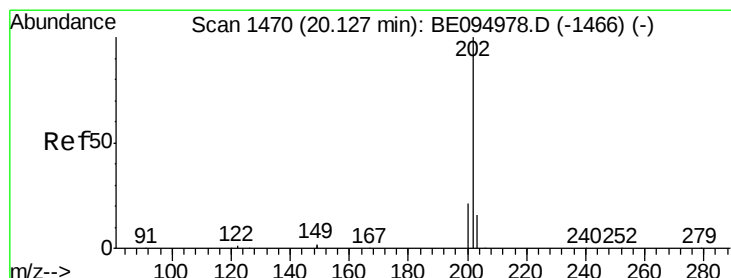
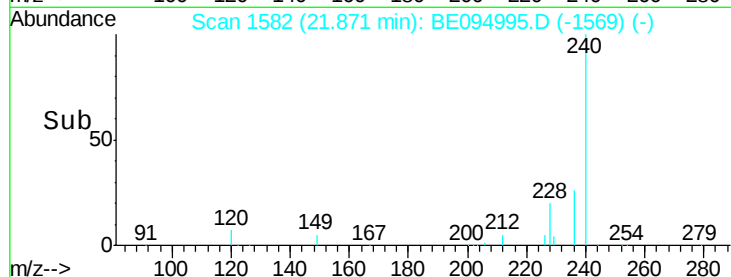
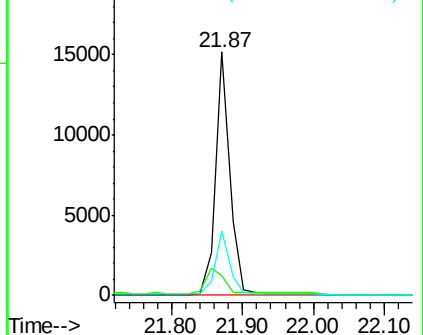
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.462 ng

RT: 20.13 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

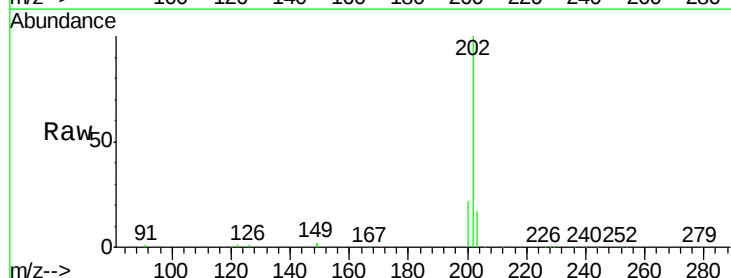
Tgt Ion:202 Resp: 35757

Ion Ratio Lower Upper

202 100

200 18.6 16.6 25.0

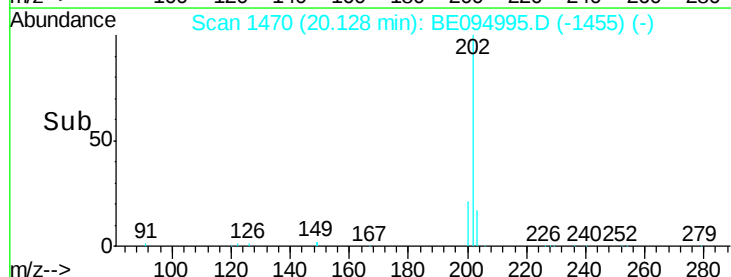
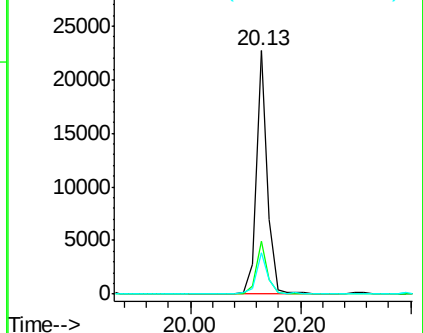
203 17.7 13.8 20.8

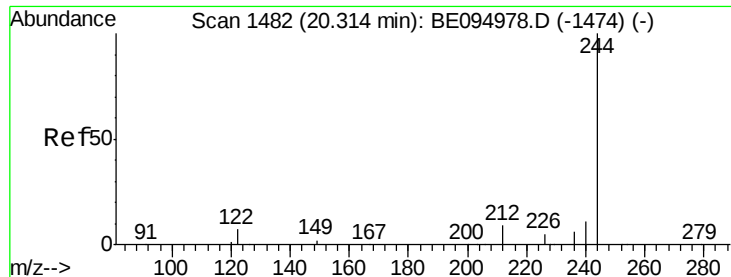


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 20.31 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

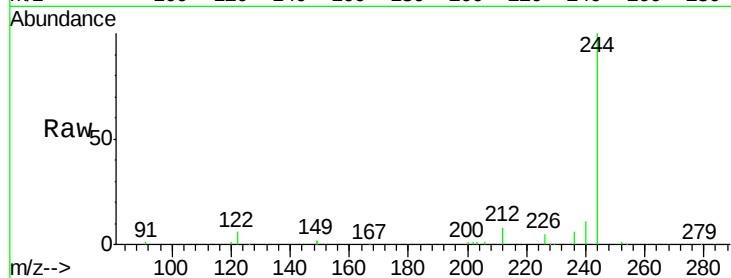
Tot Ion:244 Resp: 17591

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

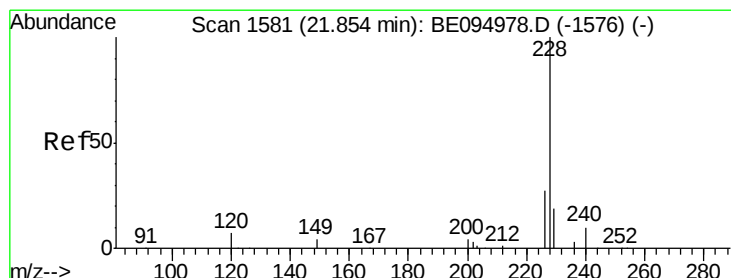
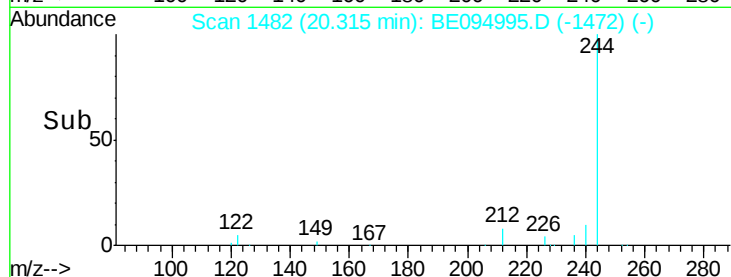
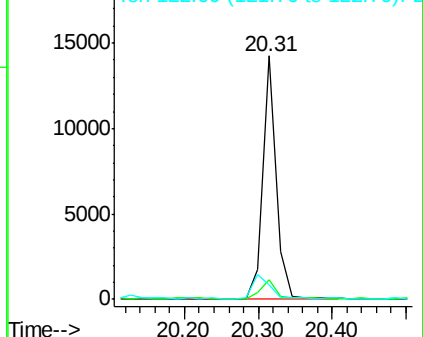
122 5.9 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.402 ng

RT: 21.86 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

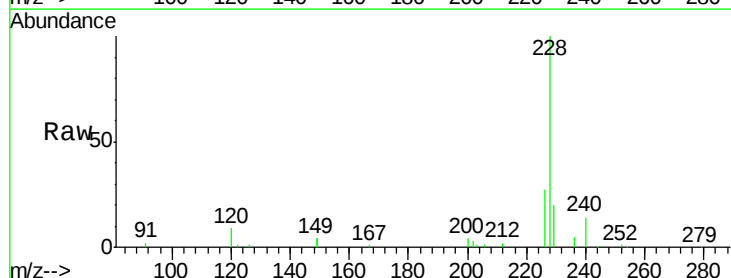
Tgt Ion:228 Resp: 26805

Ion Ratio Lower Upper

228 100

226 26.7 40.0 60.0#

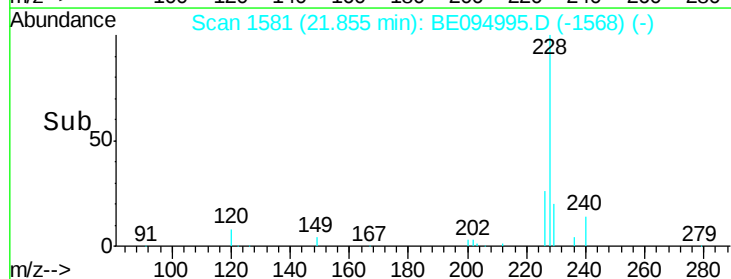
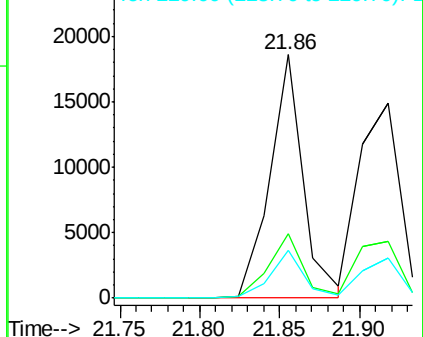
229 19.8 40.0 60.0#

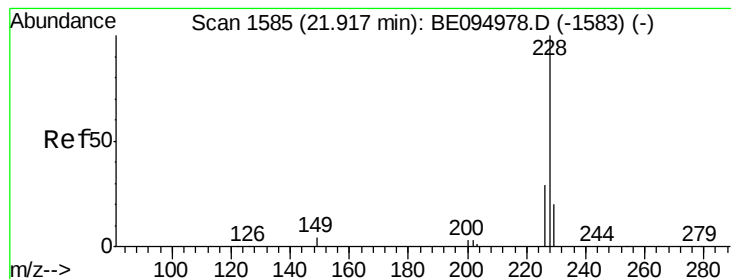


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.382 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampled :

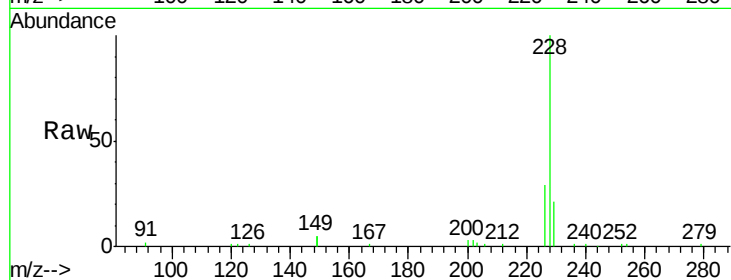
Tot Ion:228 Resp: 28679

Ion Ratio Lower Upper

228 100

226 28.8 40.0 60.0#

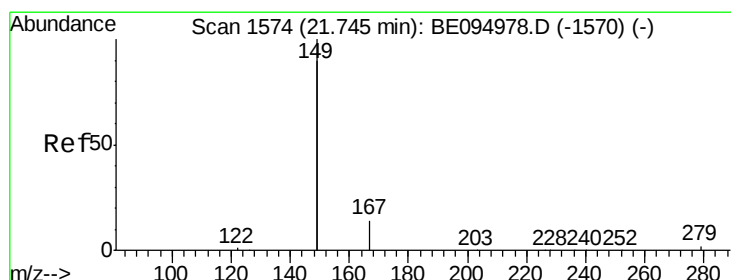
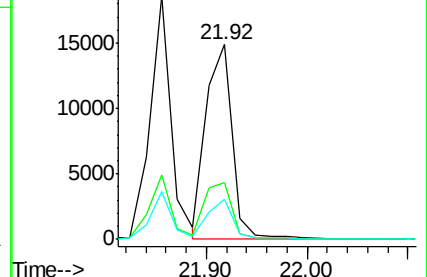
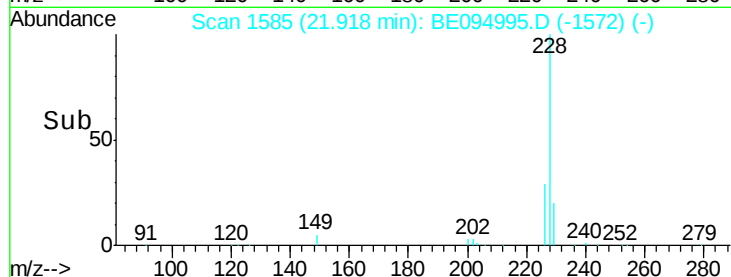
229 20.7 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.467 ng

RT: 21.73 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

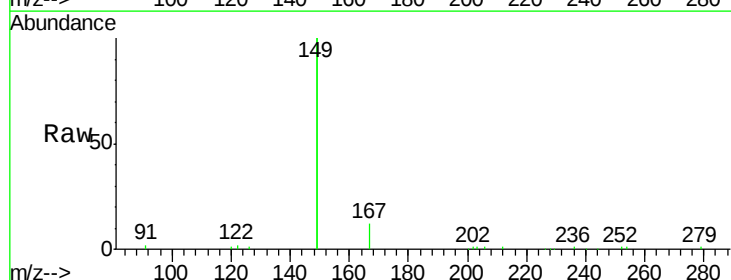
Tgt Ion:149 Resp: 39758

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

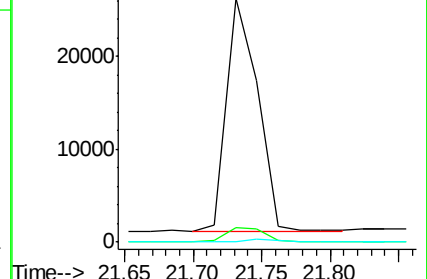
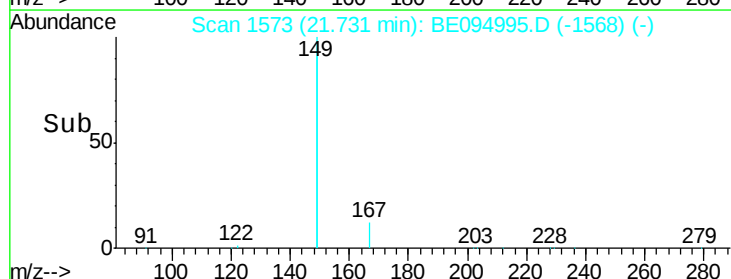
279 0.9 0.7 1.1

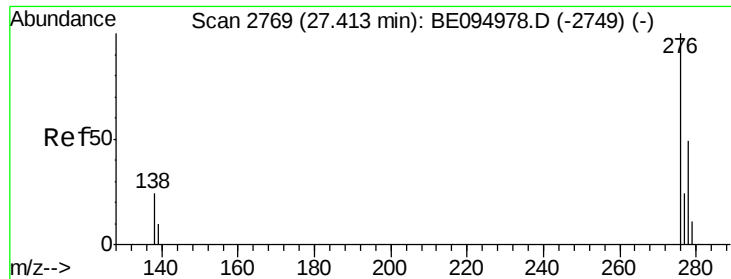


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

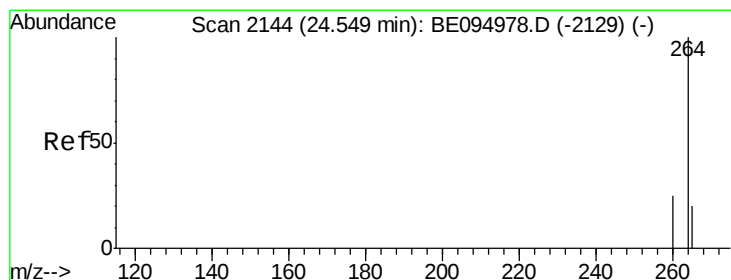
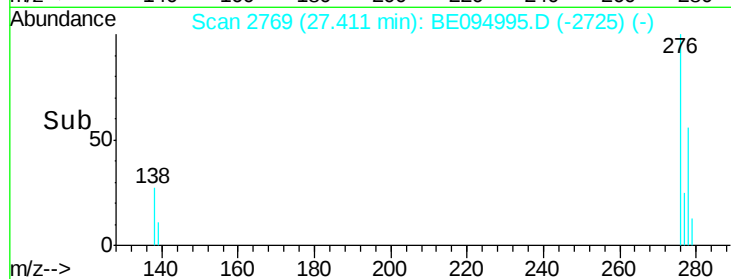
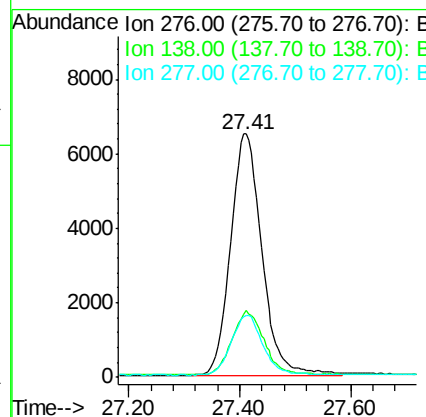
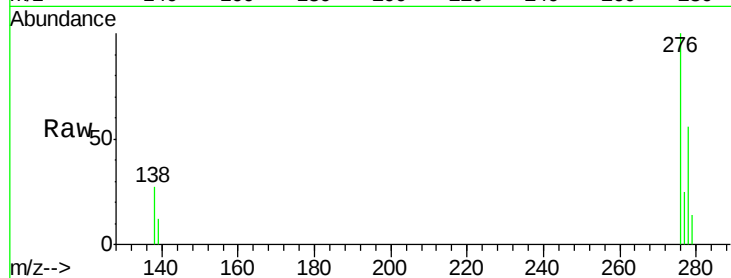




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 27.41 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BE094995.D
 Acq: 15 Dec 2017 11:03

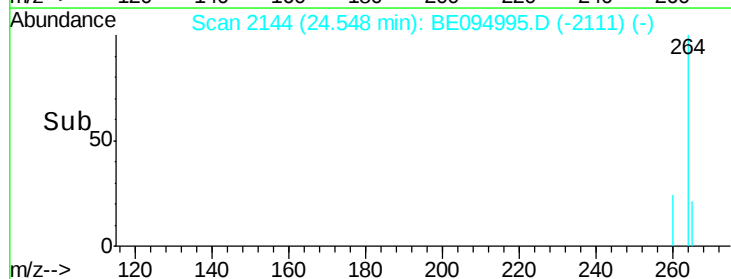
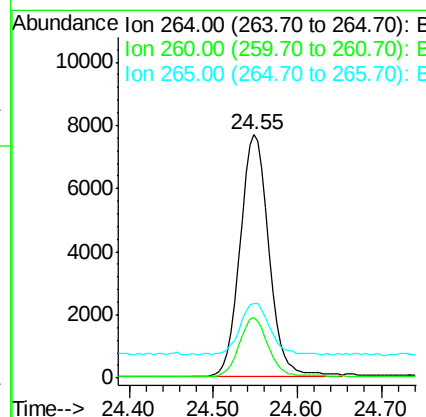
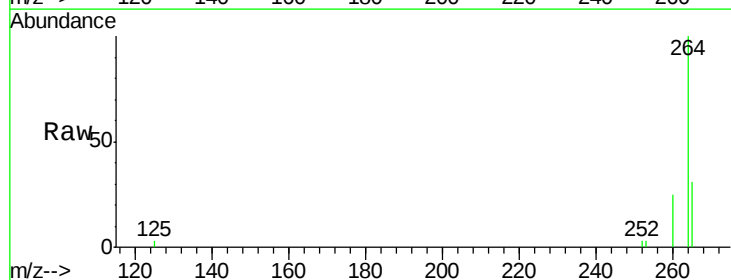
Instrument :
 BNA_E
 ClientSampleId :

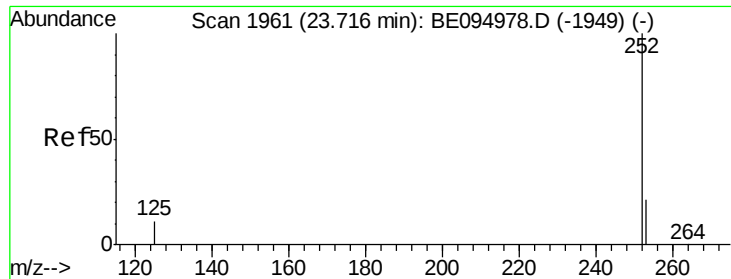
Tot Ion:276 Resp: 25410
 Ion Ratio Lower Upper
 276 100
 138 26.7 22.5 33.7
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.55 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BE094995.D
 Acq: 15 Dec 2017 11:03

Tgt Ion:264 Resp: 18142
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 30.7 22.8 34.2

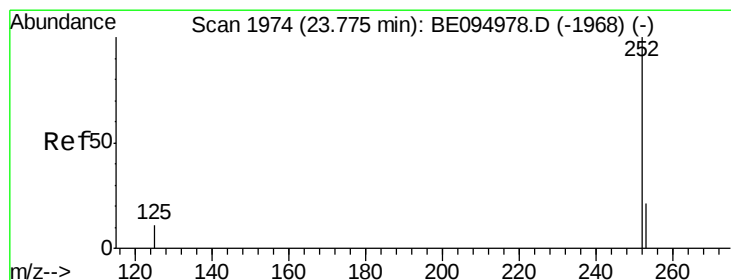
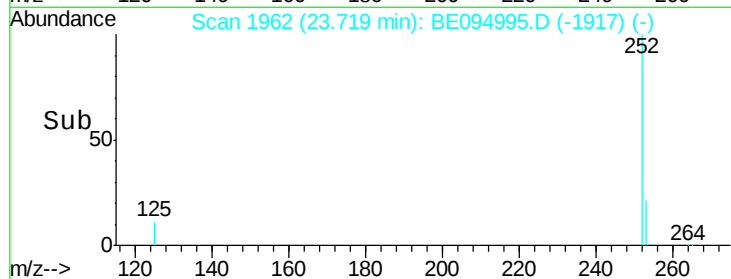
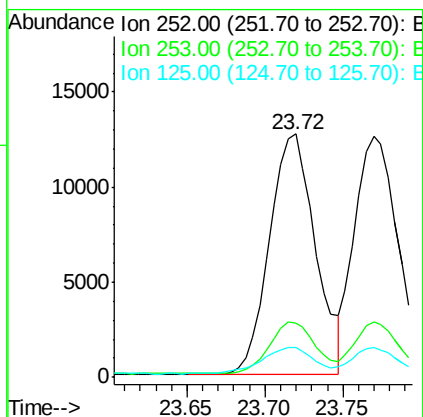
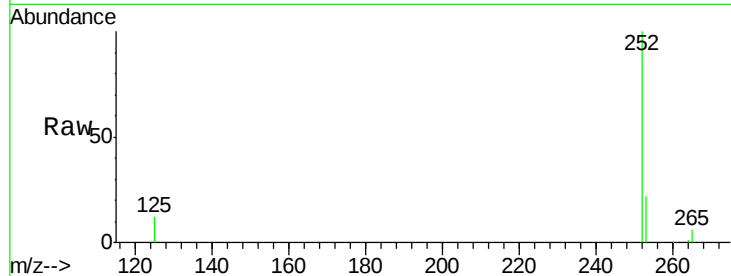




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.72 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE094995.D
Acq: 15 Dec 2017 11:03

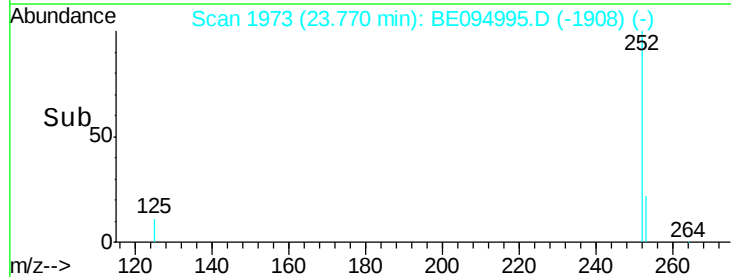
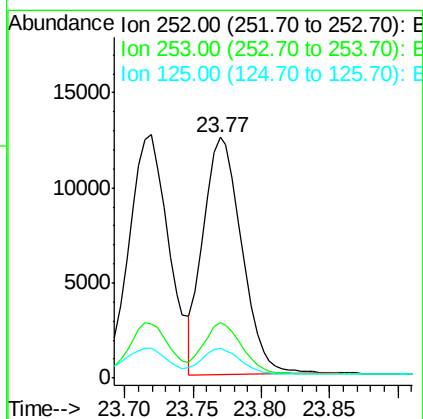
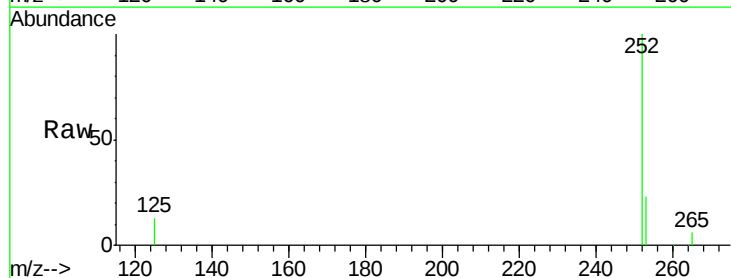
Instrument :
BNA_E
ClientSampleId :

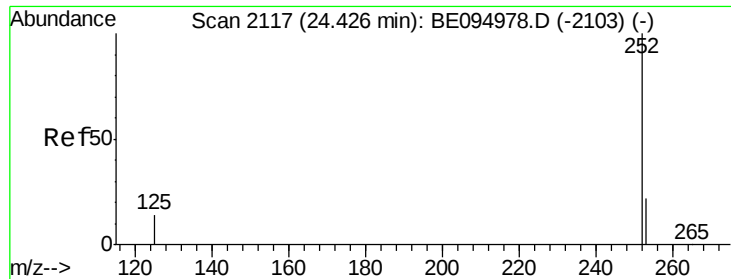
Tot Ion:252 Resp: 25961
Ion Ratio Lower Upper
252 100
253 22.2 20.0 30.0
125 12.4 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.77 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BE094995.D
Acq: 15 Dec 2017 11:03

Tgt Ion:252 Resp: 24459
Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 12.5 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 24.43 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :

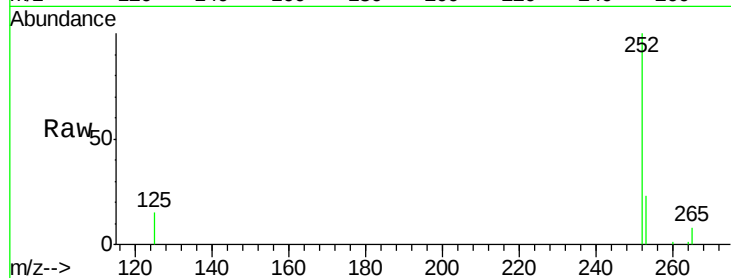
Tot Ion:252 Resp: 22765

Ion Ratio Lower Upper

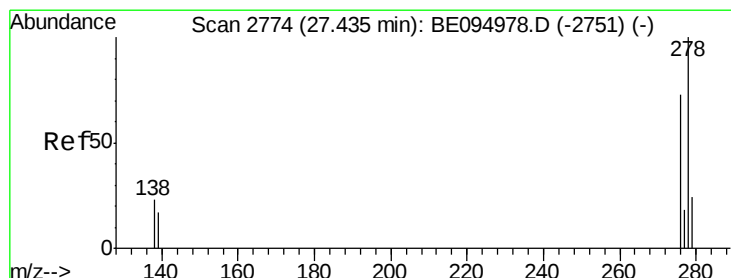
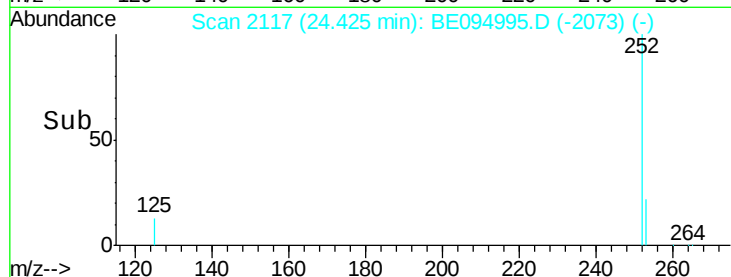
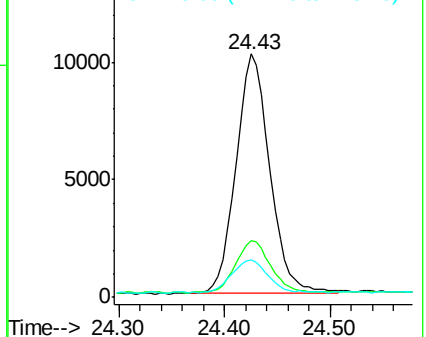
252 100

253 23.4 16.0 24.0

125 15.2 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.389 ng

RT: 27.43 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

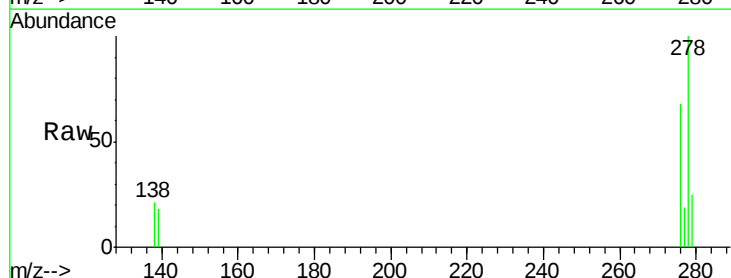
Tgt Ion:278 Resp: 21336

Ion Ratio Lower Upper

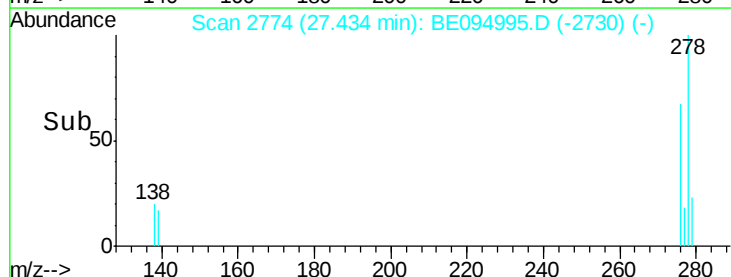
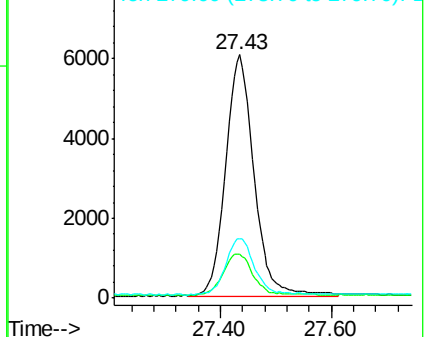
278 100

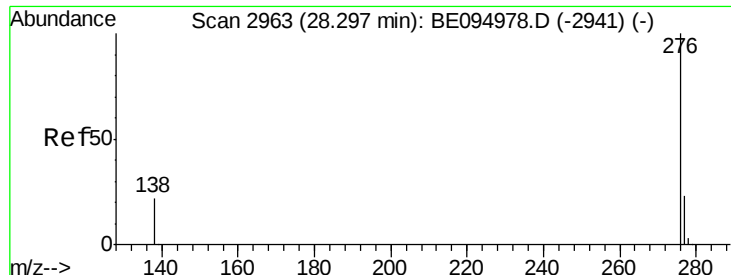
139 18.2 16.0 24.0

279 24.6 20.0 30.0



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





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 28.30 min Scan# 2963

Delta R.T. -0.00 min

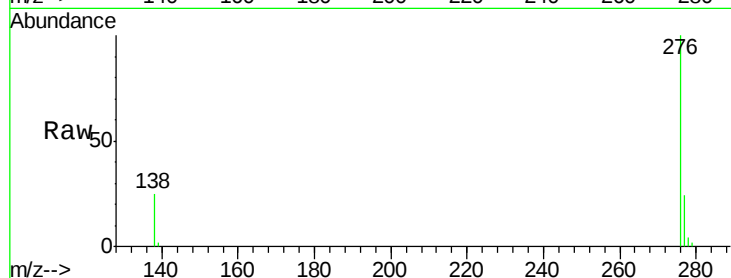
Lab File: BE094995.D

Acq: 15 Dec 2017 11:03

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 20903

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 25.1 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

